

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086582.D
 Acq On : 1 May 2016 20:44
 Operator : UM/SJ
 Sample : H2683-16MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Manual Integrations
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Quant Time: May 02 05:17:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 02 04:16:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139936	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	608897	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	287854	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	565976	20.00	ng	0.00
75) Chrysene-d12	13.92	240	376612	20.00	ng	0.00
86) Perylene-d12	15.31	264	307289	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1186793	146.29	ng	0.02
7) Phenol-d6	6.42	99	1471377	129.95	ng	0.01
23) Nitrobenzene-d5	7.33	82	1023612	90.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	458865	151.16	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1667110	106.82	ng	-0.01
78) Terphenyl-d14	12.86	244	1581482	92.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	150019	35.20	ng	# 71
3) Pyridine	3.13	79	359231m	35.62	ng	
4) n-Nitrosodimethylamine	3.05	42	288431	50.17	ng	# 56
6) Aniline	6.44	93	185297	13.52	ng	# 77
8) 2-Chlorophenol	6.56	128	453671	44.90	ng	95
9) Benzaldehyde	6.32	77	16009	2.43	ng	96
10) Phenol	6.43	94	592546	46.91	ng	92
11) bis(2-Chloroethyl)ether	6.51	93	454801	41.64	ng	89
12) 1,3-Dichlorobenzene	6.70	146	417472	38.41	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	447848	39.93	ng	96
14) 1,2-Dichlorobenzene	6.93	146	391006	38.02	ng	94
15) Benzyl Alcohol	6.92	79	316594	44.20	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	903853	41.35	ng	99
17) 2-Methylphenol	7.04	107	383445	46.95	ng	# 93
18) Hexachloroethane	7.28	117	164810	39.33	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	369988	49.43	ng	# 81
20) 3+4-Methylphenols	7.18	107	450746	48.34	ng	# 67
22) Acetophenone	7.18	105	636557	47.68	ng	94
24) Nitrobenzene	7.36	77	536588	46.18	ng	96
25) Isophorone	7.60	82	947512	43.58	ng	99
26) 2-Nitrophenol	7.68	139	247653	46.29	ng	95
27) 2,4-Dimethylphenol	7.72	122	449622	47.89	ng	94
28) bis(2-Chloroethoxy)methane	7.81	93	576965	48.71	ng	99
29) 2,4-Dichlorophenol	7.92	162	381600	48.18	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	384778	41.87	ng	98
31) Naphthalene	8.08	128	1432835	46.25	ng	99
32) Benzoic acid	7.86	122	235967	42.70	ng	99
33) 4-Chloroaniline	8.17	127	23515	2.03	ng	# 72
34) Hexachlorobutadiene	8.19	225	204284	39.66	ng	97
35) Caprolactam	8.51	113	115516m	43.72	ng	
36) 4-Chloro-3-methylphenol	8.62	107	446661	49.25	ng	95
37) 2-Methylnaphthalene	8.76	142	847397	46.35	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	358745	43.54	ng	97
40) Hexachlorocyclopentadiene	8.92	237	341931	83.51	ng	95

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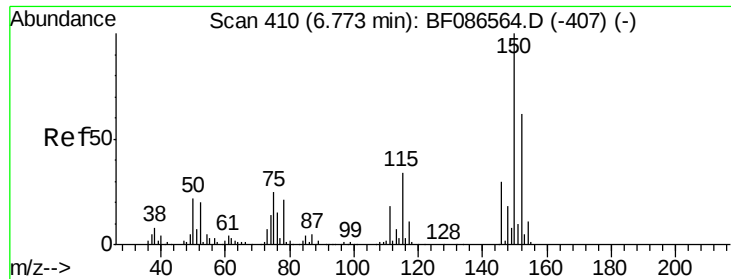
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	251230	48.24	ng	94
43) 2,4,5-Trichlorophenol	9.09	196	260673	45.92	ng #	81
45) 1,1'-Biphenyl	9.23	154	1044235	43.40	ng	96
46) 2-Chloronaphthalene	9.25	162	799693	43.71	ng	94
47) 2-Nitroaniline	9.36	65	321613	54.82	ng	86
48) Acenaphthylene	9.66	152	1194590	41.78	ng	99
49) Dimethylphthalate	9.54	163	1029212	47.49	ng	100
50) 2,6-Dinitrotoluene	9.60	165	217198	48.52	ng #	85
51) Acenaphthene	9.84	154	912376	49.67	ng	98
52) 3-Nitroaniline	9.77	138	61224	12.02	ng	96
53) 2,4-Dinitrophenol	9.87	184	226112	91.16	ng #	76
54) Dibenzofuran	10.01	168	1112071	48.44	ng	92
55) 4-Nitrophenol	9.94	139	270822	81.24	ng #	64
56) 2,4-Dinitrotoluene	10.00	165	286767	50.25	ng #	80
57) Fluorene	10.35	166	836288	41.96	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	245066	55.22	ng	97
59) Diethylphthalate	10.24	149	981156	47.83	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	413411	45.69	ng #	82
61) 4-Nitroaniline	10.38	138	169046	33.96	ng	88
62) Azobenzene	10.51	77	1125673	50.10	ng	89
64) 4,6-Dinitro-2-methylphenol	10.41	198	168249	50.64	ng #	75
65) n-Nitrosodiphenylamine	10.46	169	553145	31.27	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	256277	43.94	ng	90
67) Hexachlorobenzene	10.90	284	302268	44.78	ng #	84
68) Atrazine	10.99	200	68602	12.92	ng	94
69) Pentachlorophenol	11.09	266	322253	90.54	ng	97
70) Phenanthrene	11.31	178	1344290	45.26	ng	100
71) Anthracene	11.37	178	1446508	45.63	ng	99
72) Carbazole	11.52	167	945476	33.65	ng	99
73) Di-n-butylphthalate	11.86	149	1536173	48.27	ng	99
74) Fluoranthene	12.49	202	1320826	44.05	ng	100
77) Pyrene	12.72	202	1276264	47.03	ng	99
79) Butylbenzylphthalate	13.35	149	614587	52.29	ng #	81
80) Benzo(a)anthracene	13.91	228	993279	49.47	ng	99
82) Chrysene	13.94	228	905568	41.49	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	675305	46.29	ng	98
84) Di-n-octyl phthalate	14.51	149	1093830	47.88	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	1013005	62.64	ng	97
87) Benzo(b)fluoranthene	14.92	252	1062945m	58.80	ng	
88) Benzo(k)fluoranthene	14.95	252	796542m	42.24	ng	
89) Benzo(a)pyrene	15.25	252	886890	51.96	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	856514	61.32	ng	98
91) Benzo(g,h,i)perylene	17.05	276	829511	59.26	ng	93

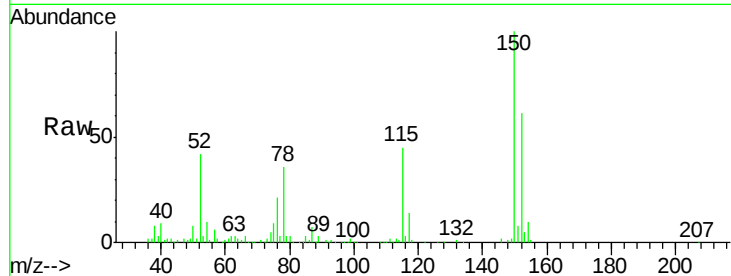
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

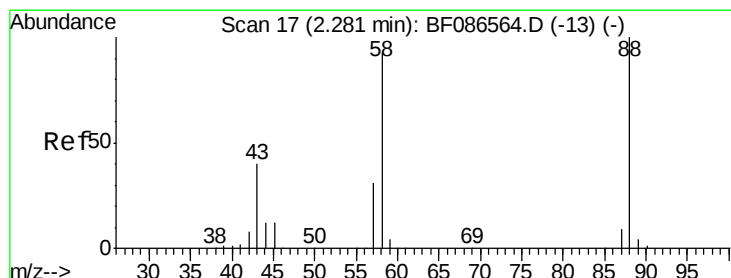
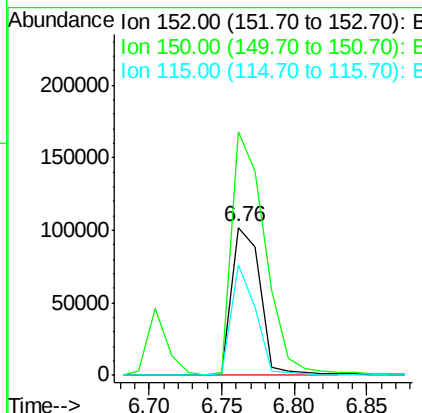
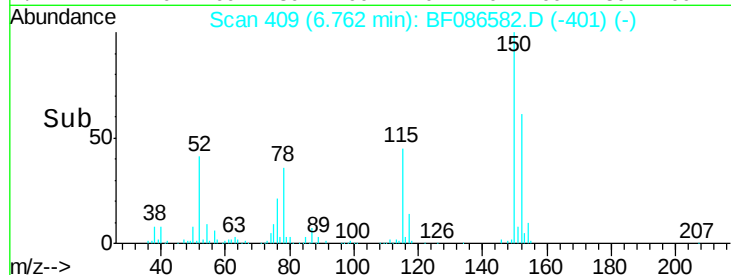
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.2	125.8	188.6
115	74.3	51.5	77.3

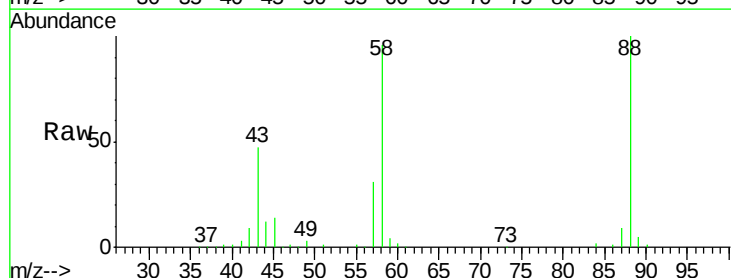
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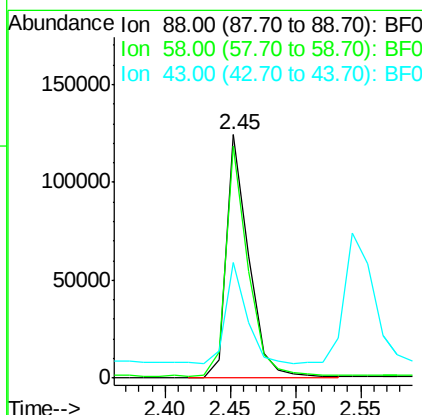
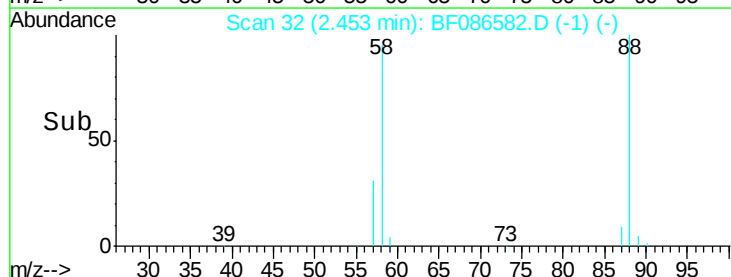


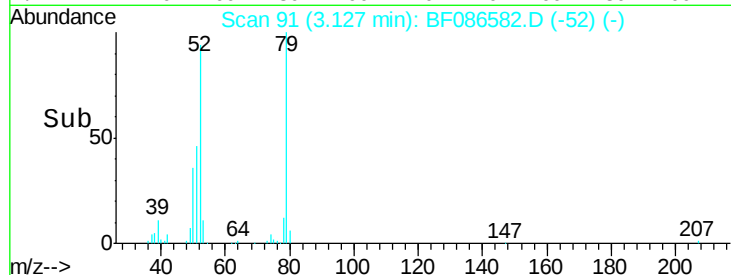
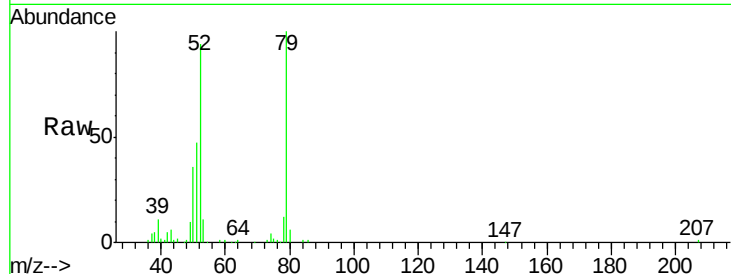
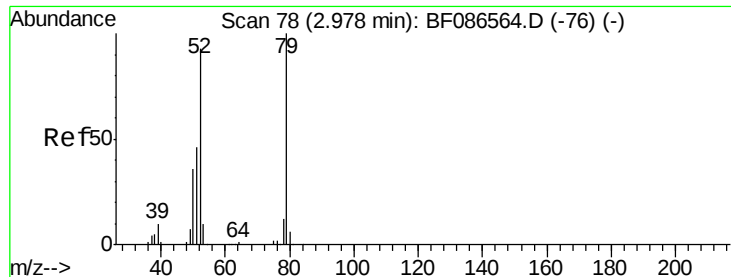
#2

1,4-Dioxane
Concen: 35.20 ng
RT: 2.45 min Scan# 32
Delta R.T. 0.17 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44



Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.3	59.6	89.4#
43	0.0	21.8	32.6#





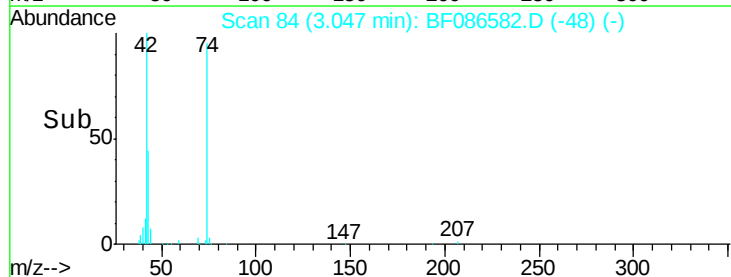
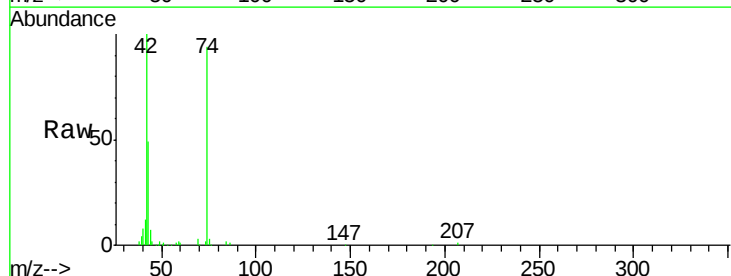
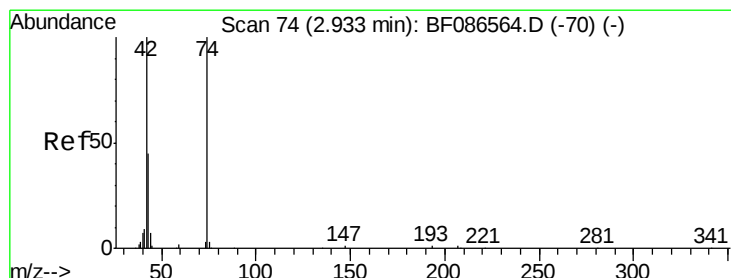
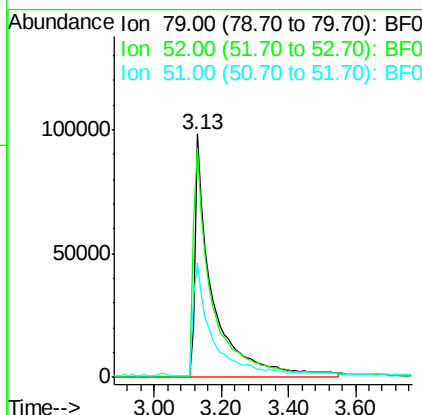
#3
 Pyridine
 Concen: 35.62 ng m
 RT: 3.13 min Scan# 91
 Delta R.T. 0.15 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Lower	Upper
79	100		
52	94.3	55.9	83.9#
51	47.0	28.1	42.1#

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

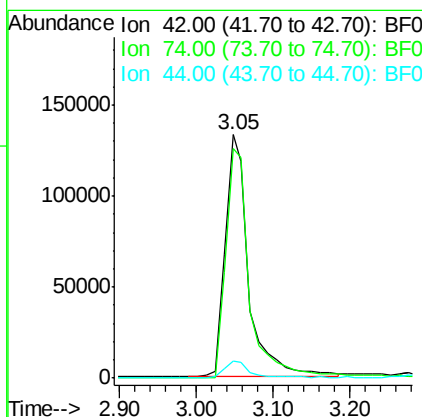
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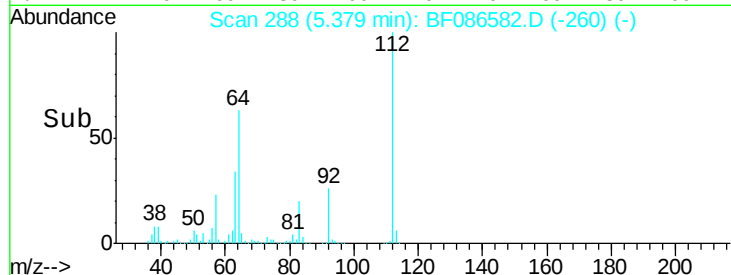
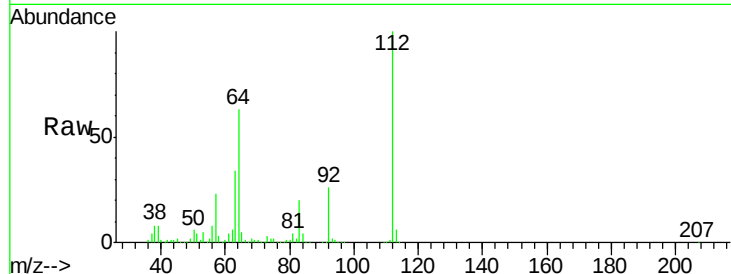
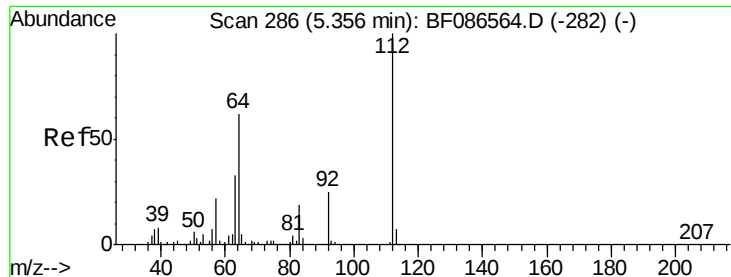
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#4
 n-Nitrosodimethylamine
 Concen: 50.17 ng
 RT: 3.05 min Scan# 84
 Delta R.T. 0.11 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	94.4	123.4	185.0#
44	7.2	5.8	8.6





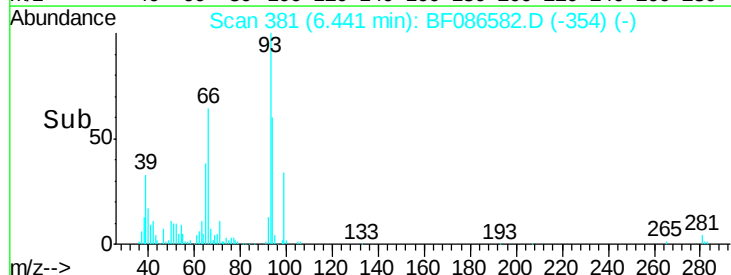
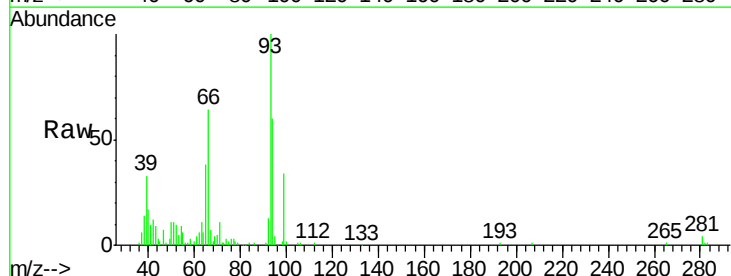
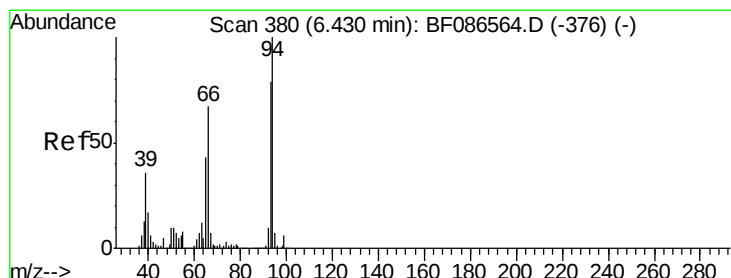
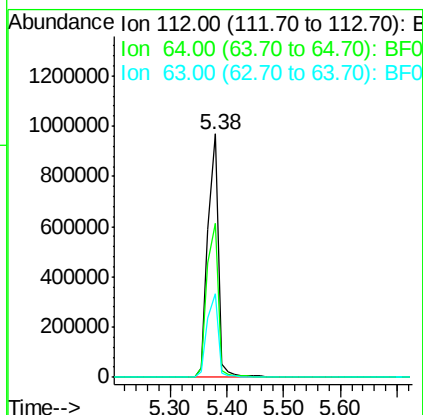
#5
2-Fluorophenol
Concen: 146.29 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.02 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion: 112 Resp: 1186793
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 34.1 25.7 38.5

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

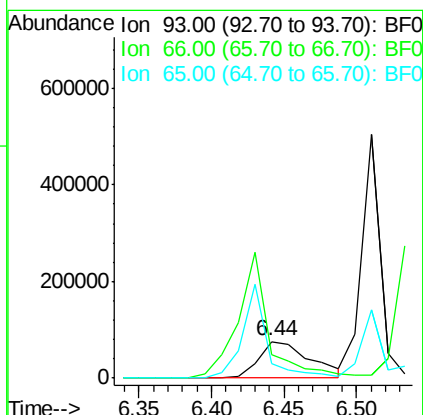
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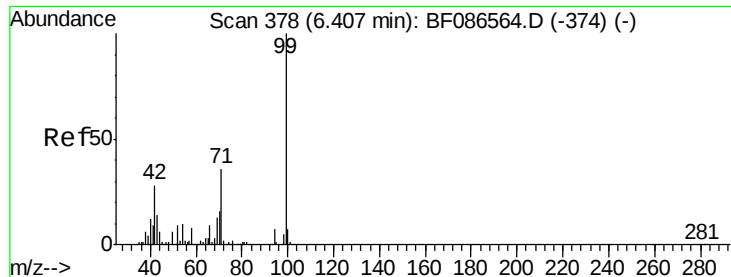
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#6
Aniline
Concen: 13.52 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.01 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion: 93 Resp: 185297
Ion Ratio Lower Upper
93 100
66 63.9 39.0 58.6#
65 38.2 20.6 31.0#





#7

Phenol-d6

Concen: 129.95 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF086582.D

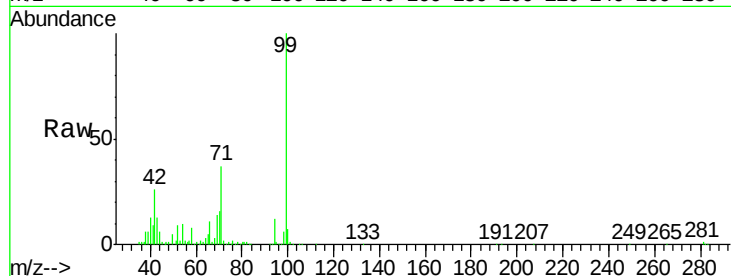
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Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

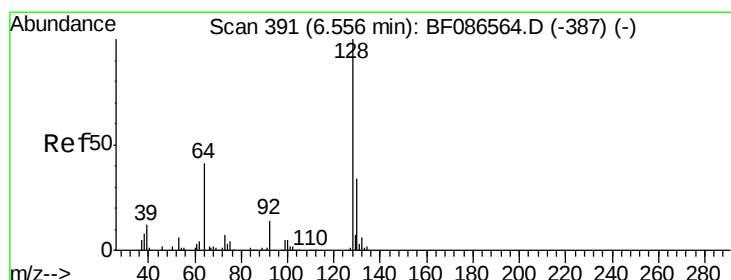
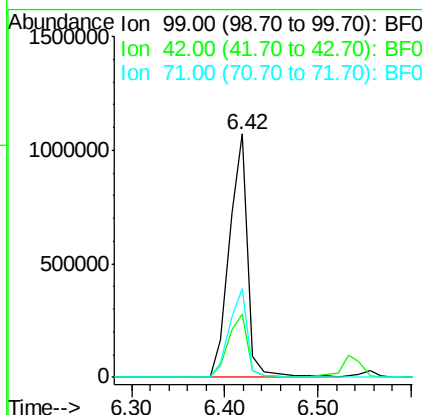
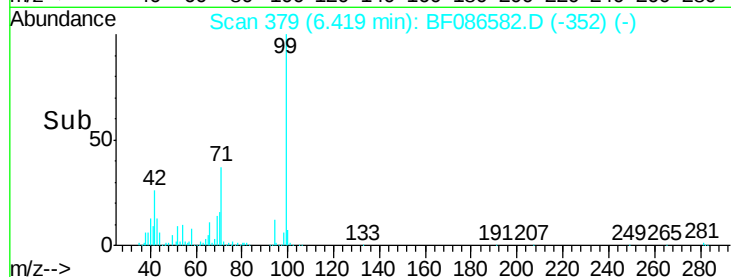


Tgt Ion: 99 Resp: 1471377

Ion	Ratio	Lower	Upper
99	100		
42	26.2	13.6	20.4#
71	36.6	24.6	36.8

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#8

2-Chlorophenol

Concen: 44.90 ng

RT: 6.56 min Scan# 391

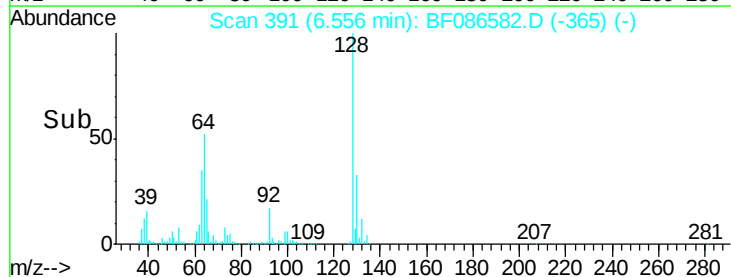
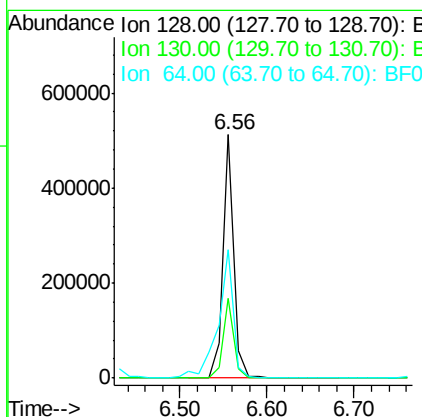
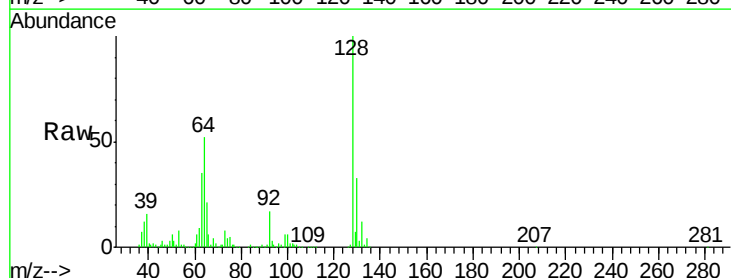
Delta R.T. 0.00 min

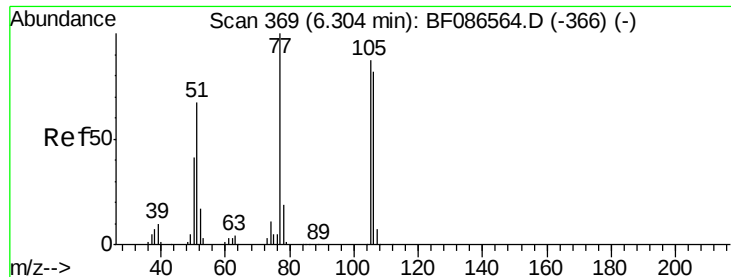
Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion: 128 Resp: 453671

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	52.5	27.3	67.3





#9

Benzaldehyde

Concen: 2.43 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.01 min

Lab File: BF086582.D

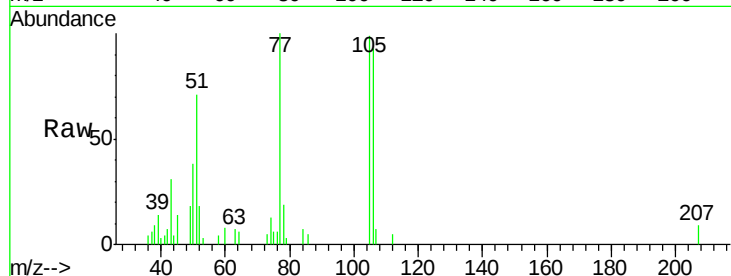
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Instrument :

BNA_F

ClientSampleId :

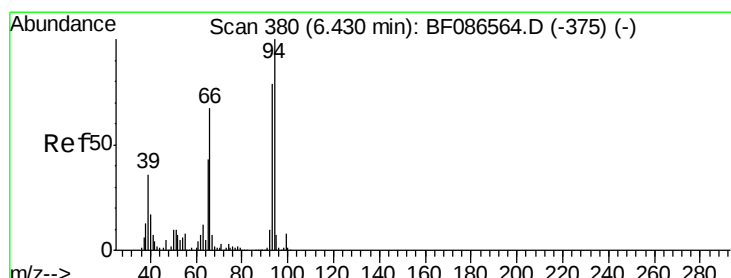
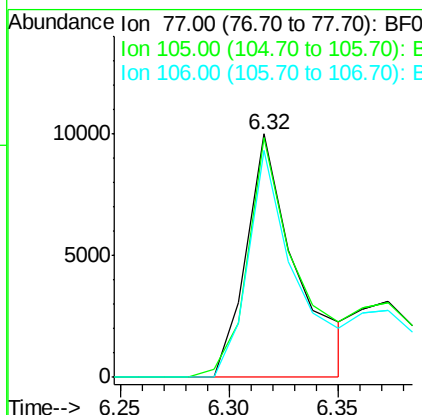
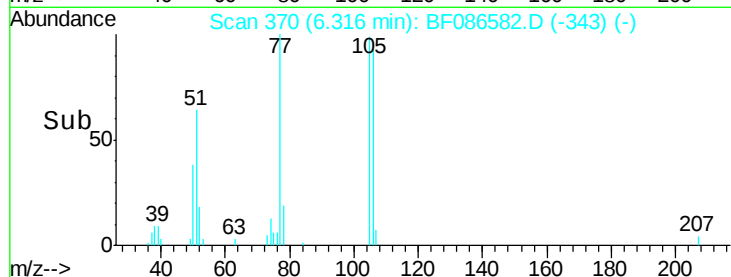
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Tgt Ion:	77	Resp:	16009
Ion	Ratio	Lower	Upper
77	100		
105	98.5	72.7	112.7
106	93.4	70.8	110.8

