

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086547.D
 Acq On : 1 May 2016 3:20
 Operator : UM/SJ
 Sample : H2720-10MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Manual Integrations
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 5/2/2016 7:54:31 PM

Quant Time: May 02 01:22:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137080	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	596365	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	284411	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	563829	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	386468	20.00	ng	-0.05
86) Perylene-d12	15.31	264	325455	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1113387	140.10	ng	-0.02
7) Phenol-d6	6.41	99	1435035	129.38	ng	-0.03
23) Nitrobenzene-d5	7.33	82	903696	81.68	ng	-0.05
41) 2,4,6-Tribromophenol	10.60	330	379458	126.52	ng	-0.03
44) 2-Fluorobiphenyl	9.13	172	1321922	80.38	ng	-0.05
78) Terphenyl-d14	12.87	244	1293754	73.75	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	148507	35.57	ng	# 73
3) Pyridine	3.04	79	430131	43.53	ng	# 70
4) n-Nitrosodimethylamine	2.99	42	274024	48.66	ng	# 59
6) Aniline	6.43	93	248352	18.50	ng	# 61
8) 2-Chlorophenol	6.56	128	429478	43.39	ng	96
9) Benzaldehyde	6.30	77	58419	9.05	ng	94
10) Phenol	6.42	94	468111	37.83	ng	# 70
11) bis(2-Chloroethyl)ether	6.51	93	463532	43.33	ng	94
12) 1,3-Dichlorobenzene	6.70	146	423445m	39.77	ng	
13) 1,4-Dichlorobenzene	6.78	146	447722	40.76	ng	97
14) 1,2-Dichlorobenzene	6.93	146	384189	38.14	ng	96
15) Benzyl Alcohol	6.91	79	349696	49.84	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	874112	40.82	ng	91
17) 2-Methylphenol	7.04	107	371451	46.43	ng	94
18) Hexachloroethane	7.28	117	153547	37.40	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	327156	44.62	ng	# 69
20) 3+4-Methylphenols	7.18	107	413854	45.31	ng	92
22) Acetophenone	7.18	105	595746	45.56	ng	# 90
24) Nitrobenzene	7.36	77	512632	45.04	ng	95
25) Isophorone	7.60	82	896532	42.10	ng	98
26) 2-Nitrophenol	7.68	139	230521	43.99	ng	94
27) 2,4-Dimethylphenol	7.72	122	396877	43.16	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	556105	47.94	ng	99
29) 2,4-Dichlorophenol	7.92	162	369215	47.59	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	360418	40.05	ng	98
31) Naphthalene	8.08	128	1255529	41.37	ng	99
32) Benzoic acid	7.82	122	85841	21.38	ng	95
33) 4-Chloroaniline	8.13	127	110210	9.70	ng	98
34) Hexachlorobutadiene	8.19	225	182566	36.19	ng	97
35) Caprolactam	8.50	113	120653m	46.62	ng	
36) 4-Chloro-3-methylphenol	8.62	107	428108	48.20	ng	100
37) 2-Methylnaphthalene	8.76	142	766242	42.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	318794	39.16	ng	97
40) Hexachlorocyclopentadiene	8.92	237	298123	73.69	ng	96

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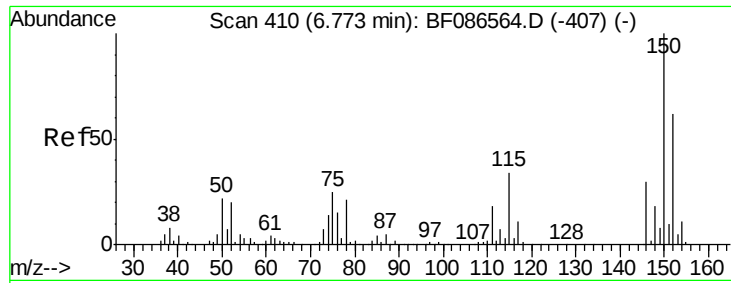
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Quant Time: May 02 01:22:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
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 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	236509	45.96	nq	93
43) 2,4,5-Trichlorophenol	9.09	196	252244	44.97	nq #	92
45) 1,1'-Biphenyl	9.23	154	934202	39.30	nq	97
46) 2-Chloronaphthalene	9.25	162	702386	38.86	nq	94
47) 2-Nitroaniline	9.36	65	305107	52.64	nq	93
48) Acenaphthylene	9.66	152	1084226	38.37	nq	99
49) Dimethylphthalate	9.54	163	1090719	50.94	nq	100
50) 2,6-Dinitrotoluene	9.60	165	193431	43.73	nq #	86
51) Acenaphthene	9.84	154	760515	41.91	nq	99
52) 3-Nitroaniline	9.77	138	100723	20.02	nq	99
53) 2,4-Dinitrophenol	9.87	184	155869	65.97	nq #	80
54) Dibenzofuran	10.01	168	987104	43.52	nq	94
55) 4-Nitrophenol	9.94	139	322909	98.03	nq #	77
56) 2,4-Dinitrotoluene	10.00	165	259020	45.94	nq #	85
57) Fluorene	10.35	166	711292	36.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	222134	50.66	nq	98
59) Diethylphthalate	10.24	149	866937	42.77	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	365265	40.85	nq #	83
61) 4-Nitroaniline	10.38	138	224867	45.73	nq	88
62) Azobenzene	10.51	77	1022483	46.06	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	145929	44.09	nq #	77
65) n-Nitrosodiphenylamine	10.46	169	682236	38.72	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	225201	38.76	nq #	76
67) Hexachlorobenzene	10.90	284	250842	37.30	nq #	82
68) Atrazine	11.00	200	262261	49.56	nq	96
69) Pentachlorophenol	11.09	266	272086	76.74	nq	97
70) Phenanthrene	11.31	178	1126842	38.08	nq	99
71) Anthracene	11.36	178	1227454	38.87	nq	100
72) Carbazole	11.52	167	1144855	40.91	nq	99
73) Di-n-butylphthalate	11.86	149	1289303	40.66	nq	99
74) Fluoranthene	12.49	202	1143781	38.29	nq	99
76) Benzidine	12.61	184	202393	15.24	nq	97
77) Pyrene	12.72	202	1089346	39.12	nq	99
79) Butylbenzylphthalate	13.35	149	501212	41.56	nq #	80
80) Benzo(a)anthracene	13.91	228	868041	42.13	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	133726	9.71	nq #	97
82) Chrysene	13.94	228	789341	35.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	556679	37.18	nq #	97
84) Di-n-octyl phthalate	14.51	149	894839	38.17	nq #	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	822685	49.57	nq	97
87) Benzo(b)fluoranthene	14.92	252	870546m	45.47	nq	
88) Benzo(k)fluoranthene	14.95	252	633085m	31.70	nq	
89) Benzo(a)pyrene	15.25	252	728228	40.29	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	698449	47.22	nq	98
91) Benzo(g,h,i)perylene	17.05	276	693064	46.75	nq #	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

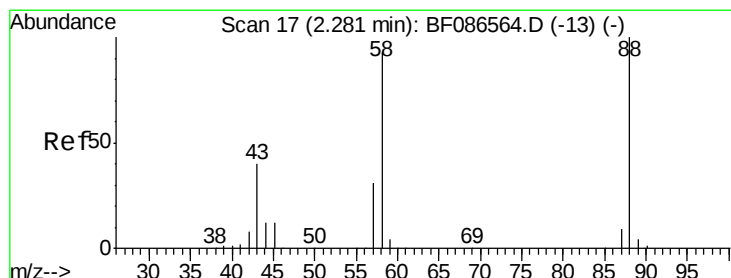
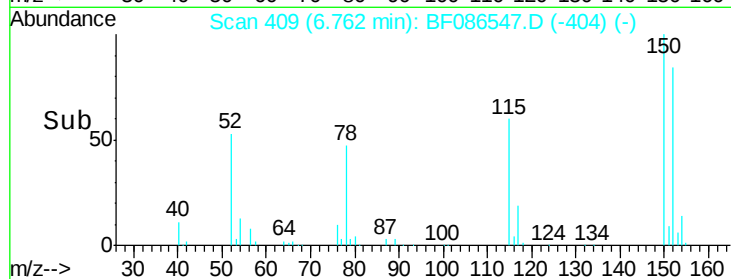
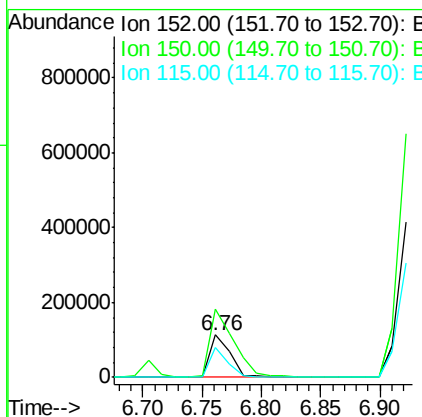
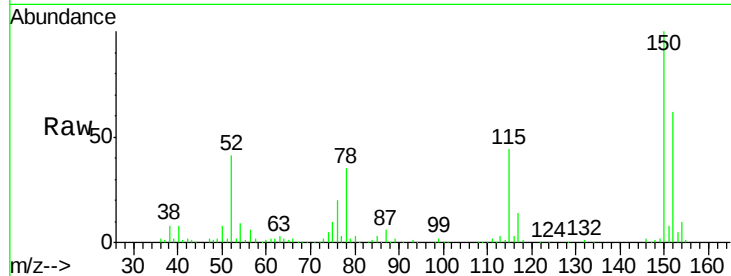
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Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	125.8	188.6
115	71.6	51.5	77.3

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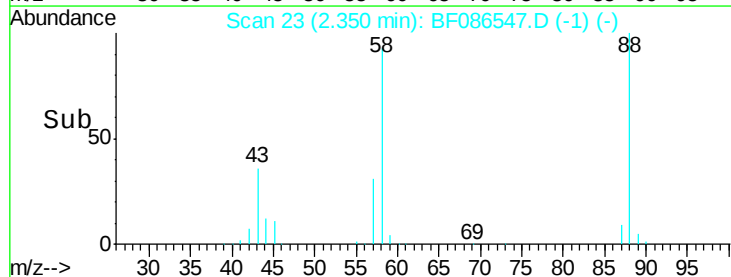
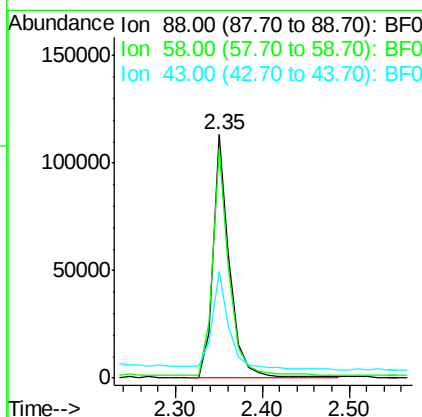
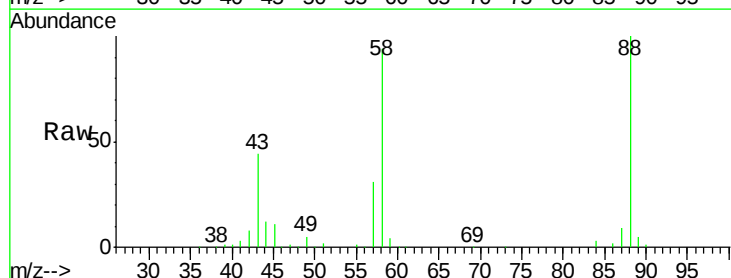
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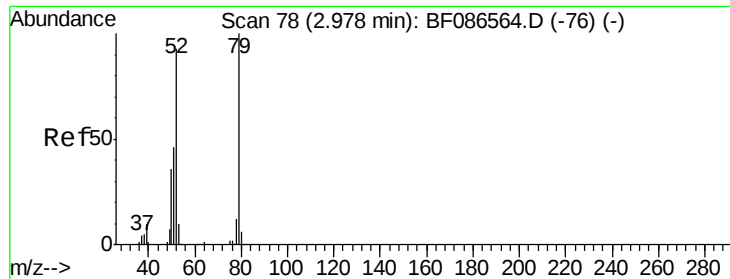


#2

1,4-Dioxane
Concen: 35.57 ng
RT: 2.35 min Scan# 23
Delta R.T. -0.01 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.3	59.6	89.4#
43	41.2	21.8	32.6#





#3

Pvridine

Concen: 43.53 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.02 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

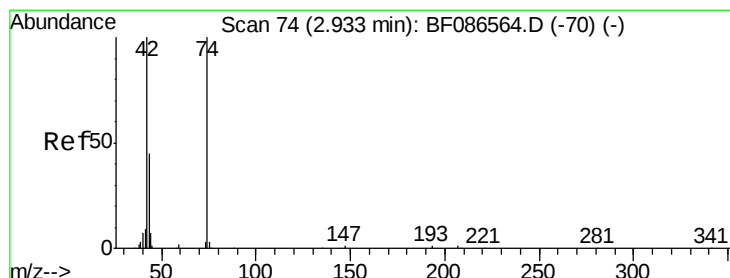
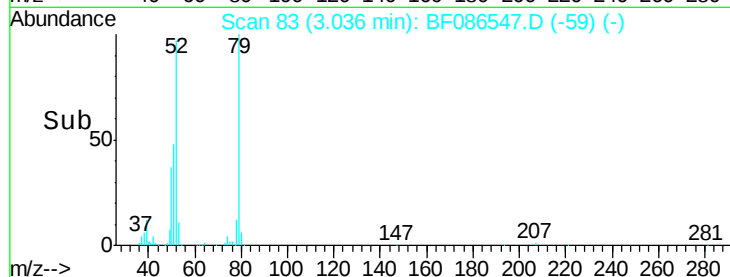
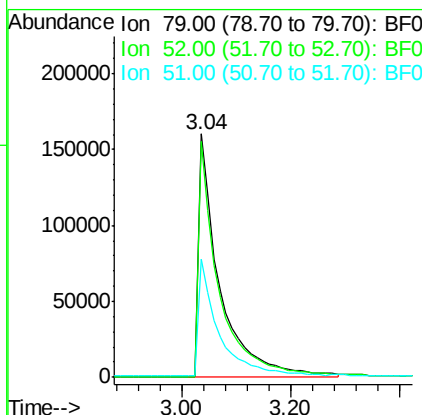
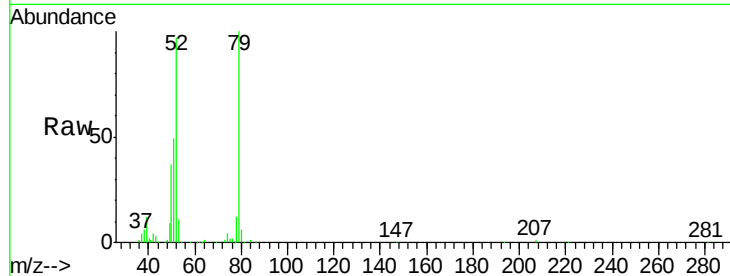
ClientSampleId :

SS5MS

Tot Ion:	79	Resp:	430131
Ion Ratio	Lower	Upper	
79	100		
52	96.8	55.9	83.9#
51	48.7	28.1	42.1#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.66 ng

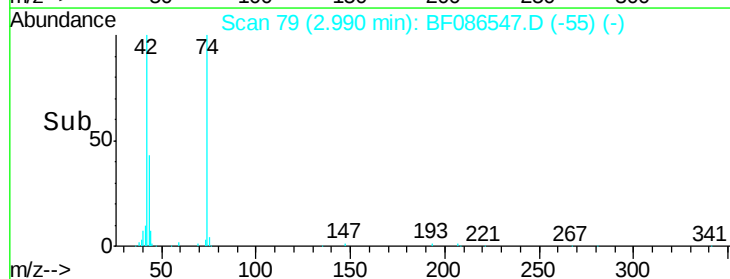
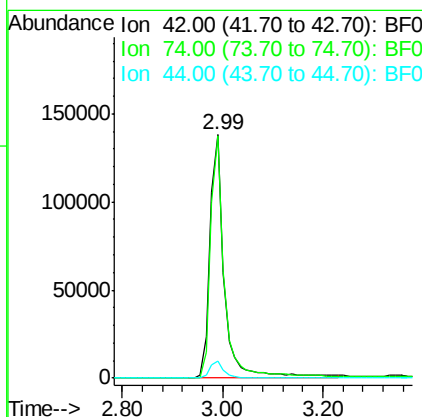
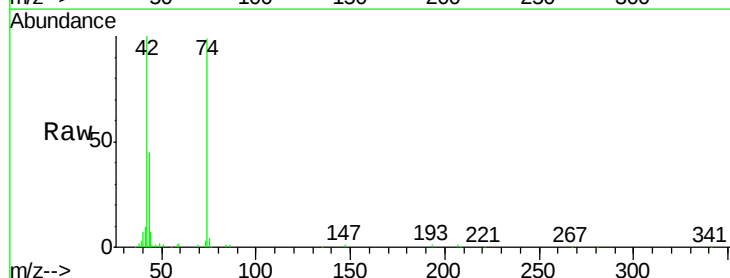
RT: 2.99 min Scan# 79

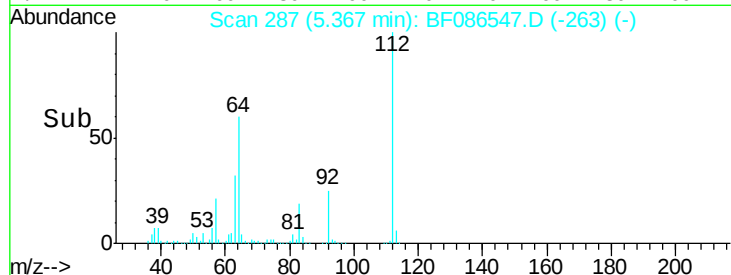
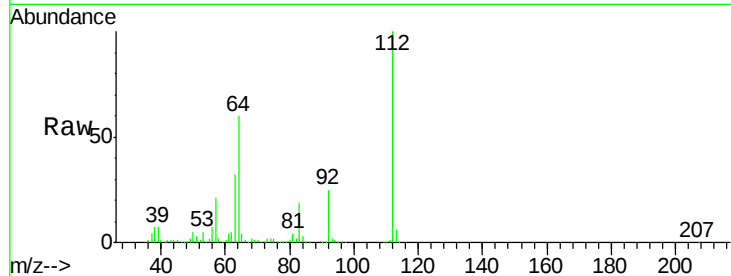
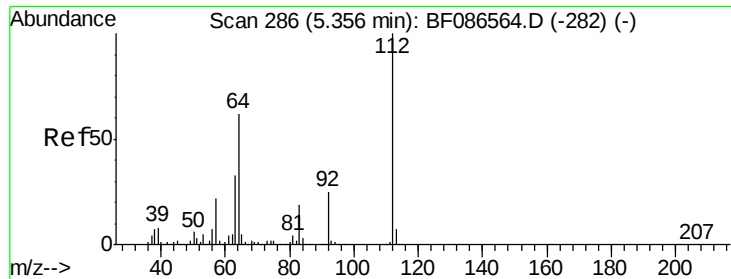
Delta R.T. -0.02 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Tgt Ion:	42	Resp:	274024
Ion Ratio	Lower	Upper	
42	100		
74	99.5	123.4	185.0#
44	6.9	5.8	8.6





#5

2-Fluorophenol

Concen: 140.10 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

SS5MS

Tot Ion:112 Resp: 1113387

Ion Ratio Lower Upper

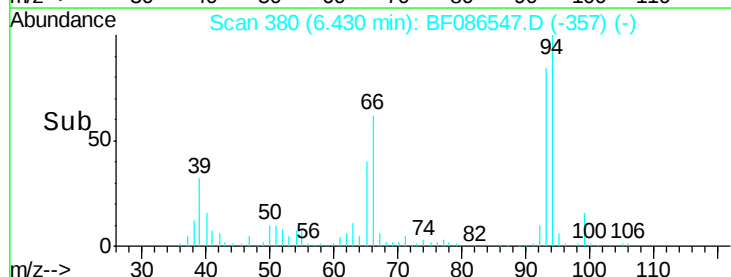
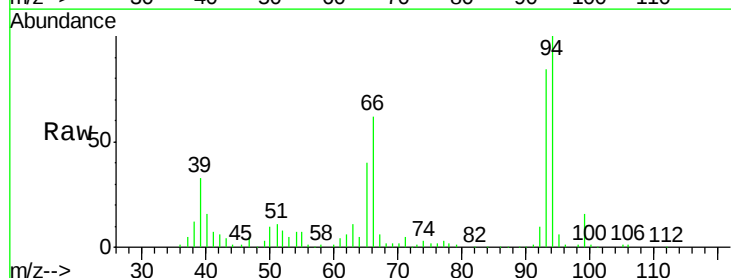
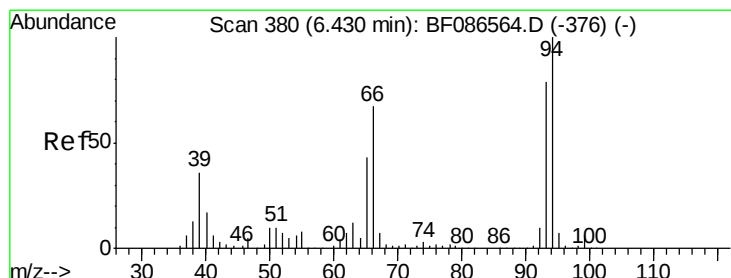
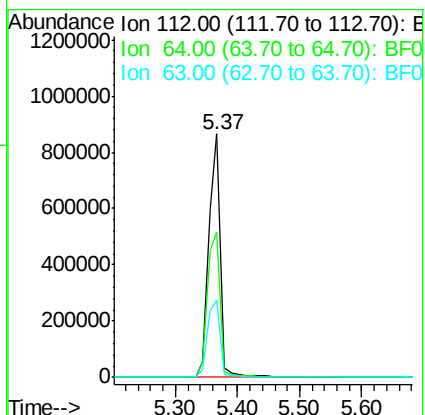
112 100

64 59.7 52.1 78.1

63 31.9 25.7 38.5

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#6

Aniline

Concen: 18.50 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

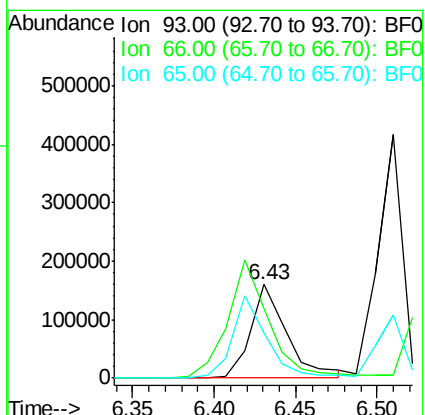
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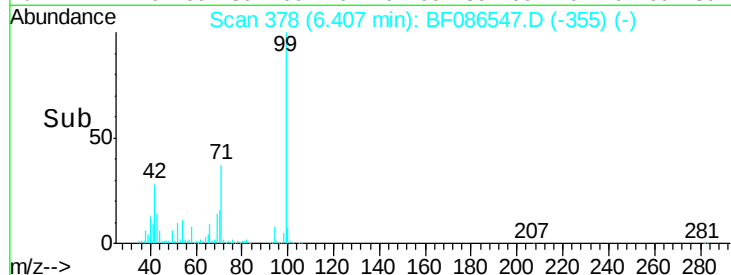
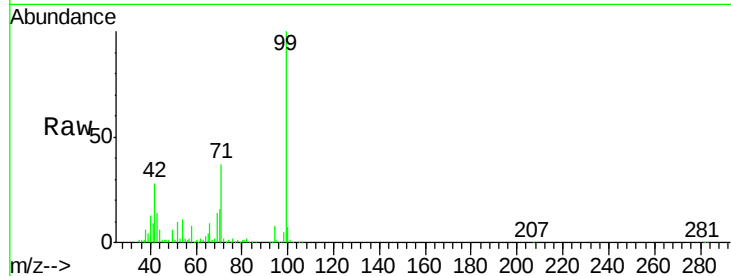
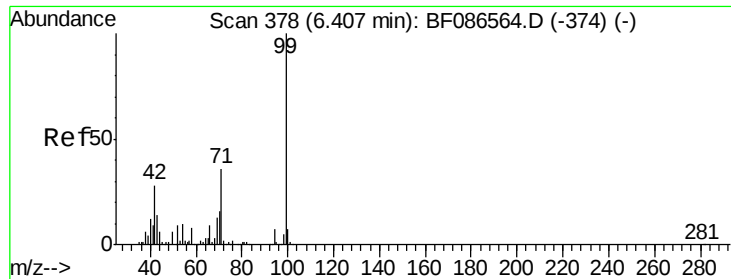
Ion Ratio Lower Upper

93 100

66 74.2 39.0 58.6#

65 47.8 20.6 31.0#





#7

Phenol-d6

Concen: 129.38 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Tot Ion: 99 Resp: 1435035

Ion Ratio Lower Upper

99 100

42 27.6 13.6 20.4#

71 36.9 24.6 36.8#

Instrument :

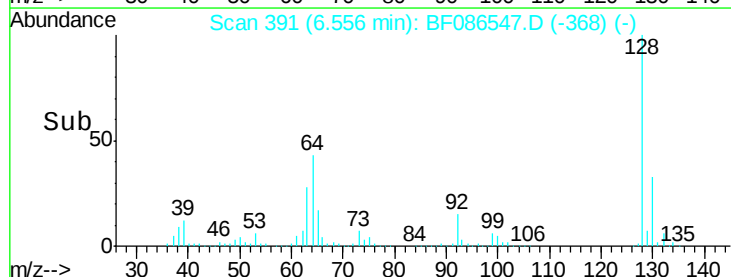
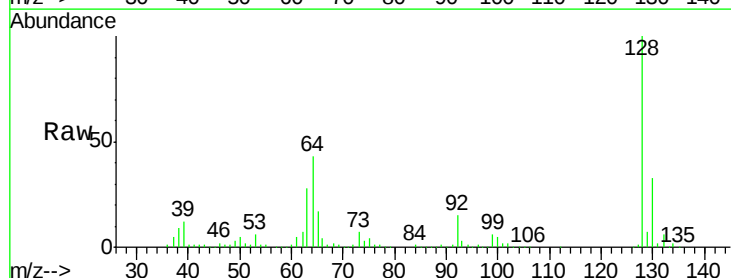
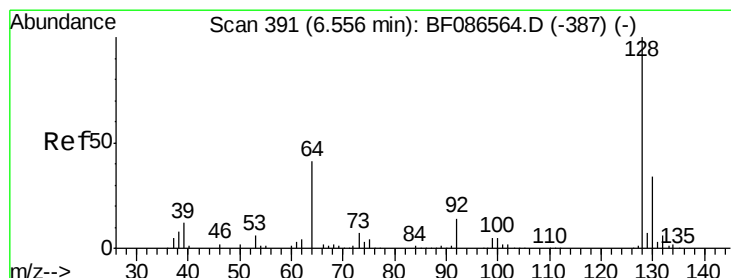
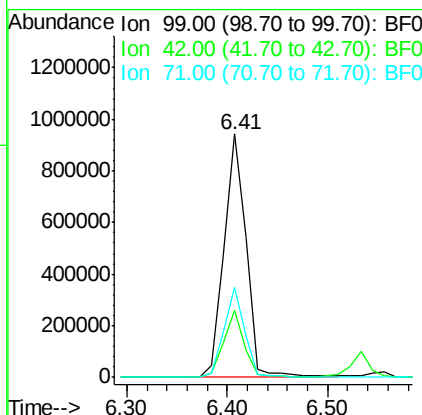
BNA_F

ClientSampleId :

SS5MS

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#8

2-Chlorophenol

Concen: 43.39 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

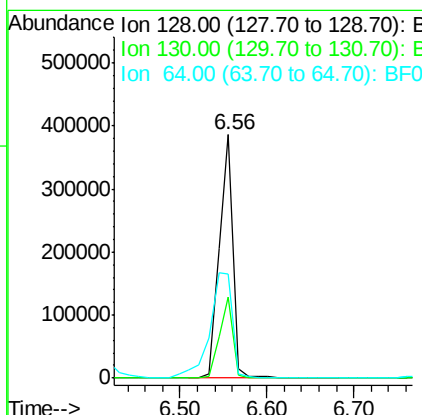
Tgt Ion:128 Resp: 429478

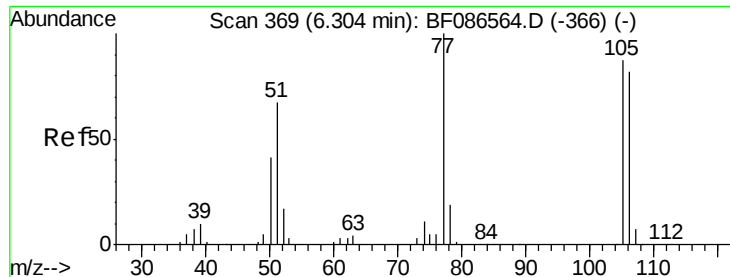
Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

64 42.9 27.3 67.3





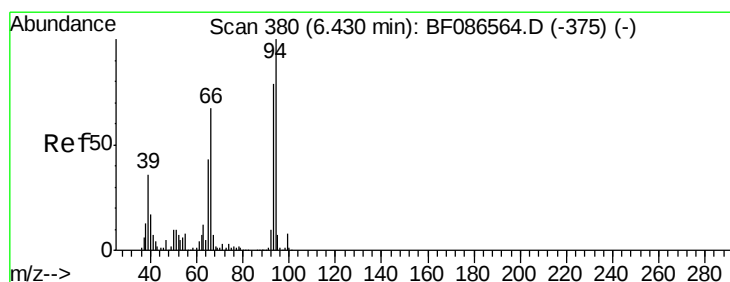
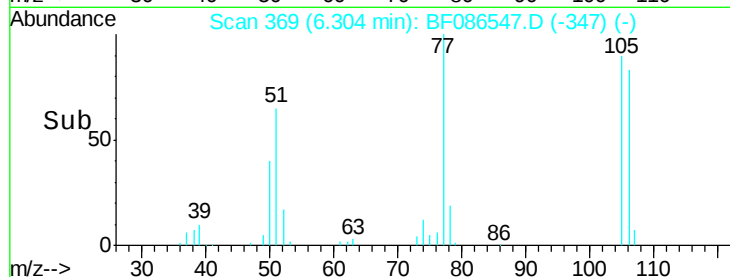
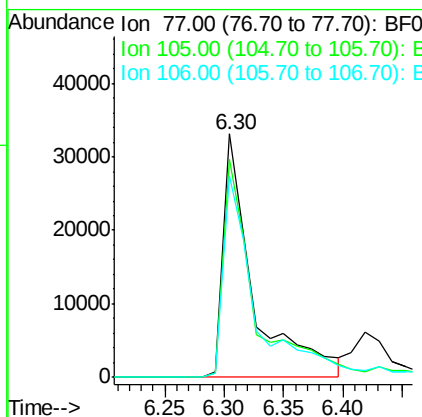
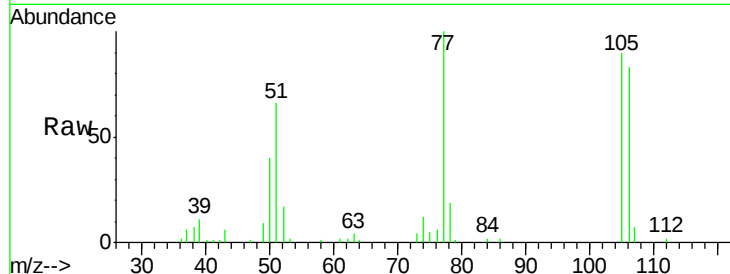
#9
Benzaldehyde
Concen: 9.05 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.5	72.7	112.7
106	82.5	70.8	110.8

