

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079626.D
 Acq On : 31 May 2015 4:20
 Operator : TP/IZ
 Sample : G2309-06MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Manual Integrations
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 6/1/2015 8:48:08 PM

Quant Time: Jun 01 03:40:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 03:28:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	79229	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	322329	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	159659	20.00	ng	0.00
63) Phenanthrene-d10	12.51	188	294943	20.00	ng	0.00
75) Chrysene-d12	15.78	240	308490	20.00	ng	-0.01
86) Perylene-d12	17.49	264	301875	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	240845	52.73	ng	0.01
7) Phenol-d6	6.54	99	201904	34.68	ng	0.00
23) Nitrobenzene-d5	7.63	82	385555	69.14	ng	0.00
41) 2,4,6-Tribromophenol	11.66	330	196402	112.00	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	811275	72.49	ng	0.00
78) Terphenyl-d14	14.50	244	823513	62.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.76	88	29235	13.45	ng	# 100
3) Pyridine	2.41	79	55818	11.67	ng	96
4) n-Nitrosodimethylamine	2.33	42	31541	13.39	ng	97
6) Aniline	6.52	93	109670	13.27	ng	94
8) 2-Chlorophenol	6.67	128	156479	29.43	ng	96
9) Benzaldehyde	6.39	77	24093	5.27	ng	94
10) Phenol	6.56	94	79628	11.62	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	194031	39.13	ng	88
12) 1,3-Dichlorobenzene	6.86	146	193650	32.87	ng	95
13) 1,4-Dichlorobenzene	6.96	146	192505	32.03	ng	97
14) 1,2-Dichlorobenzene	7.14	146	186786	33.47	ng	97
15) Benzyl Alcohol	7.14	79	105122	24.57	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.31	45	272195	37.50	ng	94
17) 2-Methylphenol	7.30	107	101662	24.33	ng	# 95
18) Hexachloroethane	7.55	117	57616	27.85	ng	# 82
19) n-Nitroso-di-n-propylamine	7.47	70	146099	35.66	ng	# 85
20) 3+4-Methylphenols	7.50	107	124725	21.73	ng	92
22) Acetophenone	7.45	105	287447	39.80	ng	# 99
24) Nitrobenzene	7.66	77	194323	35.36	ng	96
25) Isophorone	7.96	82	380025	37.39	ng	100
26) 2-Nitrophenol	8.06	139	89894	34.55	ng	99
27) 2,4-Dimethylphenol	8.14	122	152768	32.66	ng	99
28) bis(2-Chloroethoxy)methane	8.25	93	248924	39.51	ng	99
29) 2,4-Dichlorophenol	8.36	162	152844	35.67	ng	97
30) 1,2,4-Trichlorobenzene	8.44	180	158297	35.62	ng	99
31) Naphthalene	8.54	128	610781	39.49	ng	99
32) Benzoic acid	8.26	122	34588	11.92	ng	94
33) 4-Chloroaniline	8.63	127	144743	22.40	ng	99
34) Hexachlorobutadiene	8.70	225	85678	33.89	ng	97
35) Caprolactam	9.06	113	9328	6.90	ng	# 89
36) 4-Chloro-3-methylphenol	9.24	107	146167	32.89	ng	98
37) 2-Methylnaphthalene	9.39	142	398310	37.09	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	156790	35.11	ng	# 100
40) Hexachlorocyclopentadiene	9.59	237	15275	21.74	ng	95

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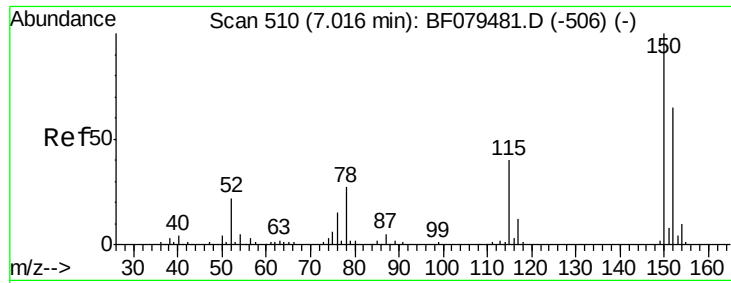
Manual Integrations
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Quant Time: Jun 01 03:40:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	108301	34.73	ng	99
43) 2,4,5-Trichlorophenol	9.82	196	111123	35.80	ng	98
45) 1,1'-Biphenyl	9.98	154	456830	36.63	ng	98
46) 2-Chloronaphthalene	10.00	162	367524	37.32	ng	95
47) 2-Nitroaniline	10.14	65	107403	36.68	ng	# 82
48) Acenaphthylene	10.50	152	588807	36.02	ng	99
49) Dimethylphthalate	10.38	163	468430	39.82	ng	100
50) 2,6-Dinitrotoluene	10.46	165	87996	37.44	ng	98
51) Acenaphthene	10.72	154	354817	37.96	ng	98
52) 3-Nitroaniline	10.65	138	78783	25.77	ng	90
53) 2,4-Dinitrophenol	10.81	184	15192	27.00	ng	93
54) Dibenzofuran	10.94	168	525420	38.11	ng	94
55) 4-Nitrophenol	10.91	139	29950m	17.67	ng	
56) 2,4-Dinitrotoluene	10.95	165	114899	36.45	ng	99
57) Fluorene	11.36	166	438850	38.62	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.10	232	90029	39.85	ng	# 100
59) Diethylphthalate	11.24	149	437484	37.99	ng	94
60) 4-Chlorophenyl-phenylether	11.37	204	194234	39.55	ng	89
61) 4-Nitroaniline	11.41	138	89383	31.38	ng	92
62) Azobenzene	11.57	77	451341	40.30	ng	94
64) 4,6-Dinitro-2-methylphenol	11.46	198	15398	15.82	ng	# 22
65) n-Nitrosodiphenylamine	11.52	169	352905	36.03	ng	99
66) 4-Bromophenyl-phenylether	11.98	248	119473	39.34	ng	# 90
67) Hexachlorobenzene	12.03	284	134323	38.79	ng	# 86
68) Atrazine	12.21	200	115639	43.70	ng	98
69) Pentachlorophenol	12.29	266	113567	85.61	ng	97
70) Phenanthrene	12.54	178	606976	37.51	ng	98
71) Anthracene	12.61	178	623606	37.96	ng	99
72) Carbazole	12.82	167	618138	39.08	ng	98
73) Di-n-butylphthalate	13.28	149	776034	43.83	ng	99
74) Fluoranthene	14.01	202	691292	39.84	ng	97
76) Benzidine	14.21	184	41614	6.30	ng	98
77) Pyrene	14.29	202	715774	37.45	ng	99
79) Butylbenzylphthalate	15.13	149	355522	41.36	ng	90
80) Benzo(a)anthracene	15.77	228	656339	36.98	ng	100
81) 3,3'-Dichlorobenzidine	15.76	252	206008	31.70	ng	99
82) Chrysene	15.82	228	615738	36.50	ng	100
83) Bis(2-ethylhexyl)phthalate	15.85	149	530802	43.11	ng	# 98
84) Di-n-octyl phthalate	16.63	149	897746	41.89	ng	100
85) Indeno(1,2,3-cd)pyrene	18.77	276	757264	34.90	ng	99
87) Benzo(b)fluoranthene	17.05	252	796543	46.27	ng	99
88) Benzo(k)fluoranthene	17.09	252	503876m	32.73	ng	
89) Benzo(a)pyrene	17.43	252	634994	41.93	ng	99
90) Dibenzo(a,h)anthracene	18.79	278	627074	39.51	ng	99
91) Benzo(g,h,i)perylene	19.14	276	641073	40.71	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

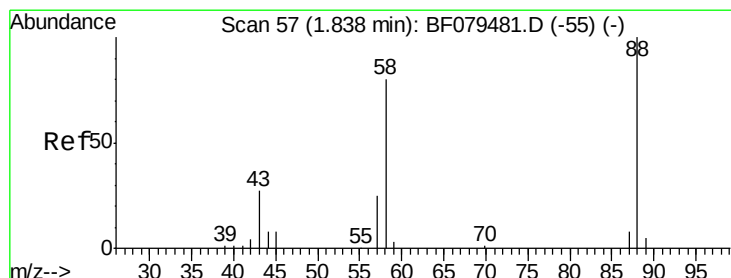
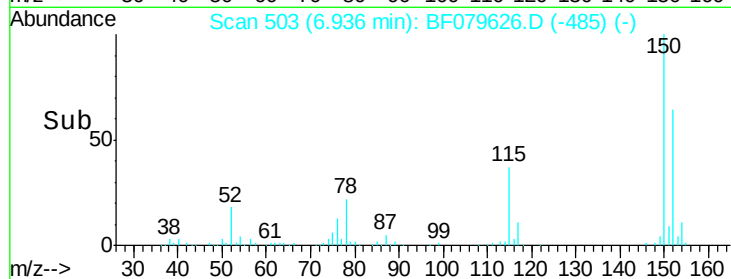
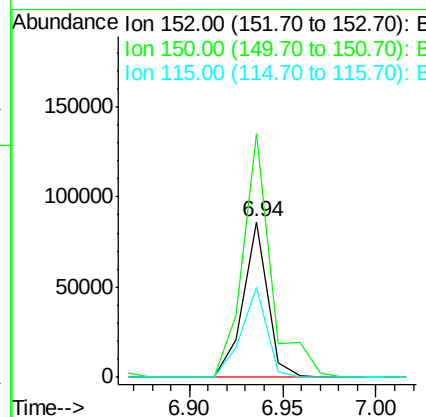
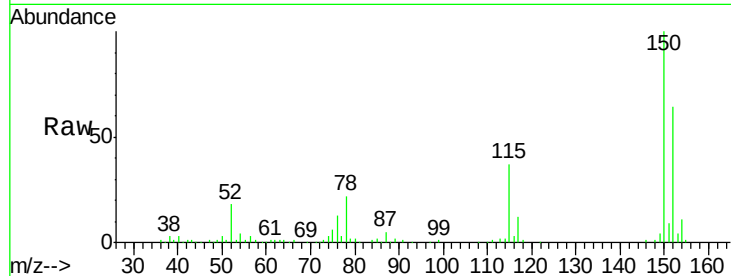
ClientSampleId :

PX4MSD

Tgt Ion:	152	Resp:	79229
Ion Ratio	Lower	Upper	
152	100		
150	156.7	124.0	186.0
115	57.7	49.6	74.4

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#2

1,4-Dioxane

Concen: 13.45 ng

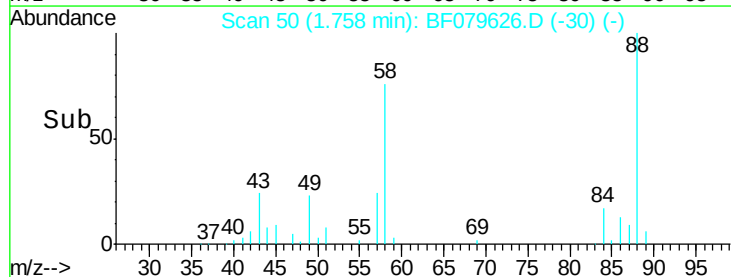
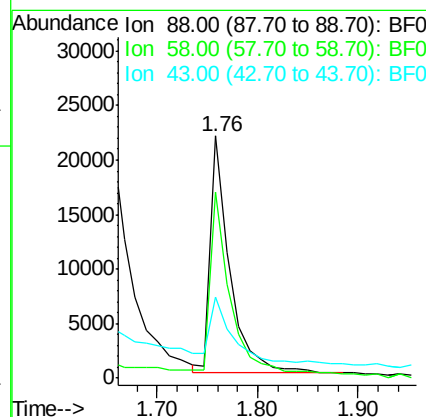
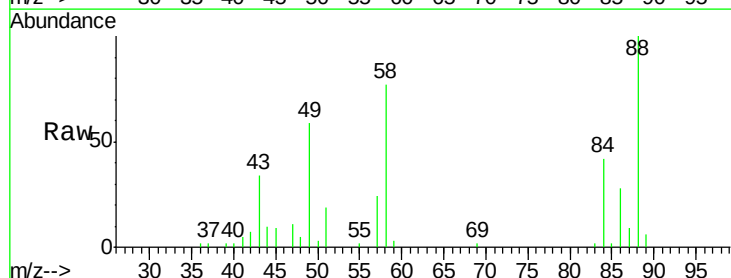
RT: 1.76 min Scan# 50