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#10

Phenol

Concen: 46.91 ng

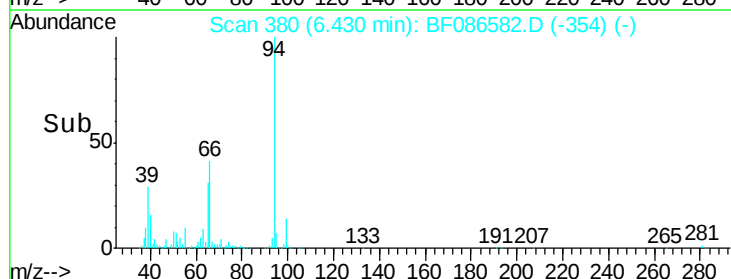
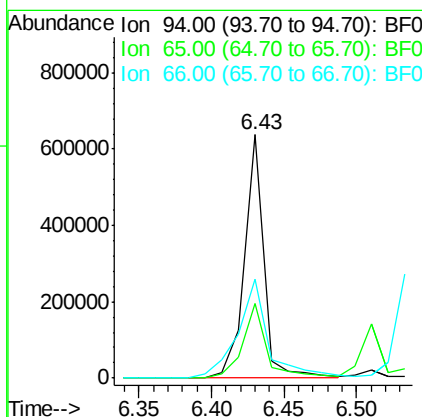
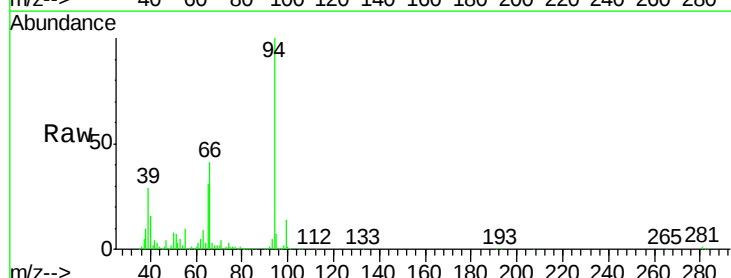
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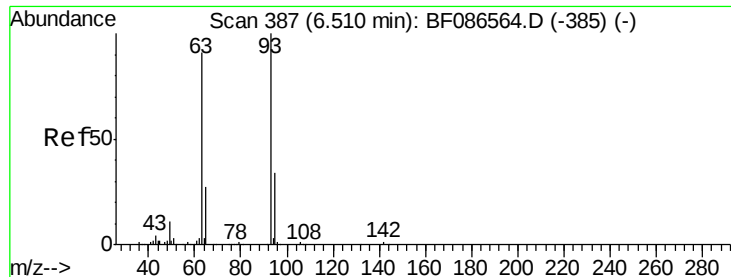
Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion:	94	Resp:	592546
Ion	Ratio	Lower	Upper
94	100		
65	30.5	7.2	47.2
66	40.7	14.9	54.9





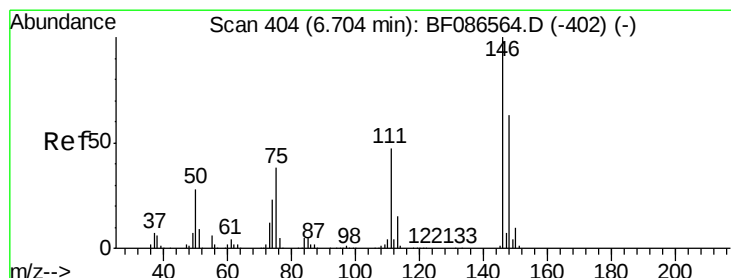
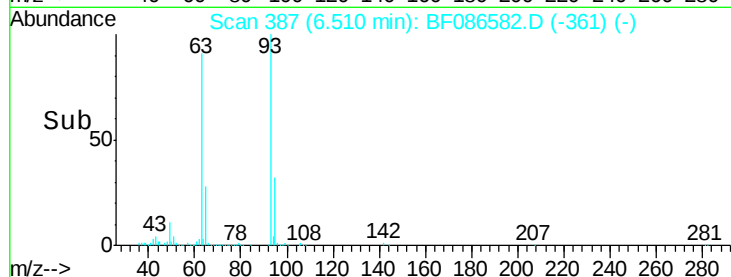
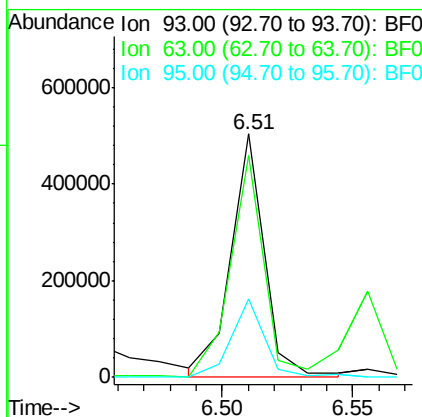
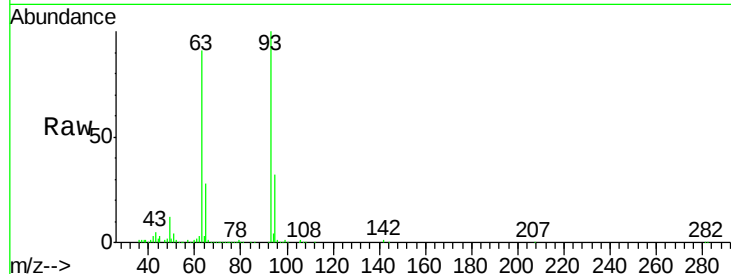
#11
bis(2-Chloroethyl)ether
Concen: 41.64 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	90.9	58.0	98.0
95	32.3	11.9	51.9

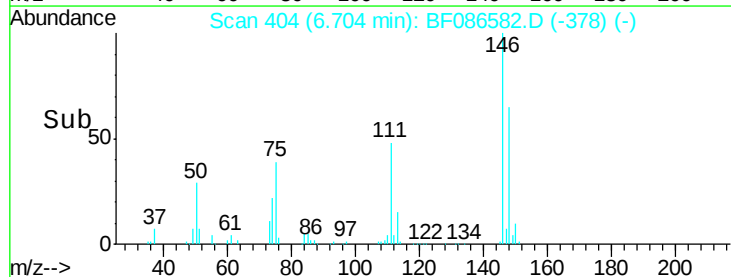
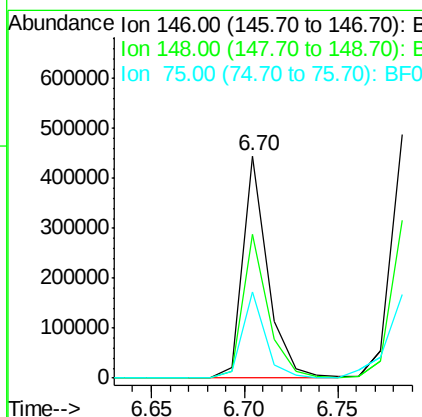
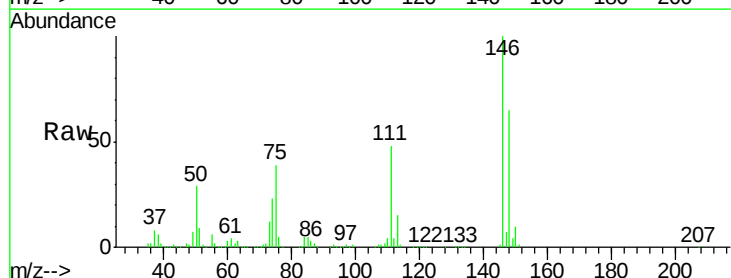
Manual Integrations
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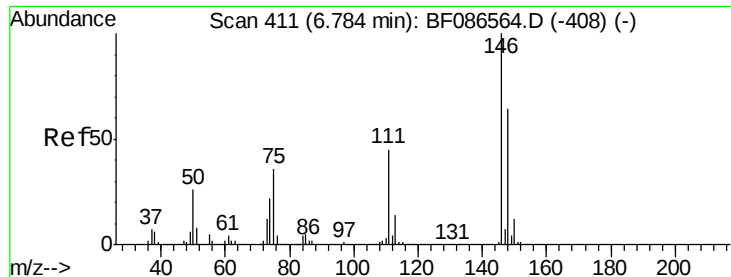
sohil
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#12
1,3-Dichlorobenzene
Concen: 38.41 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.8	52.4	78.6
75	38.9	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 39.93 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

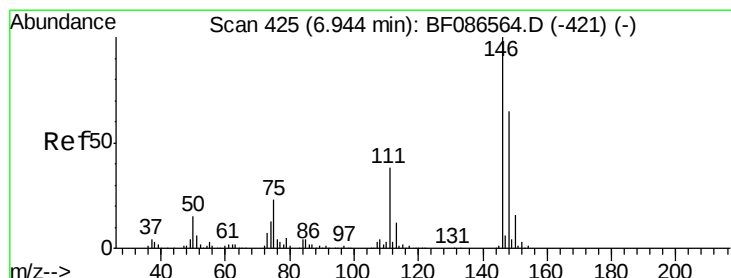
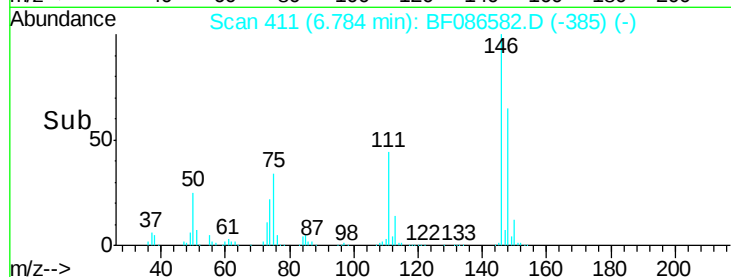
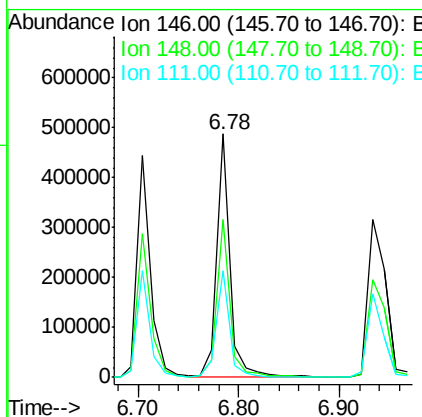
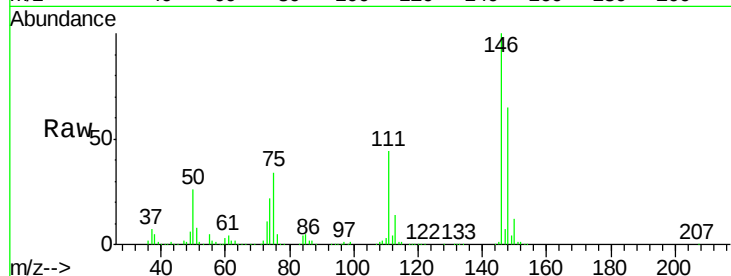
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:	146	Resp:	447848
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.4
111	43.9	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 38.02 ng

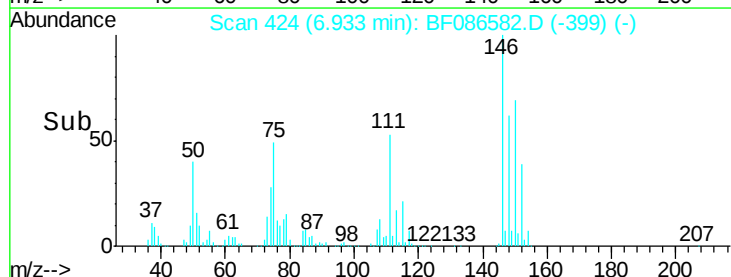
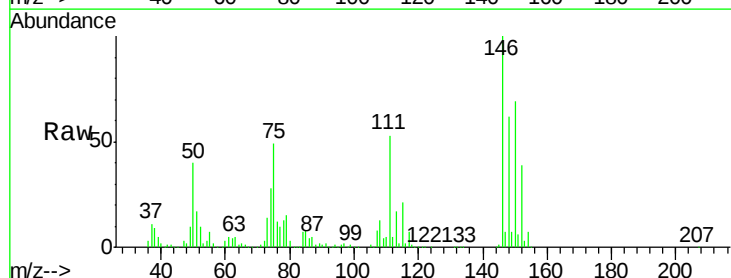
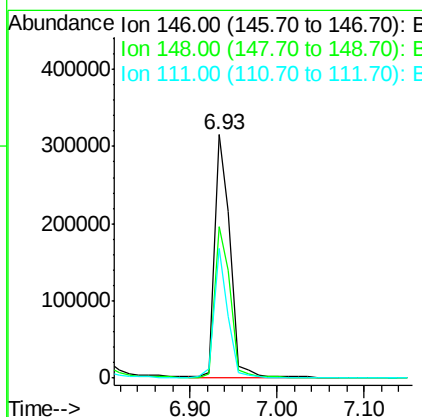
RT: 6.93 min Scan# 424

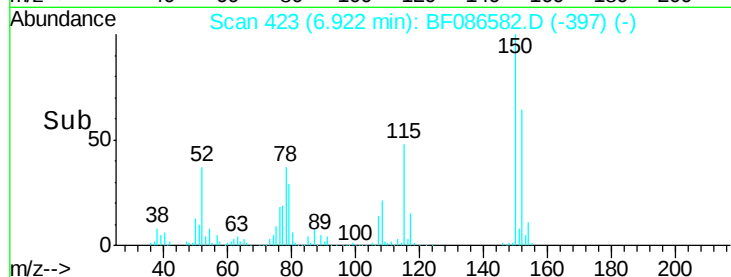
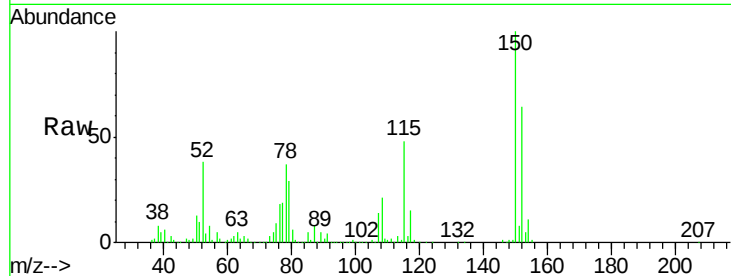
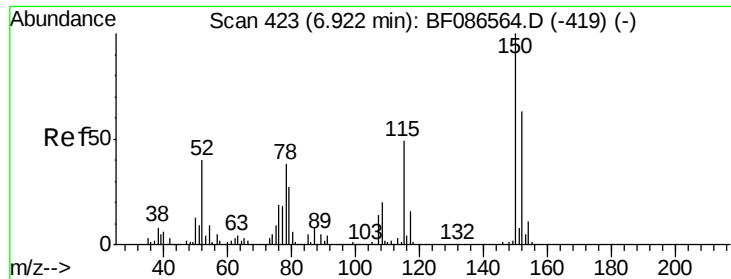
Delta R.T. -0.01 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion:	146	Resp:	391006
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.0	76.6
111	53.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 44.20 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion:	79	Resp:	316594
Ion Ratio	Lower	Upper	
79	100		
108	73.1	68.4	102.6
77	66.4	50.6	76.0

Instrument :

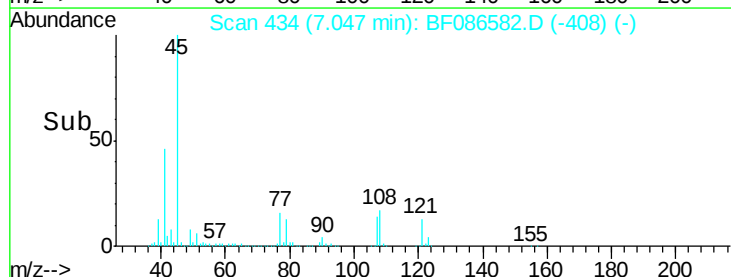
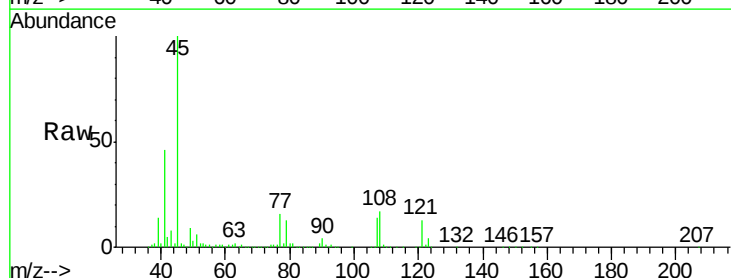
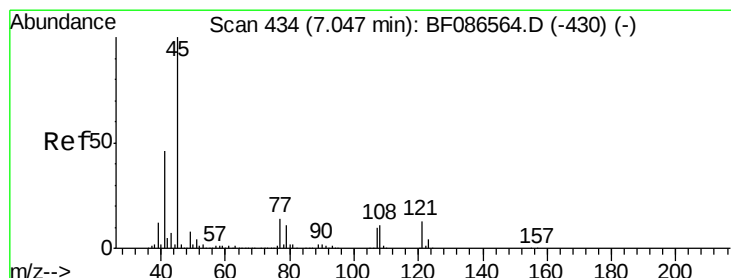
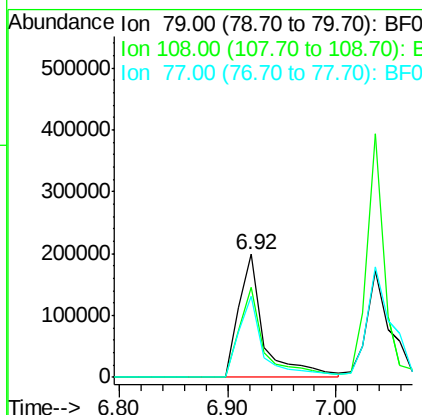
BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.35 ng

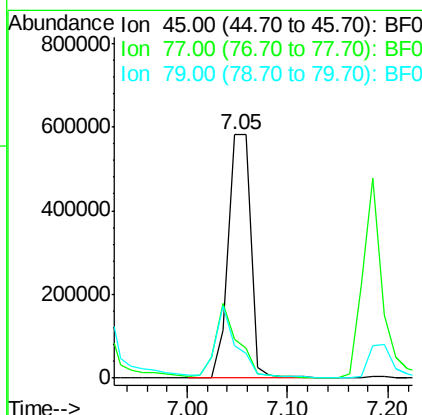
RT: 7.05 min Scan# 434

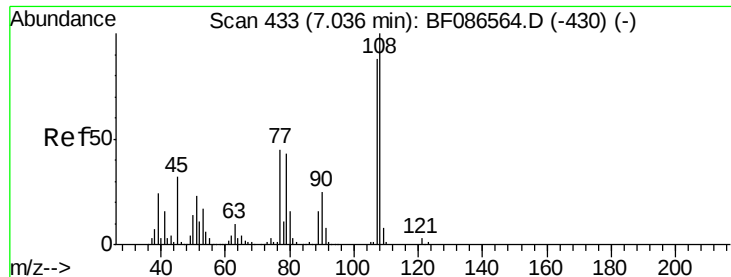
Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion:	45	Resp:	903853
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	36.4
79	13.5	0.0	33.4





#17

2-Methylphenol

Concen: 46.95 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086582.D

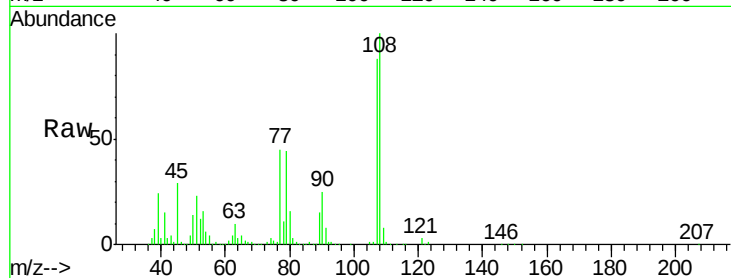
Acq: 1 May 2016 20:44

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion:107 Resp: 383445

Ion Ratio Lower Upper

107 100

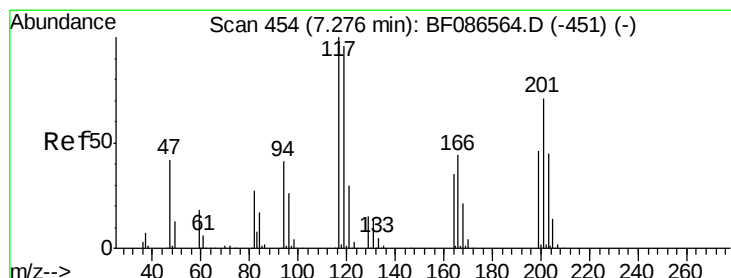
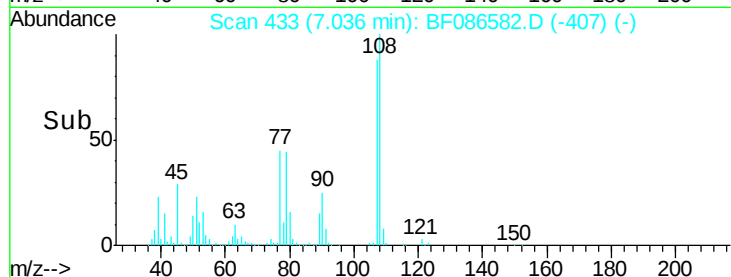
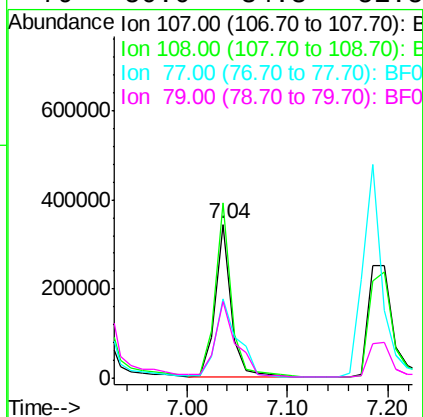
108 114.0 93.7 140.5

77 51.7 33.4 50.0#

79 50.0 34.3 51.5

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#18

Hexachloroethane

Concen: 39.33 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

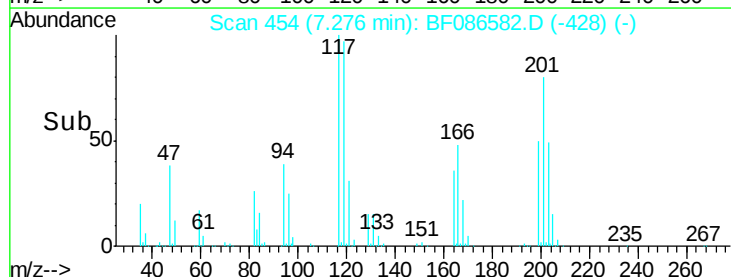
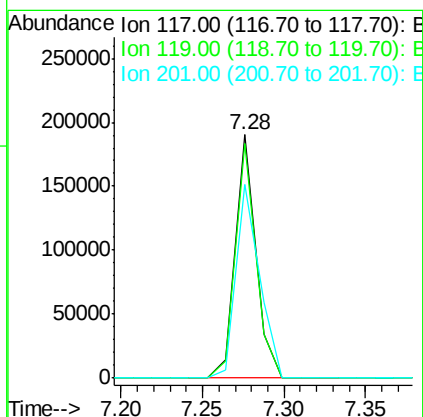
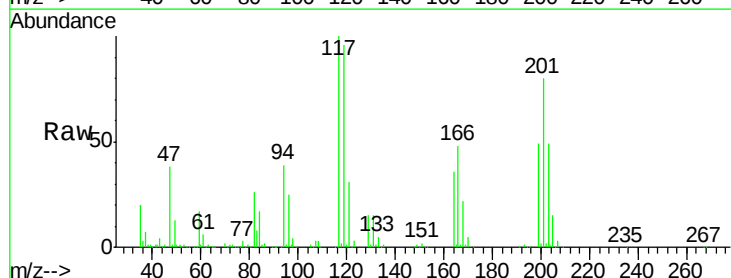
Tgt Ion:117 Resp: 164810

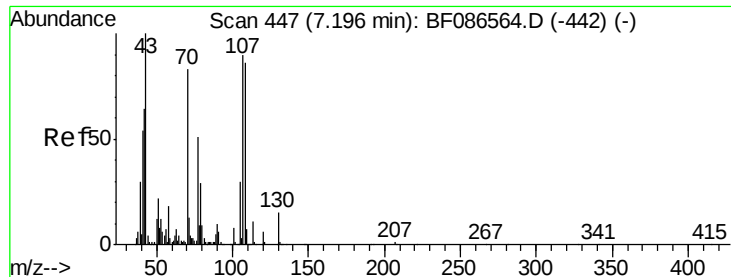
Ion Ratio Lower Upper

117 100

119 96.4 76.5 114.7

201 79.7 63.0 94.6





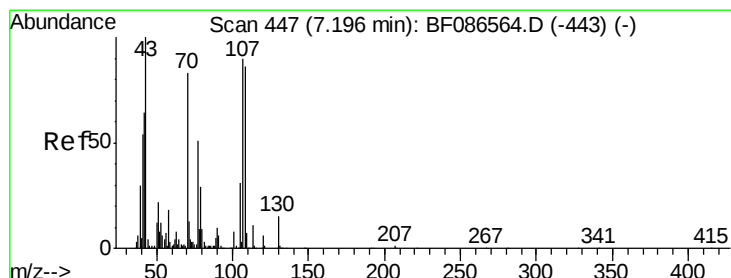
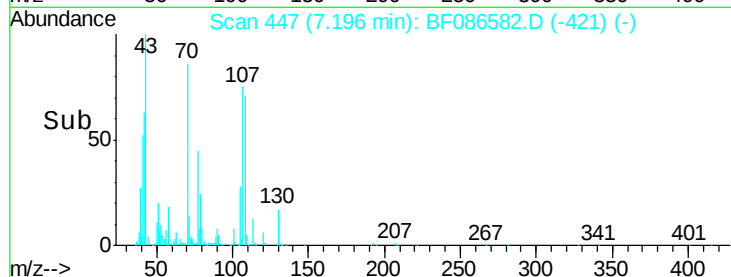
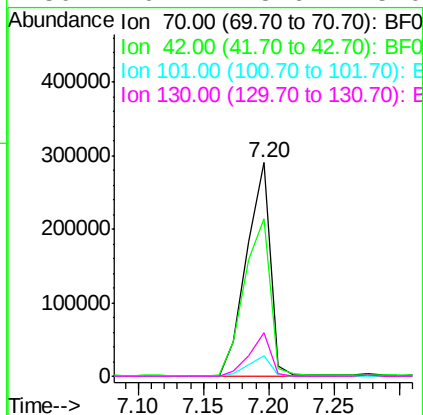
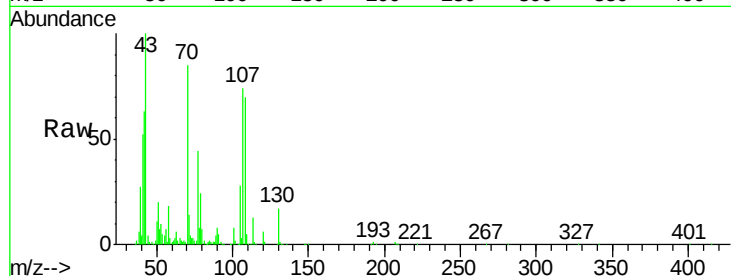
#19
n-Nitroso-di-n-propylamine
Concen: 49.43 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	369988		
42	73.7	43.1	64.7#	
101	9.3	8.1	12.1	
130	20.2	18.6	28.0	

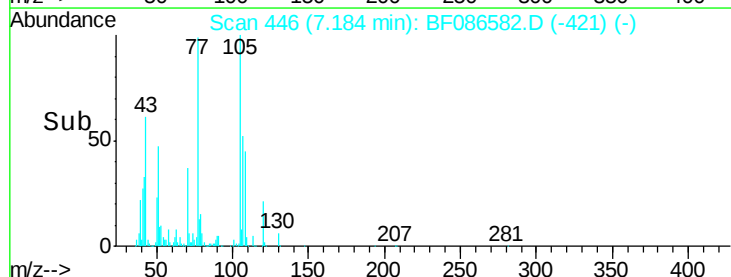
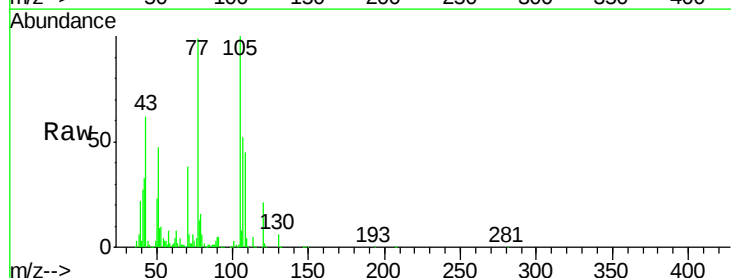
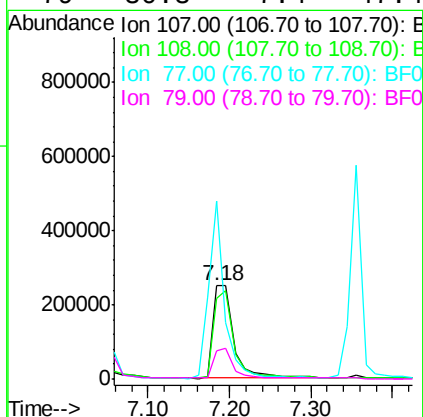
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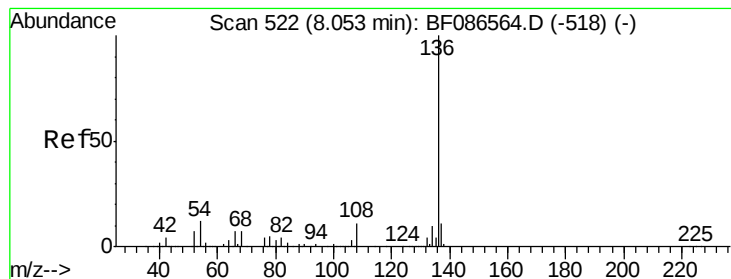
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#20
3+4-Methylphenols
Concen: 48.34 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	450746		
108	86.2	68.5	108.5	
77	190.0	101.6	141.6#	
79	30.3	7.4	47.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086582.D