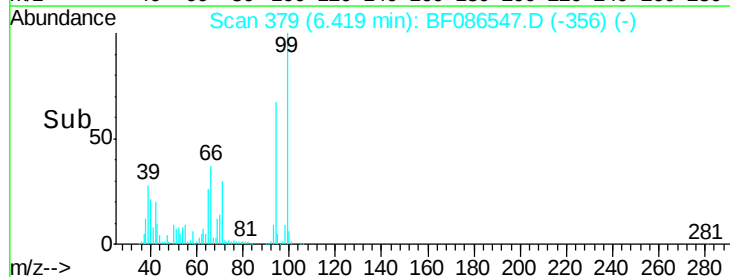
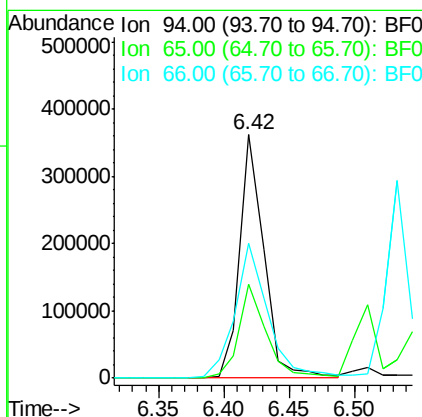
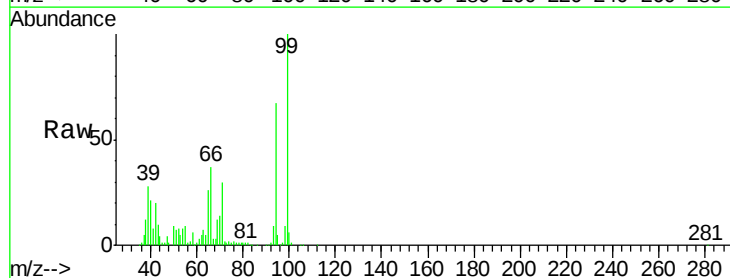
Manual Integrations
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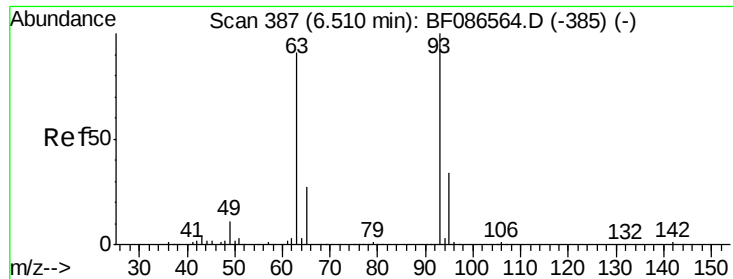
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#10
Phenol
Concen: 37.83 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.7	7.2	47.2
66	55.6	14.9	54.9





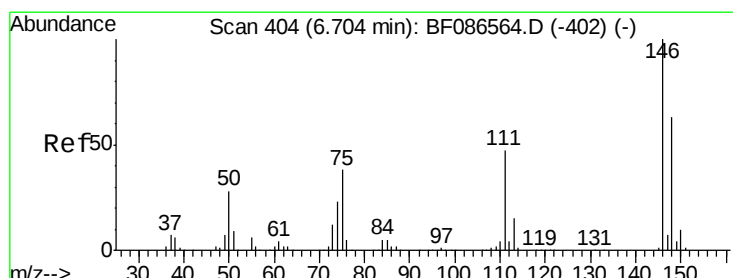
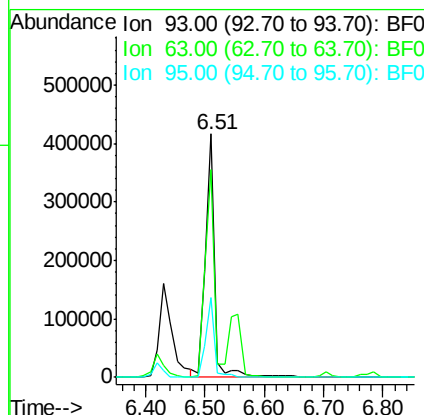
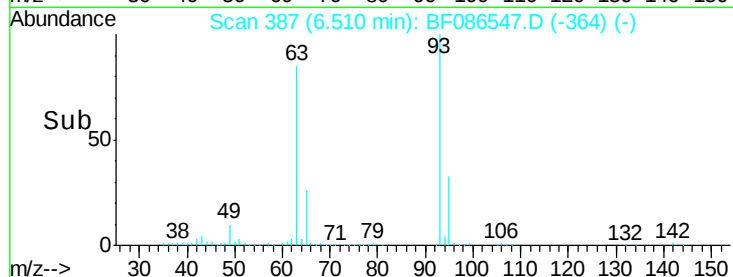
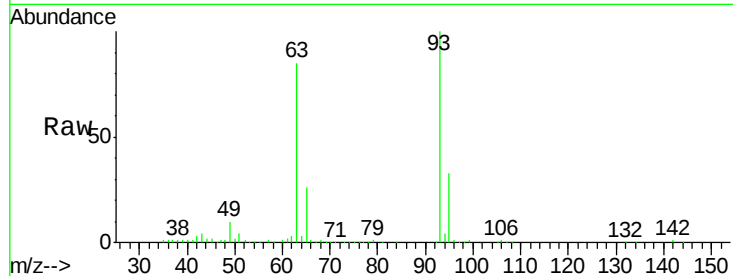
#11
bis(2-Chloroethyl)ether
Concen: 43.33 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampled :
SS5MS

Tot Ion:	93	Resp:	463532
Ion Ratio	Lower	Upper	
93	100		
63	85.3	58.0	98.0
95	32.9	11.9	51.9

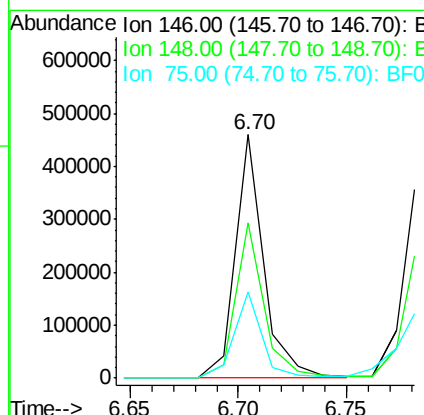
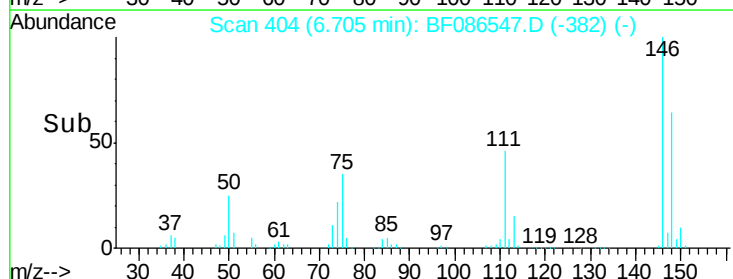
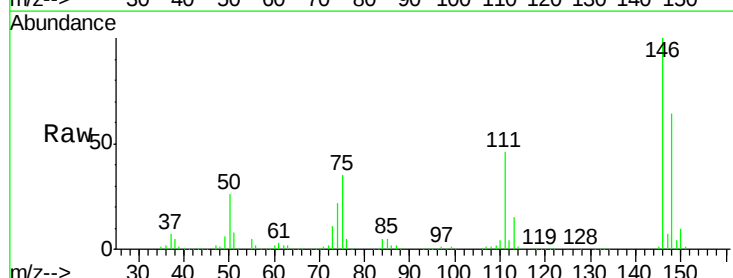
Manual Integrations
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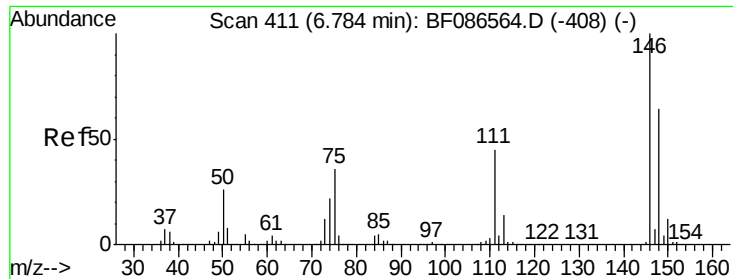
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#12
1,3-Dichlorobenzene
Concen: 39.77 ng m
RT: 6.70 min Scan# 404
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion:	146	Resp:	423445
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.4	78.6
75	35.2	22.8	34.2#





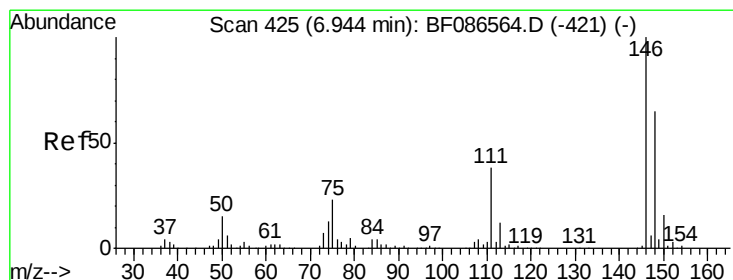
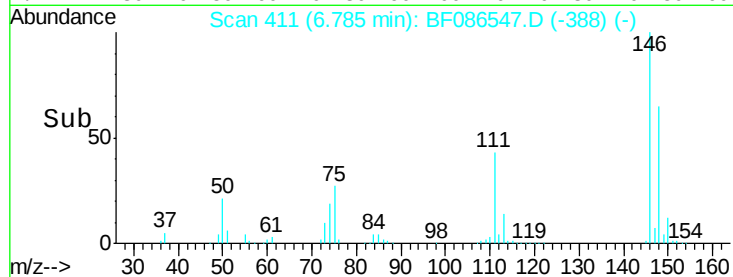
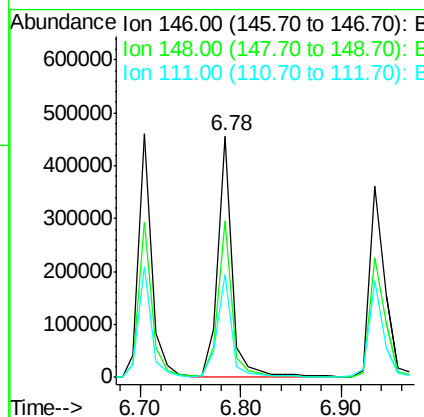
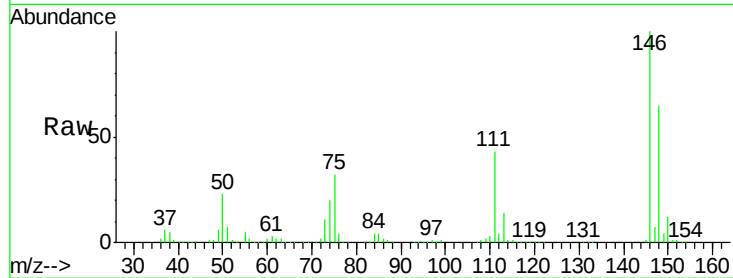
#13
 1,4-Dichlorobenzene
 Concen: 40.76 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
447722	146	100			
	148	64.7	52.2	78.4	
	111	42.5	30.7	46.1	

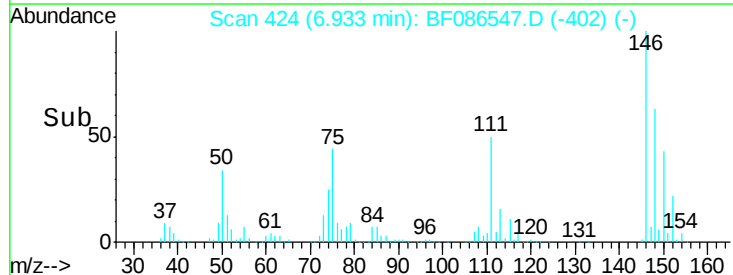
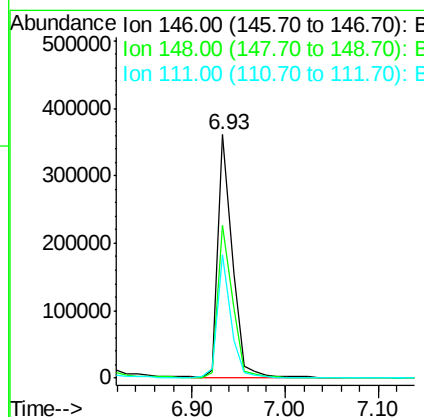
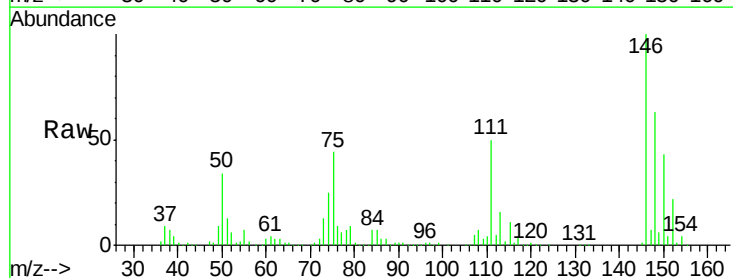
Manual Integrations
 APPROVED

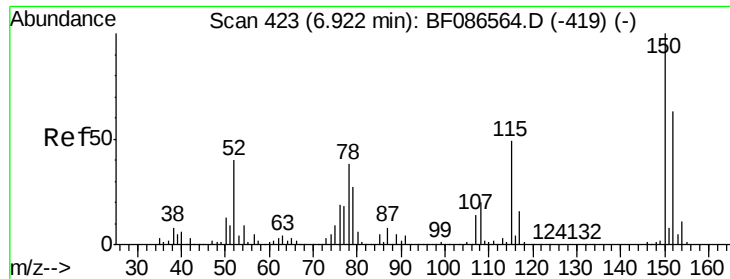
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#14
 1,2-Dichlorobenzene
 Concen: 38.14 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
384189	146	100			
	148	62.7	51.0	76.6	
	111	50.4	36.2	54.4	





#15

Benzyl Alcohol

Concen: 49.84 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

SS5MS

Tot Ion: 79 Resp: 349696

Ion Ratio Lower Upper

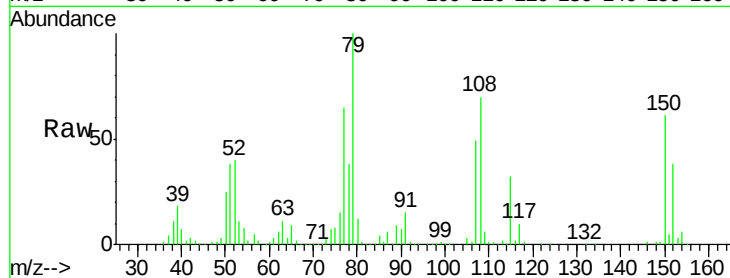
79 100

108 70.2 68.4 102.6

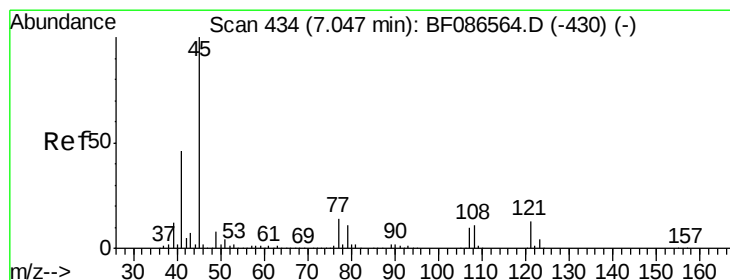
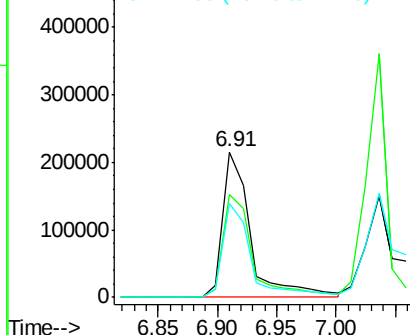
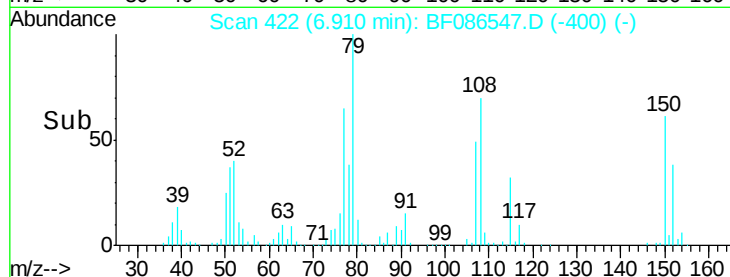
77 64.7 50.6 76.0

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.82 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

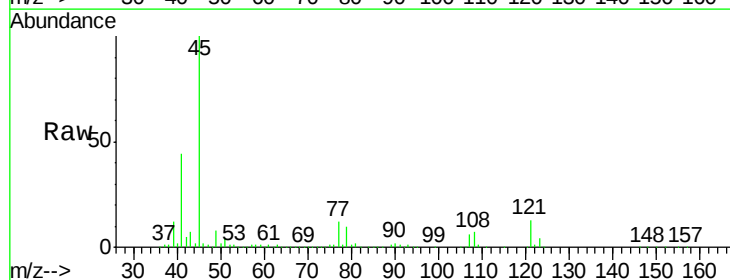
Tgt Ion: 45 Resp: 874112

Ion Ratio Lower Upper

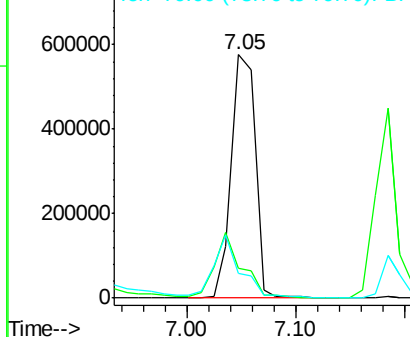
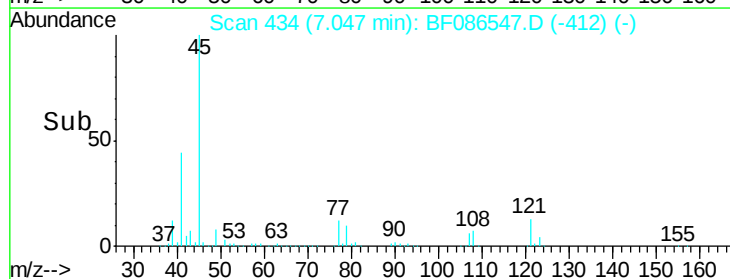
45 100

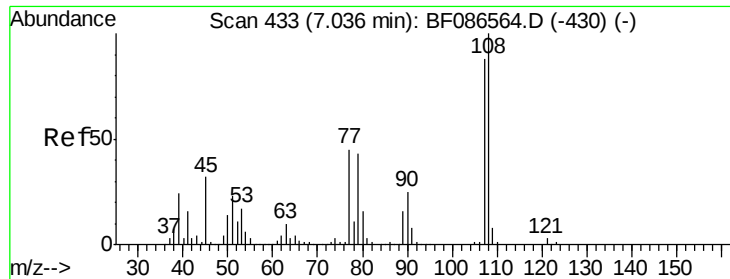
77 12.4 0.0 36.4

79 10.0 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





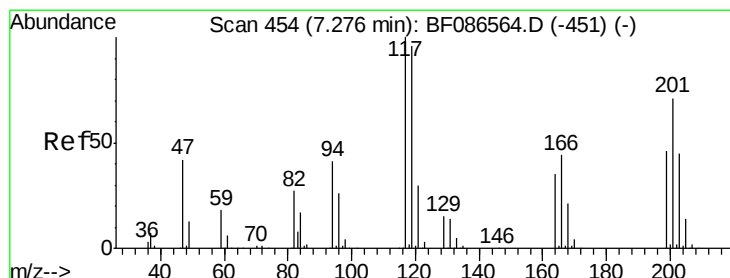
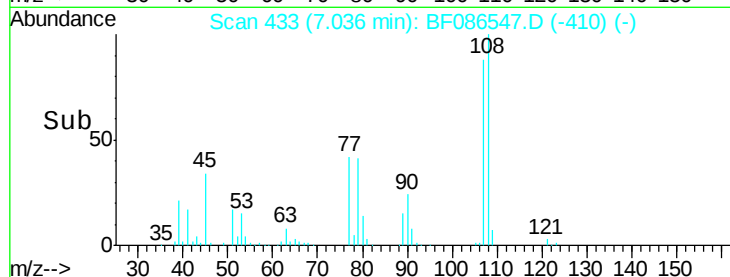
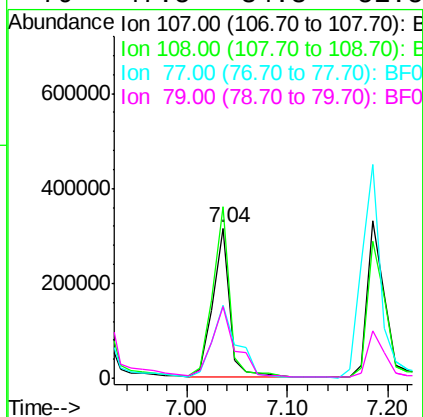
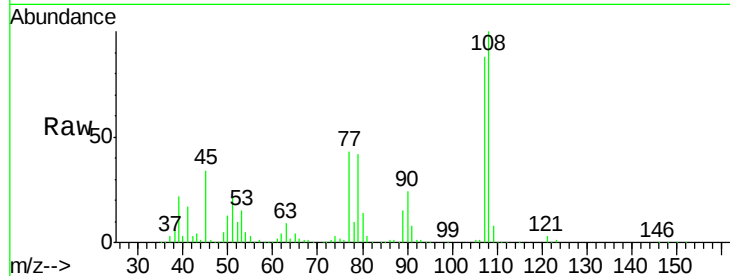
#17
2-Methylphenol
Concen: 46.43 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

Tot Ion:	107	Resp:	371451
Ion Ratio	Lower	Upper	
107	100		
108	113.9	93.7	140.5
77	48.8	33.4	50.0
79	47.5	34.3	51.5

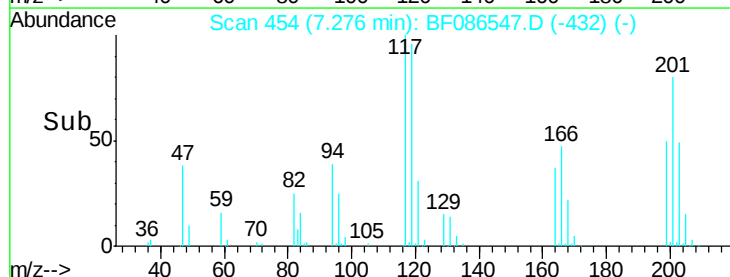
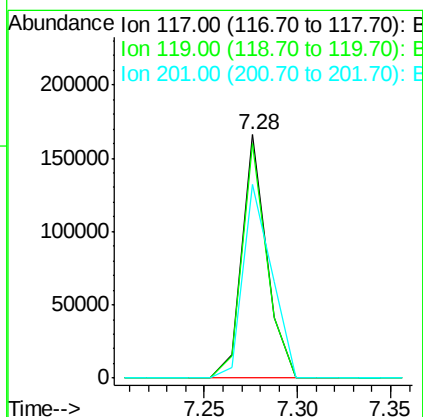
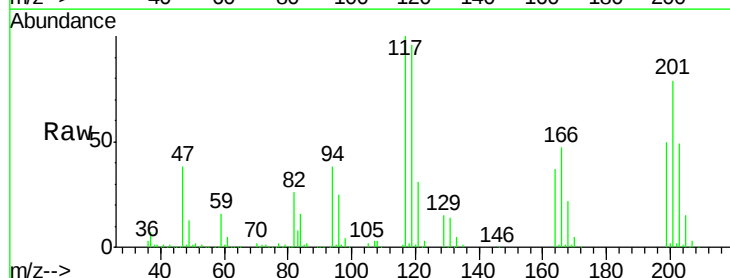
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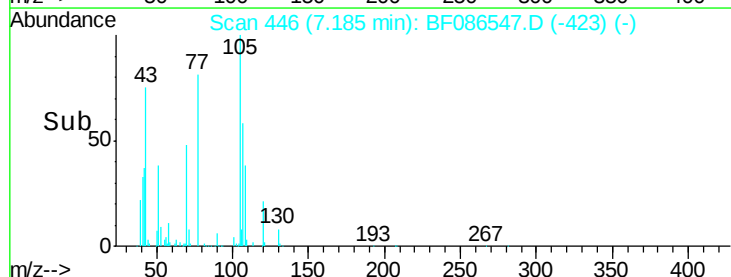
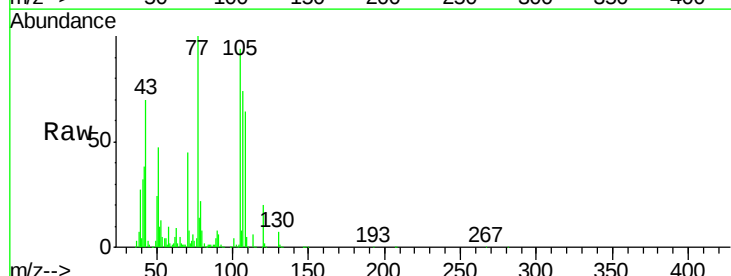
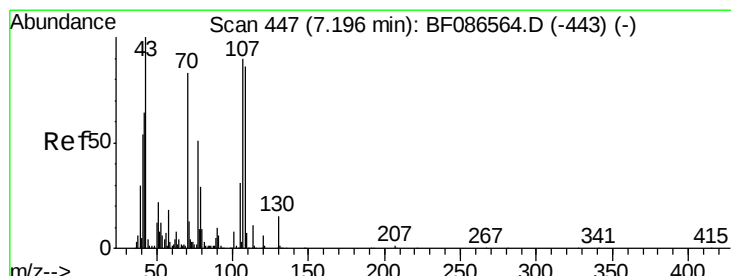
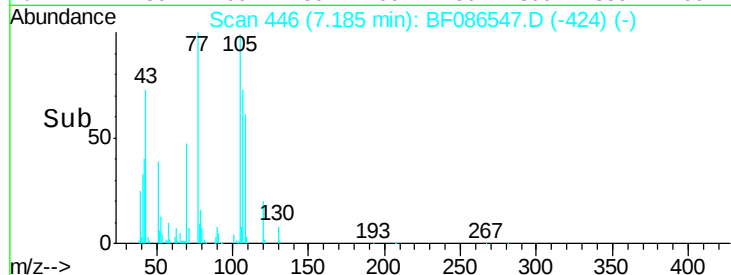
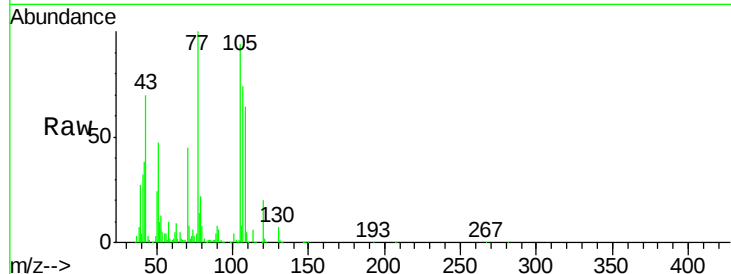
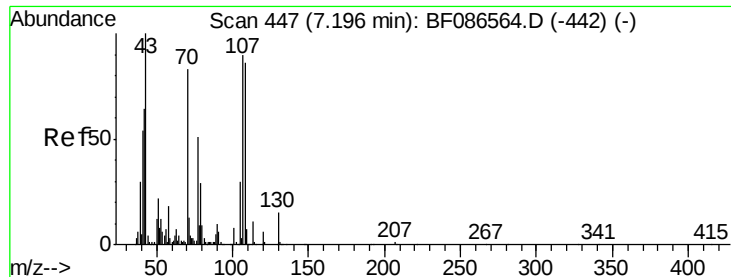
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#18
Hexachloroethane
Concen: 37.40 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion:	117	Resp:	153547
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.5	114.7
201	79.4	63.0	94.6





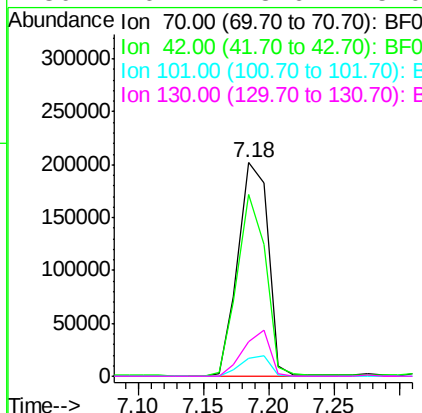
#19
n-Nitroso-di-n-propylamine
Concen: 44.62 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	85.0	43.1	64.7#
101	8.7	8.1	12.1
130	16.2	18.6	28.0#

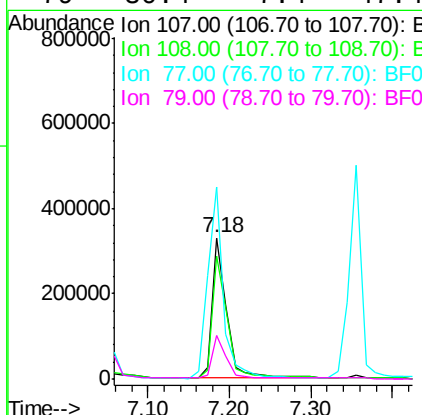
Manual Integrations
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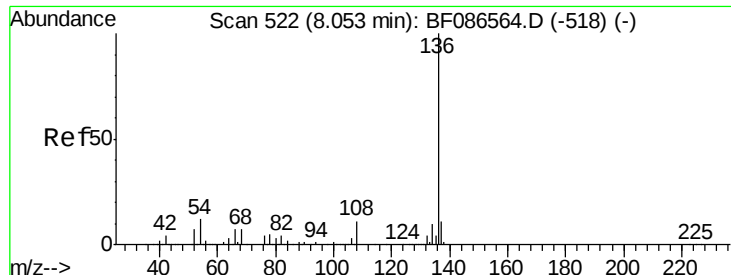
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#20
3+4-Methylphenols
Concen: 45.31 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.1	68.5	108.5
77	135.7	101.6	141.6
79	30.4	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

