

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086548.D
 Acq On : 1 May 2016 3:48
 Operator : UM/SJ
 Sample : H2720-11MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Manual Integrations
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 5/2/2016 7:57:55 PM

Quant Time: May 02 01:24:48 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	140881	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	610462	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	295728	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	567401	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	388862	20.00	ng	-0.05
86) Perylene-d12	15.31	264	337125	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1136117	139.10	ng	-0.02
7) Phenol-d6	6.41	99	1519672	133.31	ng	-0.03
23) Nitrobenzene-d5	7.33	82	953511	84.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.60	330	398733	127.85	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1469723	87.54	ng	-0.03
78) Terphenyl-d14	12.87	244	1370958	77.67	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	159879	37.26	ng	# 81
3) Pyridine	3.05	79	377572	37.18	ng	# 75
4) n-Nitrosodimethylamine	2.99	42	287750	49.72	ng	# 57
6) Aniline	6.43	93	304725	22.09	ng	# 38
8) 2-Chlorophenol	6.56	128	443712	43.62	ng	98
9) Benzaldehyde	6.30	77	58719	8.85	ng	94
10) Phenol	6.43	94	506350	39.81	ng	# 69
11) bis(2-Chloroethyl)ether	6.51	93	483232	43.95	ng	92
12) 1,3-Dichlorobenzene	6.70	146	439250m	40.14	ng	96
13) 1,4-Dichlorobenzene	6.78	146	459301	40.68	ng	95
14) 1,2-Dichlorobenzene	6.93	146	411352	39.73	ng	94
15) Benzyl Alcohol	6.92	79	372506	51.65	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.06	45	924846	42.02	ng	# 93
17) 2-Methylphenol	7.04	107	388116	47.20	ng	96
18) Hexachloroethane	7.28	117	162577	38.54	ng	# 83
19) n-Nitroso-di-n-propylamine	7.20	70	358039	47.52	ng	# 87
20) 3+4-Methylphenols	7.18	107	432923	46.11	ng	# 89
22) Acetophenone	7.18	105	614434	45.90	ng	96
24) Nitrobenzene	7.36	77	522664	44.86	ng	98
25) Isophorone	7.60	82	943155	43.27	ng	96
26) 2-Nitrophenol	7.68	139	249106	46.44	ng	96
27) 2,4-Dimethylphenol	7.72	122	424976	45.15	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	584874	49.25	ng	98
29) 2,4-Dichlorophenol	7.92	162	384999	48.48	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	369913	40.15	ng	99
31) Naphthalene	8.08	128	1291674	41.58	ng	92
32) Benzoic acid	7.81	122	52802	16.35	ng	99
33) 4-Chloroaniline	8.13	127	137200	11.79	ng	98
34) Hexachlorobutadiene	8.19	225	195414	37.84	ng	100
35) Caprolactam	8.50	113	126354m	47.70	ng	97
36) 4-Chloro-3-methylphenol	8.62	107	451613	49.67	ng	# 96
37) 2-Methylnaphthalene	8.76	142	793501	43.29	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	319986	37.80	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	307299	73.05	ng	

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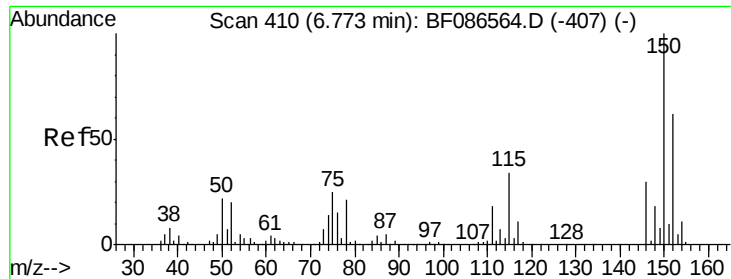
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Quant Time: May 02 01:24:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
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 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	241950	45.22	nq	93
43) 2,4,5-Trichlorophenol	9.09	196	257002	44.07	nq #	90
45) 1,1'-Biphenyl	9.23	154	955445	38.65	nq	97
46) 2-Chloronaphthalene	9.25	162	734906	39.10	nq	94
47) 2-Nitroaniline	9.36	65	327835	54.39	nq	89
48) Acenaphthylene	9.66	152	1159900	39.48	nq	98
49) Dimethylphthalate	9.54	163	1063974	47.79	nq	100
50) 2,6-Dinitrotoluene	9.60	165	199771	43.43	nq #	82
51) Acenaphthene	9.84	154	762379	40.40	nq	99
52) 3-Nitroaniline	9.77	138	127071	24.29	nq	95
53) 2,4-Dinitrophenol	9.87	184	109303	47.04	nq #	85
54) Dibenzofuran	10.01	168	1014959	43.04	nq	94
55) 4-Nitrophenol	9.94	139	327666	95.67	nq #	70
56) 2,4-Dinitrotoluene	10.00	165	270801	46.19	nq #	83
57) Fluorene	10.35	166	740880	36.18	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	232091	50.90	nq	97
59) Diethylphthalate	10.24	149	878706	41.69	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	384476	41.36	nq #	85
61) 4-Nitroaniline	10.38	138	241080	47.15	nq	86
62) Azobenzene	10.51	77	1084800	46.99	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	143026	42.94	nq #	71
65) n-Nitrosodiphenylamine	10.46	169	720069	40.61	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	234831	40.16	nq #	87
67) Hexachlorobenzene	10.90	284	262905	38.85	nq #	82
68) Atrazine	11.00	200	267590	50.25	nq	96
69) Pentachlorophenol	11.09	266	269392	75.50	nq	98
70) Phenanthrene	11.31	178	1184722	39.79	nq	99
71) Anthracene	11.37	178	1312669	41.31	nq	99
72) Carbazole	11.52	167	1182034	41.97	nq	99
73) Di-n-butylphthalate	11.86	149	1372413	43.01	nq	99
74) Fluoranthene	12.49	202	1228665	40.88	nq	99
76) Benzidine	12.61	184	260823	19.52	nq	97
77) Pyrene	12.72	202	1155561	41.24	nq	99
79) Butylbenzylphthalate	13.35	149	539084	44.42	nq #	81
80) Benzo(a)anthracene	13.91	228	905971	43.70	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	155480	11.22	nq #	97
82) Chrysene	13.94	228	834929	37.05	nq	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	581473	38.60	nq	97
84) Di-n-octyl phthalate	14.51	149	970897	41.16	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	874558	52.38	nq	97
87) Benzo(b)fluoranthene	14.92	252	922674m	46.52	nq	
88) Benzo(k)fluoranthene	14.95	252	675345m	32.65	nq	
89) Benzo(a)pyrene	15.25	252	776998	41.50	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	737433	48.13	nq	98
91) Benzo(g,h,i)perylene	17.05	276	735062	47.87	nq	95

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



#1

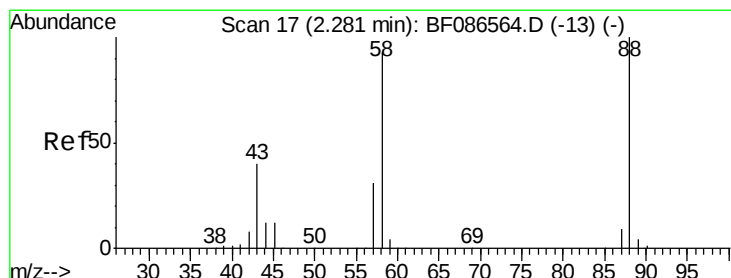
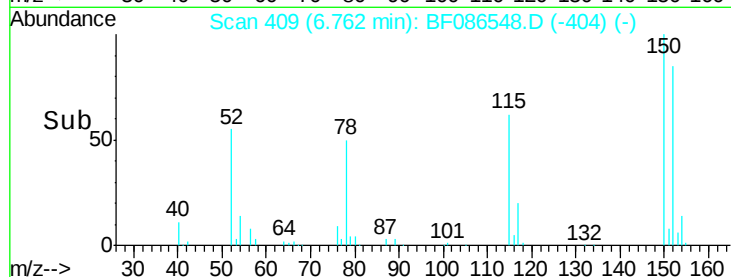
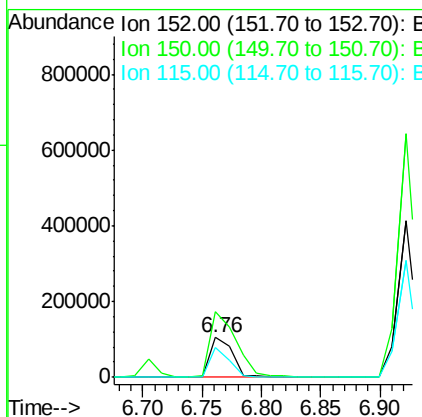
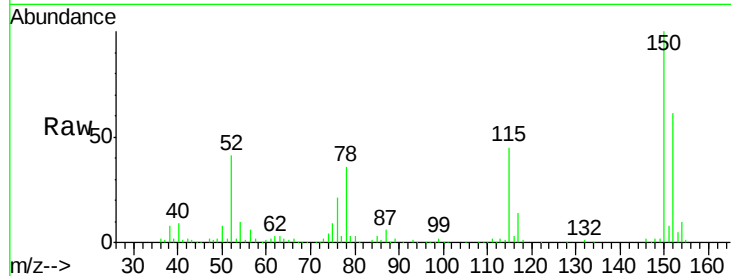
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampled :
SS5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	125.8	188.6
115	73.5	51.5	77.3

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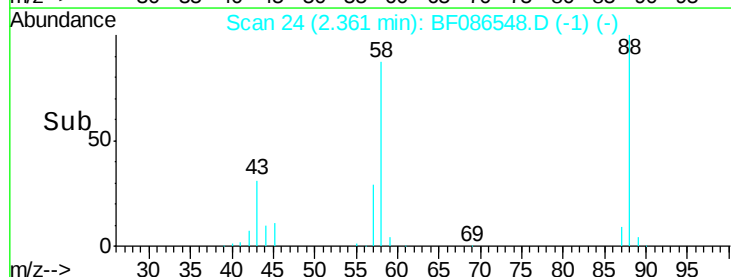
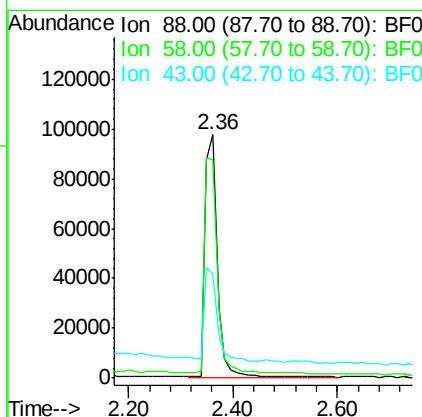
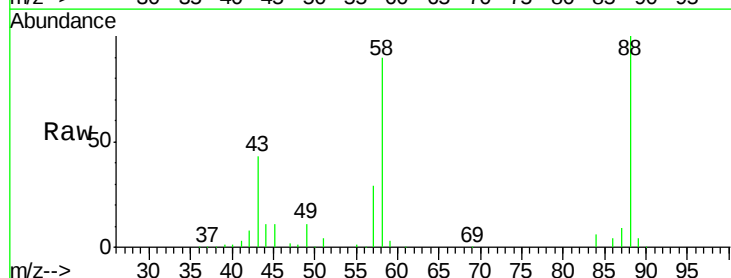
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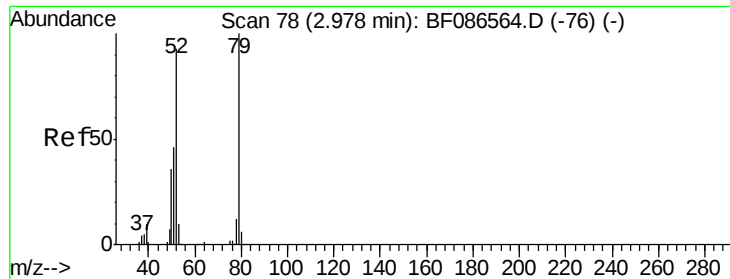


#2

1,4-Dioxane
Concen: 37.26 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.00 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.5	59.6	89.4#
43	39.0	21.8	32.6#





#3

Pvridine

Concen: 37.18 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

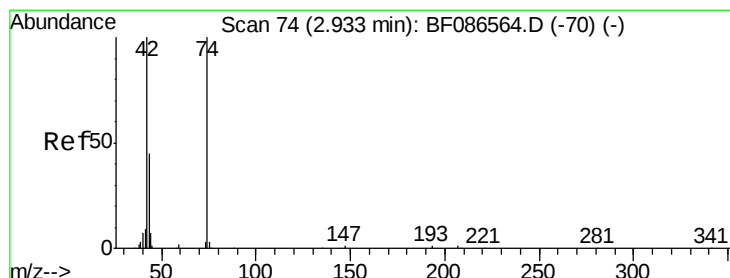
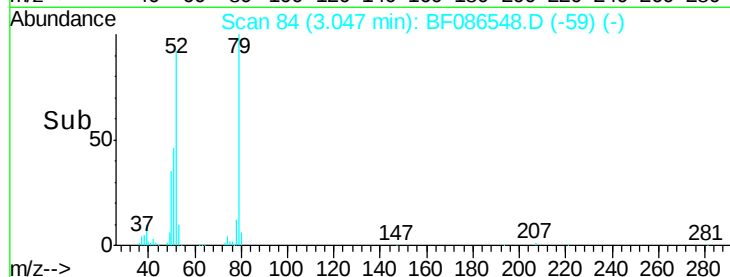
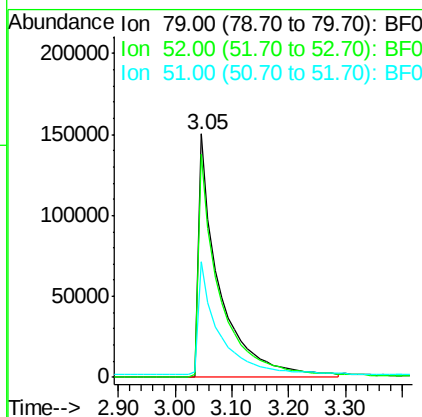
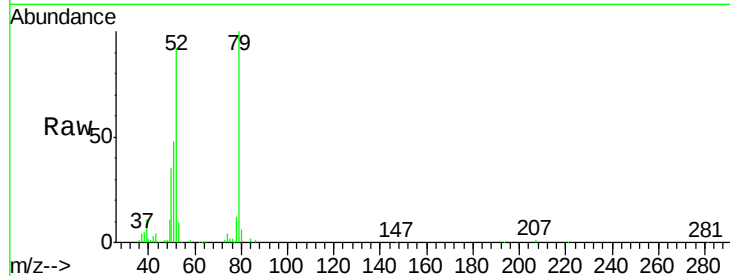
ClientSampleId :

SS5MSD

Tot Ion:	79	Resp:	377572
Ion Ratio	Lower	Upper	
79	100		
52	91.8	55.9	83.9#
51	47.6	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 49.72 ng

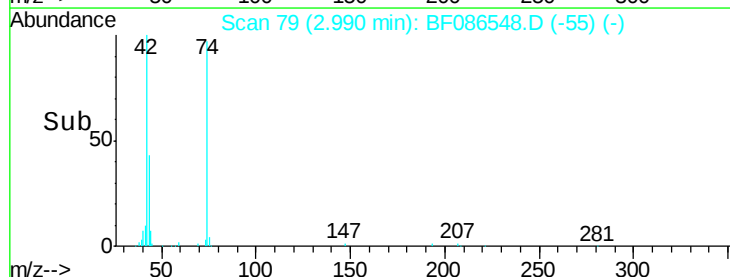
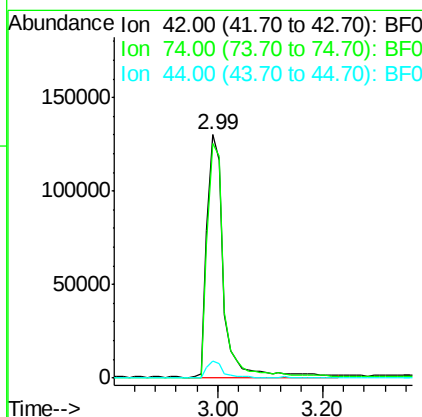
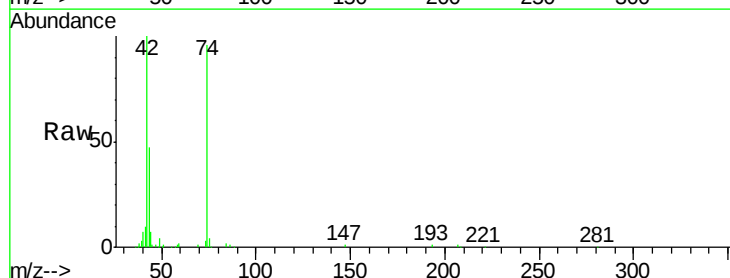
RT: 2.99 min Scan# 79

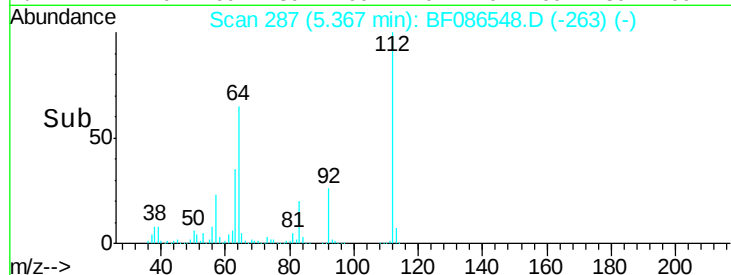
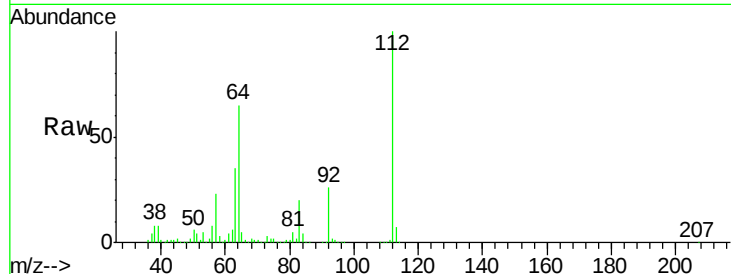
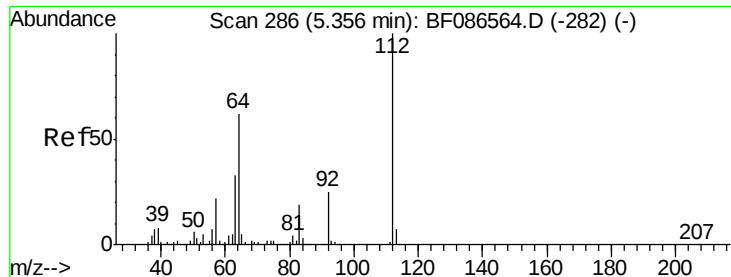
Delta R.T. -0.02 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion:	42	Resp:	287750
Ion Ratio	Lower	Upper	
42	100		
74	96.2	123.4	185.0#
44	7.0	5.8	8.6





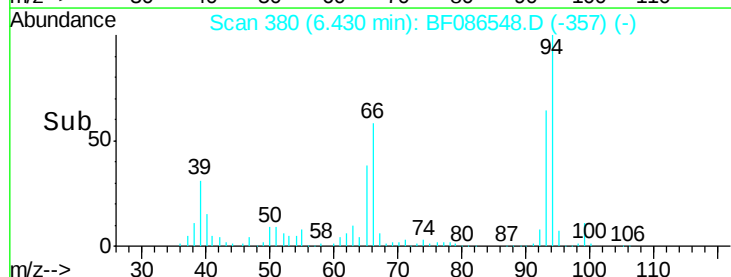
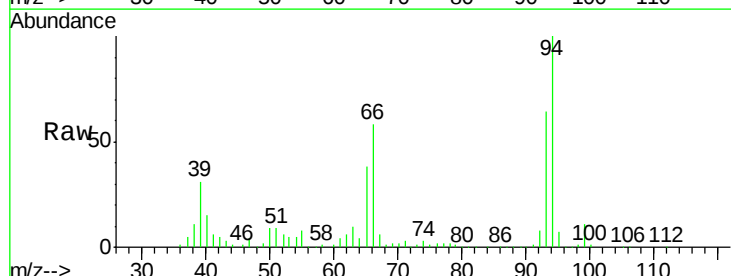
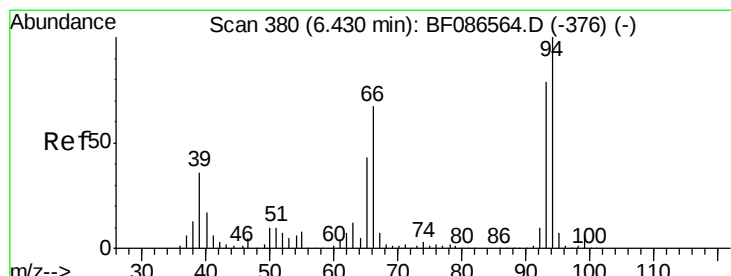
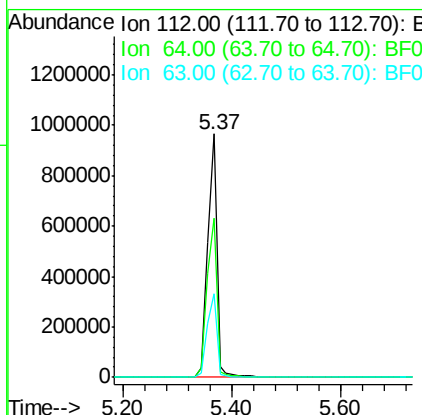
#5
2-Fluorophenol
Concen: 139.10 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tot Ion: 112 Resp: 1136117
Ion Ratio Lower Upper
112 100
64 65.4 52.1 78.1
63 34.5 25.7 38.5

Instrument :
BNA_F
ClientSampleId :
SS5MSD

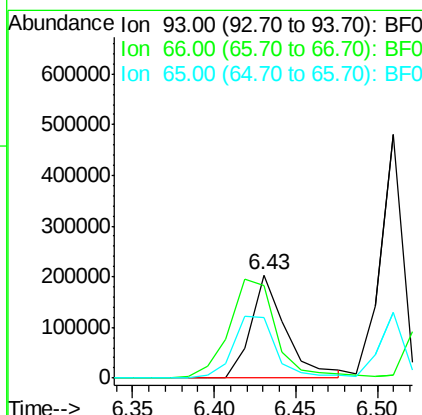
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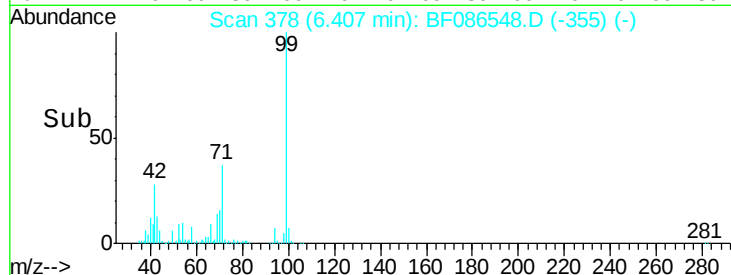
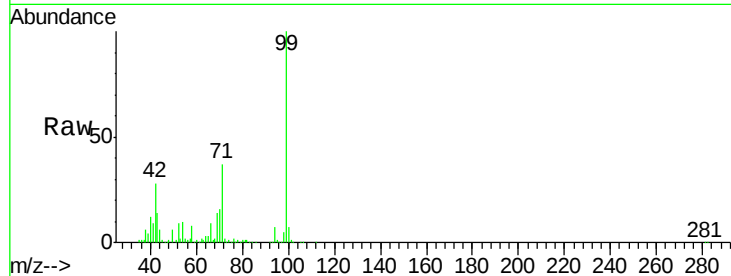
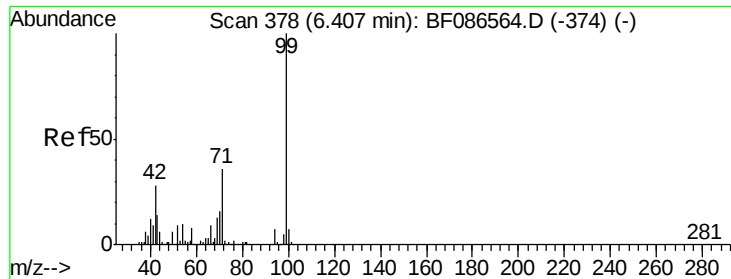
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#6
Aniline
Concen: 22.09 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion: 93 Resp: 304725
Ion Ratio Lower Upper
93 100
66 90.0 39.0 58.6#
65 58.4 20.6 31.0#





#7

Phenol-d6

Concen: 133.31 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tot Ion: 99 Resp: 1519672

Ion Ratio Lower Upper

99 100

42 27.8 13.6 20.4#

71 36.6 24.6 36.8

Instrument :

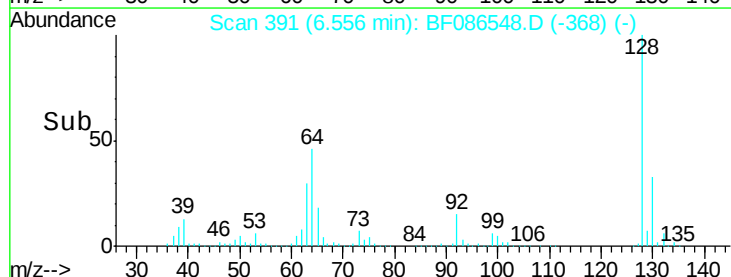
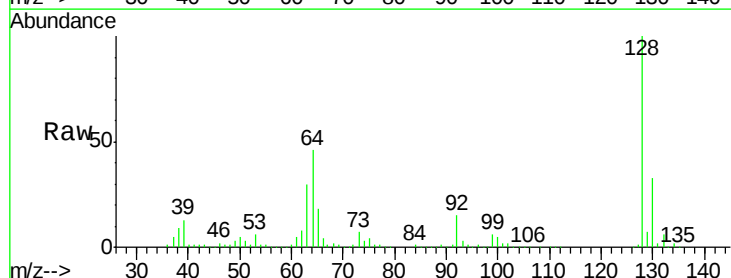
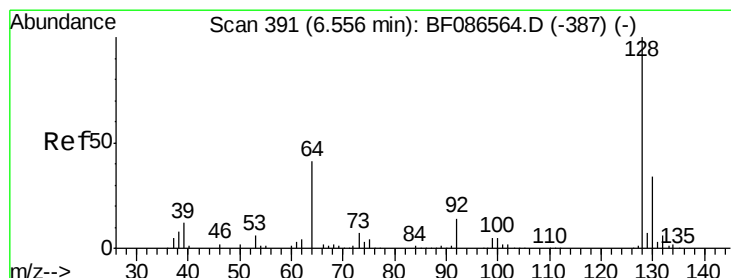
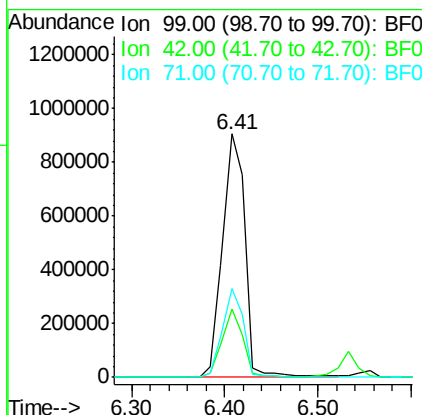
BNA_F

ClientSampleId :

SS5MSD

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#8

2-Chlorophenol

Concen: 43.62 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

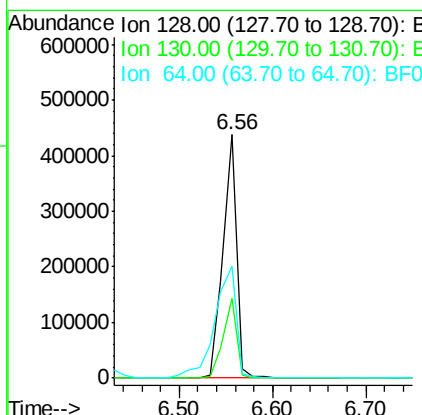
Tgt Ion: 128 Resp: 443712

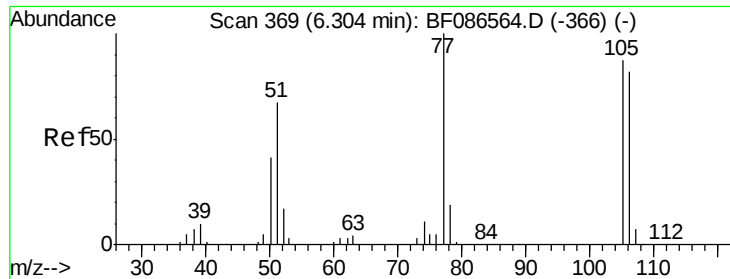
Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

64 45.7 27.3 67.3





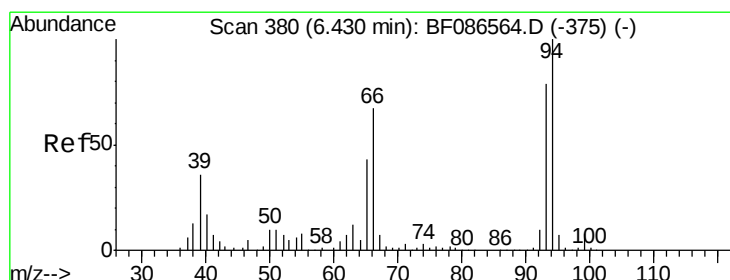
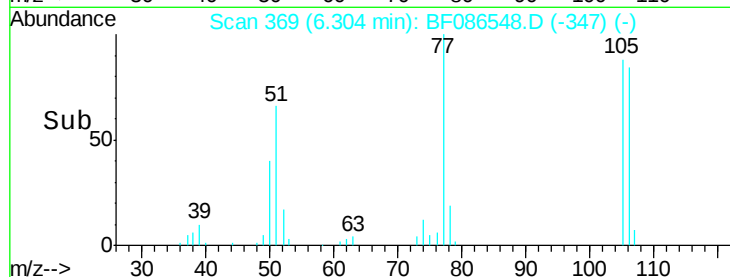
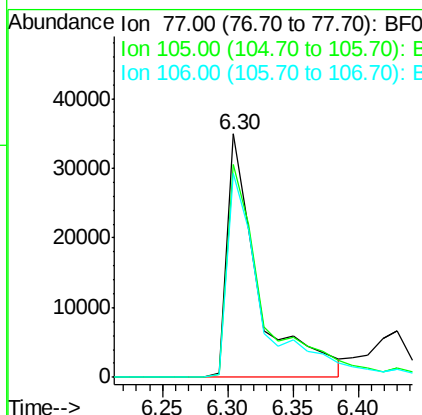
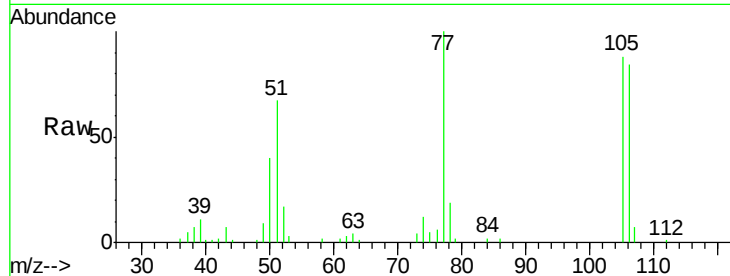
#9
Benzaldehyde
Concen: 8.85 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.5	72.7	112.7
106	83.7	70.8	110.8