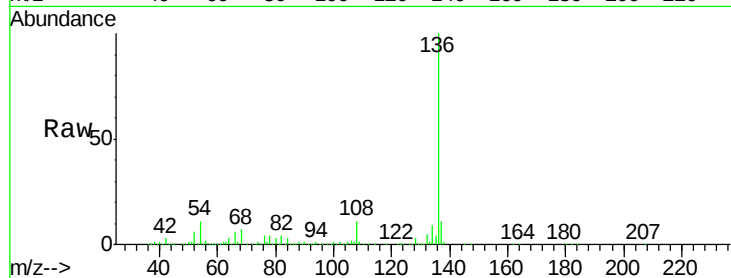
Acq: 1 May 2016 20:44

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion:136 Resp: 608897

Ion Ratio Lower Upper

136 100

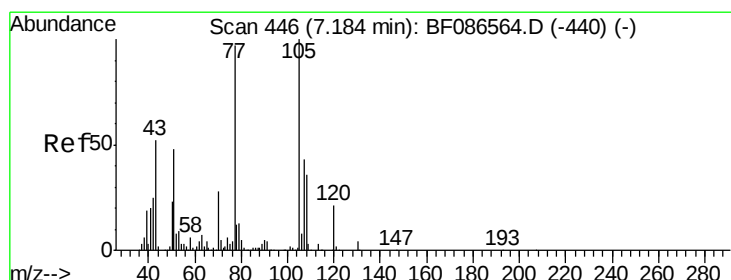
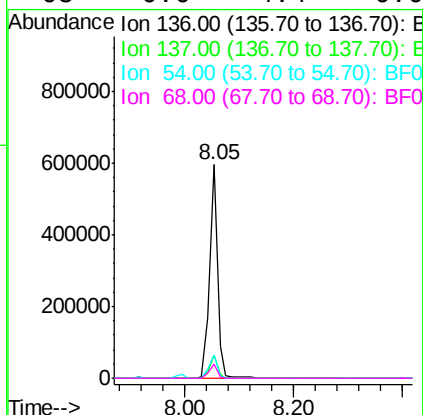
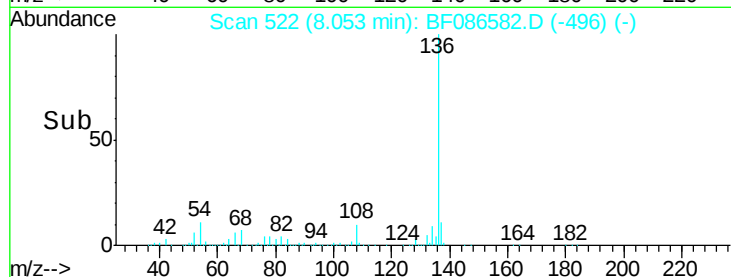
137 11.1 8.8 13.2

54 11.1 5.0 7.4#

68 6.6 4.4 6.6#

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#22

Acetophenone

Concen: 47.68 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion:105 Resp: 636557

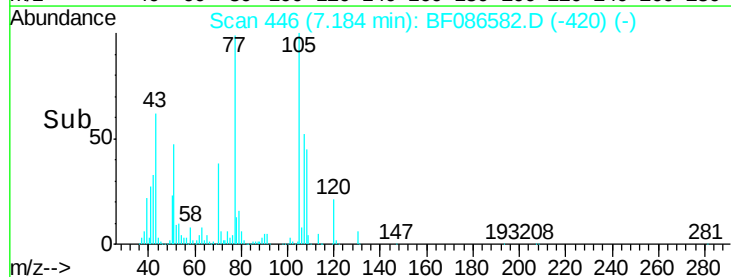
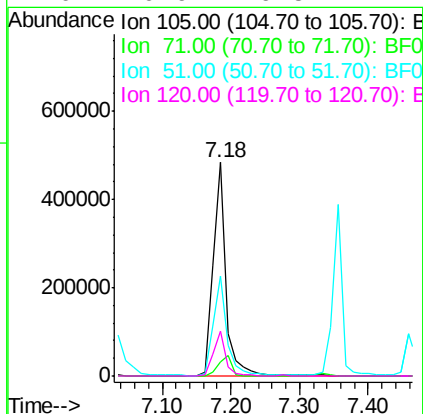
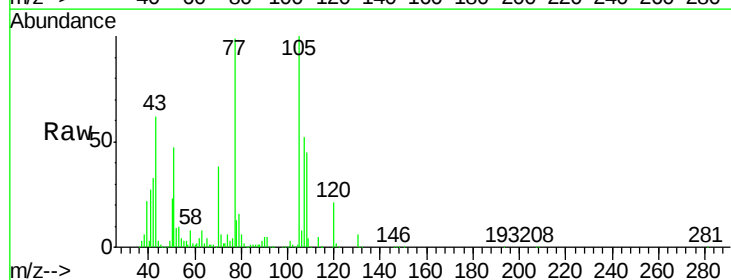
Ion Ratio Lower Upper

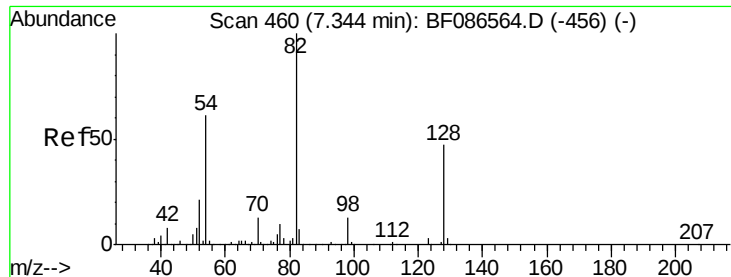
105 100

71 6.3 4.8 7.2

51 47.0 32.6 49.0

120 20.9 16.5 24.7





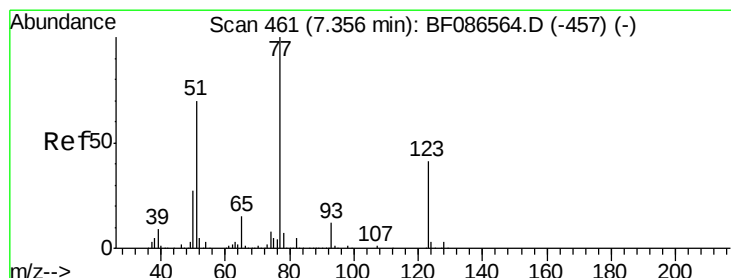
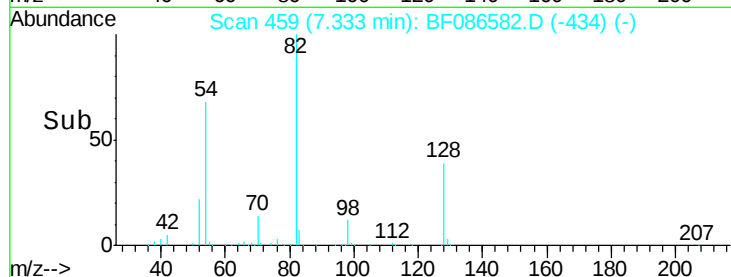
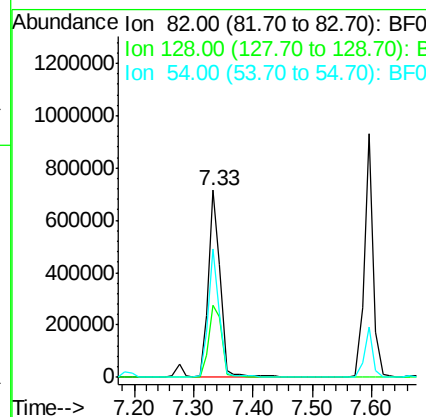
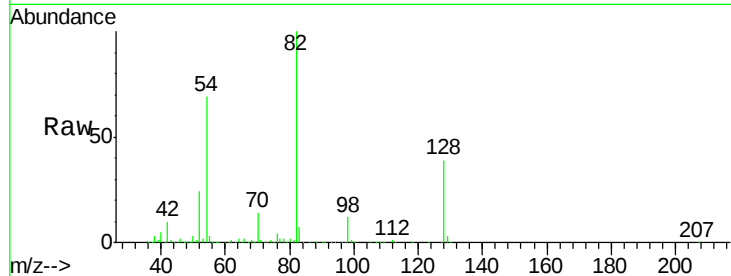
#23
Nitrobenzene-d5
Concen: 90.61 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion: 82 Resp: 1023612
Ion Ratio Lower Upper
82 100
128 38.8 40.6 61.0#
54 68.8 38.1 57.1#

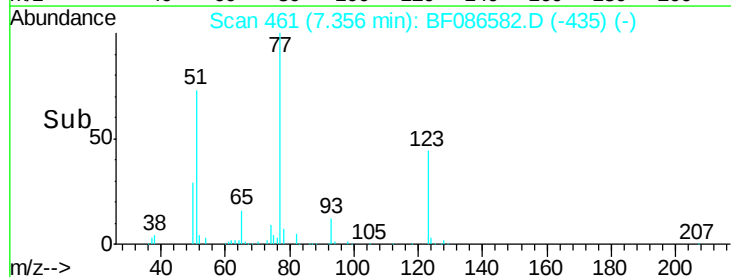
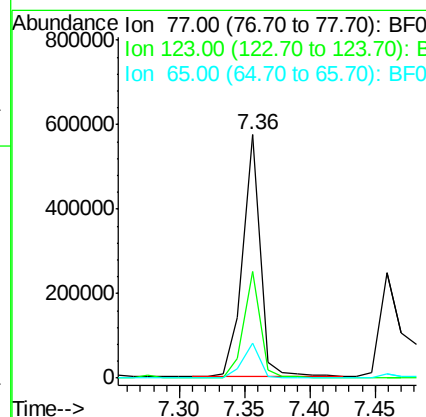
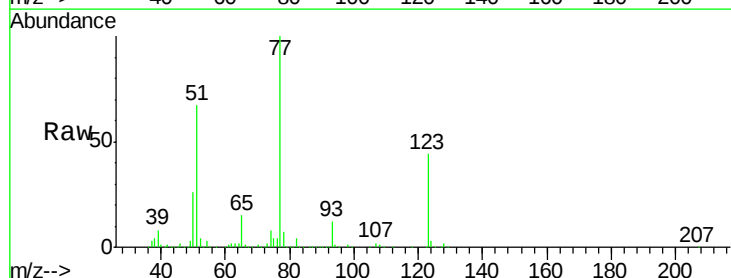
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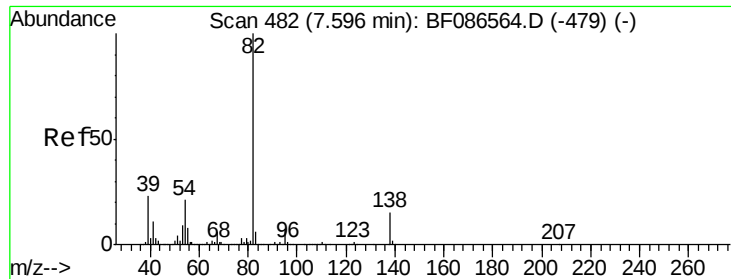
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#24
Nitrobenzene
Concen: 46.18 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion: 77 Resp: 536588
Ion Ratio Lower Upper
77 100
123 43.7 33.0 49.4
65 14.6 10.8 16.2





#25

Isophorone

Concen: 43.58 ng

RT: 7.60 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

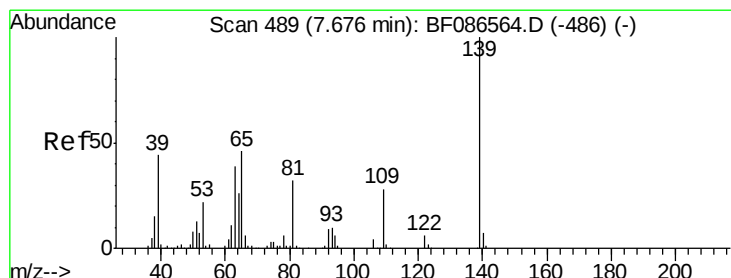
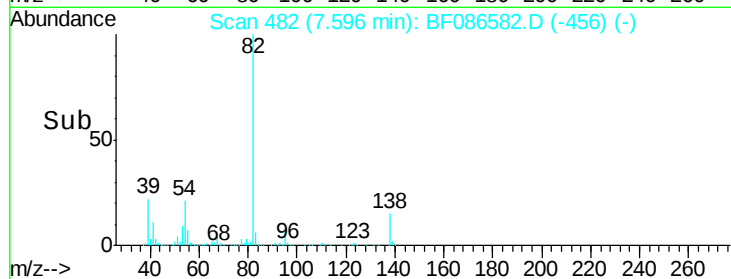
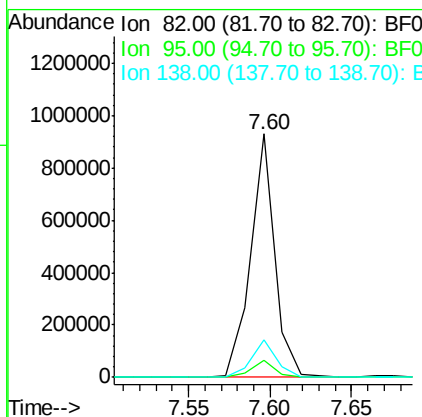
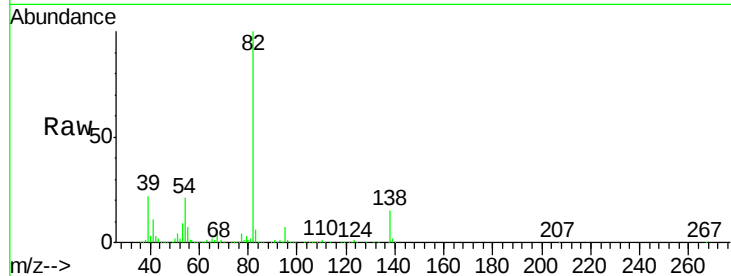
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:	82	Resp:	947512
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	15.4	12.4	18.6

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#26

2-Nitrophenol

Concen: 46.29 ng

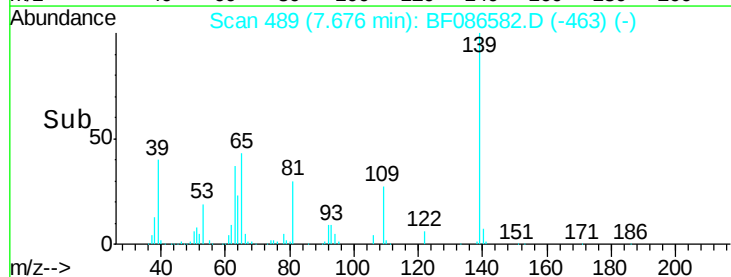
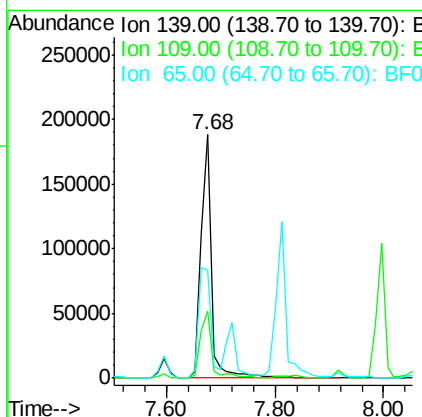
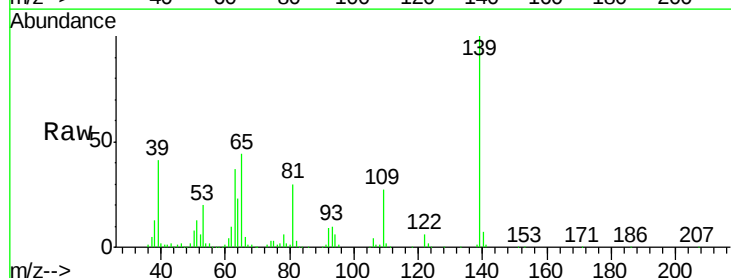
RT: 7.68 min Scan# 489

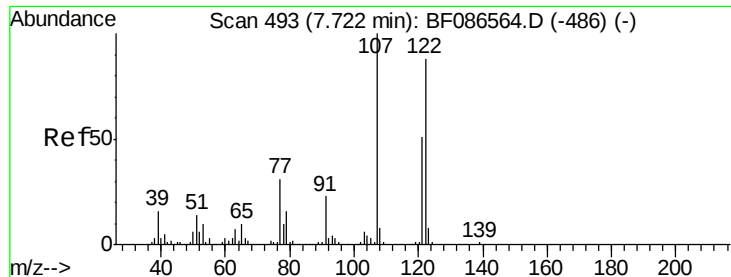
Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion:	139	Resp:	247653
Ion Ratio	Lower	Upper	
139	100		
109	27.4	19.5	29.3
65	44.2	37.5	56.3





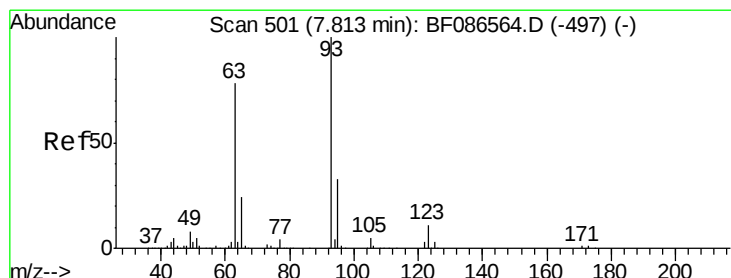
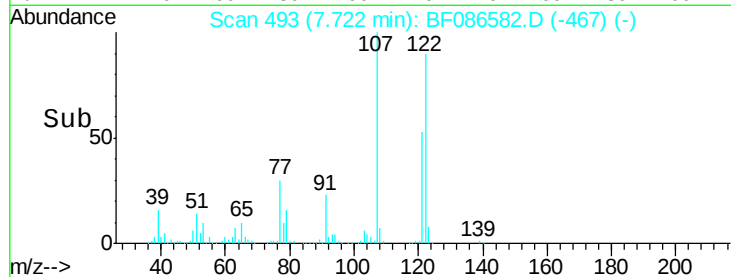
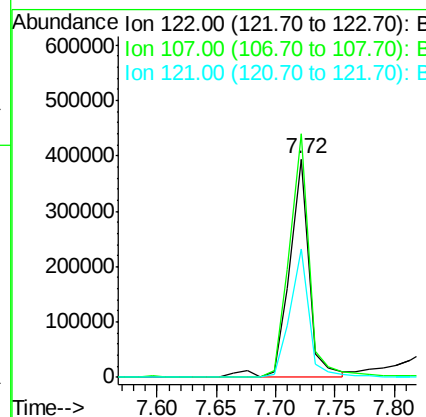
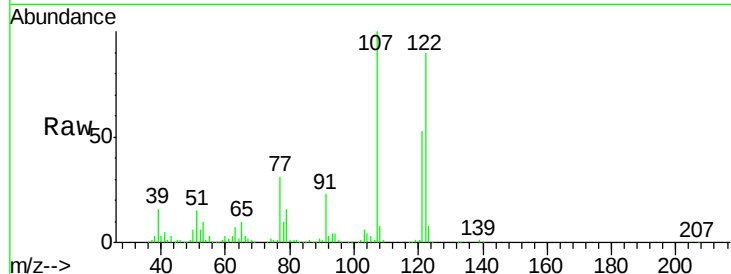
#27
 2,4-Dimethylphenol
 Concen: 47.89 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	449622		
107	111.5	82.0	123.0	
121	58.6	46.1	69.1	

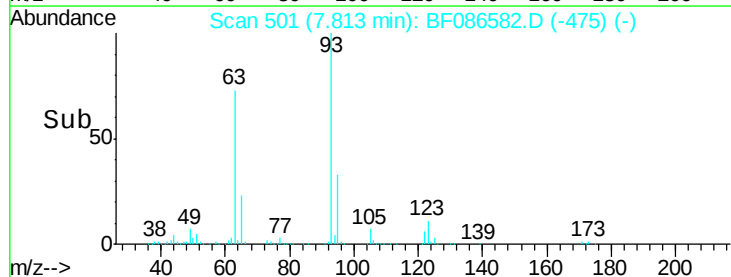
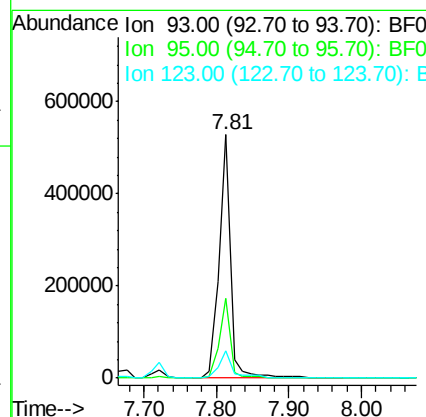
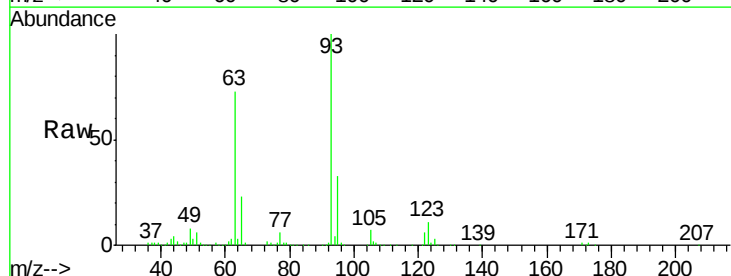
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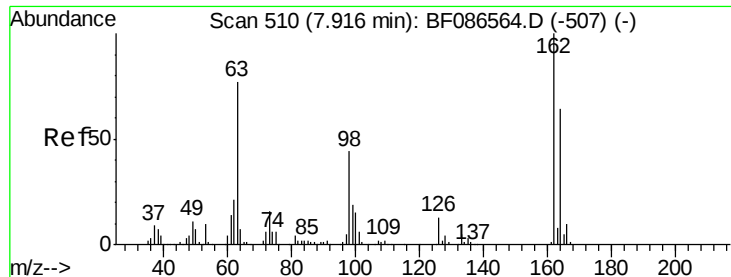
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.71 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	576965		
95	33.0	26.0	39.0	
123	11.2	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 48.18 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

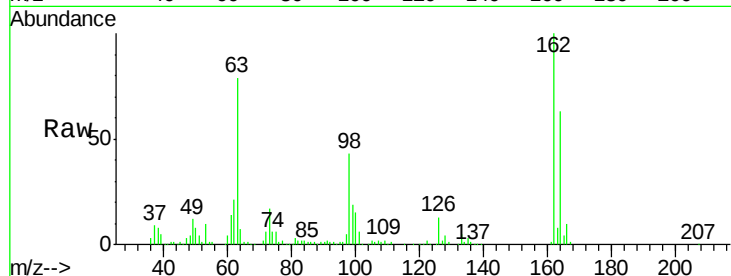
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

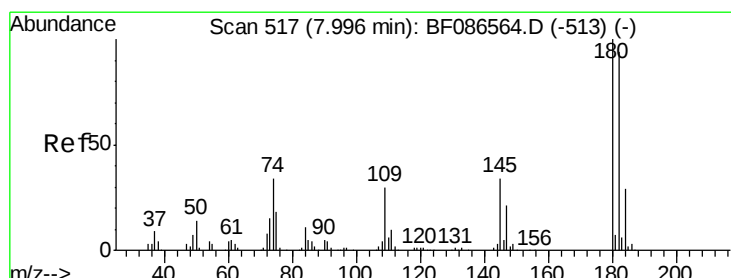
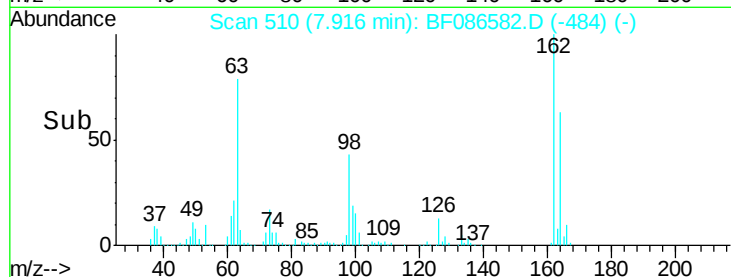
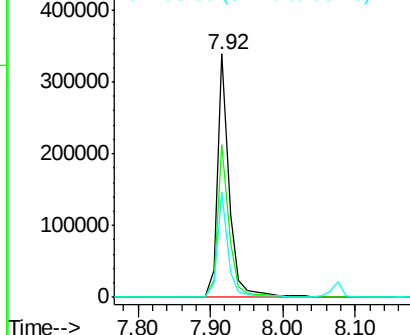
Tgt Ion:	162	Resp:	381600
Ion Ratio	Lower	Upper	
162	100		
164	62.6	42.2	82.2
98	43.2	19.0	59.0

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.87 ng

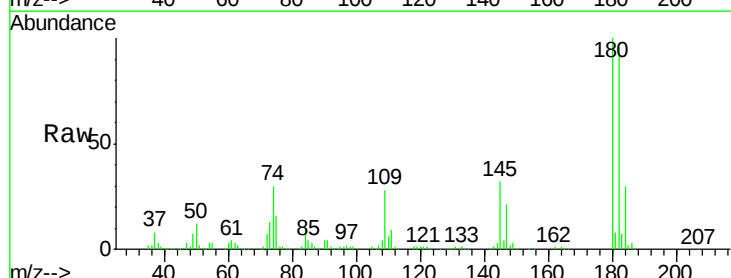
RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

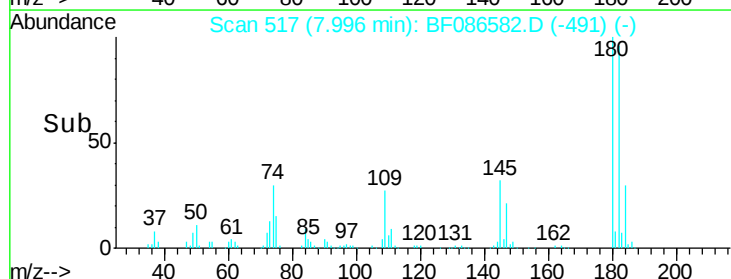
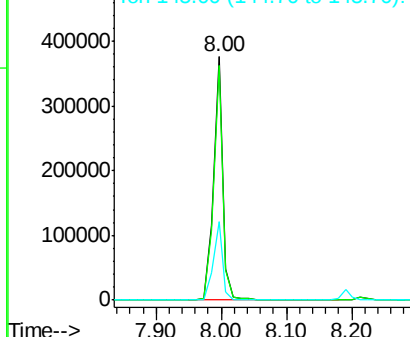
Lab File: BF086582.D

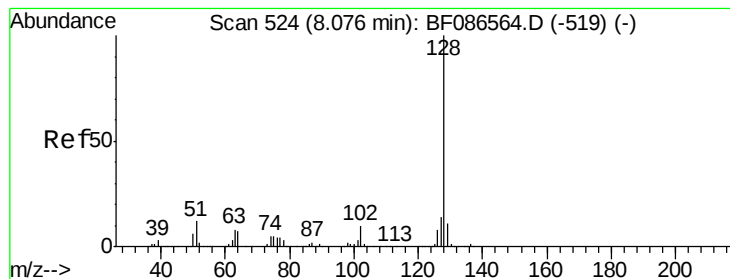
Acq: 1 May 2016 20:44

Tgt Ion:	180	Resp:	384778
Ion Ratio	Lower	Upper	
180	100		
182	96.3	78.0	117.0
145	32.5	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.25 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:128 Resp: 1432835

Ion Ratio Lower Upper

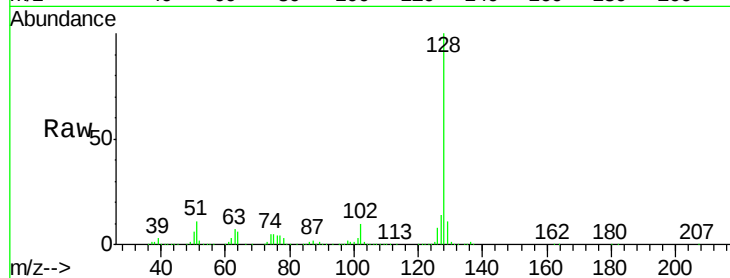
128 100

129 11.4 8.6 13.0

127 13.9 10.8 16.2

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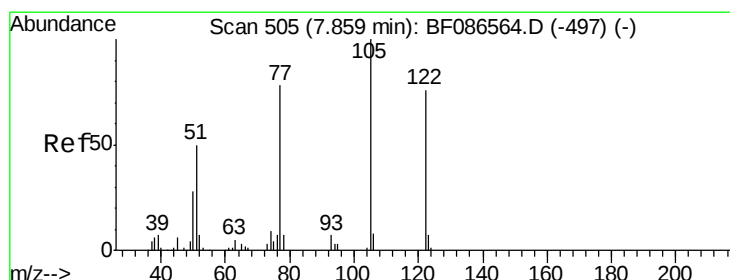
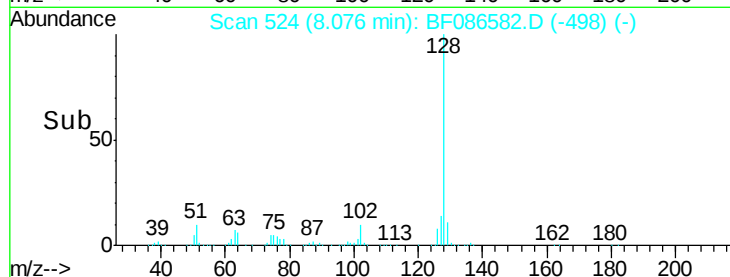
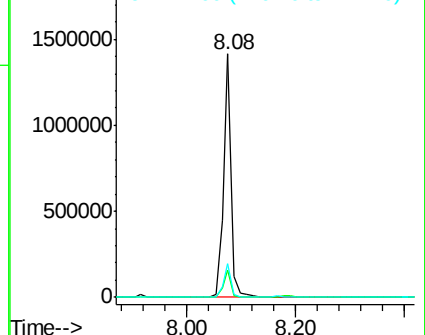
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.70 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