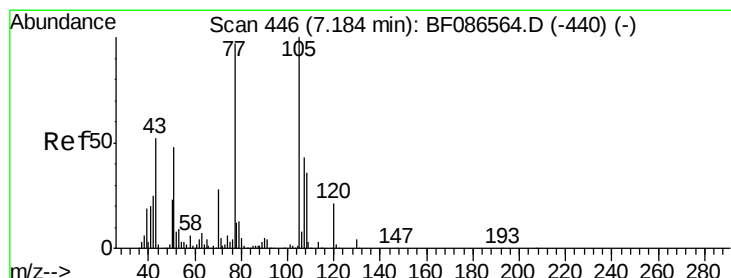
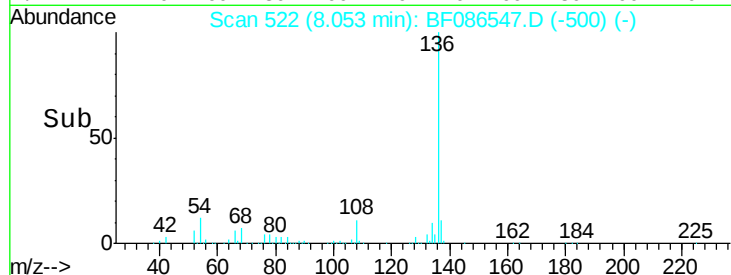
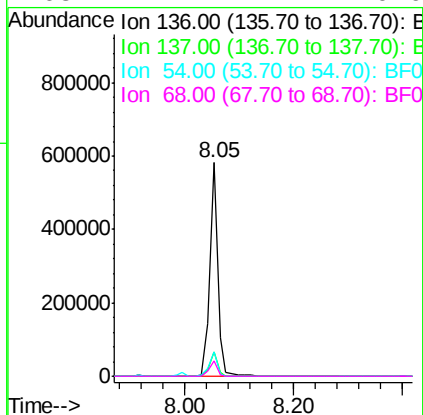
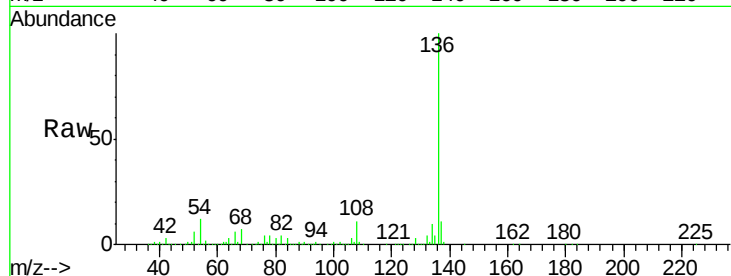
ClientSampleId :

SS5MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.7	5.0	7.4#
68	7.1	4.4	6.6#

Manual Integrations
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#22

Acetophenone

Concen: 45.56 ng

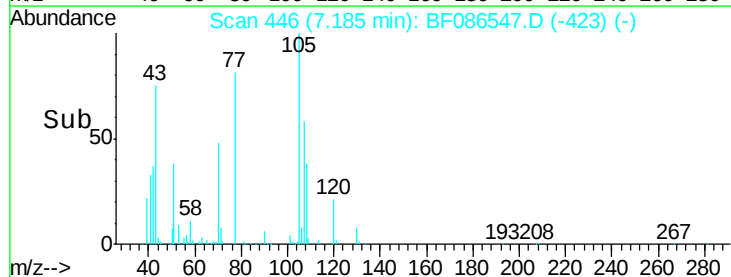
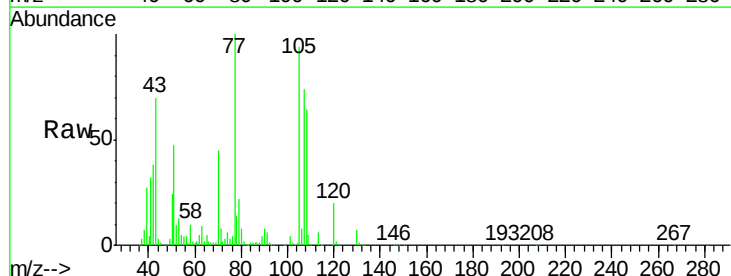
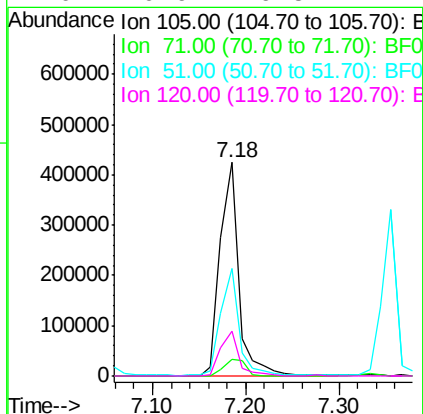
RT: 7.18 min Scan# 446

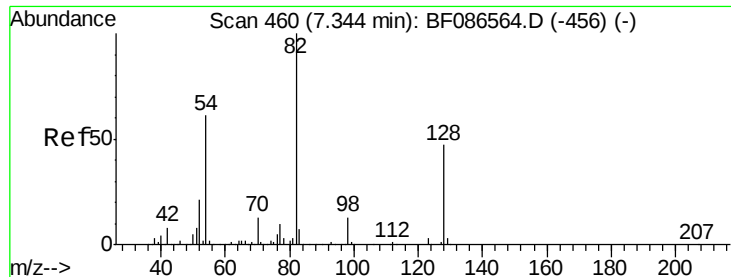
Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.0	4.8	7.2#
51	50.3	32.6	49.0#
120	20.9	16.5	24.7





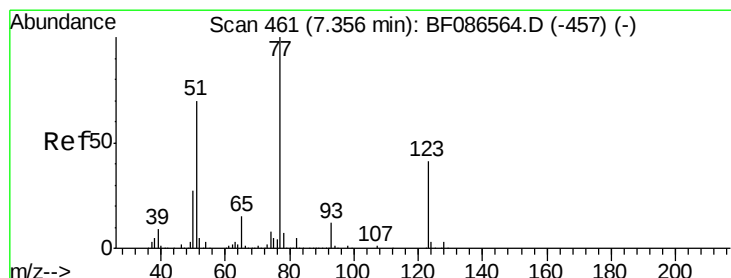
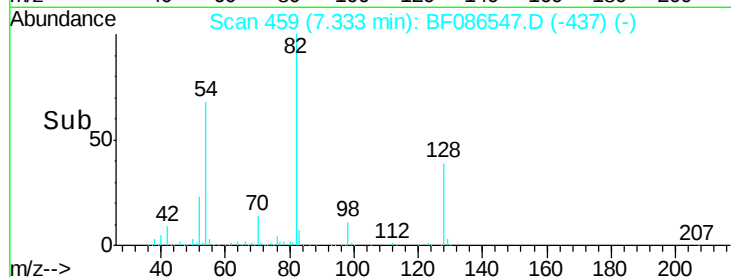
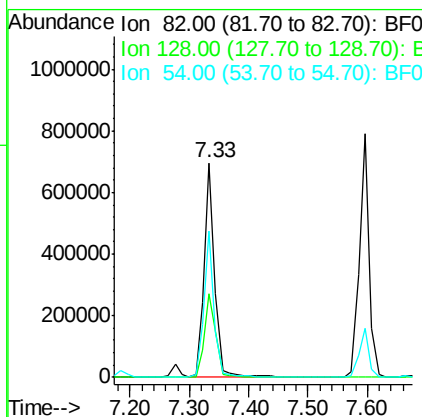
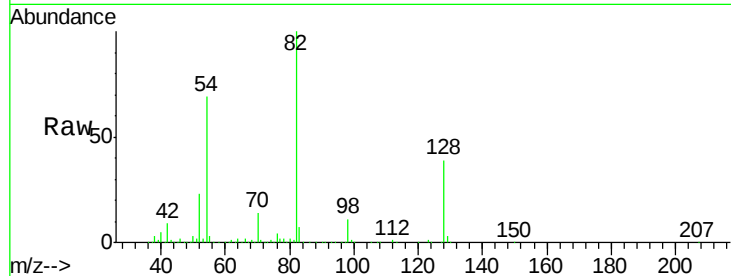
#23
Nitrobenzene-d5
Concen: 81.68 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampled :
SS5MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	903696		
128	39.3	40.6	61.0#	
54	68.5	38.1	57.1#	

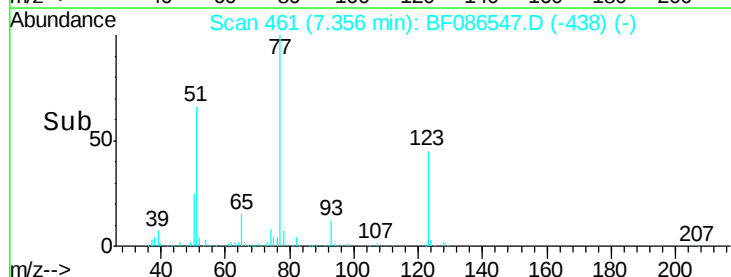
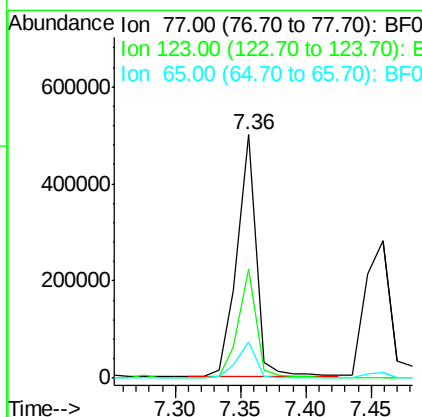
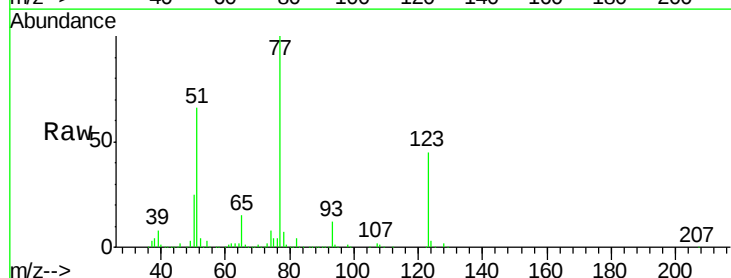
Manual Integrations
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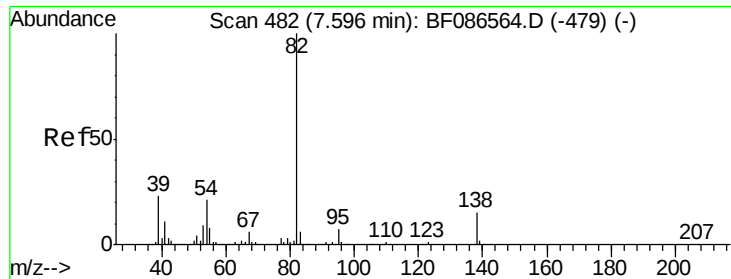
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#24
Nitrobenzene
Concen: 45.04 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	512632		
123	45.1	33.0	49.4	
65	14.8	10.8	16.2	





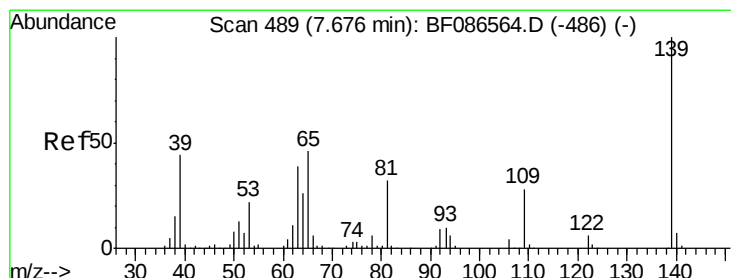
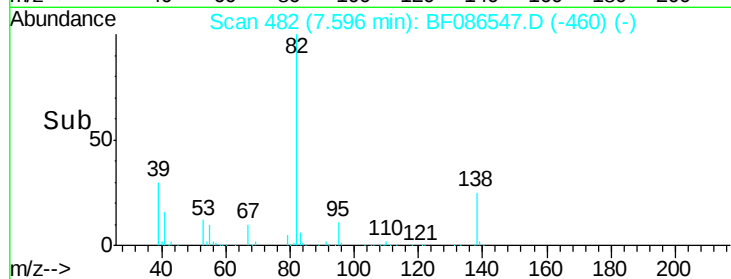
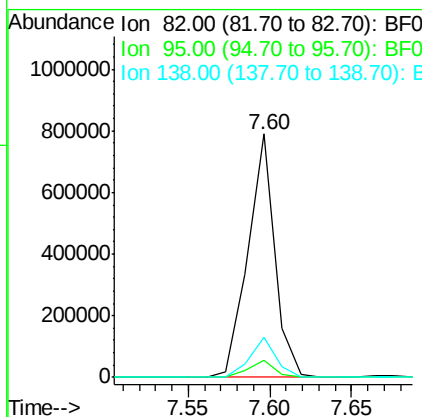
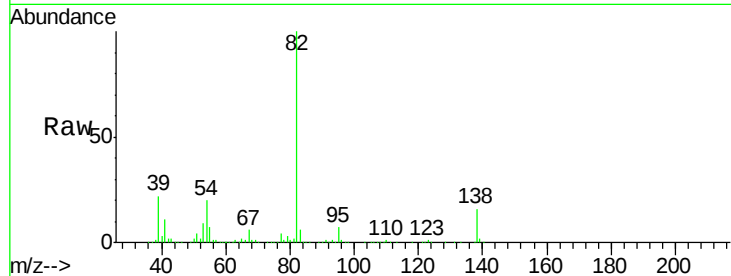
#25
Isophorone
Concen: 42.10 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampled :
SS5MS

Tot Ion	82	Resp	896532
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.1	7.7
138	16.4	12.4	18.6

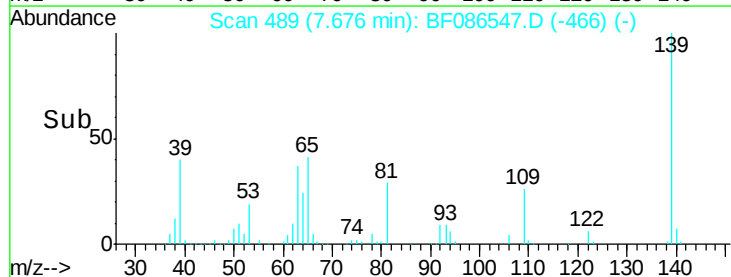
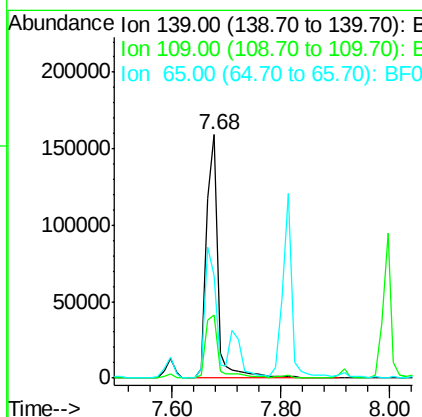
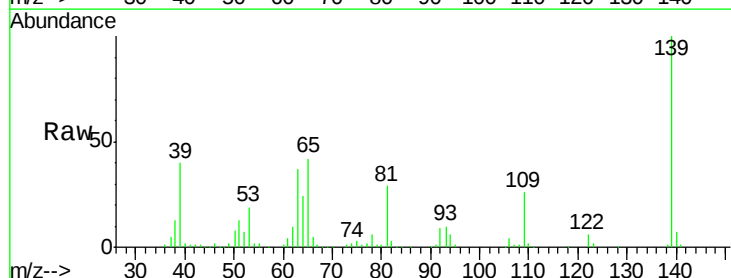
Manual Integrations
APPROVED

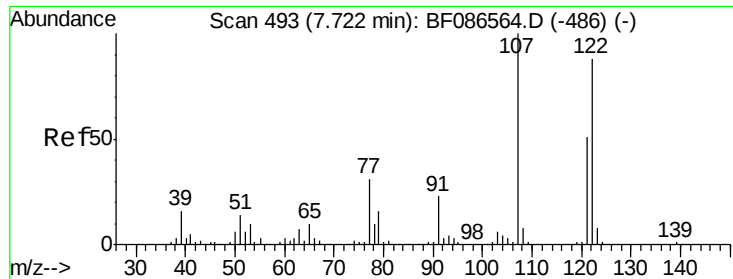
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#26
2-Nitrophenol
Concen: 43.99 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	139	Resp	230521
Ion Ratio	Lower	Upper	
139	100		
109	26.1	19.5	29.3
65	42.0	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 43.16 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

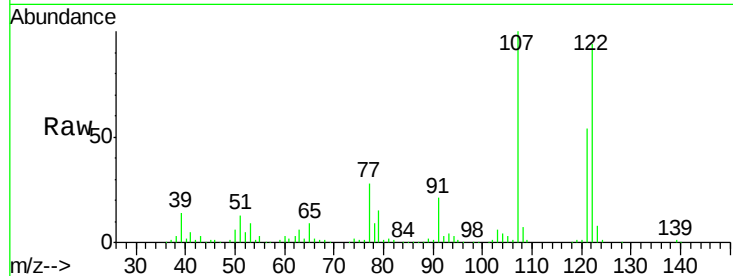
ClientSampleId :

SS5MS

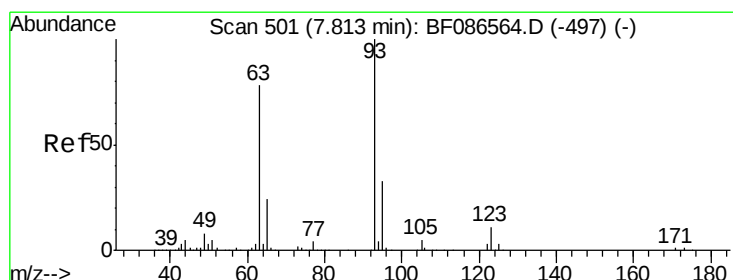
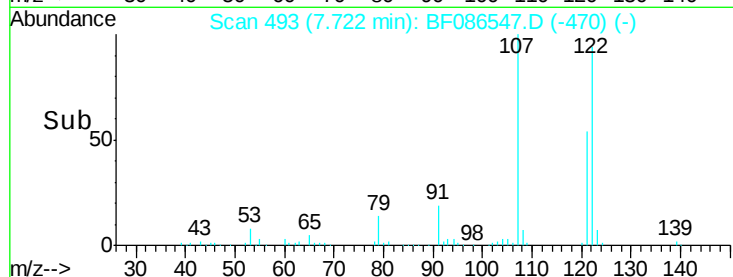
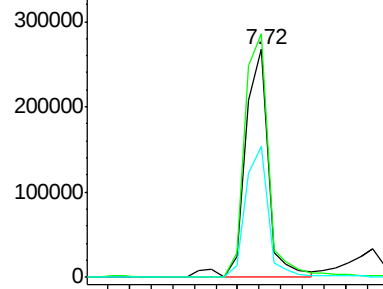
Tot Ion:	122	Resp:	396877
Ion Ratio	Lower	Upper	
122	100		
107	106.7	82.0	123.0
121	57.6	46.1	69.1

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.94 ng

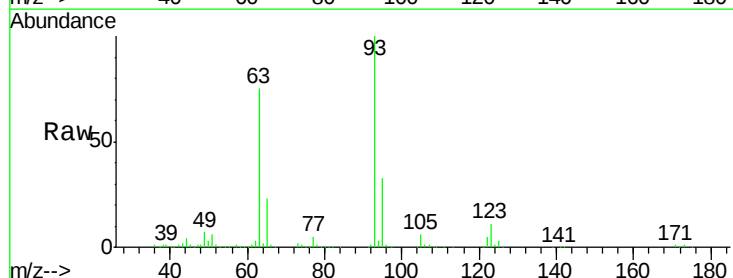
RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

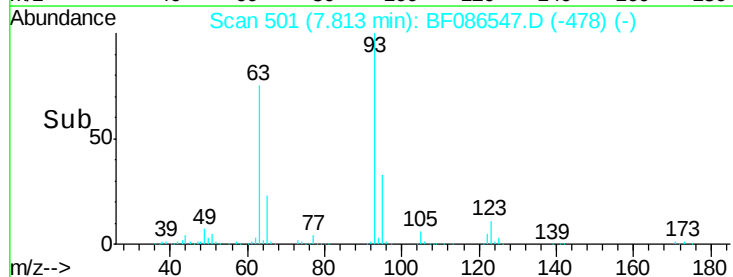
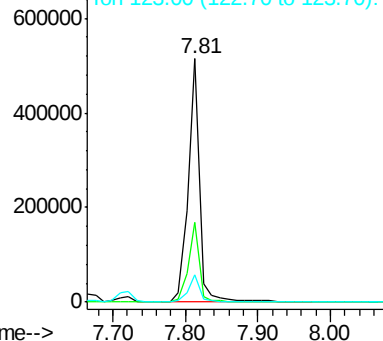
Lab File: BF086547.D

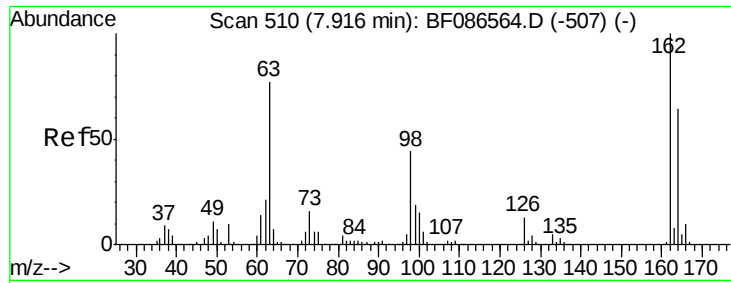
Acq: 1 May 2016 3:20

Tgt Ion:	93	Resp:	556105
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	11.1	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





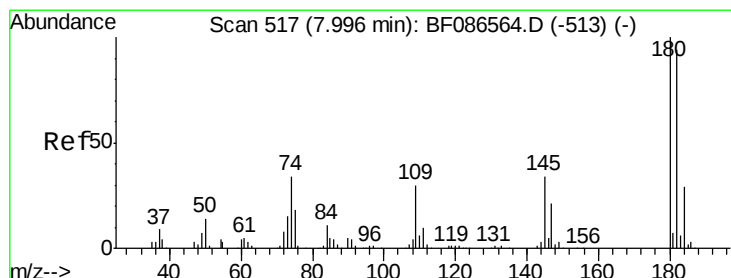
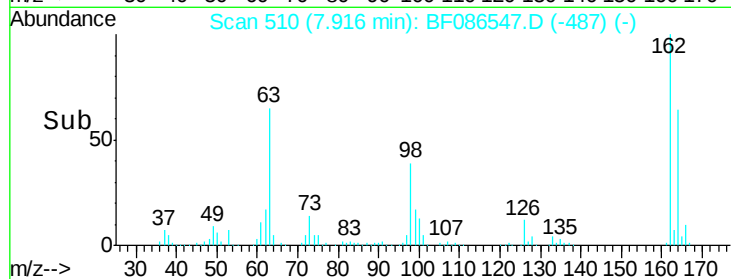
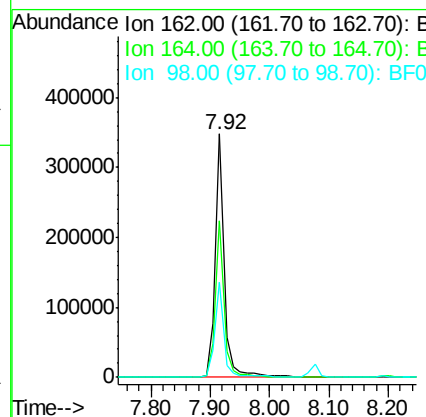
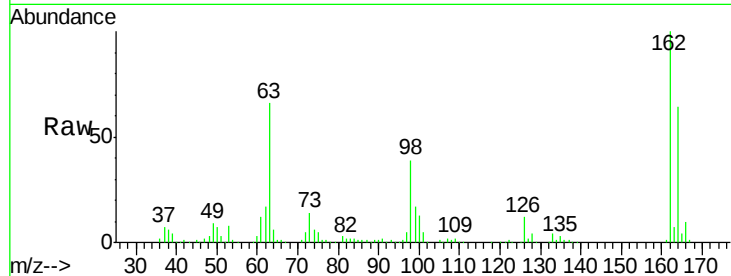
#29
 2,4-Dichlorophenol
 Concen: 47.59 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	42.2	82.2
98	39.3	19.0	59.0

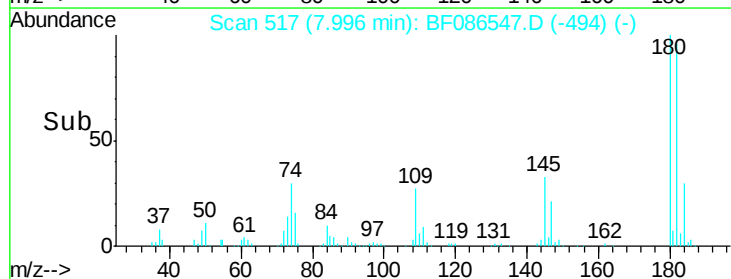
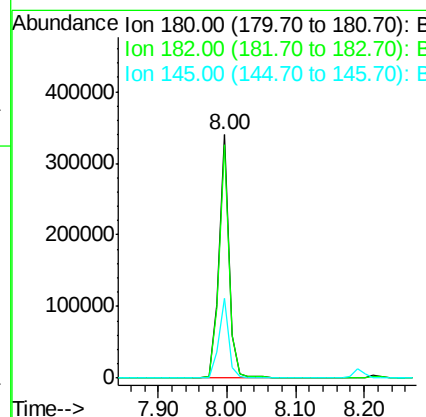
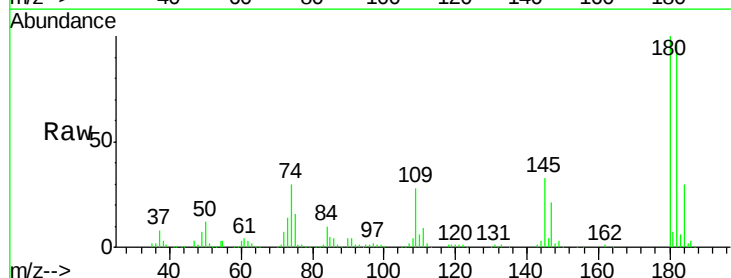
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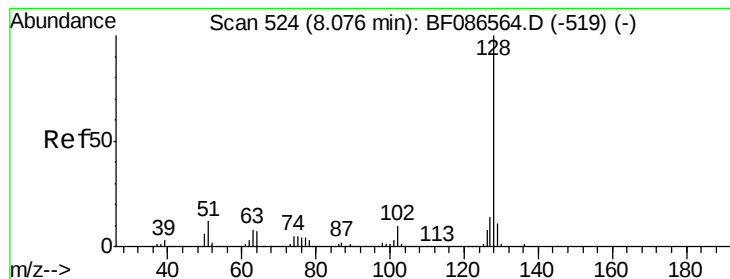
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.05 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	78.0	117.0
145	32.5	24.2	36.2





#31

Naphthalene

Concen: 41.37 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

Tot Ion:128 Resp: 1255529

Ion Ratio Lower Upper

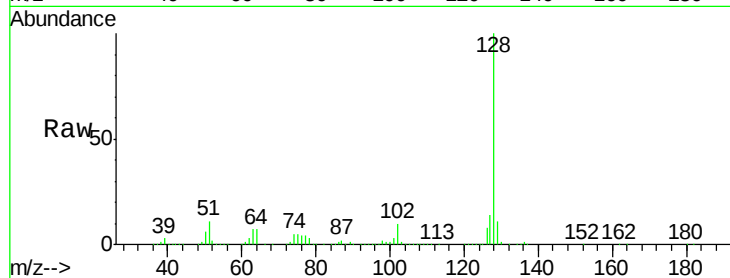
128 100

129 11.3 8.6 13.0

127 13.6 10.8 16.2

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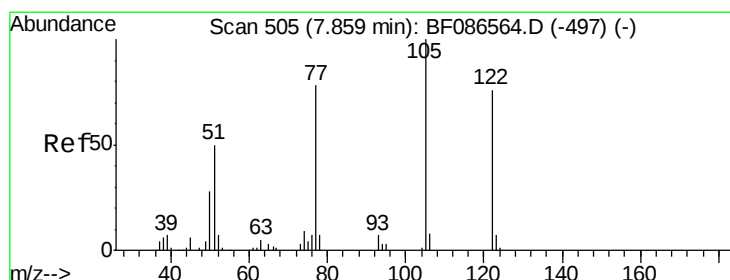
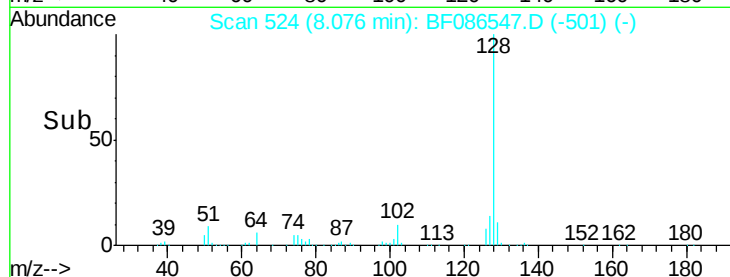
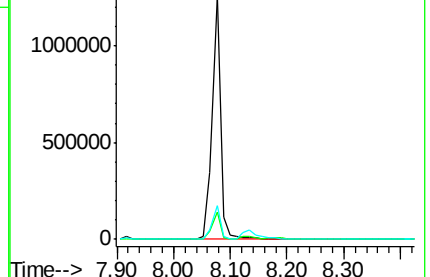
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.38 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.07 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

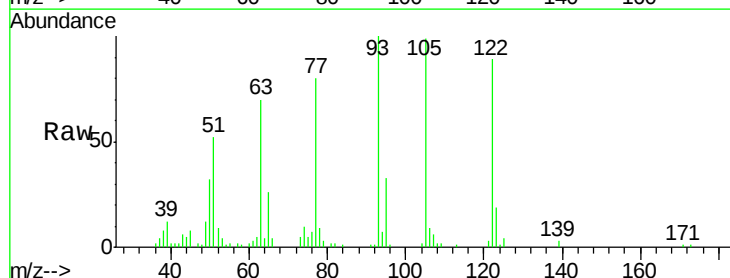
Tgt Ion:122 Resp: 85841

Ion Ratio Lower Upper

122 100

105 111.9 92.6 132.6

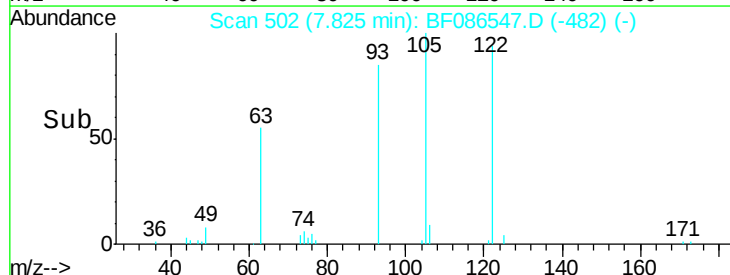
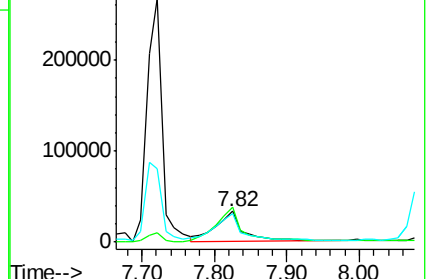
77 90.4 60.0 100.0