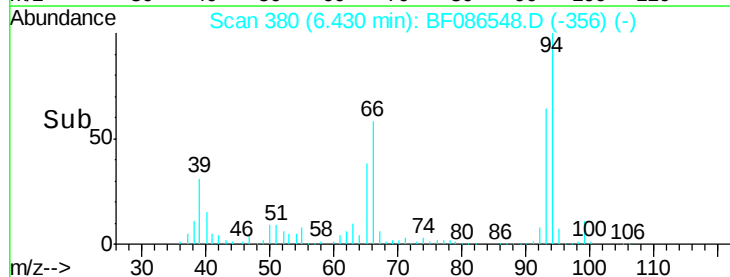
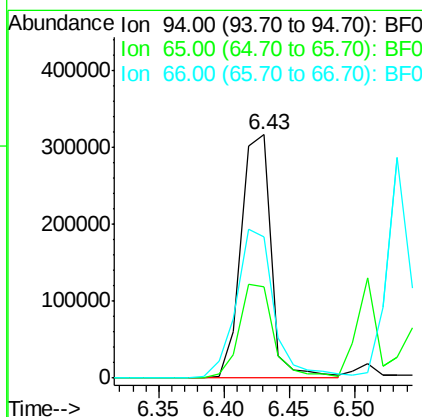
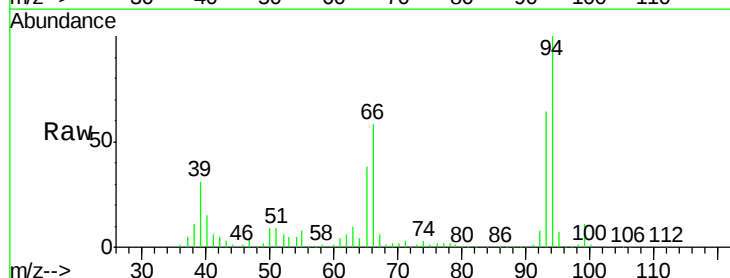
Manual Integrations
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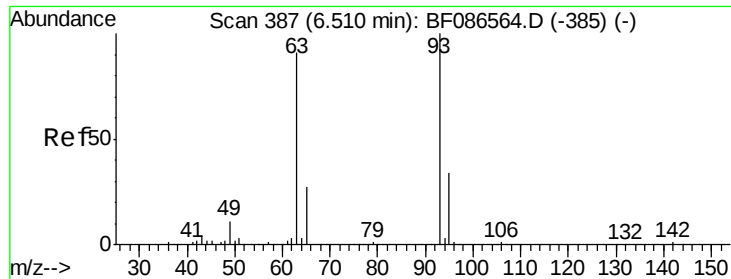
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#10
Phenol
Concen: 39.81 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.5	7.2	47.2
66	57.8	14.9	54.9





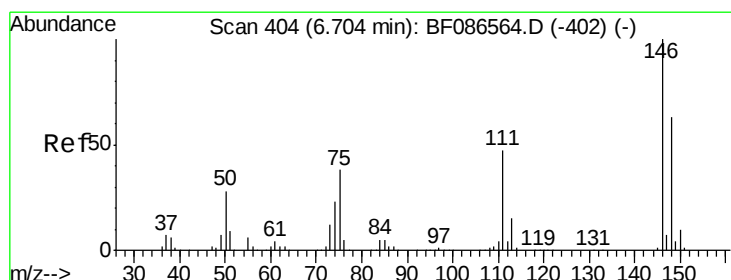
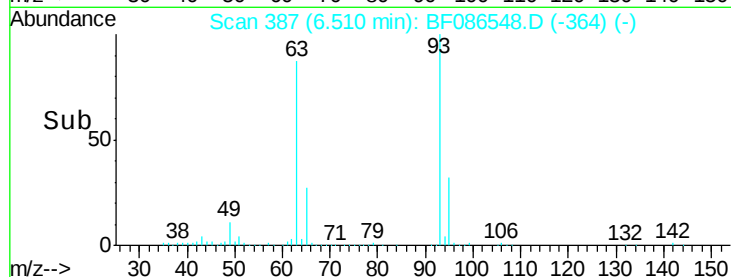
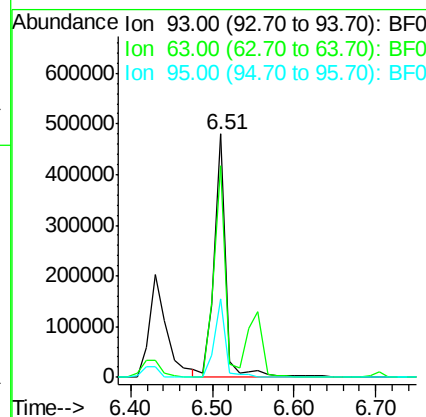
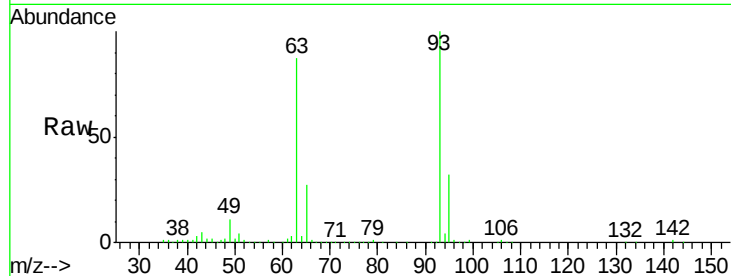
#11
bis(2-Chloroethyl)ether
Concen: 43.95 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	87.1	58.0	98.0	
95	32.4	11.9	51.9	

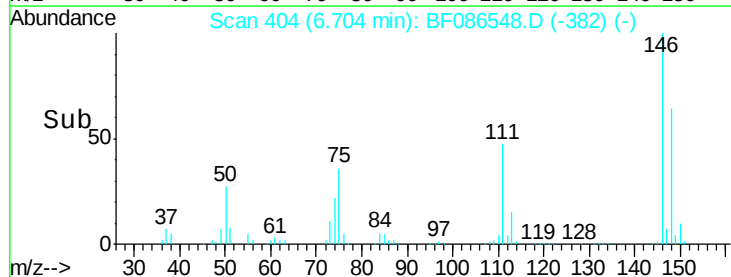
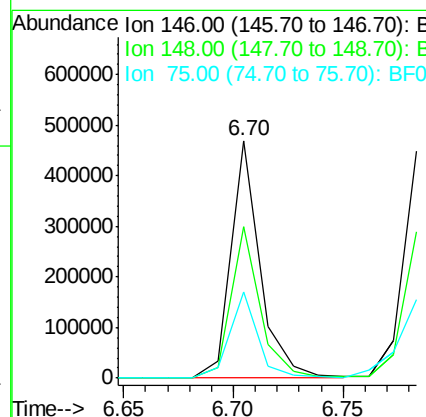
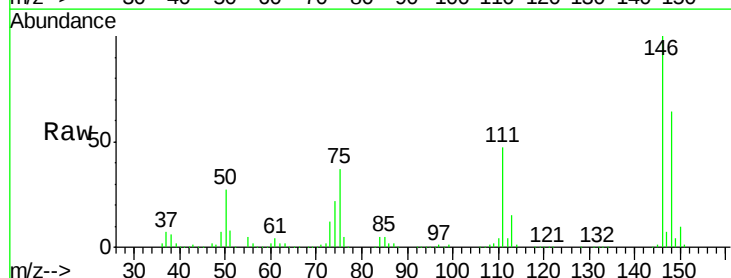
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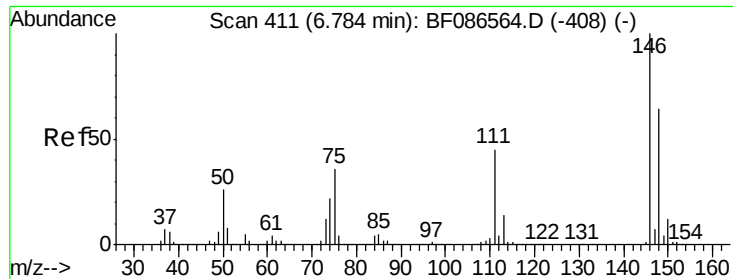
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#12
1,3-Dichlorobenzene
Concen: 40.14 ng m
RT: 6.70 min Scan# 404
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.7	52.4	78.6	
75	36.5	22.8	34.2	





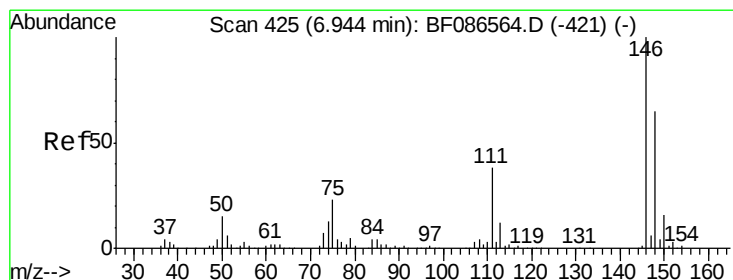
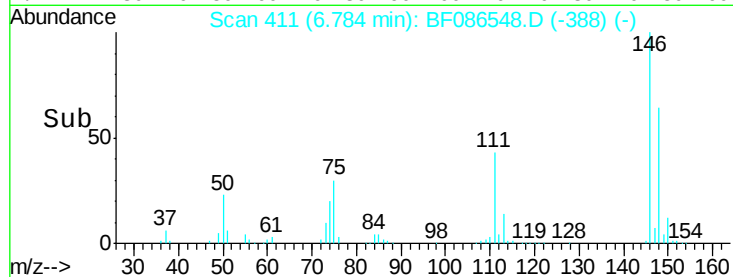
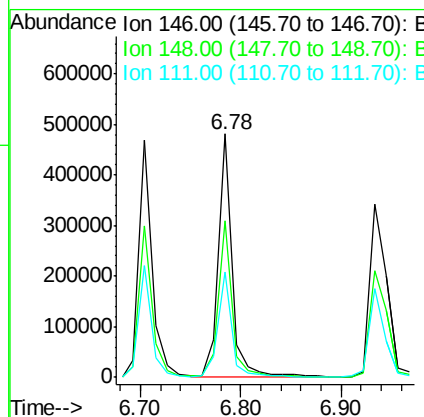
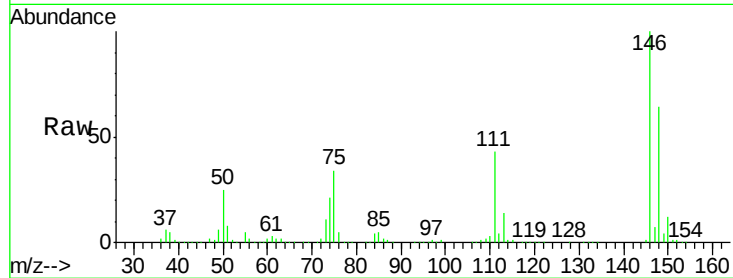
#13
 1,4-Dichlorobenzene
 Concen: 40.68 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampled :
 SS5MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	459301		
148	64.5	52.2	78.4	
111	43.4	30.7	46.1	

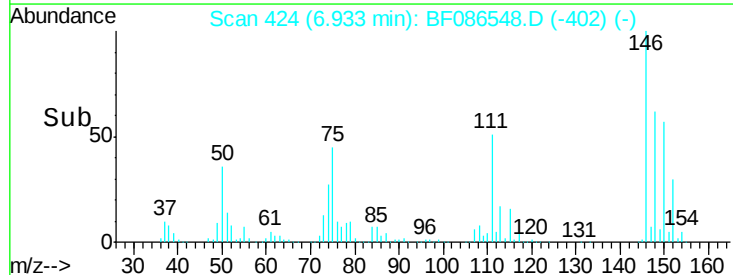
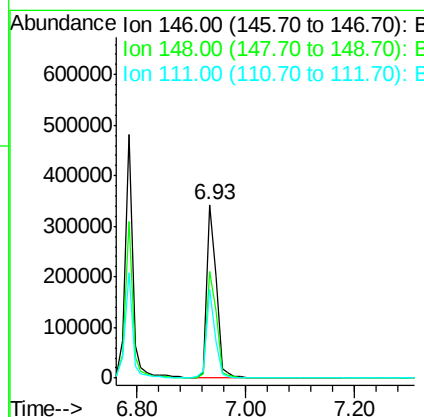
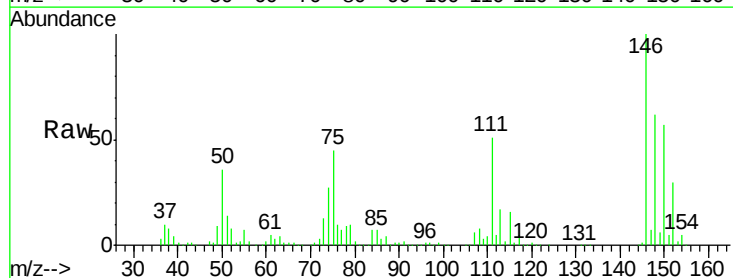
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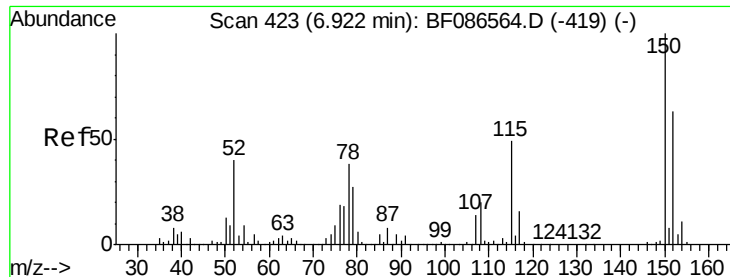
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#14
 1,2-Dichlorobenzene
 Concen: 39.73 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	411352		
148	61.9	51.0	76.6	
111	50.9	36.2	54.4	





#15

Benzyl Alcohol

Concen: 51.65 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

Tot Ion: 79 Resp: 372506

Ion Ratio Lower Upper

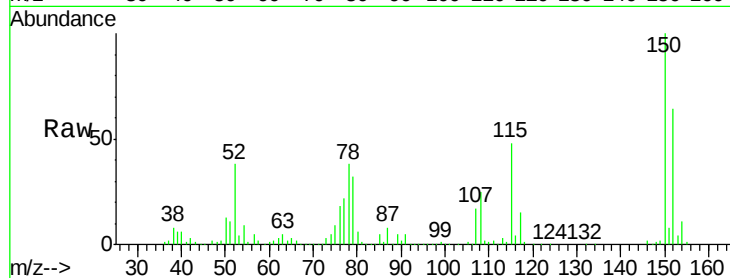
79 100

108 78.4 68.4 102.6

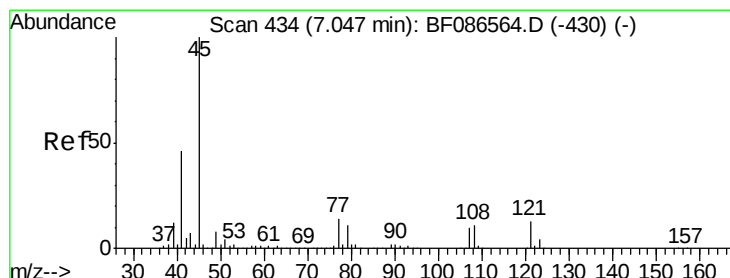
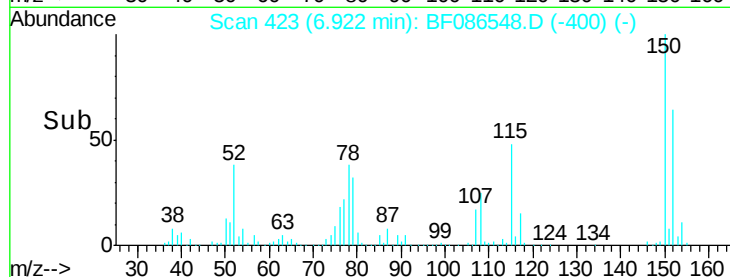
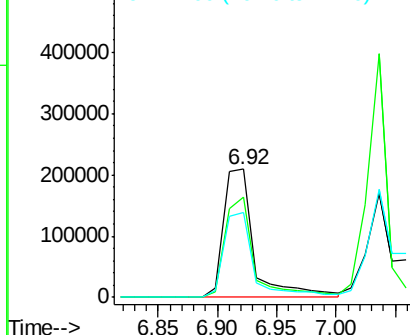
77 66.8 50.6 76.0

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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: 42.02 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

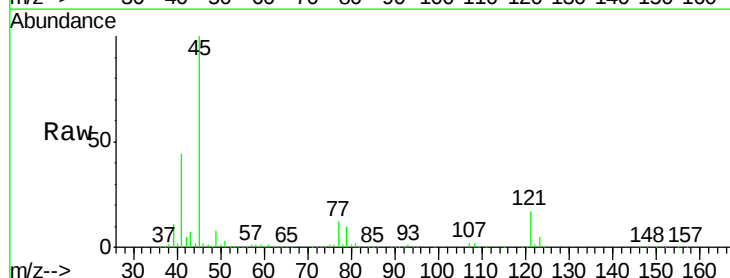
Tgt Ion: 45 Resp: 924846

Ion Ratio Lower Upper

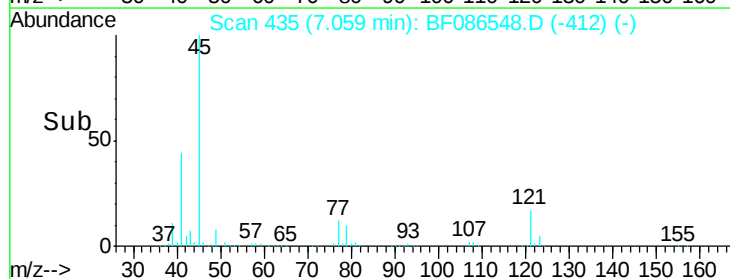
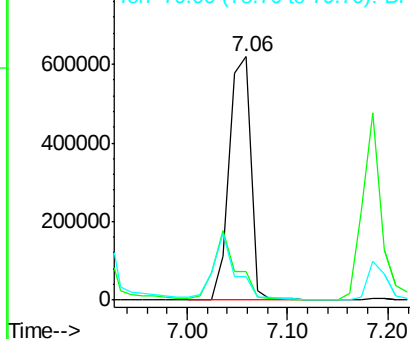
45 100

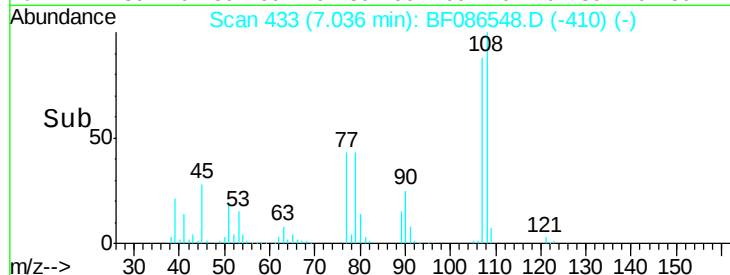
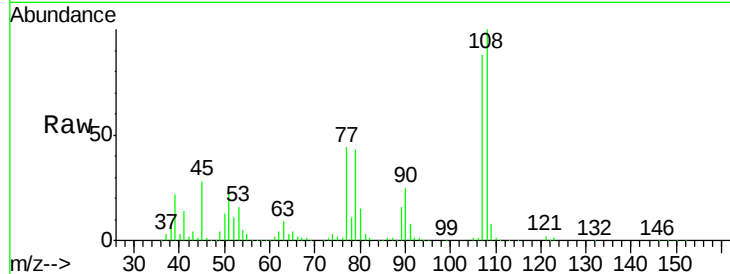
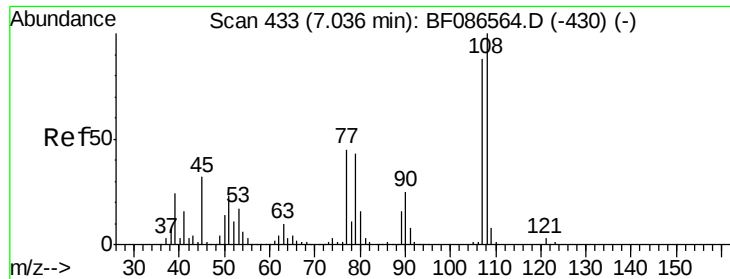
77 11.7 0.0 36.4

79 9.9 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: 47.20 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tot Ion:	107	Resp:	388116
Ion Ratio	Lower	Upper	
107	100		
108	113.7	93.7	140.5
77	50.2	33.4	50.0#
79	48.8	34.3	51.5

Instrument :

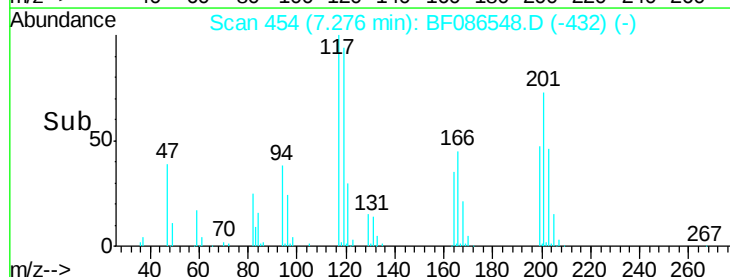
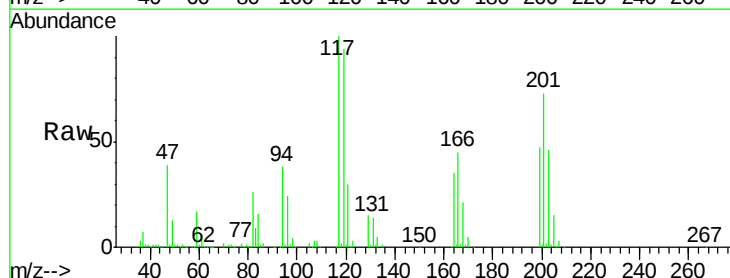
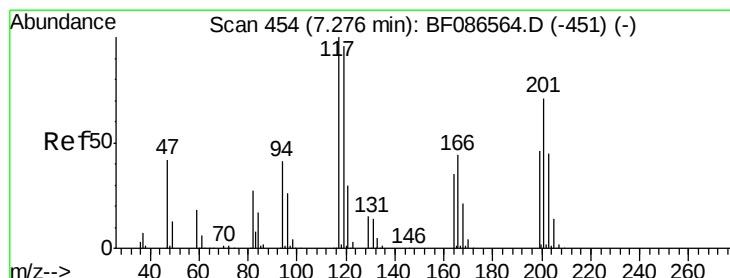
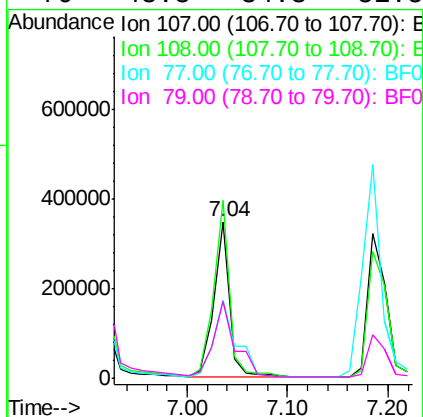
BNA_F

ClientSampled :

SS5MSD

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#18

Hexachloroethane

Concen: 38.54 ng

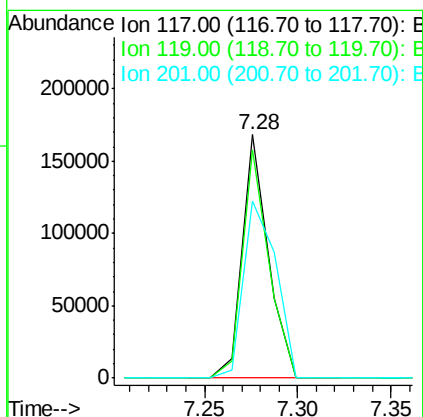
RT: 7.28 min Scan# 454

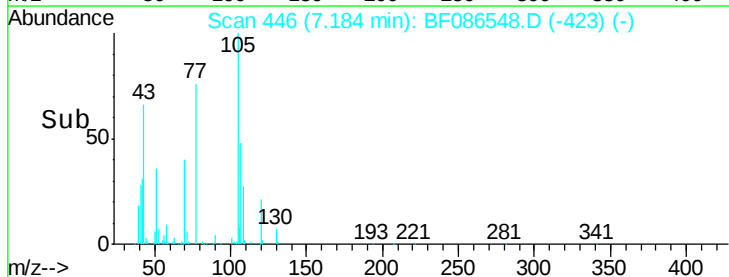
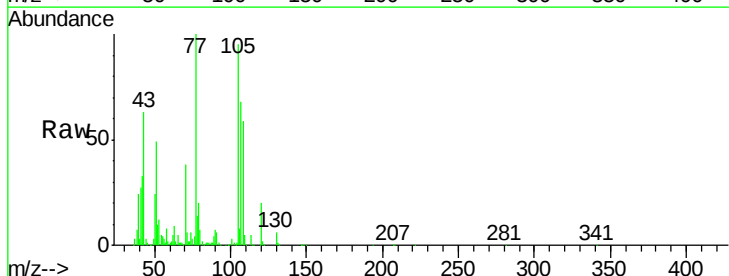
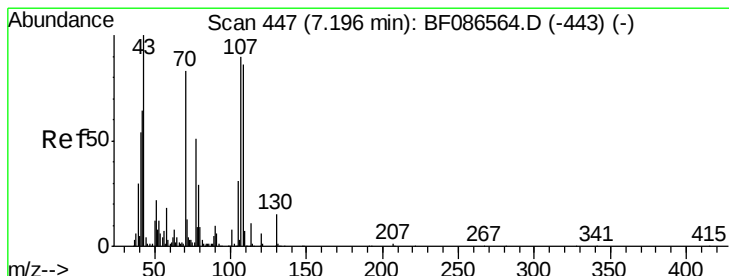
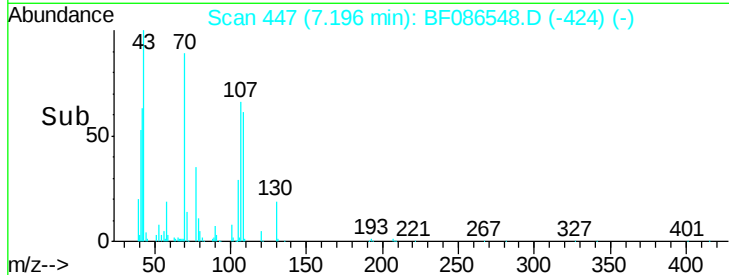
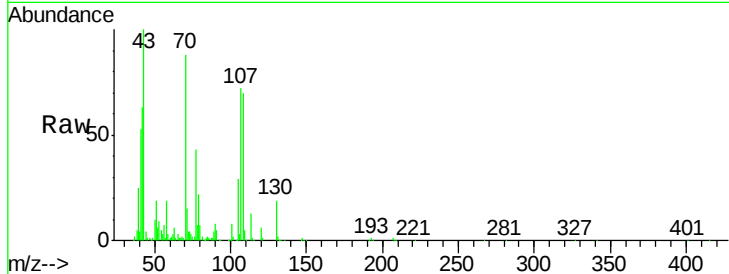
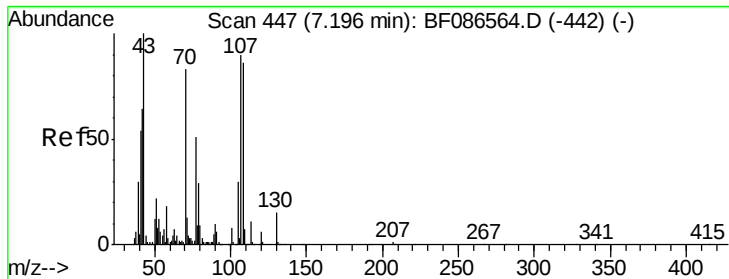
Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion:	117	Resp:	162577
Ion Ratio	Lower	Upper	
117	100		
119	93.9	76.5	114.7
201	73.0	63.0	94.6

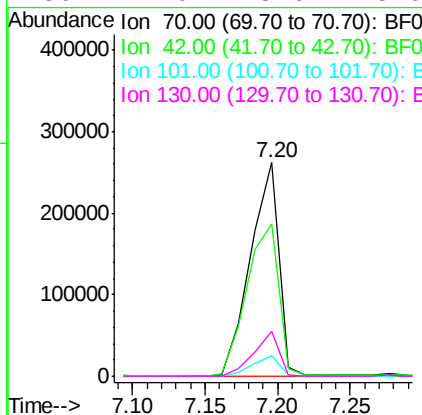




#19
n-Nitroso-di-n-propylamine
Concen: 47.52 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.5	43.1	64.7#
101	9.3	8.1	12.1
130	21.0	18.6	28.0

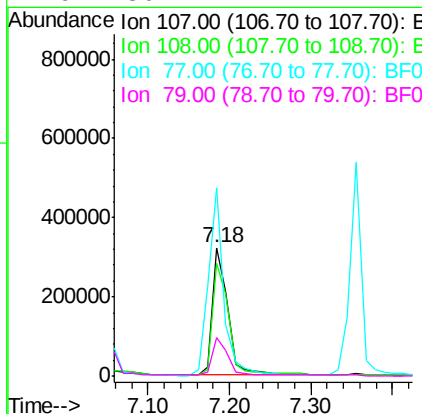


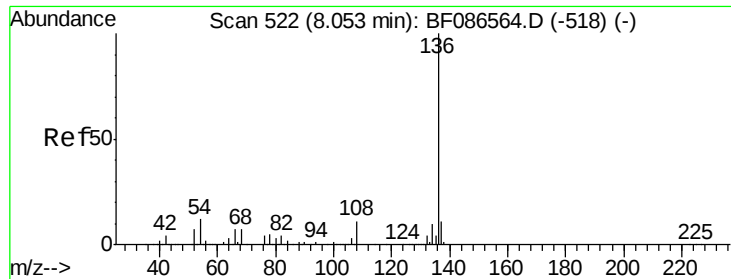
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#20
3+4-Methylphenols
Concen: 46.11 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.5	108.5
77	147.0	101.6	141.6#
79	30.1	7.4	47.4