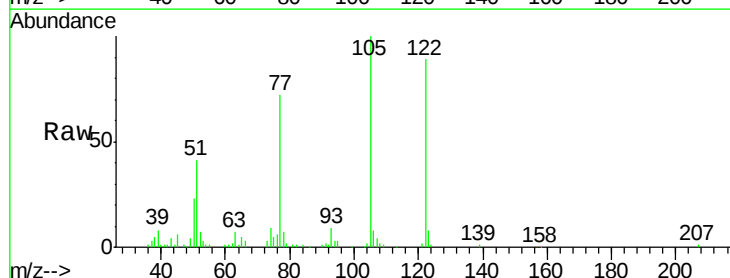
Tgt Ion:122 Resp: 235967

Ion Ratio Lower Upper

122 100

105 112.7 92.6 132.6

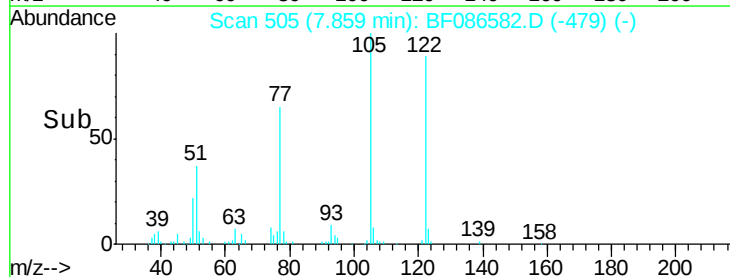
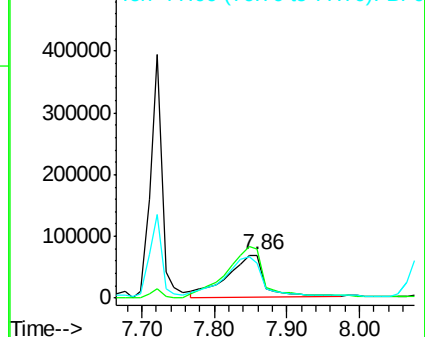
77 81.7 60.0 100.0

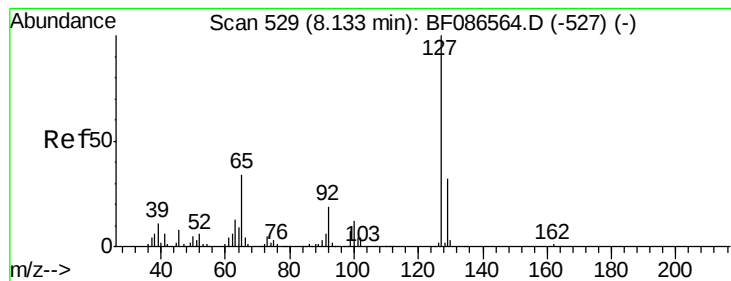


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 2.03 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.03 min

Lab File: BF086582.D

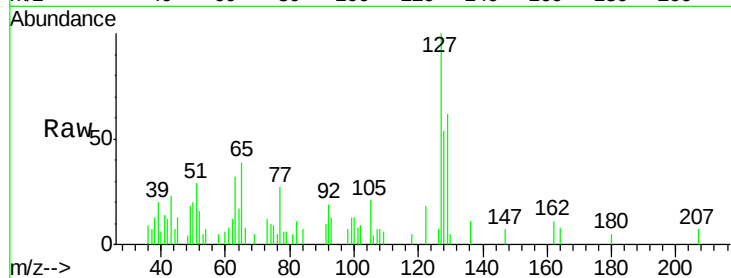
Acq: 1 May 2016 20:44

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion:127 Resp: 23515

Ion Ratio Lower Upper

127 100

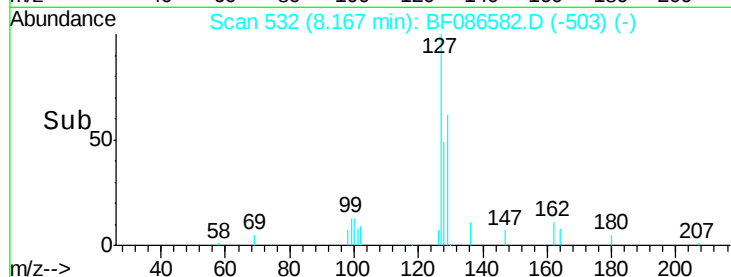
129 61.9 26.2 39.4#

65 38.5 23.0 34.4#

92 18.9 15.1 22.7

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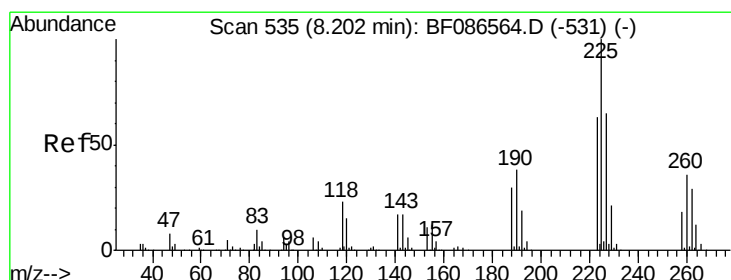
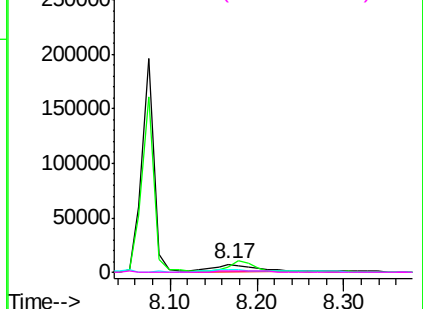


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

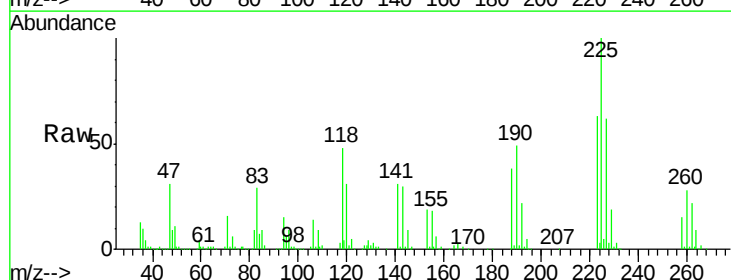
Concen: 39.66 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44



Tgt Ion:225 Resp: 204284

Ion Ratio Lower Upper

225 100

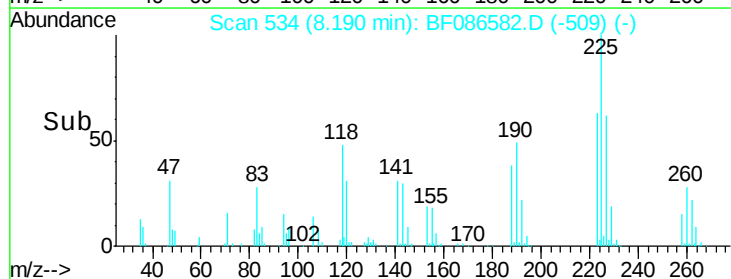
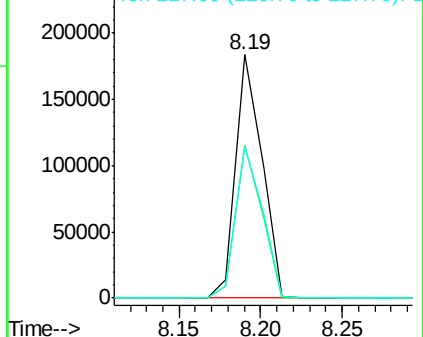
223 62.8 51.5 77.3

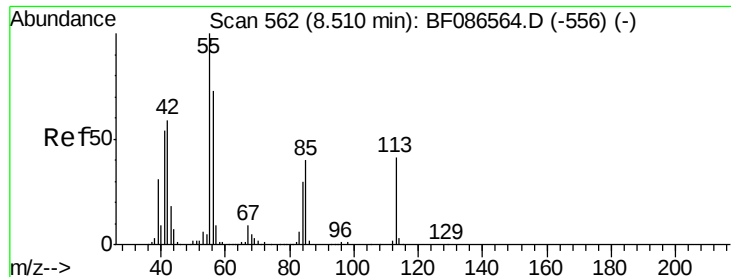
227 62.1 52.2 78.2

Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





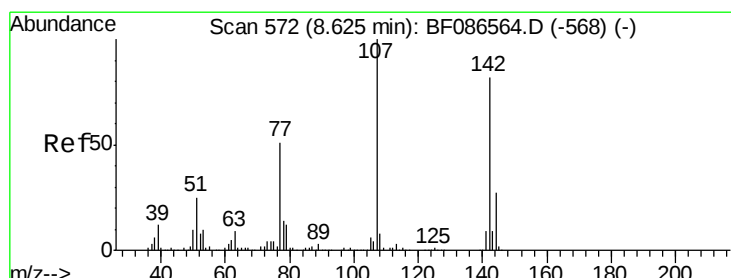
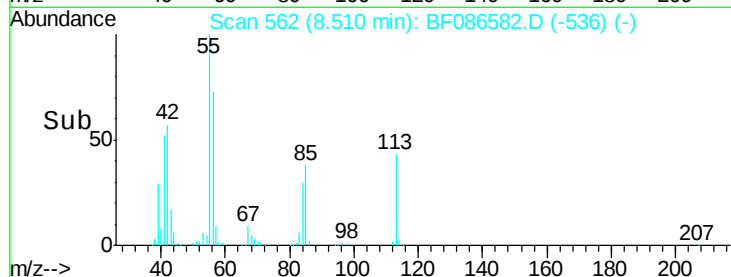
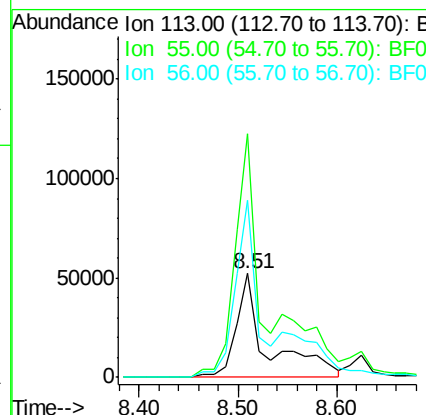
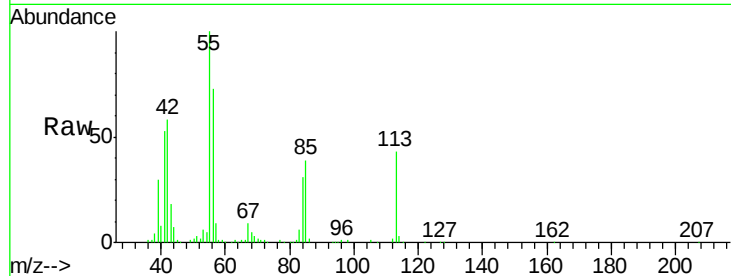
#35
 Caprolactam
 Concen: 43.72 ng m
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	234.7	162.0	202.0#	
56	170.5	115.3	155.3#	

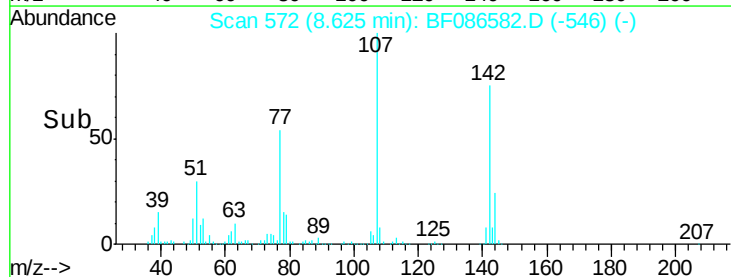
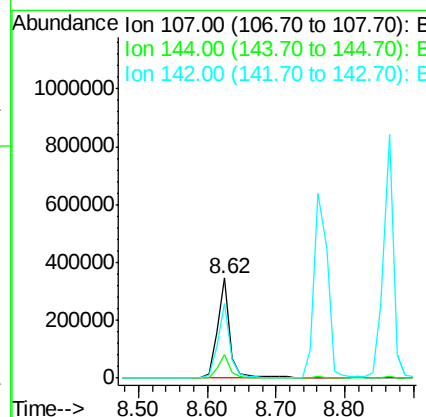
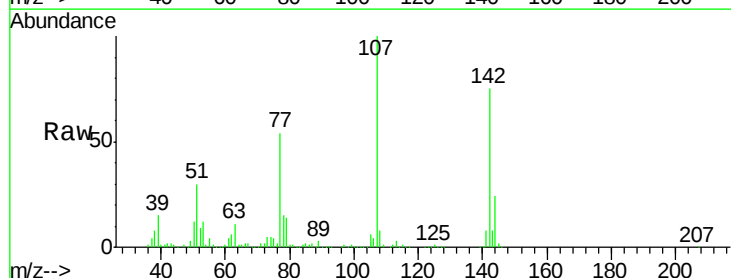
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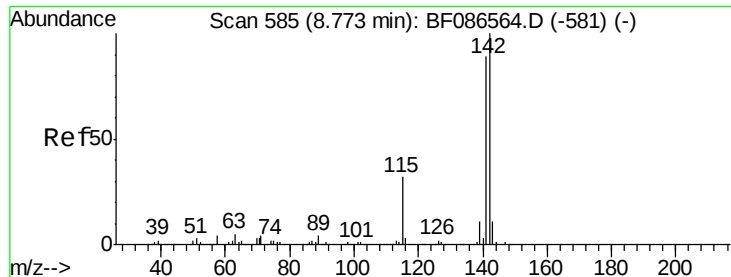
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#36
 4-Chloro-3-methylphenol
 Concen: 49.25 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.9	20.7	31.1	
142	74.5	63.2	94.8	





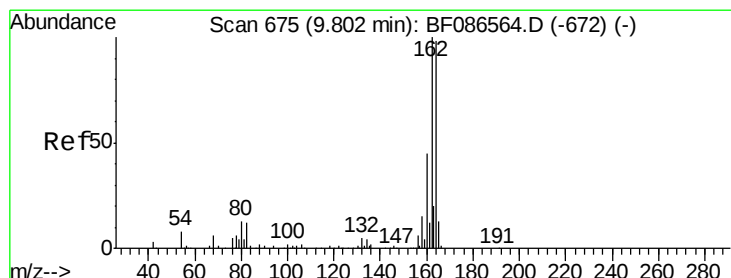
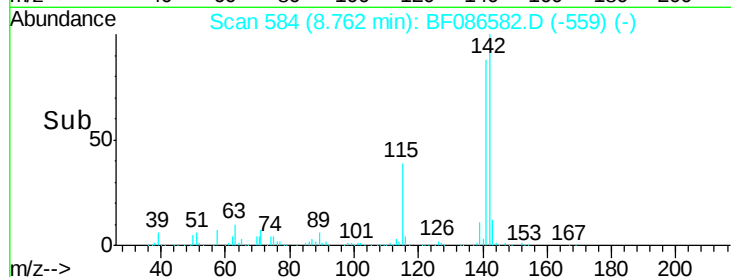
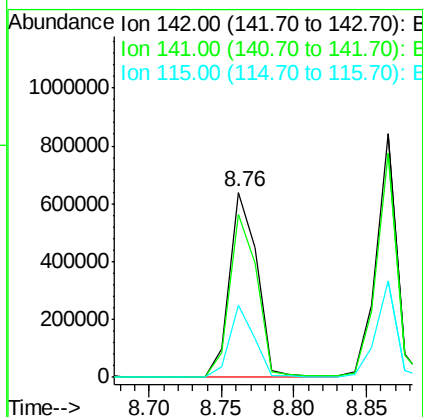
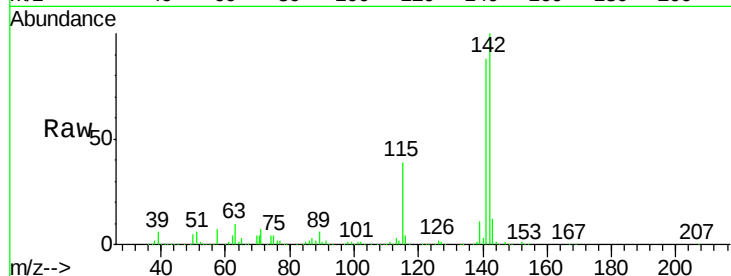
#37
2-Methylnaphthalene
Concen: 46.35 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	847397		
141	88.5	71.0	106.6	
115	38.7	26.6	39.8	

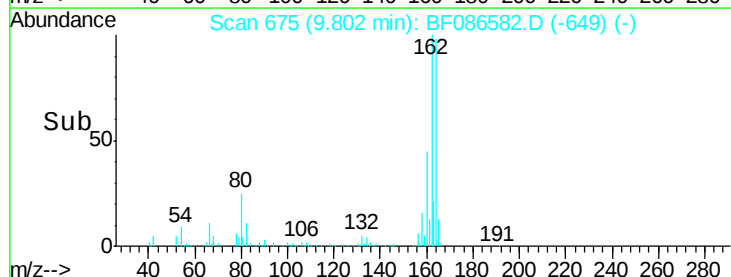
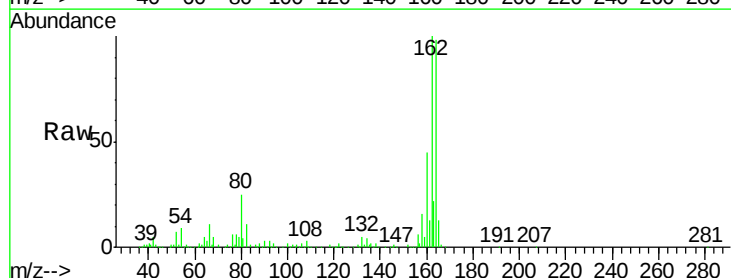
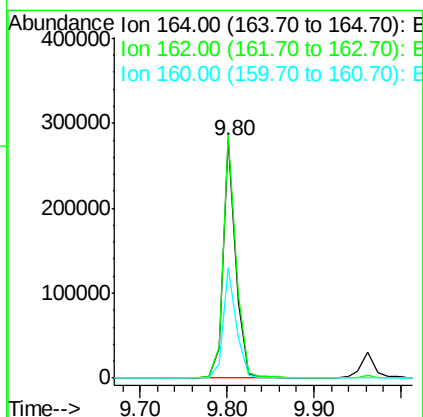
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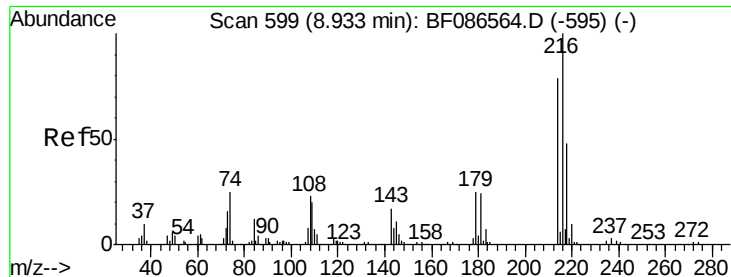
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	287854		
162	102.3	82.8	124.2	
160	46.2	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.54 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

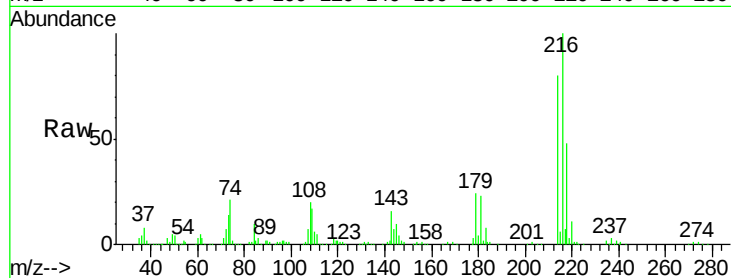
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

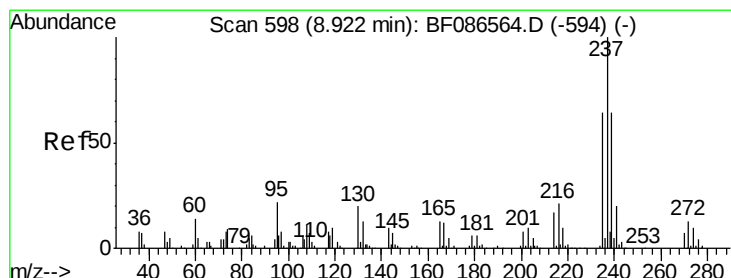
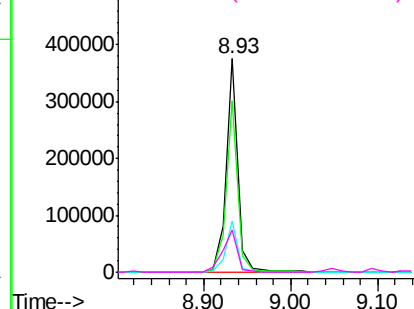
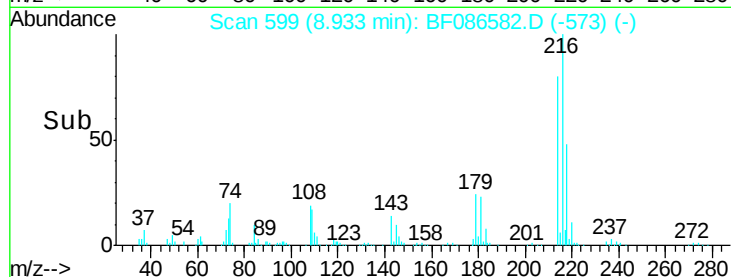
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	358745		
214	79.6	62.6	93.8	
179	24.0	18.2	27.4	
108	25.4	17.5	26.3	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.51 ng

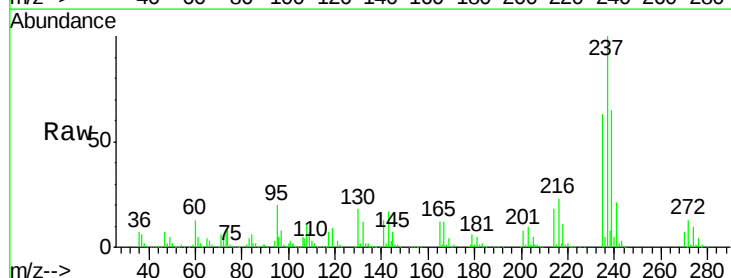
RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

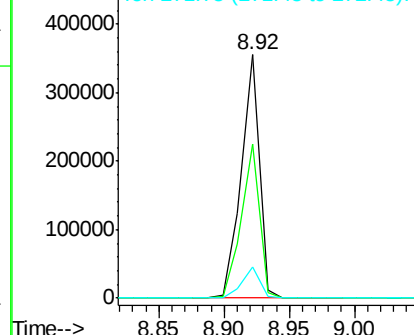
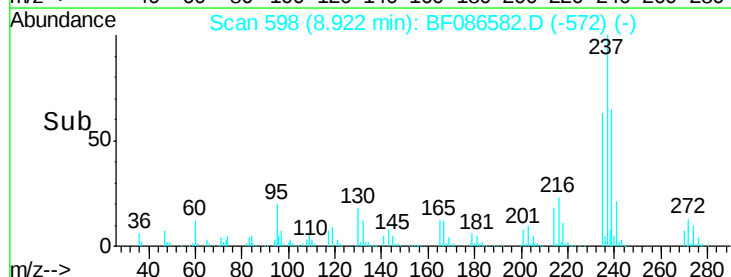
Lab File: BF086582.D

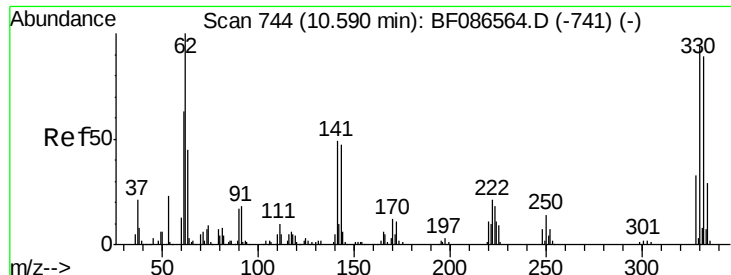
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	341931		
235	63.2	47.2	87.2	
272	13.0	0.0	31.1	



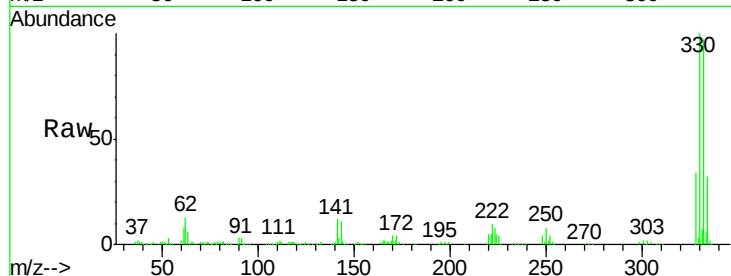
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41
 2,4,6-Tribromophenol
 Concen: 151.16 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

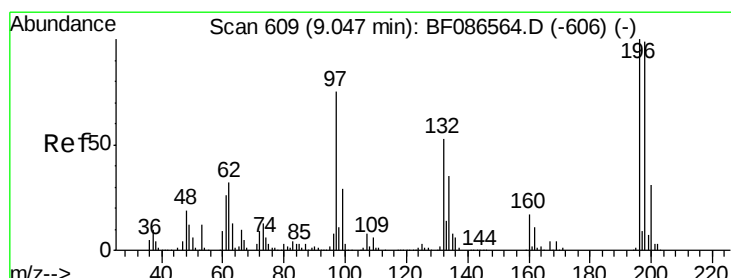
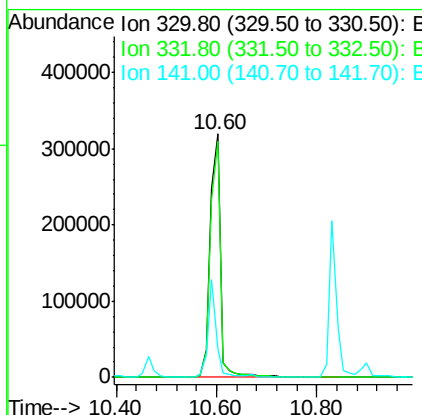
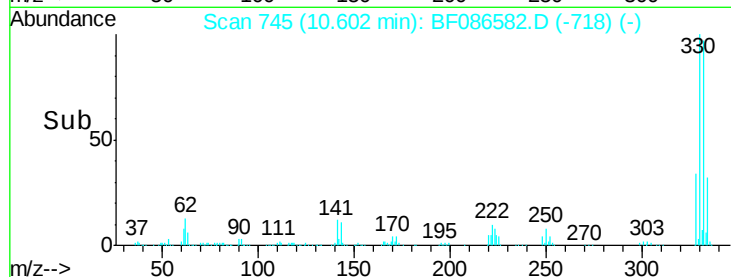
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	458865		
332	95.0	79.0	118.4	
141	30.9	31.2	46.8#	

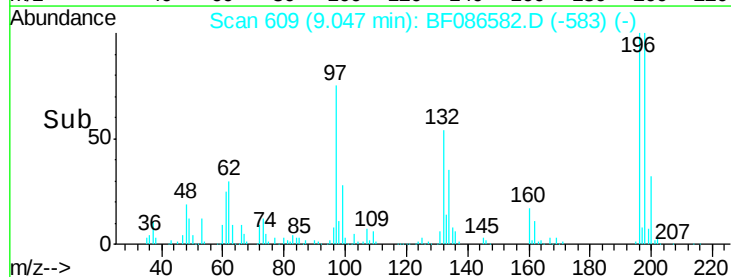
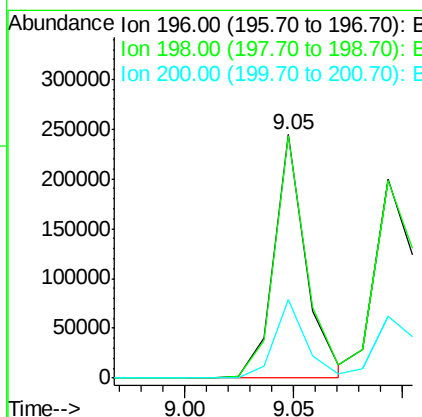
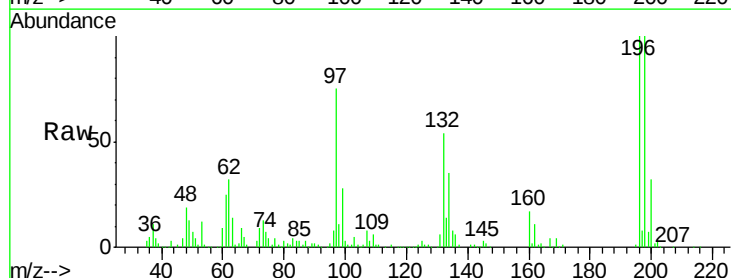
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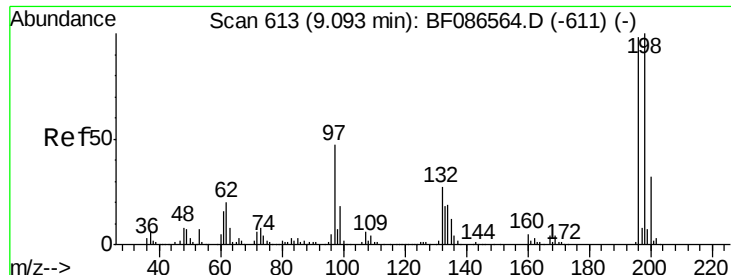
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#42
 2,4,6-Trichlorophenol
 Concen: 48.24 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	251230		
198	99.7	74.7	112.1	
200	32.1	23.8	35.6	





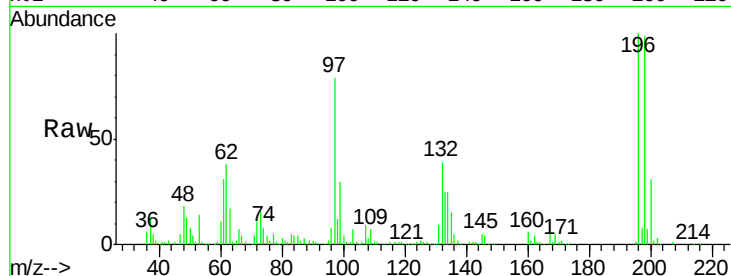
#43
 2,4,5-Trichlorophenol
 Concen: 45.92 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260673		
198	99.5	77.5	116.3	
97	79.3	34.8	52.2	
132	39.2	23.0	34.4	