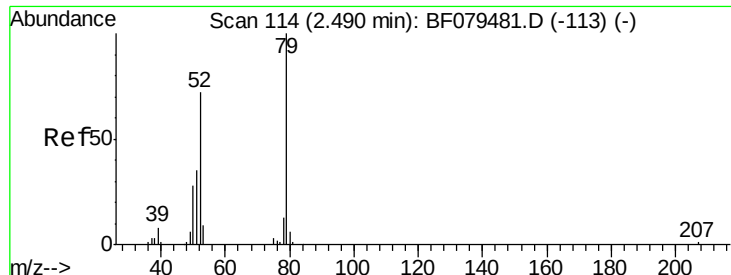
Delta R.T. 0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:	88	Resp:	29235
Ion Ratio	Lower	Upper	
88	100		
58	78.3	0.0	0.0#
43	35.1	0.0	0.0#





#3

Pyridine

Concen: 11.67 ng

RT: 2.41 min Scan# 107

Delta R.T. 0.06 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

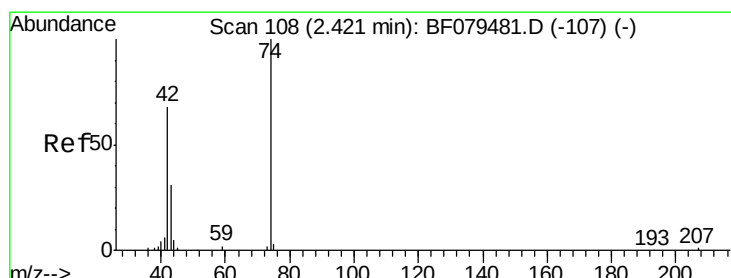
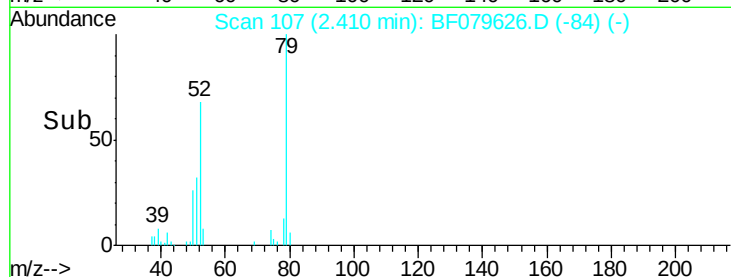
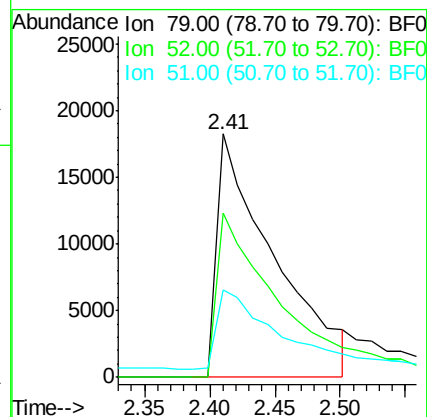
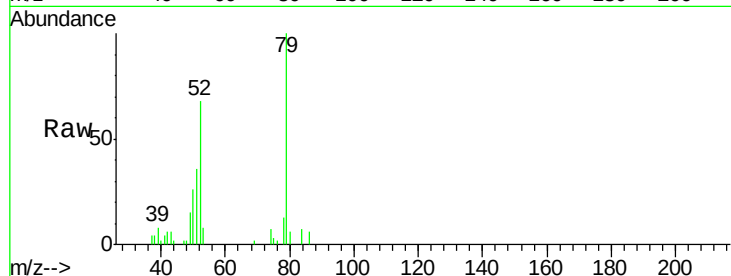
ClientSampleId :

PX4MSD

Tgt Ion:	79	Resp:	55818
Ion Ratio	Lower	Upper	
79	100		
52	67.6	57.4	86.2
51	35.8	29.4	44.0

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#4

n-Nitrosodimethylamine

Concen: 13.39 ng

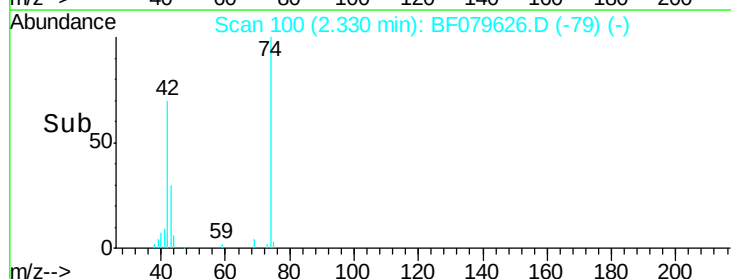
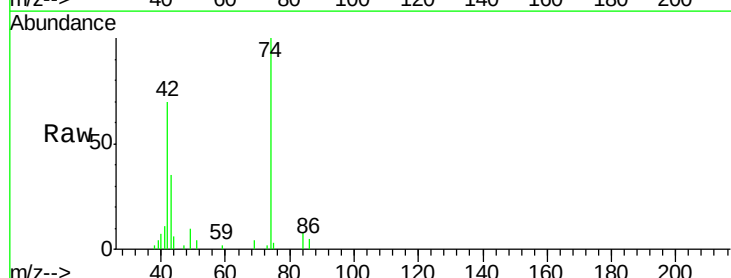
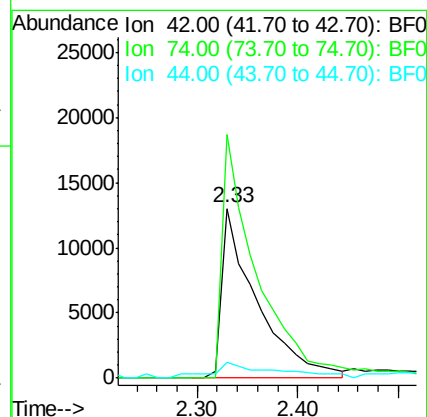
RT: 2.33 min Scan# 100

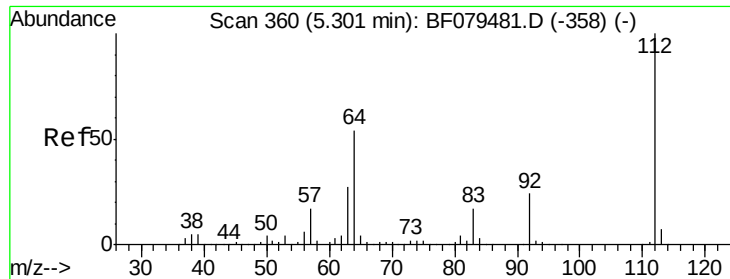
Delta R.T. 0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:	42	Resp:	31541
Ion Ratio	Lower	Upper	
42	100		
74	143.4	117.6	176.4
44	9.0	6.9	10.3





#5

2-Fluorophenol

Concen: 52.73 ng

RT: 5.21 min Scan# 352

Delta R.T. 0.01 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

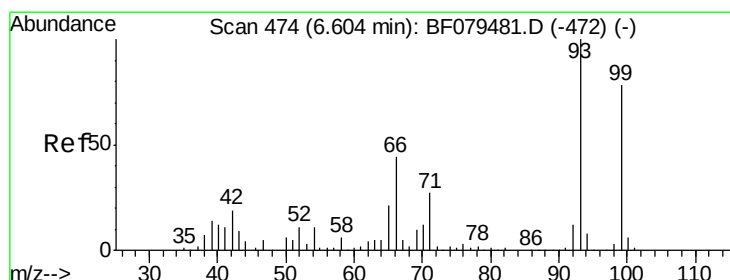
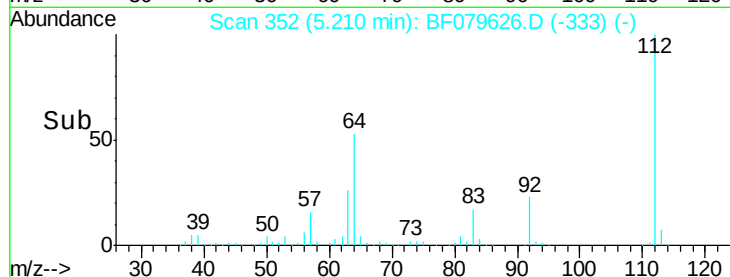
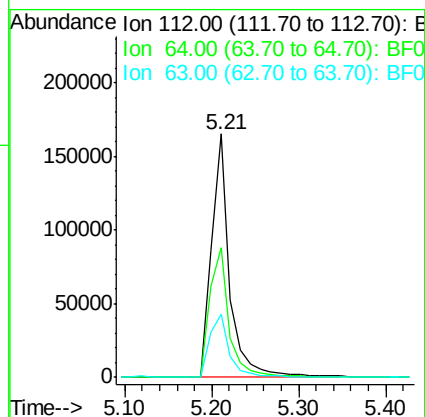
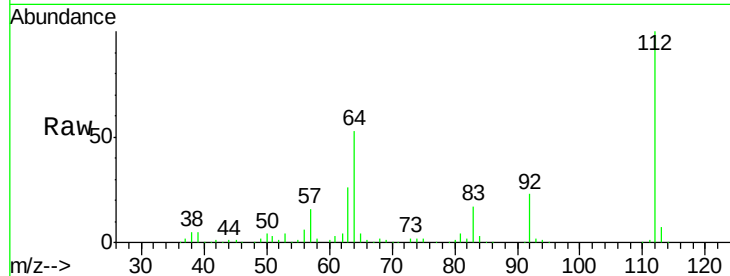
ClientSampled :

PX4MSD

Tgt Ion:	112	Resp:	240845
Ion Ratio	Lower	Upper	
112	100		
64	53.0	43.5	65.3
63	26.2	21.8	32.8