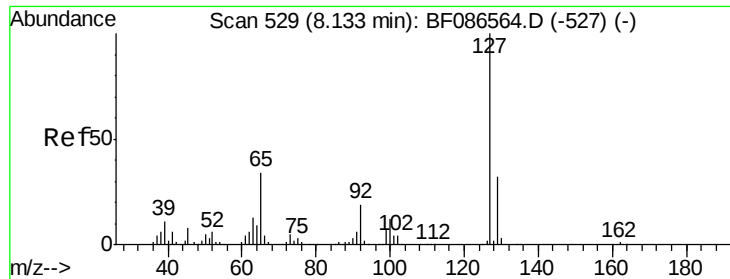


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





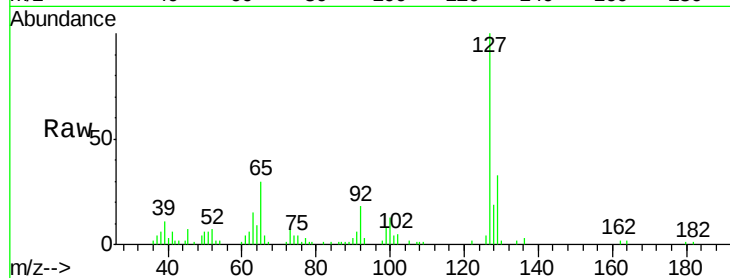
#33
4-Chloroaniline
Concen: 9.70 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampled :
SS5MS

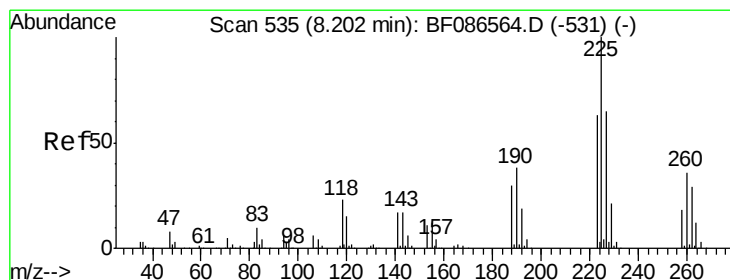
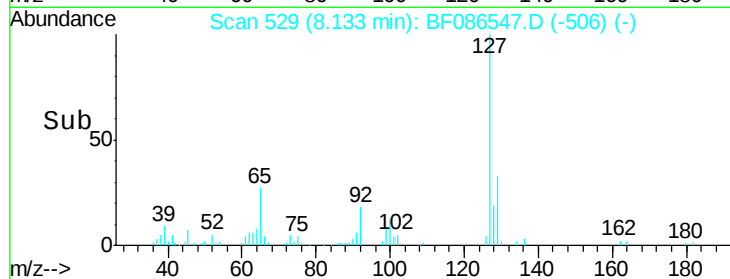
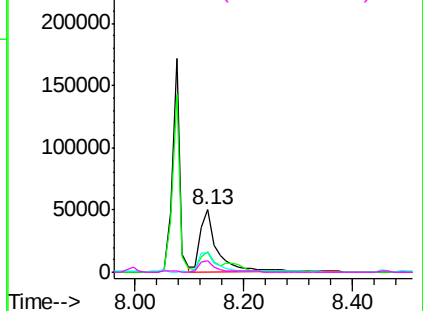
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		110210		
129	32.8	26.2	39.4		
65	30.3	23.0	34.4		
92	18.1	15.1	22.7		

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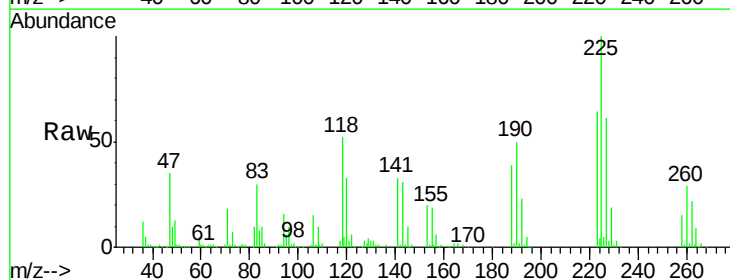


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

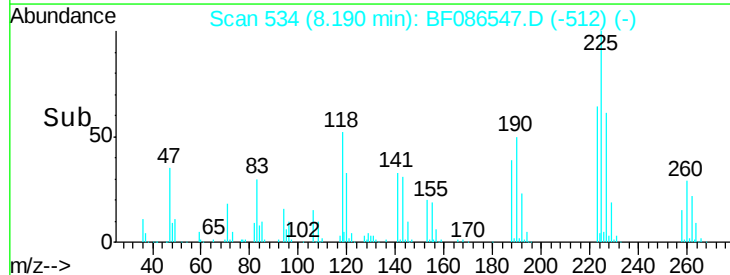
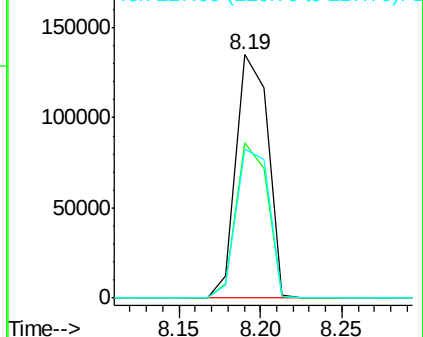


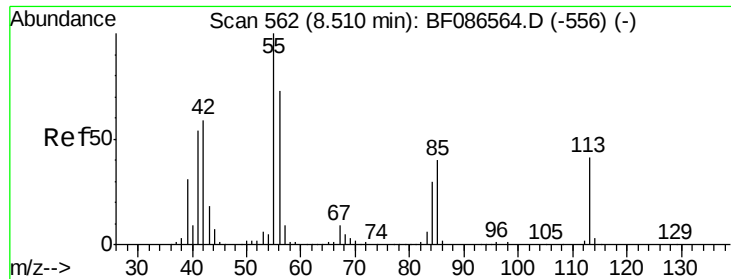
#34
Hexachlorobutadiene
Concen: 36.19 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		182566		
223	63.8	51.5	77.3		
227	61.0	52.2	78.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.62 ng/ml

RT: 8.50 min Scan# 561

Delta R.T. -0.06 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

SS5MS

Tot Ion:113 Resp: 120653
Ion Ratio Lower Upper

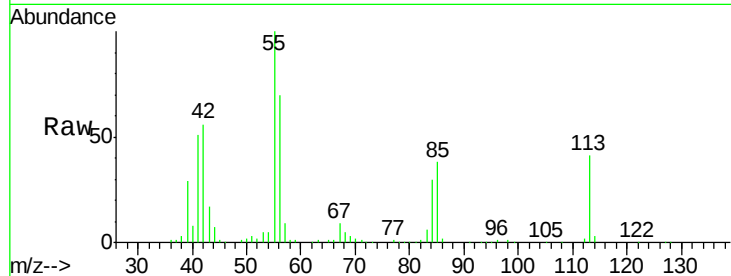
113 100

55 243.4 162.0 202.0#

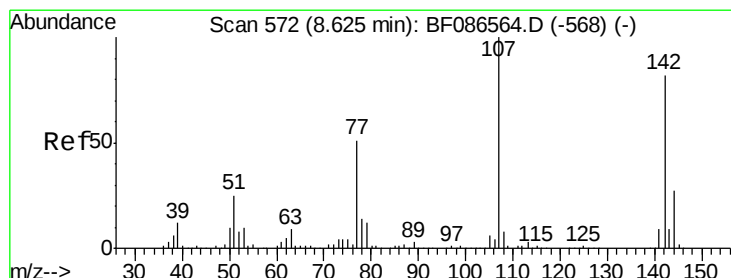
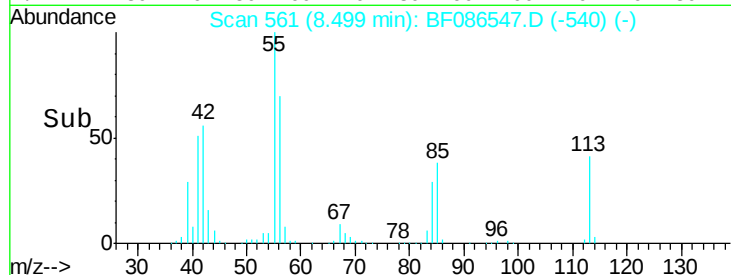
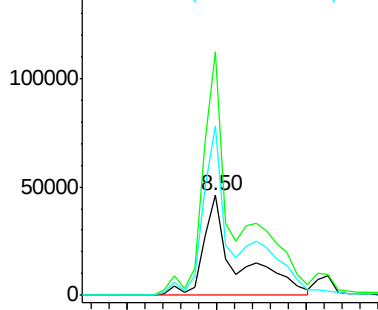
56 170.0 115.3 155.3#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.20 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF086547.D

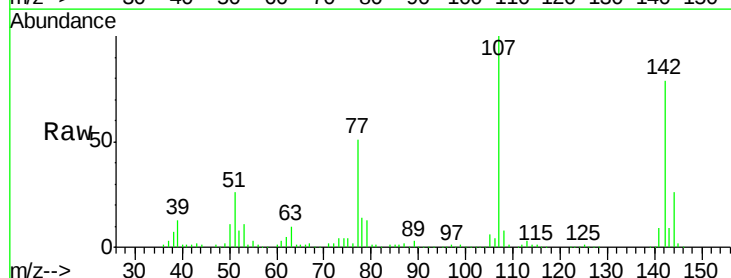
Acq: 1 May 2016 3:20

Tgt Ion:107 Resp: 428108
Ion Ratio Lower Upper

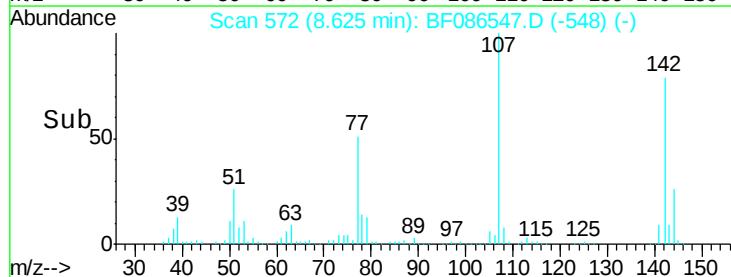
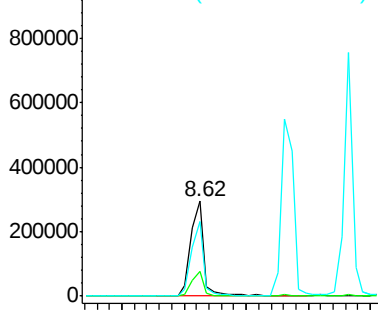
107 100

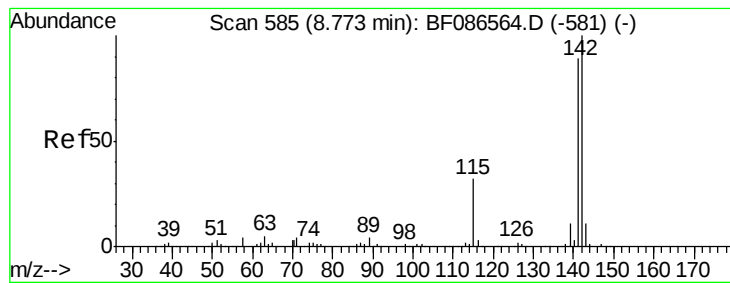
144 25.7 20.7 31.1

142 79.0 63.2 94.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





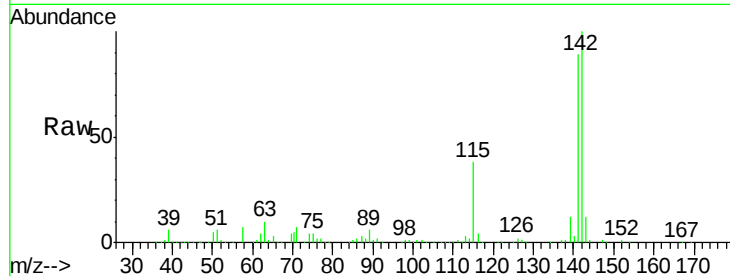
#37
2-Methylnaphthalene
Concen: 42.79 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	38.3	26.6	39.8

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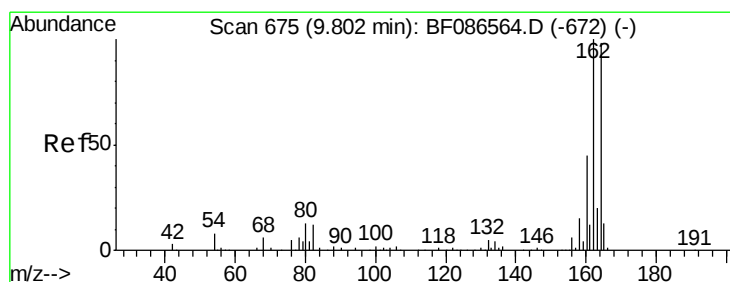
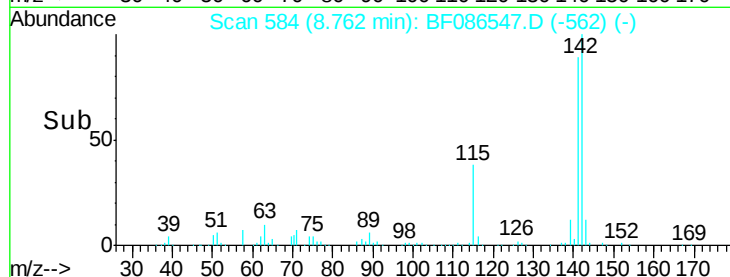
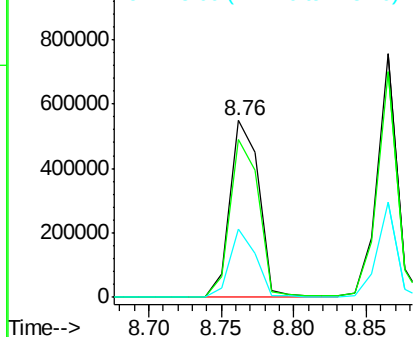


Abundance

Ion 142.00 (141.70 to 142.70): E

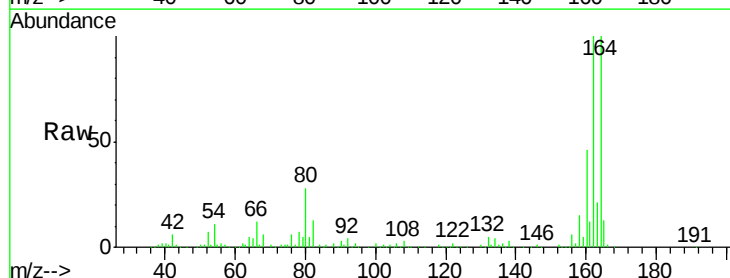
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.8	124.2
160	45.8	36.9	55.3

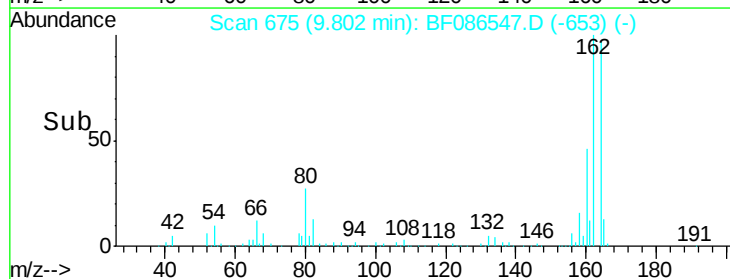
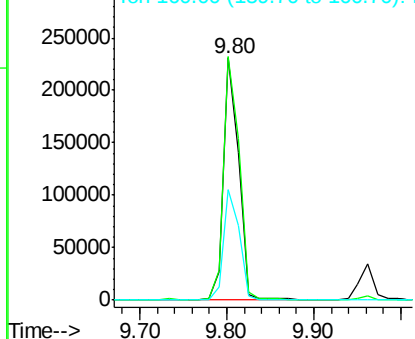


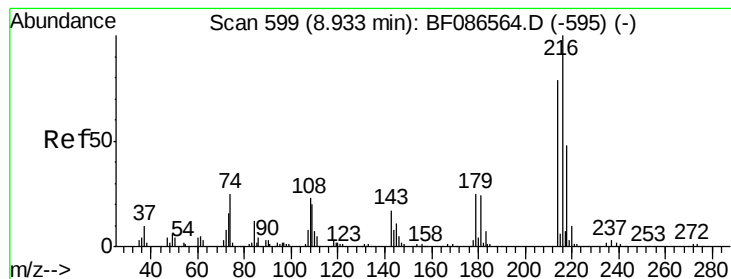
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.16 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

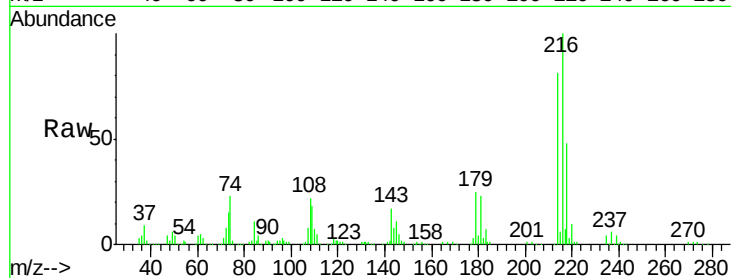
ClientSampled :

SS5MS

Tot Ion:	216	Resp:	318794
Ion Ratio	Lower	Upper	
216	100		
214	80.3	62.6	93.8
179	24.3	18.2	27.4
108	25.1	17.5	26.3

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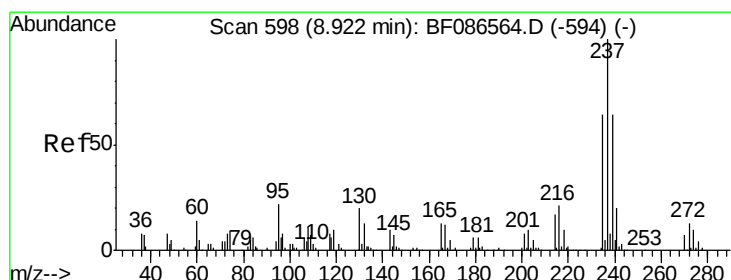
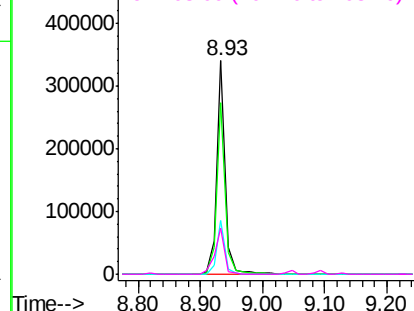
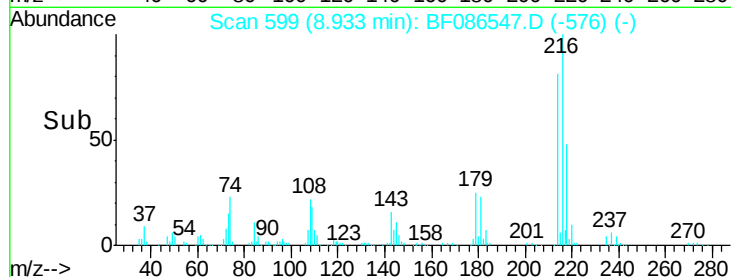


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 73.69 ng

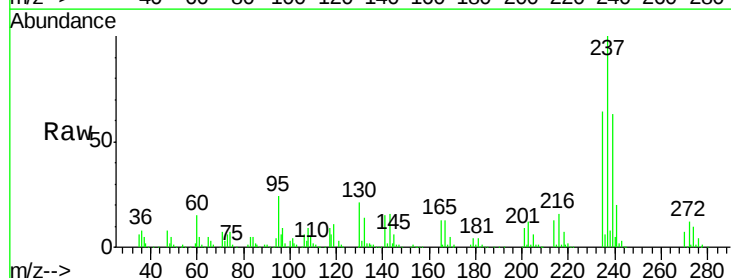
RT: 8.92 min Scan# 598

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

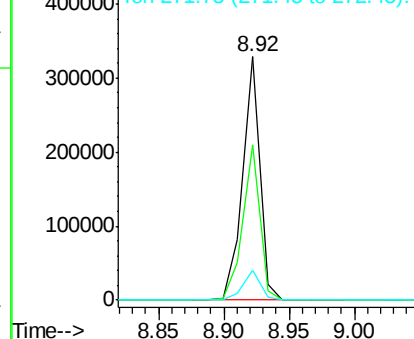
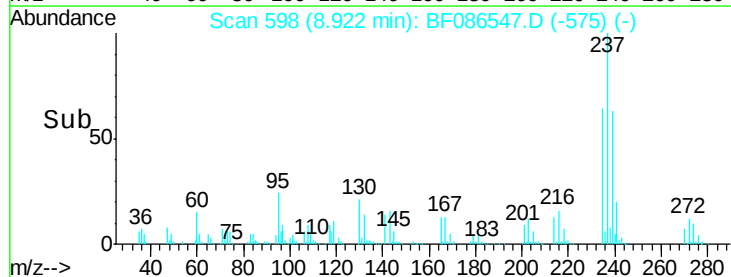
Tgt Ion:	237	Resp:	298123
Ion Ratio	Lower	Upper	
237	100		
235	63.8	47.2	87.2
272	12.4	0.0	31.1

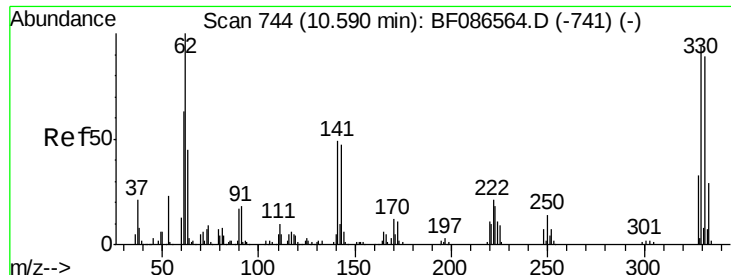


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





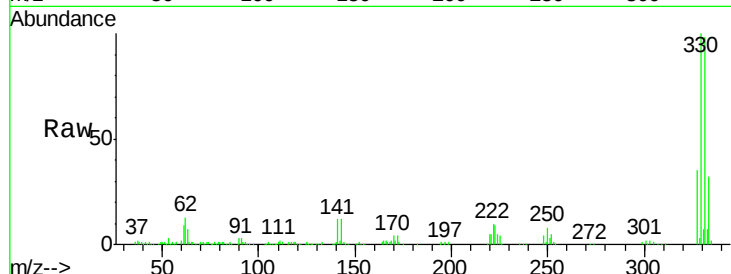
#41
 2,4,6-Tribromophenol
 Concen: 126.52 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

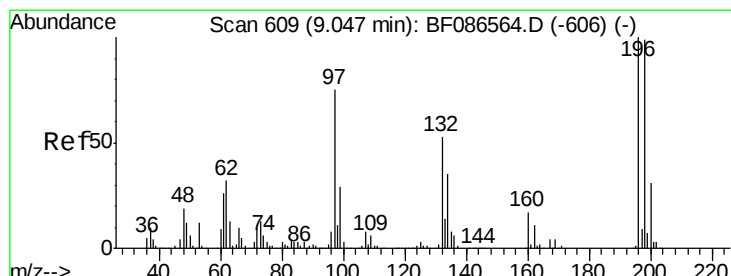
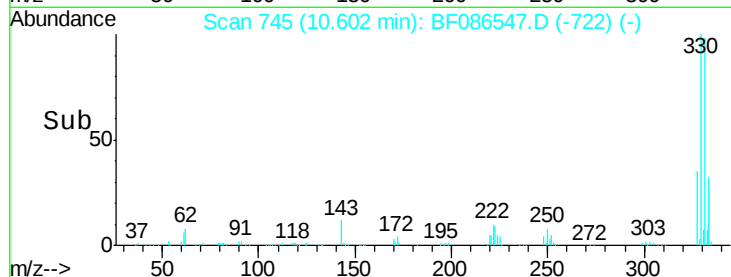
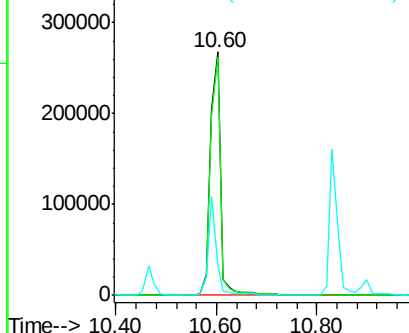
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	79.0	118.4	
141	30.9	31.2	46.8	

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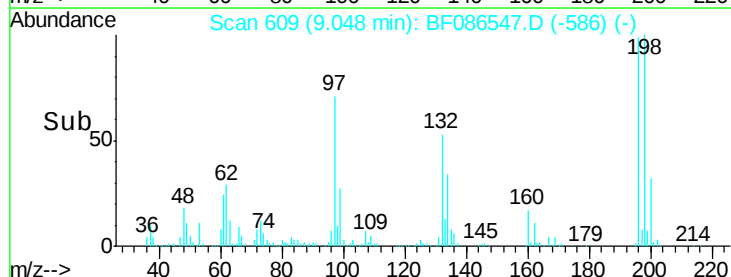
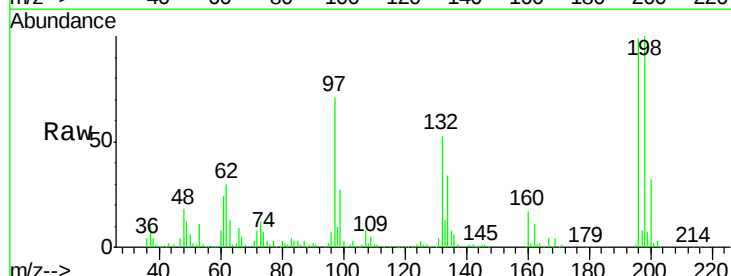
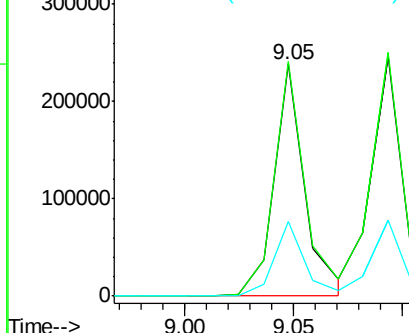
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

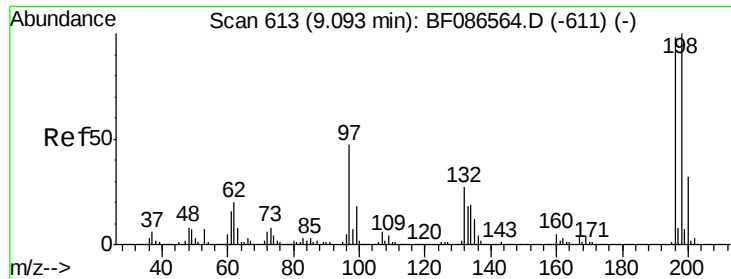


#42
 2,4,6-Trichlorophenol
 Concen: 45.96 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.5	74.7	112.1	
200	32.0	23.8	35.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





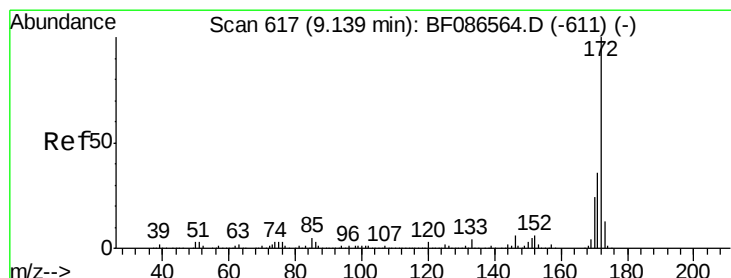
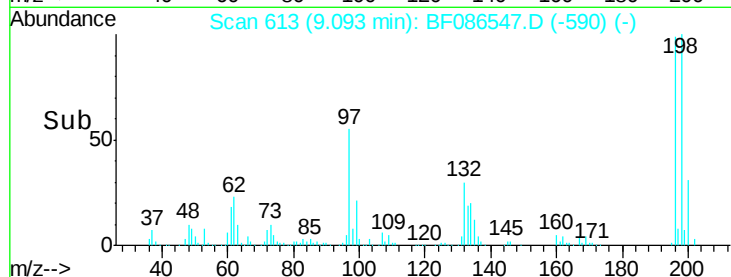
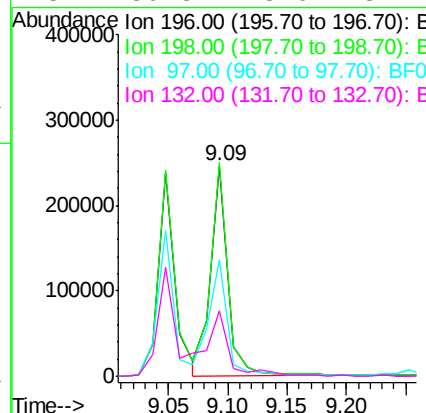
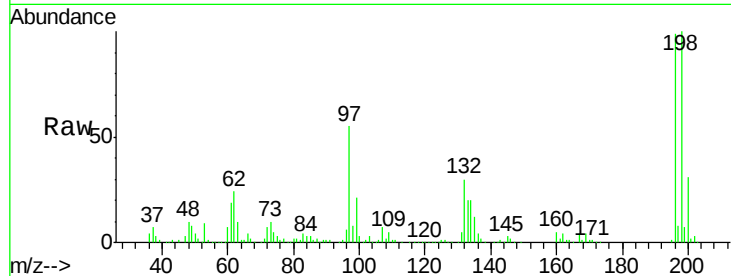
#43
 2,4,5-Trichlorophenol
 Concen: 44.97 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampled :
 SS5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252244		
198	101.4	77.5	116.3	
97	55.6	34.8	52.2	
132	30.8	23.0	34.4	