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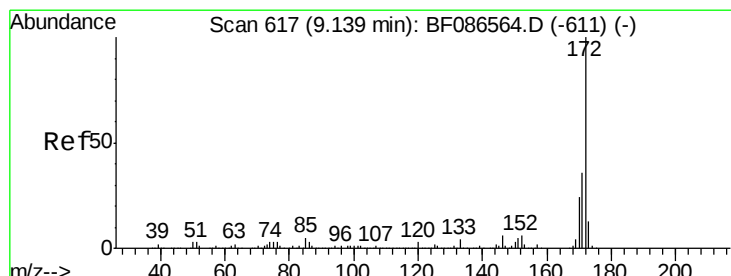
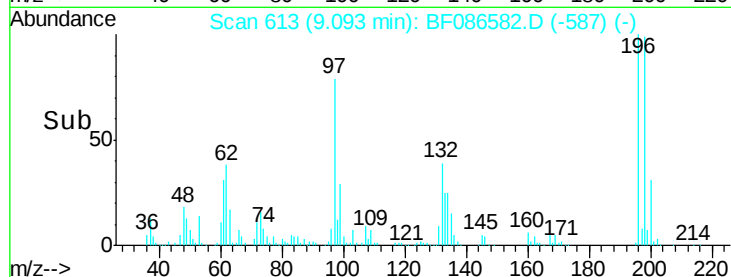
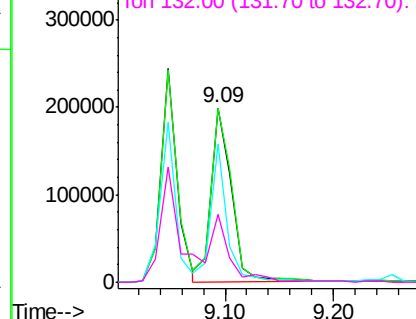
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.82 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

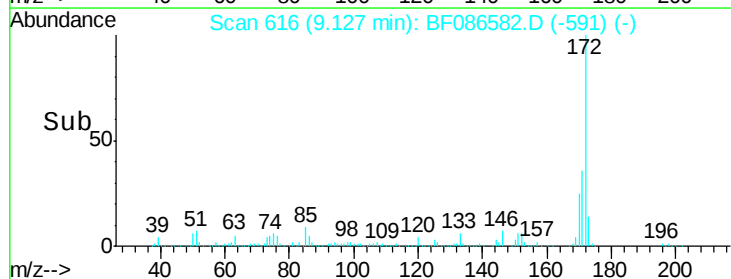
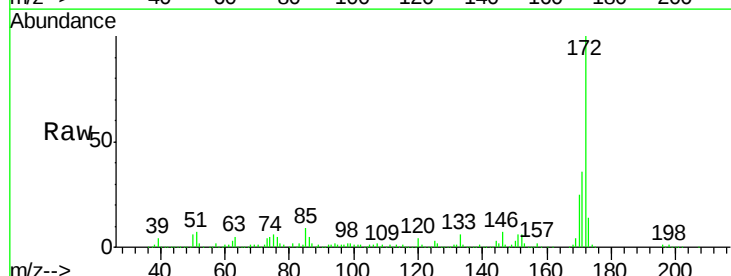
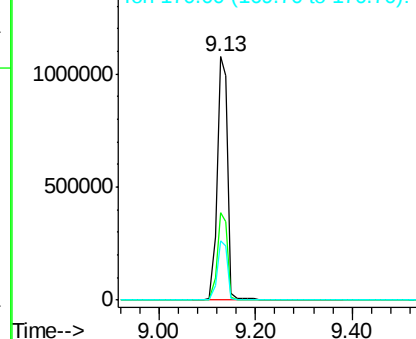
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1667110		
171	36.1	29.0	43.6	
170	24.6	19.8	29.8	

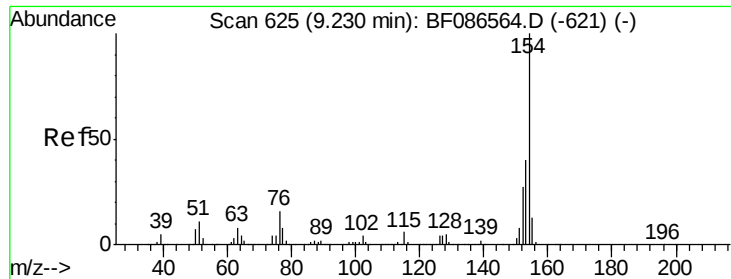
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





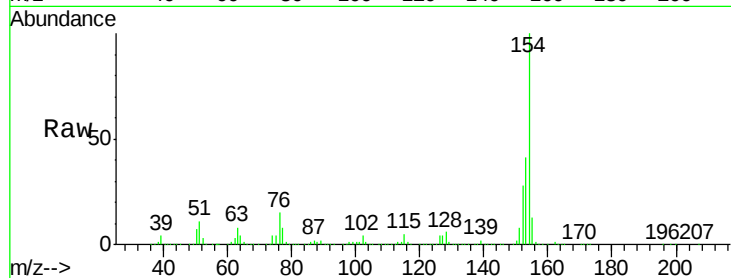
#45
 1,1'-Biphenyl
 Concen: 43.40 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

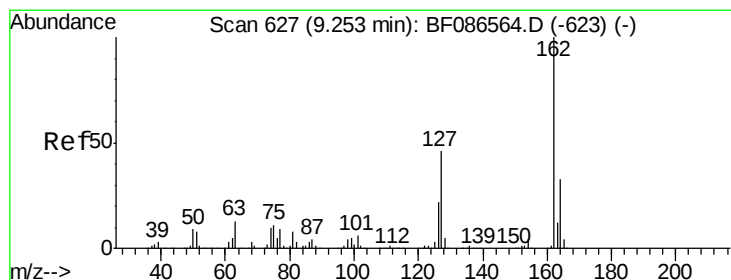
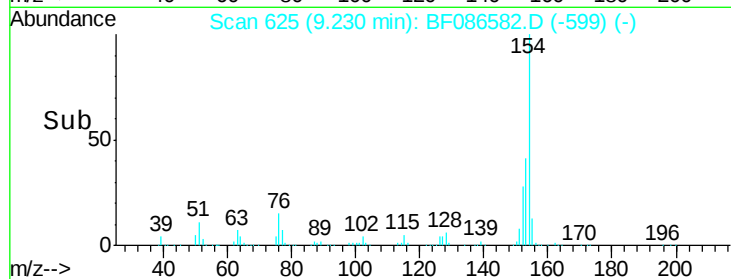
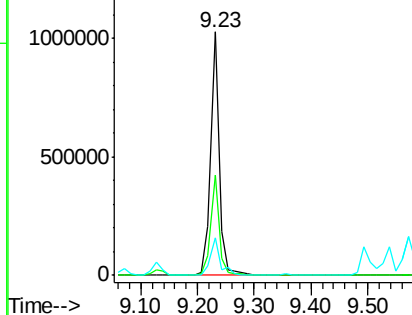
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.3	60.3
76	15.3	0.0	30.2

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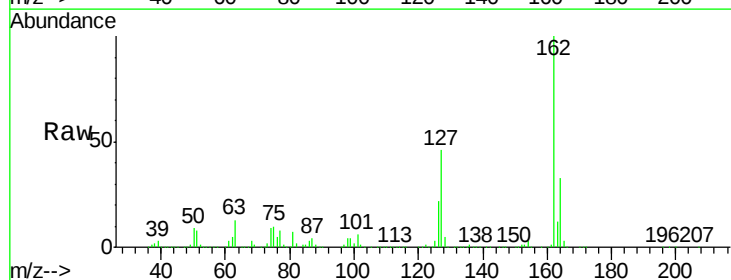


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

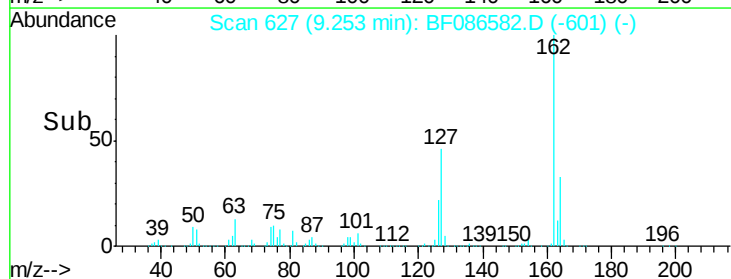
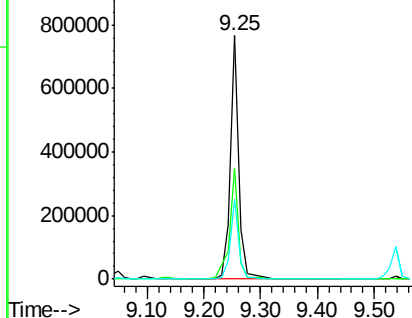


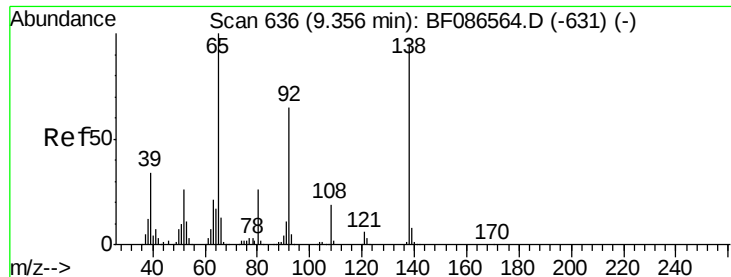
#46
 2-Chloronaphthalene
 Concen: 43.71 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.5	31.8	47.6
164	32.8	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





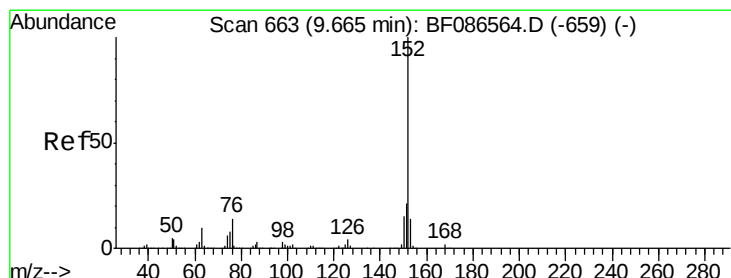
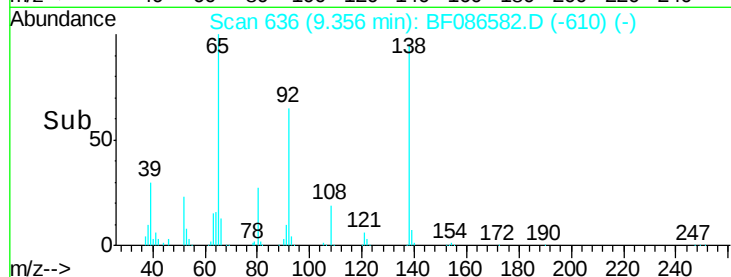
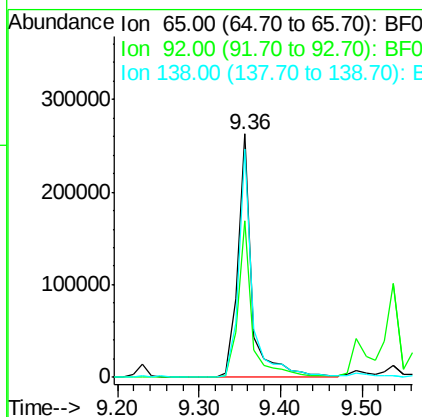
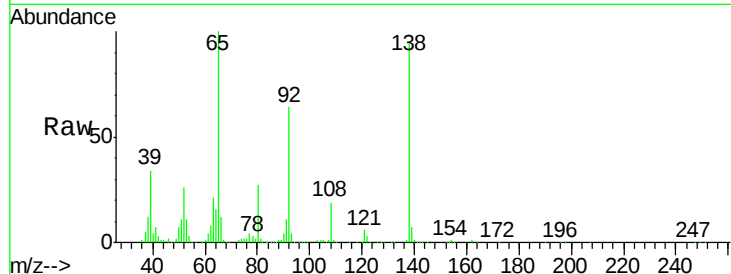
#47
 2-Nitroaniline
 Concen: 54.82 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	57.4	86.2
138	93.8	90.1	135.1

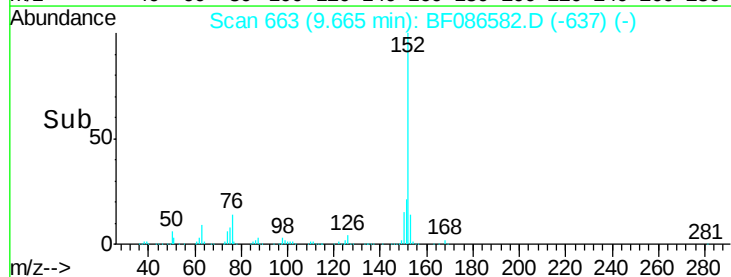
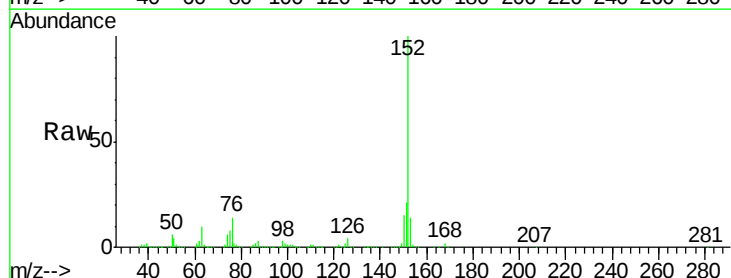
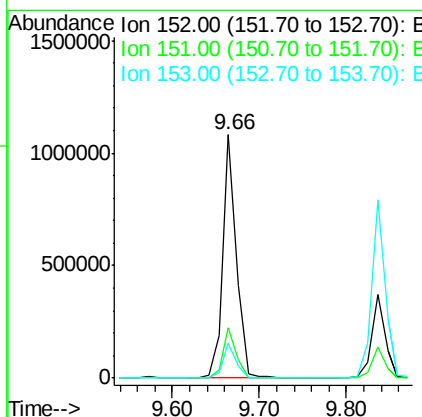
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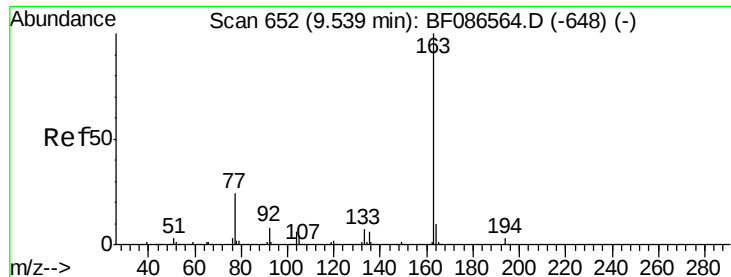
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#48
 Acenaphthylene
 Concen: 41.78 ng
 RT: 9.66 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.4	10.9	16.3





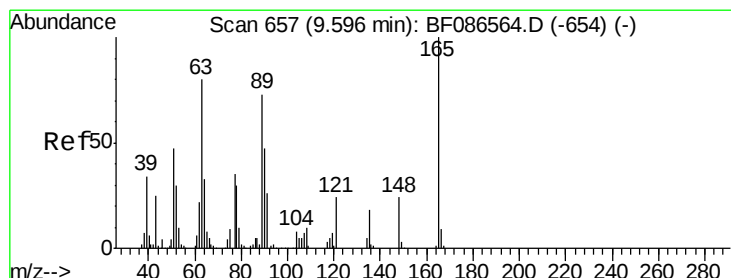
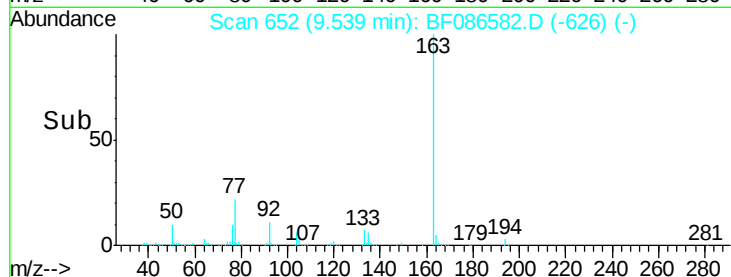
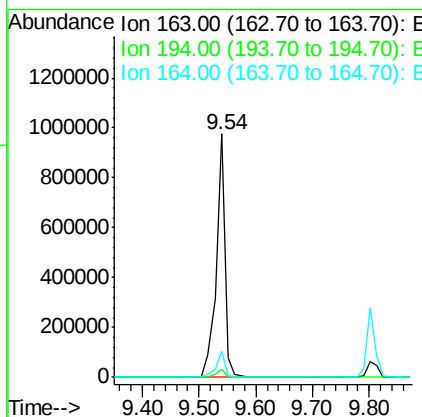
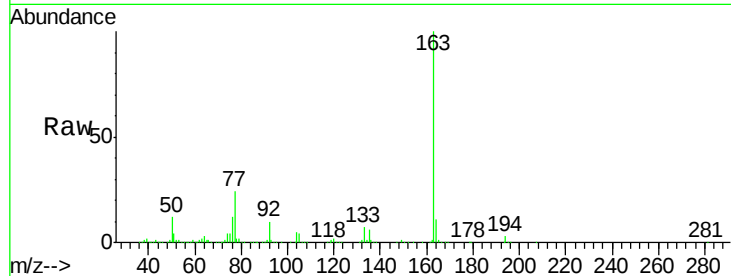
#49
Dimethylphthalate
Concen: 47.49 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:163 Resp: 1029212
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.2 12.4

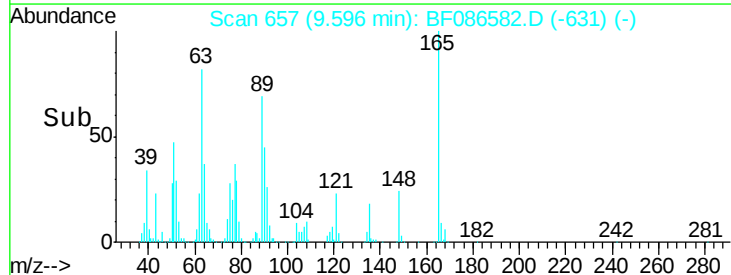
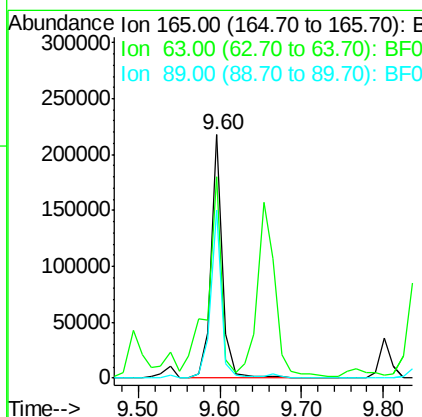
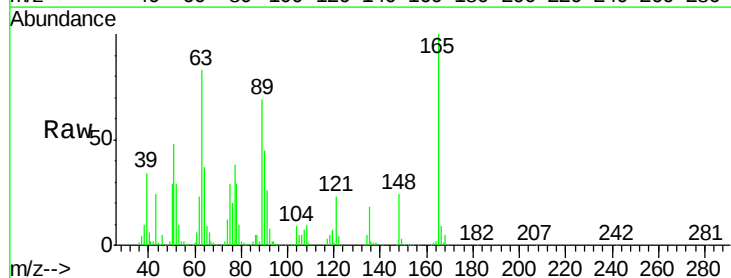
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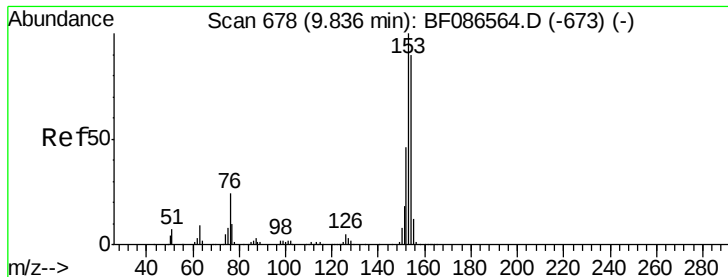
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#50
2,6-Dinitrotoluene
Concen: 48.52 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion:165 Resp: 217198
Ion Ratio Lower Upper
165 100
63 83.0 51.8 77.8#
89 69.3 50.7 76.1





#51

Acenaphthene

Concen: 49.67 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086582.D

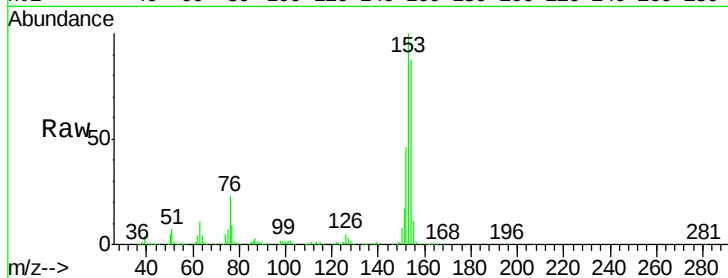
Acq: 1 May 2016 20:44

Instrument :

BNA_F

ClientSampleId :

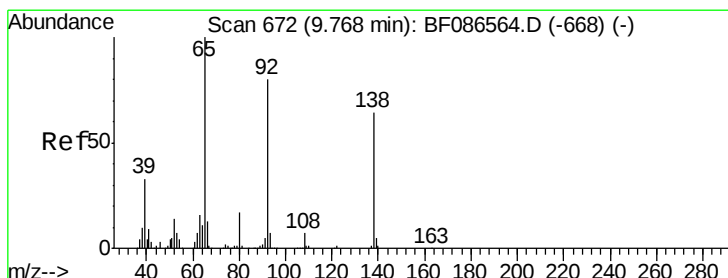
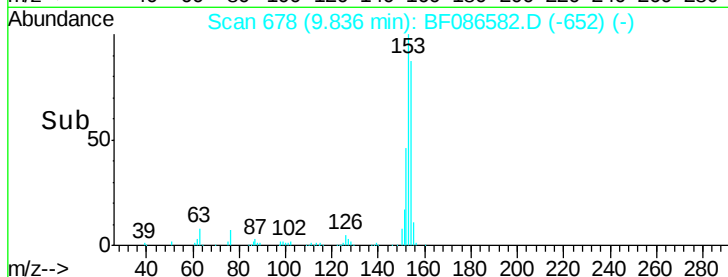
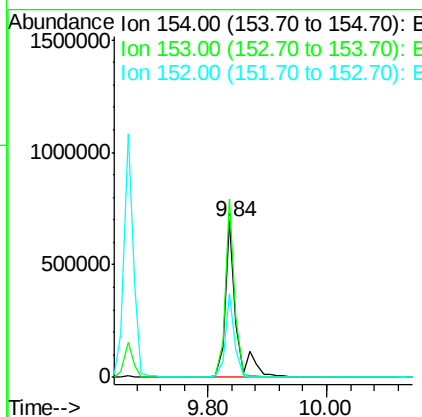
26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.4	89.8	134.6	
152	53.1	43.4	65.0	

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#52

3-Nitroaniline

Concen: 12.02 ng

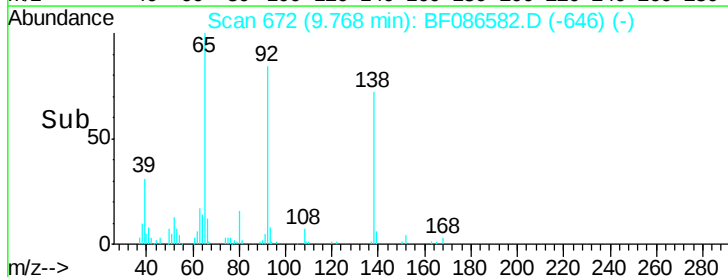
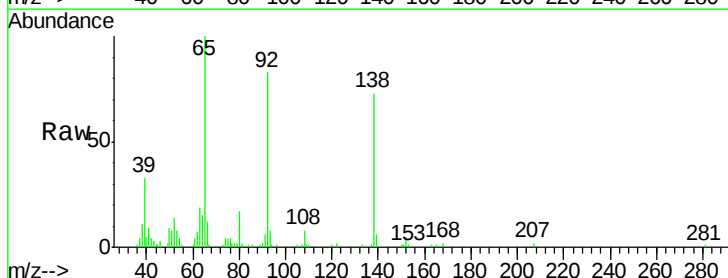
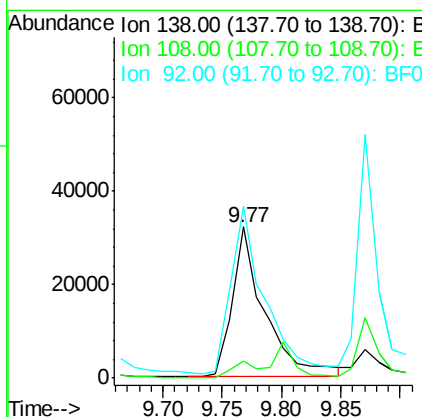
RT: 9.77 min Scan# 672

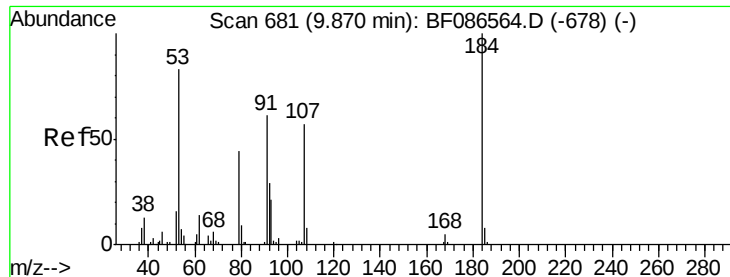
Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.2	7.8	11.6	
92	113.8	87.8	131.8	





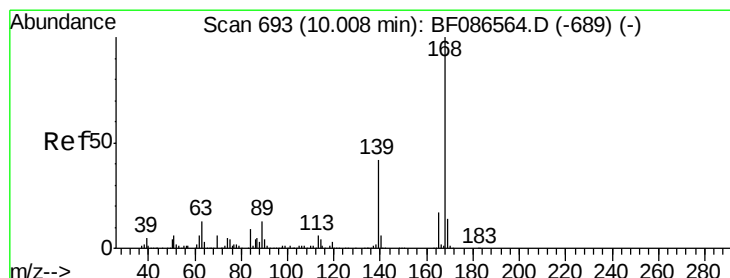
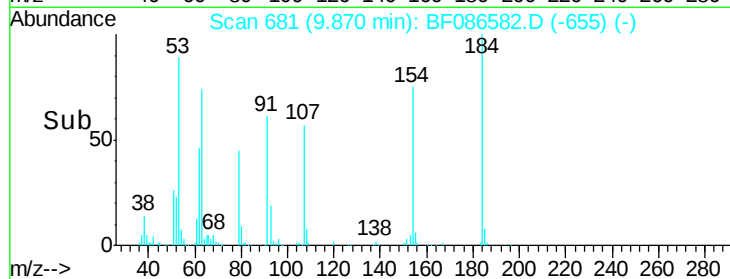
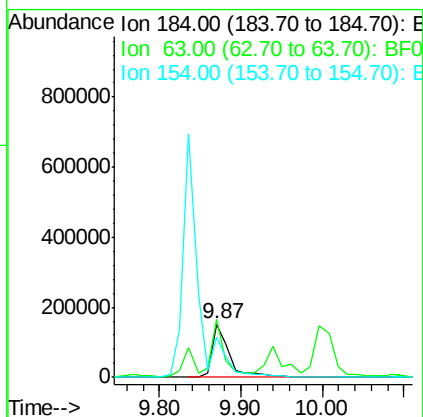
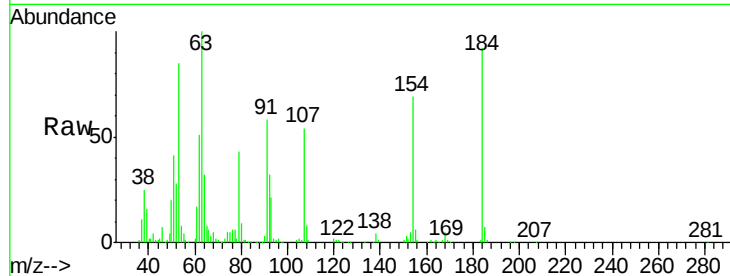
#53
2,4-Dinitrophenol
Concen: 91.16 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	226112		
63	109.0	55.8	83.8#	
154	75.2	62.4	93.6	

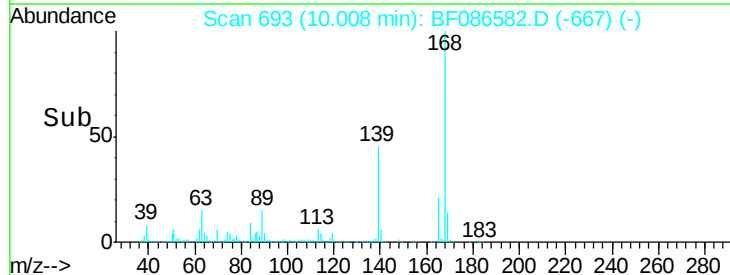
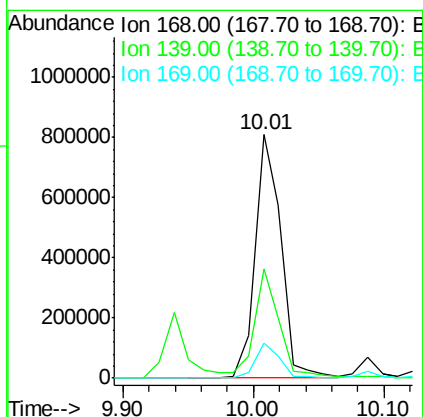
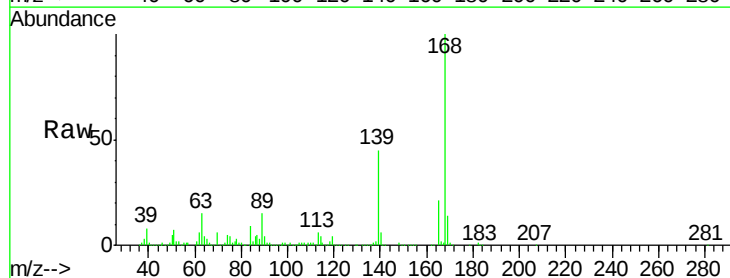
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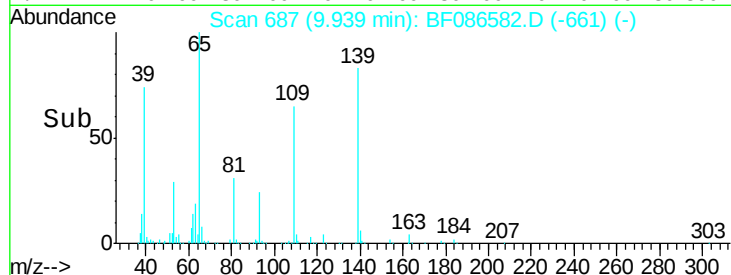
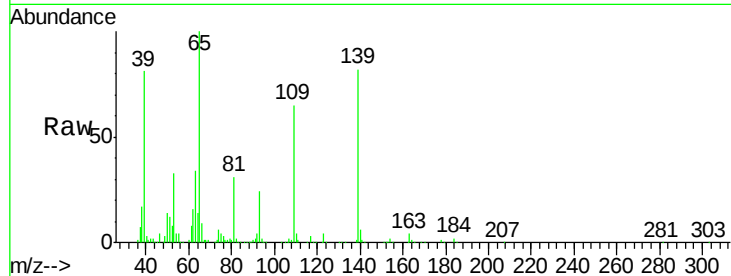
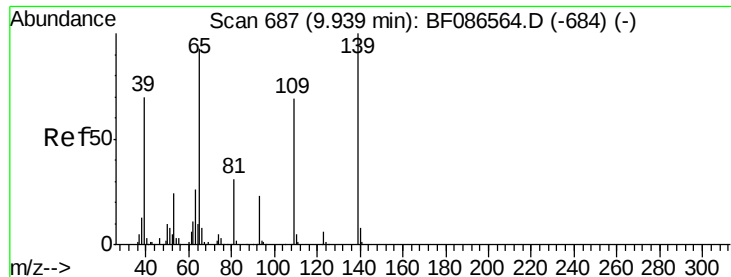
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#54
Dibenzofuran
Concen: 48.44 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1112071		
139	44.9	31.4	47.0	
169	14.3	10.7	16.1	