Manual Integrations
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#6

Aniline

Concen: 13.27 ng

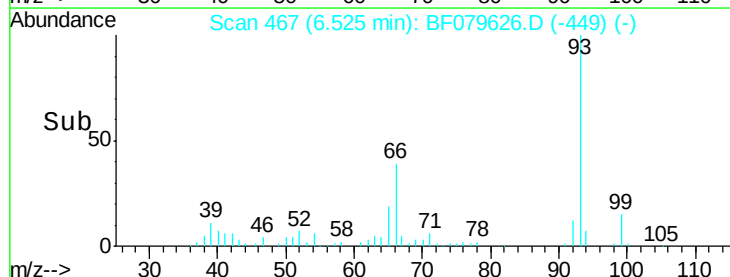
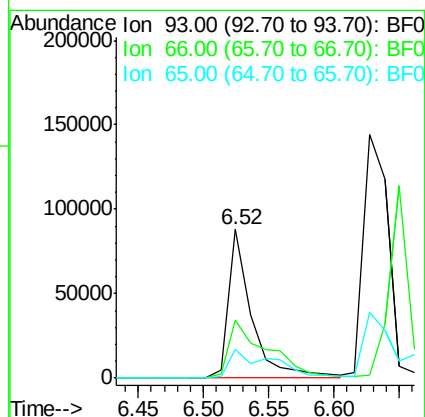
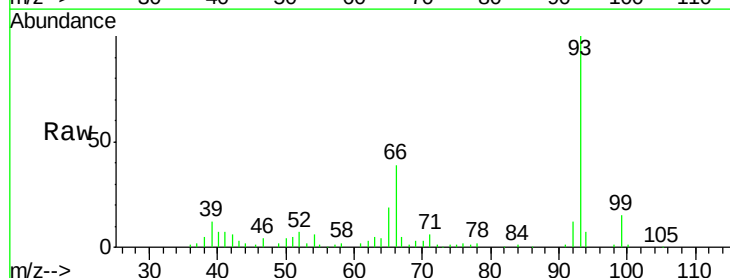
RT: 6.52 min Scan# 467

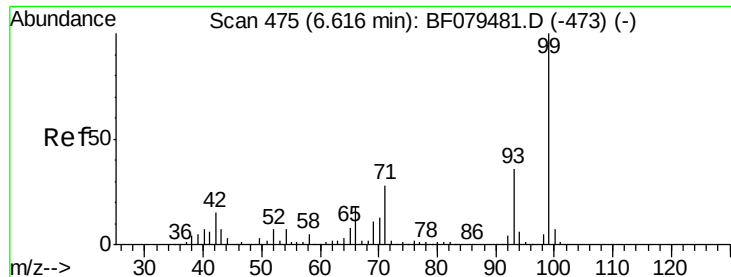
Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:	93	Resp:	109670
Ion Ratio	Lower	Upper	
93	100		
66	39.1	34.8	52.2
65	19.1	16.7	25.1





#7

Phenol-d6

Concen: 34.68 ng

RT: 6.54 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

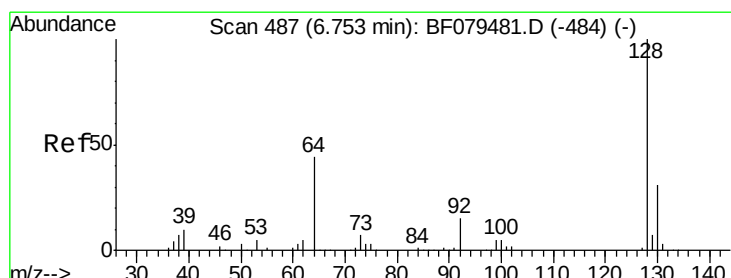
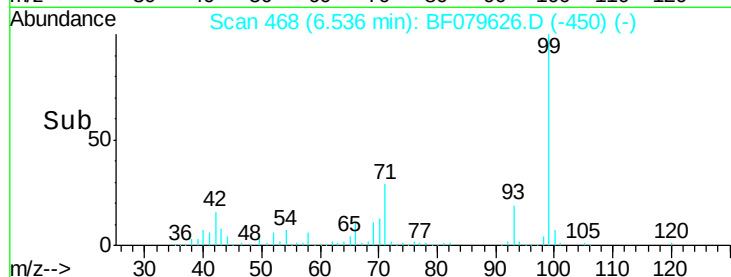
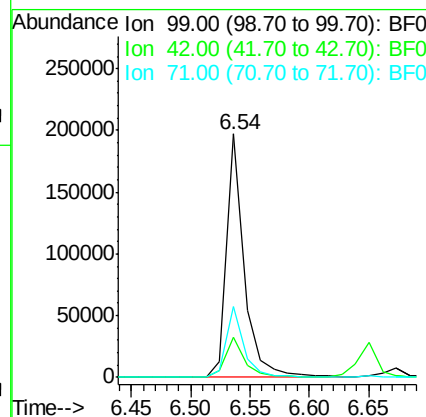
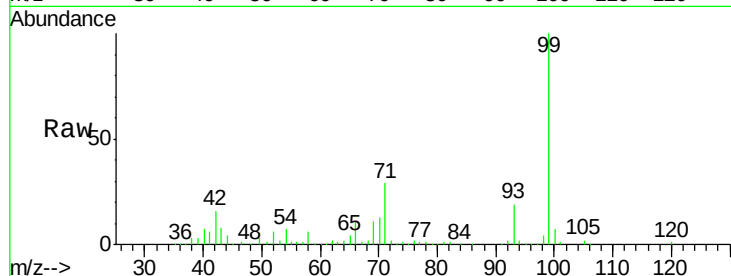
ClientSampleId :

PX4MSD

Tgt Ion:	99	Resp:	201904
Ion Ratio	Lower	Upper	
99	100		
42	16.4	11.9	17.9
71	29.1	22.1	33.1

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#8

2-Chlorophenol

Concen: 29.43 ng

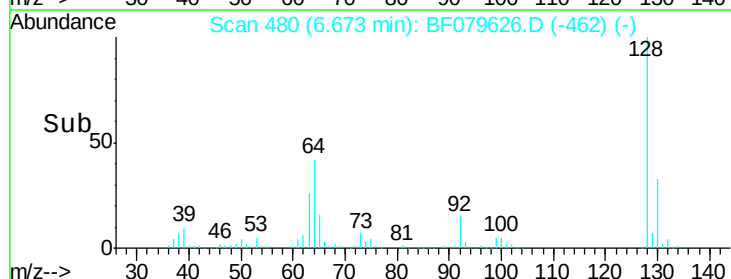
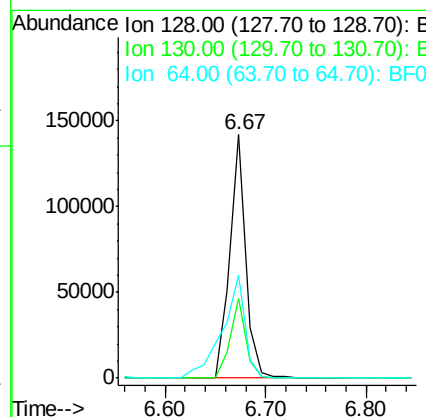
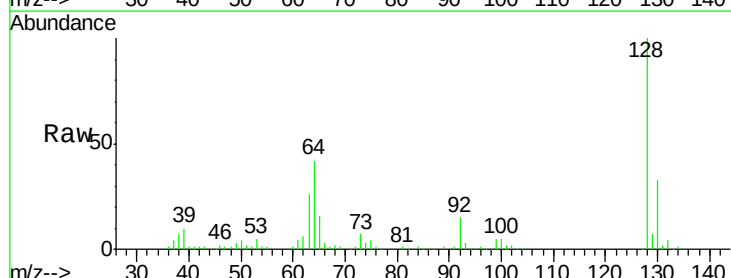
RT: 6.67 min Scan# 480

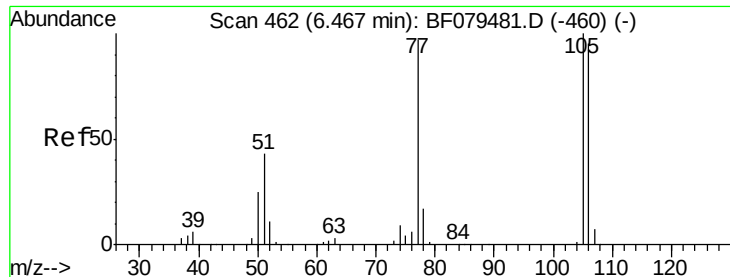
Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:	128	Resp:	156479
Ion Ratio	Lower	Upper	
128	100		
130	33.0	11.4	51.4
64	42.3	25.9	65.9





#9

Benzaldehyde

Concen: 5.27 ng

RT: 6.39 min Scan# 455

Delta R.T. 0.01 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

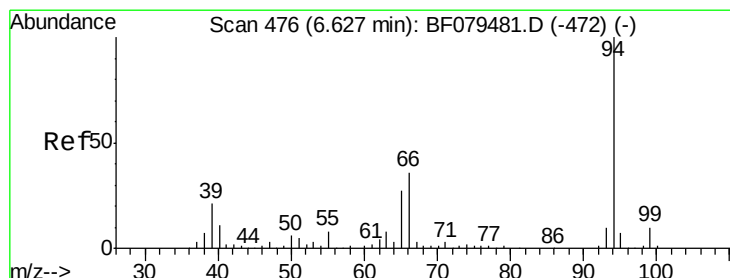
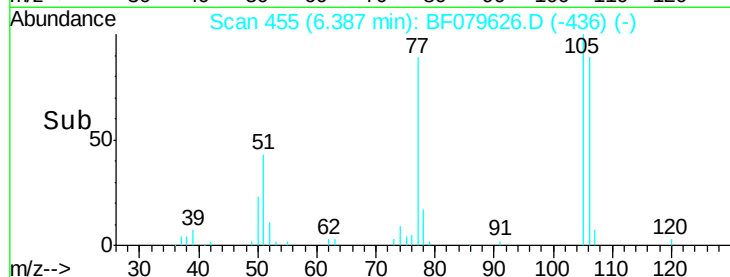
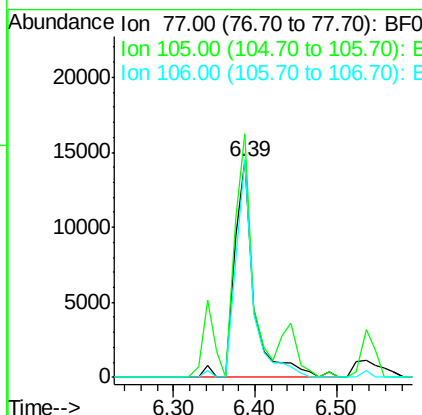
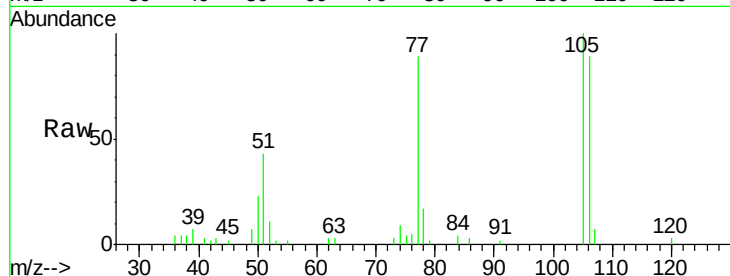
ClientSampleId :

PX4MSD

Tgt Ion:	77	Resp:	24093
Ion Ratio	Lower	Upper	
77	100		
105	112.5	83.3	123.3
106	100.5	78.4	118.4