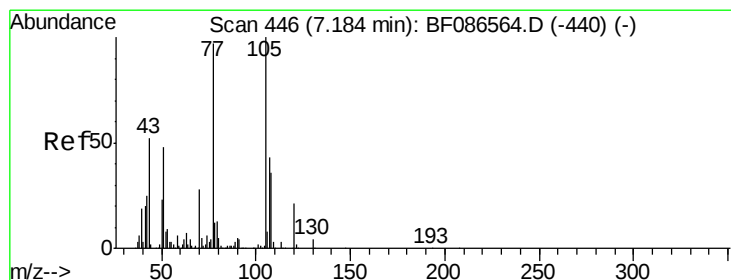
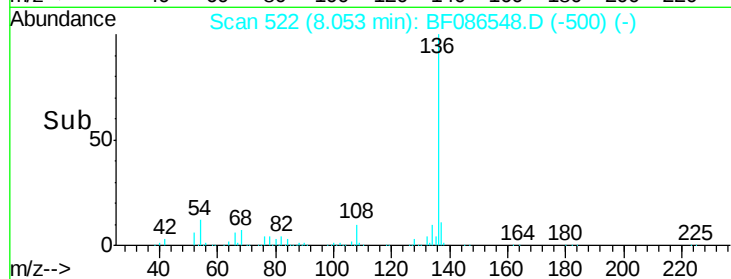
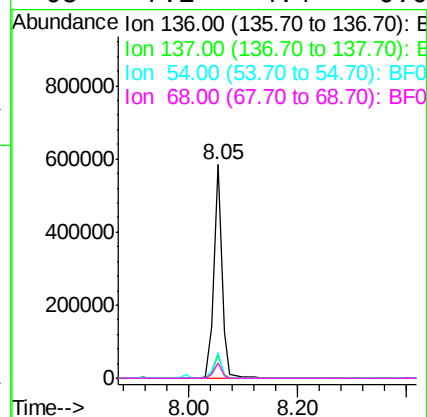
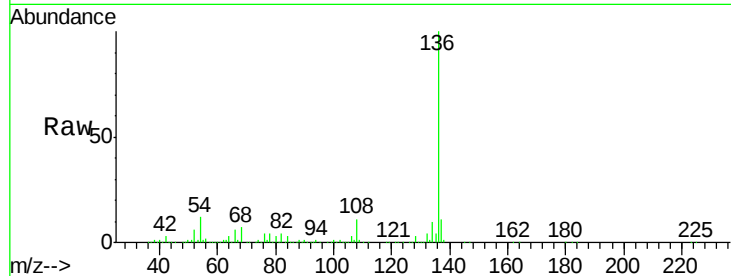
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	610462		
137	11.0	8.8	13.2	
54	12.1	5.0	7.4#	
68	7.1	4.4	6.6#	

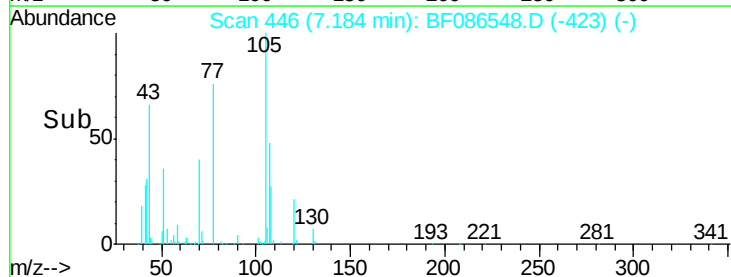
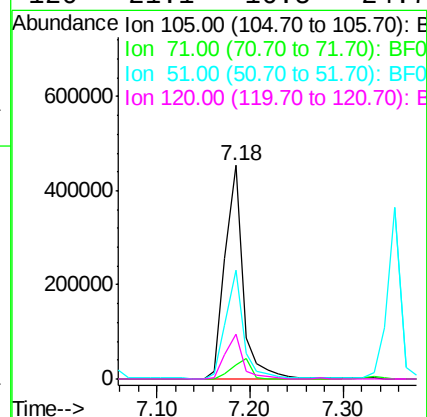
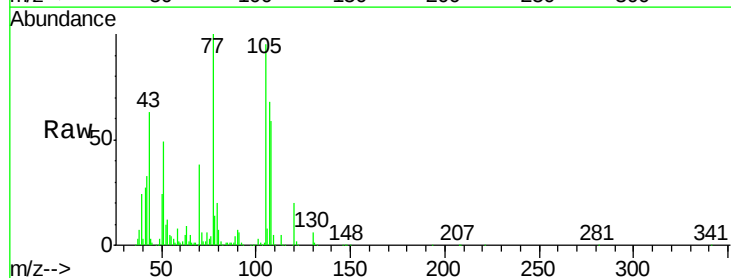
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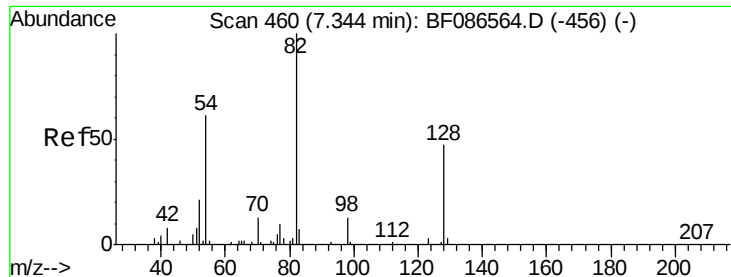
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#22
Acetophenone
Concen: 45.90 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	614434		
71	6.7	4.8	7.2	
51	51.1	32.6	49.0#	
120	21.1	16.5	24.7	





#23

Nitrobenzene-d5

Concen: 84.19 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

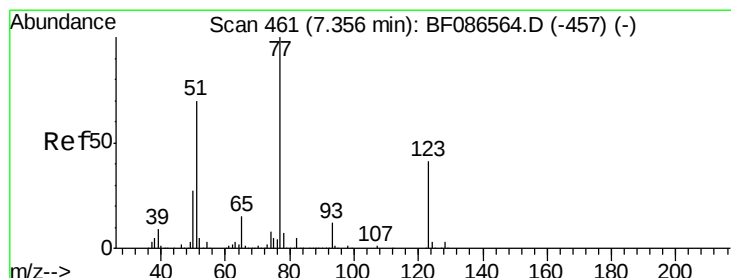
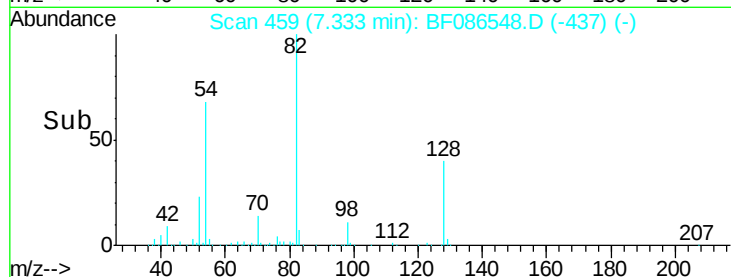
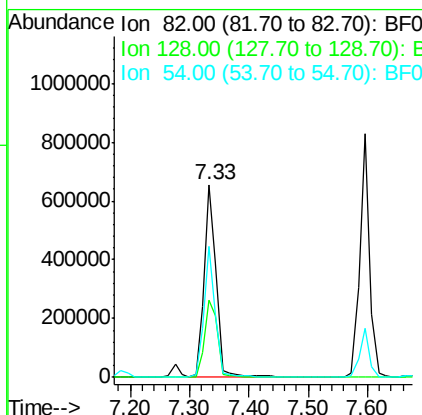
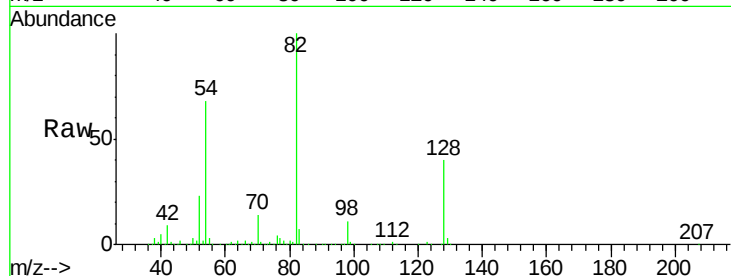
ClientSampleId :

SS5MSD

Tot Ion:	82	Resp:	953511
Ion Ratio	Lower	Upper	
82	100		
128	40.1	40.6	61.0#
54	67.9	38.1	57.1#

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#24

Nitrobenzene

Concen: 44.86 ng

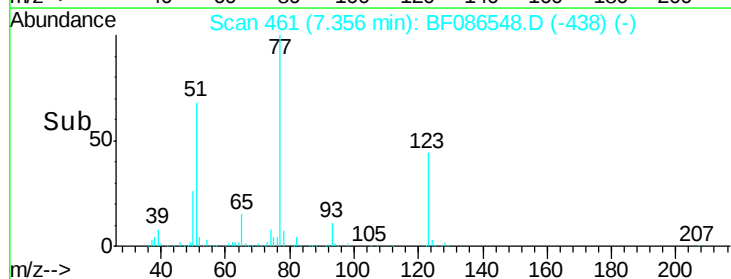
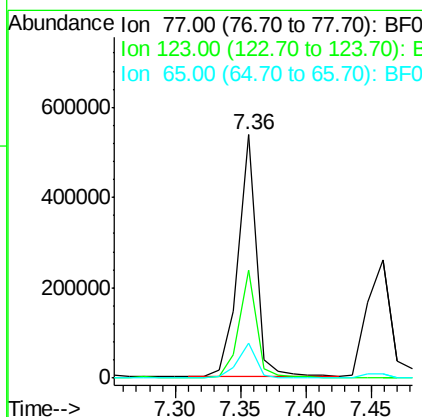
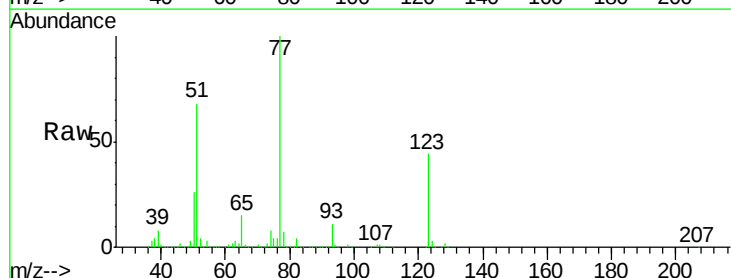
RT: 7.36 min Scan# 461

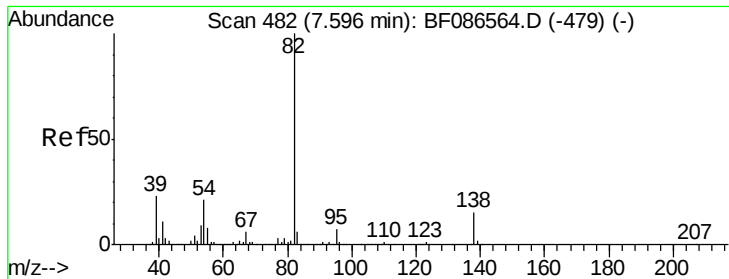
Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion:	77	Resp:	522664
Ion Ratio	Lower	Upper	
77	100		
123	44.2	33.0	49.4
65	14.6	10.8	16.2





#25

Isophorone

Concen: 43.27 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

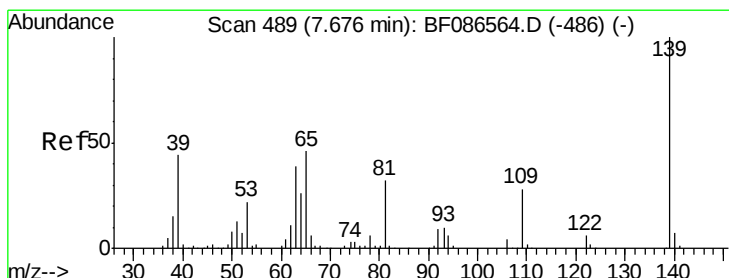
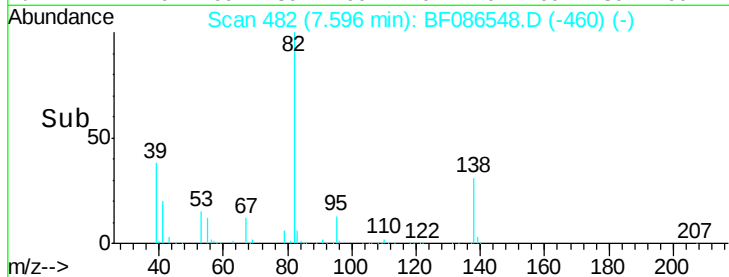
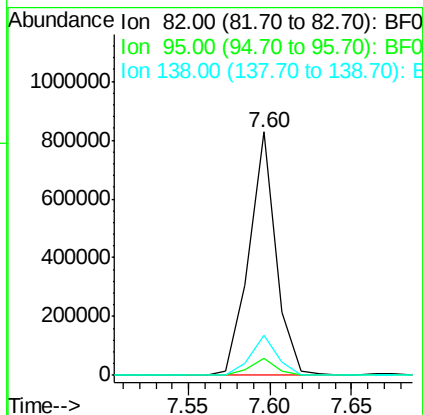
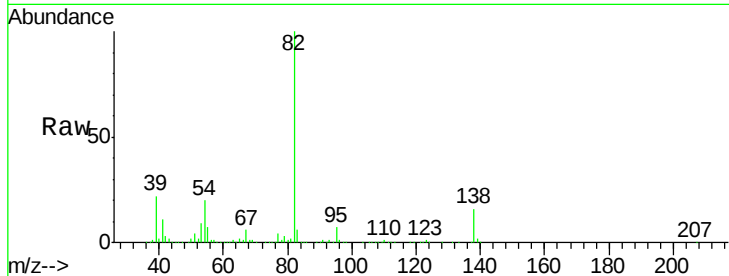
ClientSampleId :

SS5MSD

Tot Ion:	82	Resp:	943155
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	16.2	12.4	18.6

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#26

2-Nitrophenol

Concen: 46.44 ng

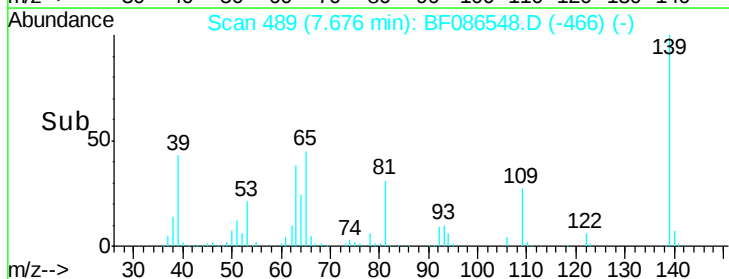
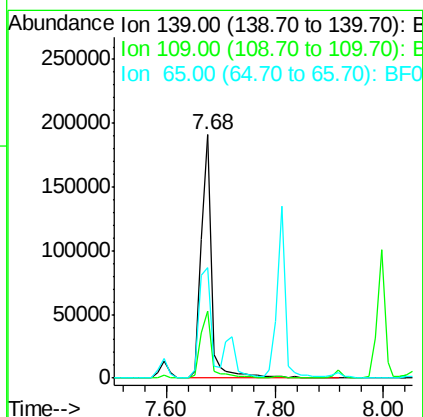
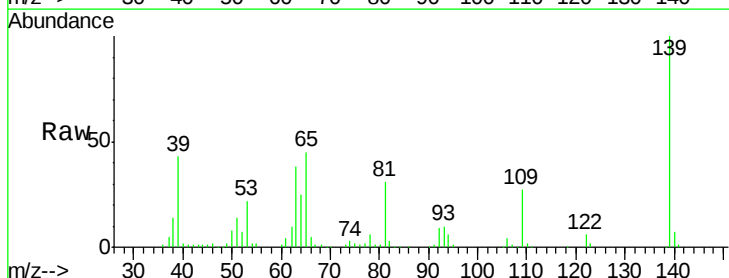
RT: 7.68 min Scan# 489

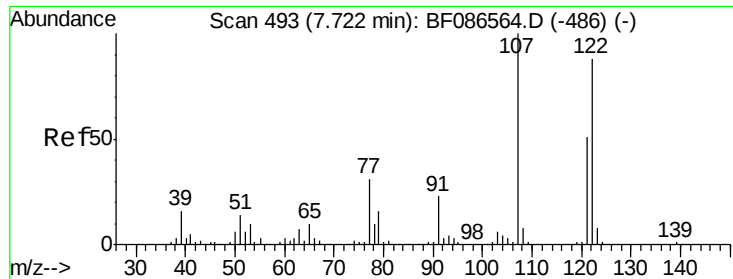
Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion:	139	Resp:	249106
Ion Ratio	Lower	Upper	
139	100		
109	27.3	19.5	29.3
65	45.2	37.5	56.3





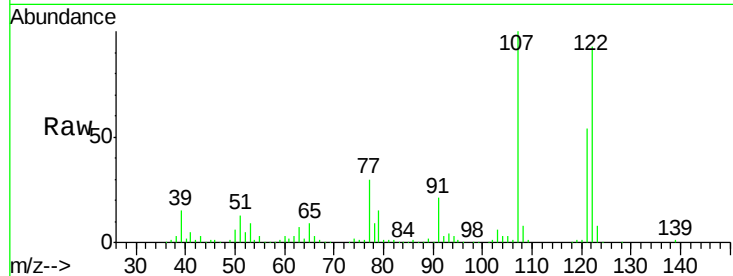
#27
 2,4-Dimethylphenol
 Concen: 45.15 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.0	82.0	123.0
121	58.1	46.1	69.1

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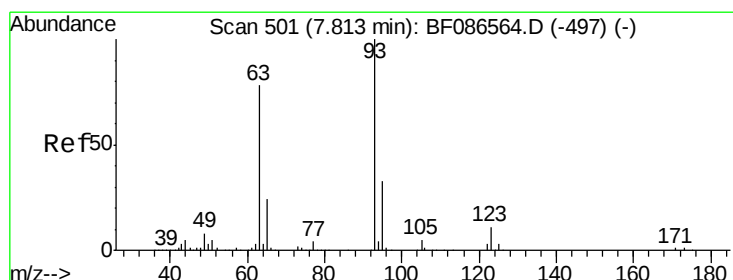
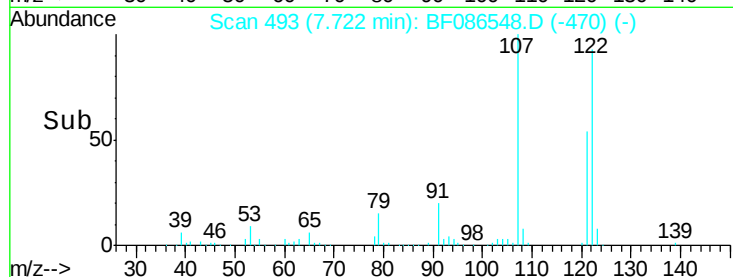
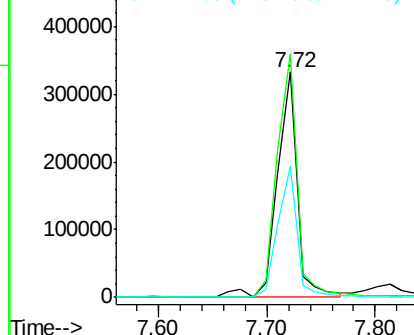


Abundance

Ion 122.00 (121.70 to 122.70): E

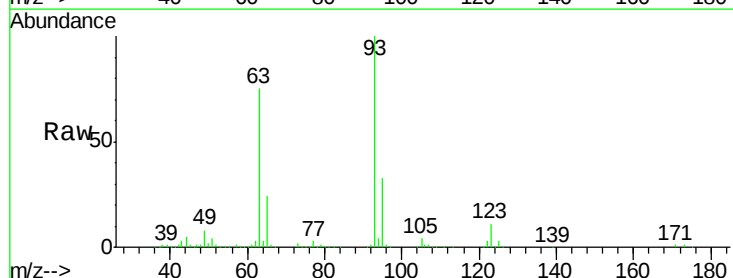
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.25 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	10.6	9.5	14.3

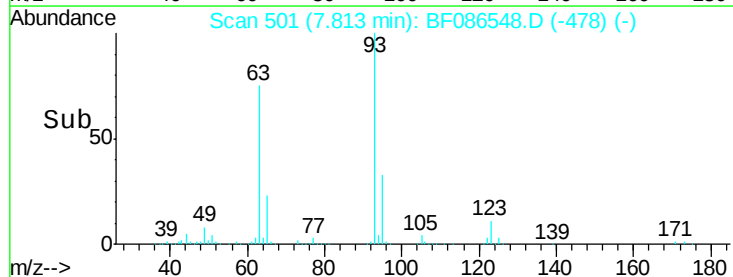
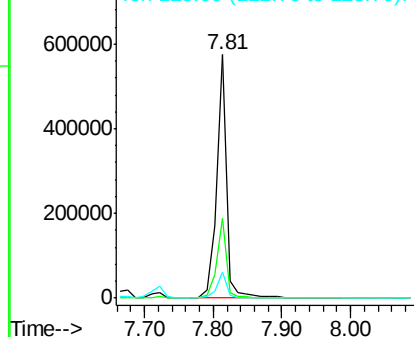


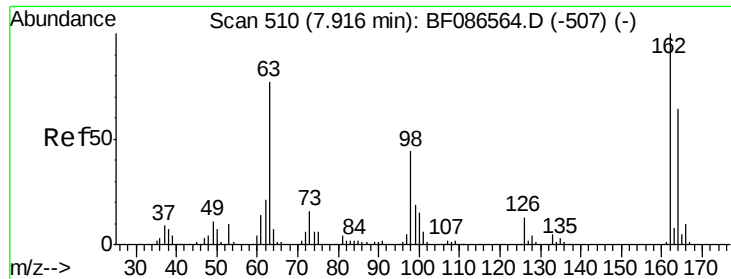
Abundance

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





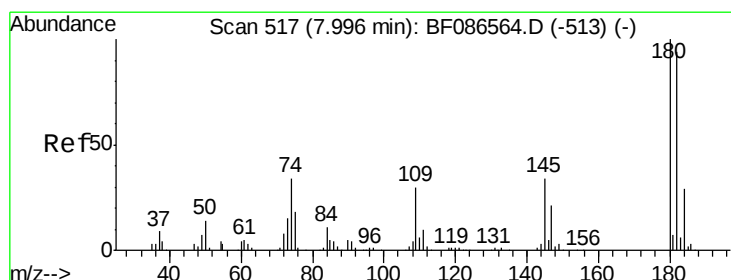
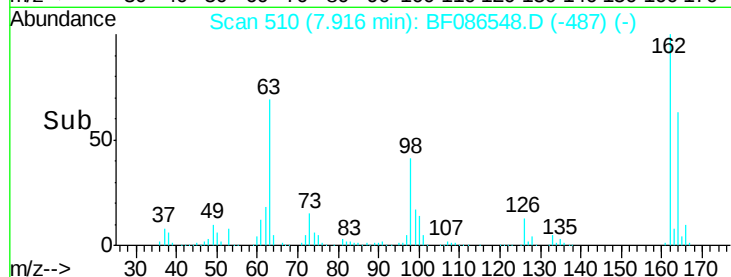
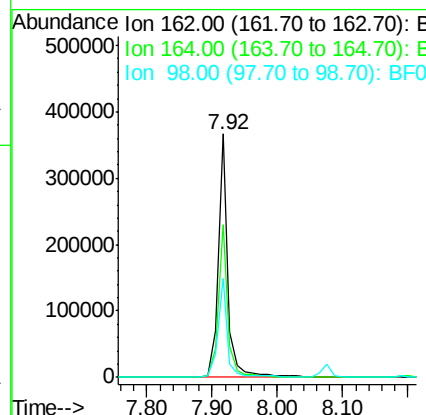
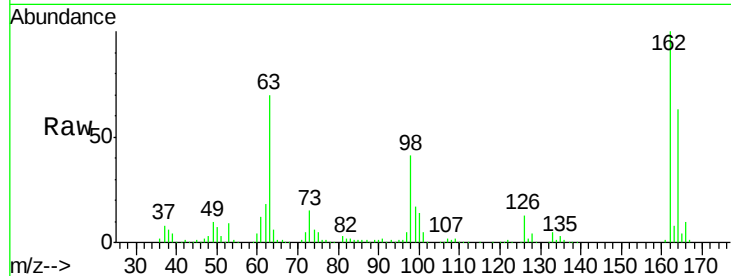
#29
 2,4-Dichlorophenol
 Concen: 48.48 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampled :
 SS5MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.8	42.2	82.2
98	40.9	19.0	59.0

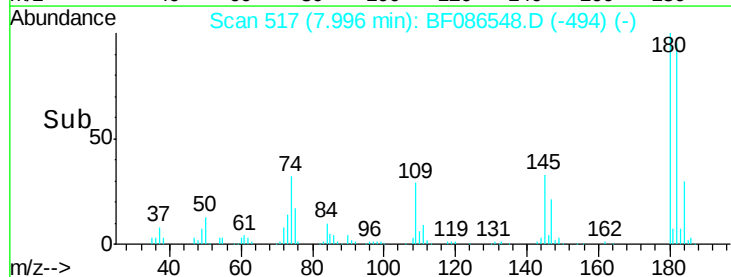
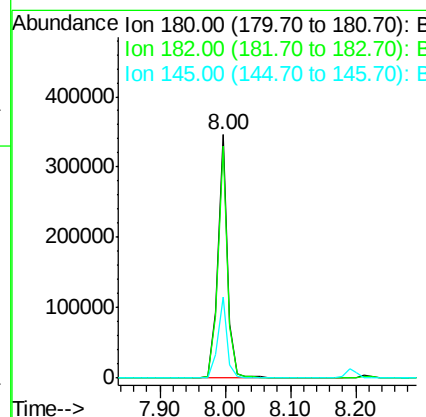
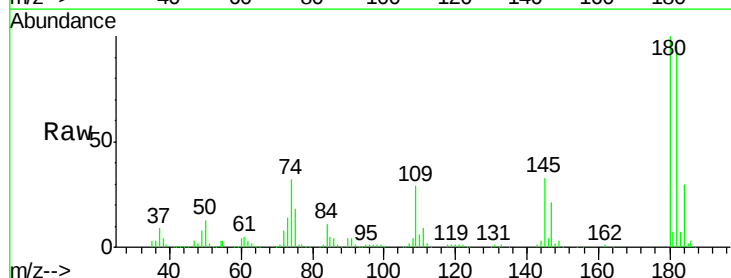
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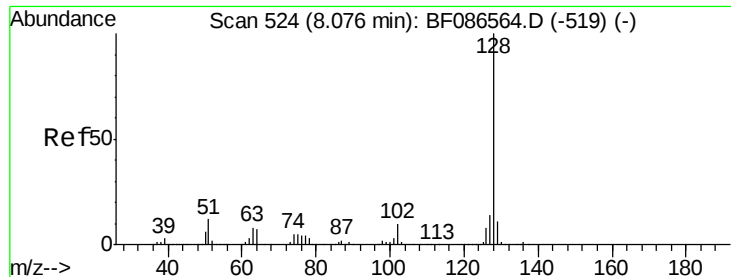
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.15 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	78.0	117.0
145	33.2	24.2	36.2





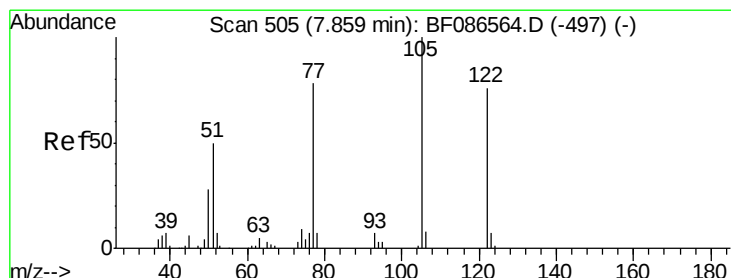
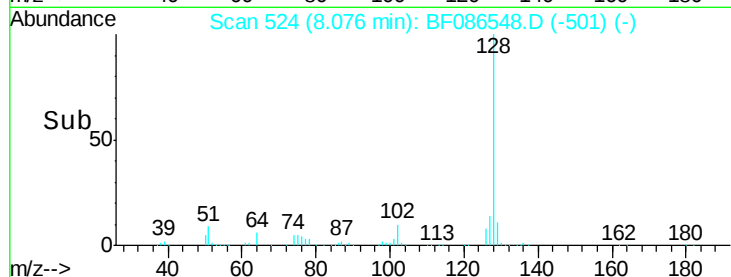
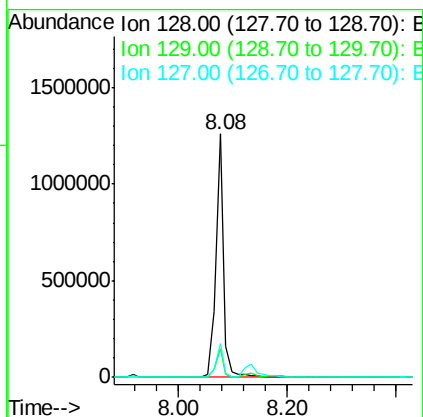
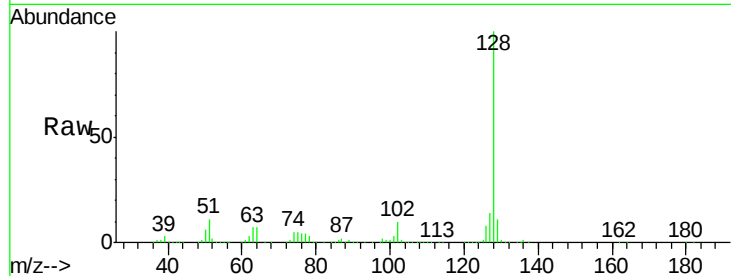
#31
Naphthalene
Concen: 41.58 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion:128 Resp: 1291674
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.6 10.8 16.2

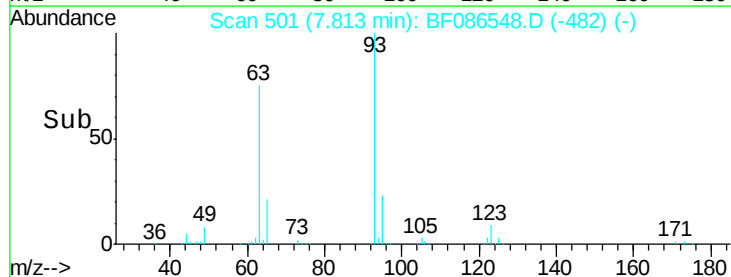
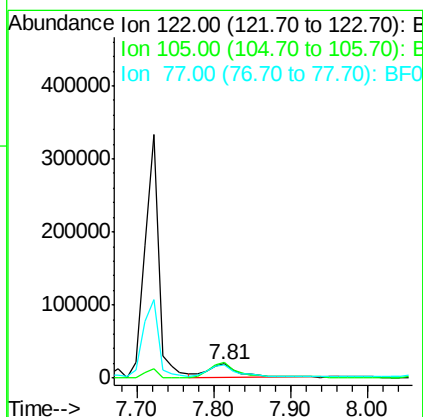
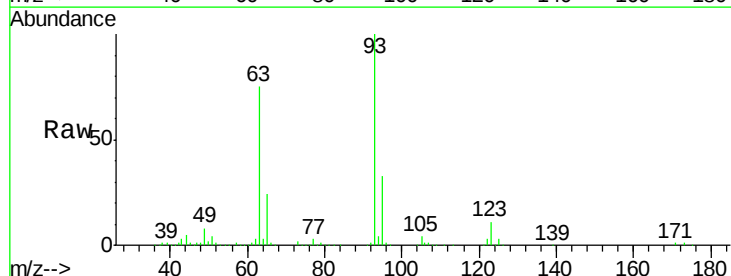
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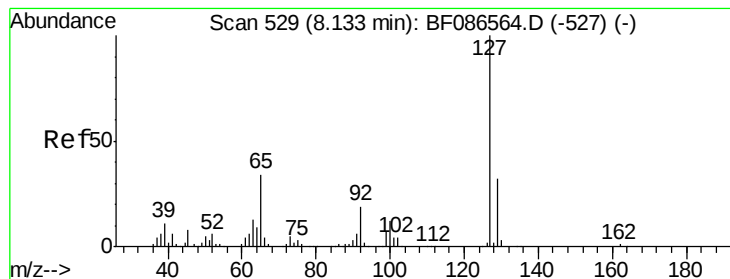
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#32
Benzoic acid
Concen: 16.35 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.08 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion:122 Resp: 52802
Ion Ratio Lower Upper
122 100
105 110.8 92.6 132.6
77 95.4 60.0 100.0