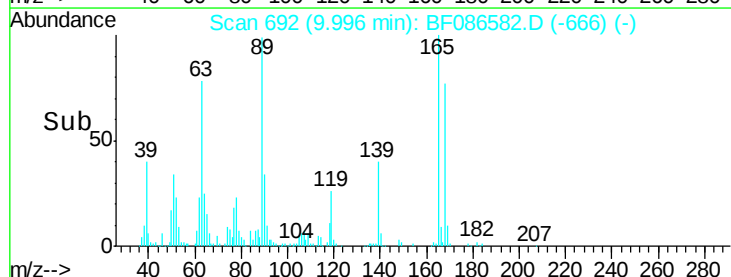
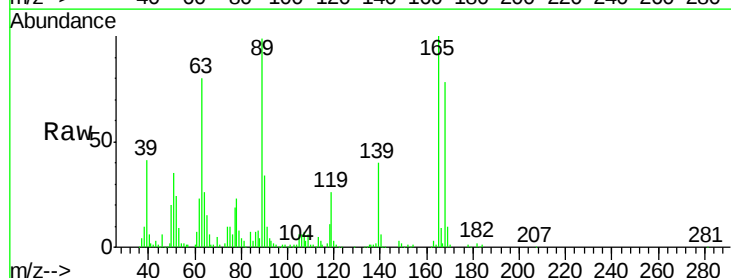
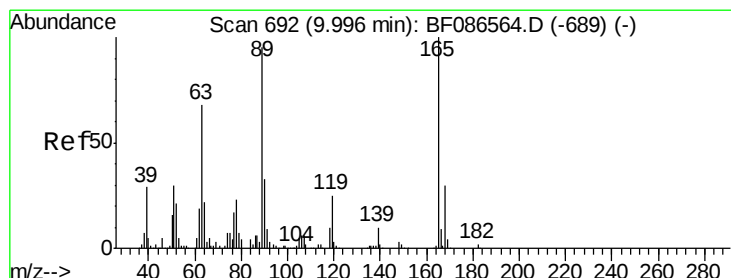
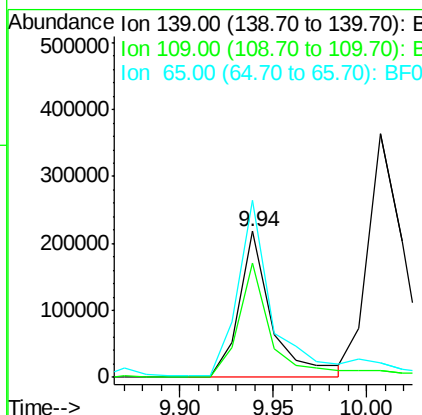
#55
4-Nitrophenol
Concen: 81.24 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	270822		
109	78.3	36.9	76.9#	
65	121.2	64.0	104.0#	

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

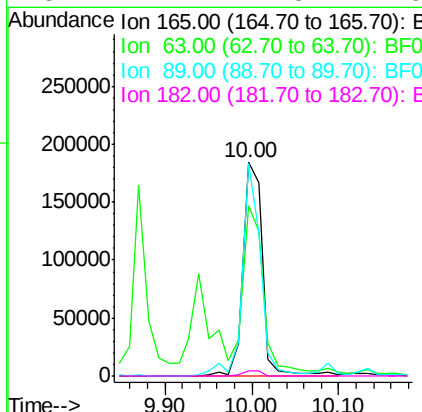
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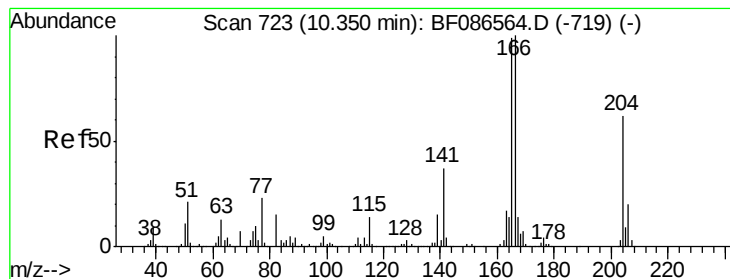
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#56
2,4-Dinitrotoluene
Concen: 50.25 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	286767		
63	79.6	44.3	66.5#	
89	99.2	70.0	105.0	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 41.96 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086582.D

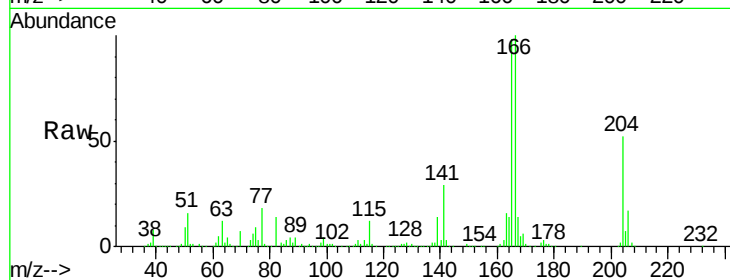
Acq: 1 May 2016 20:44

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion:166 Resp: 836288

Ion Ratio Lower Upper

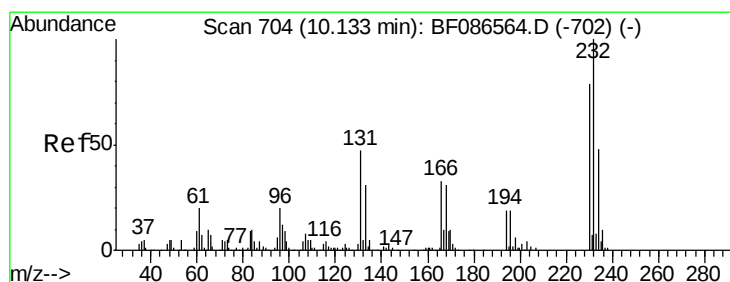
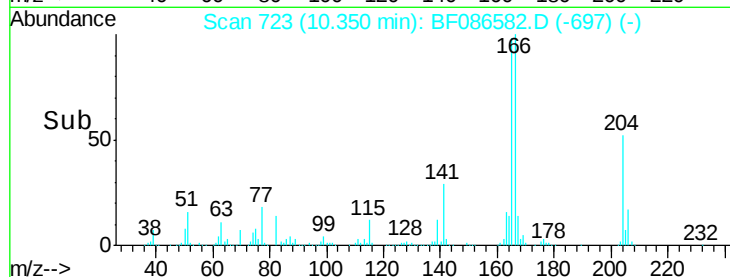
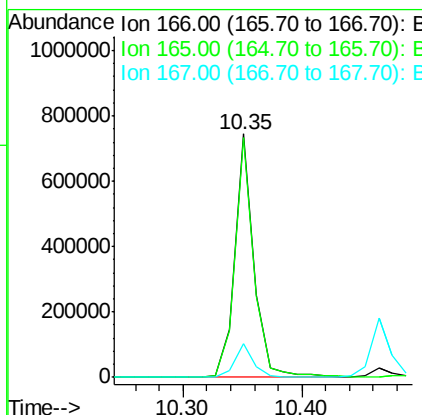
166 100

165 98.2 79.0 118.6

167 13.7 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 55.22 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion:232 Resp: 245066

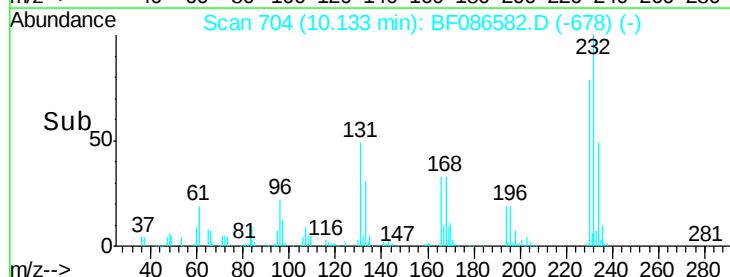
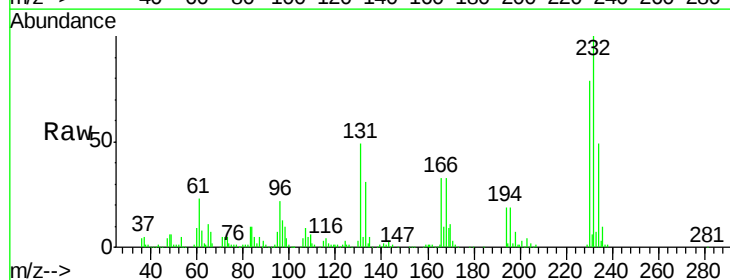
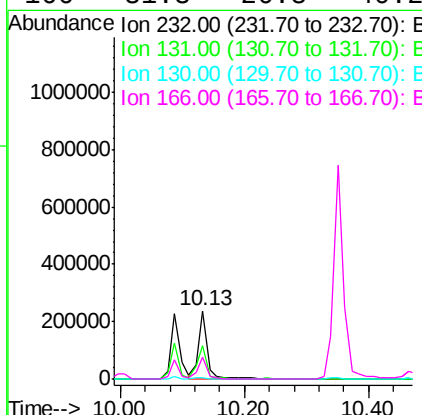
Ion Ratio Lower Upper

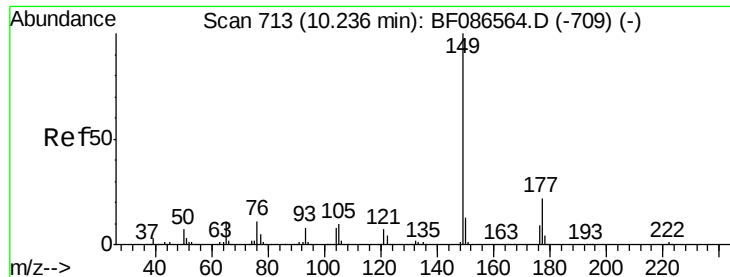
232 100

131 50.9 41.9 62.9

130 2.7 2.2 3.4

166 31.3 26.8 40.2





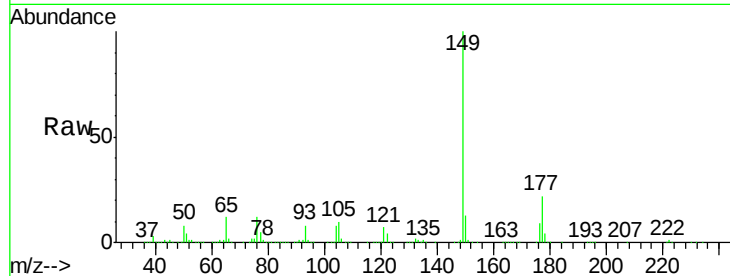
#59
Diethylphthalate
Concen: 47.83 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

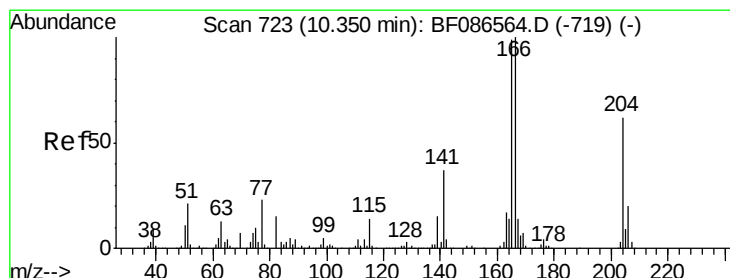
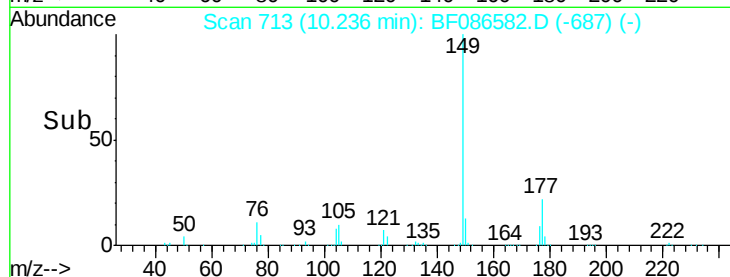
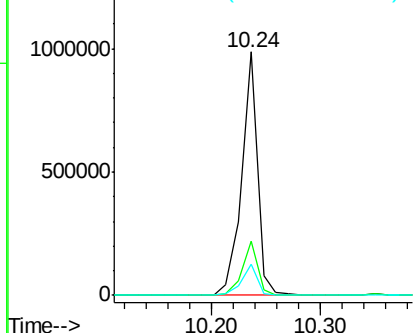
Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.1	16.6	24.8
150	12.9	10.0	15.0

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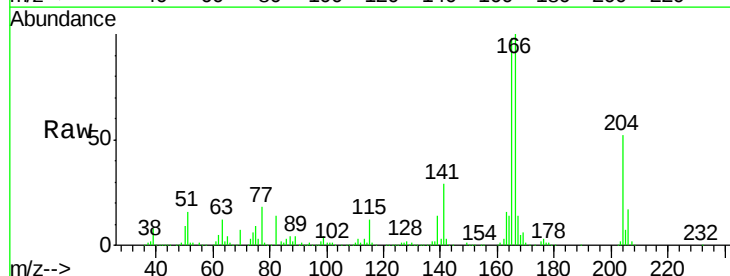


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

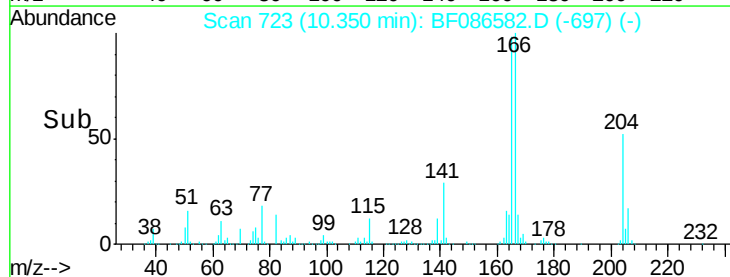
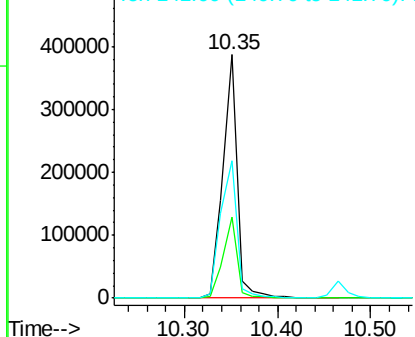


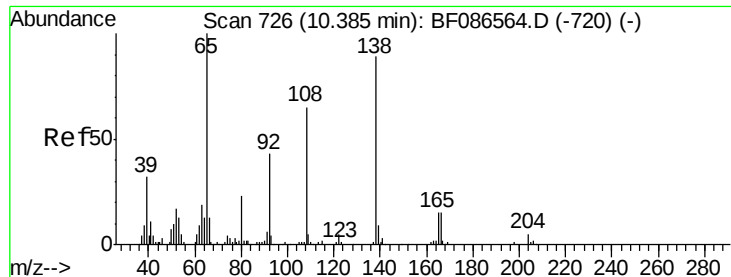
#60
4-Chlorophenyl-phenylether
Concen: 45.69 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	33.3	25.4	38.0
141	56.3	61.6	92.4#



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





#61

4-Nitroaniline

Concen: 33.96 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

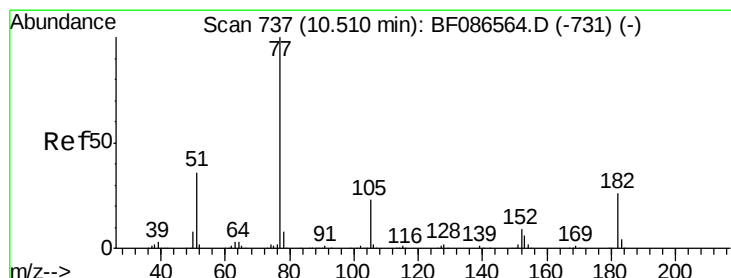
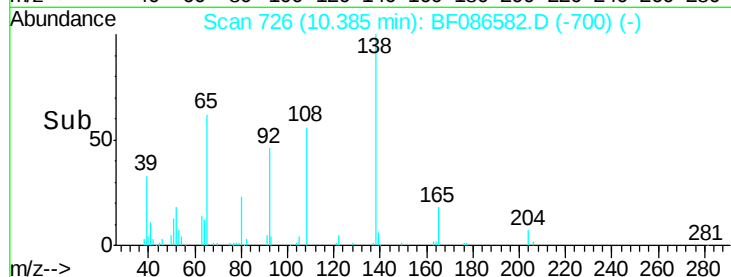
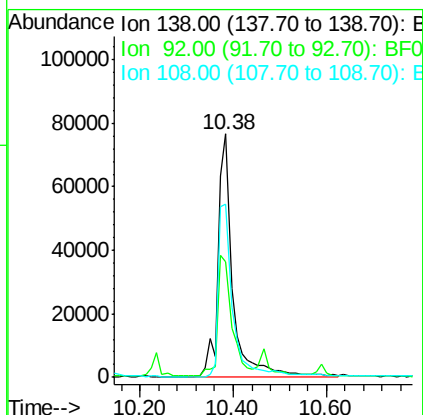
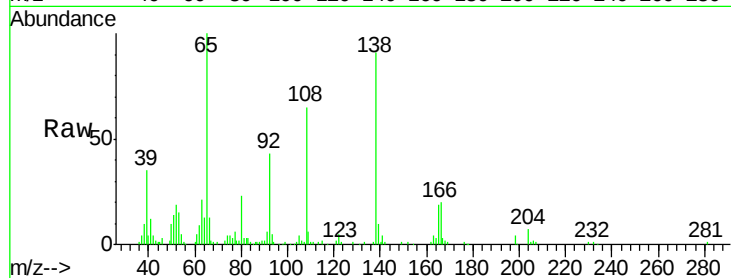
ClientSampleId :

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Tgt Ion:	138	Resp:	169046
Ion	Ratio	Lower	Upper
138	100		
92	47.3	24.7	64.7
108	71.2	37.4	77.4



#62

Azobenzene

Concen: 50.10 ng

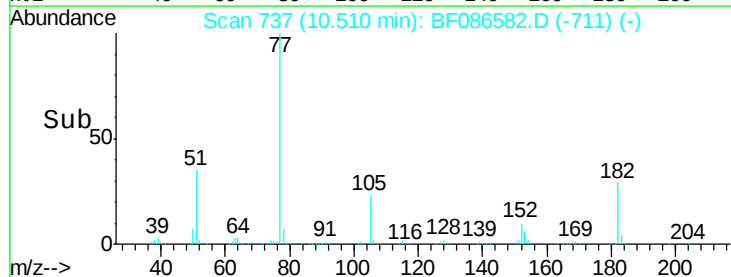
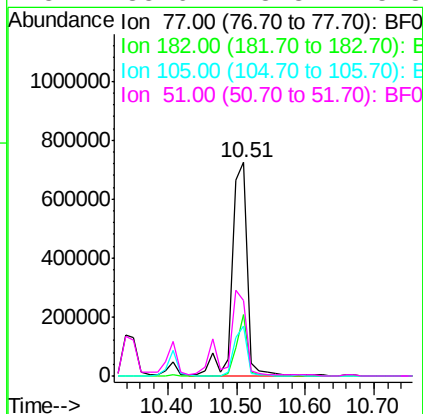
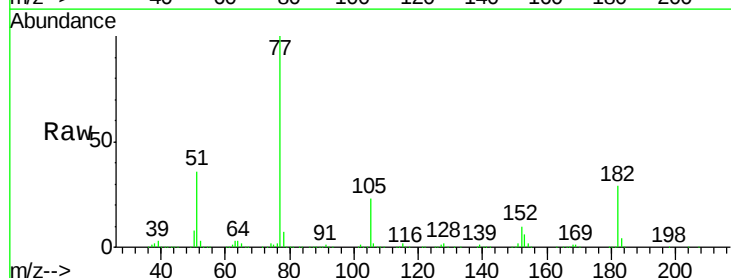
RT: 10.51 min Scan# 737

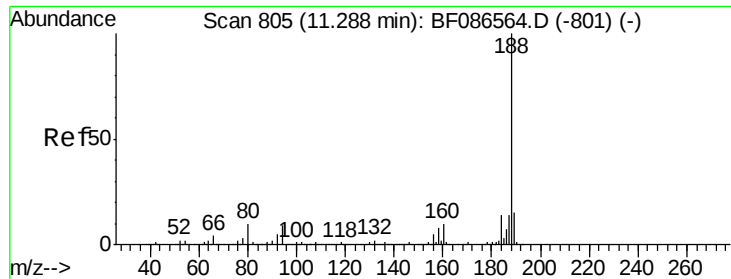
Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion:	77	Resp:	1125673
Ion	Ratio	Lower	Upper
77	100		
182	29.0	0.0	38.8
105	23.4	3.2	43.2
51	35.6	8.8	48.8





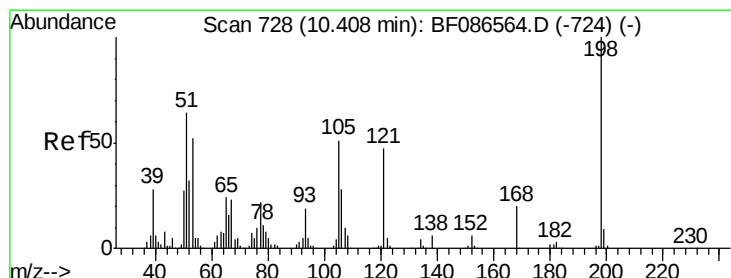
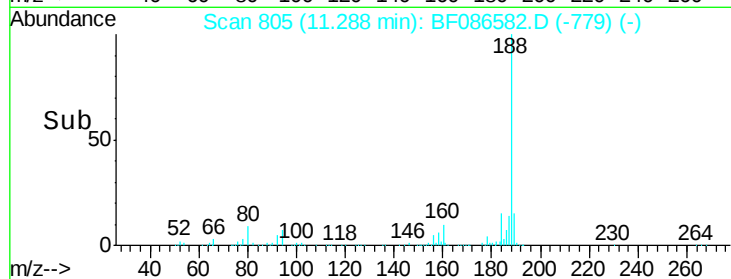
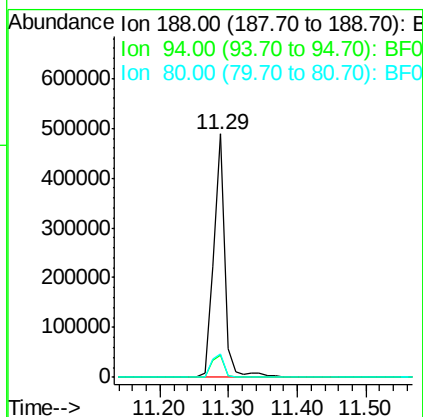
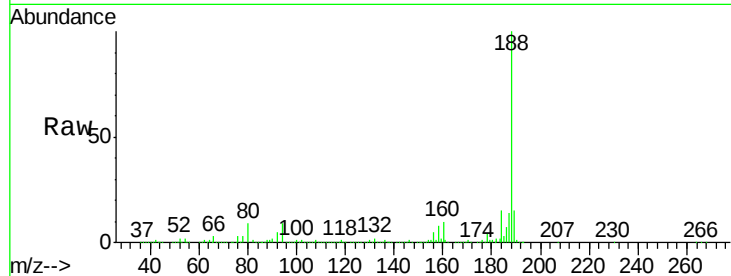
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	565976		
94	8.9	6.8	10.2	
80	9.4	7.1	10.7	

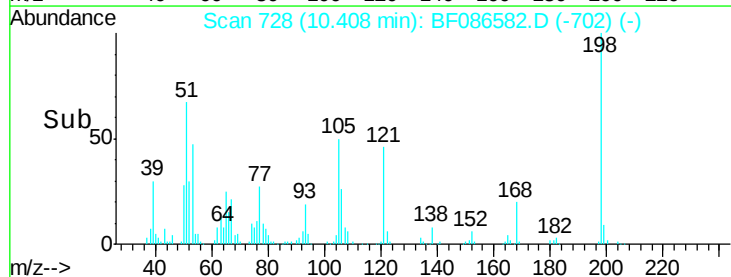
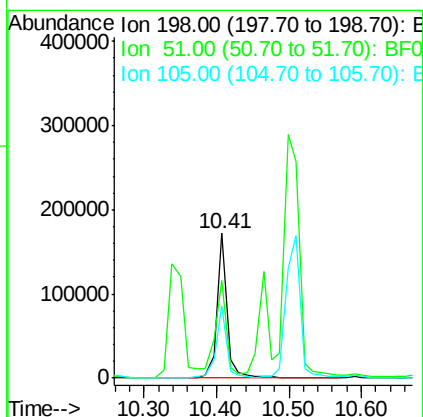
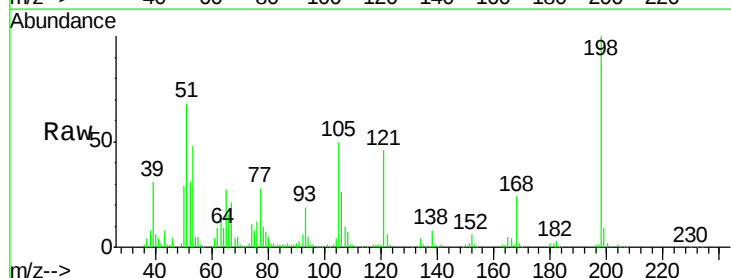
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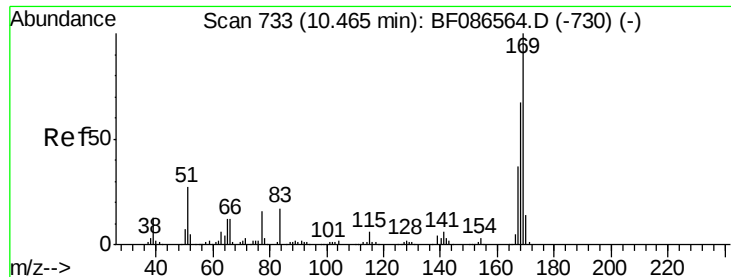
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.64 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	168249		
51	67.5	20.5	60.5#	
105	49.9	24.5	64.5	





#65

n-Nitrosodiphenylamine

Concen: 31.27 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

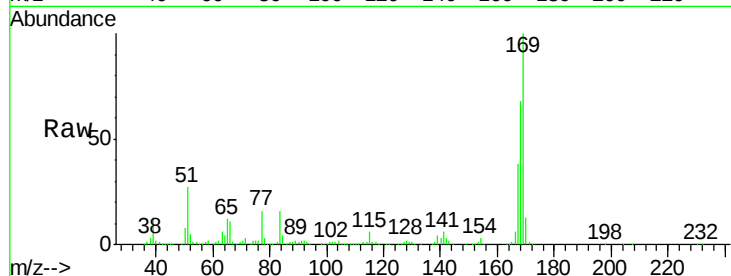
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

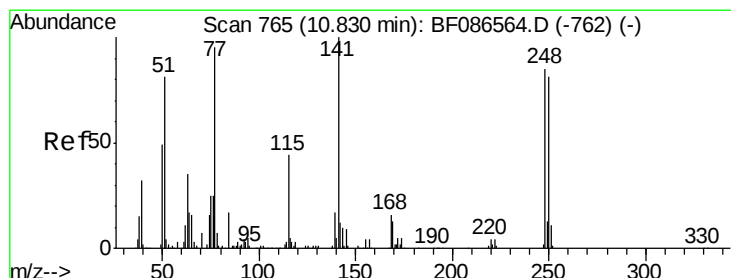
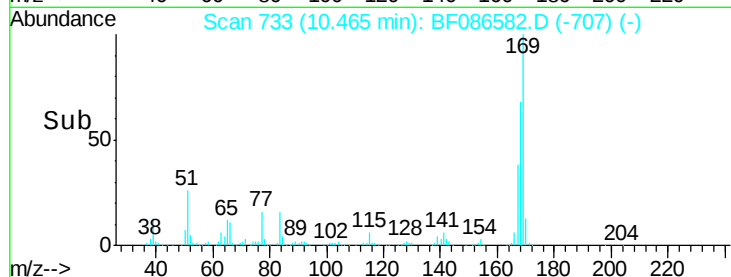
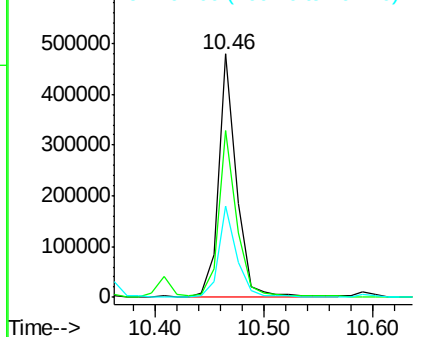
Tgt Ion:	169	Resp:	553145
Ion Ratio	Lower	Upper	
169	100		
168	68.4	53.8	80.6
167	37.7	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 43.94 ng