Manual Integrations
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#10

Phenol

Concen: 11.62 ng

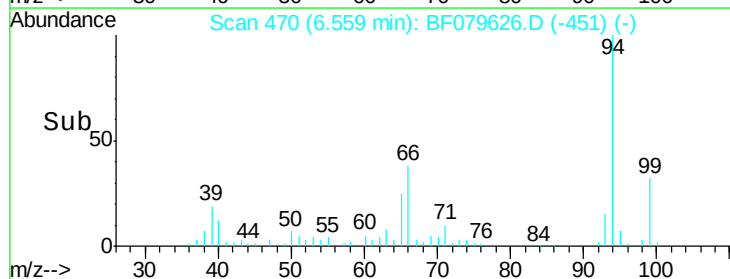
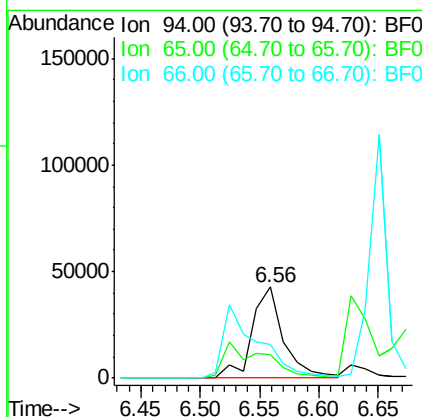
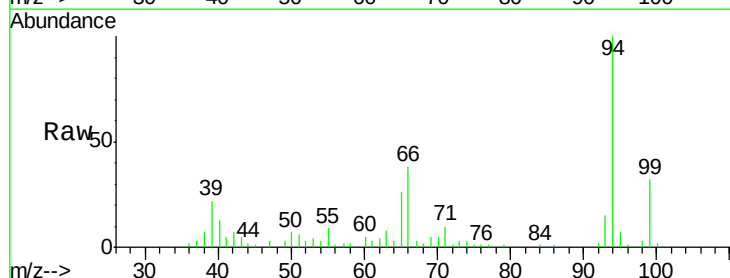
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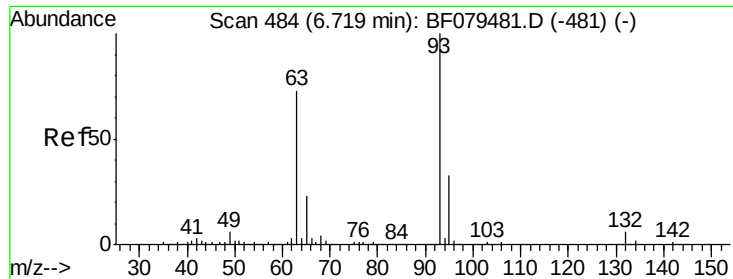
Delta R.T. 0.01 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:	94	Resp:	79628
Ion Ratio	Lower	Upper	
94	100		
65	26.0	7.2	47.2
66	37.8	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.13 ng

RT: 6.63 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

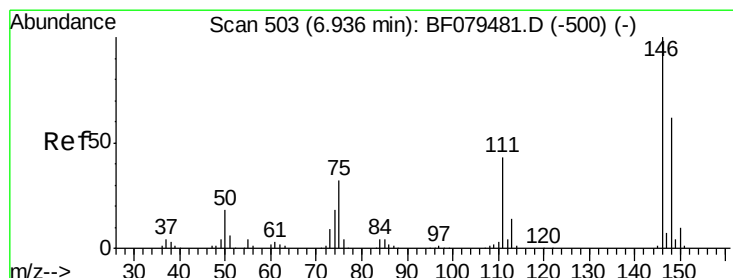
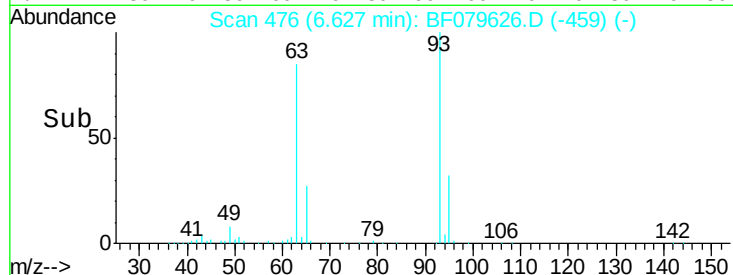
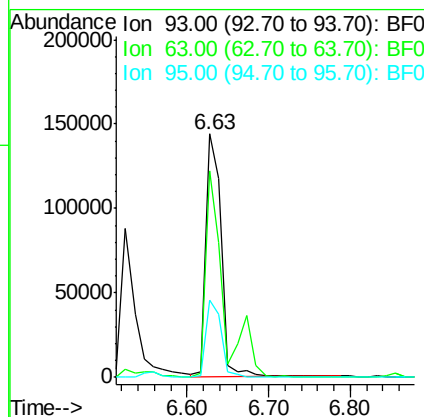
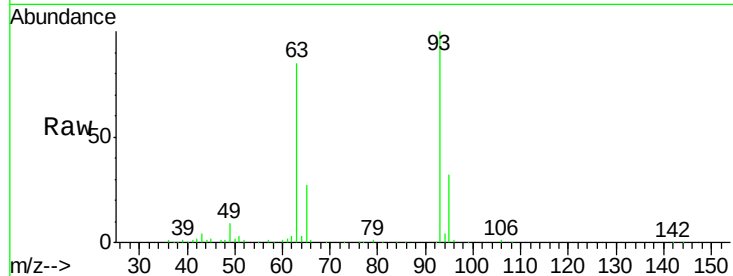
ClientSampleId :

PX4MSD

Tgt Ion:	93	Resp:	194031
Ion Ratio	Lower	Upper	
93	100		
63	84.9	51.8	91.8
95	31.6	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 32.87 ng

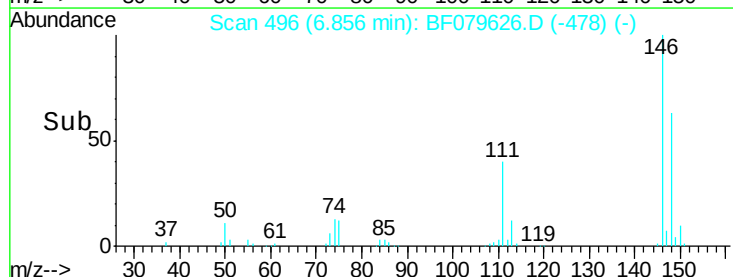
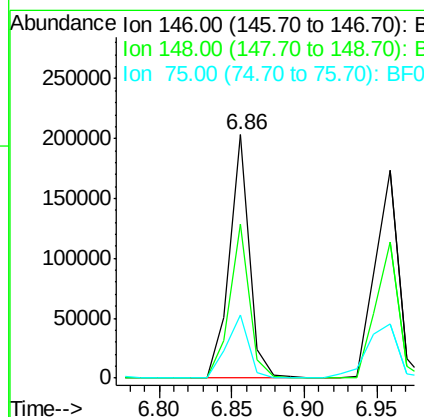
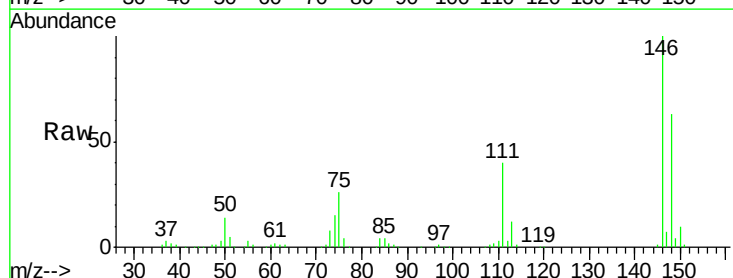
RT: 6.86 min Scan# 496

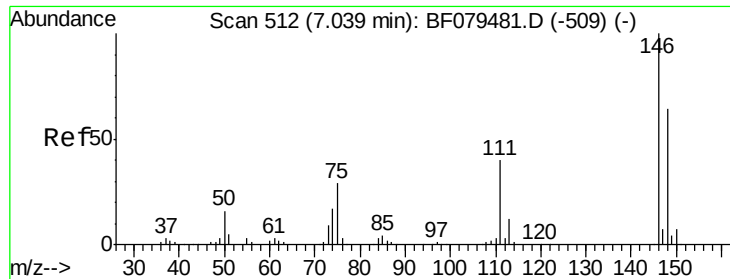
Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:	146	Resp:	193650
Ion Ratio	Lower	Upper	
146	100		
148	63.4	49.6	74.4
75	26.0	25.9	38.9





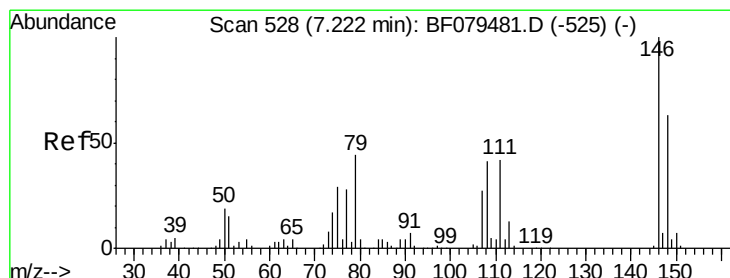
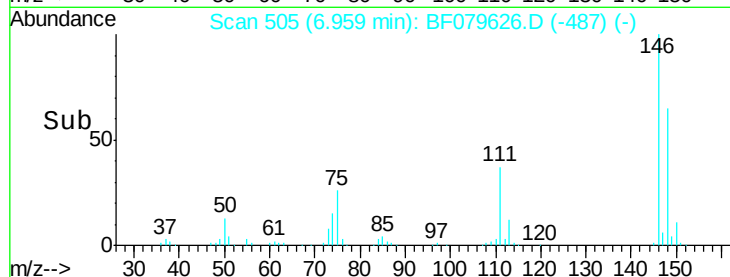
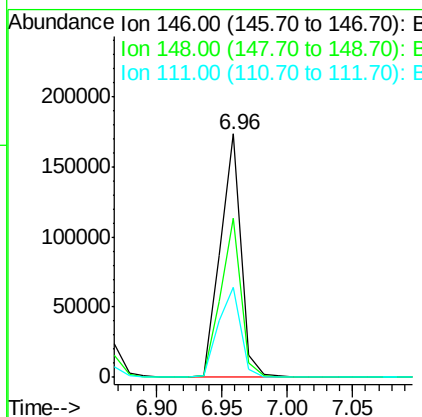
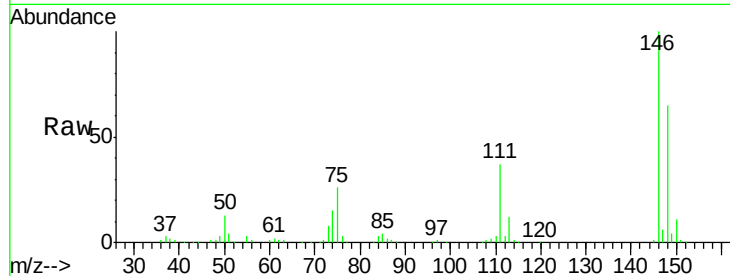
#13
 1,4-Dichlorobenzene
 Concen: 32.03 ng
 RT: 6.96 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192505		
148	65.4	51.3	76.9	
111	37.1	31.8	47.8	