#33

4-Chloroaniline

Concen: 11.79 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF086548.D

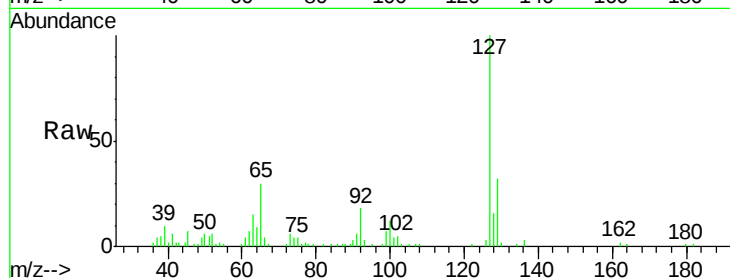
Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampled :

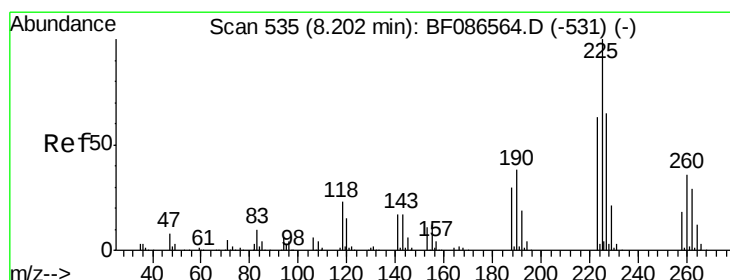
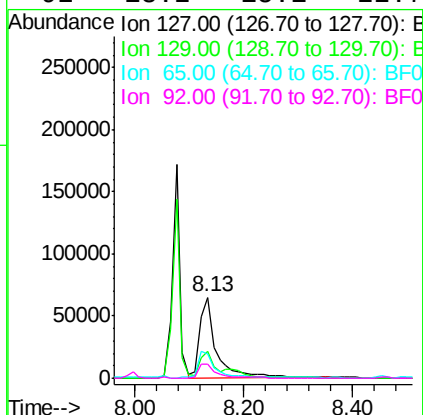
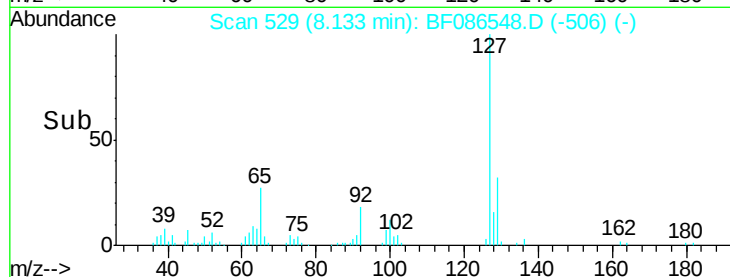
SS5MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.4		
65	30.0	23.0	34.4		
92	18.2	15.1	22.7		

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#34

Hexachlorobutadiene

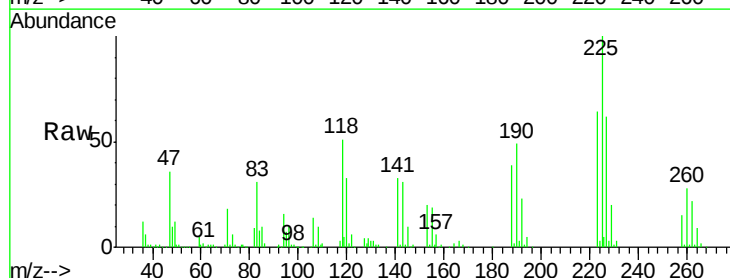
Concen: 37.84 ng

RT: 8.19 min Scan# 534

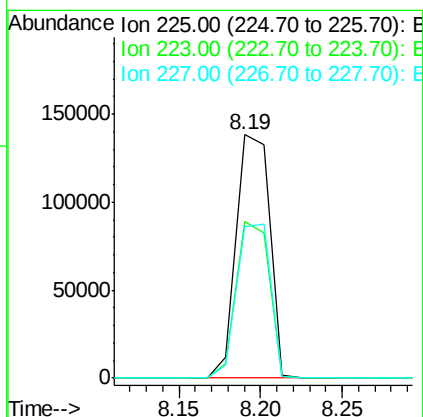
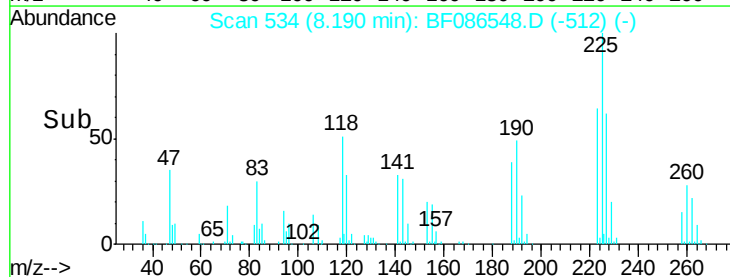
Delta R.T. -0.05 min

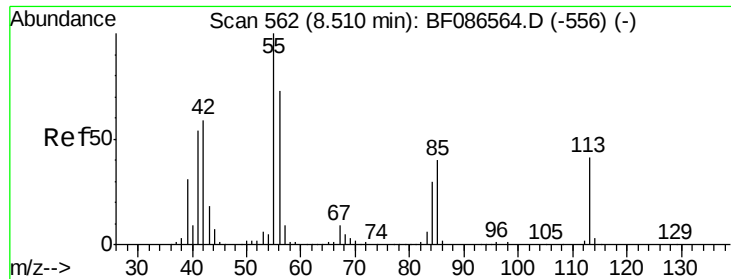
Lab File: BF086548.D

Acq: 1 May 2016 3:48



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	51.5	77.3		
227	62.2	52.2	78.2		





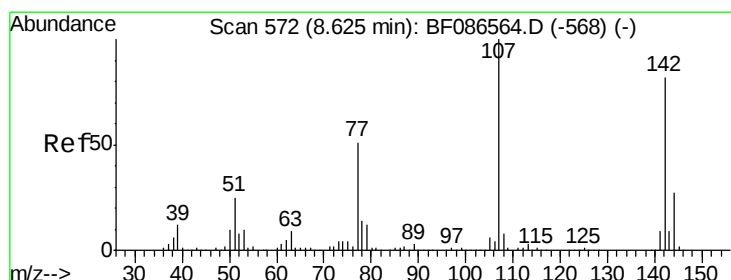
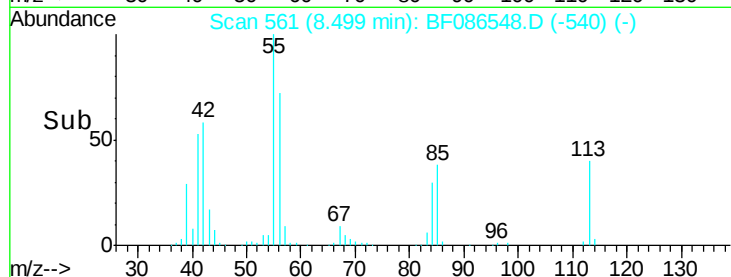
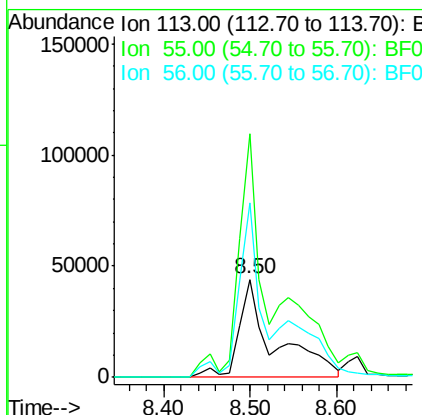
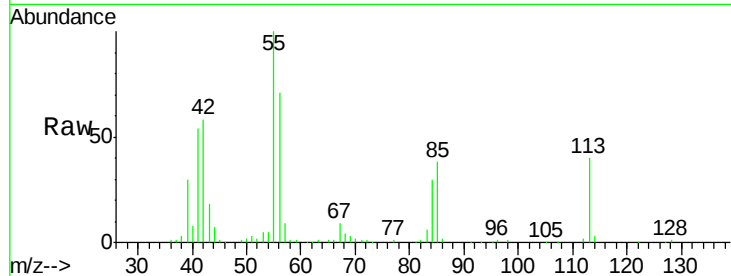
#35
 Caprolactam
 Concen: 47.70 ng/ml
 RT: 8.50 min Scan# 561
 Delta R.T. -0.06 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	249.0	162.0	202.0		
56	178.0	115.3	155.3		

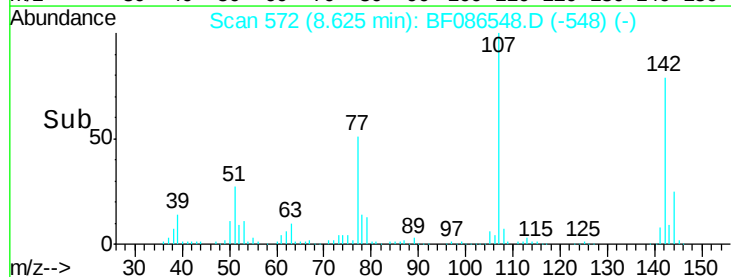
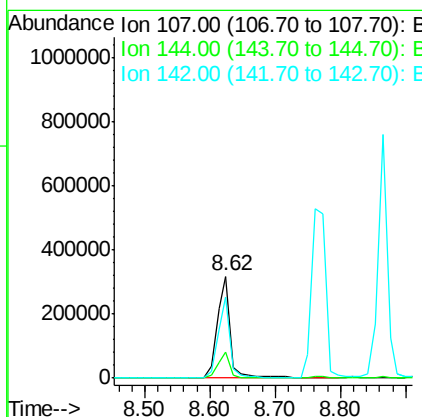
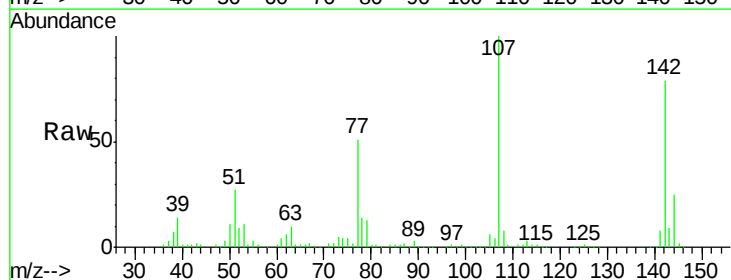
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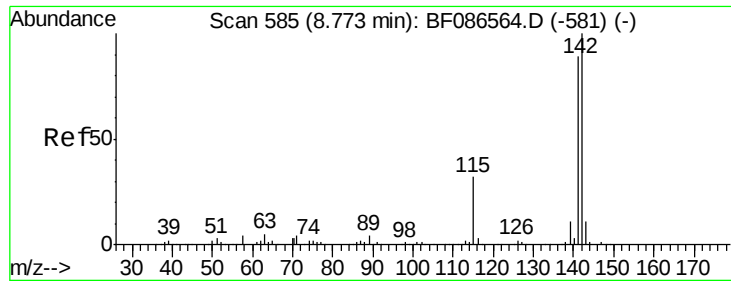
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#36
 4-Chloro-3-methylphenol
 Concen: 49.67 ng/ml
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4	20.7	31.1		
142	79.2	63.2	94.8		





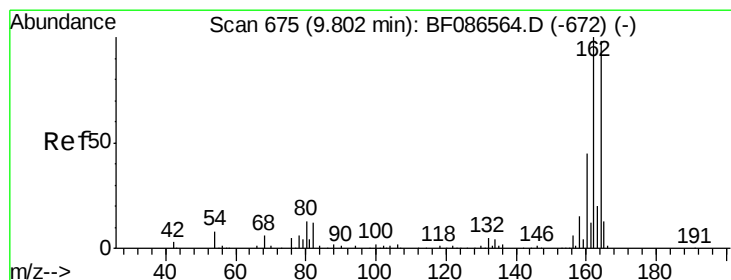
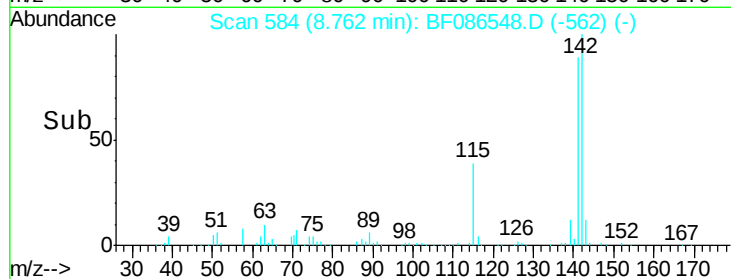
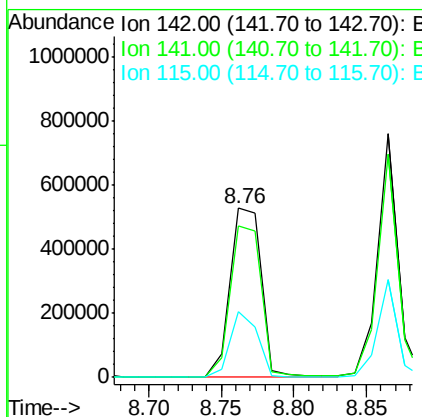
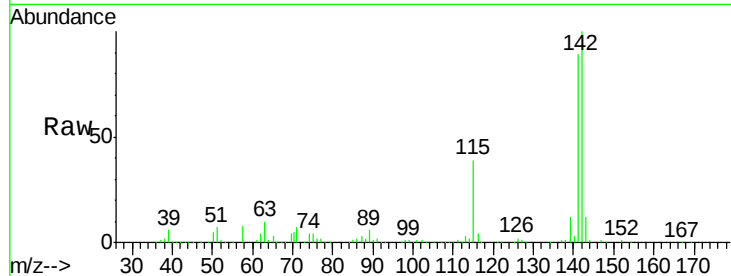
#37
2-Methylnaphthalene
Concen: 43.29 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	38.8	26.6	39.8

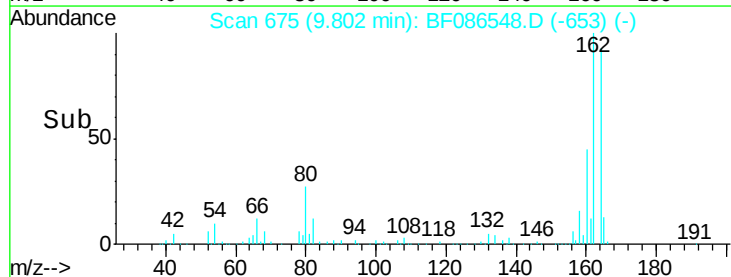
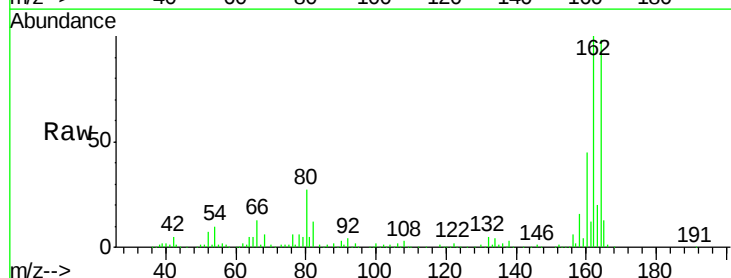
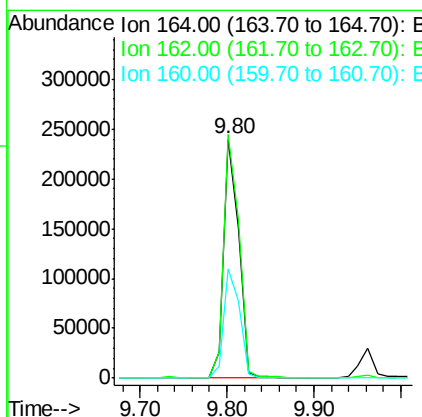
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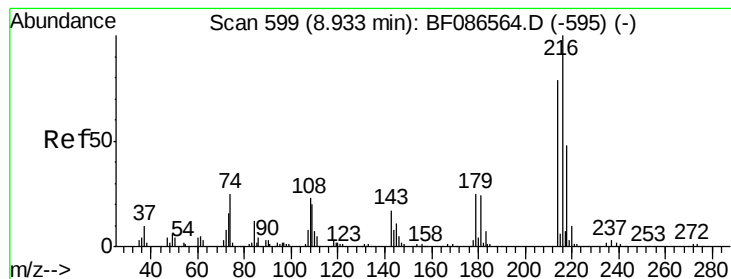
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.8	124.2
160	45.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.80 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

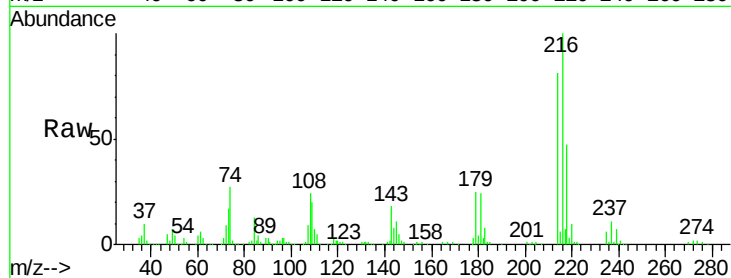
ClientSampled :

SS5MSD

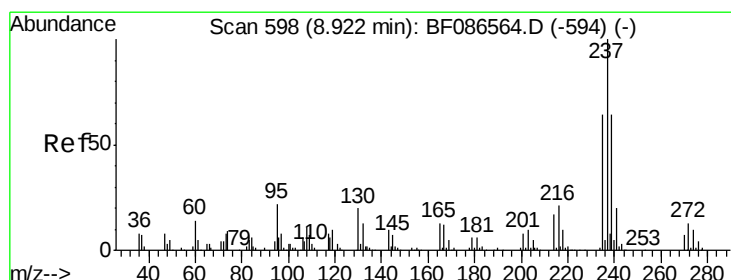
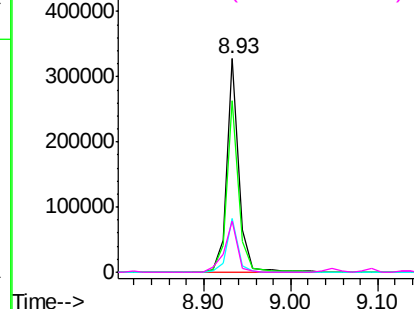
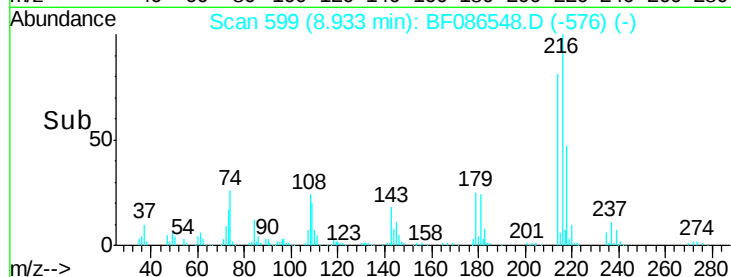
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		319986		
214	80.0	62.6	93.8		
179	24.1	18.2	27.4		
108	27.1	17.5	26.3		



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: 73.05 ng

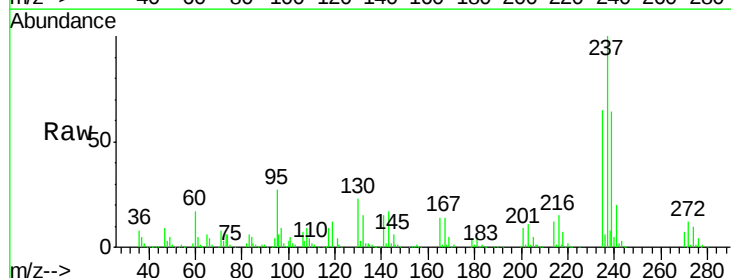
RT: 8.92 min Scan# 598

Delta R.T. -0.03 min

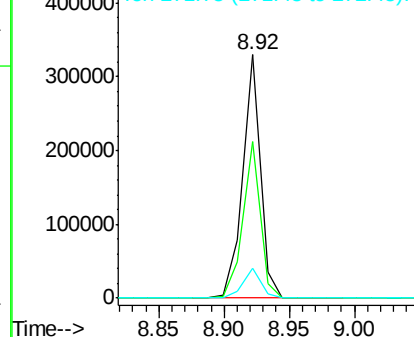
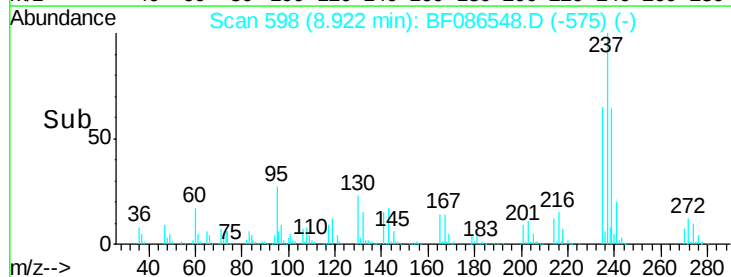
Lab File: BF086548.D

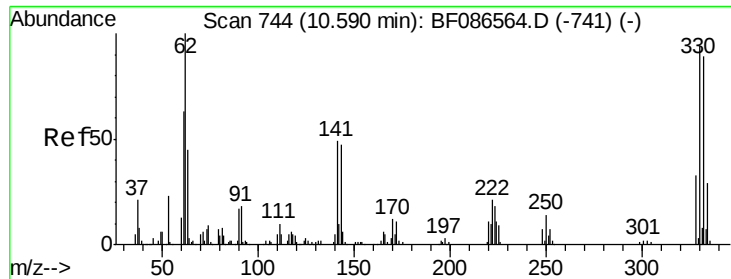
Acq: 1 May 2016 3:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		307299		
235	64.5	47.2	87.2		
272	12.2	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





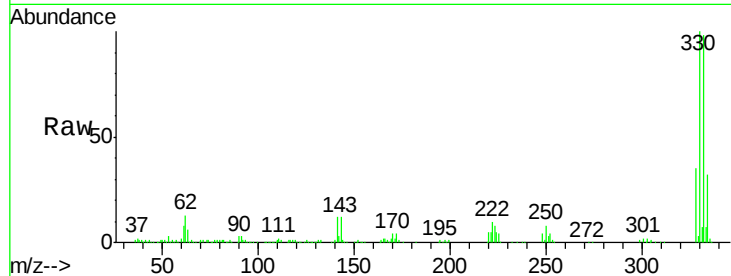
#41
 2,4,6-Tribromophenol
 Concen: 127.85 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

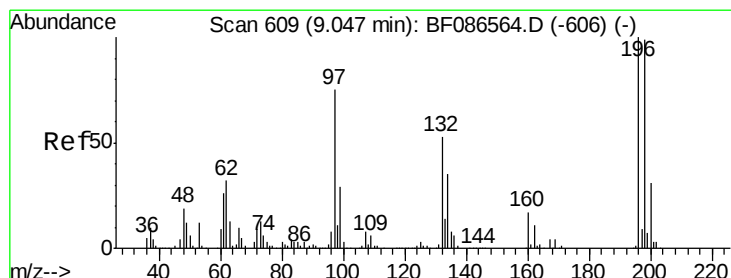
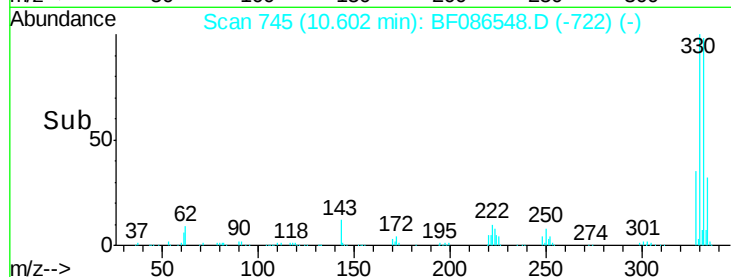
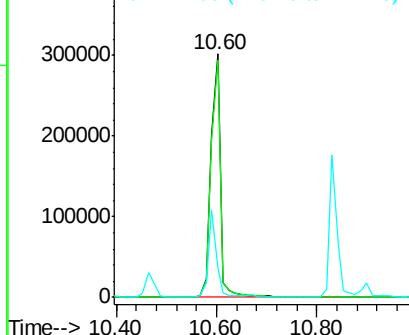
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	79.0	118.4	
141	29.9	31.2	46.8	

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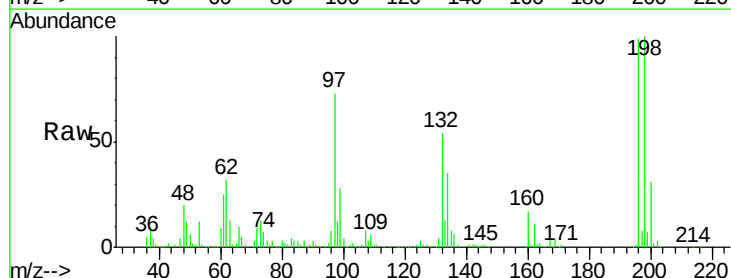


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

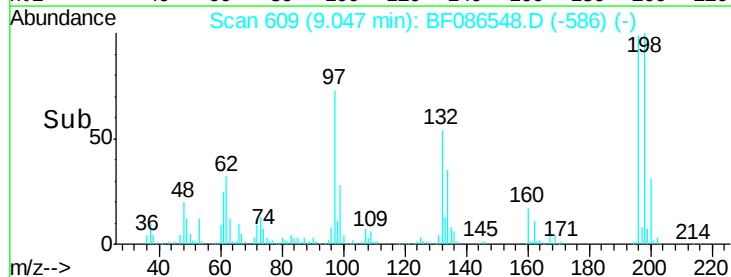
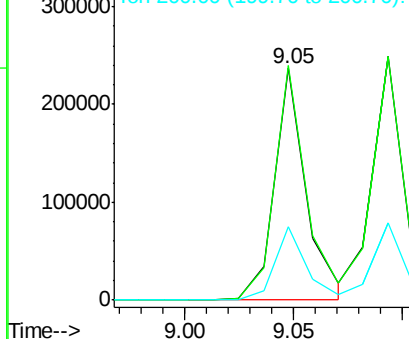


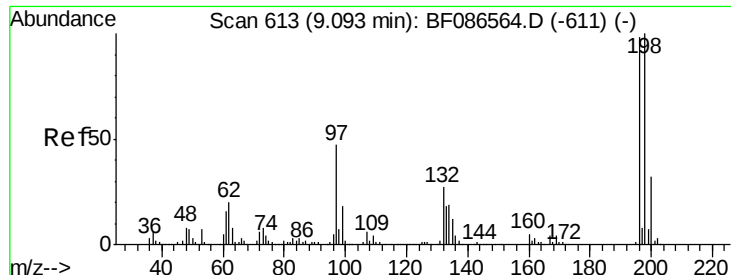
#42
 2,4,6-Trichlorophenol
 Concen: 45.22 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.3	74.7	112.1	
200	31.7	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





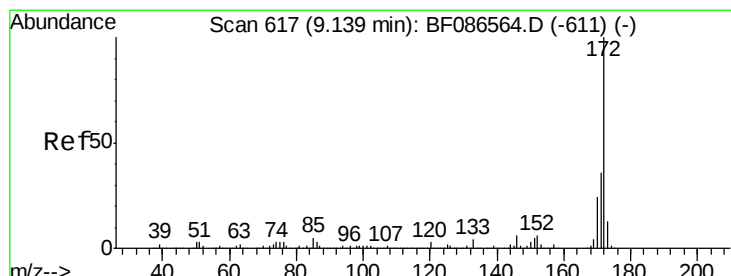
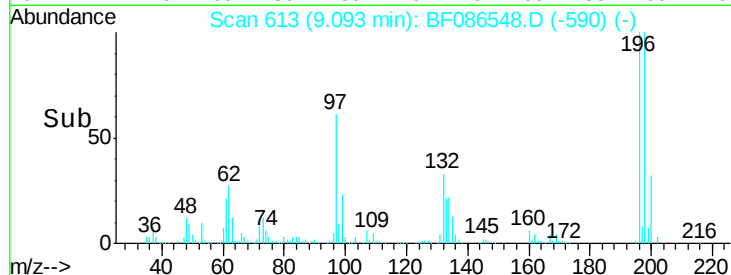
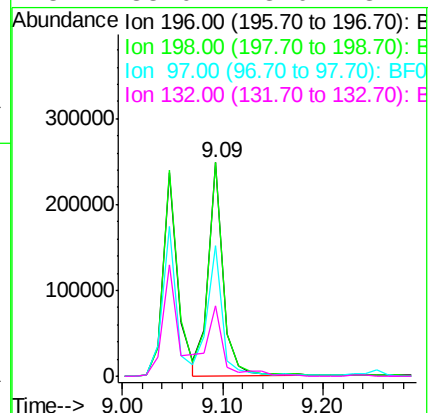
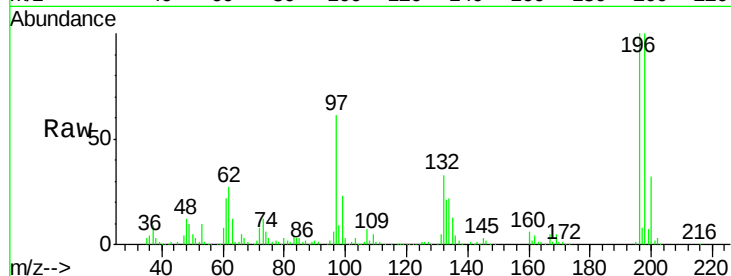
#43
 2,4,5-Trichlorophenol
 Concen: 44.07 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	257002		
198	100.1	77.5	116.3	
97	60.9	34.8	52.2	
132	33.0	23.0	34.4	