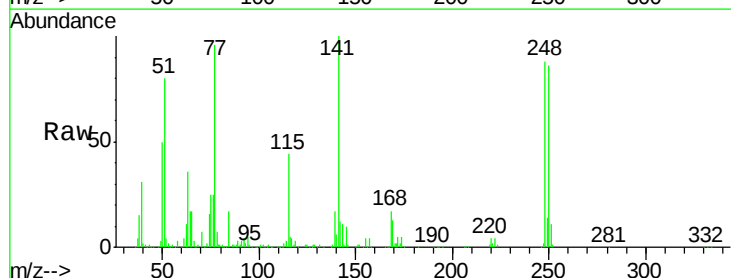
RT: 10.83 min Scan# 765

Delta R.T. 0.00 min

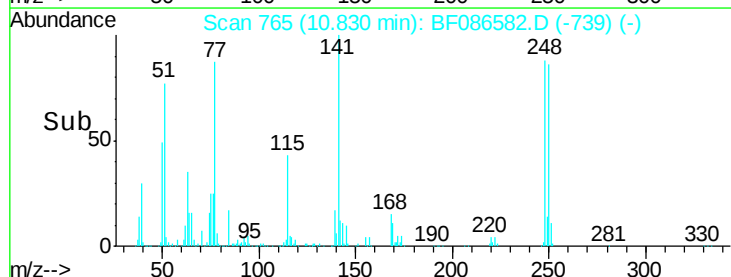
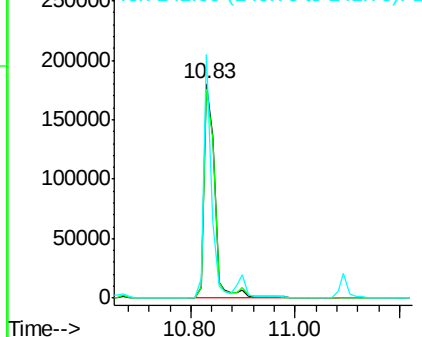
Lab File: BF086582.D

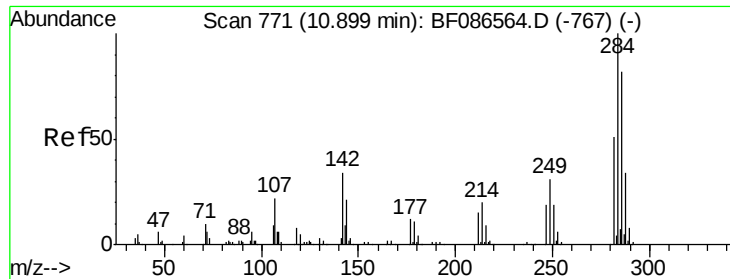
Acq: 1 May 2016 20:44

Tgt Ion:	248	Resp:	256277
Ion Ratio	Lower	Upper	
248	100		
250	97.7	78.6	117.8
141	113.6	76.0	114.0



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





#67

Hexachlorobenzene

Concen: 44.78 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

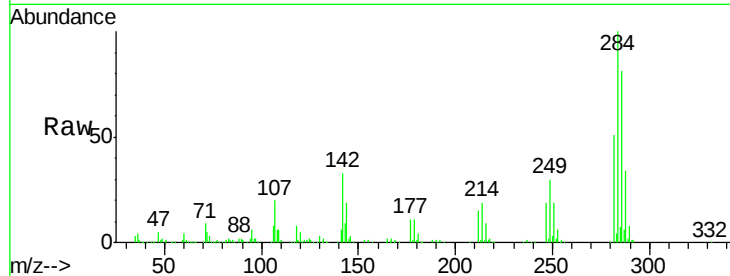
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

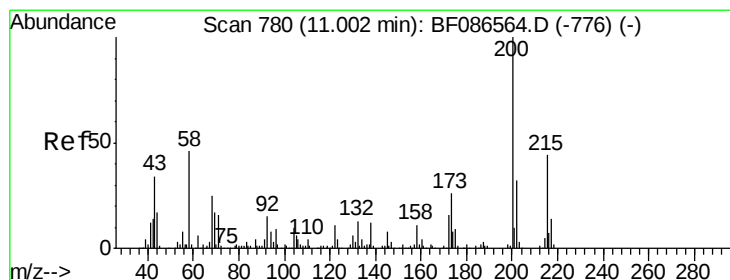
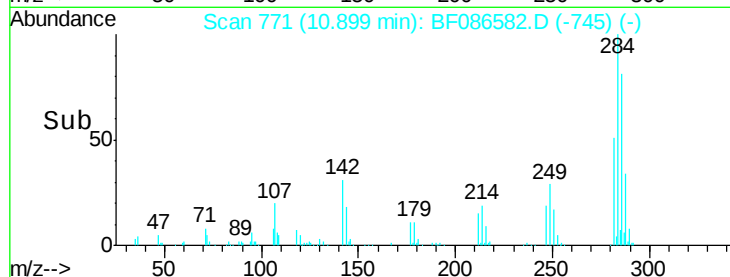
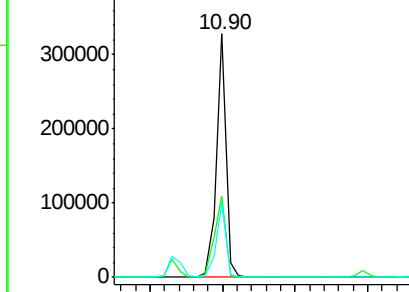
Tgt Ion:	284	Resp:	302268
Ion Ratio	Lower	Upper	
284	100		
142	33.2	16.7	25.1#
249	30.5	21.3	31.9

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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: 12.92 ng

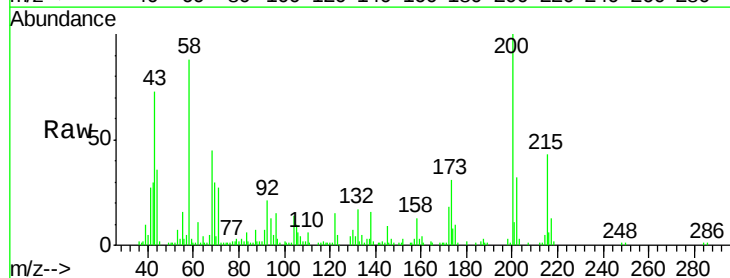
RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

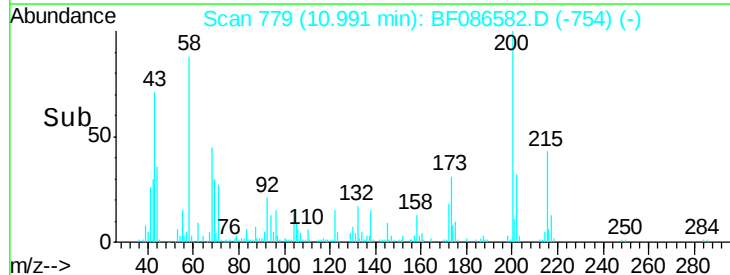
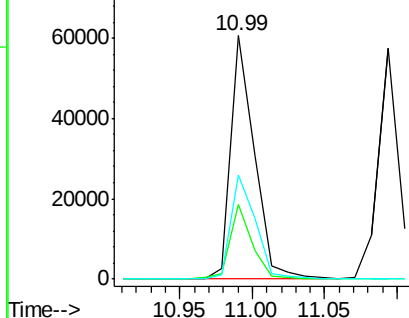
Lab File: BF086582.D

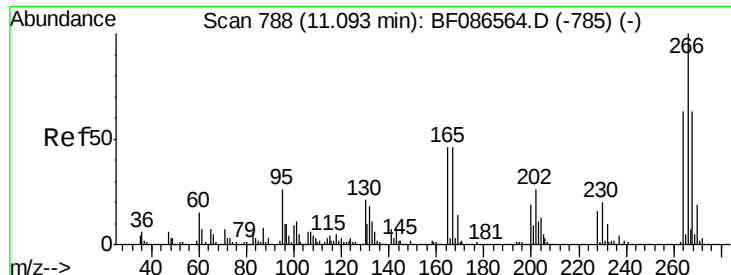
Acq: 1 May 2016 20:44

Tgt Ion:	200	Resp:	68602
Ion Ratio	Lower	Upper	
200	100		
173	30.7	8.5	48.5
215	42.7	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





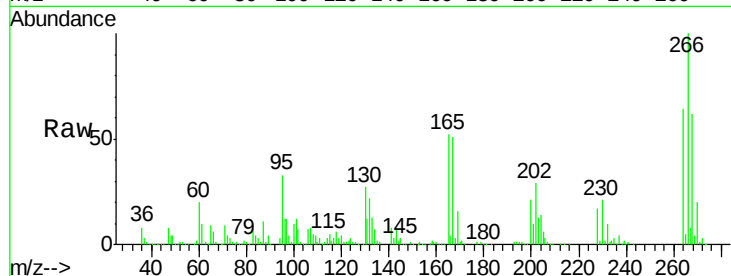
#69
 Pentachlorophenol
 Concen: 90.54 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

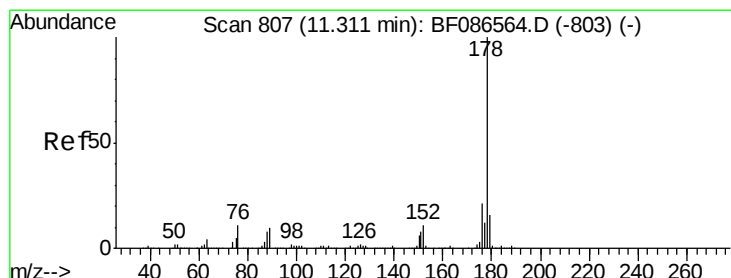
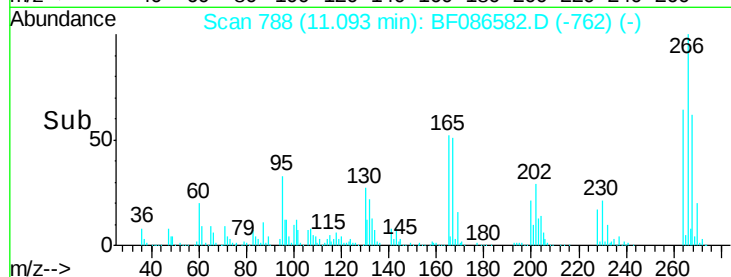
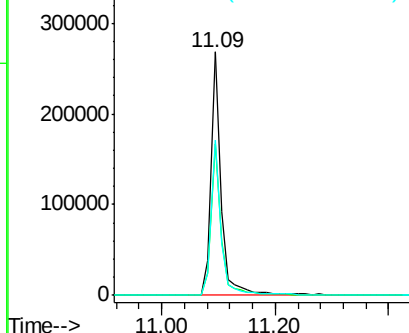
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	322253		
268	62.3	51.5	77.3	
264	63.6	52.9	79.3	

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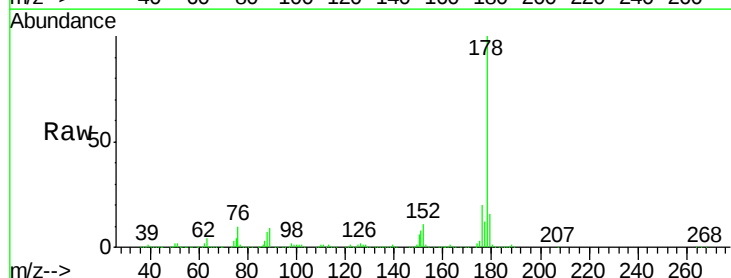


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

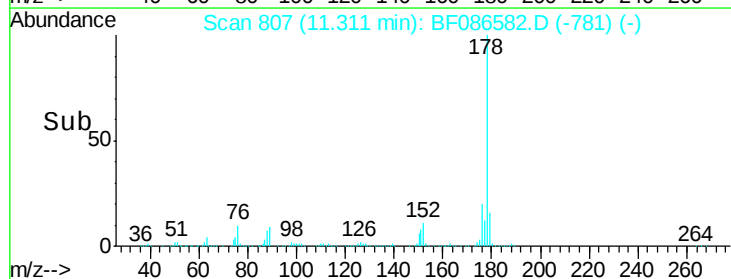
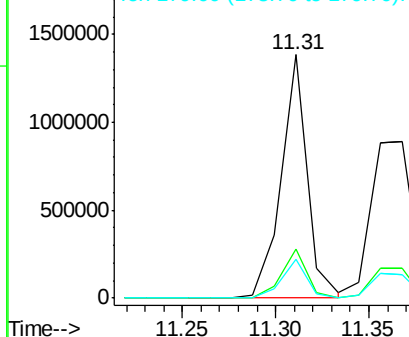


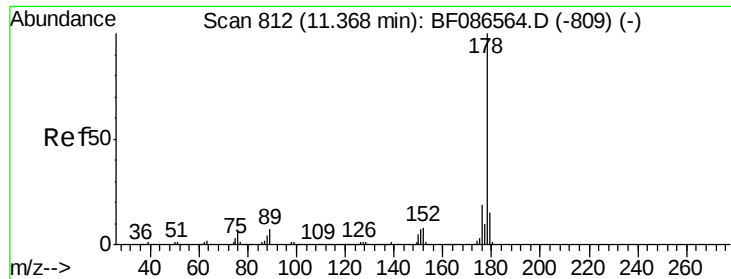
#70
 Phenanthrene
 Concen: 45.26 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1344290		
176	20.3	16.0	24.0	
179	15.8	12.6	18.8	



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





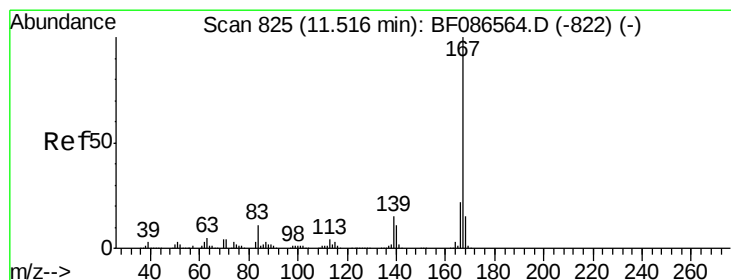
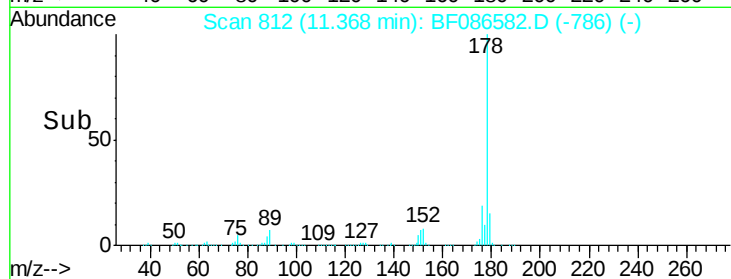
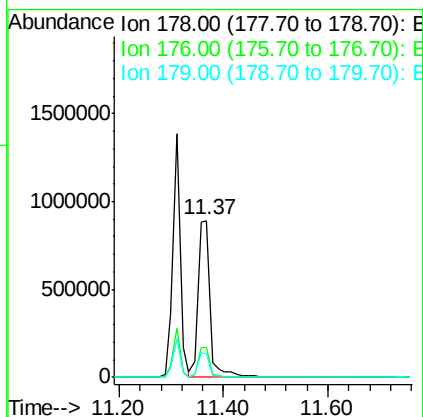
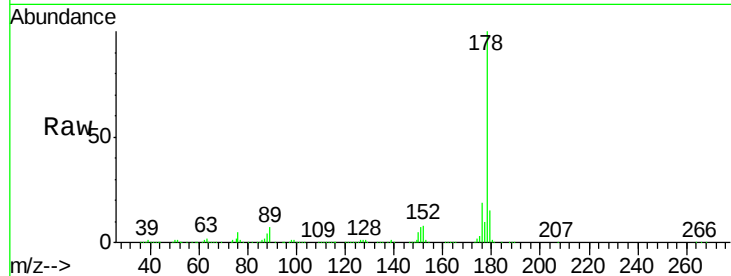
#71
 Anthracene
 Concen: 45.63 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:178 Resp: 1446508
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.1 12.7 19.1

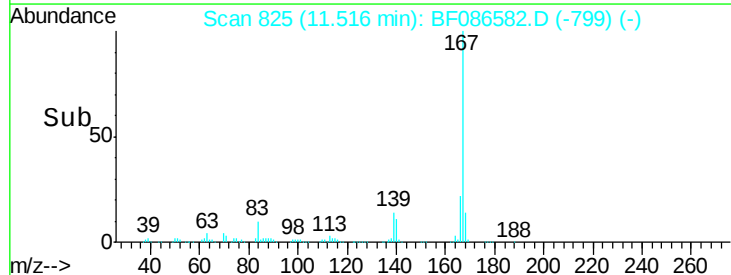
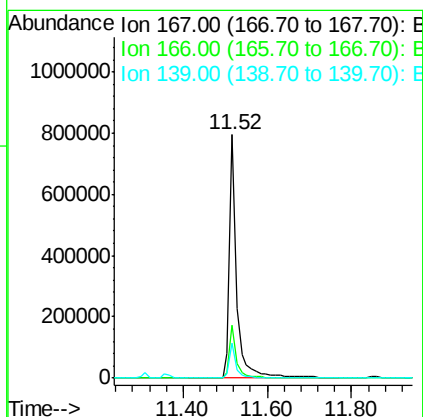
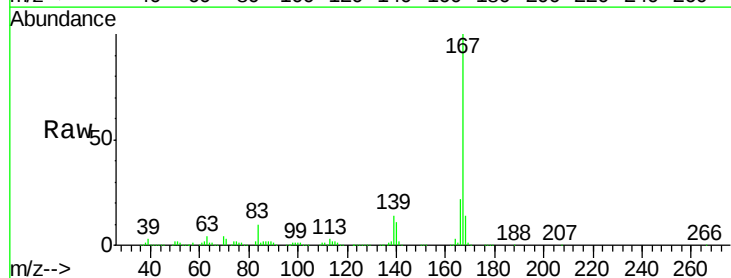
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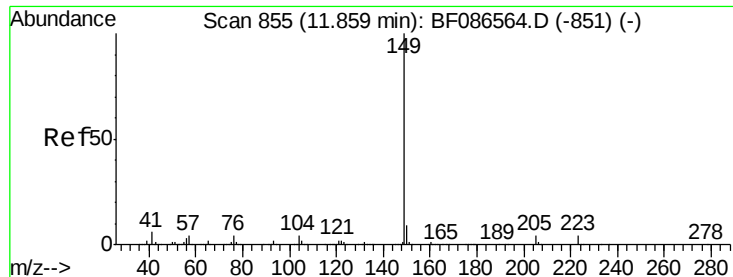
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#72
 Carbazole
 Concen: 33.65 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion:167 Resp: 945476
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.4 10.8 16.2





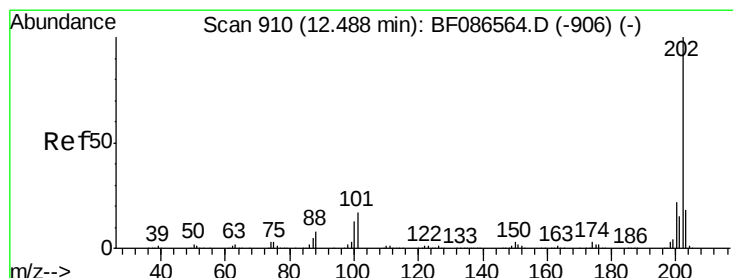
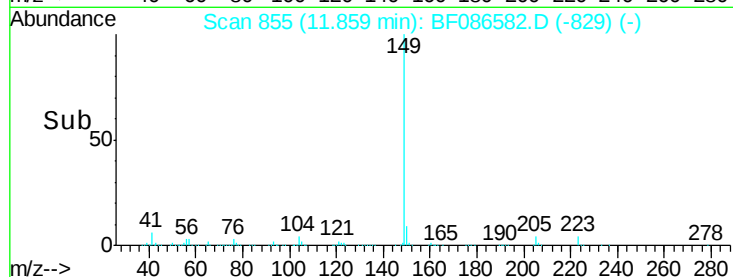
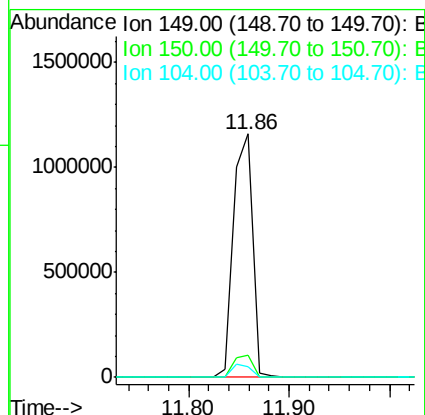
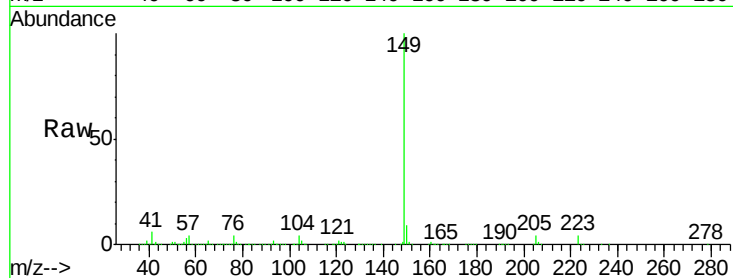
#73
Di-n-butylphthalate
Concen: 48.27 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.3	3.8	5.6

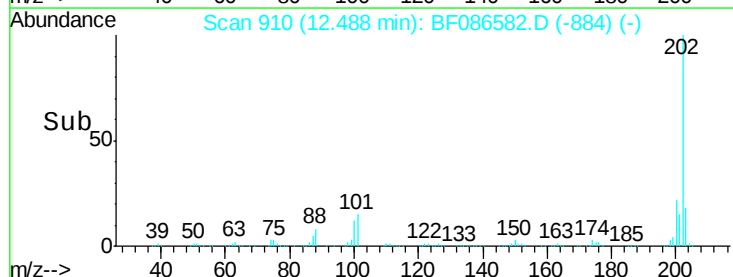
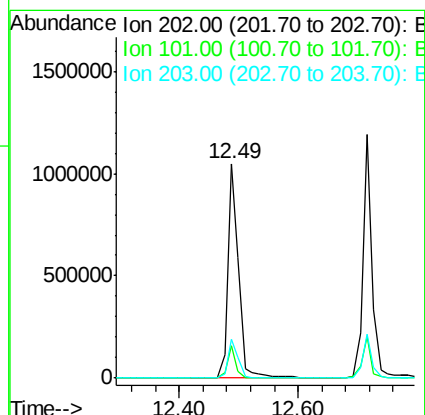
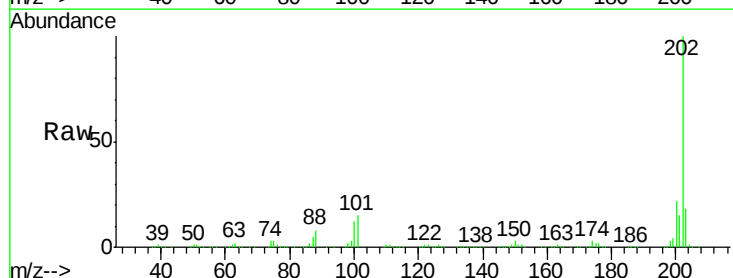
Manual Integrations
APPROVED

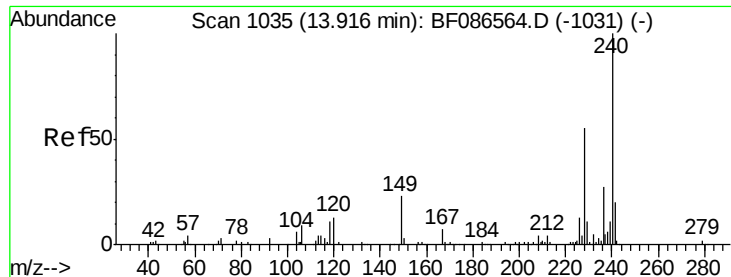
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#74
Fluoranthene
Concen: 44.05 ng
RT: 12.49 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	35.4
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

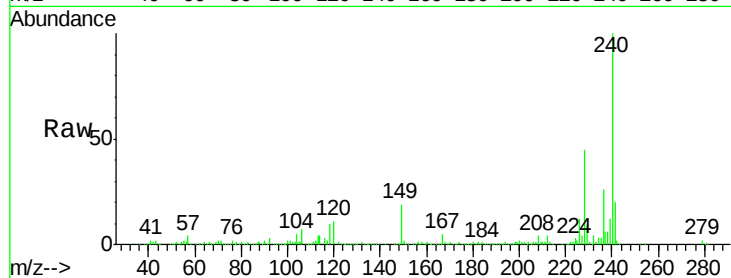
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	376612		
120	10.7	11.2	16.8	
236	26.2	21.2	31.8	

Manual Integrations
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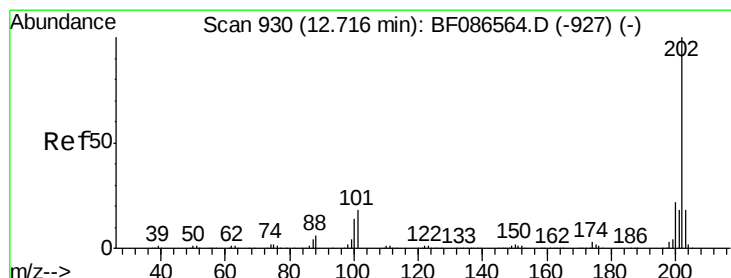
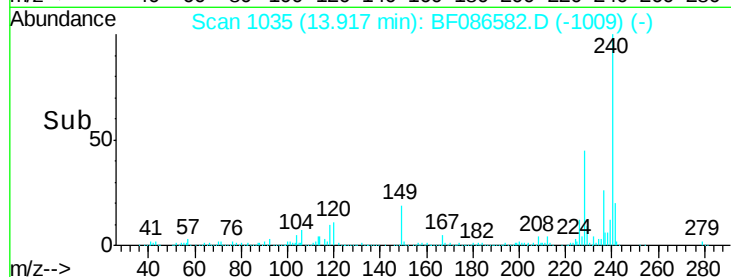
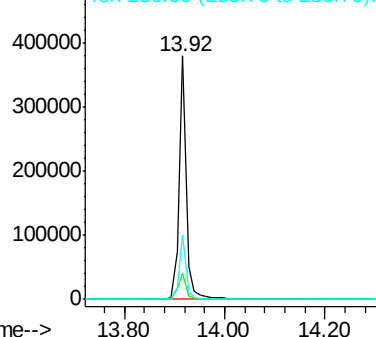
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 47.03 ng

RT: 12.72 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF086582.D

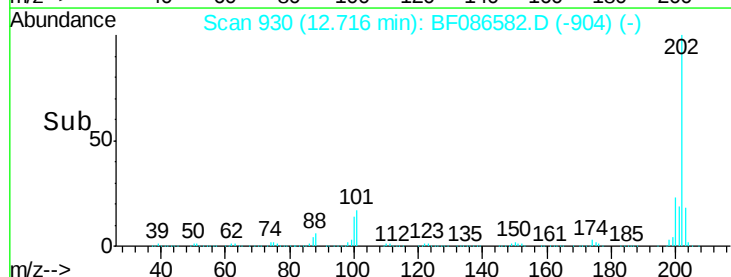
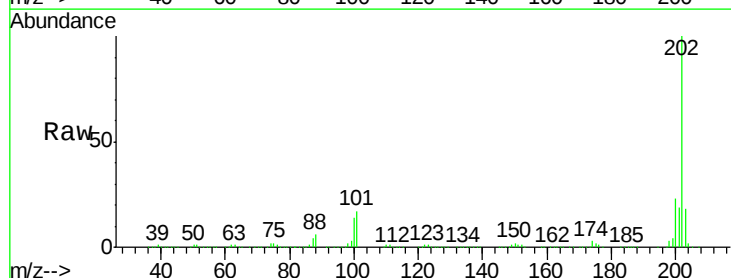
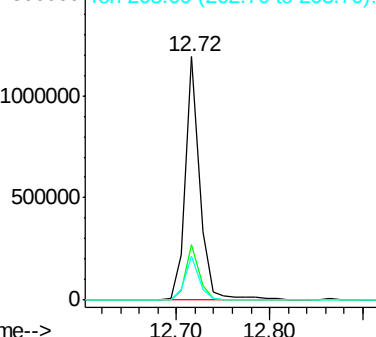
Acq: 1 May 2016 20:44

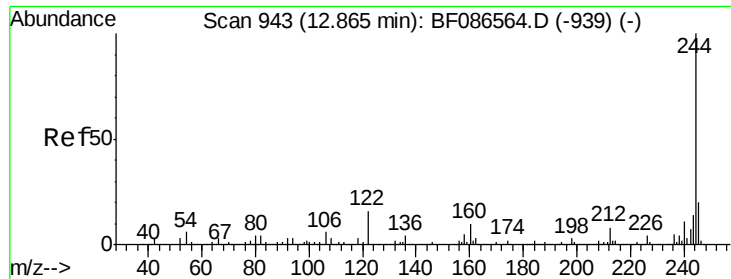
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1276264		
200	22.5	17.7	26.5	
203	18.1	14.2	21.4	

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: 92.51 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:244 Resp: 1581482

Ion Ratio Lower Upper

244 100

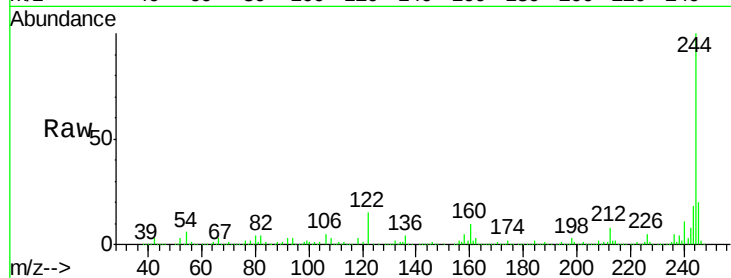
212 8.1 6.2 9.2

122 14.9 12.0 18.0

Manual Integrations
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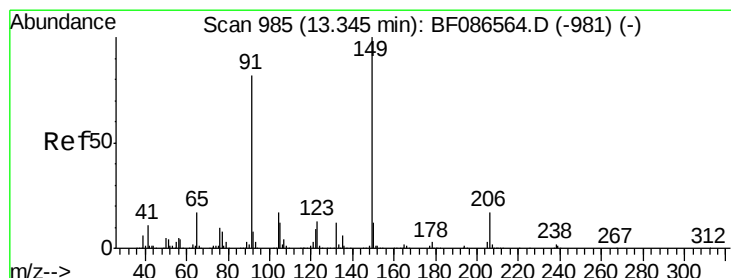
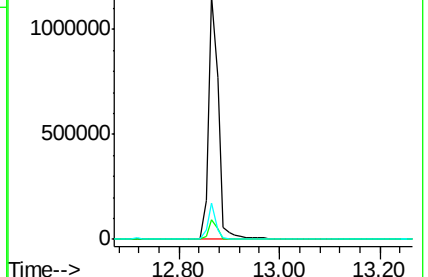
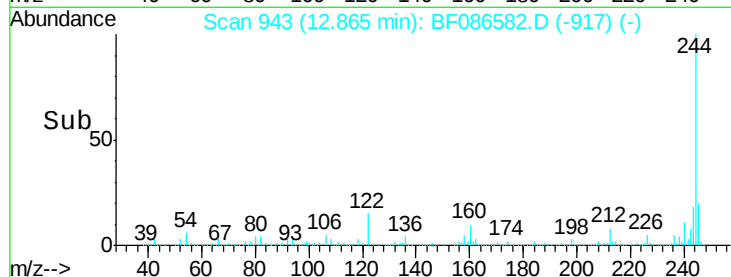
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 52.29 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