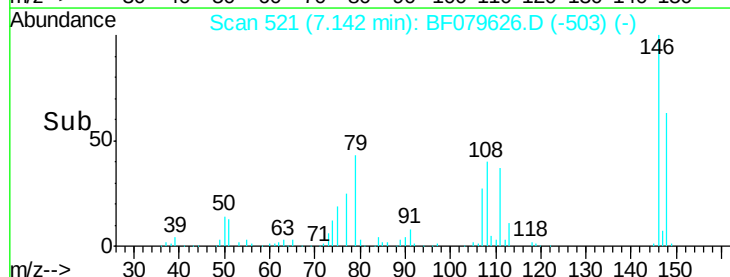
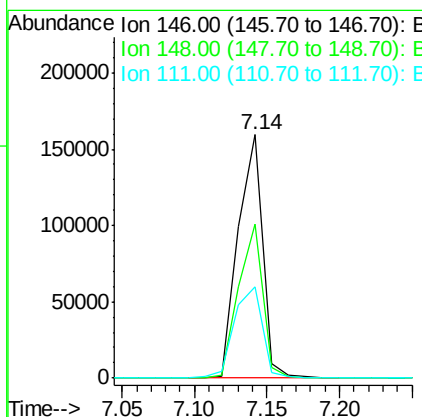
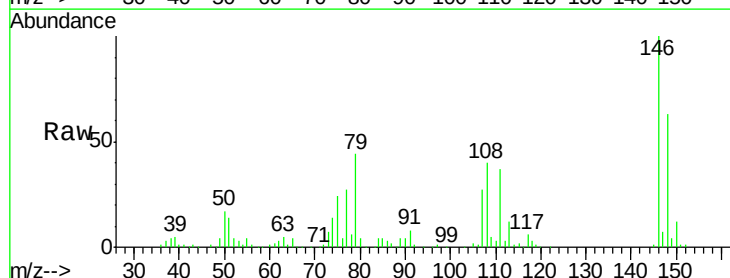
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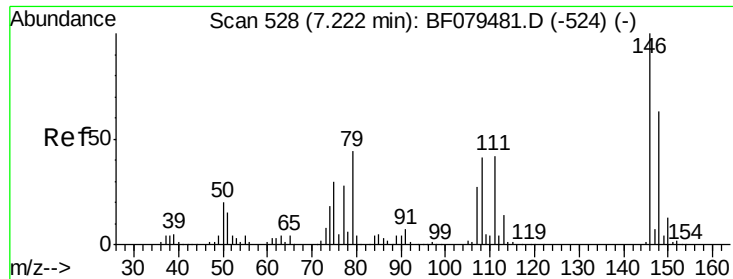
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#14
 1,2-Dichlorobenzene
 Concen: 33.47 ng
 RT: 7.14 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	186786		
148	63.4	50.6	76.0	
111	37.3	33.2	49.8	





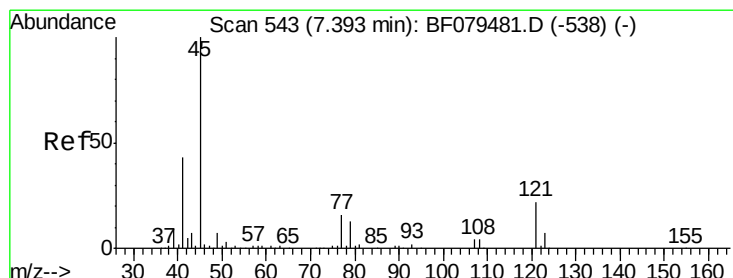
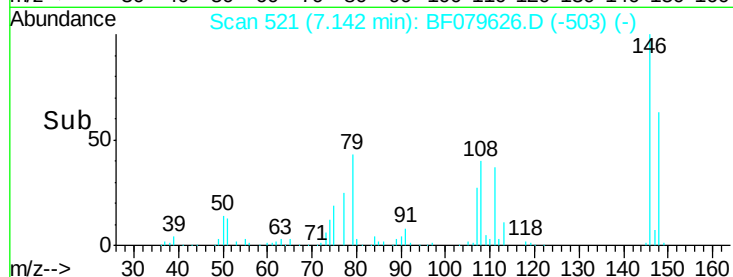
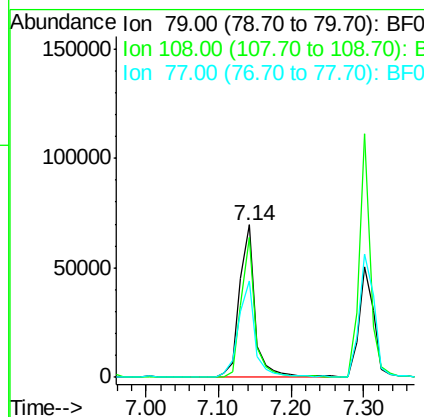
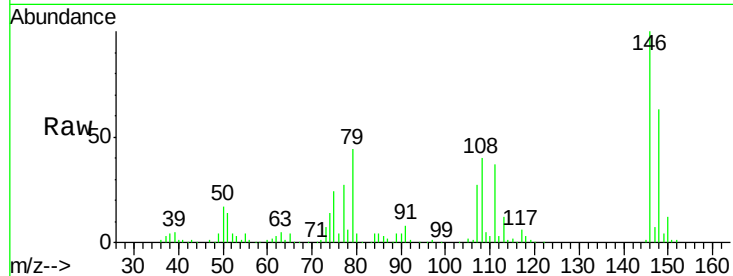
#15
Benzyl Alcohol
Concen: 24.57 ng
RT: 7.14 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	105122		
108	91.5	73.7	110.5	
77	62.8	51.1	76.7	

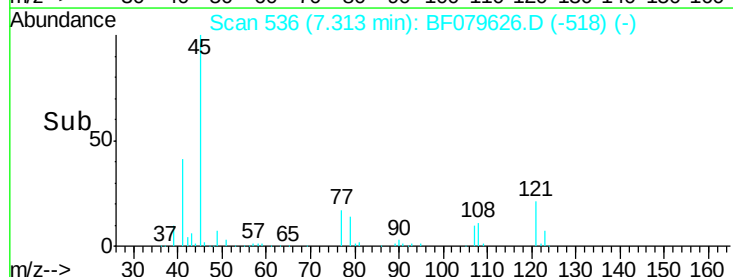
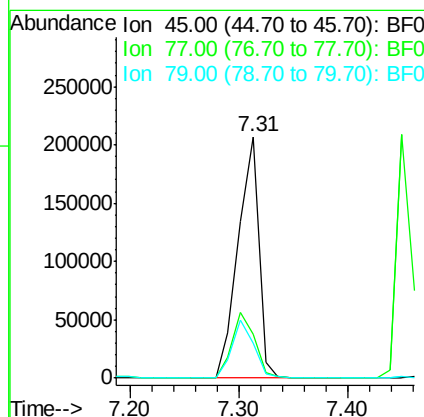
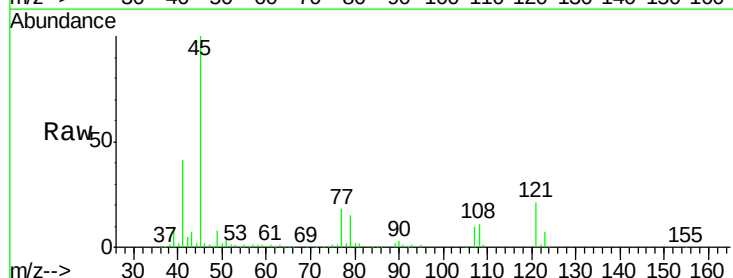
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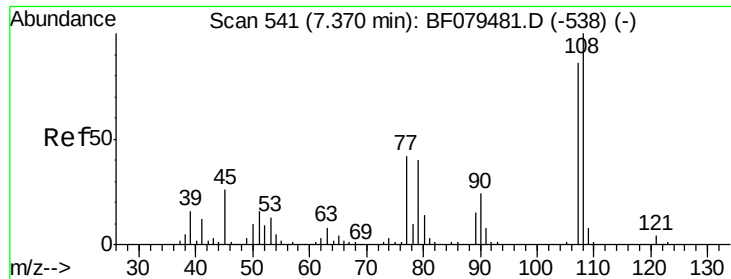
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.50 ng
RT: 7.31 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	272195		
77	18.2	0.0	35.5	
79	14.7	0.0	32.8	





#17

2-Methylphenol

Concen: 24.33 ng

RT: 7.30 min Scan# 535

Delta R.T. 0.01 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

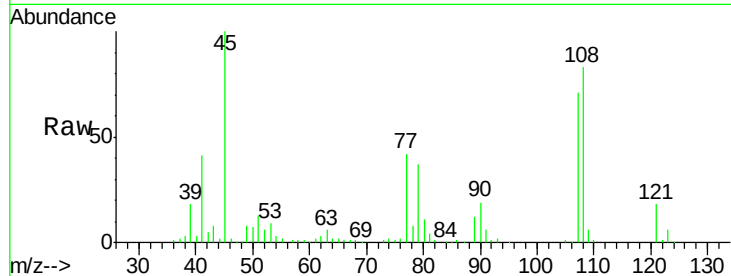
ClientSampleId :

PX4MSD

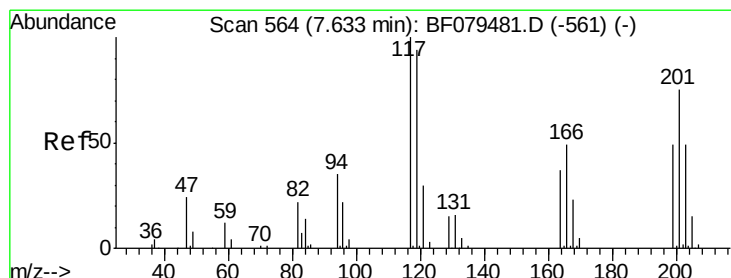
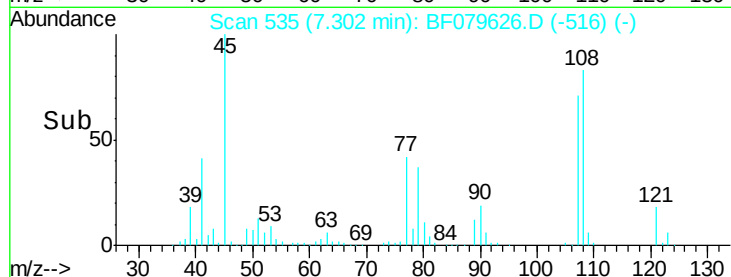
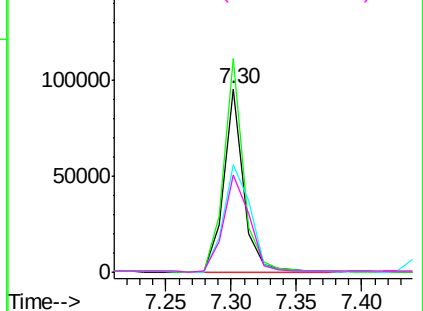
Tgt	Ion:107	Resp:	101662
Ion	Ratio	Lower	Upper
107	100		
108	116.4	93.1	139.7
77	58.9	39.2	58.8#
79	52.7	37.8	56.8

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 27.85 ng

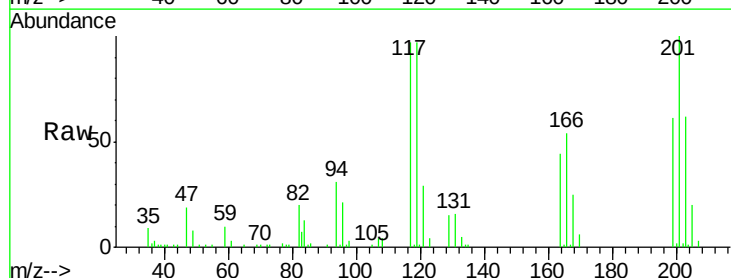
RT: 7.55 min Scan# 557

Delta R.T. 0.00 min

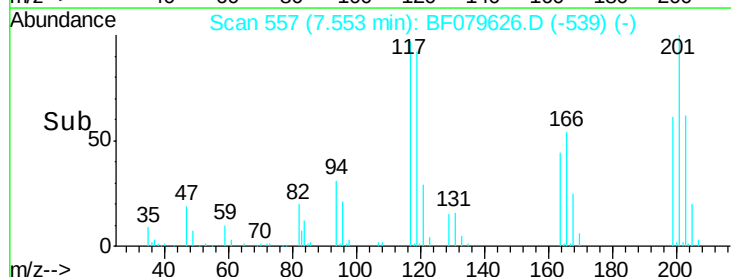
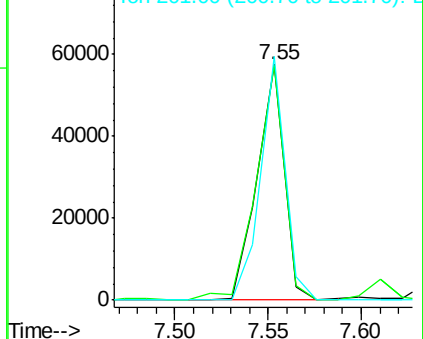
Lab File: BF079626.D