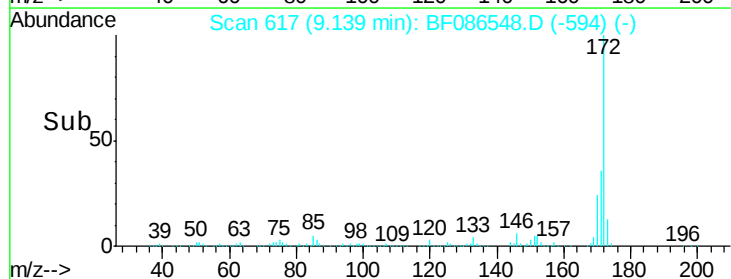
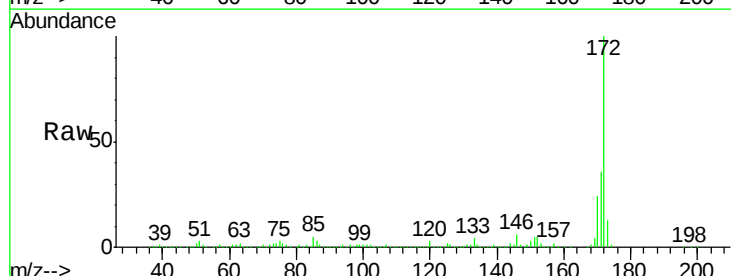
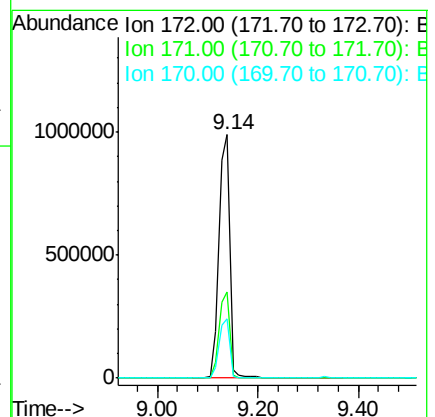
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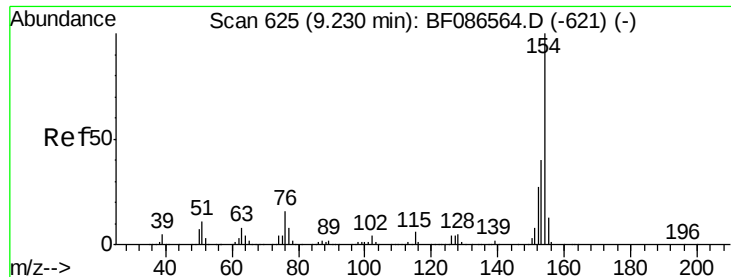
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#44
 2-Fluorobiphenyl
 Concen: 87.54 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1469723		
171	35.6	29.0	43.6	
170	24.2	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.65 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

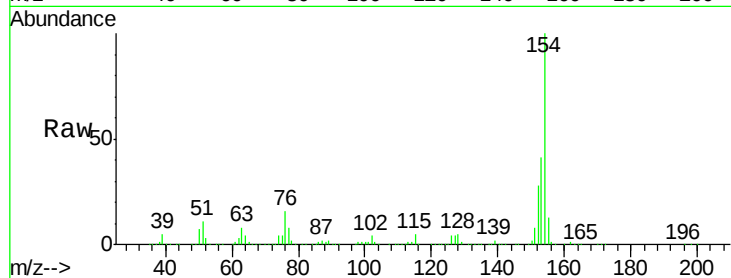
ClientSampleId :

SS5MSD

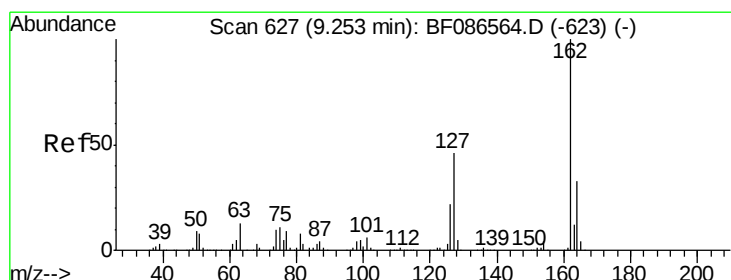
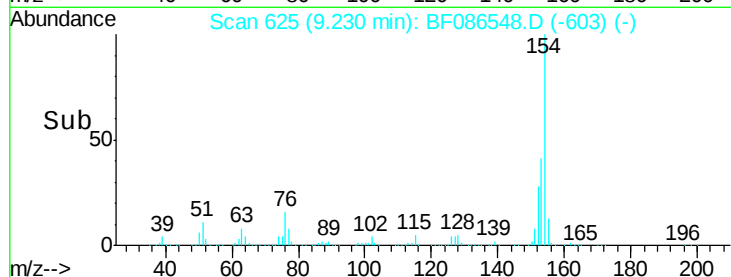
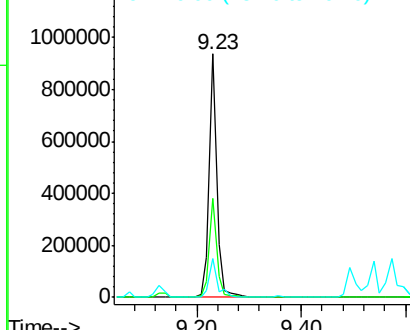
Tot Ion:	154	Resp:	955445
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.3	60.3
76	15.8	0.0	30.2

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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: 39.10 ng

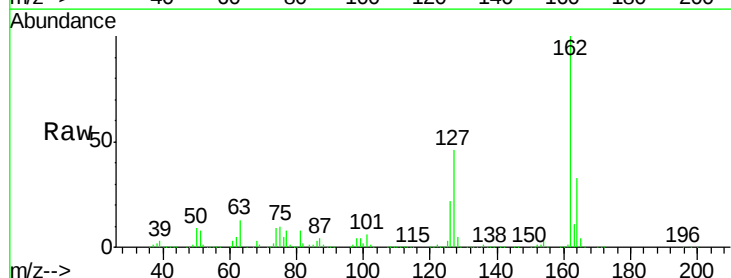
RT: 9.25 min Scan# 627

Delta R.T. -0.05 min

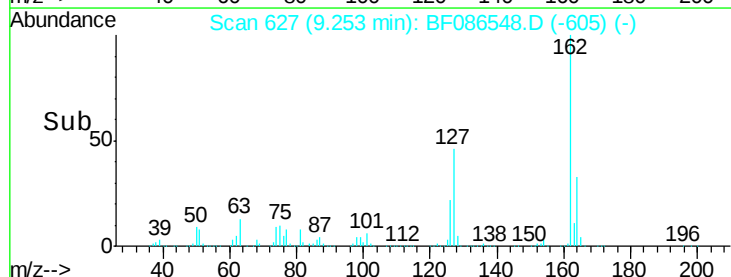
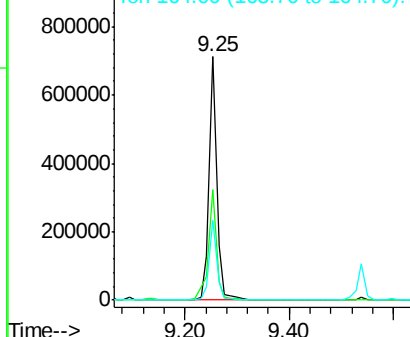
Lab File: BF086548.D

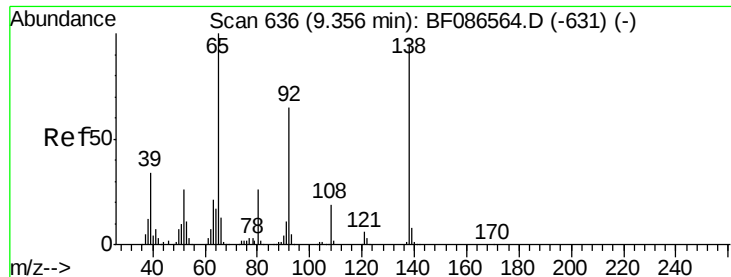
Acq: 1 May 2016 3:48

Tgt Ion:	162	Resp:	734906
Ion Ratio	Lower	Upper	
162	100		
127	45.5	31.8	47.6
164	32.7	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: 54.39 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

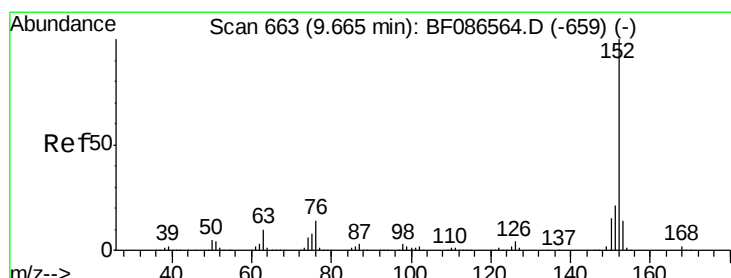
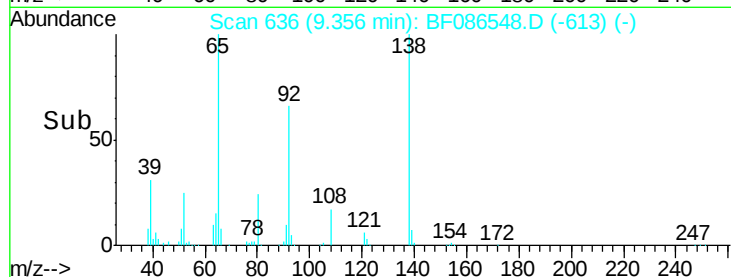
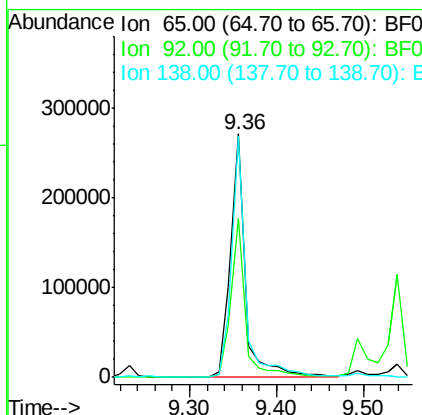
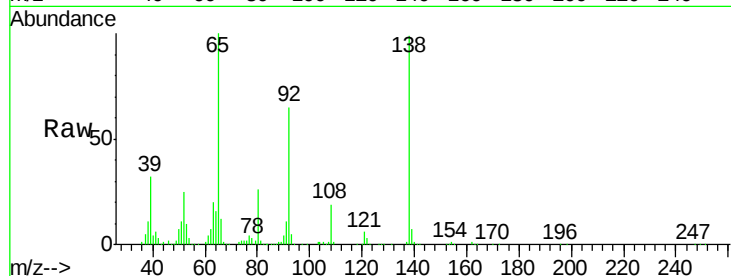
ClientSampleId :

SS5MSD

Tot Ion:	65	Resp:	327835
Ion Ratio	Lower	Upper	
65	100		
92	65.3	57.4	86.2
138	98.8	90.1	135.1

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#48

Acenaphthylene

Concen: 39.48 ng

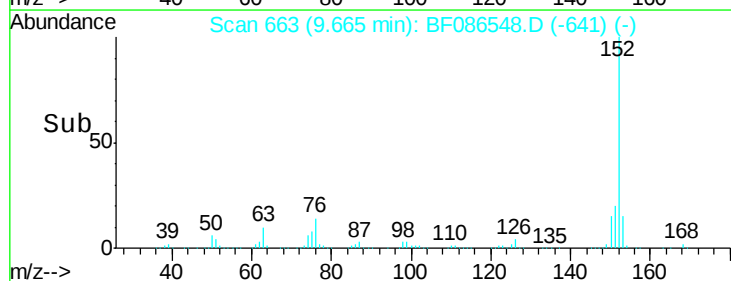
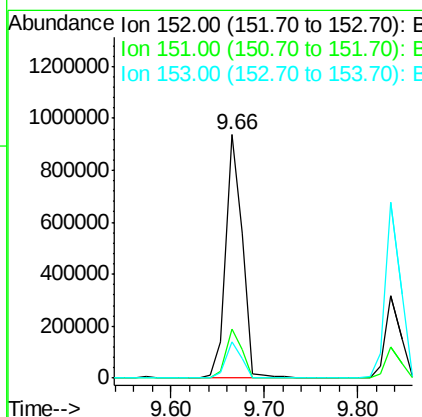
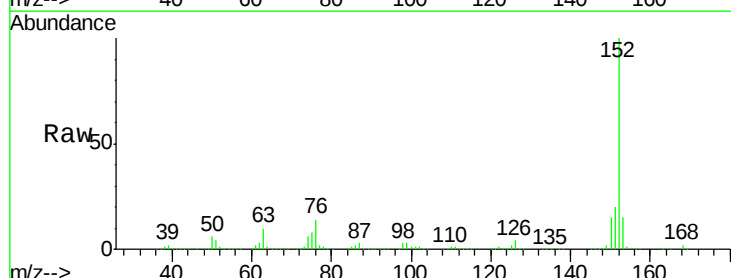
RT: 9.66 min Scan# 663

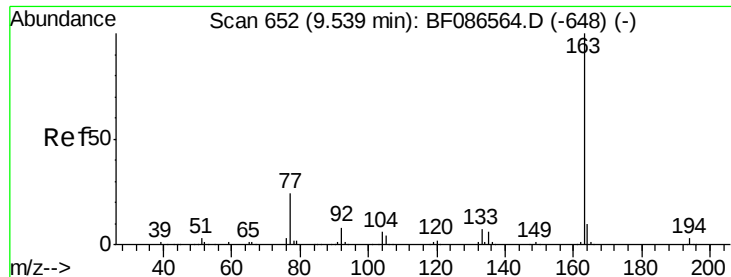
Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion:	152	Resp:	1159900
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	14.7	10.9	16.3





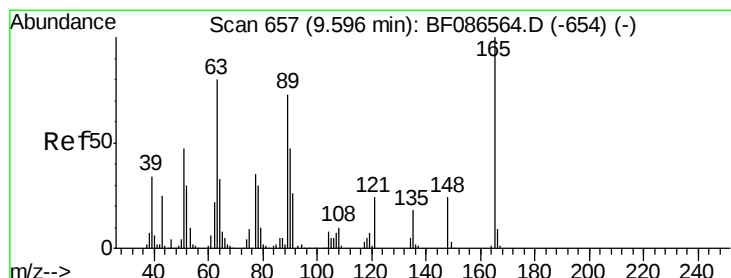
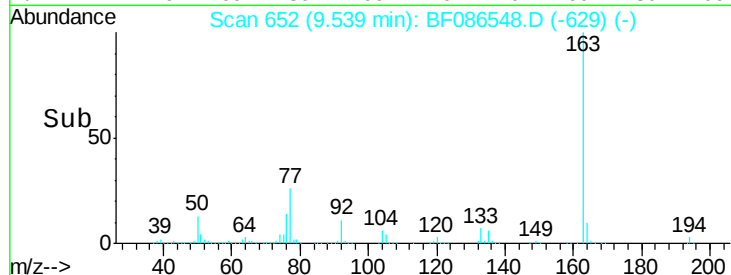
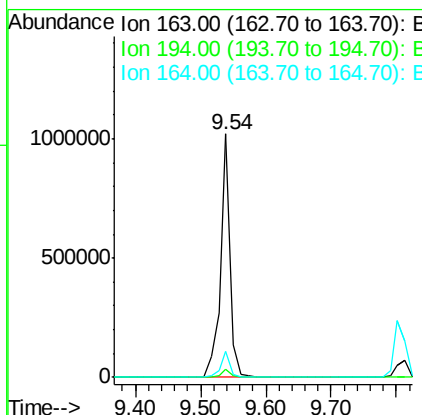
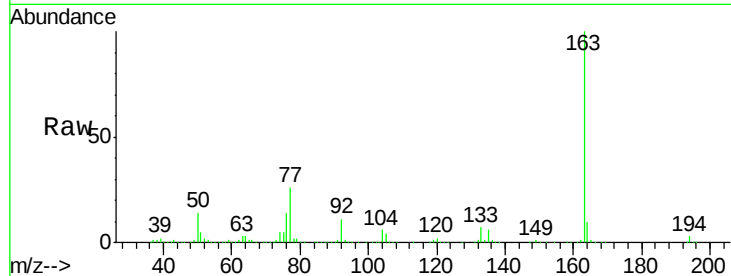
#49
Dimethylphthalate
Concen: 47.79 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion:163 Resp: 1063974
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.2 12.4

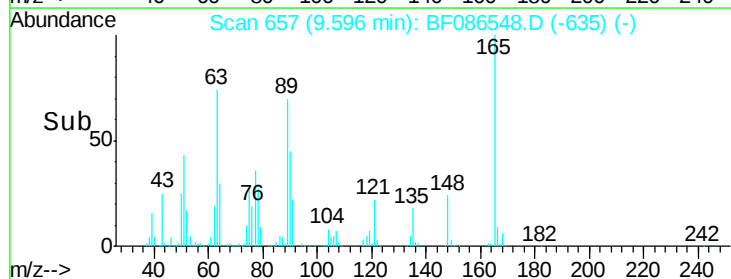
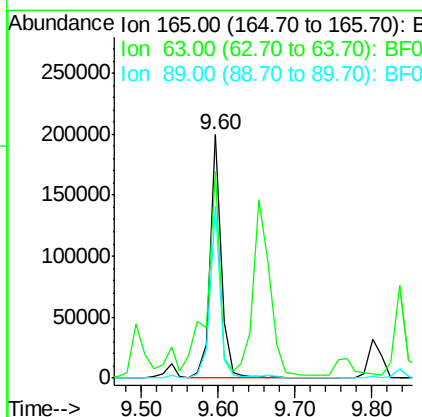
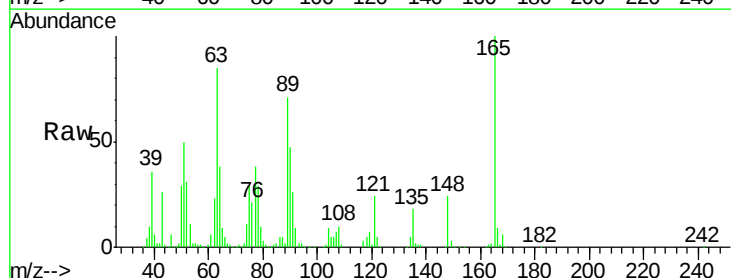
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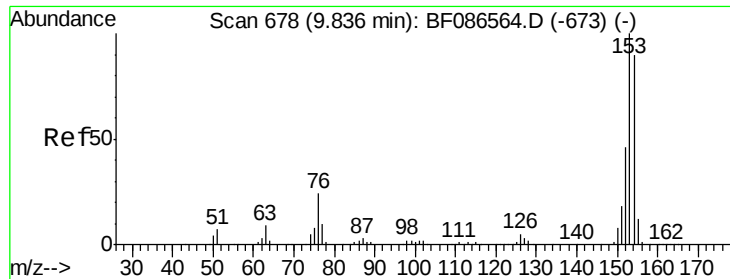
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#50
2,6-Dinitrotoluene
Concen: 43.43 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion:165 Resp: 199771
Ion Ratio Lower Upper
165 100
63 84.9 51.8 77.8#
89 70.9 50.7 76.1





#51

Acenaphthene

Concen: 40.40 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

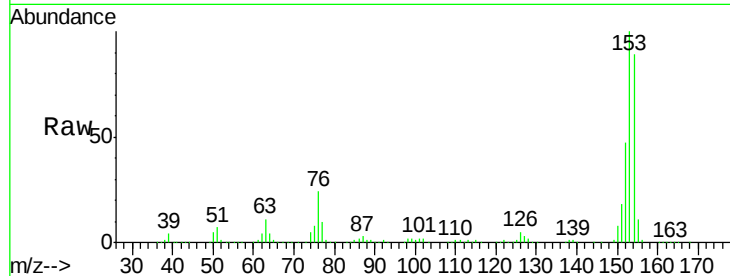
ClientSampleId :

SS5MSD

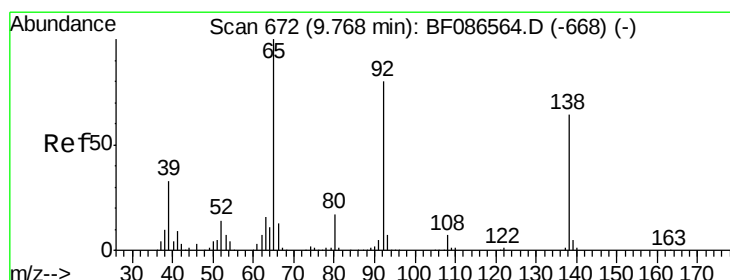
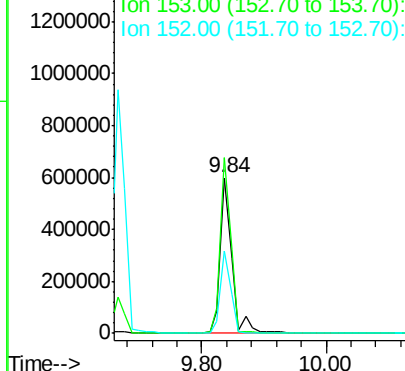
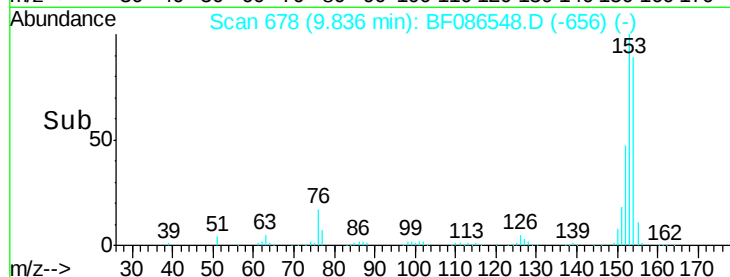
Tot Ion:	154	Resp:	762379
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.8	134.6
152	52.9	43.4	65.0

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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: 24.29 ng

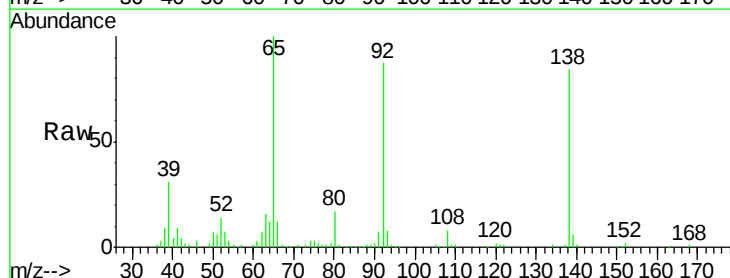
RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

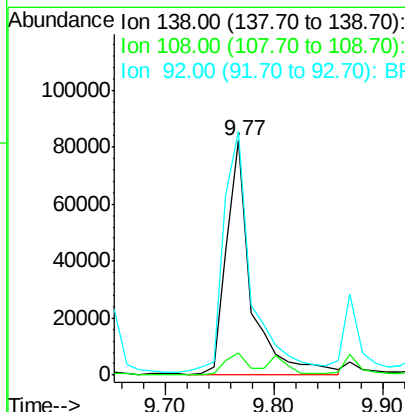
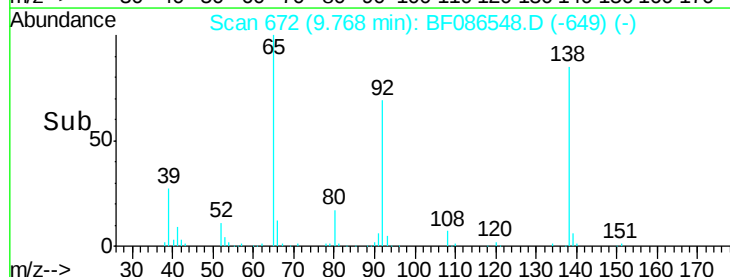
Lab File: BF086548.D

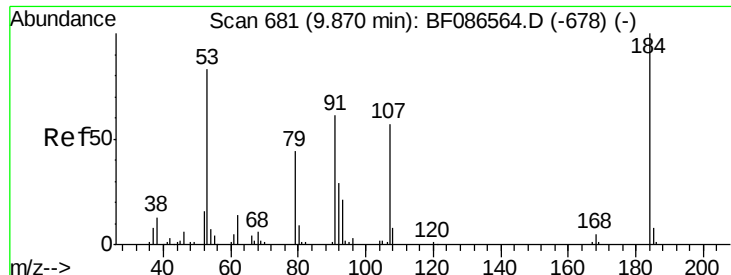
Acq: 1 May 2016 3:48

Tgt Ion:	138	Resp:	127071
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.8	11.6
92	103.9	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





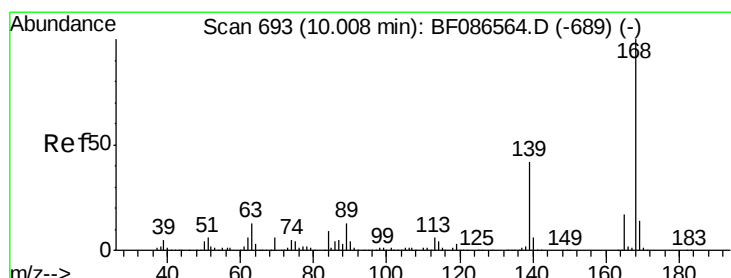
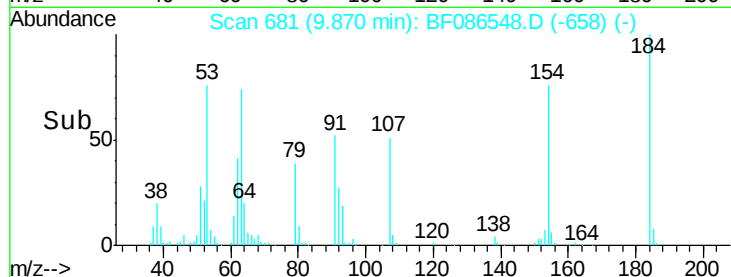
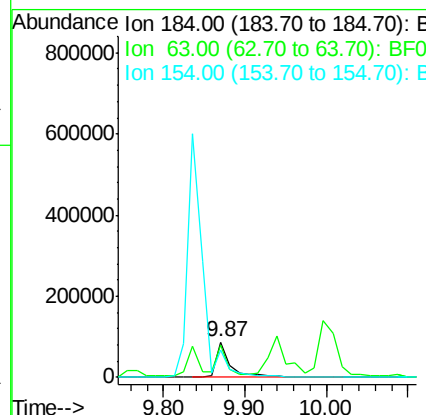
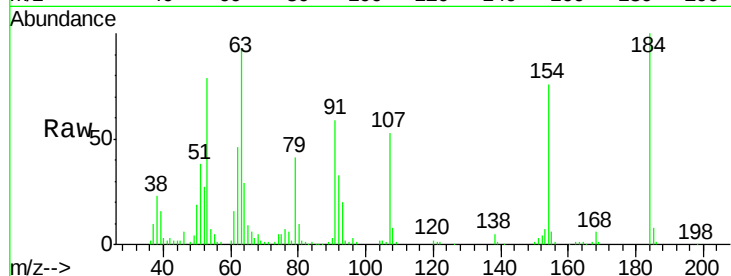
#53
2,4-Dinitrophenol
Concen: 47.04 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	109303		
63	93.4	55.8	83.8#	
154	76.3	62.4	93.6	

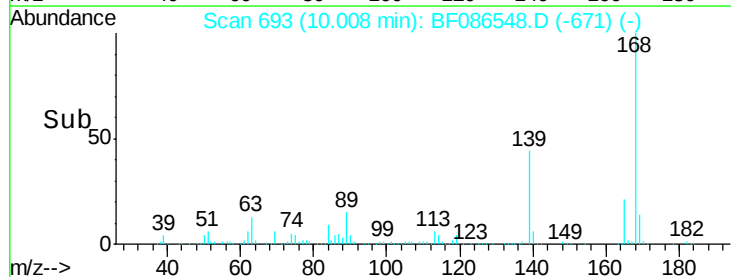
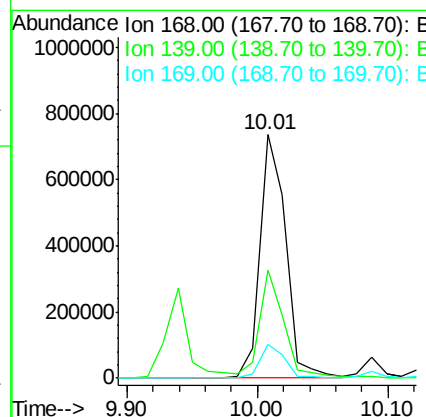
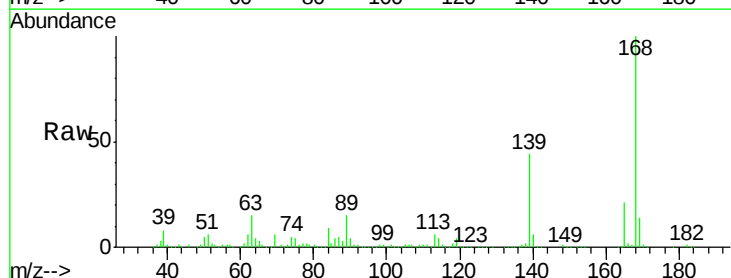
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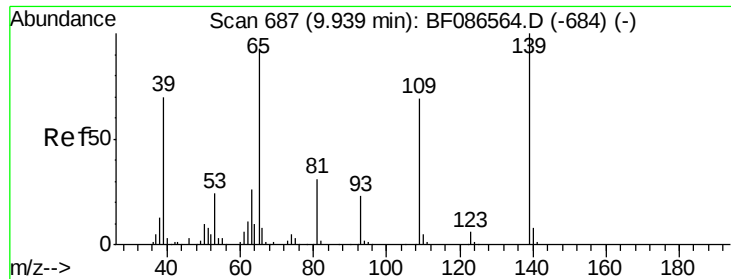
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#54
Dibenzofuran
Concen: 43.04 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1014959		
139	44.1	31.4	47.0	
169	13.9	10.7	16.1	





#55

4-Nitrophenol

Concen: 95.67 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

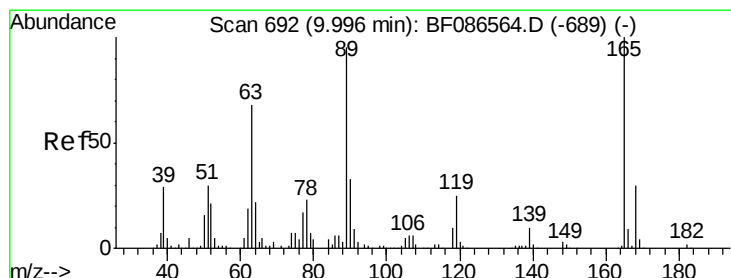
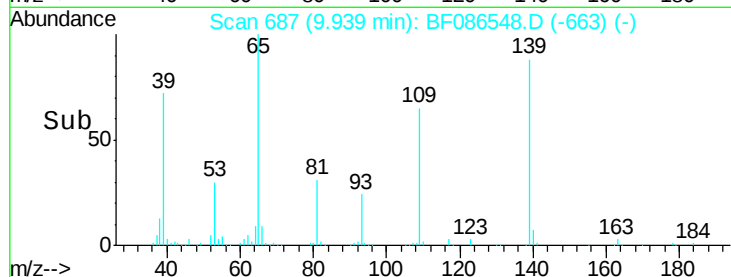
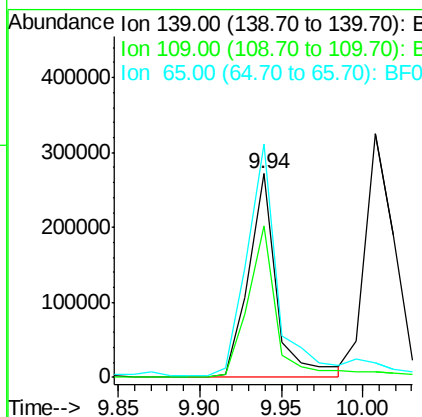
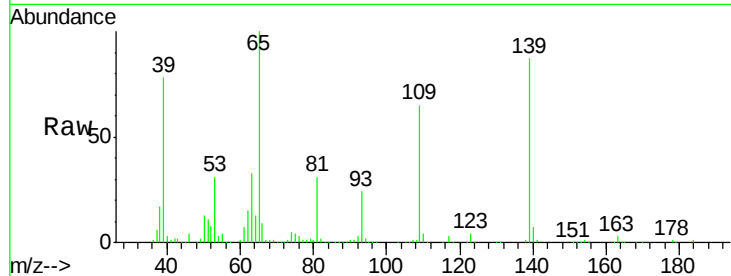
ClientSampleId :