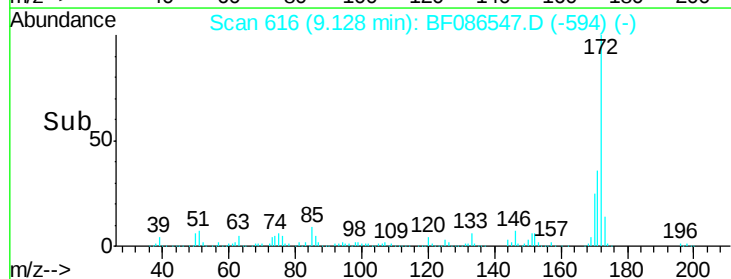
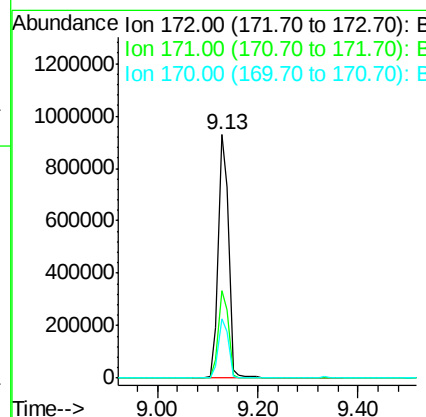
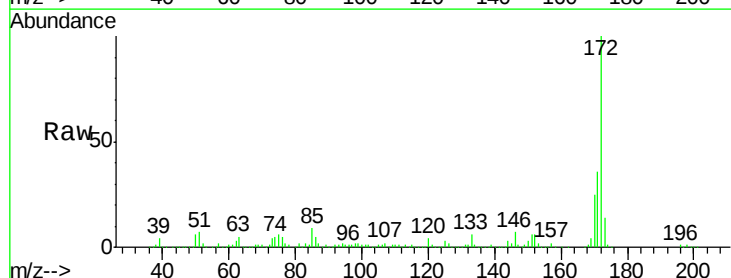
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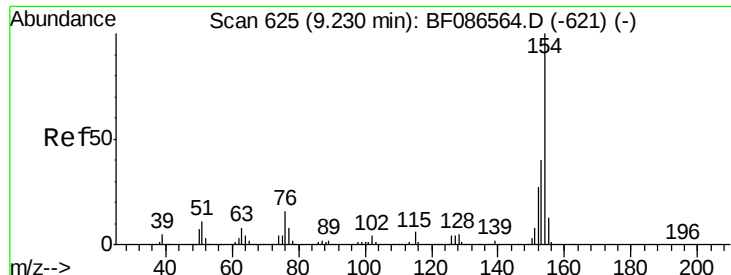
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#44
 2-Fluorobiphenyl
 Concen: 80.38 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1321922		
171	35.8	29.0	43.6	
170	24.6	19.8	29.8	





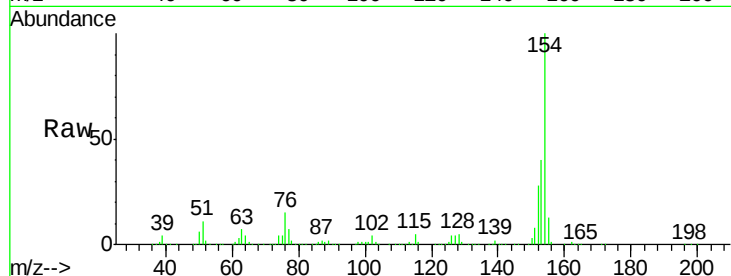
#45
 1,1'-Biphenyl
 Concen: 39.30 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

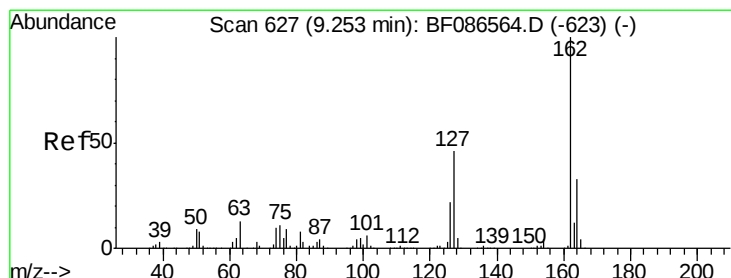
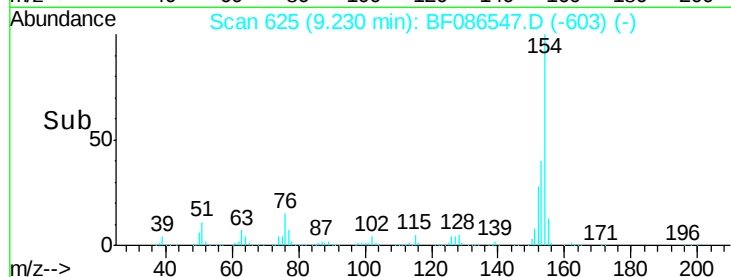
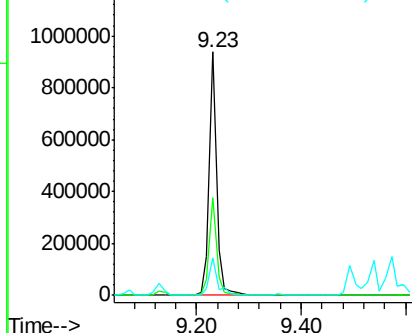
Tot Ion:	154	Resp:	934202
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.3	60.3
76	15.4	0.0	30.2

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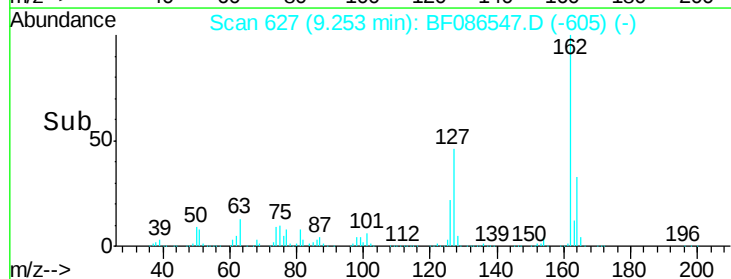
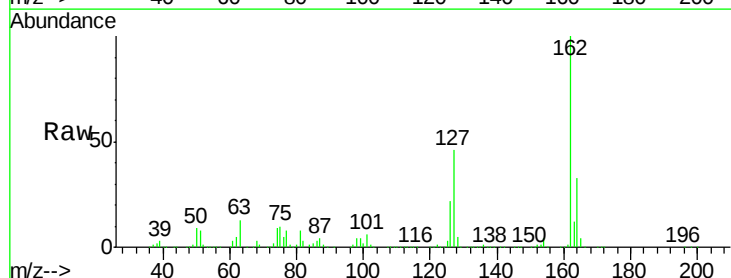
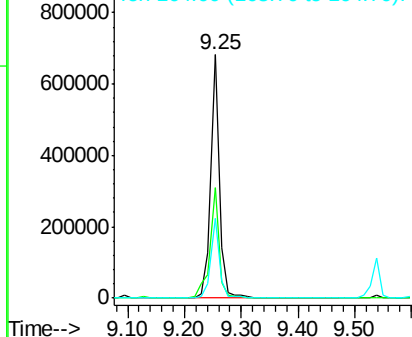
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

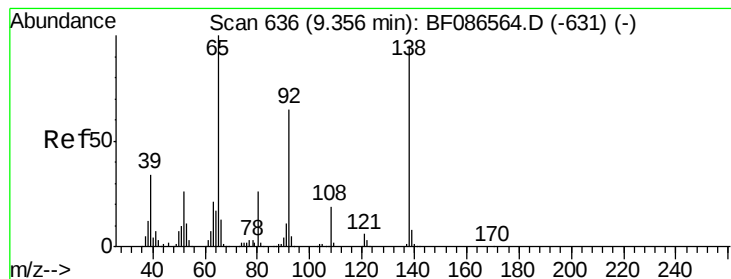


#46
 2-Chloronaphthalene
 Concen: 38.86 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion:	162	Resp:	702386
Ion Ratio	Lower	Upper	
162	100		
127	45.6	31.8	47.6
164	32.6	27.0	40.6

Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.64 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

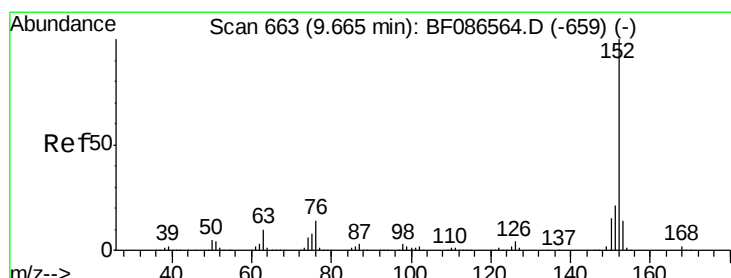
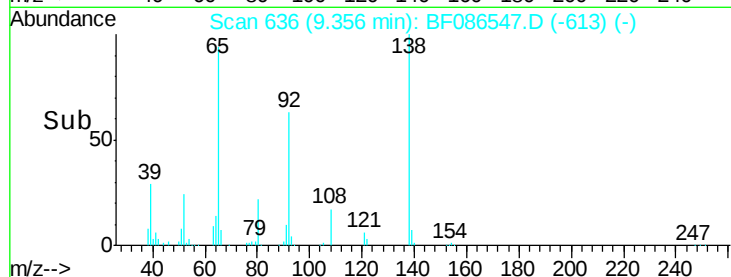
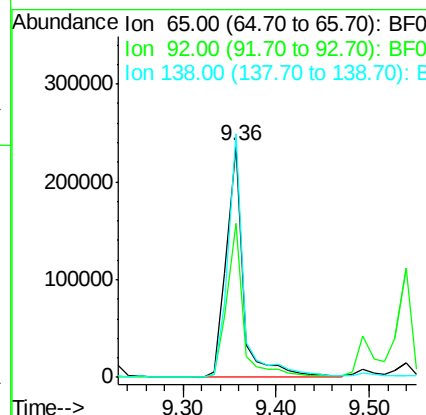
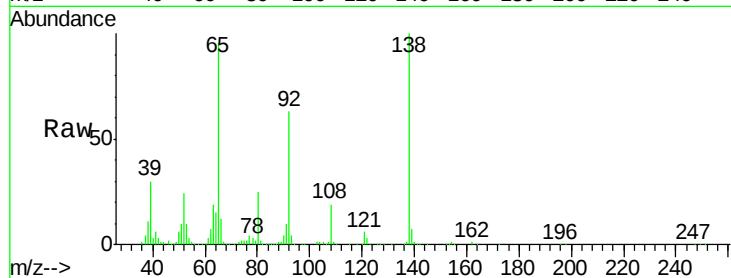
ClientSampleId :

SS5MS

Tot Ion:	65	Resp:	305107
Ion Ratio	Lower	Upper	
65	100		
92	66.5	57.4	86.2
138	105.2	90.1	135.1

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#48

Acenaphthylene

Concen: 38.37 ng

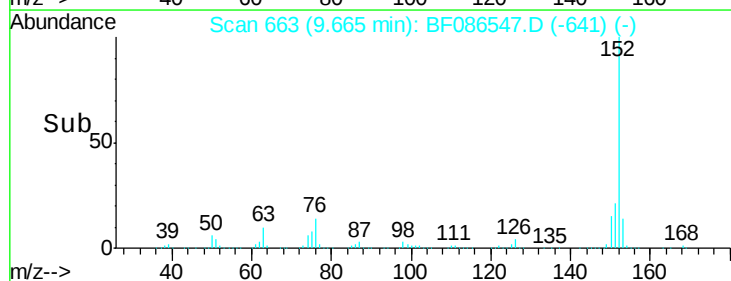
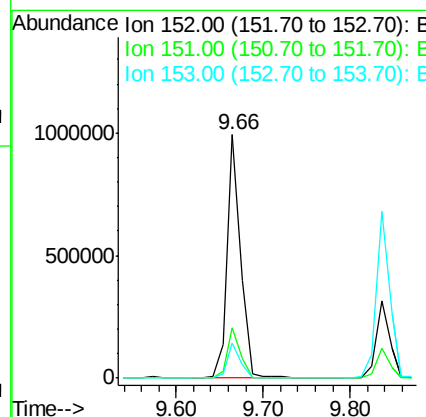
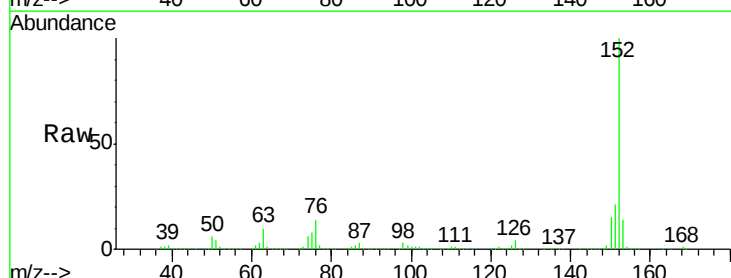
RT: 9.66 min Scan# 663

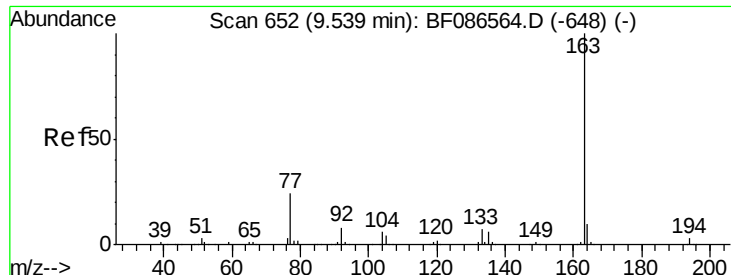
Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Tgt Ion:	152	Resp:	1084226
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.8	25.2
153	14.2	10.9	16.3





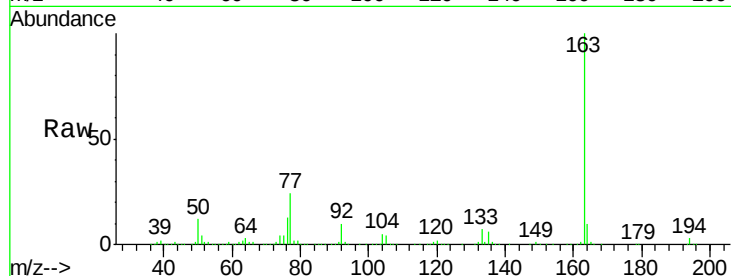
#49
Dimethylphthalate
Concen: 50.94 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampled :
SS5MS

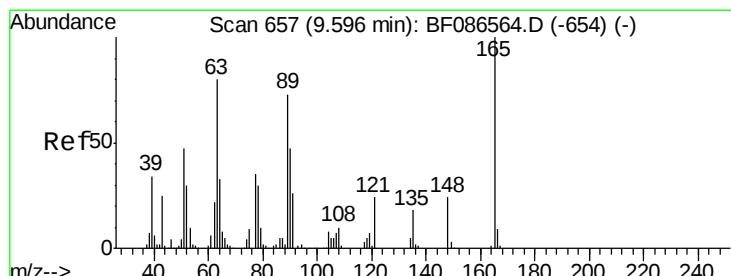
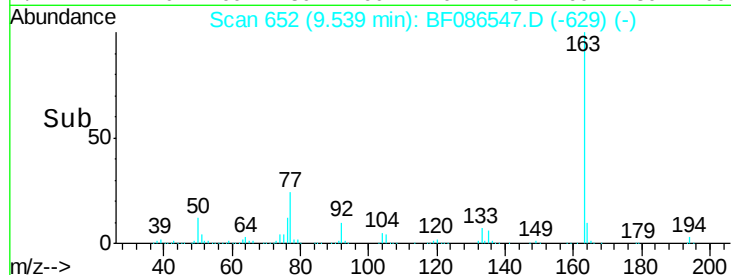
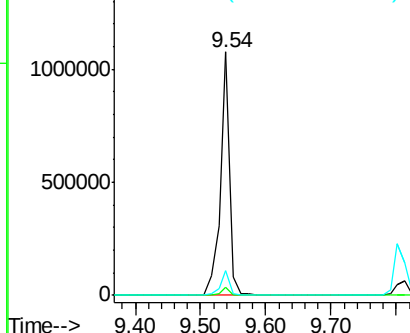
Tot Ion:163 Resp: 1090719
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.2 12.4

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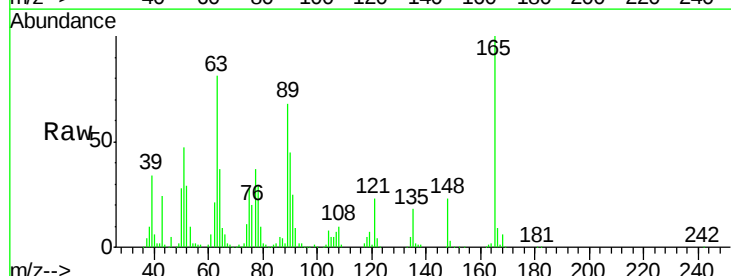


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

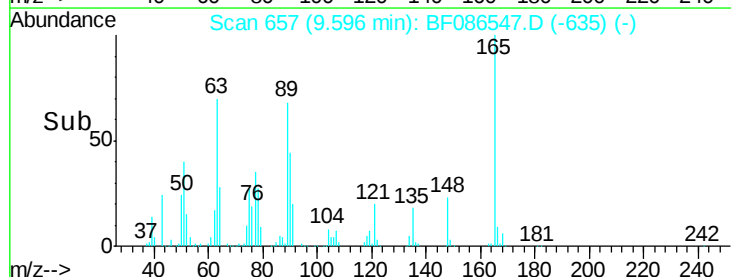
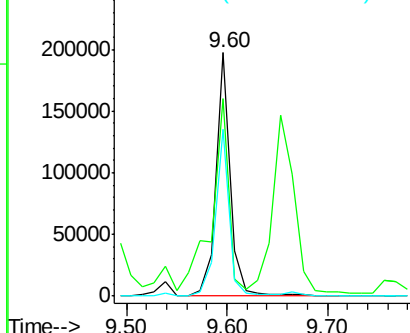


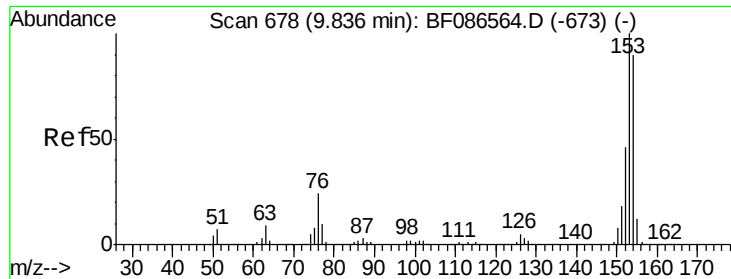
#50
2,6-Dinitrotoluene
Concen: 43.73 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion:165 Resp: 193431
Ion Ratio Lower Upper
165 100
63 81.1 51.8 77.8#
89 68.5 50.7 76.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.91 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

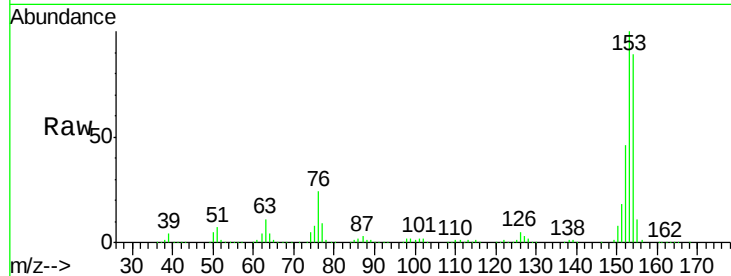
ClientSampled :

SS5MS

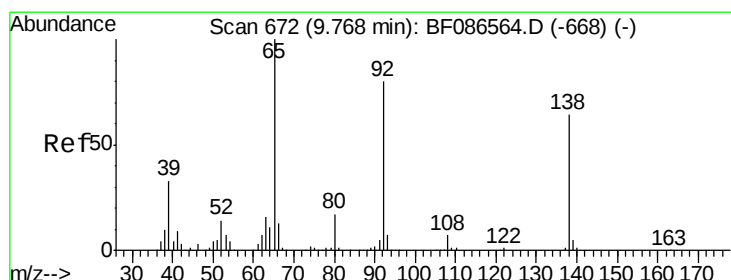
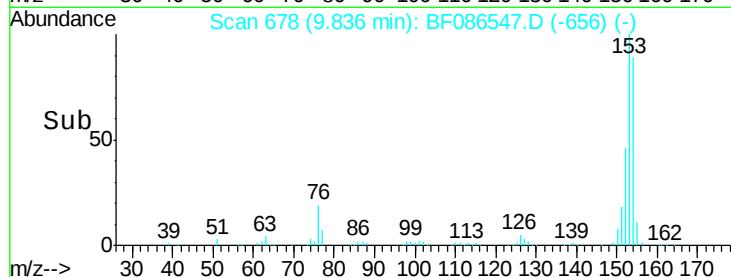
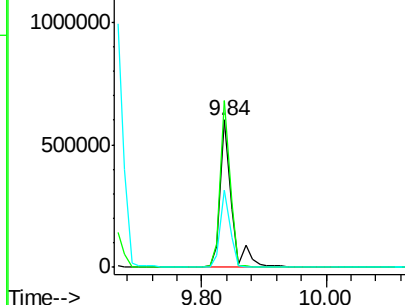
Tot Ion:	154	Resp:	760515
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.8	134.6
152	52.2	43.4	65.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.02 ng

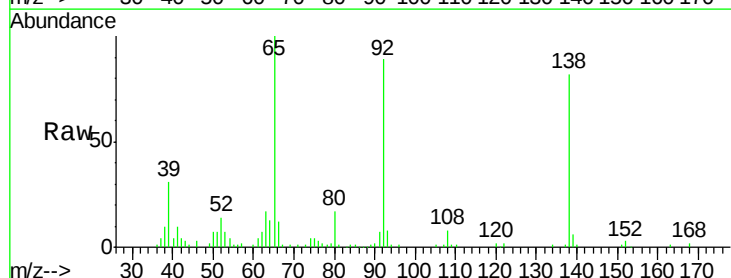
RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

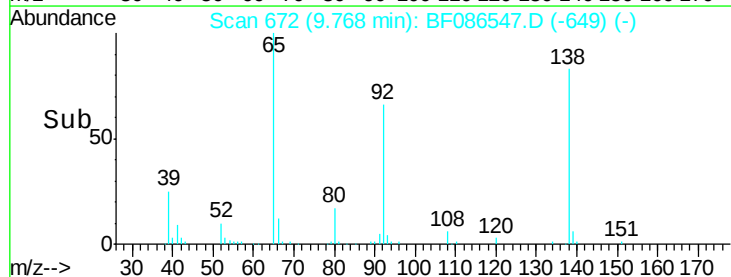
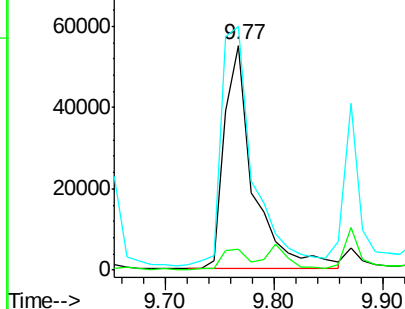
Lab File: BF086547.D

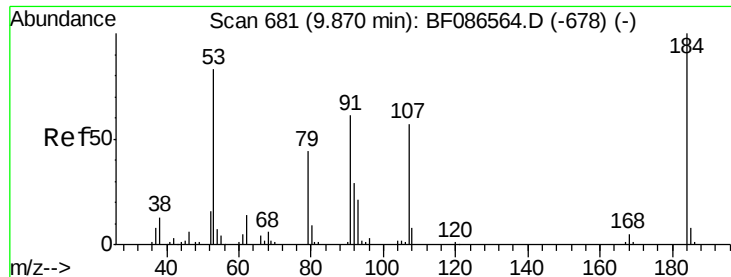
Acq: 1 May 2016 3:20

Tgt Ion:	138	Resp:	100723
Ion Ratio	Lower	Upper	
138	100		
108	9.6	7.8	11.6
92	108.4	87.8	131.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





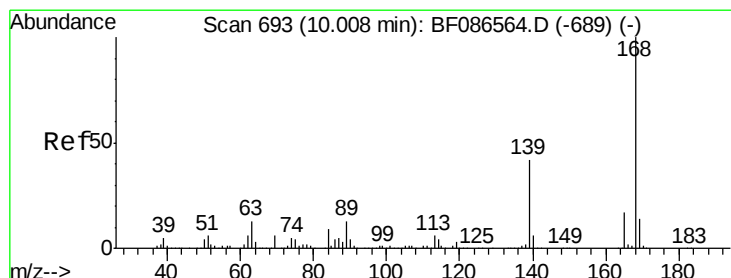
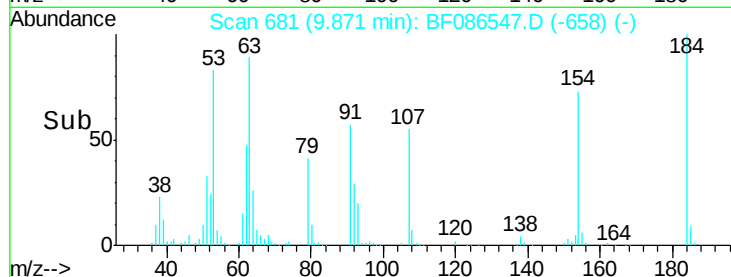
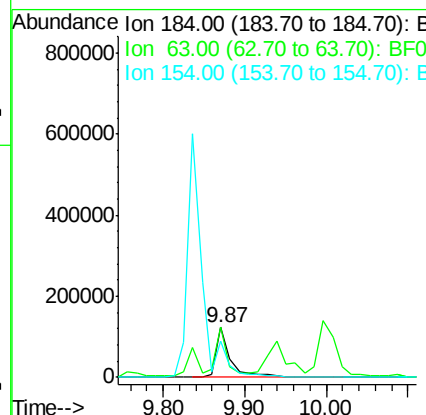
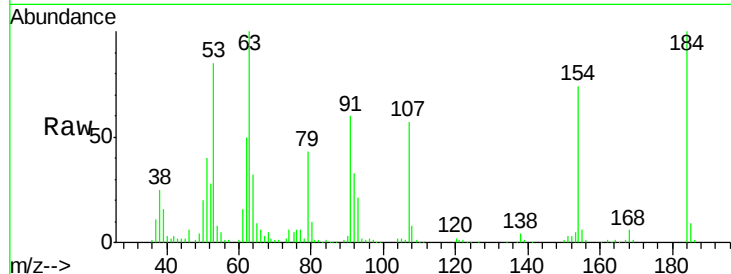
#53
2,4-Dinitrophenol
Concen: 65.97 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampled :
SS5MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	155869		
63	100.3	55.8	83.8#	
154	73.7	62.4	93.6	

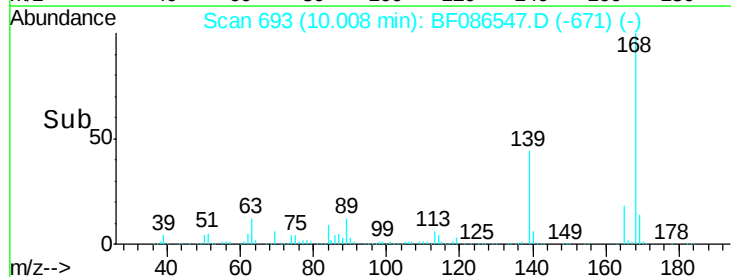
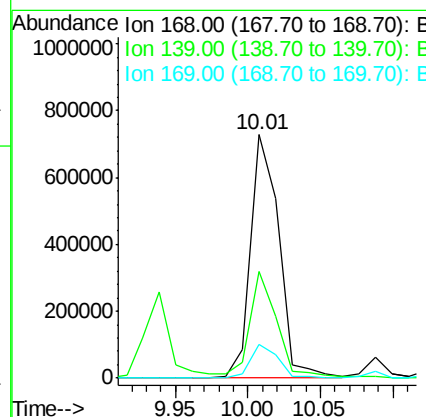
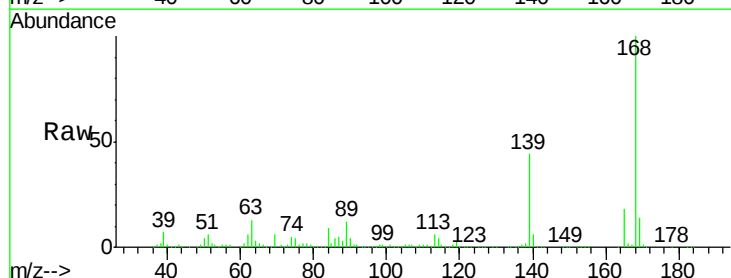
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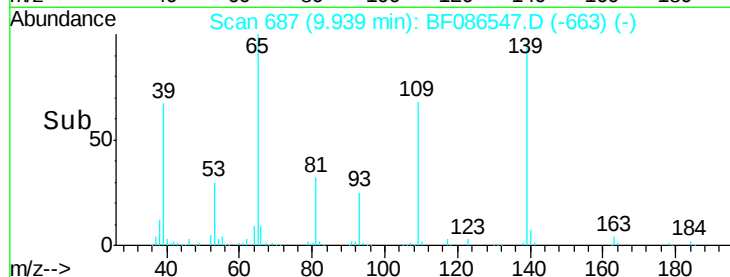
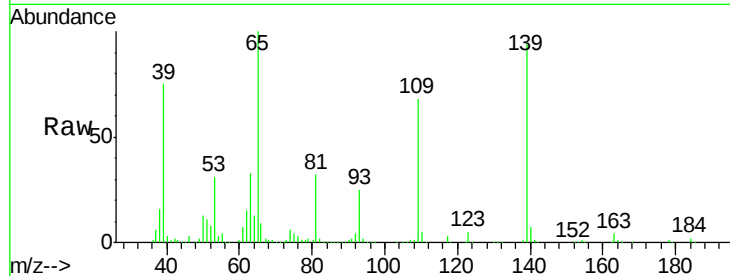
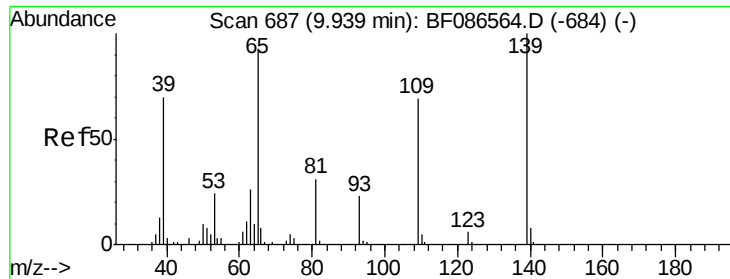
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#54
Dibenzofuran
Concen: 43.52 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	987104		
139	44.0	31.4	47.0	
169	13.6	10.7	16.1	