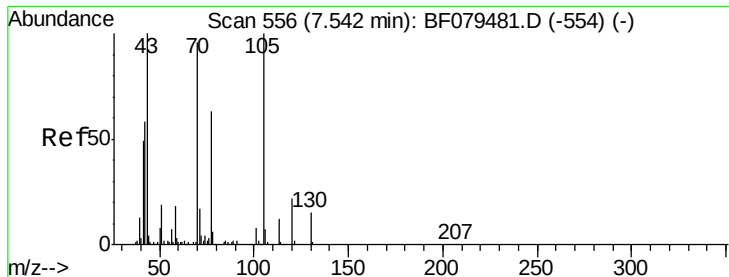
Acq: 31 May 2015 4:20

Tgt	Ion:117	Resp:	57616
Ion	Ratio	Lower	Upper
117	100		
119	99.8	74.9	112.3
201	103.3	60.2	90.4#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





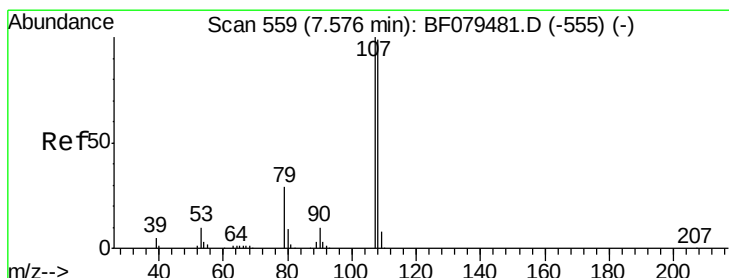
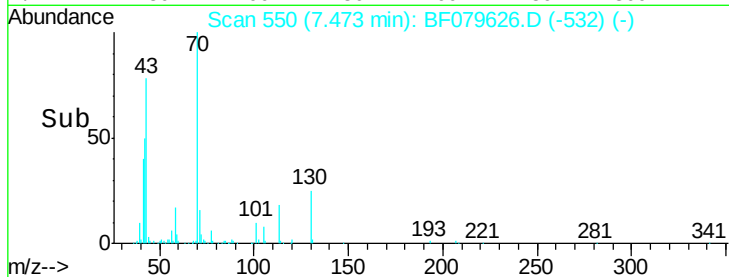
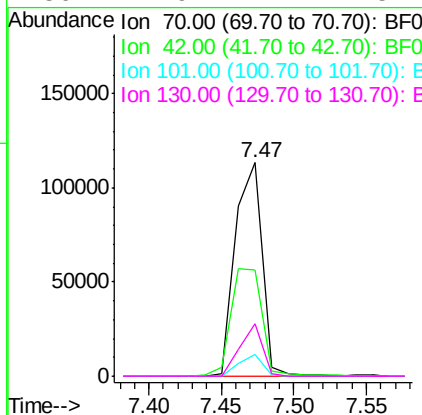
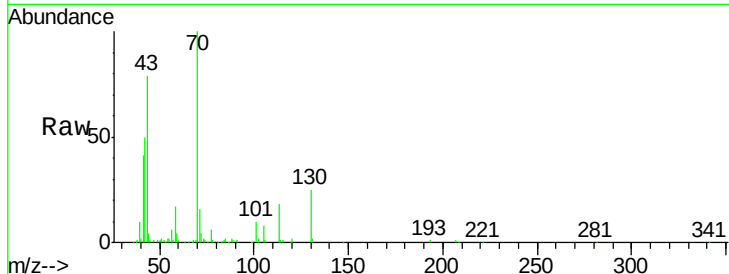
#19
 n-Nitroso-di-n-propylamine
 Concen: 35.66 ng
 RT: 7.47 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.1	48.8	73.2
101	10.3	6.6	9.8#
130	24.9	12.2	18.4#

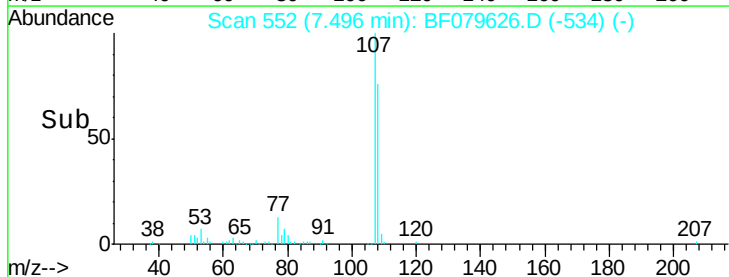
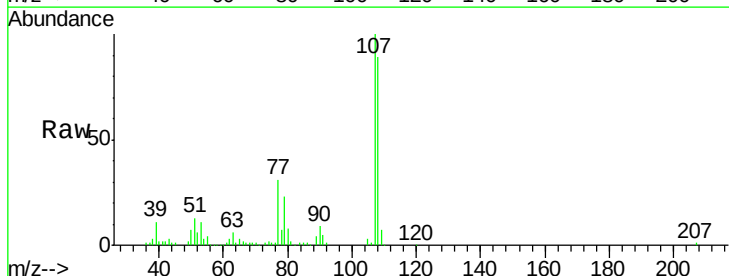
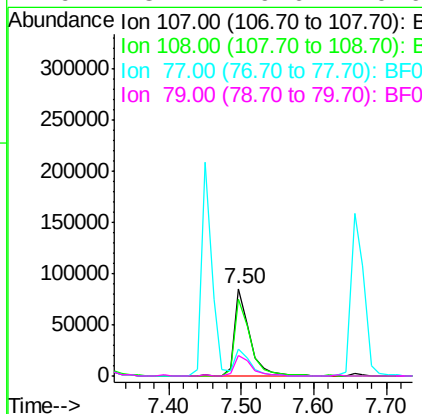
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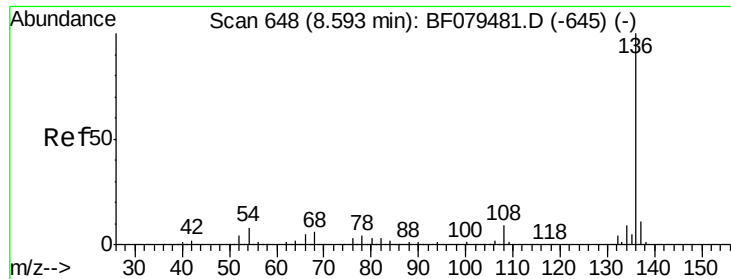
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#20
 3+4-Methylphenols
 Concen: 21.73 ng
 RT: 7.50 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	77.7	117.7
77	30.6	11.4	51.4
79	23.4	9.6	49.6





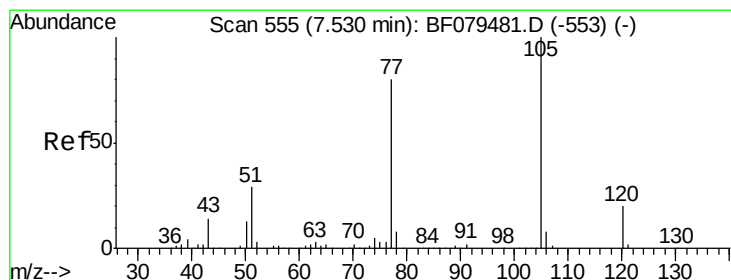
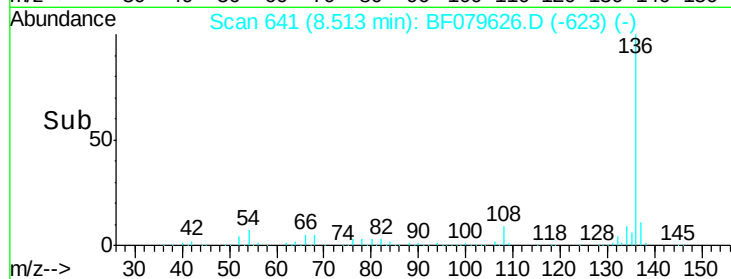
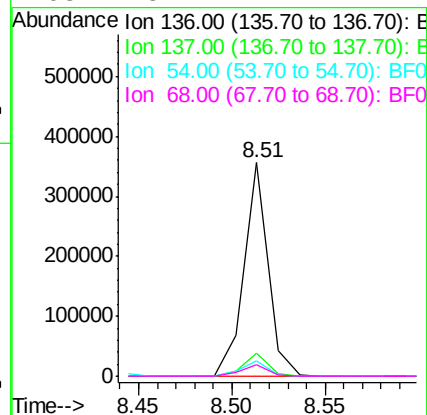
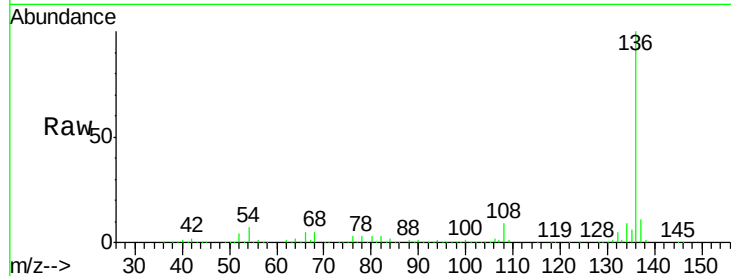
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampled :
PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	322329		
137	10.9	8.5	12.7	
54	7.3	6.6	9.8	
68	5.4	4.7	7.1	