SS5MSD

Tot Ion:	139	Resp:	327666
Ion Ratio	Lower	Upper	
139	100		
109	74.5	36.9	76.9
65	114.3	64.0	104.0#

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#56

2,4-Dinitrotoluene

Concen: 46.19 ng

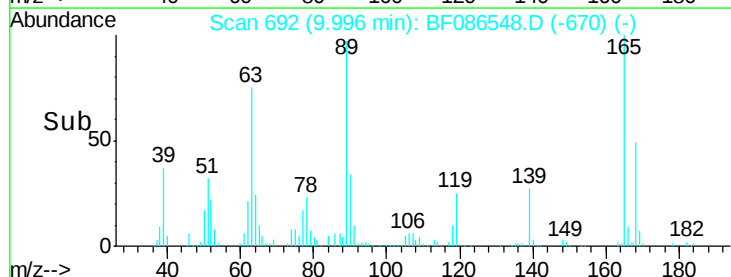
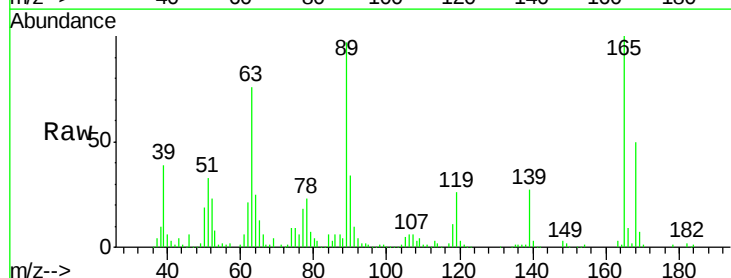
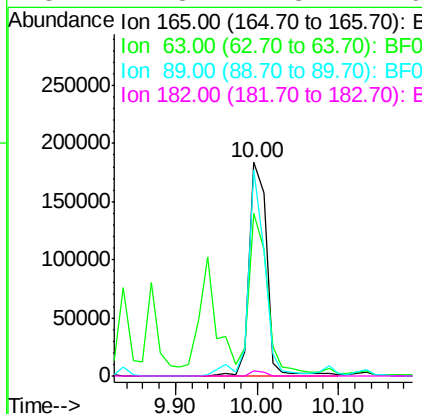
RT: 10.00 min Scan# 692

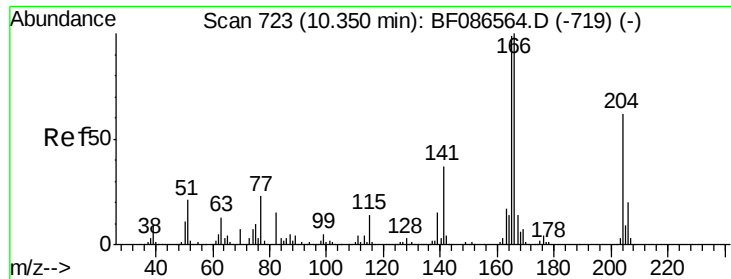
Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion:	165	Resp:	270801
Ion Ratio	Lower	Upper	
165	100		
63	75.9	44.3	66.5#
89	96.6	70.0	105.0
182	2.3	1.8	2.6





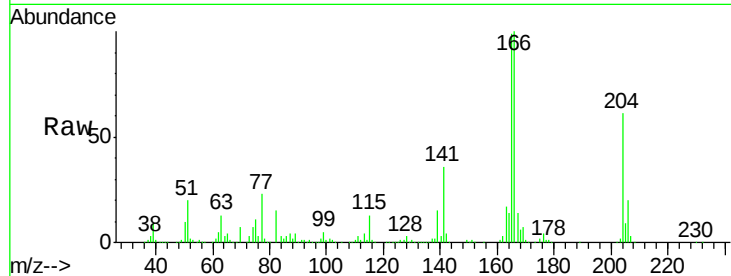
#57
 Fluorene
 Concen: 36.18 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	740880		
165	98.9		79.0	118.6
167	13.8		10.6	15.8

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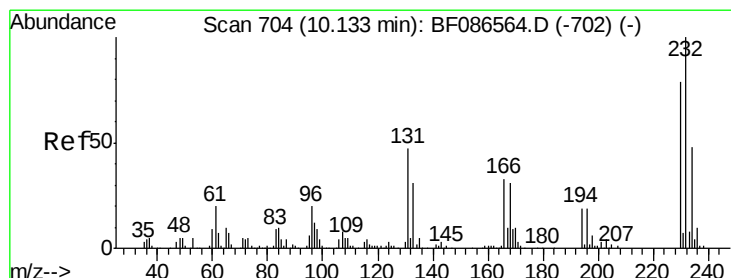
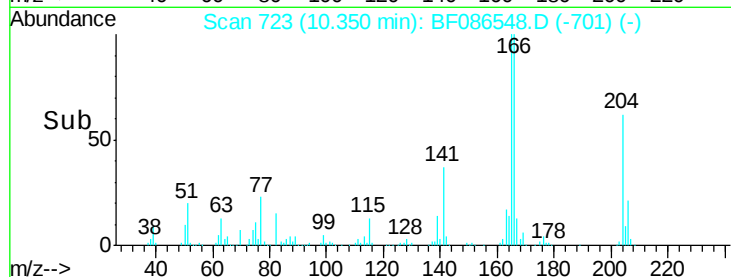
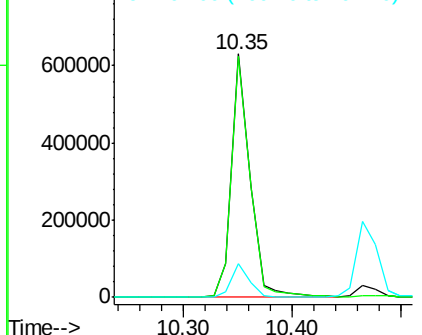


Abundance

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: 50.90 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	232091		
131	50.9		41.9	62.9
130	2.5		2.2	3.4
166	31.2		26.8	40.2

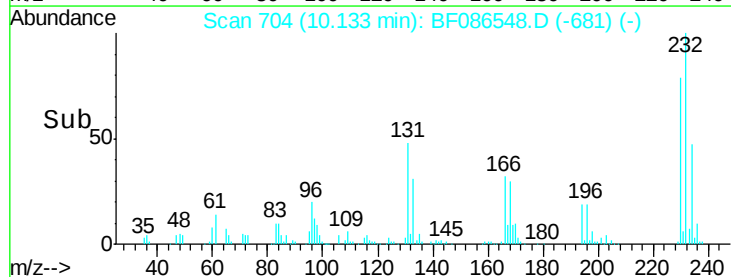
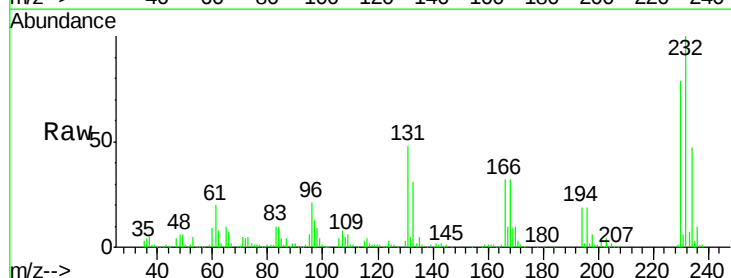
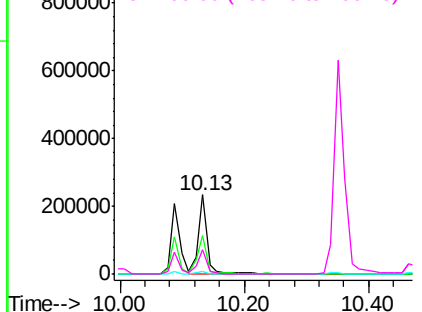
Abundance

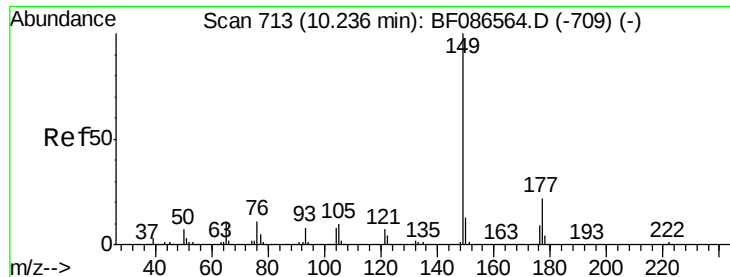
Ion 232.00 (231.70 to 232.70): E

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





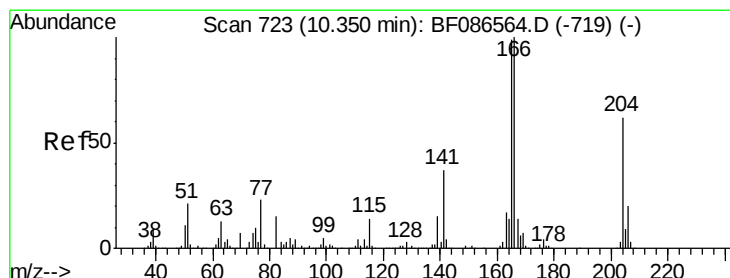
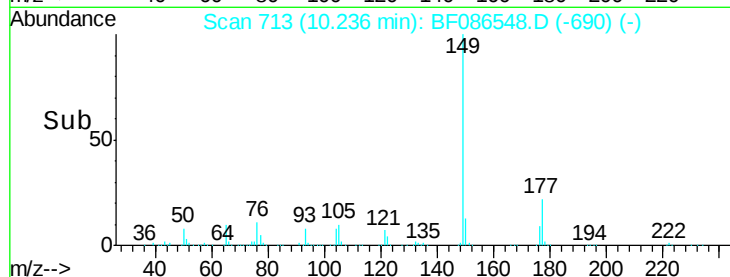
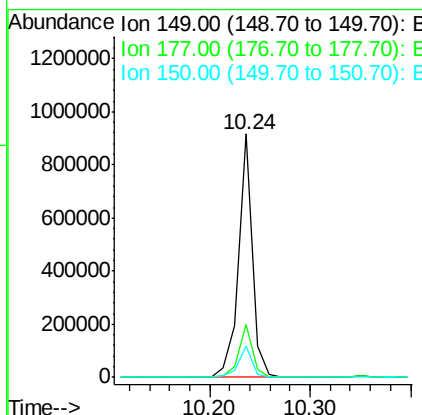
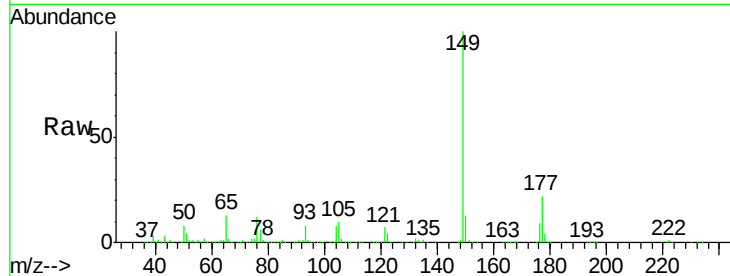
#59
Diethylphthalate
Concen: 41.69 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	878706		
177	21.7	16.6	24.8	
150	12.8	10.0	15.0	

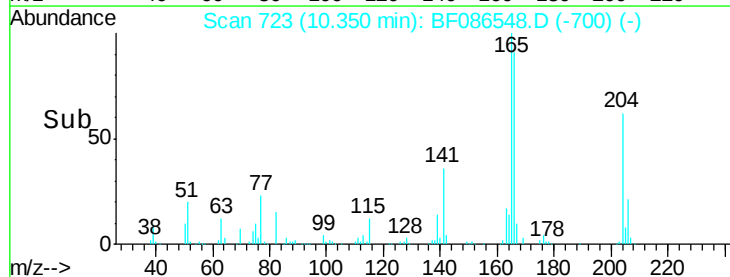
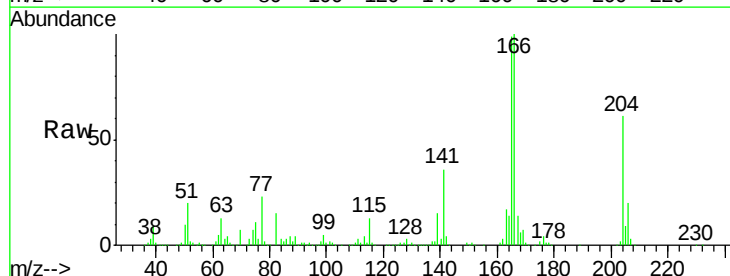
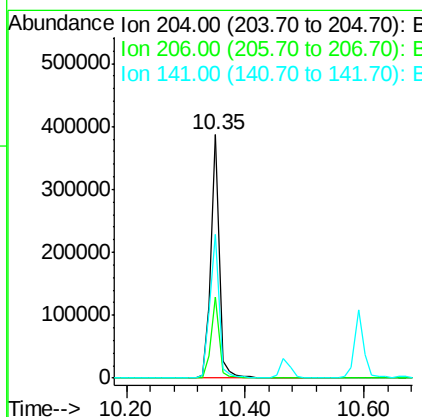
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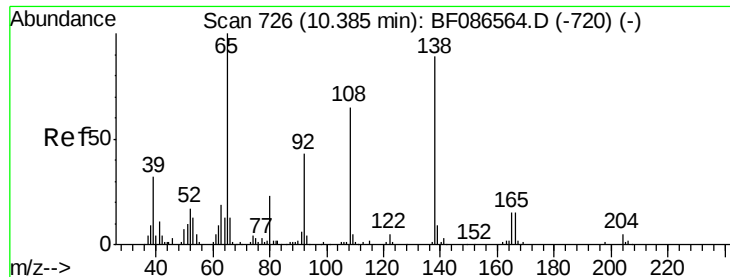
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#60
4-Chlorophenyl-phenylether
Concen: 41.36 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	384476		
206	33.0	25.4	38.0	
141	59.1	61.6	92.4#	





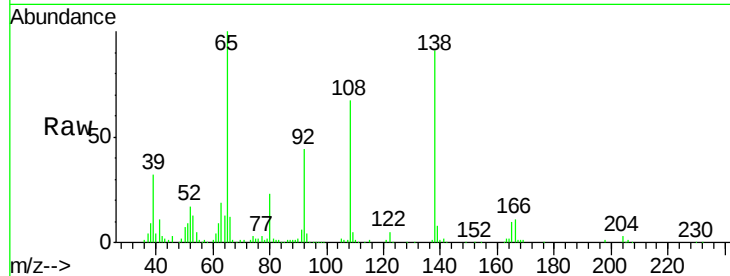
#61
4-Nitroaniline
Concen: 47.15 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampled :
SS5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	24.7	64.7
108	73.1	37.4	77.4

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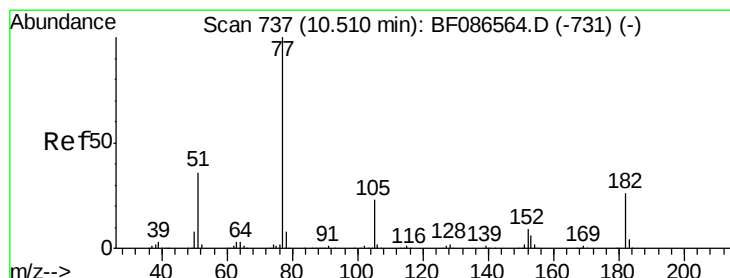
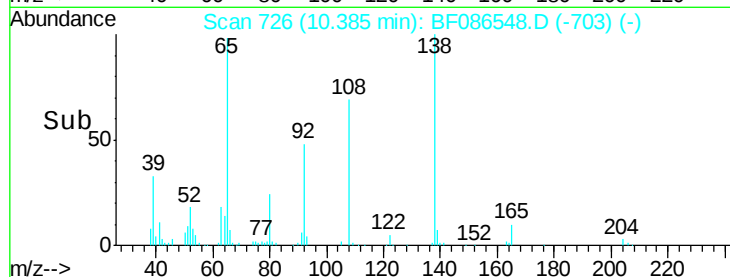
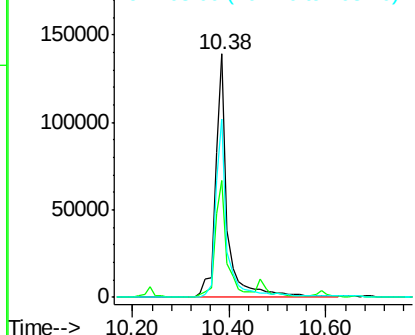
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 46.99 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

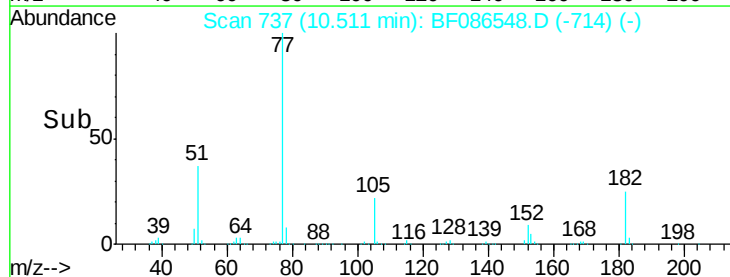
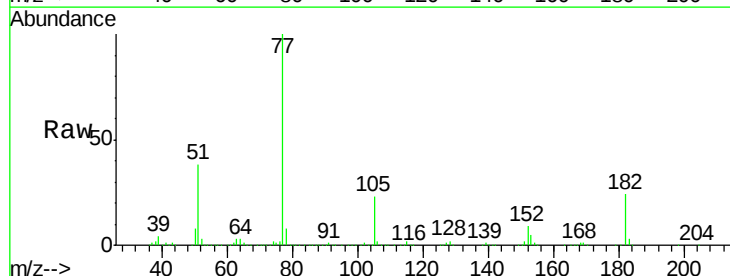
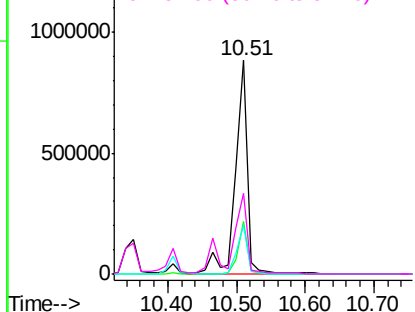
Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	0.0	38.8
105	22.9	3.2	43.2
51	37.6	8.8	48.8

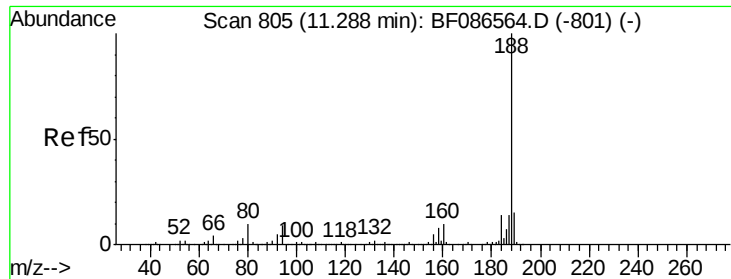
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





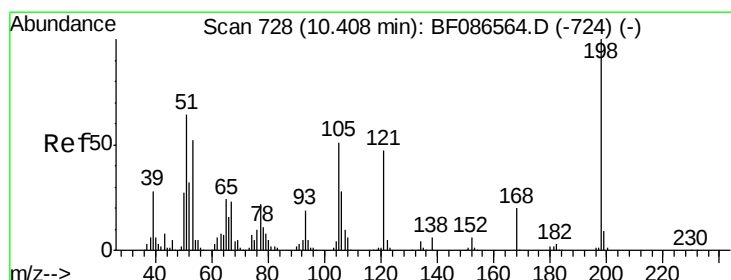
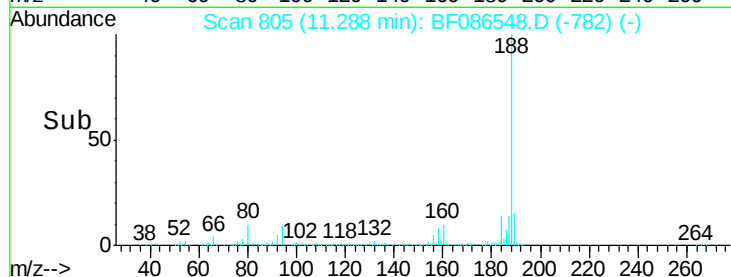
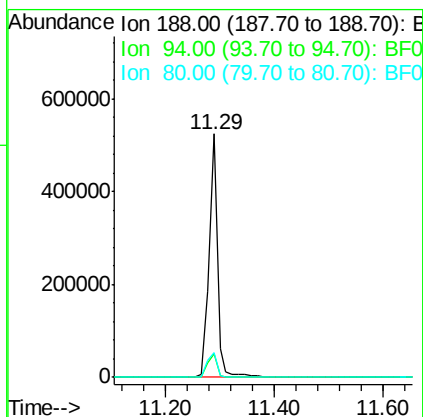
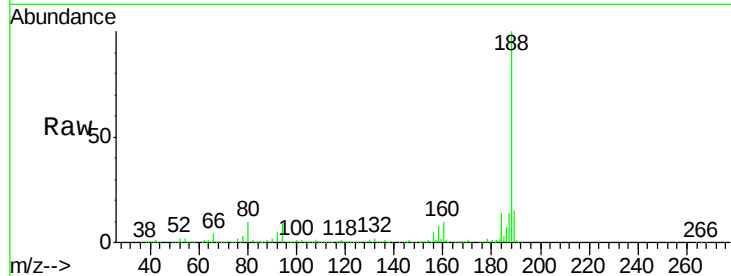
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	6.8	10.2
80	10.0	7.1	10.7

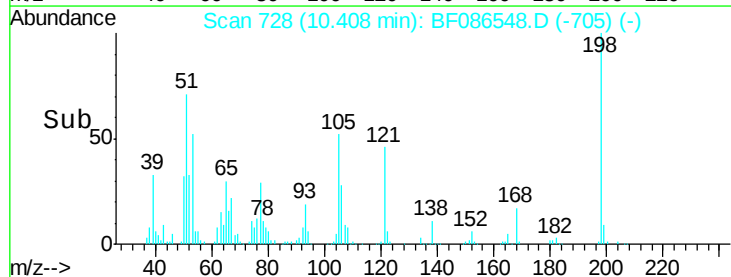
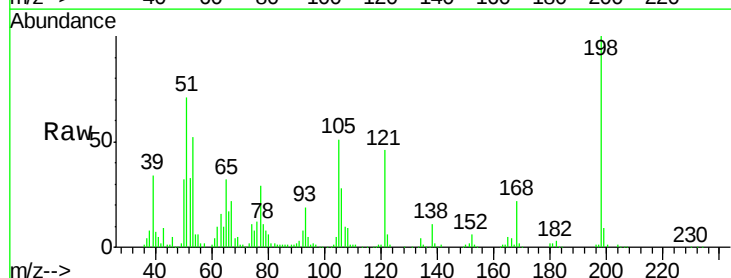
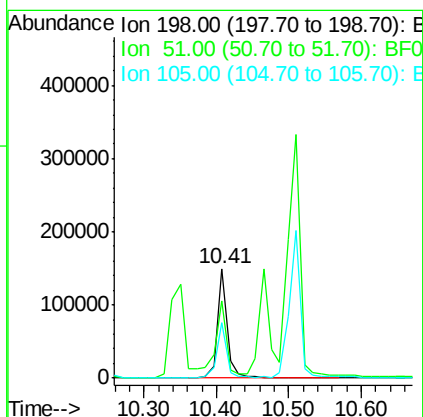
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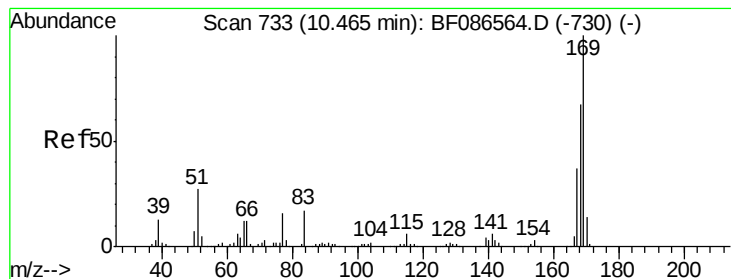
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.94 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	70.9	20.5	60.5#
105	51.2	24.5	64.5





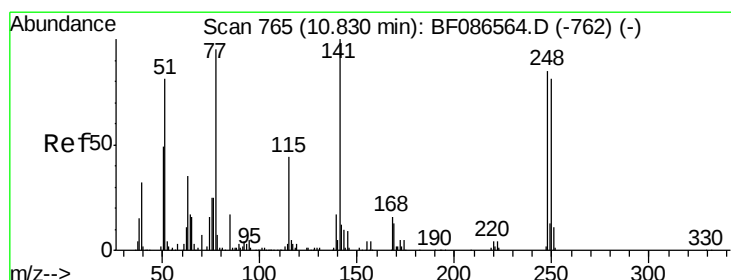
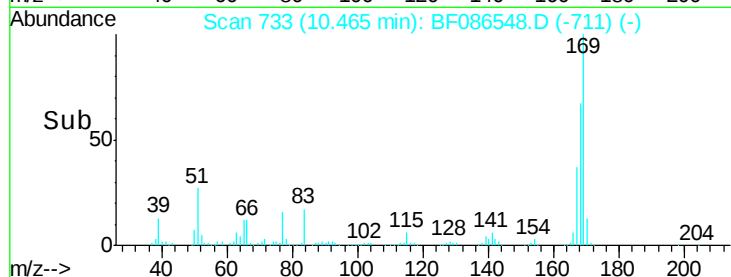
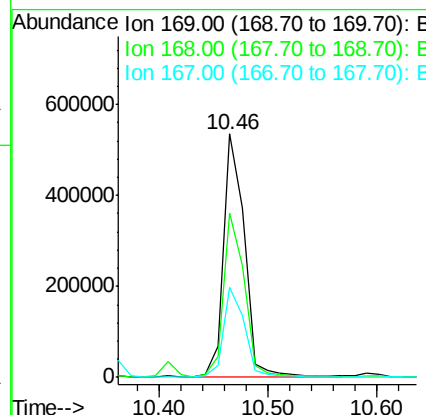
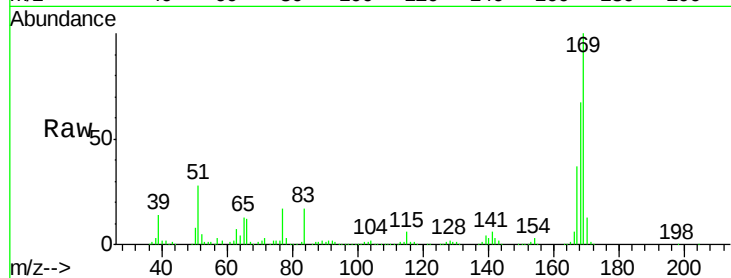
#65
 n-Nitrosodiphenylamine
 Concen: 40.61 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	720069		
168	67.5	53.8	80.6	
167	36.8	29.5	44.3	

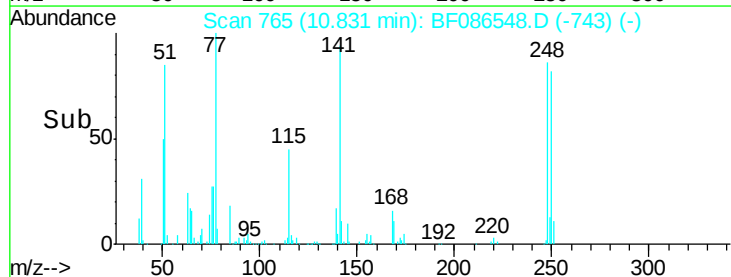
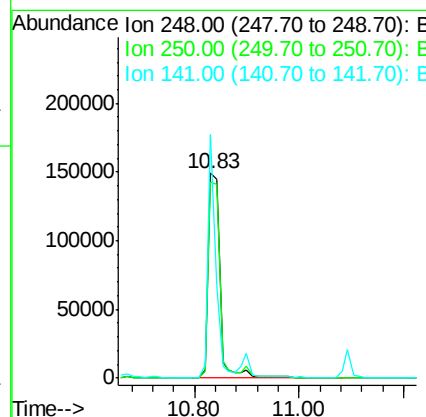
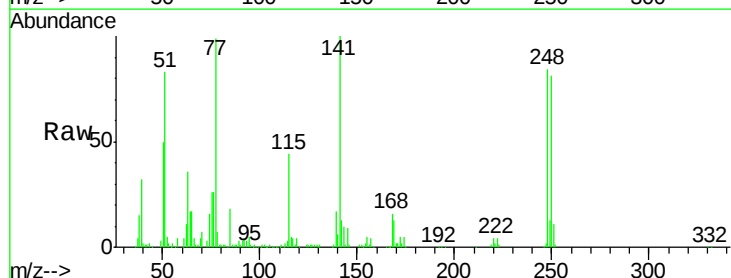
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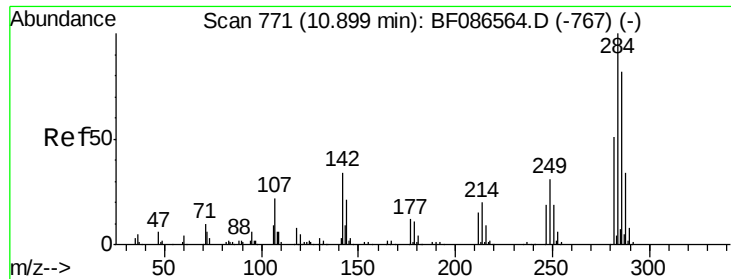
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#66
 4-Bromophenyl-phenylether
 Concen: 40.16 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	234831		
250	96.0	78.6	117.8	
141	118.8	76.0	114.0	





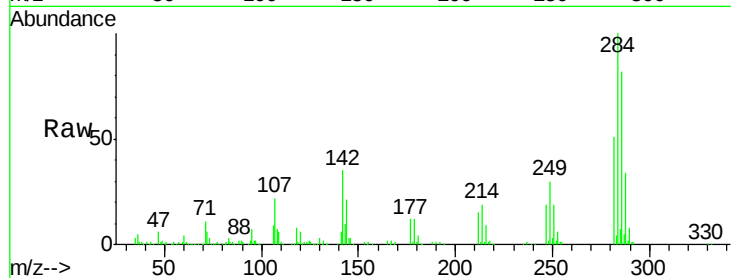
#67
Hexachlorobenzene
Concen: 38.85 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