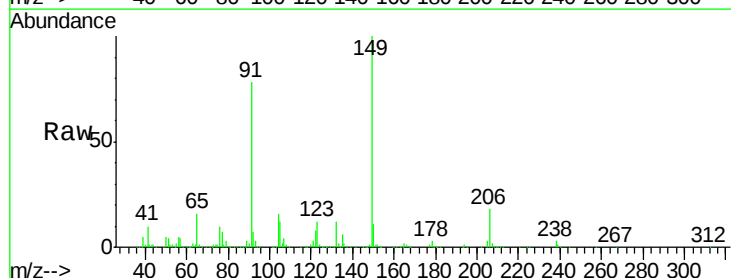
Tgt Ion:149 Resp: 614587

Ion Ratio Lower Upper

149 100

91 78.0 48.0 72.0#

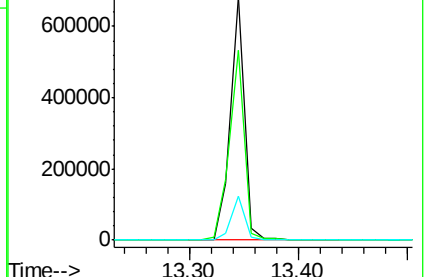
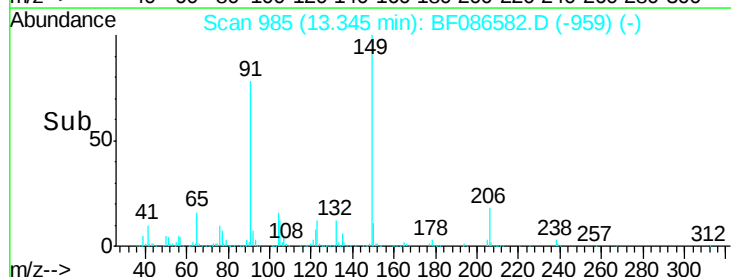
206 18.3 15.8 23.6

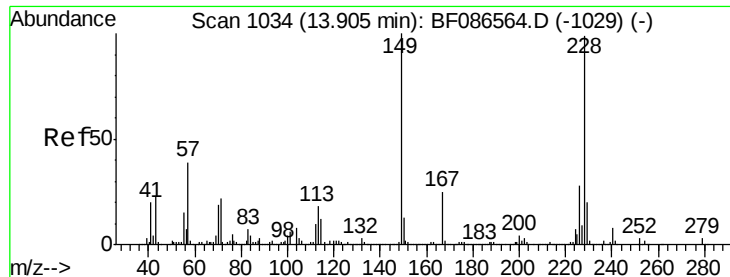


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





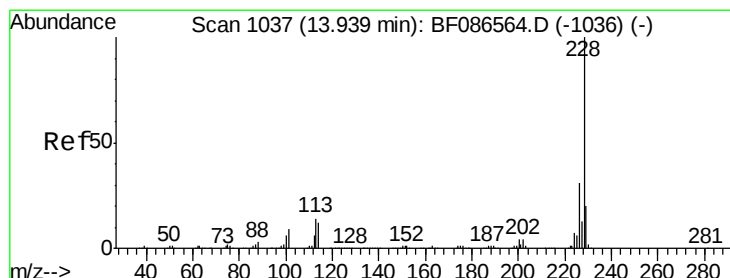
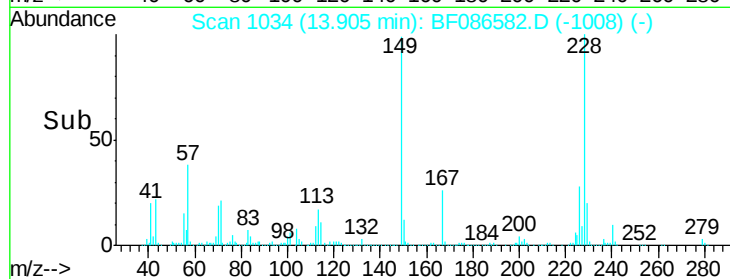
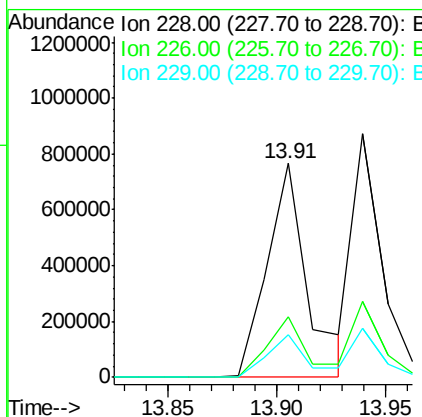
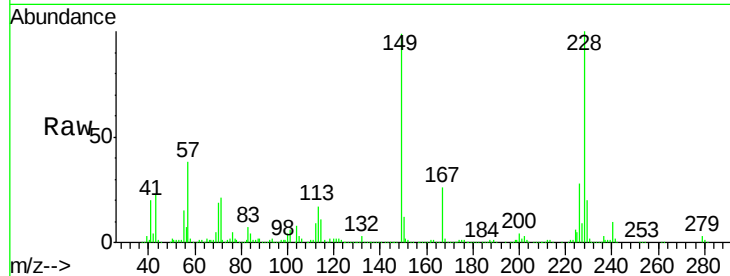
#80
Benzo(a)anthracene
Concen: 49.47 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	19.9	16.6	25.0

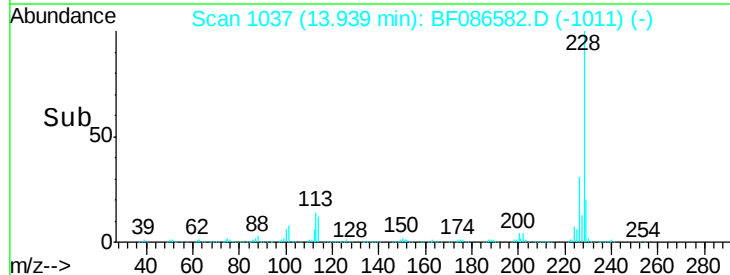
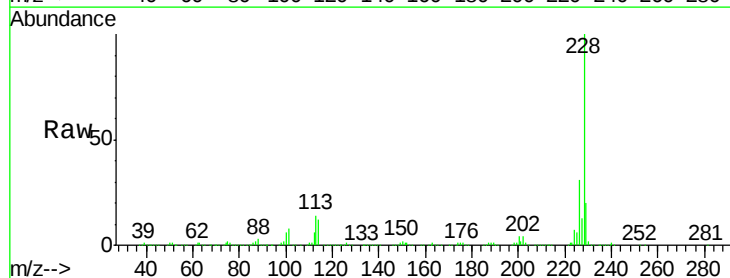
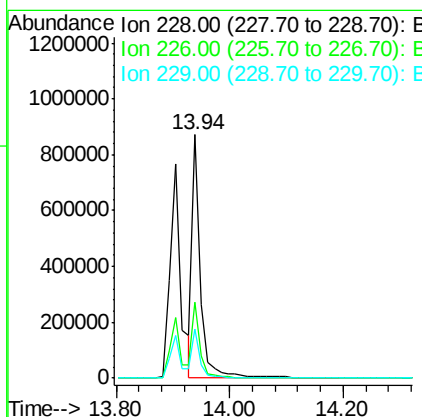
Manual Integrations
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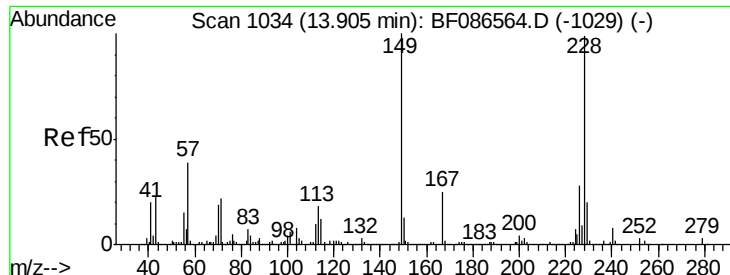
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#82
Chrysene
Concen: 41.49 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.2	15.8	23.8





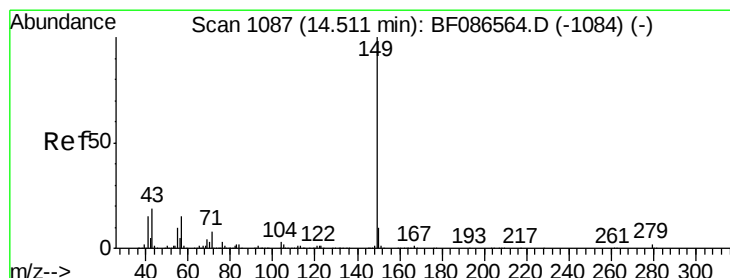
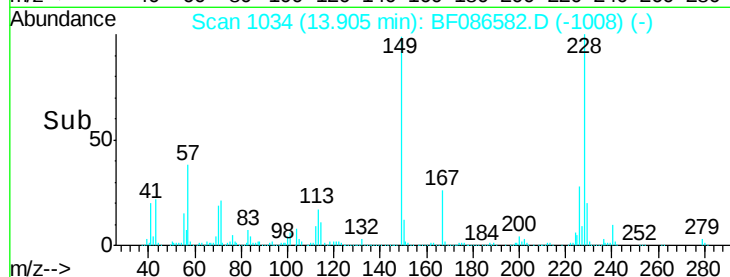
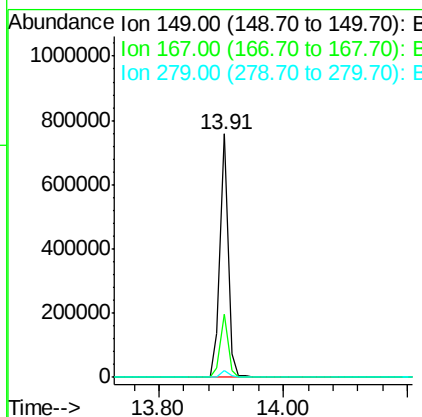
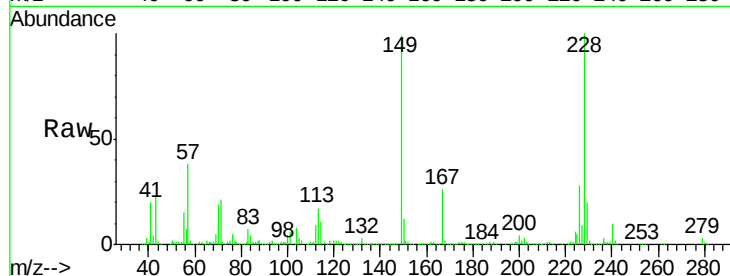
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.29 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	675305		
167	25.9	21.8	32.6	
279	3.0	2.6	4.0	

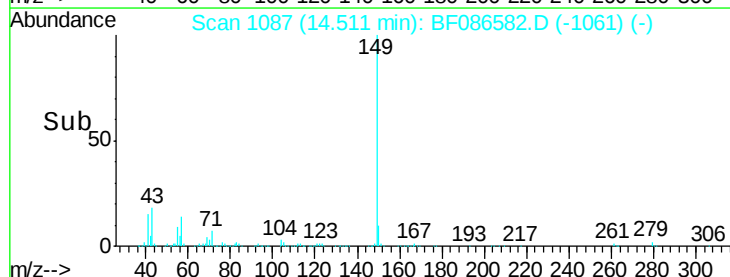
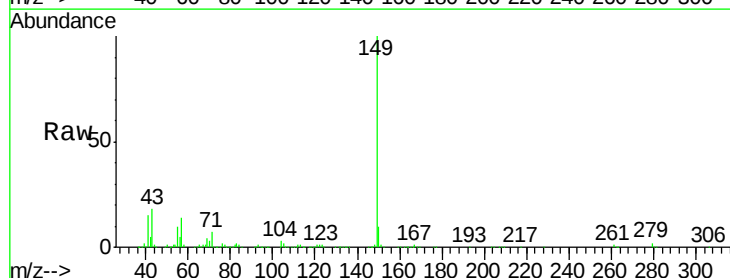
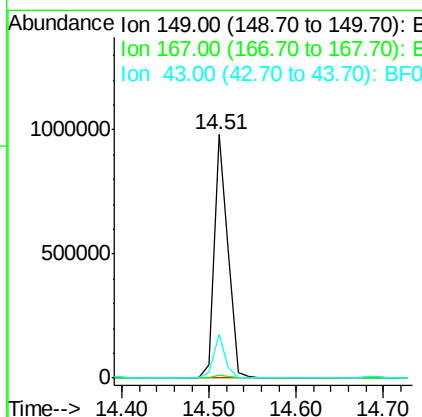
Manual Integrations
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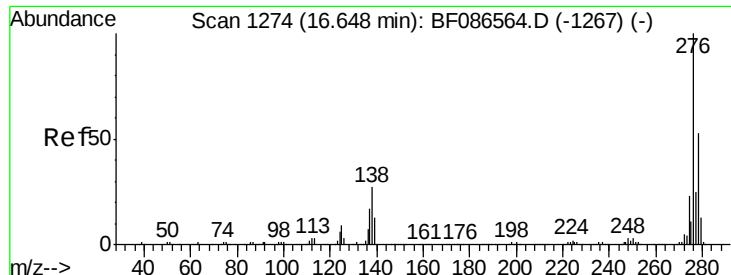
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#84
 Di-n-octyl phthalate
 Concen: 47.88 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1093830		
167	1.5	1.2	1.8	
43	15.6	8.2	12.4#	





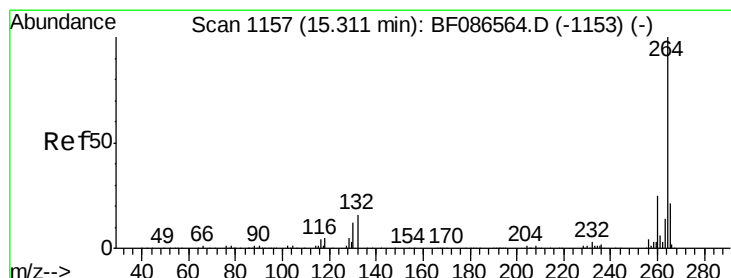
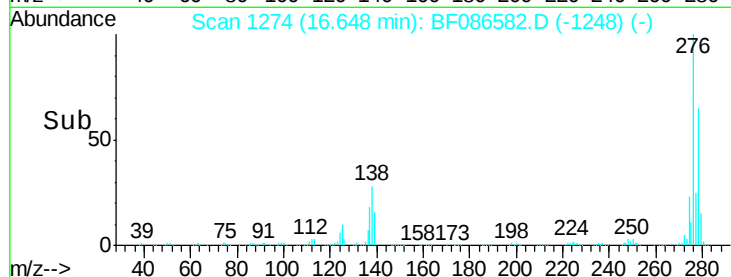
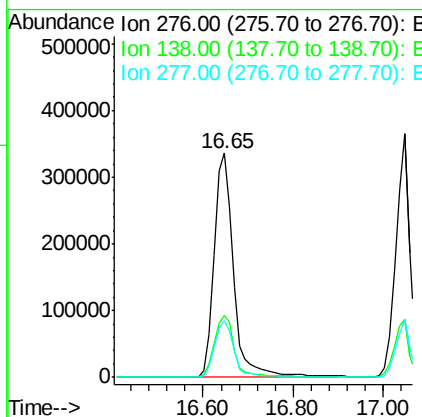
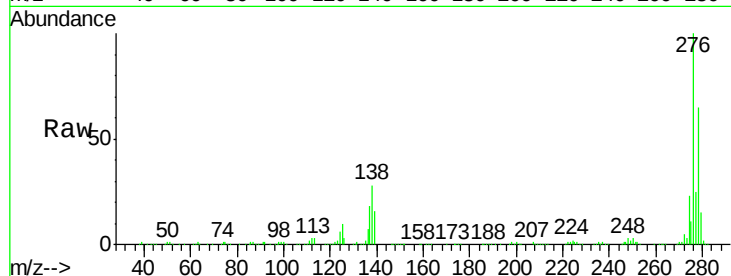
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.64 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.6	38.4
277	25.5	20.5	30.7

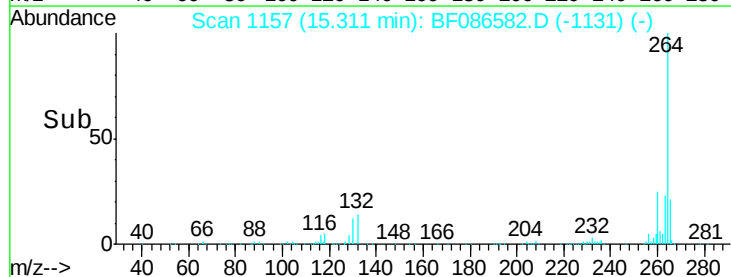
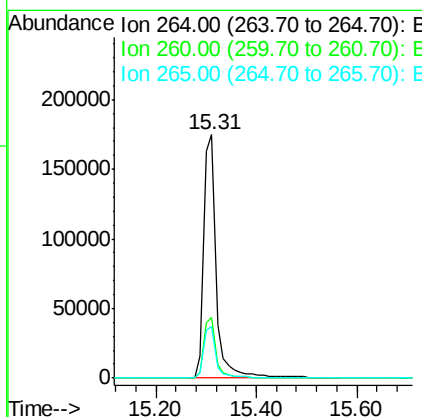
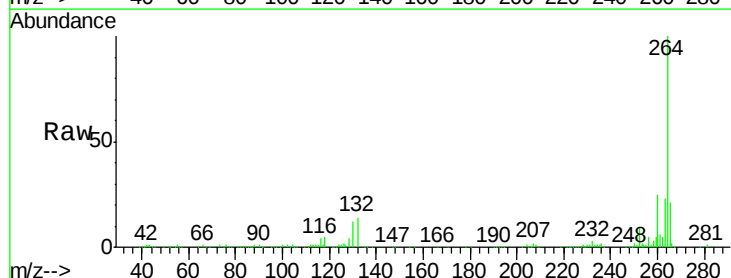
Manual Integrations
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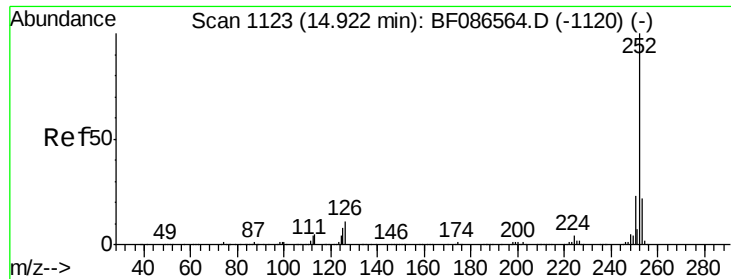
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 58.80 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:252 Resp: 1062945

Ion Ratio Lower Upper

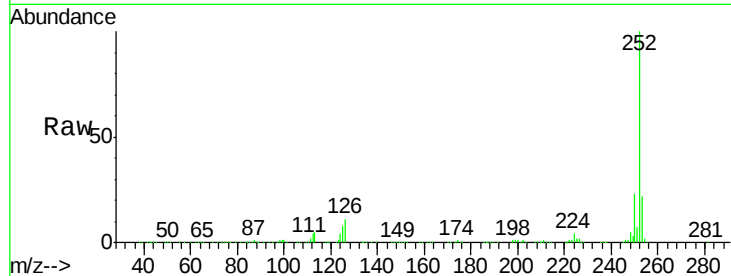
252 100

253 21.6 17.8 26.6

125 8.1 11.4 17.0#

Manual Integrations
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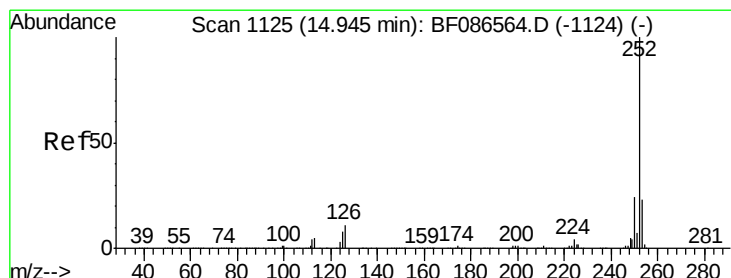
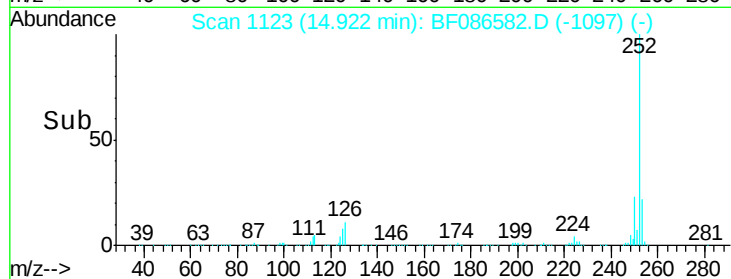
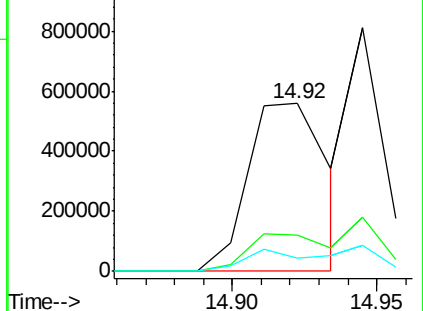
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.24 ng m

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086582.D

Acq: 1 May 2016 20:44

Tgt Ion:252 Resp: 796542

Ion Ratio Lower Upper

252 100

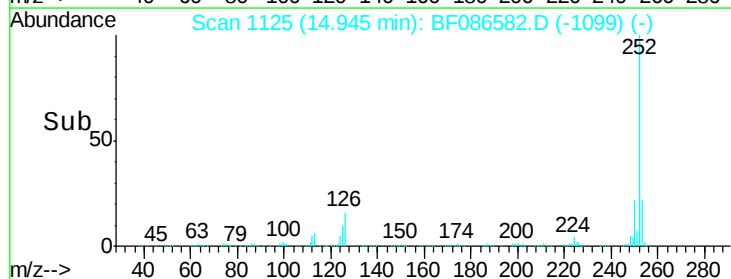
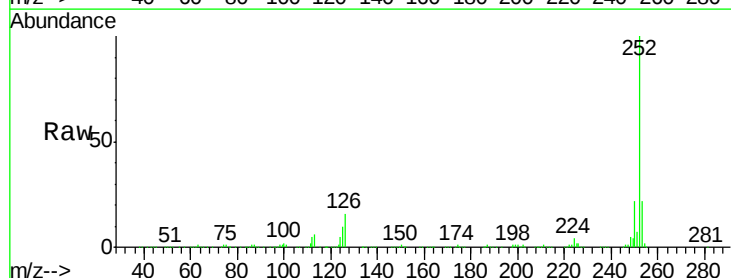
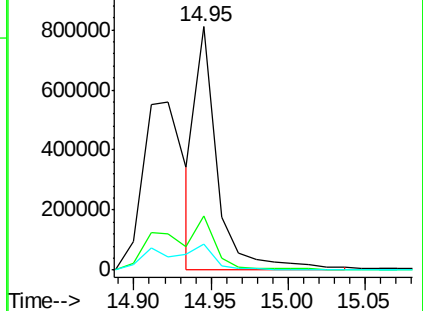
253 22.1 17.8 26.6

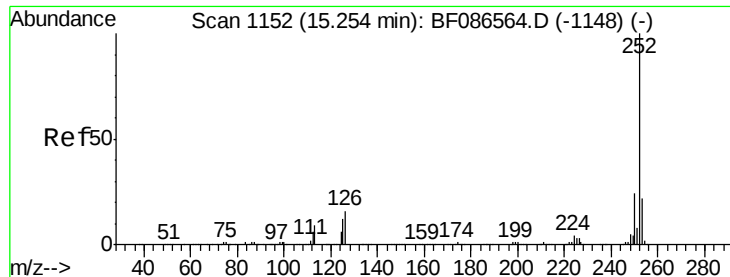
125 10.5 9.1 13.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





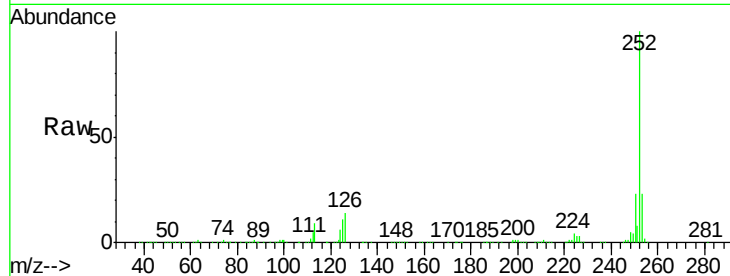
#89
Benzo(a)pyrene
Concen: 51.96 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

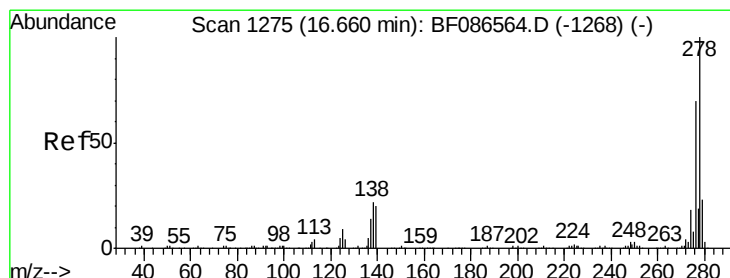
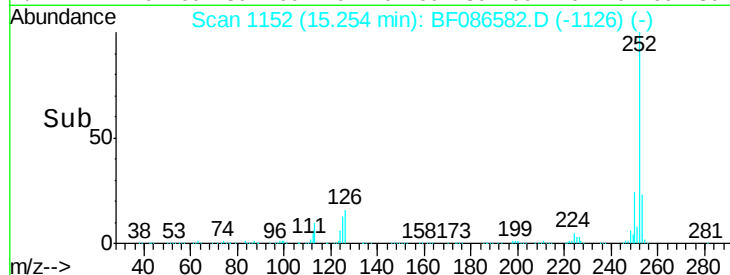
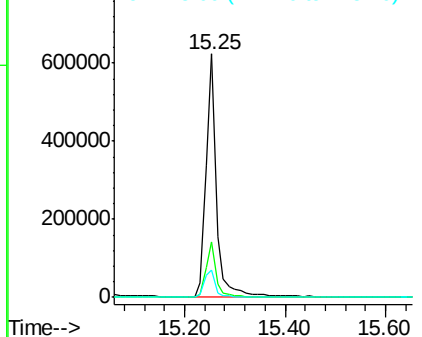
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.0	9.0	13.6

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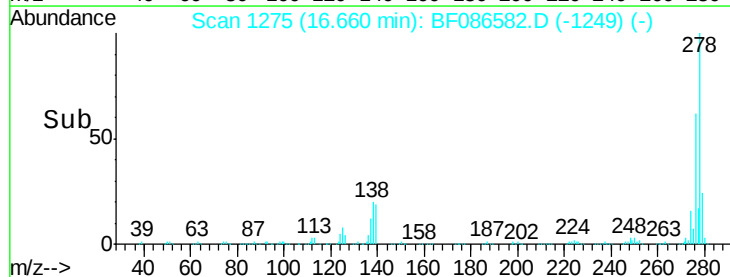
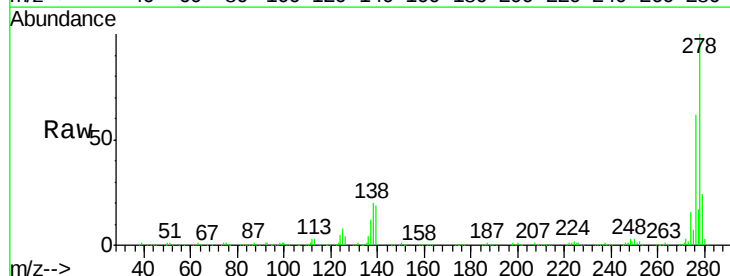
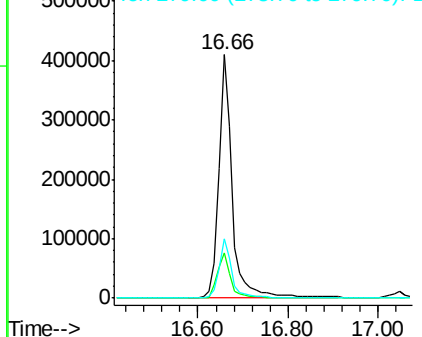
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

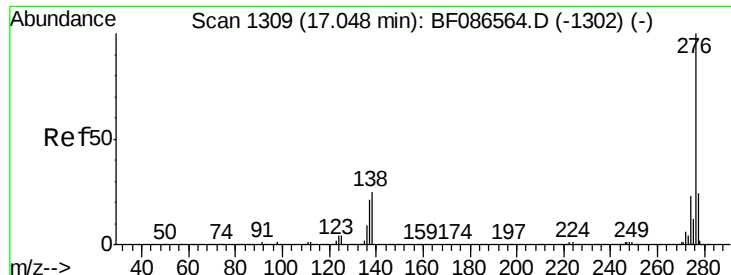


#90
Dibenzo(a,h)anthracene
Concen: 61.32 ng
RT: 16.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF086582.D
Acq: 1 May 2016 20:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.6	24.8
279	24.2	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





#91
 Benzo(g,h,i)perylene
 Concen: 59.26 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF086582.D
 Acq: 1 May 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt	Ion	276	Resp:	829511
Ion	Ratio	Lower	Upper	
276	100			
277	23.7	19.6	29.4	
138	23.7	23.6	35.4	

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:47:07 PM