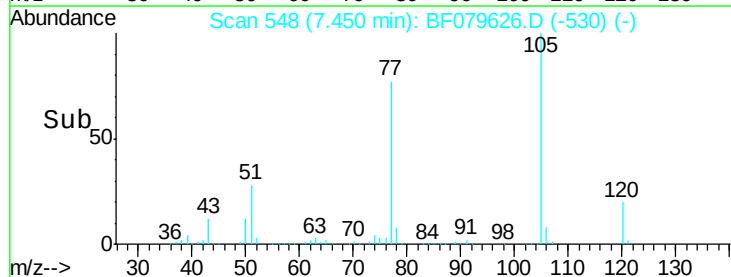
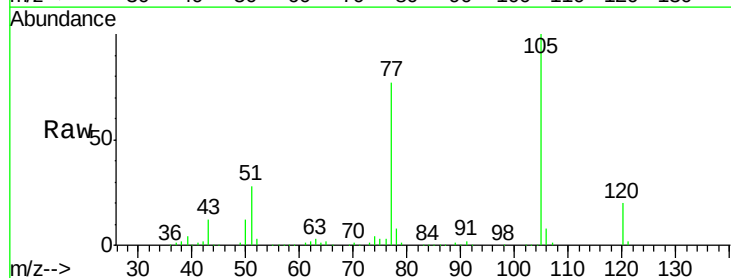
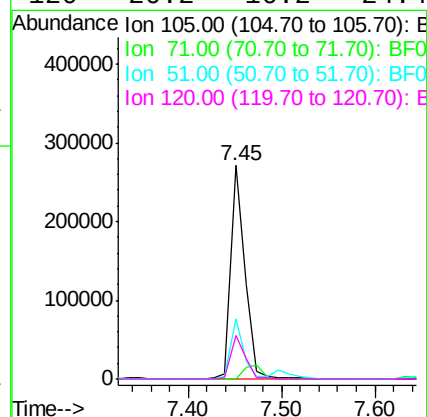
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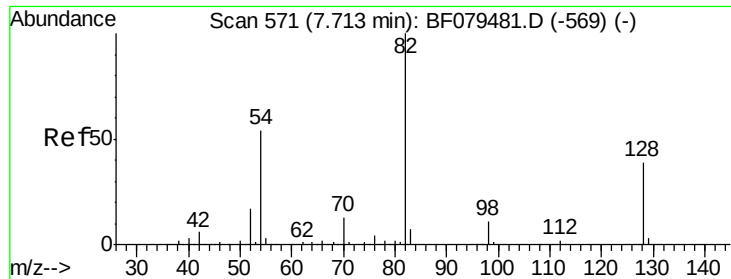
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#22
Acetophenone
Concen: 39.80 ng
RT: 7.45 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	287447		
71	0.2	0.2	0.4#	
51	28.3	23.7	35.5	
120	20.2	16.2	24.4	





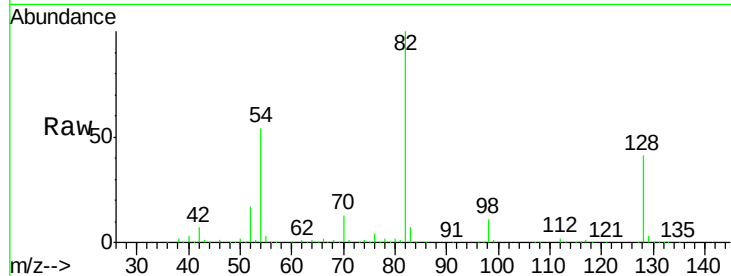
#23
 Nitrobenzene-d5
 Concen: 69.14 ng
 RT: 7.63 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

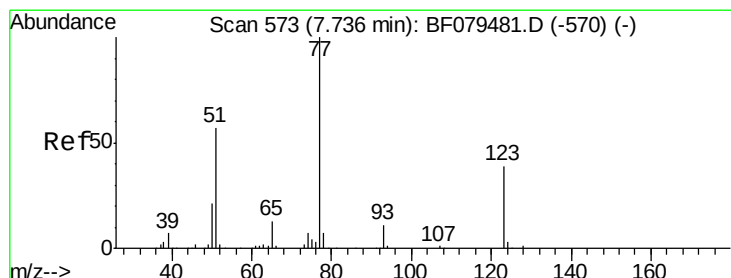
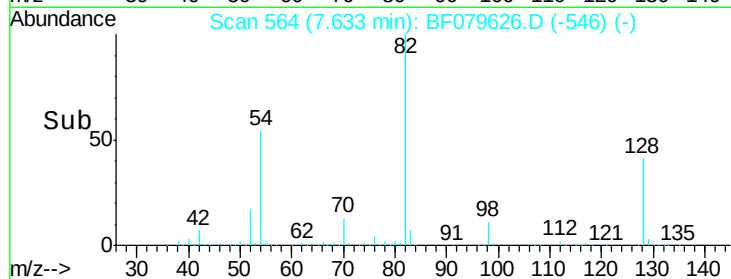
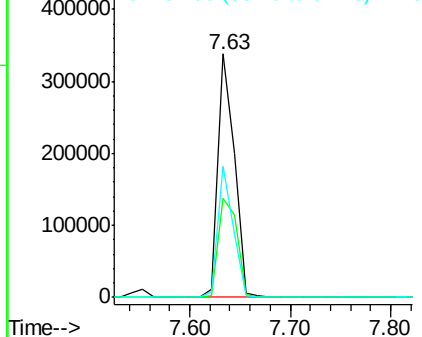
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	40.5	30.8	46.2
54	54.0	42.8	64.2

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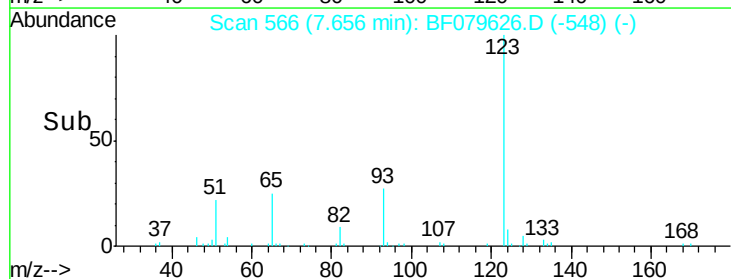
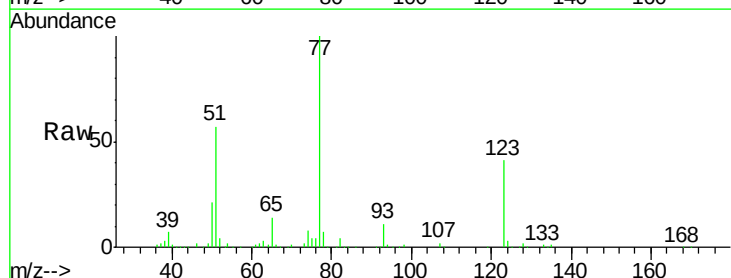
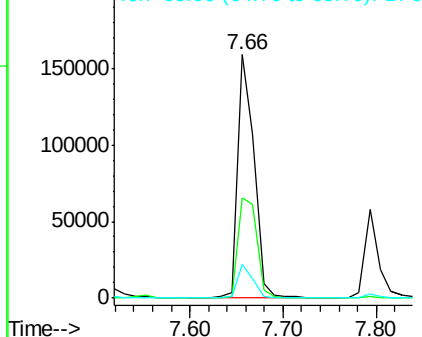
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

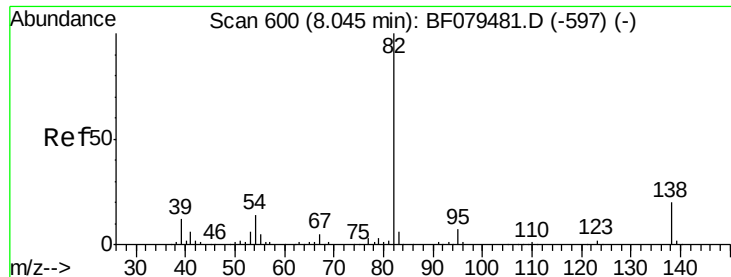


#24
 Nitrobenzene
 Concen: 35.36 ng
 RT: 7.66 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	41.4	31.0	46.4
65	13.6	10.6	15.8

Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.39 ng

RT: 7.96 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

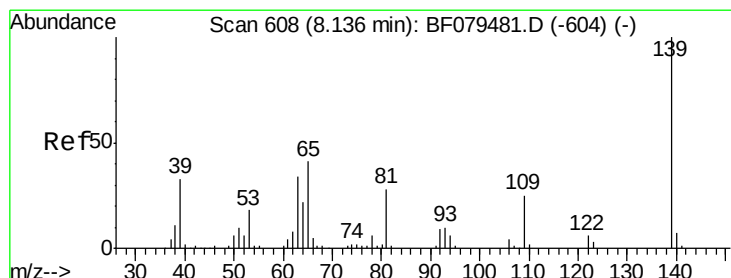
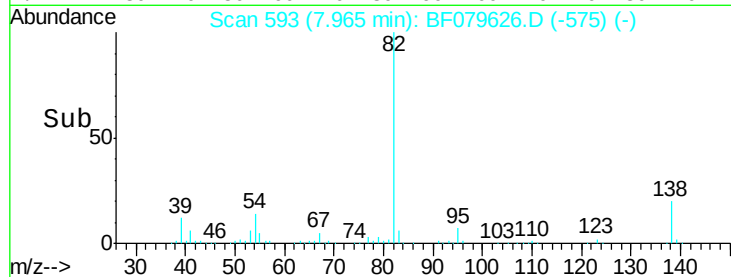
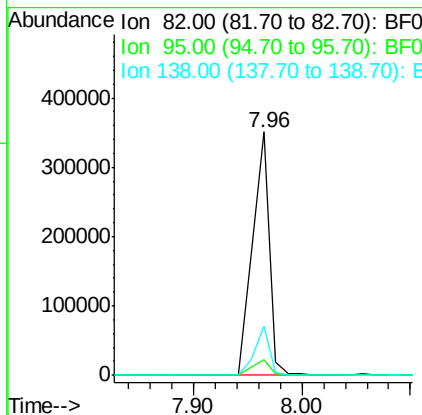
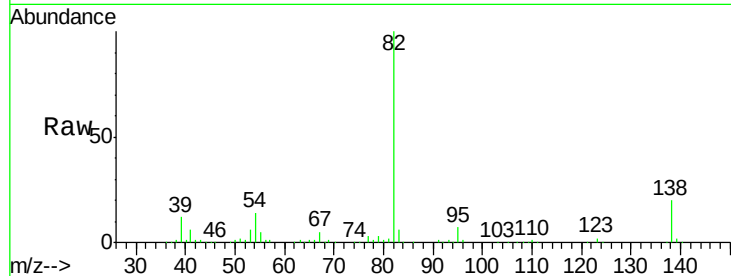
ClientSampleId :

PX4MSD

Tgt Ion:	82	Resp:	380025
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.5	8.3
138	20.0	16.1	24.1

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#26

2-Nitrophenol

Concen: 34.55 ng

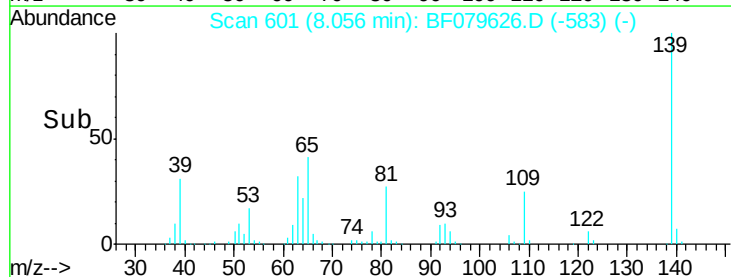
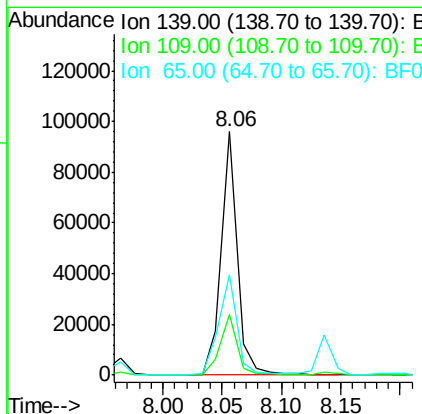
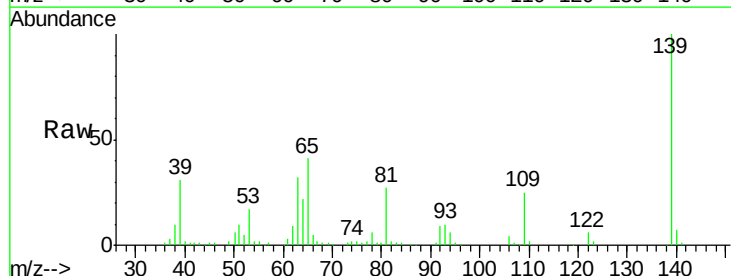
RT: 8.06 min Scan# 601