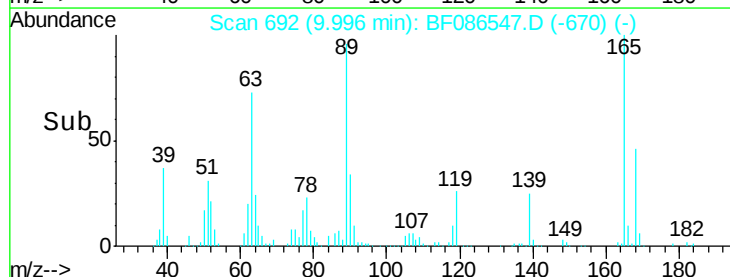
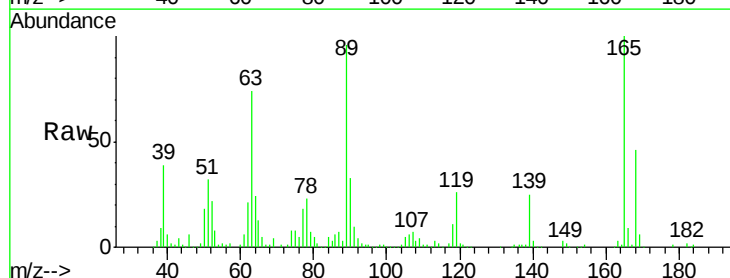
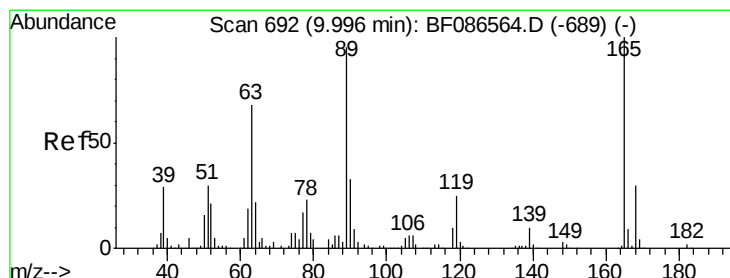
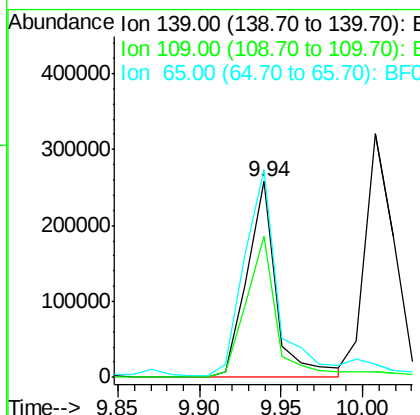
#55
4-Nitrophenol
Concen: 98.03 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.2	36.9	76.9	
65	105.9	64.0	104.0	

Instrument :
BNA_F
ClientSampleId :
SS5MS

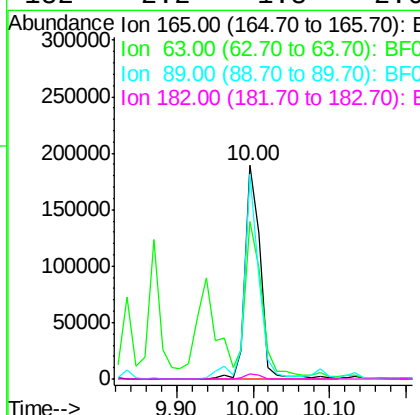
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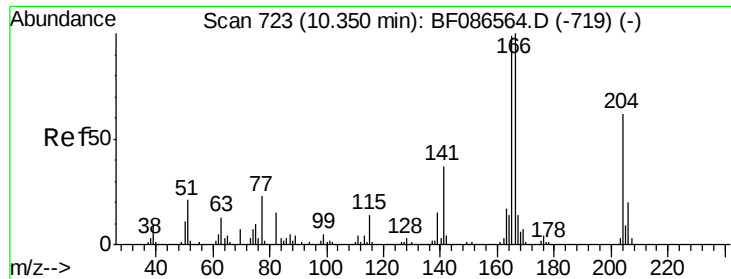
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#56
2,4-Dinitrotoluene
Concen: 45.94 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	73.7	44.3	66.5	
89	96.1	70.0	105.0	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 36.12 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

SS5MS

Tot Ion:166 Resp: 711292

Ion Ratio Lower Upper

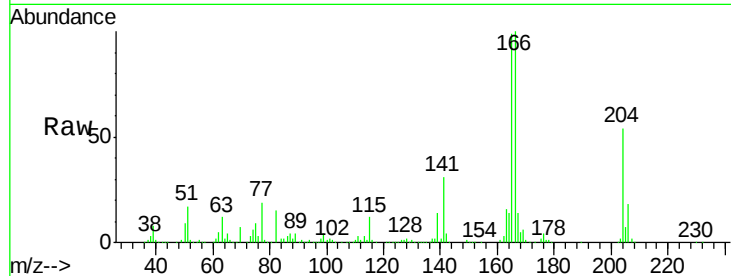
166 100

165 98.6 79.0 118.6

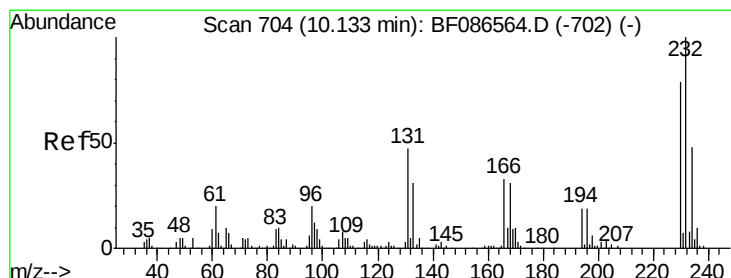
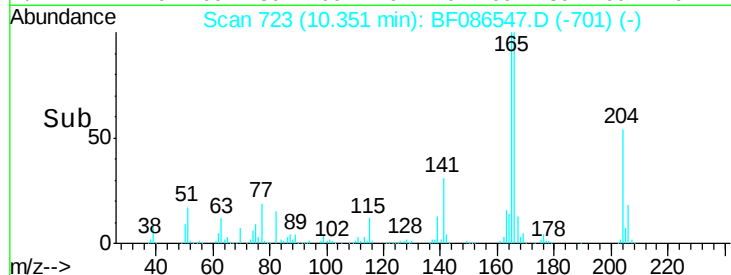
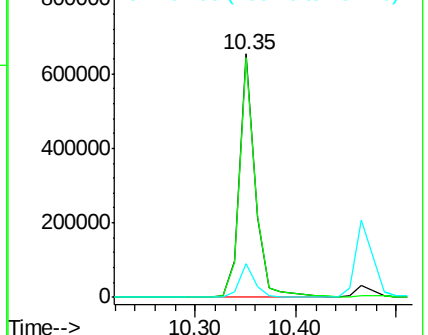
167 13.7 10.6 15.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.66 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Tgt Ion:232 Resp: 222134

Ion Ratio Lower Upper

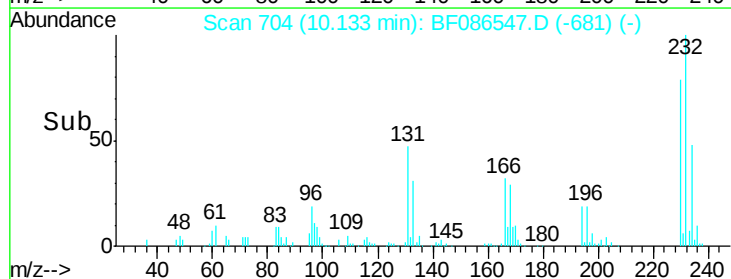
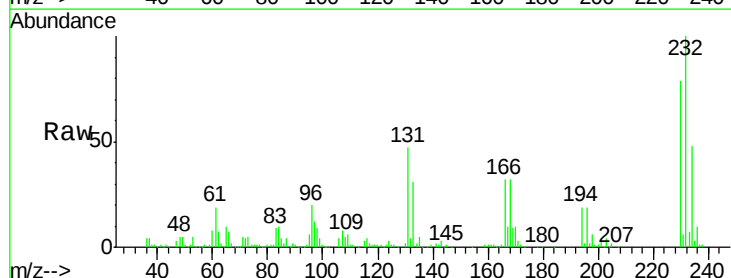
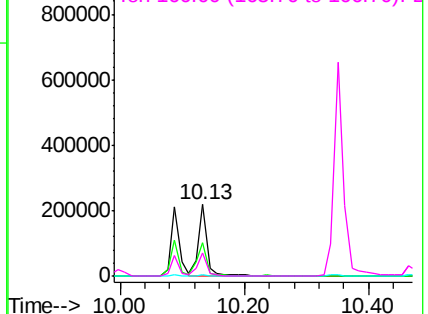
232 100

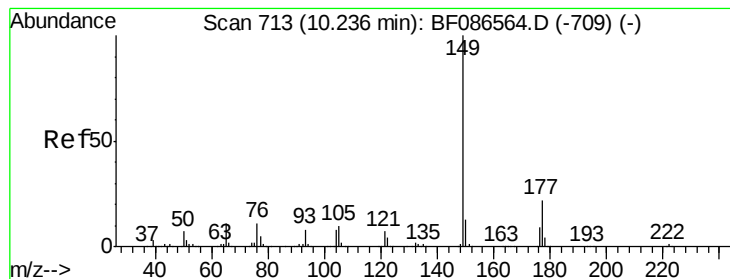
131 51.6 41.9 62.9

130 2.6 2.2 3.4

166 31.1 26.8 40.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.77 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

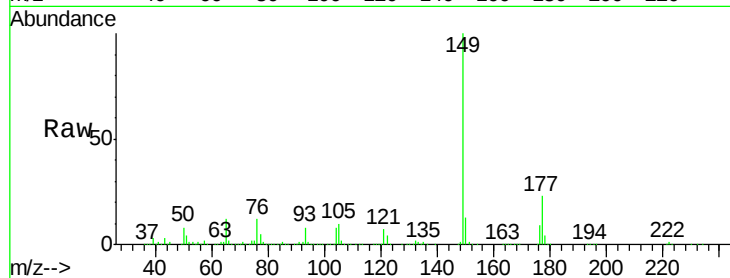
ClientSampled :

SS5MS

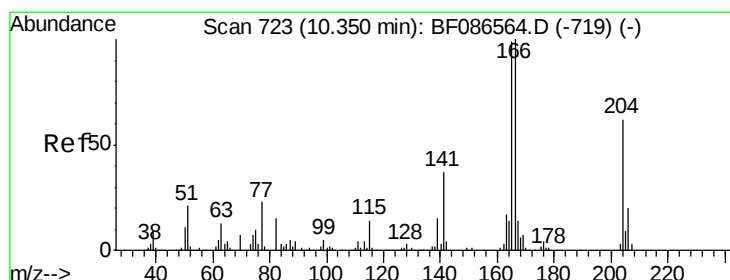
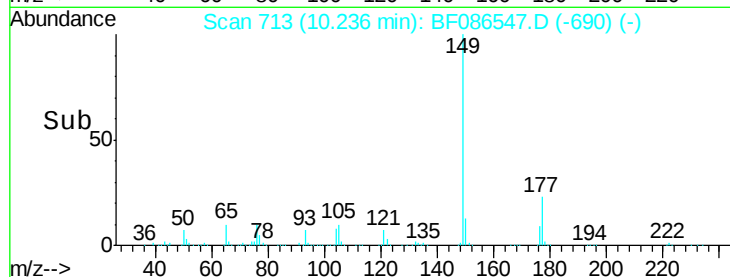
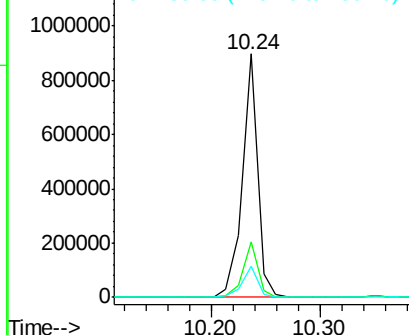
Tot Ion:	149	Resp:	866937
Ion Ratio	Lower	Upper	
149	100		
177	22.5	16.6	24.8
150	12.8	10.0	15.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.85 ng

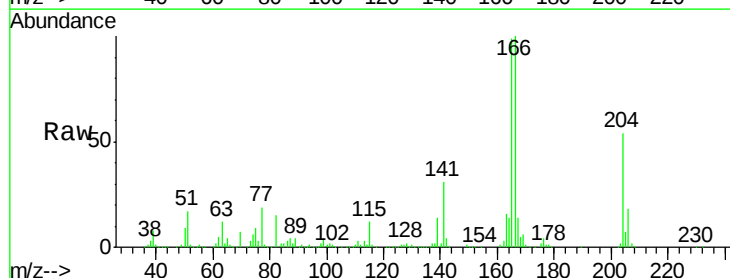
RT: 10.35 min Scan# 723

Delta R.T. -0.03 min

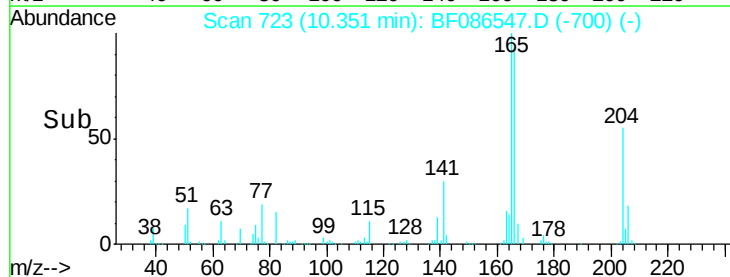
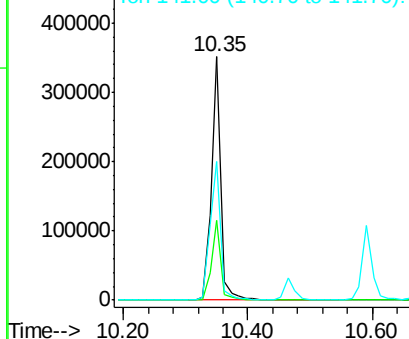
Lab File: BF086547.D

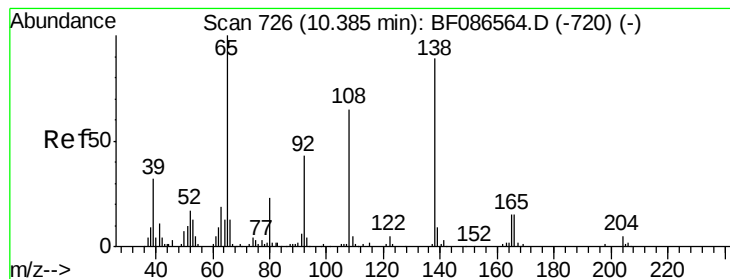
Acq: 1 May 2016 3:20

Tgt Ion:	204	Resp:	365265
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.4	38.0
141	56.7	61.6	92.4#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.73 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

Tot Ion:138 Resp: 224867

Ion Ratio Lower Upper

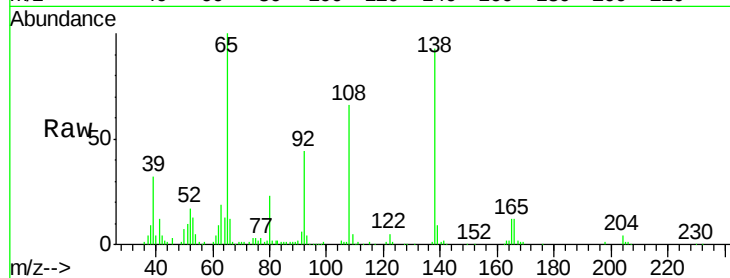
138 100

92 47.2 24.7 64.7

108 71.1 37.4 77.4

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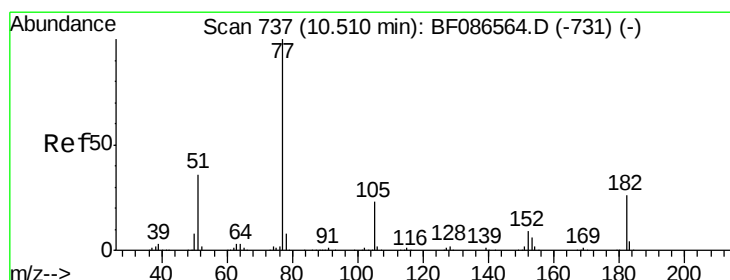
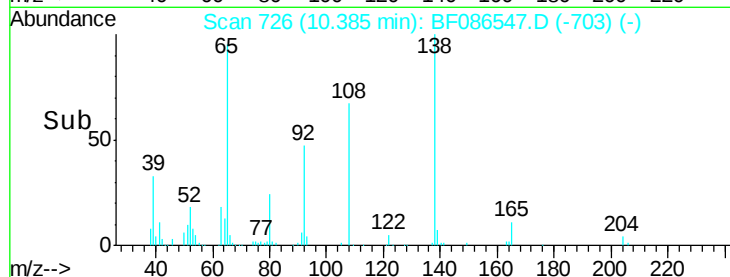
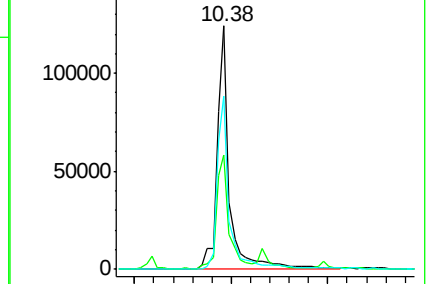
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.06 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Tgt Ion: 77 Resp: 1022483

Ion Ratio Lower Upper

77 100

182 26.3 0.0 38.8

105 23.1 3.2 43.2

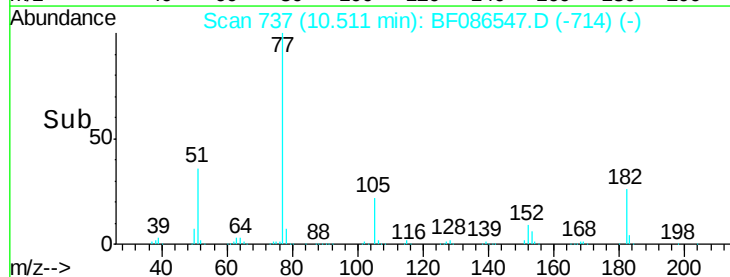
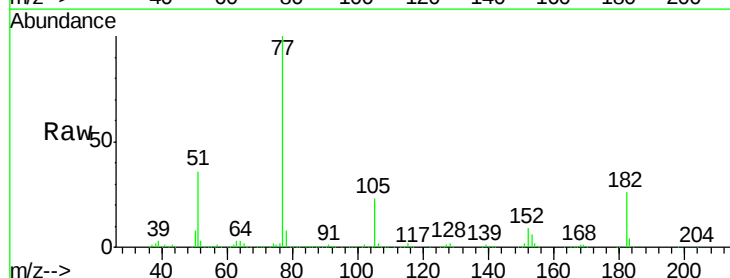
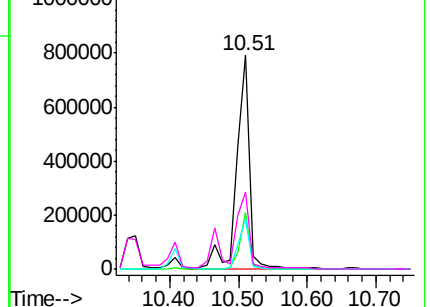
51 36.2 8.8 48.8

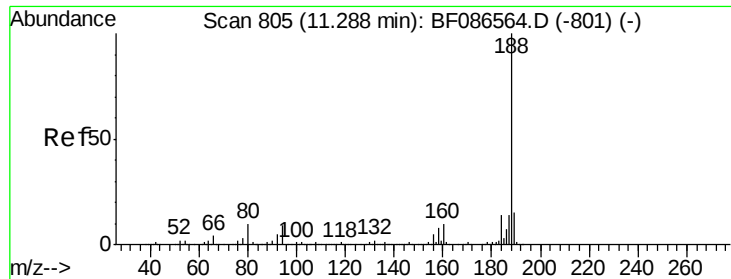
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





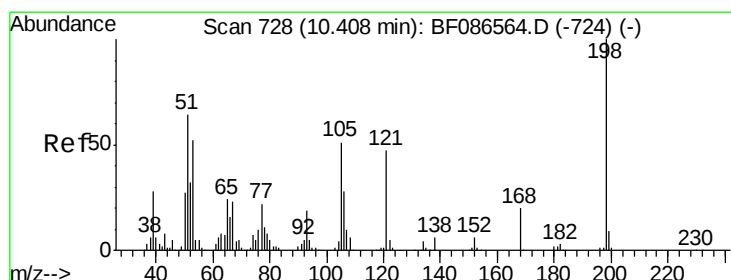
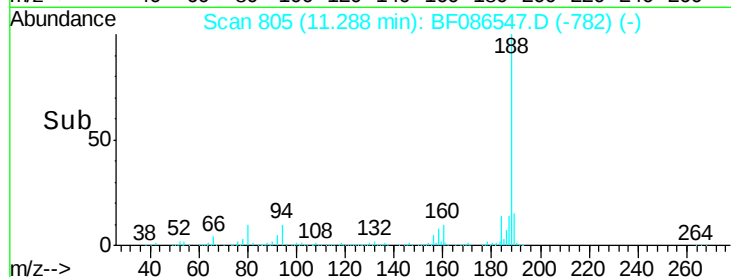
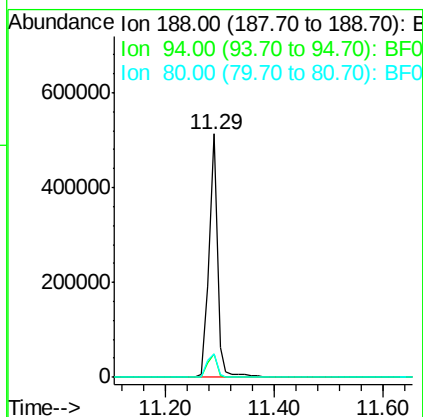
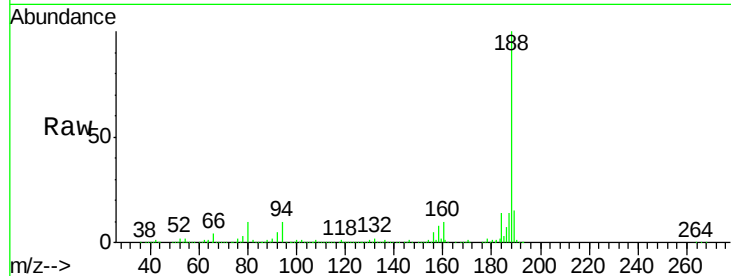
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	6.8	10.2
80	9.7	7.1	10.7

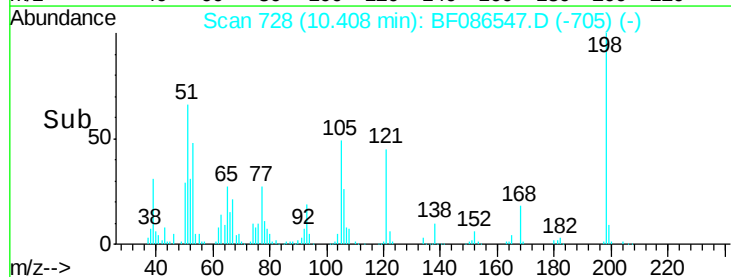
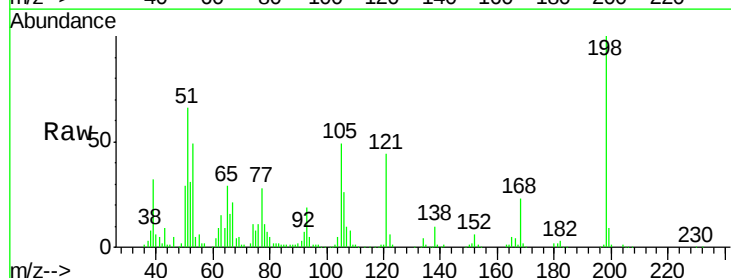
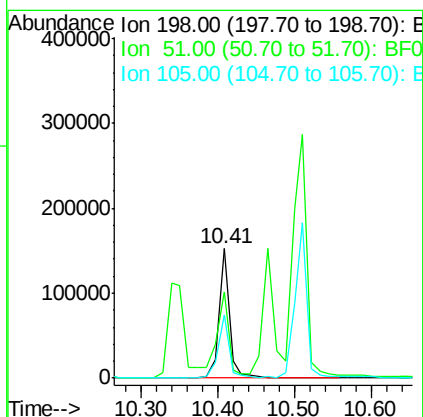
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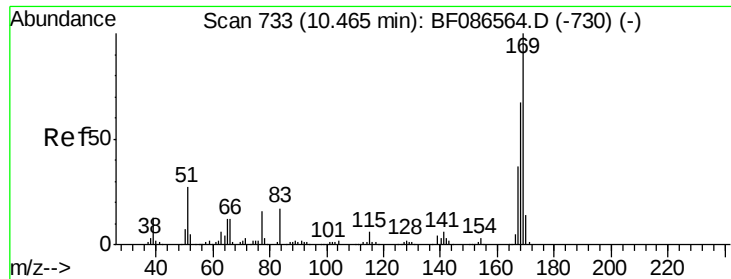
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.09 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	66.2	20.5	60.5#
105	48.6	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 38.72 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

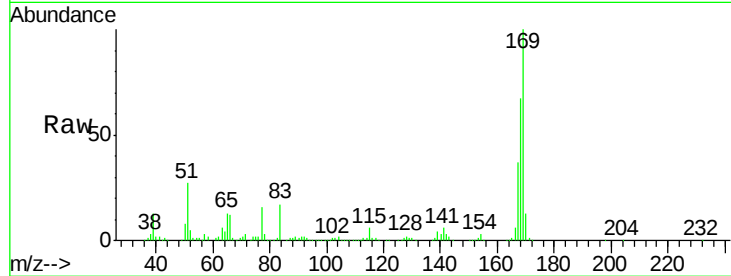
ClientSampleId :

SS5MS

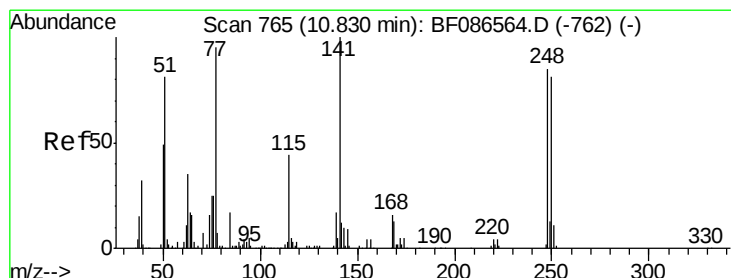
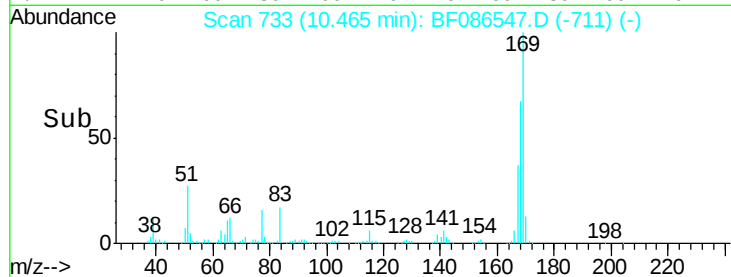
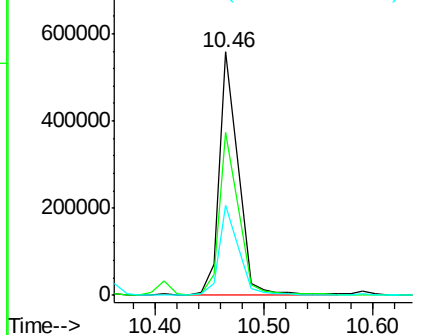
Tot Ion:	169	Resp:	682236
Ion Ratio	Lower	Upper	
169	100		
168	66.8	53.8	80.6
167	36.9	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.76 ng

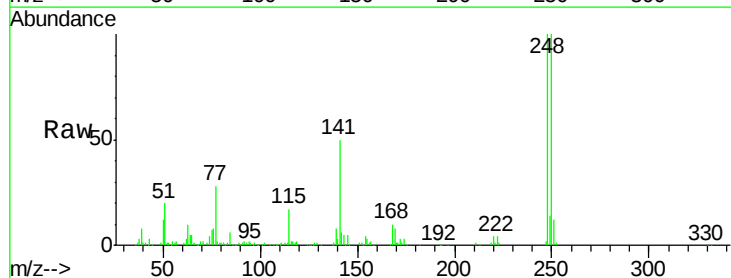
RT: 10.84 min Scan# 766

Delta R.T. -0.03 min

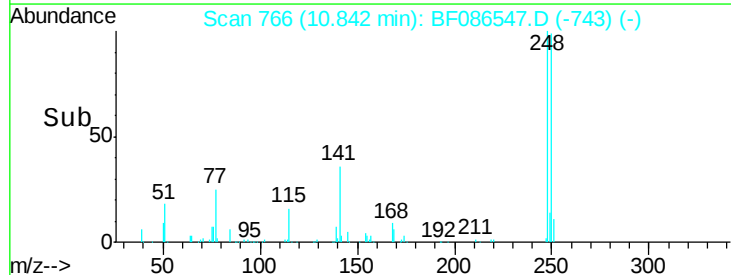
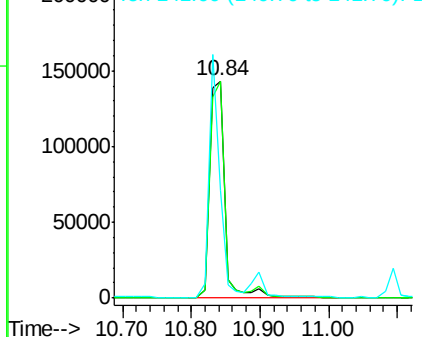
Lab File: BF086547.D

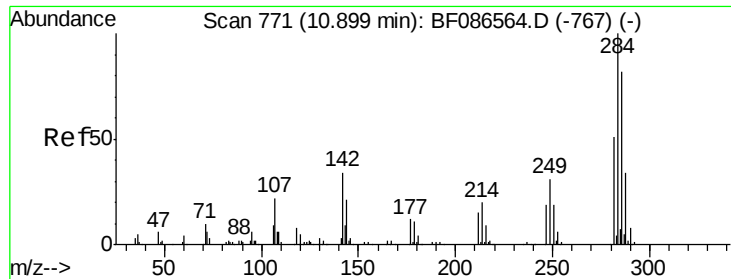
Acq: 1 May 2016 3:20

Tgt Ion:	248	Resp:	225201
Ion Ratio	Lower	Upper	
248	100		
250	100.0	78.6	117.8
141	49.6	76.0	114.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.30 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

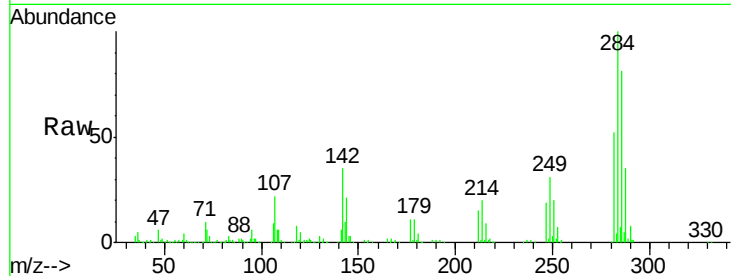
ClientSampled :

SS5MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	250842		
142	35.3	16.7	25.1#	
249	30.5	21.3	31.9	