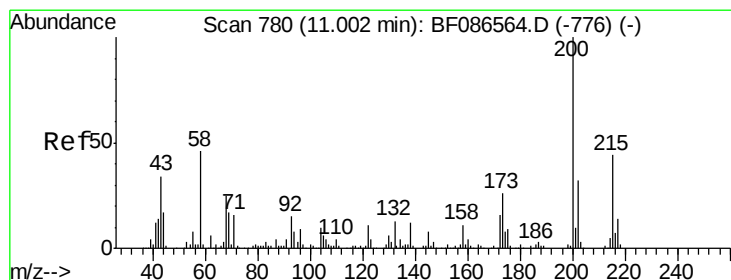
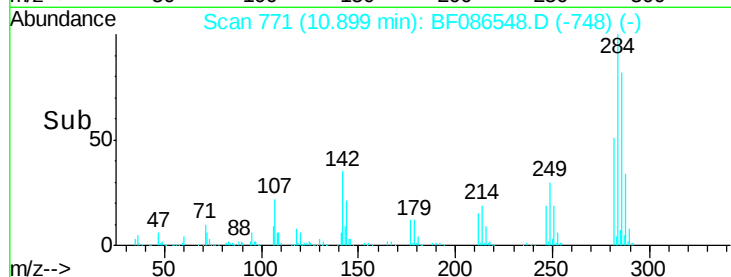
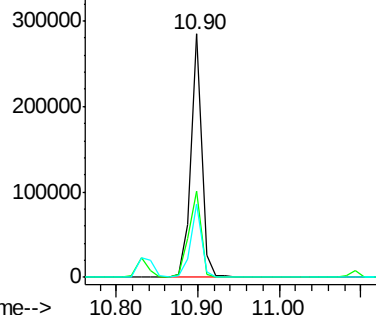
Tot Ion	Ratio	Resp	Lower	Upper
284	100	262905		
142	35.3	16.7	25.1#	
249	30.4	21.3	31.9	

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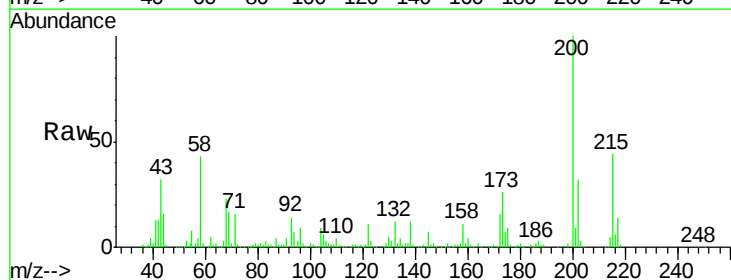


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

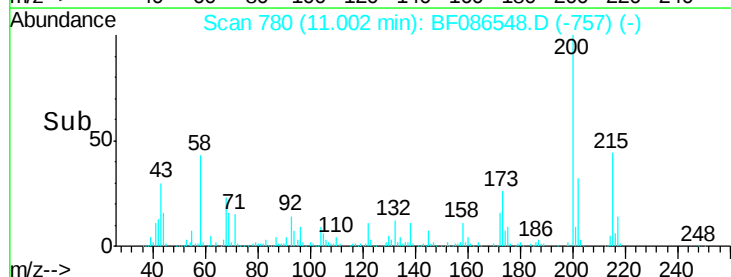
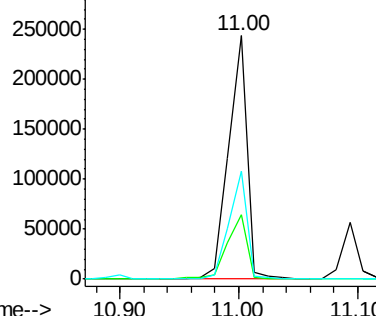


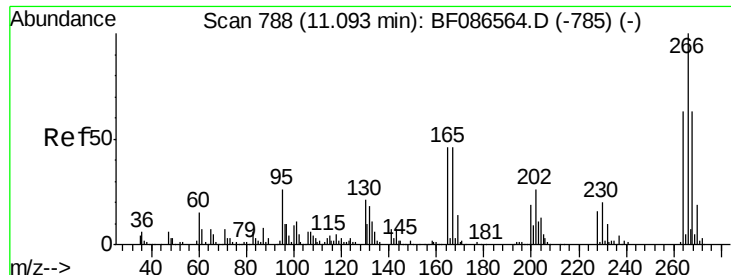
#68
Atrazine
Concen: 50.25 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	267590		
173	26.4	8.5	48.5	
215	44.1	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





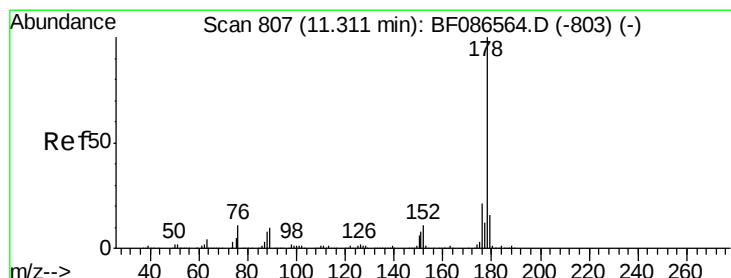
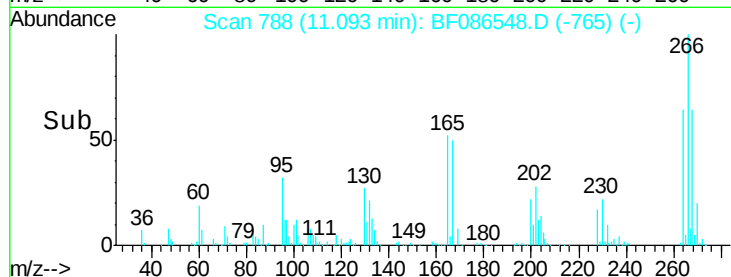
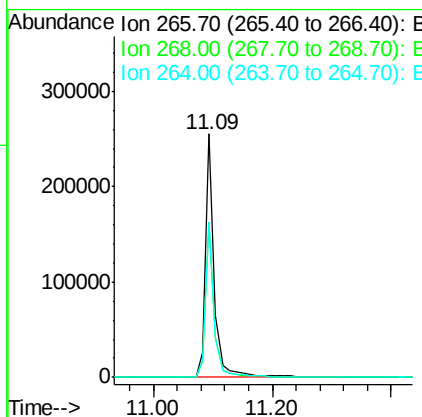
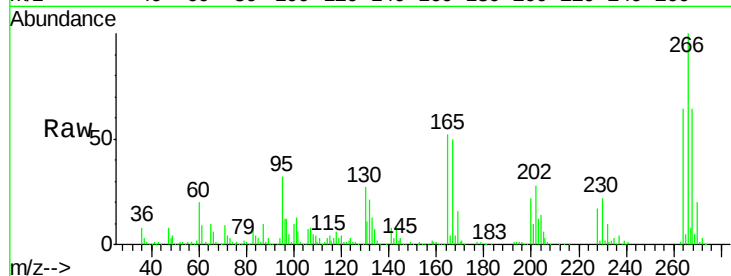
#69
 Pentachlorophenol
 Concen: 75.50 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	269392		
268	63.8	51.5	77.3	
264	63.6	52.9	79.3	

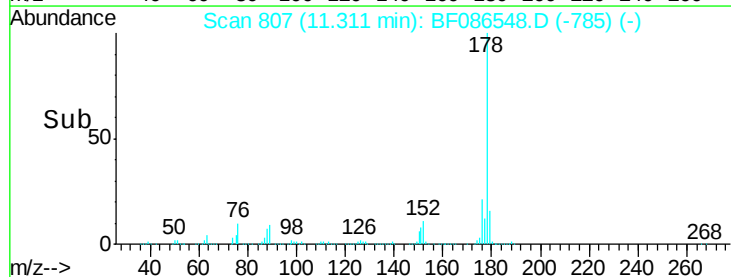
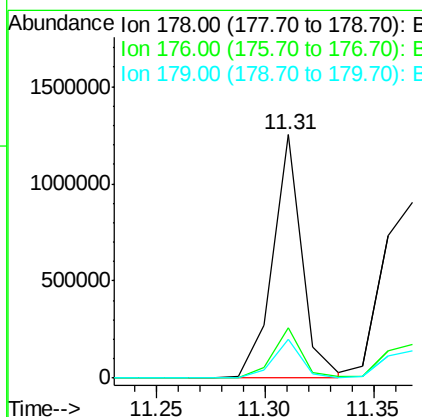
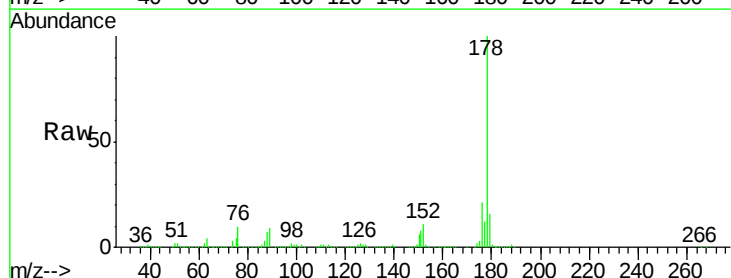
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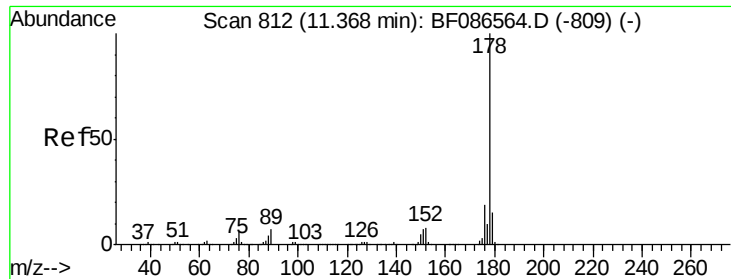
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#70
 Phenanthrene
 Concen: 39.79 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1184722		
176	20.5	16.0	24.0	
179	15.8	12.6	18.8	





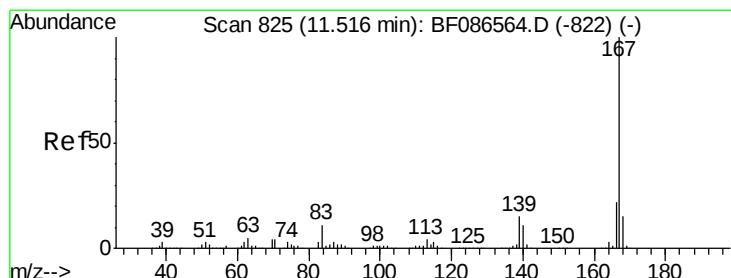
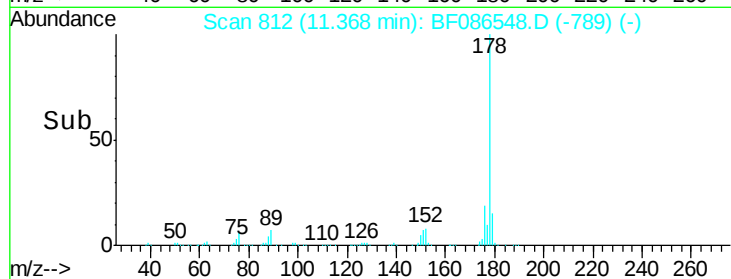
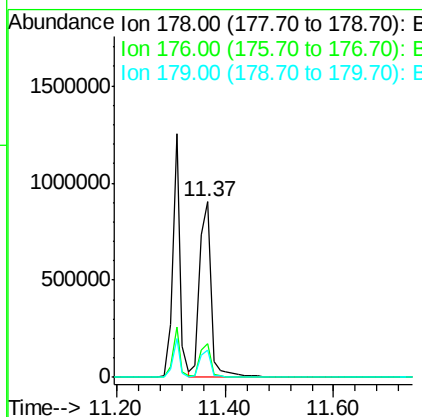
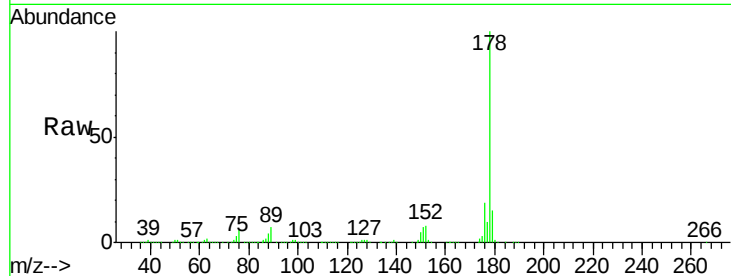
#71
 Anthracene
 Concen: 41.31 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tot Ion:178 Resp: 1312669
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.4 12.7 19.1

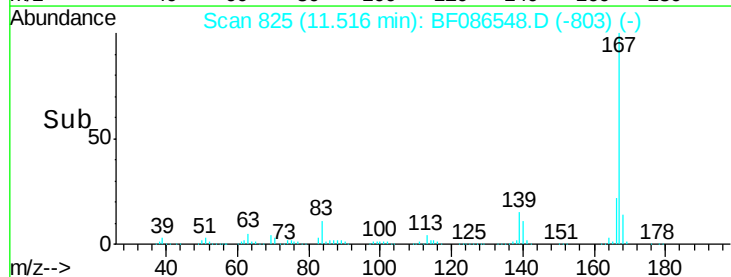
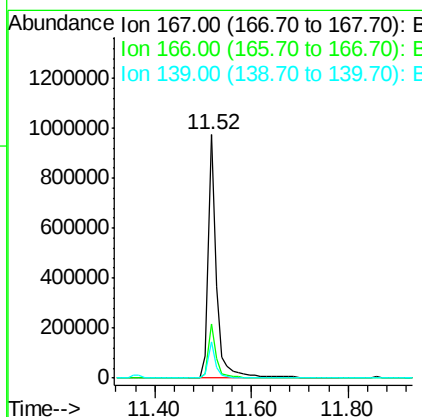
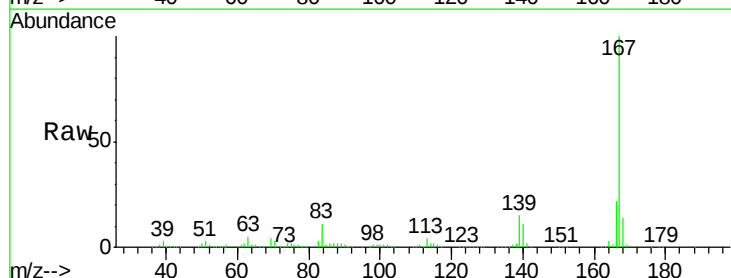
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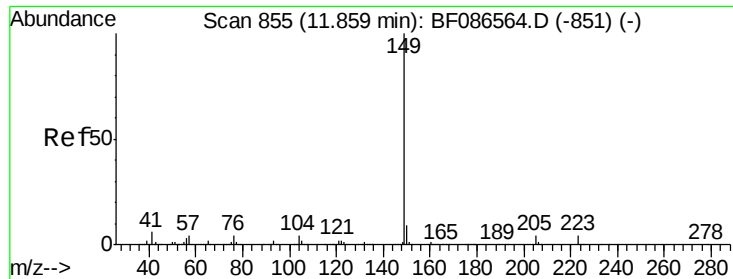
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#72
 Carbazole
 Concen: 41.97 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:167 Resp: 1182034
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 14.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 43.01 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

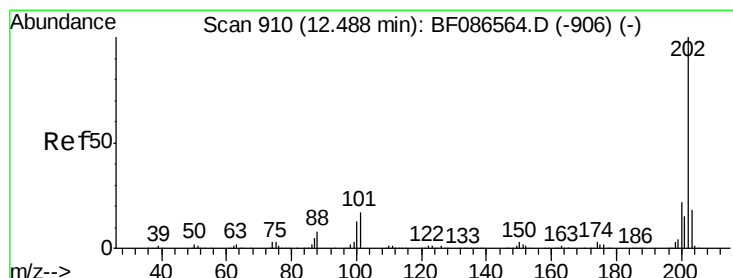
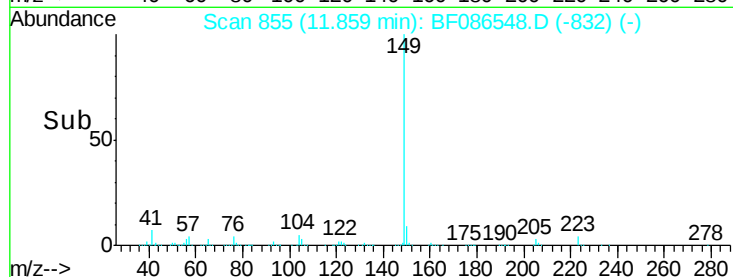
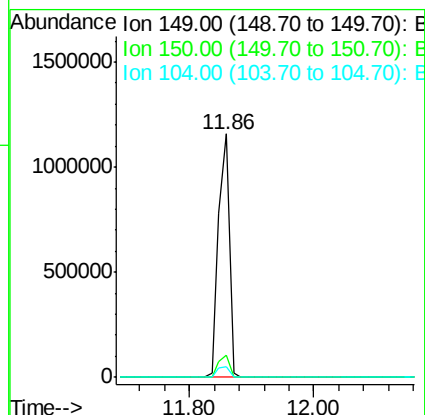
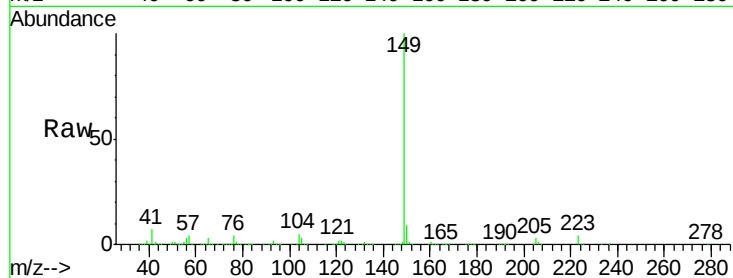
ClientSampleId :

SS5MSD

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Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.5	3.8	5.6



#74

Fluoranthene

Concen: 40.88 ng

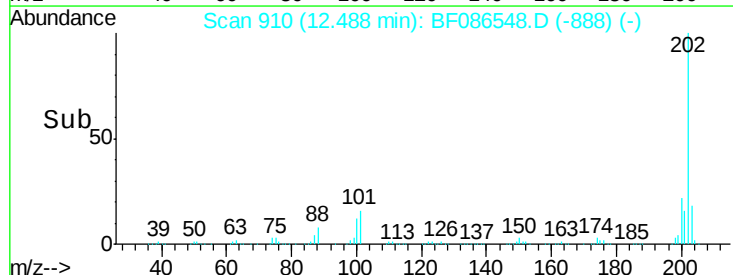
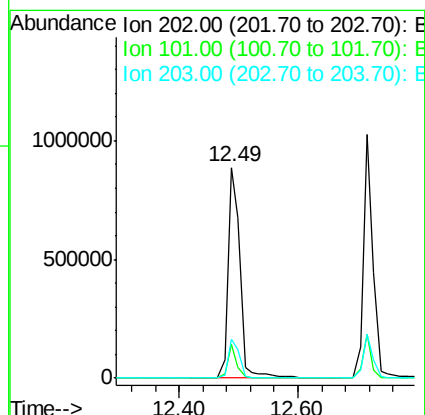
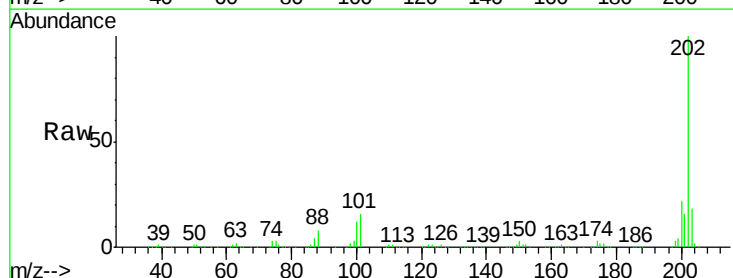
RT: 12.49 min Scan# 910

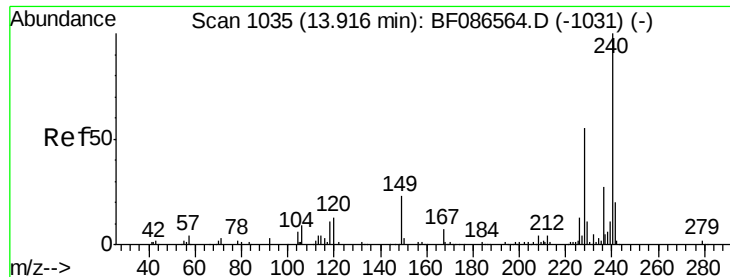
Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	35.4
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

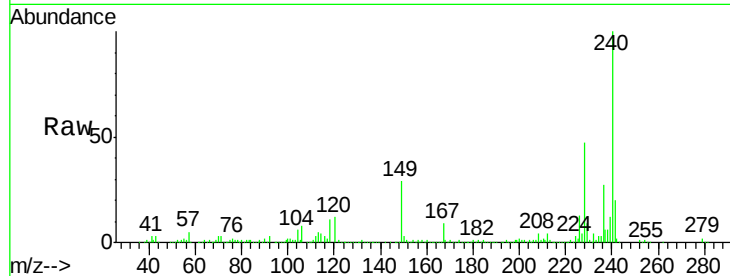
ClientSampled :

SS5MSD

Tot Ion:	240	Resp:	388862
Ion Ratio		Lower	Upper
240	100		
120	12.2	11.2	16.8
236	26.8	21.2	31.8

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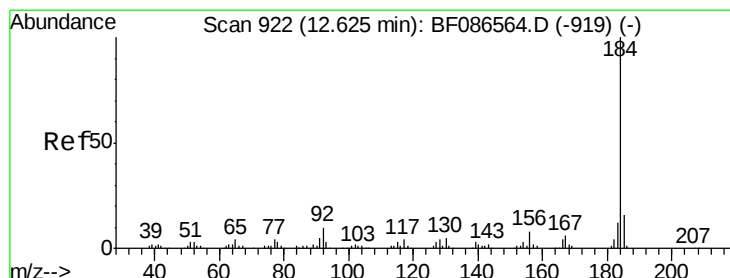
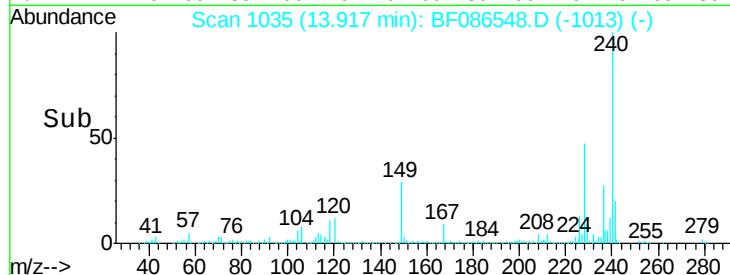
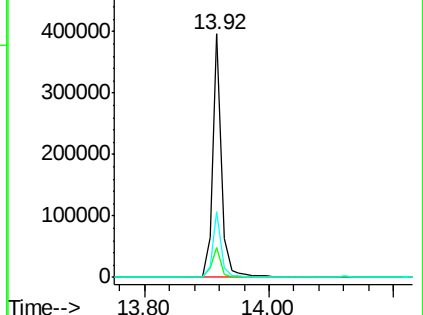
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.52 ng

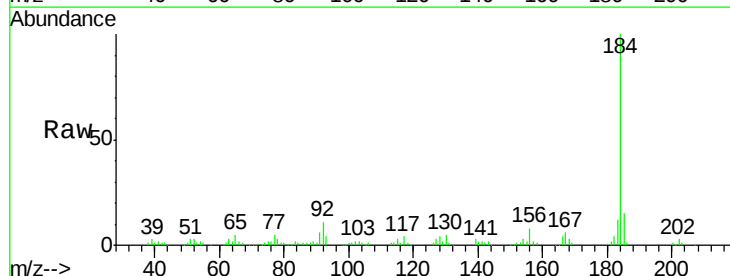
RT: 12.61 min Scan# 921

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

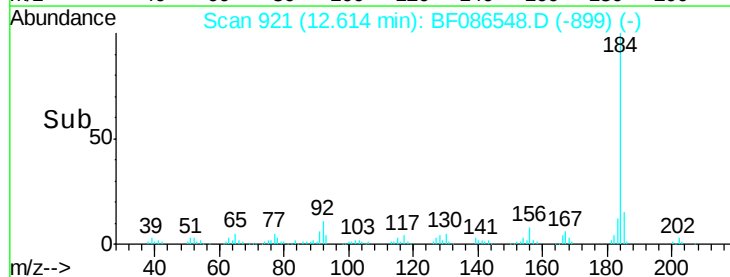
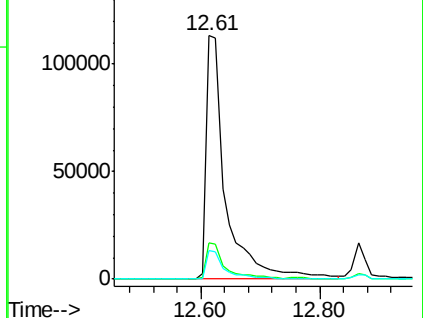
Tgt Ion:	184	Resp:	260823
Ion Ratio		Lower	Upper
184	100		
185	15.1	13.6	20.4
183	11.7	9.8	14.6

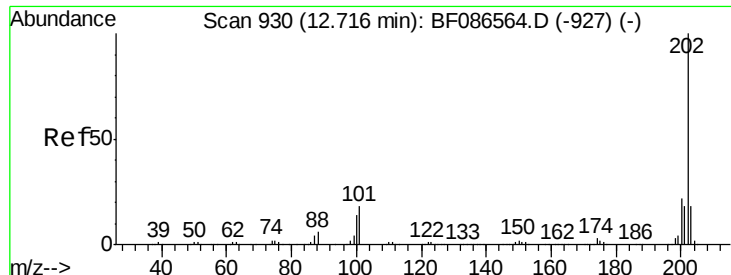


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





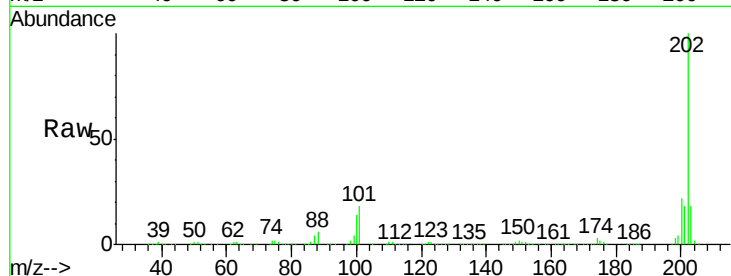
#77
Pvrene
Concen: 41.24 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

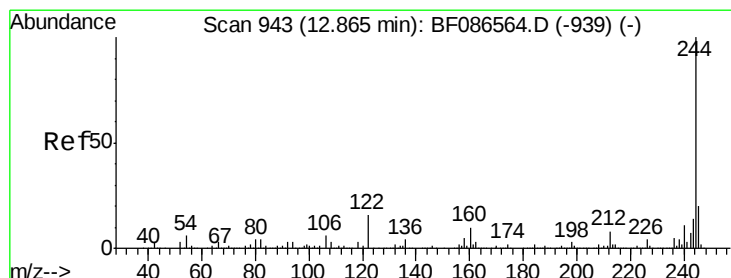
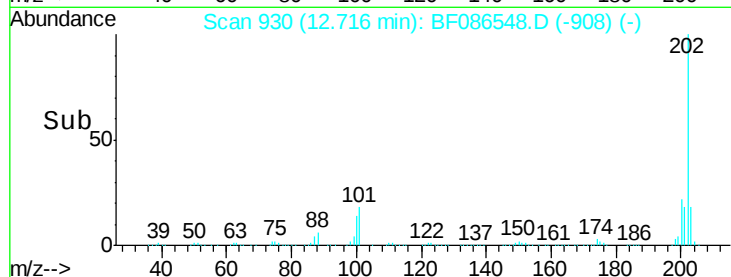
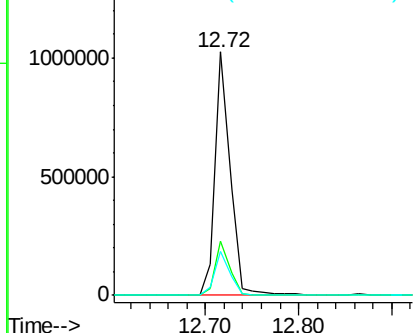
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.2	14.2	21.4

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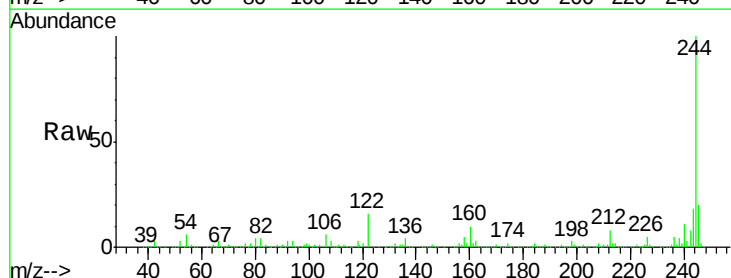


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

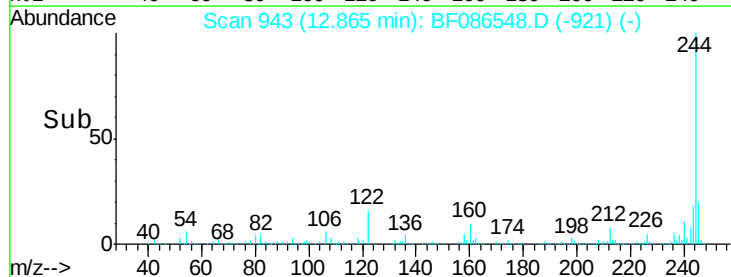
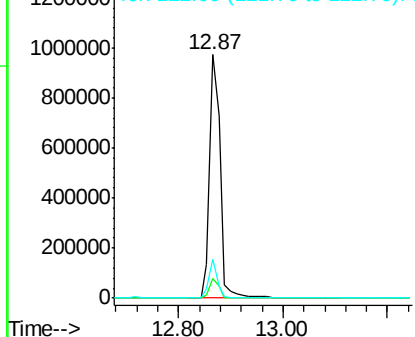


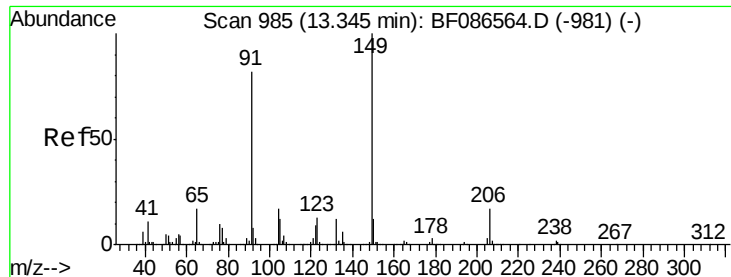
#78
Terphenyl-d14
Concen: 77.67 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	15.7	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