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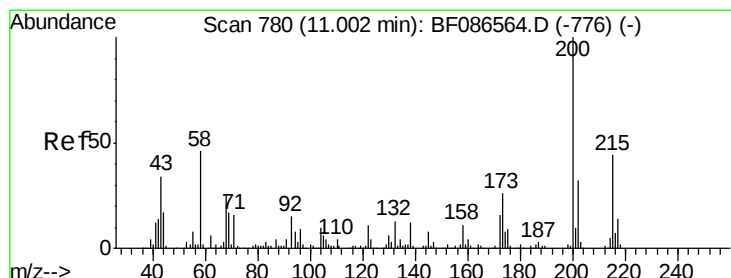
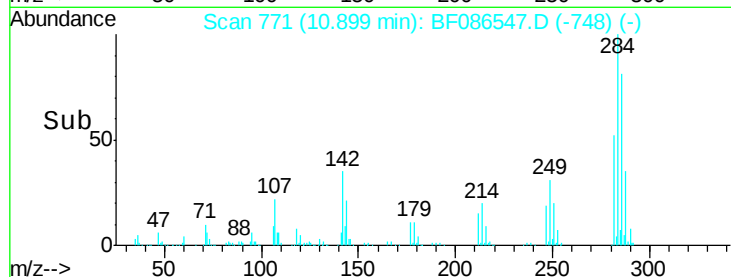
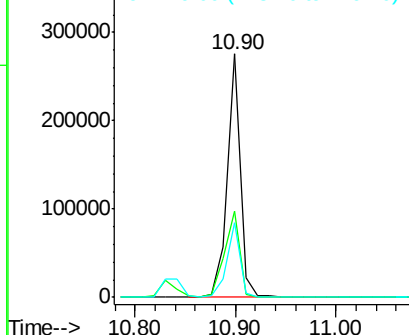
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.56 ng

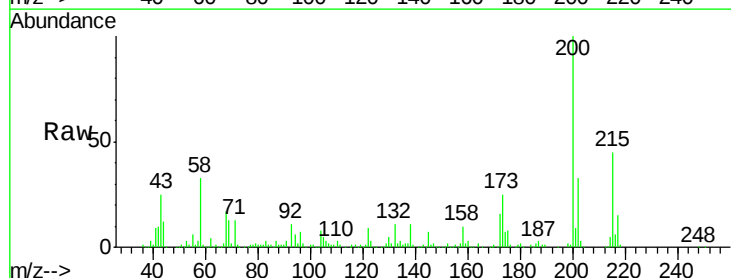
RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

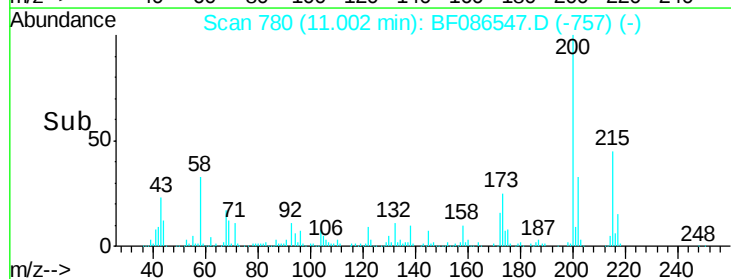
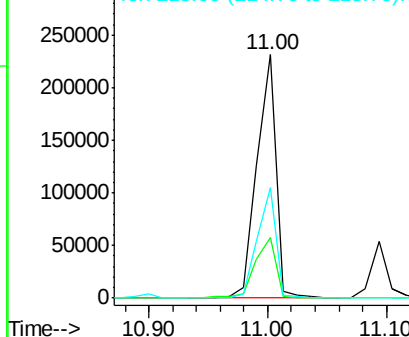
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	262261		
173	24.8	8.5	48.5	
215	45.3	27.2	67.2	

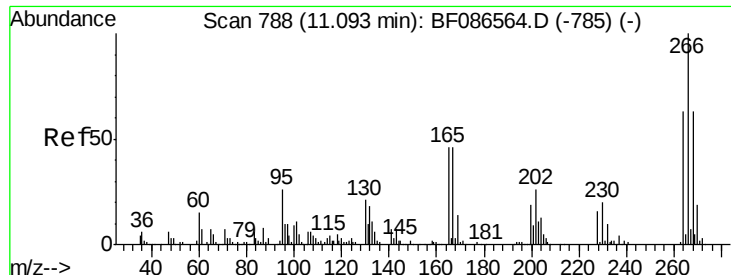


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





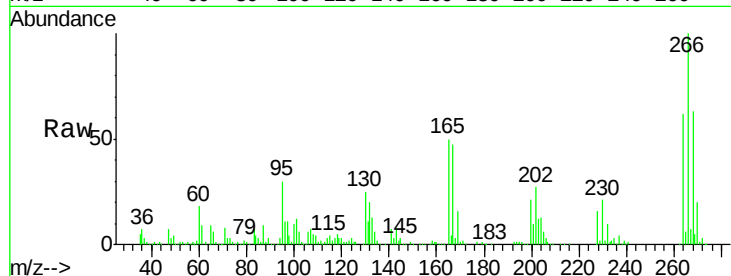
#69
 Pentachlorophenol
 Concen: 76.74 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

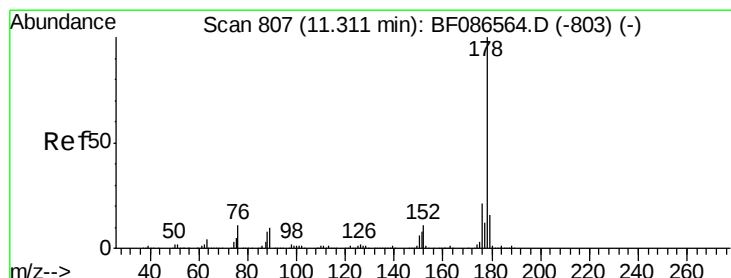
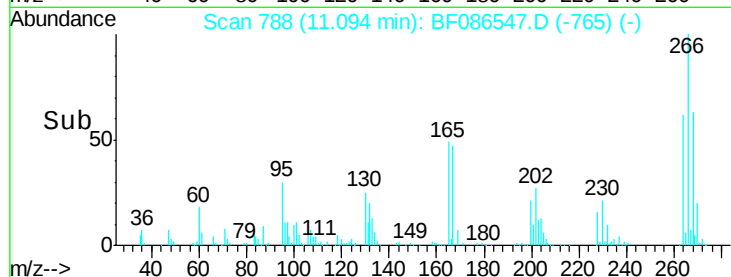
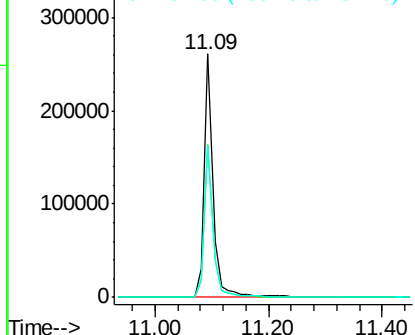
Tot Ion	Ratio	Resp	Lower	Upper
266	100	272086		
268	63.0		51.5	77.3
264	62.4		52.9	79.3

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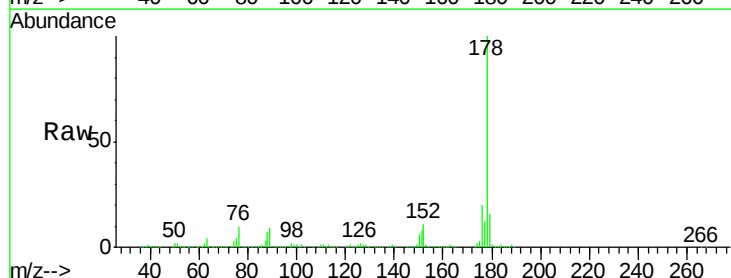


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

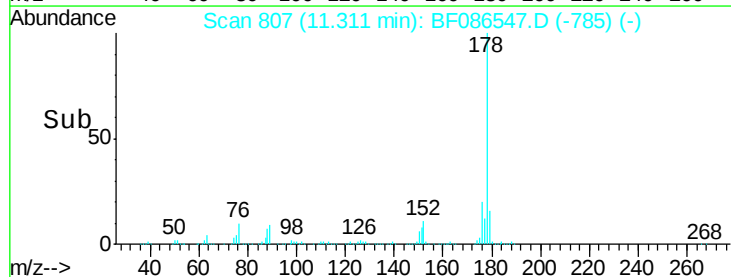
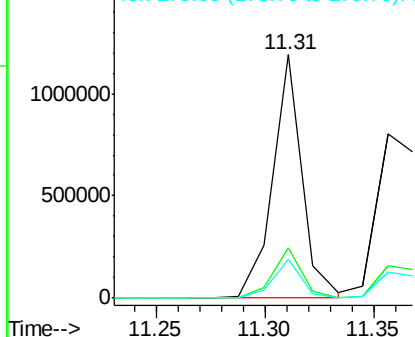


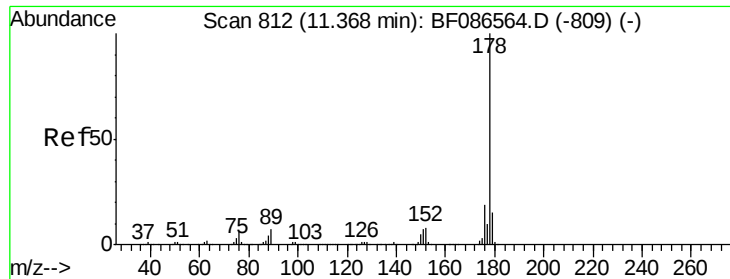
#70
 Phenanthrene
 Concen: 38.08 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1126842		
176	20.4		16.0	24.0
179	15.9		12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





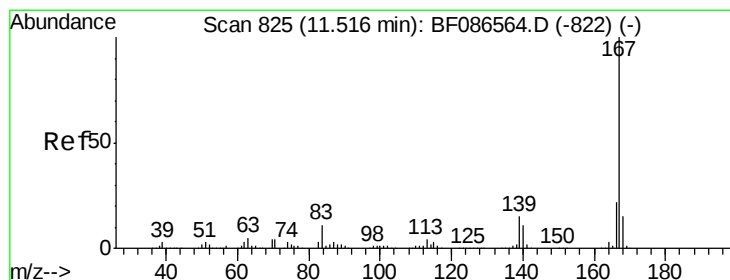
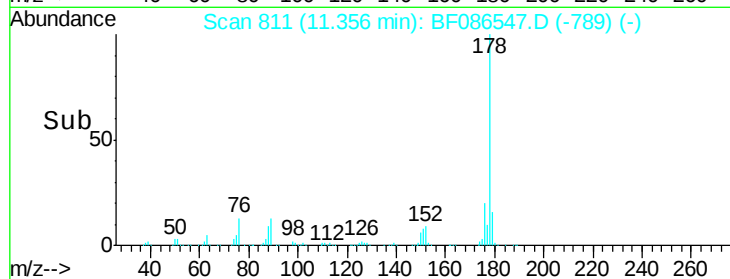
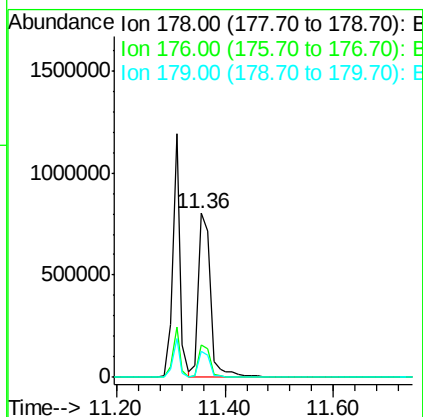
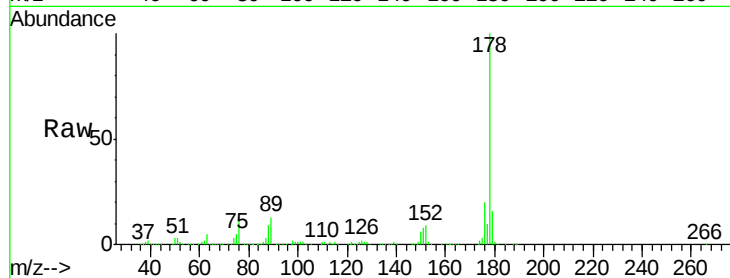
#71
 Anthracene
 Concen: 38.87 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tot Ion:178 Resp: 1227454
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.0 12.7 19.1

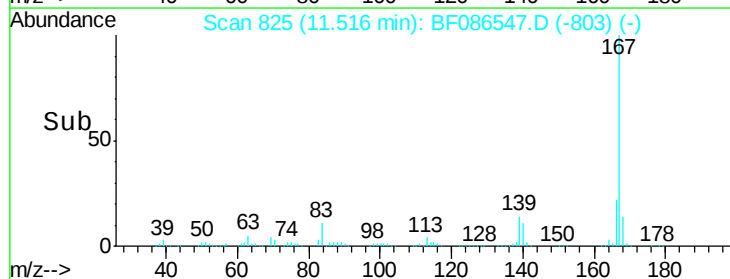
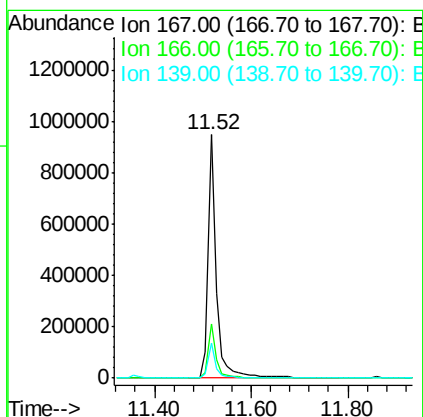
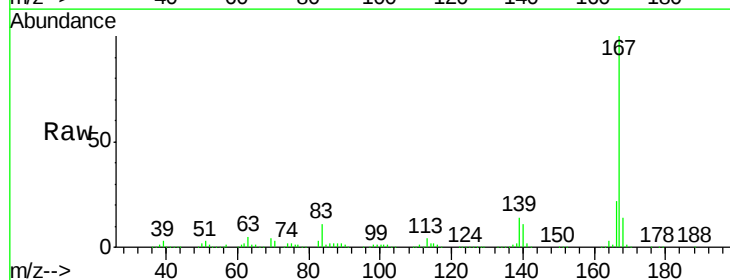
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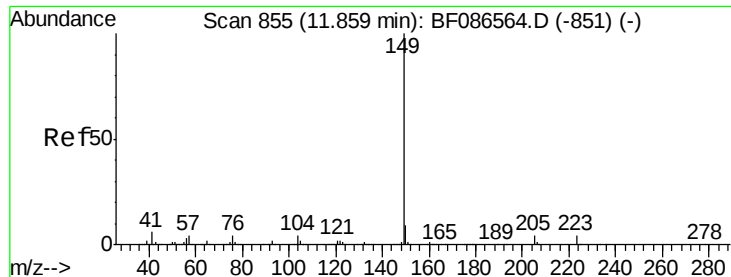
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#72
 Carbazole
 Concen: 40.91 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion:167 Resp: 1144855
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.66 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

SS5MS

Tot Ion:149 Resp: 1289303

Ion Ratio Lower Upper

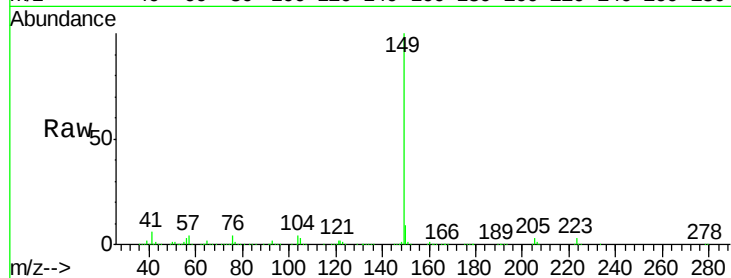
149 100

150 9.2 7.6 11.4

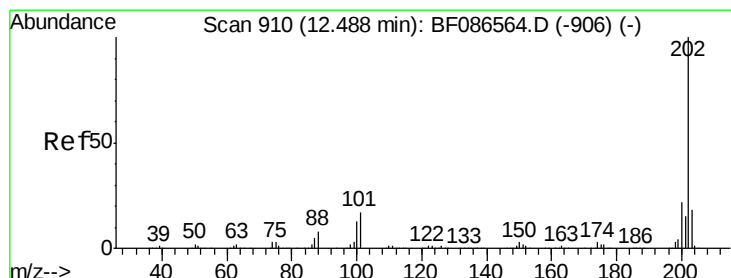
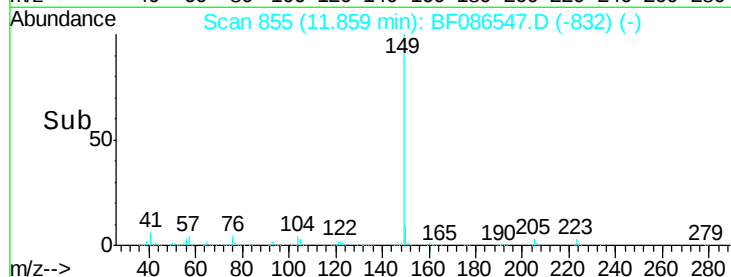
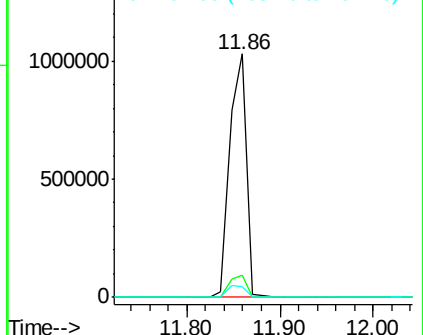
104 4.4 3.8 5.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.29 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

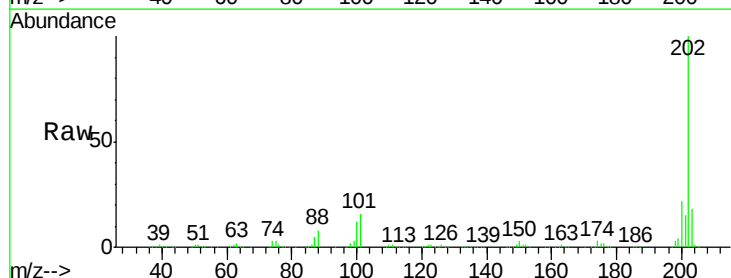
Tgt Ion:202 Resp: 1143781

Ion Ratio Lower Upper

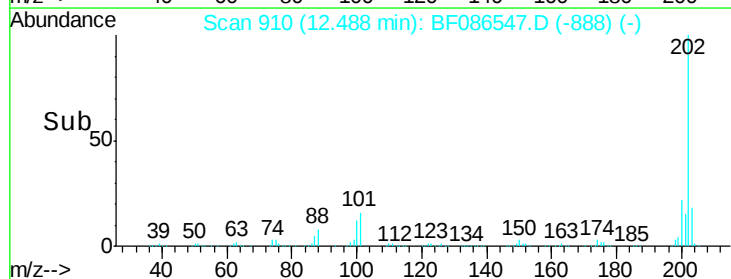
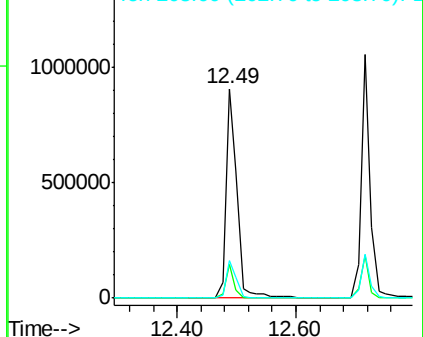
202 100

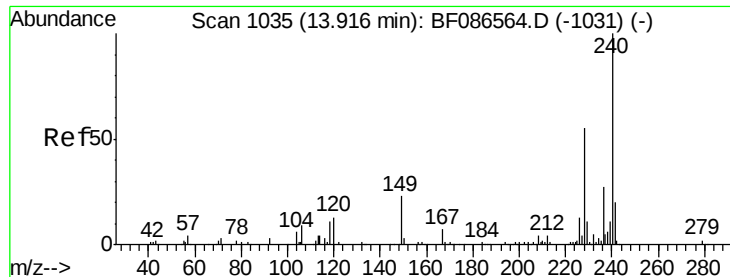
101 16.1 0.0 35.4

203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

SS5MS

Tot Ion:240 Resp: 386468

Ion Ratio Lower Upper

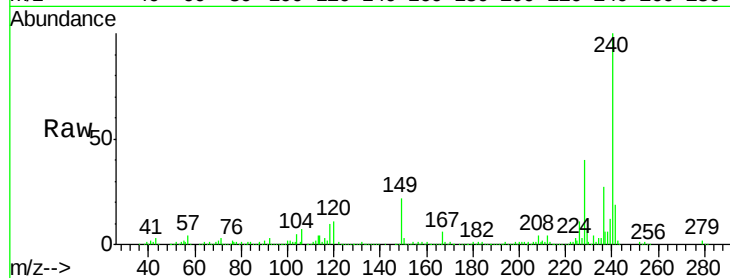
240 100

120 10.9 11.2 16.8#

236 26.8 21.2 31.8

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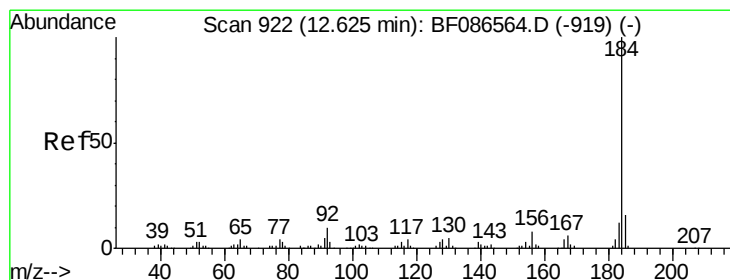
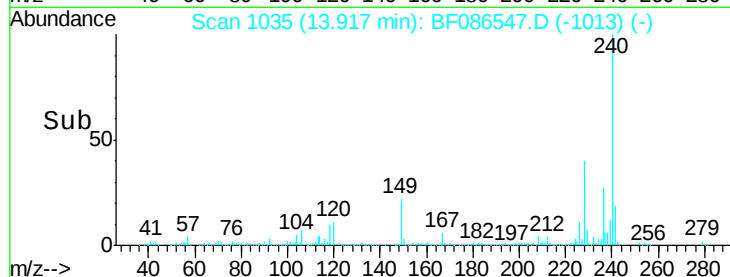
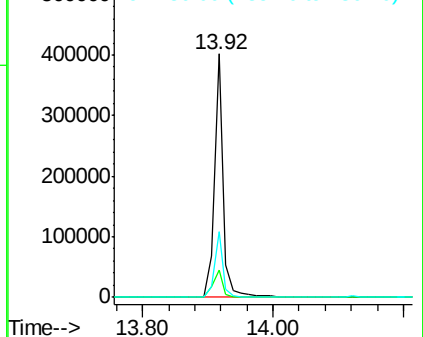
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.24 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

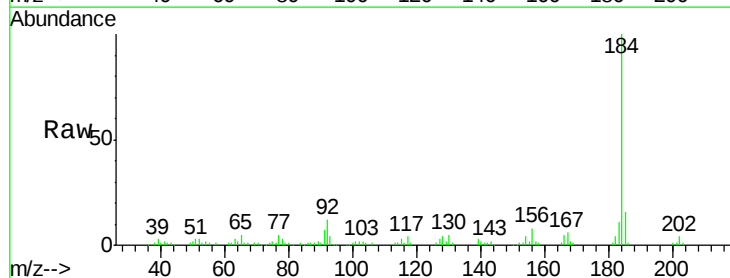
Tgt Ion:184 Resp: 202393

Ion Ratio Lower Upper

184 100

185 15.6 13.6 20.4

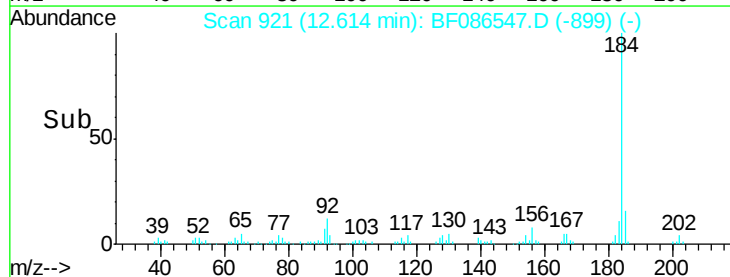
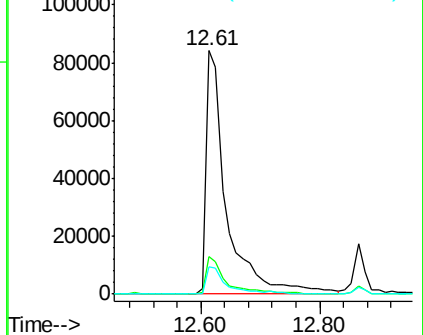
183 11.4 9.8 14.6

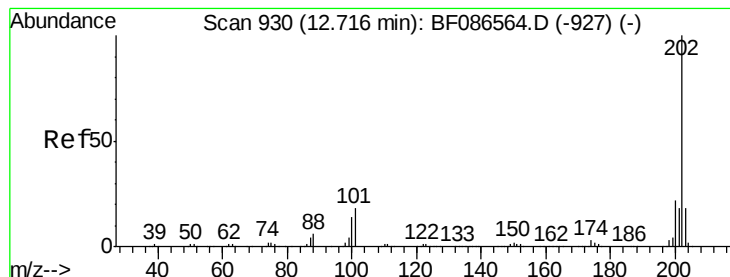


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.12 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

Tot Ion:202 Resp: 1089346

Ion Ratio Lower Upper

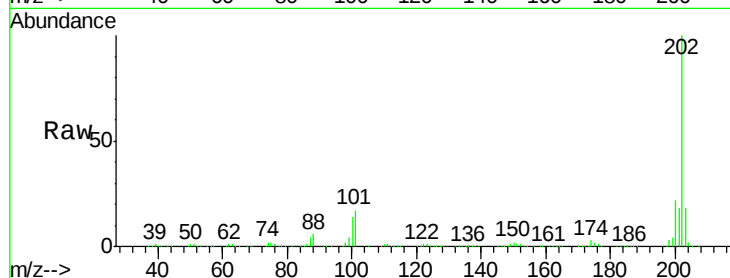
202 100

200 22.5 17.7 26.5

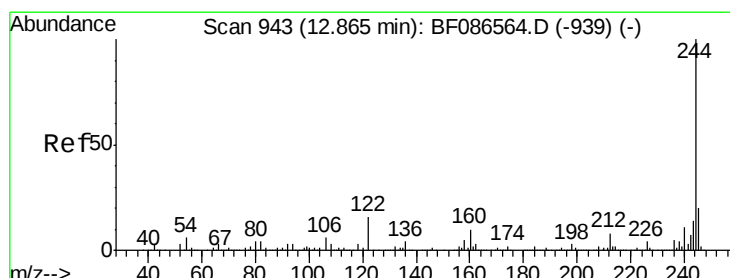
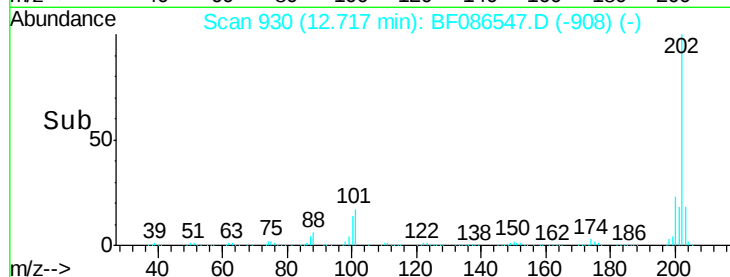
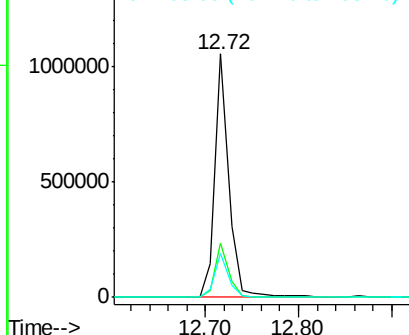
203 18.1 14.2 21.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.75 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

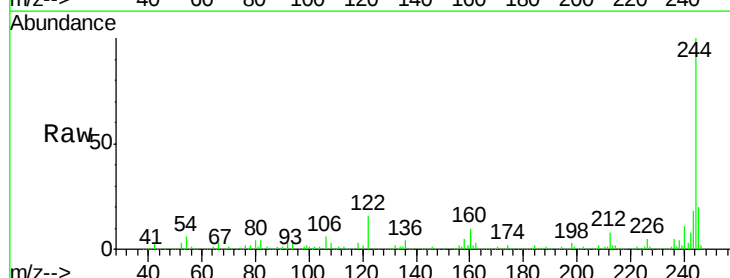
Tgt Ion:244 Resp: 1293754

Ion Ratio Lower Upper

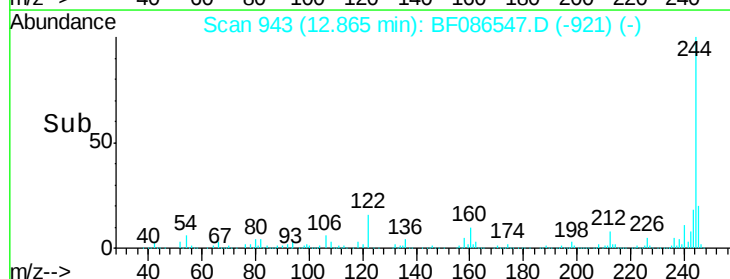
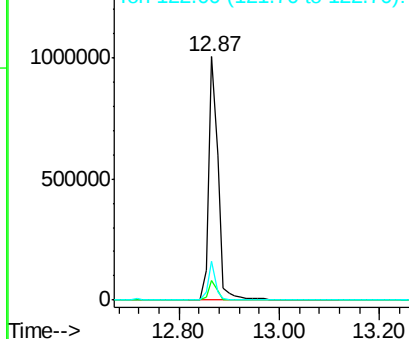
244 100

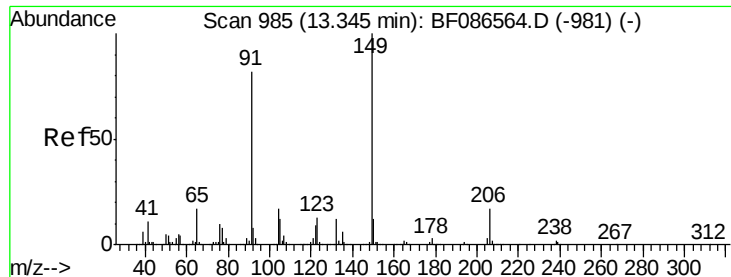
212 8.1 6.2 9.2

122 15.8 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





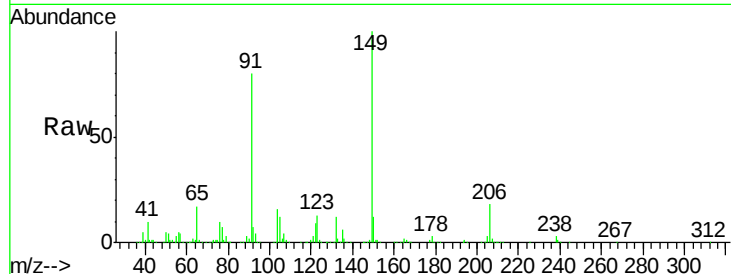
#79
Butylbenzylphthalate
Concen: 41.56 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

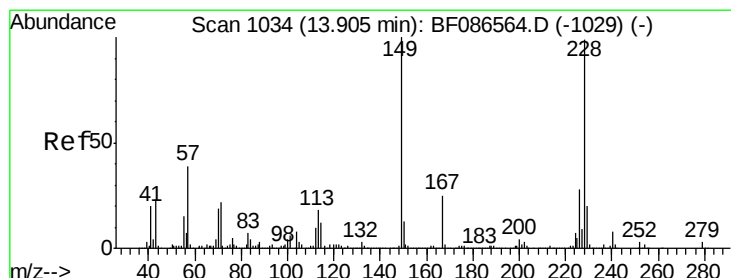
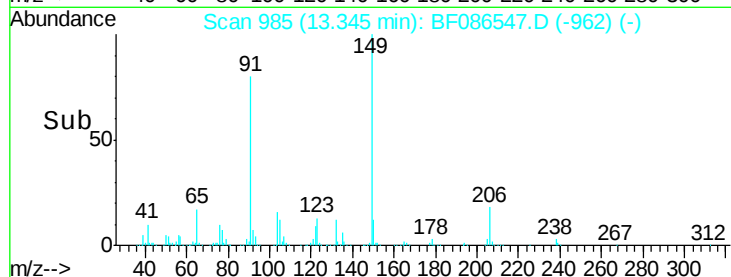
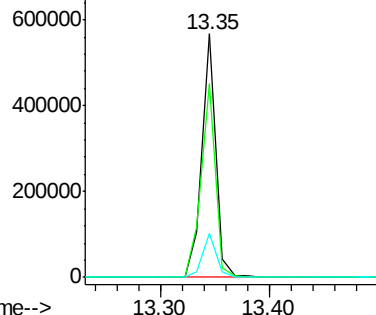
Tot Ion	Ratio	Resp	Lower	Upper
149	100	501212		
91	79.7	48.0	72.0#	
206	18.1	15.8	23.6	

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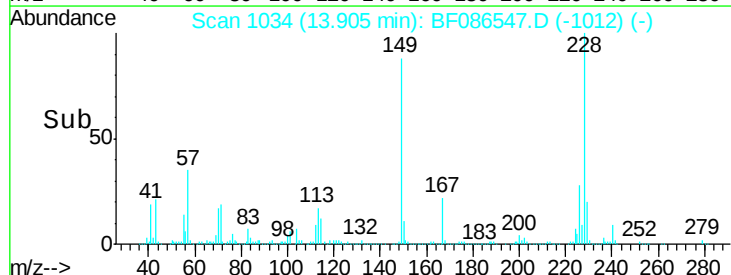
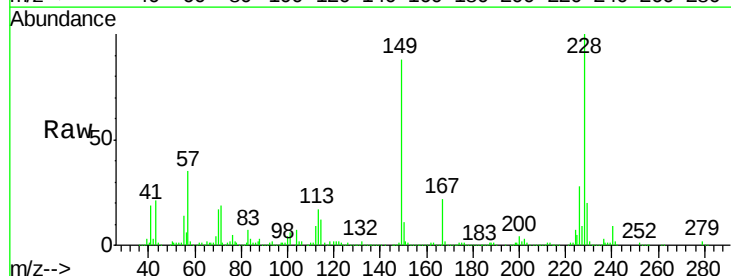
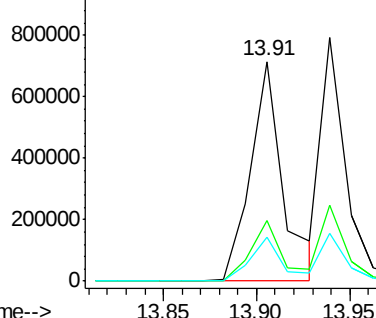
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

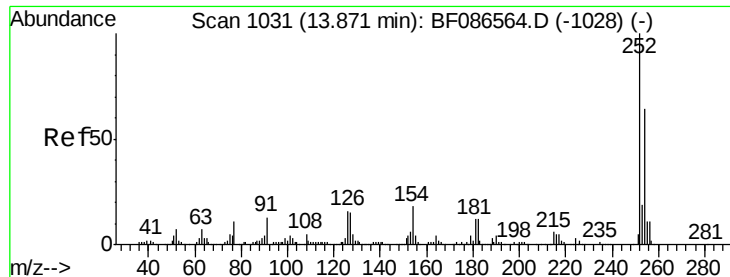


#80
Benzo(a)anthracene
Concen: 42.13 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	868041		
226	27.5	22.5	33.7	
229	19.9	16.6	25.0	

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





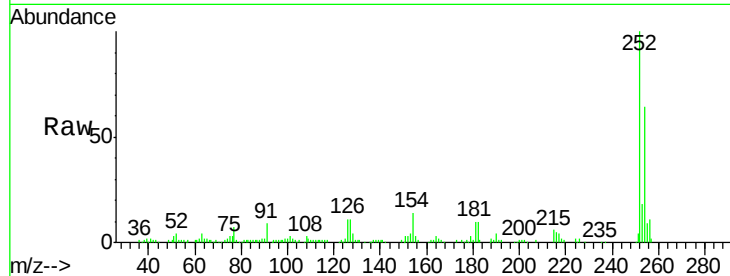
#81
 3,3'-Dichlorobenzidine
 Concen: 9.71 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

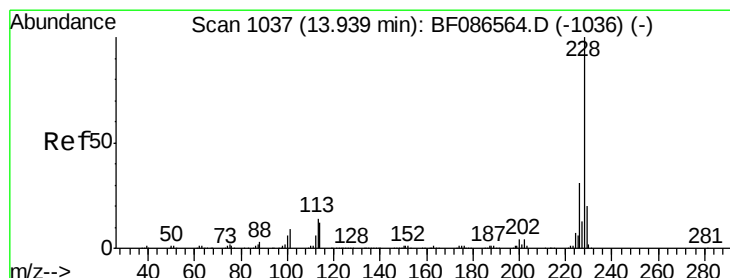
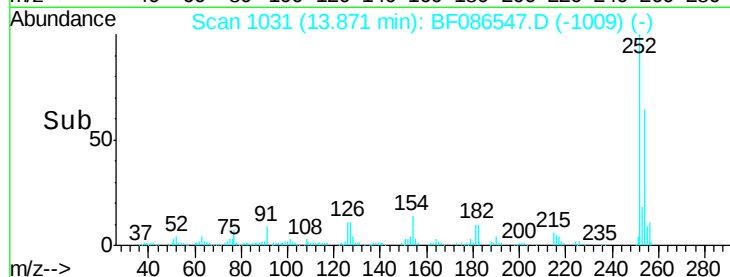
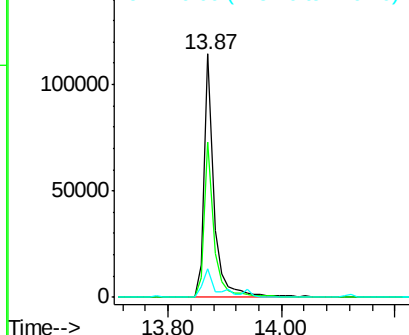
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.7	76.1
126	11.5	12.7	19.1

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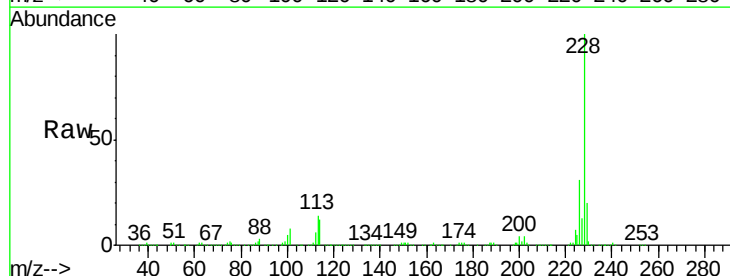


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

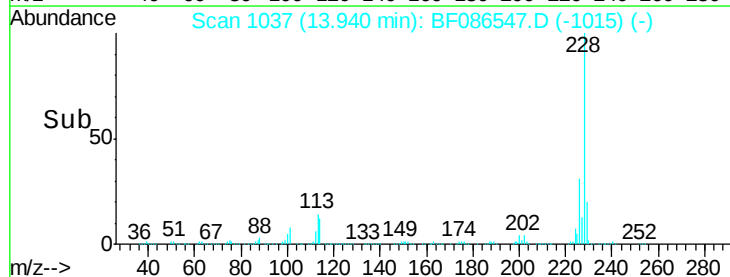
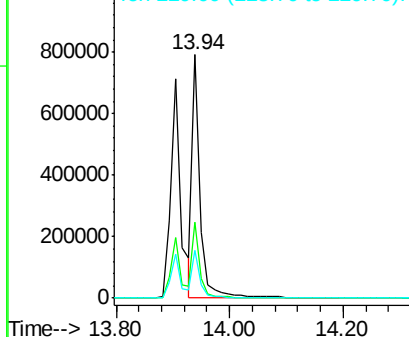


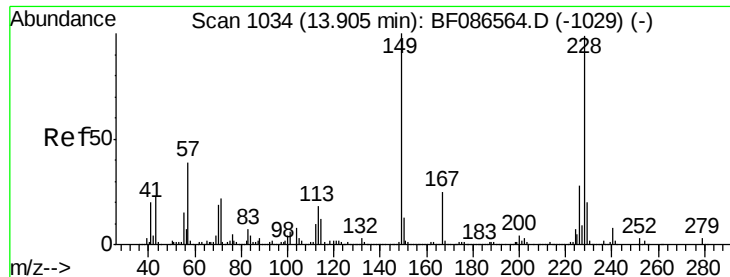
#82
 Chrysene
 Concen: 35.24 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	19.8	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





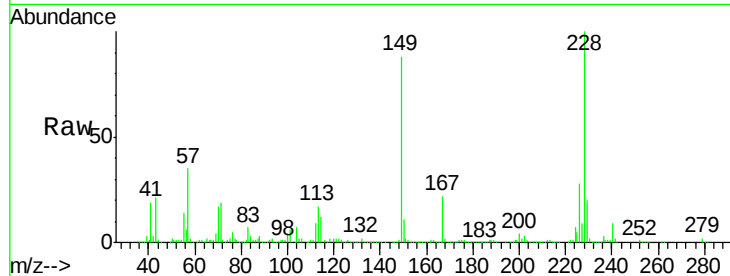
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.18 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampled :
 SS5MS

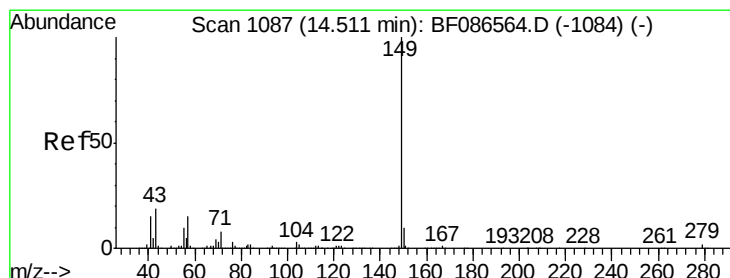
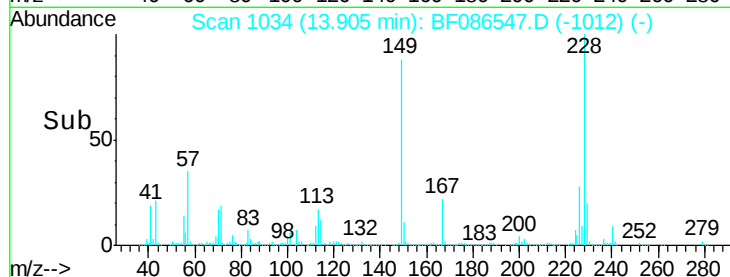
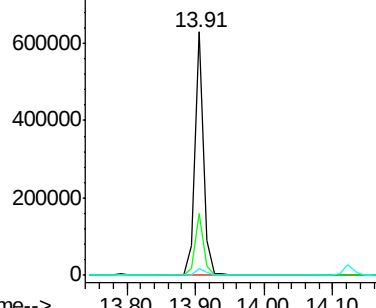
Tot Ion	Ratio	Resp	Lower	Upper
149	100	556679		
167	25.5	21.8	32.6	
279	2.6	2.6	4.0	

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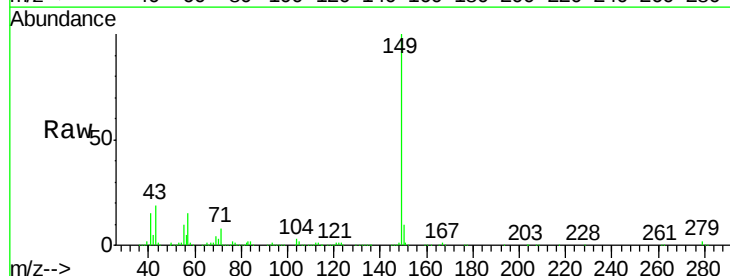


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

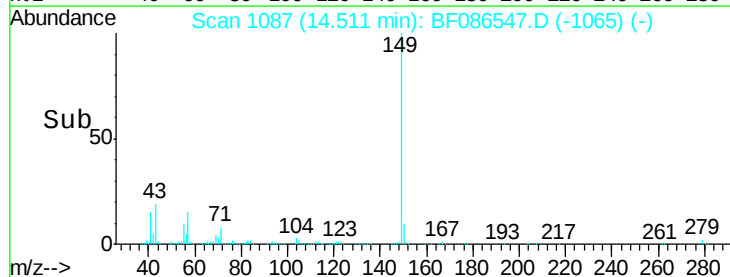
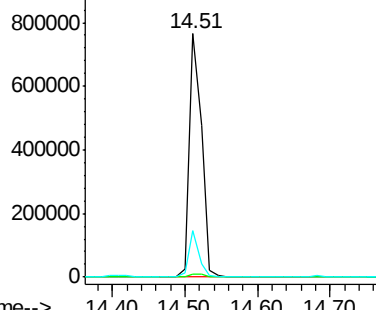


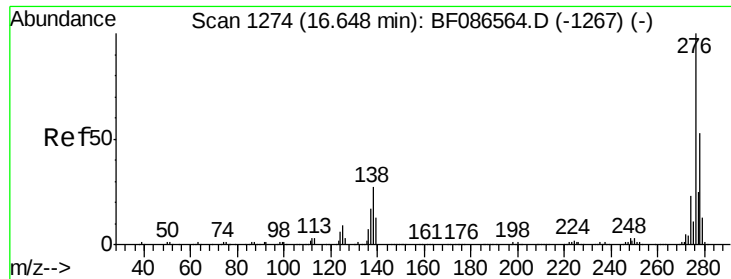
#84
 Di-n-octyl phthalate
 Concen: 38.17 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	894839		
167	1.5	1.2	1.8	
43	15.5	8.2	12.4	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





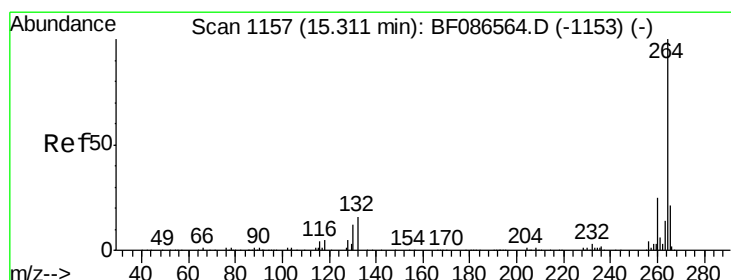
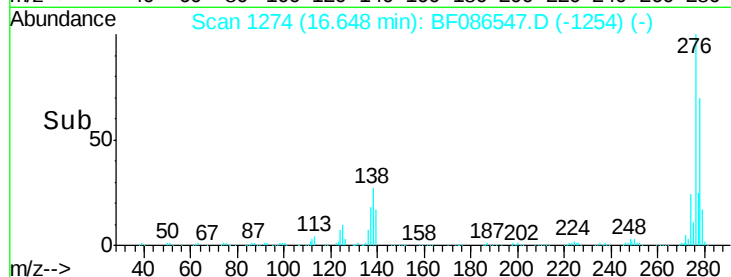
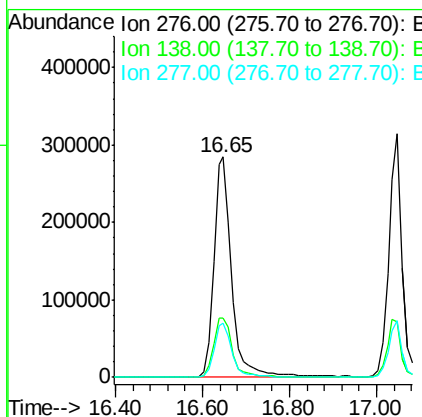
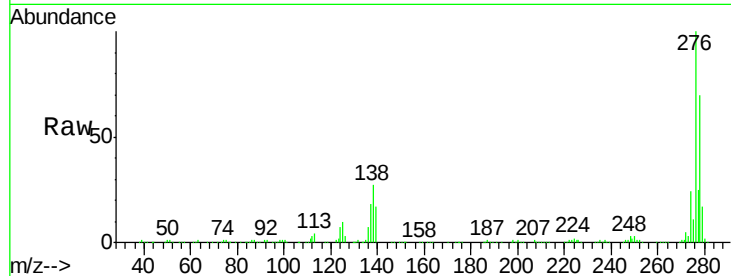
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.57 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.07 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

Tot Ion:	276	Resp:	822685
Ion Ratio	Lower	Upper	
276	100		
138	29.4	25.6	38.4
277	25.2	20.5	30.7

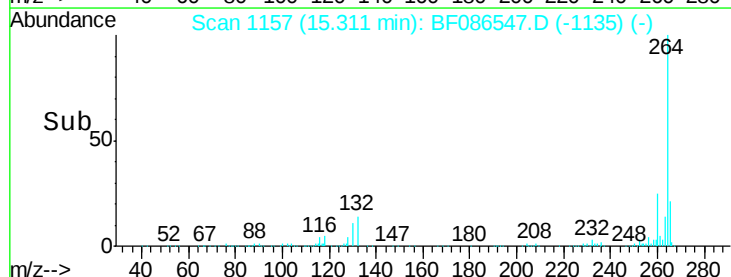
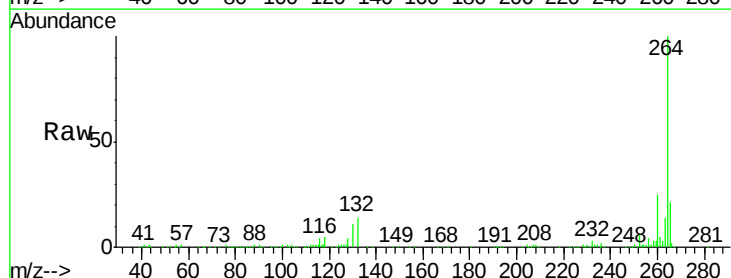
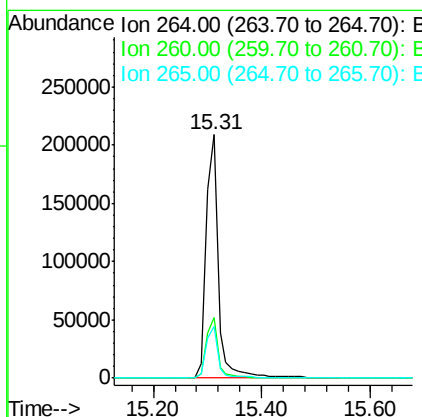
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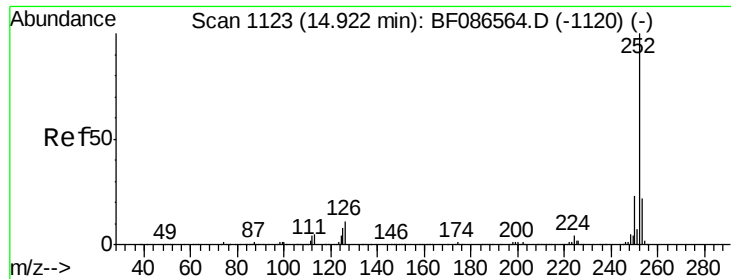
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion:	264	Resp:	325455
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.5	29.3
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 45.47 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

Tot Ion:252 Resp: 870546

Ion Ratio Lower Upper

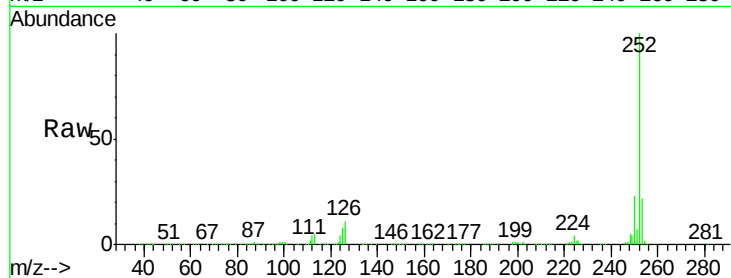
252 100

253 22.3 17.8 26.6

125 8.2 11.4 17.0#

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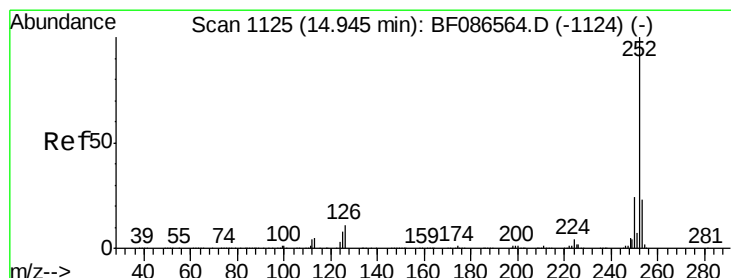
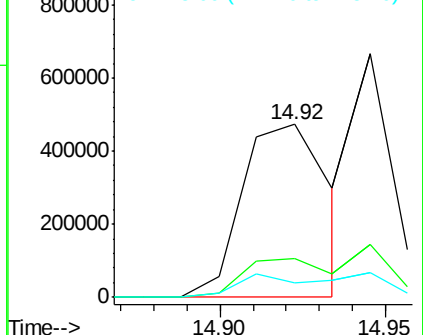
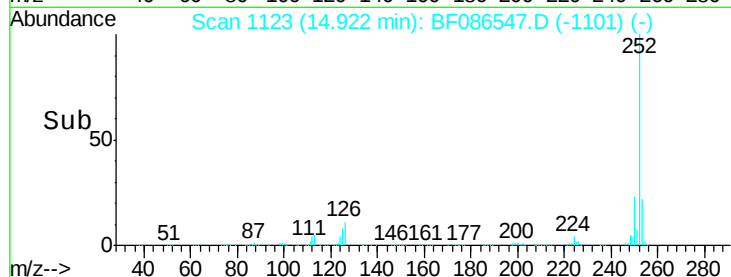
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.70 ng m

RT: 14.95 min Scan# 1125

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

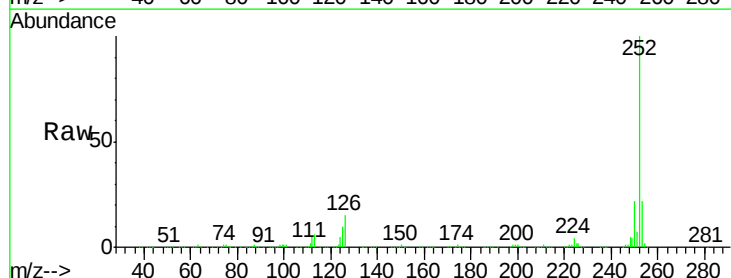
Tgt Ion:252 Resp: 633085

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

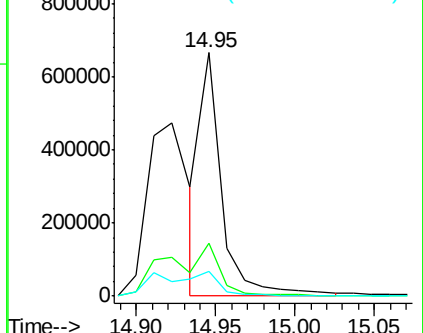
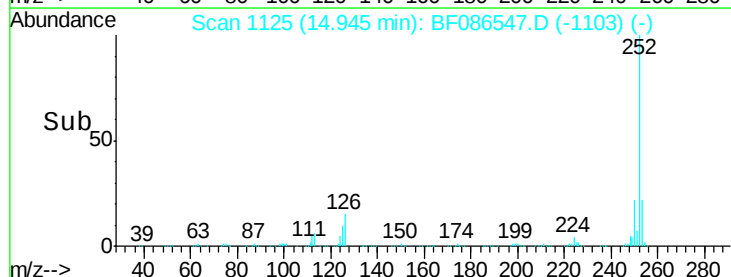
125 10.0 9.1 13.7

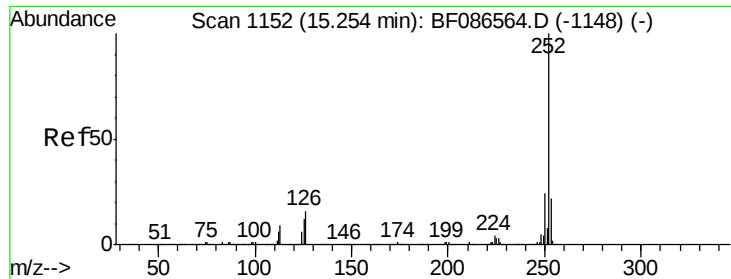


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





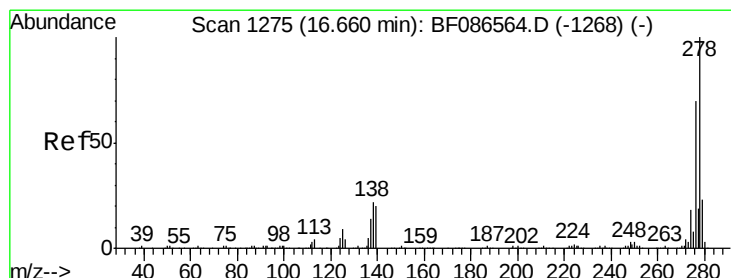
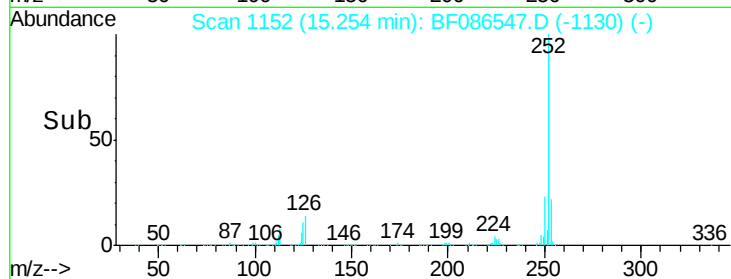
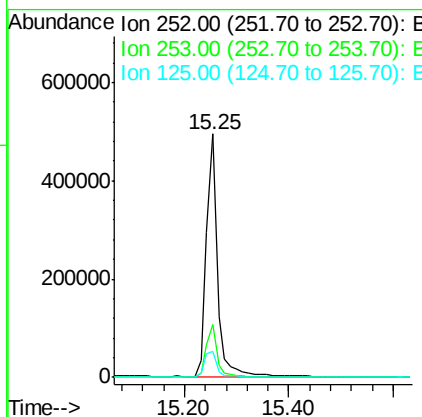
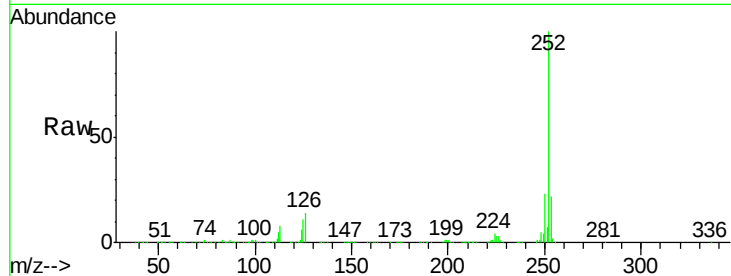
#89
Benzo(a)pyrene
Concen: 40.29 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.6	9.0	13.6

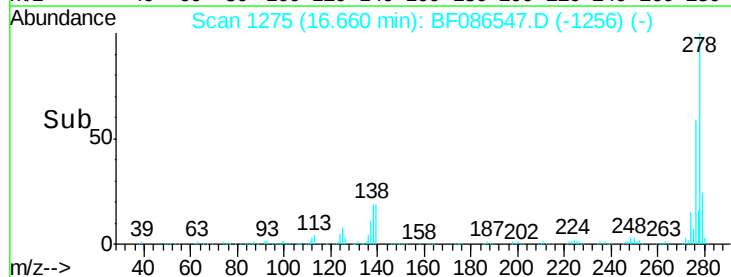
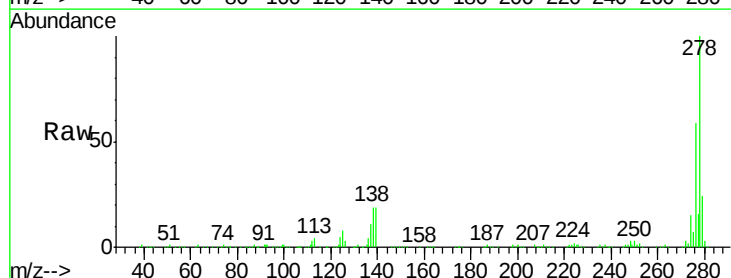
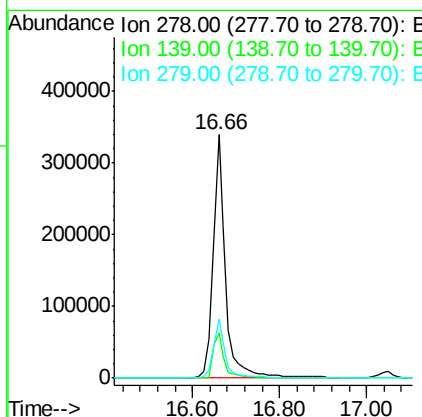
Manual Integrations
APPROVED

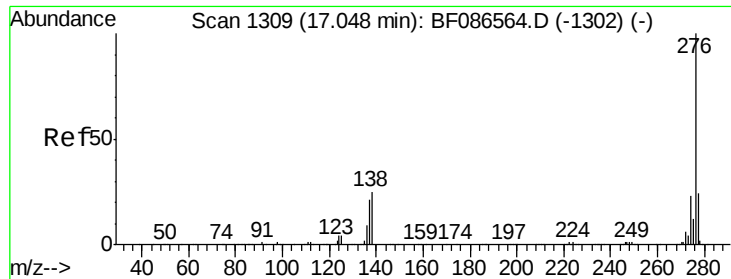
sohil
5/2/2016 7:54:31 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.22 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.08 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.6	24.8
279	24.2	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.75 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.08 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	19.6	29.4
138	22.7	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:54:31 PM