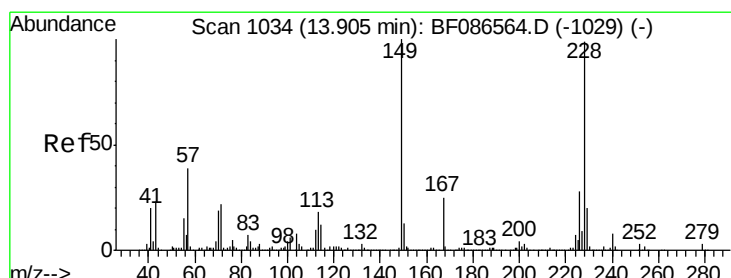
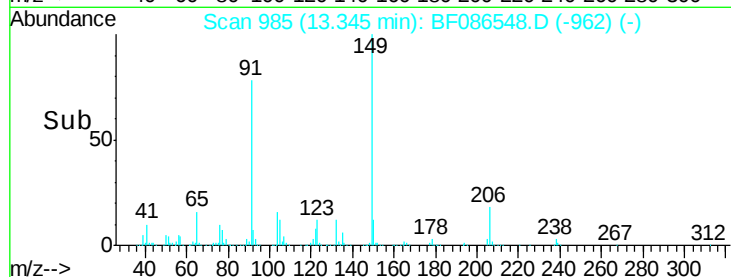
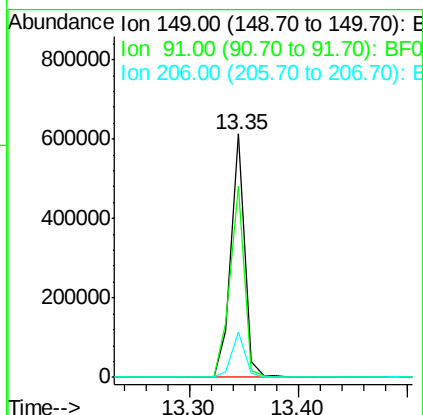
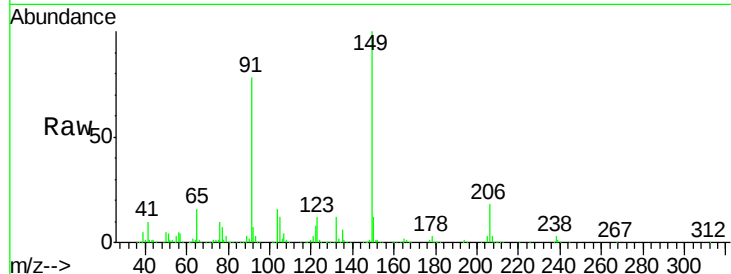
#79
Butylbenzylphthalate
Concen: 44.42 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	539084		
91	78.4	48.0	72.0#	
206	18.3	15.8	23.6	

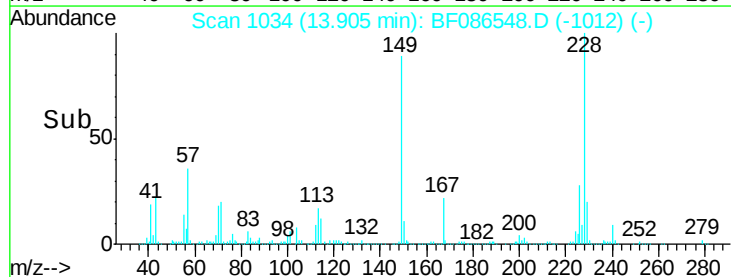
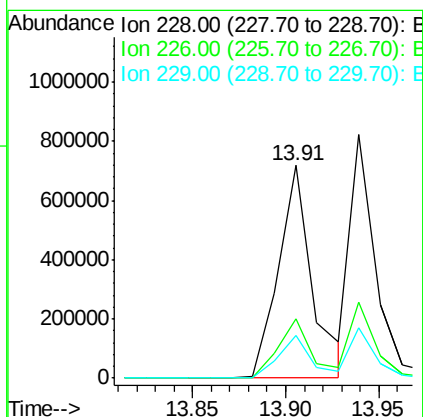
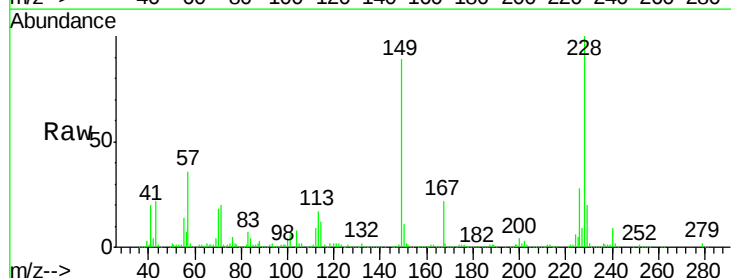
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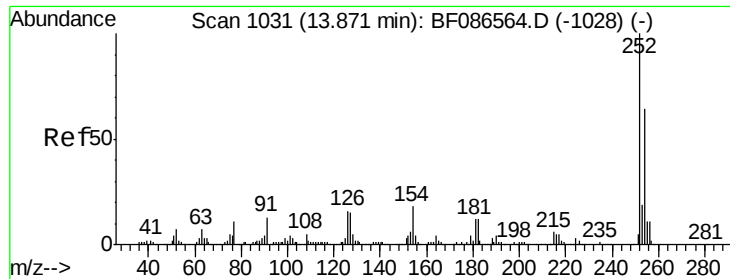
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#80
Benzo(a)anthracene
Concen: 43.70 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	905971		
226	27.9	22.5	33.7	
229	19.9	16.6	25.0	





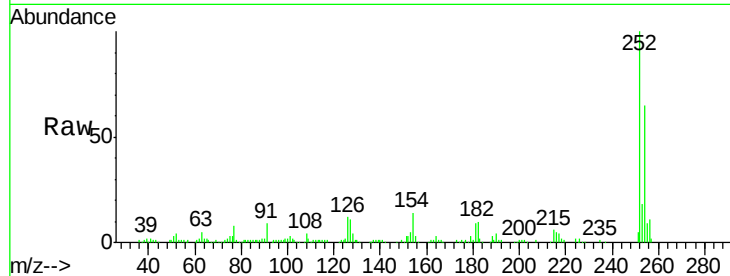
#81
 3,3'-Dichlorobenzidine
 Concen: 11.22 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

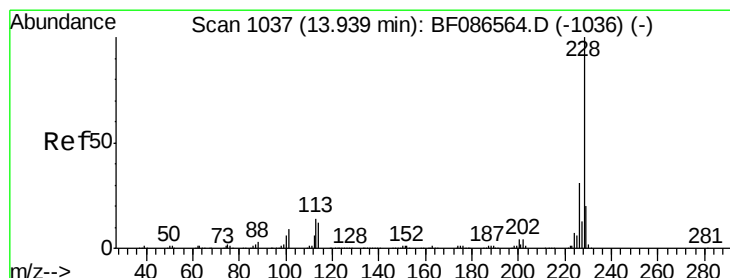
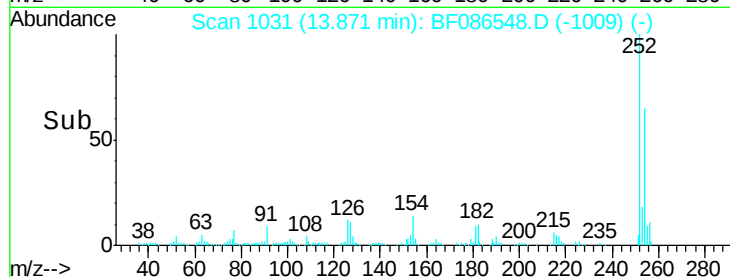
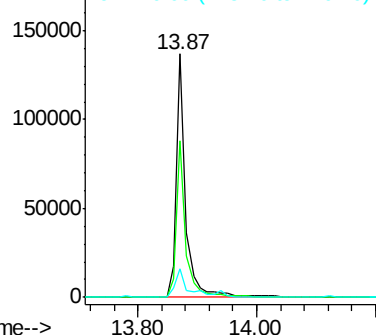
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.7	76.1
126	11.9	12.7	19.1

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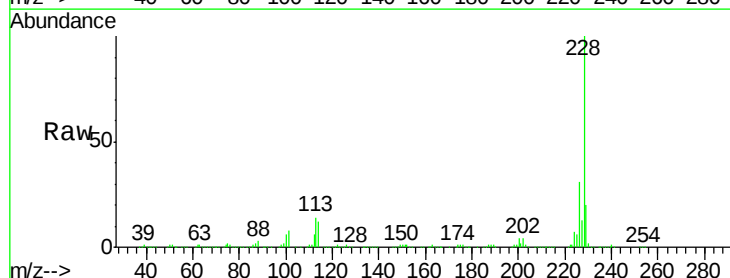


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

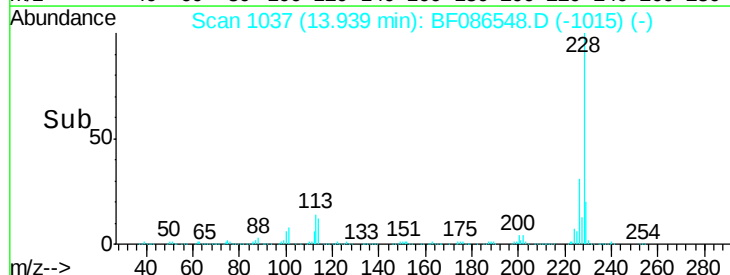
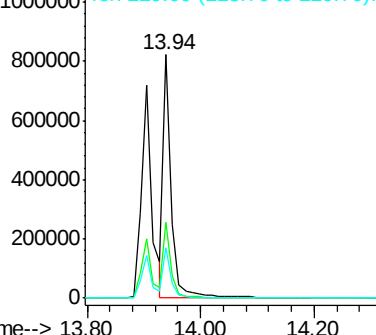


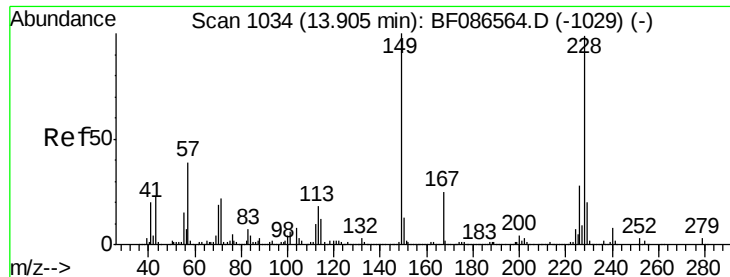
#82
 Chrysene
 Concen: 37.05 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.4	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: 38.60 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

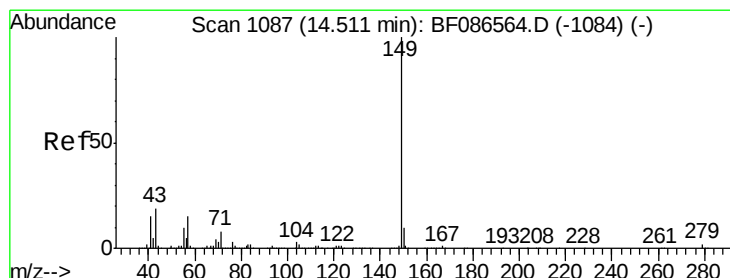
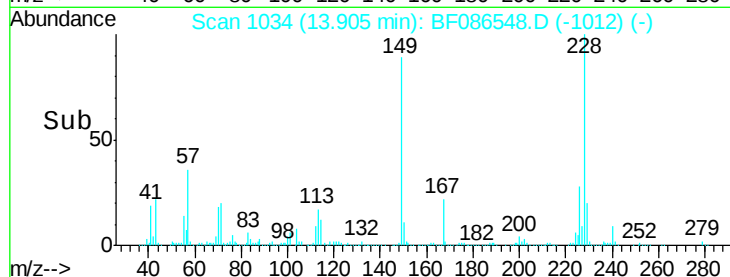
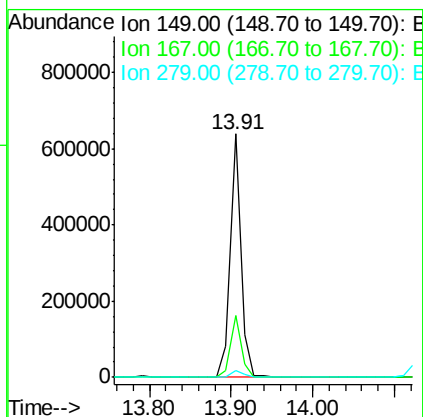
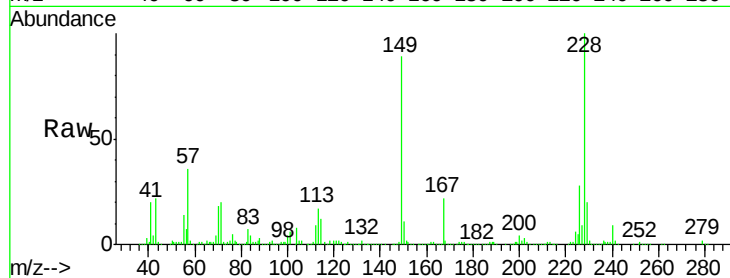
ClientSampleId :

SS5MSD

Tot Ion:	149	Resp:	581473
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.8	32.6
279	2.8	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 41.16 ng

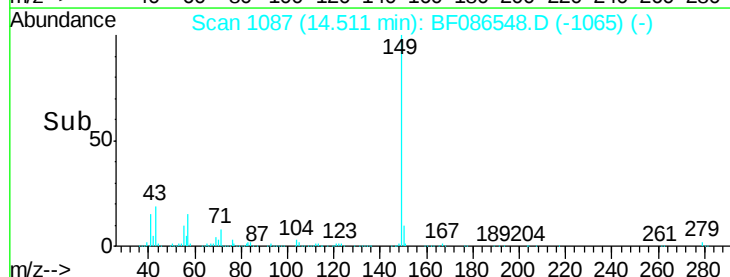
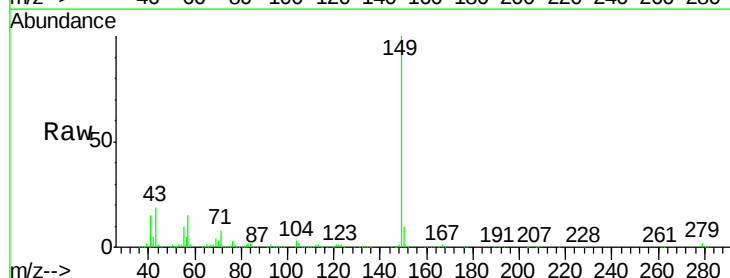
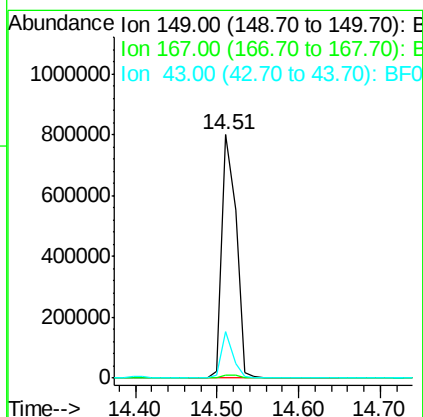
RT: 14.51 min Scan# 1087

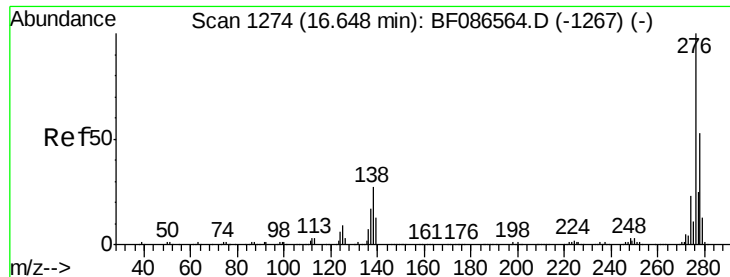
Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion:	149	Resp:	970897
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	15.0	8.2	12.4#





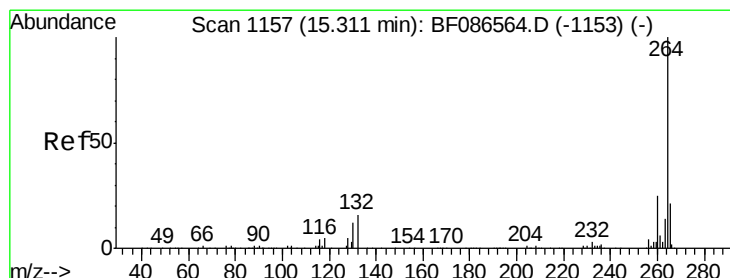
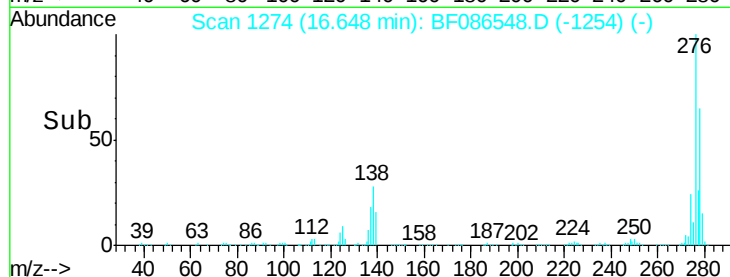
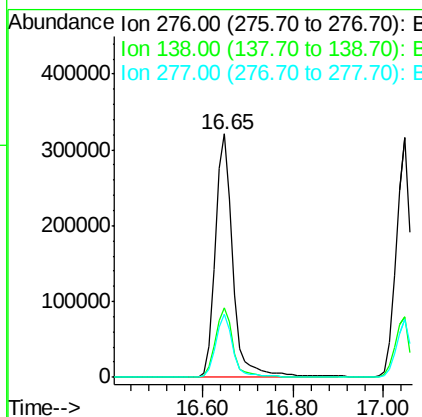
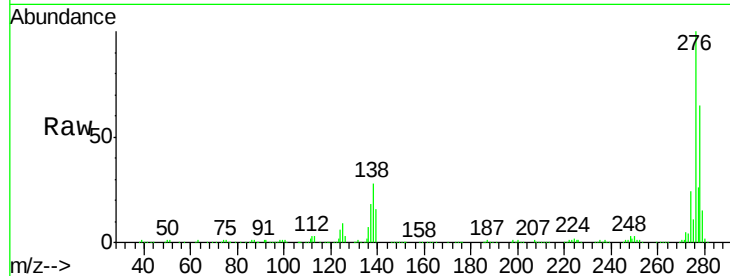
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.38 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.07 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tot Ion:	276	Resp:	874558
Ion Ratio	Lower	Upper	
276	100		
138	29.0	25.6	38.4
277	25.4	20.5	30.7

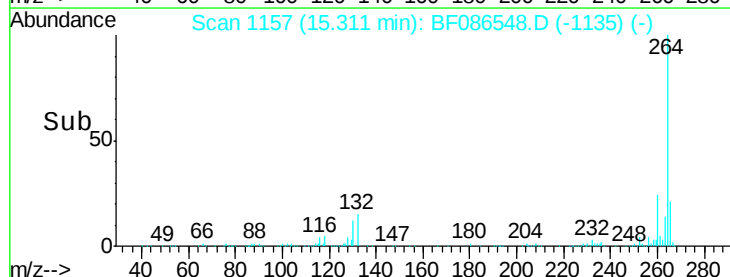
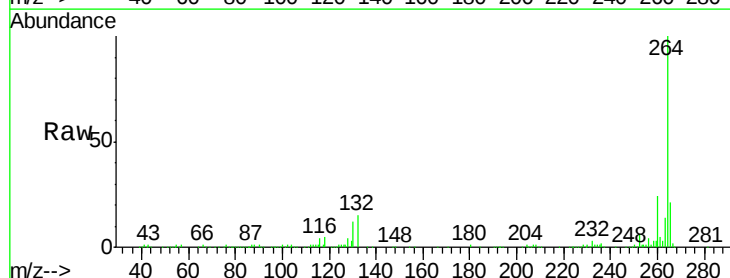
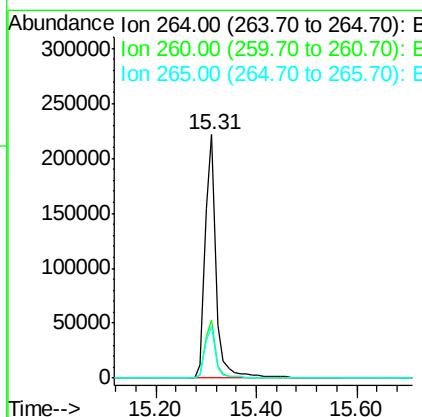
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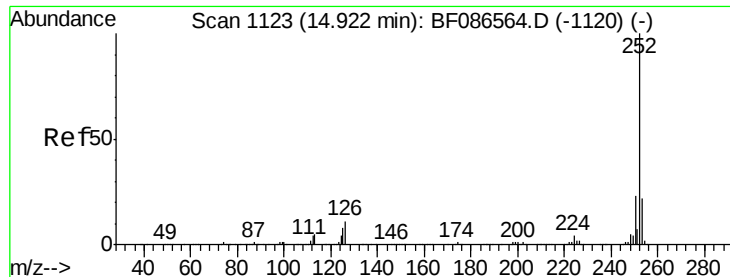
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:	264	Resp:	337125
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 46.52 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

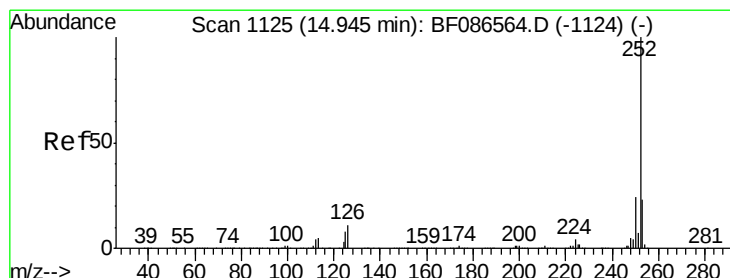
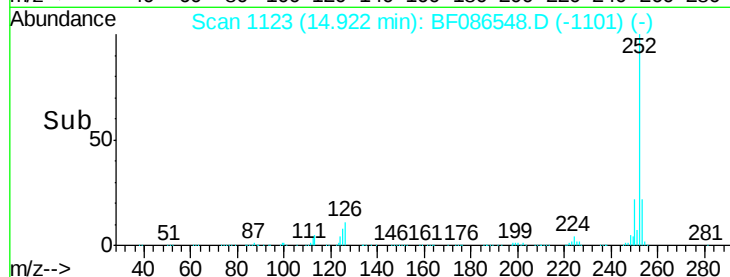
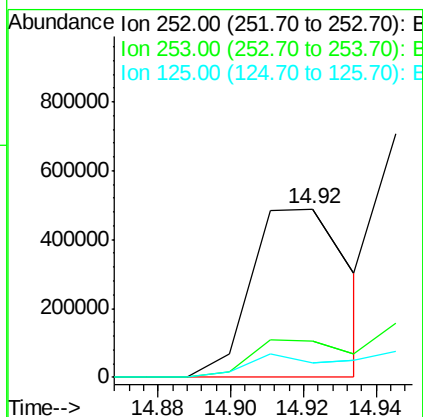
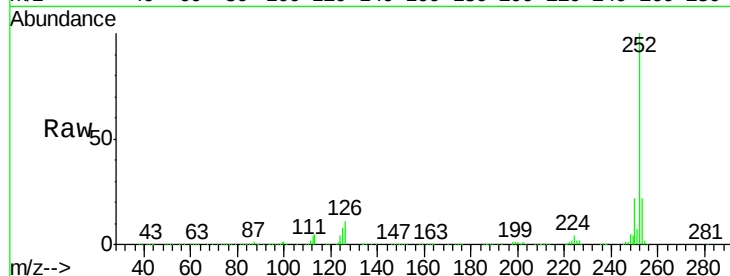
ClientSampleId :

SS5MSD

Tot Ion:	252	Resp:	922674
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.6
125	8.3	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 32.65 ng m

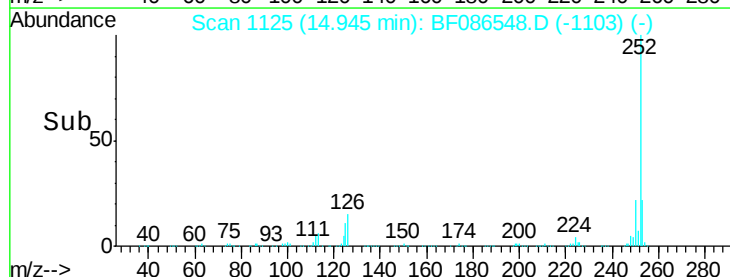
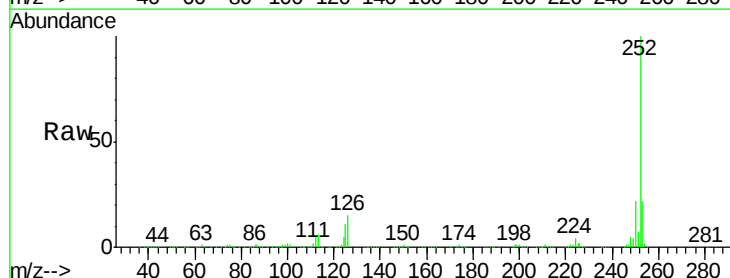
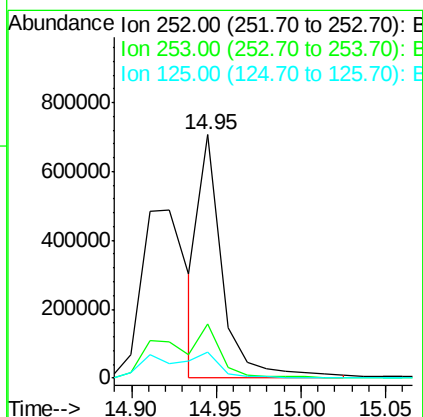
RT: 14.95 min Scan# 1125

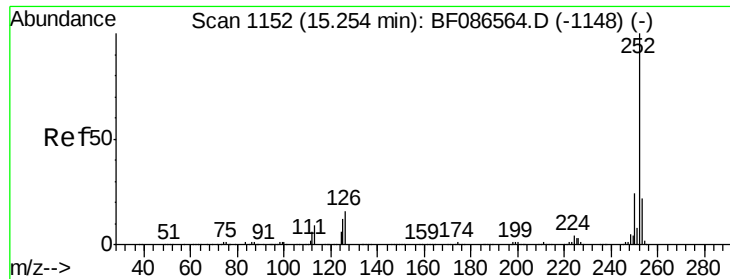
Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion:	252	Resp:	675345
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	10.7	9.1	13.7





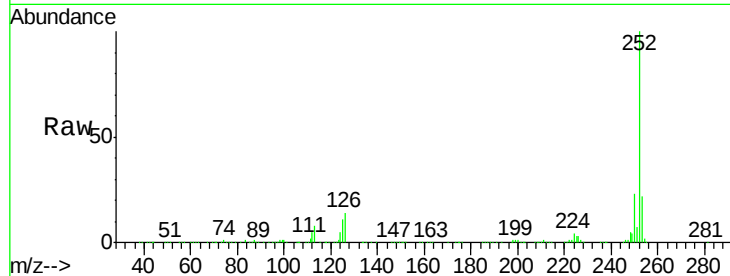
#89
Benzo(a)pyrene
Concen: 41.50 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

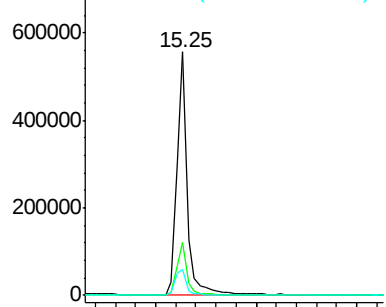
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.9	9.0	13.6

Manual Integrations
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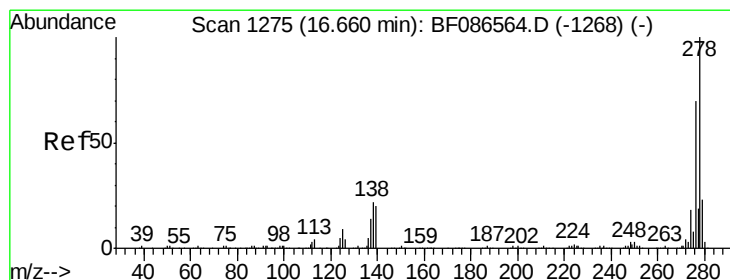
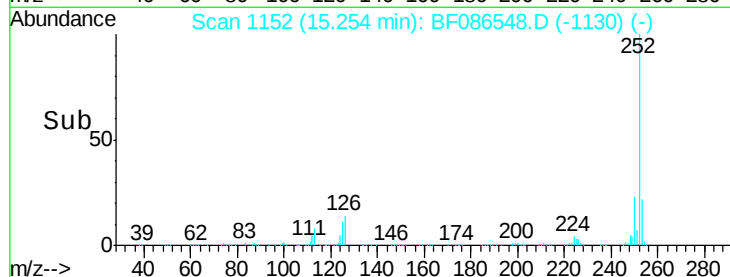
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



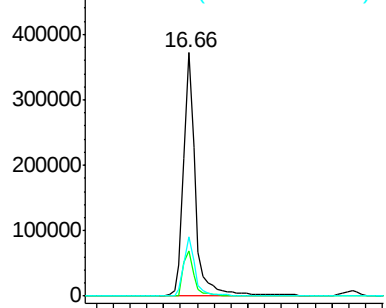
Time-->



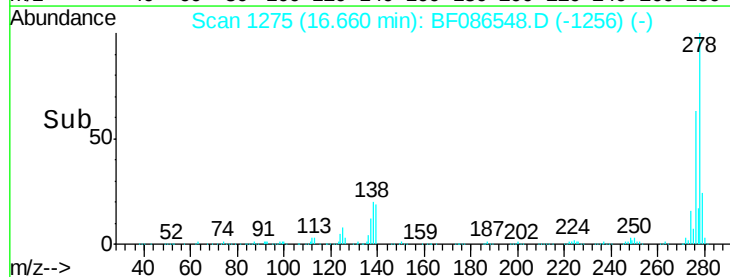
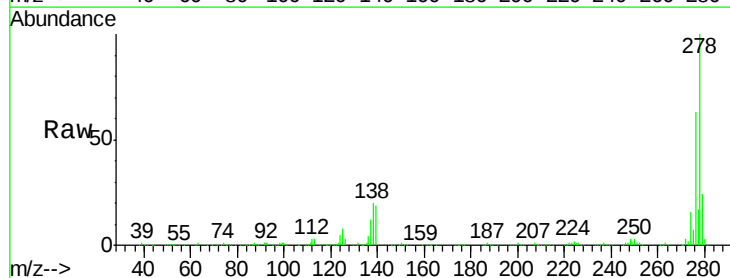
#90
Dibenzo(a,h)anthracene
Concen: 48.13 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.08 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

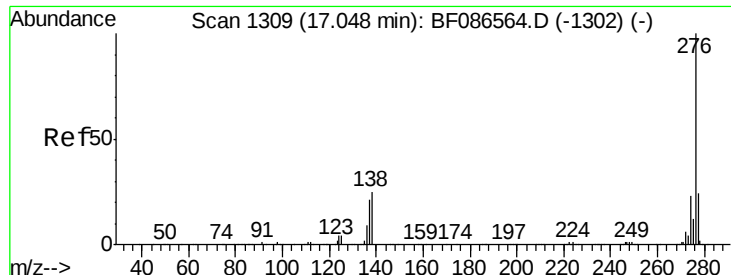
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.6	24.8
279	24.1	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91
 Benzo(a,h,i)perylene
 Concen: 47.87 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.08 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tot Ion:	276	Resp:	735062
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.6	29.4
138	25.2	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:57:55 PM