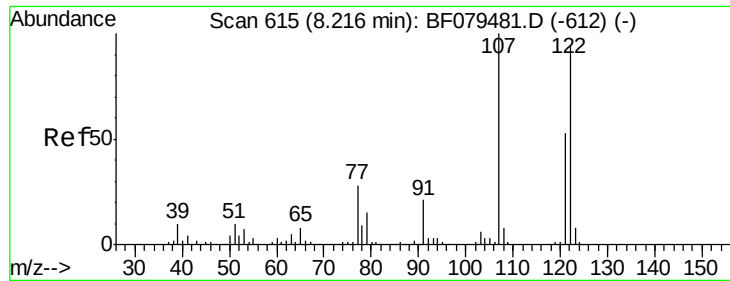
Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:	139	Resp:	89894
Ion Ratio		Lower	Upper
139	100		
109	24.9	20.2	30.2
65	41.1	32.5	48.7





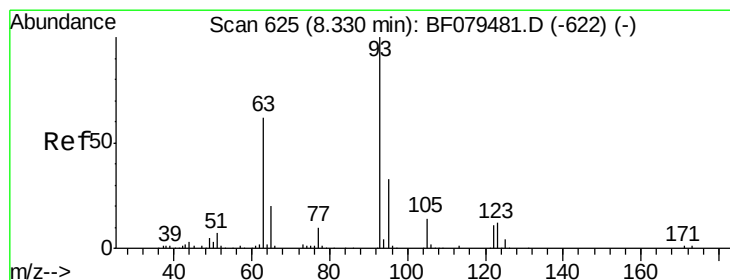
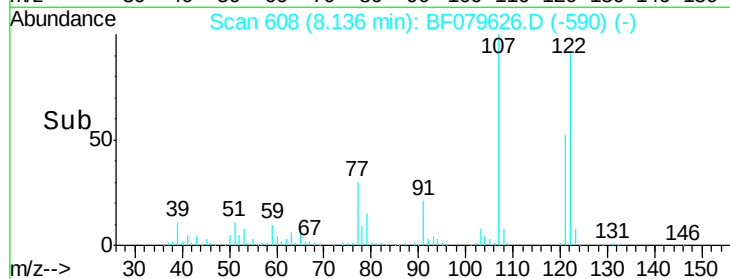
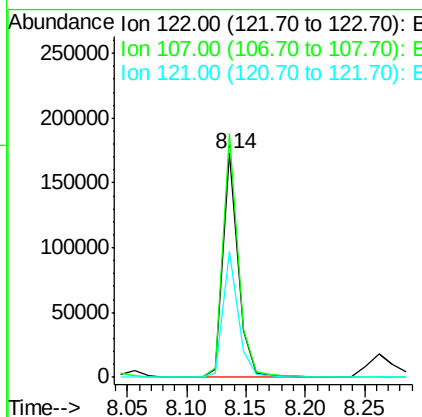
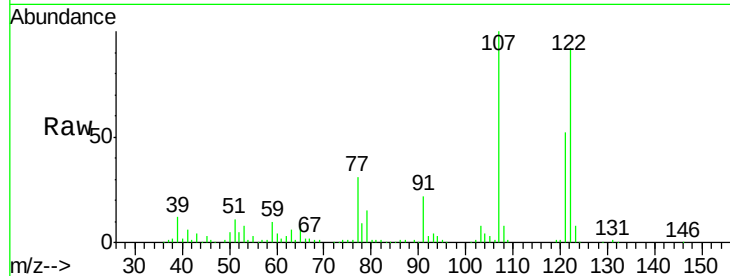
#27
 2,4-Dimethylphenol
 Concen: 32.66 ng
 RT: 8.14 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampled :
 PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	152768		
107	108.6	85.2	127.8	
121	56.4	45.2	67.8	

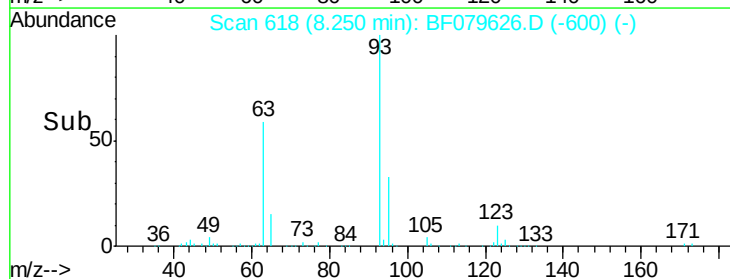
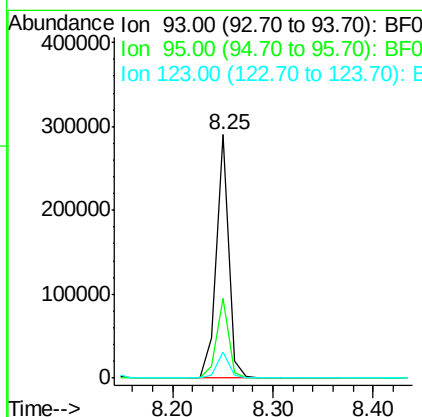
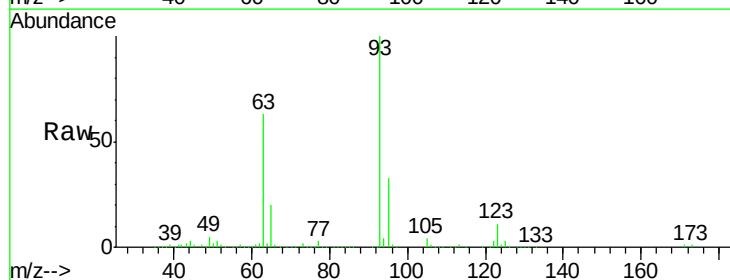
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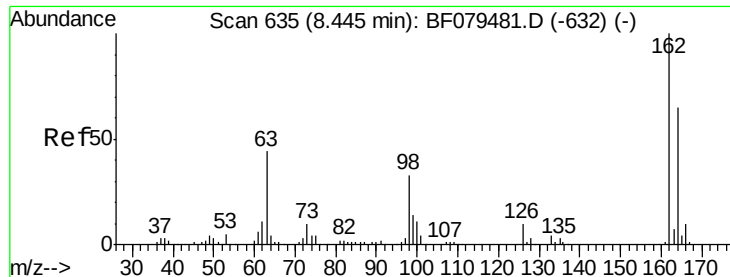
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.51 ng
 RT: 8.25 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	248924		
95	32.7	26.6	39.8	
123	10.6	9.4	14.0	





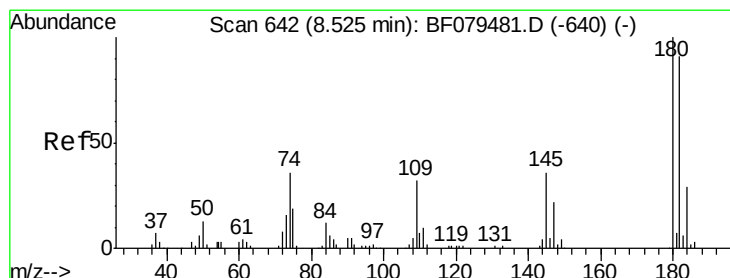
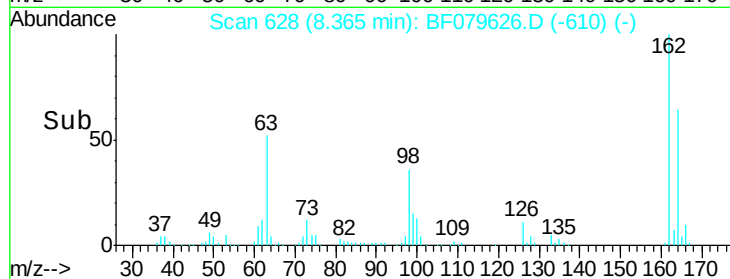
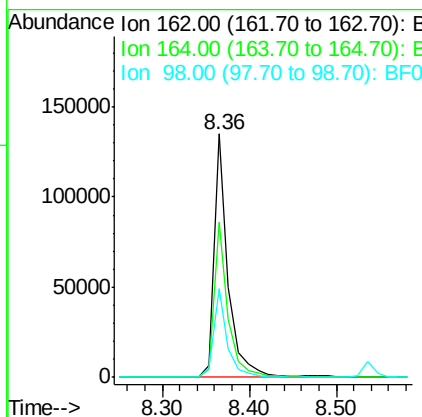
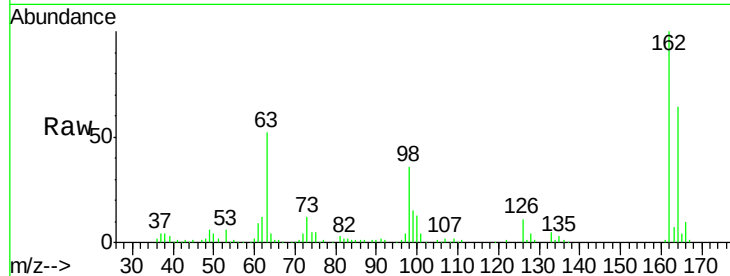
#29
 2,4-Dichlorophenol
 Concen: 35.67 ng
 RT: 8.36 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion:	162	Resp:	152844
Ion Ratio	Lower	Upper	
162	100		
164	64.0	45.0	85.0
98	36.4	13.2	53.2

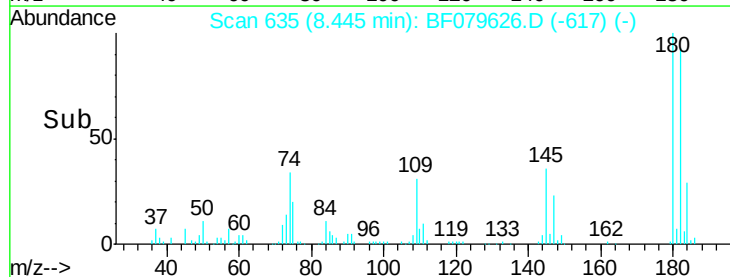
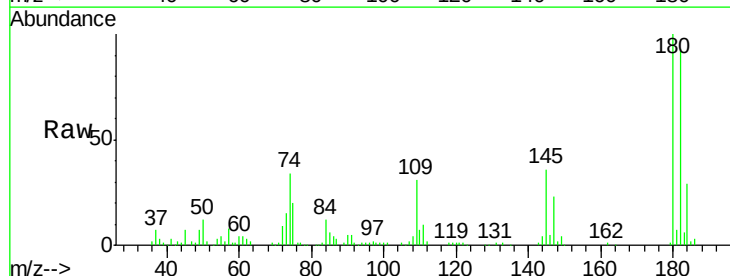
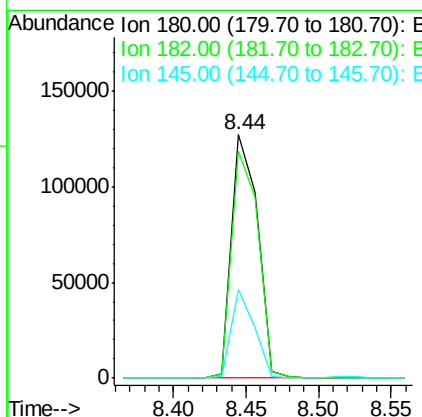
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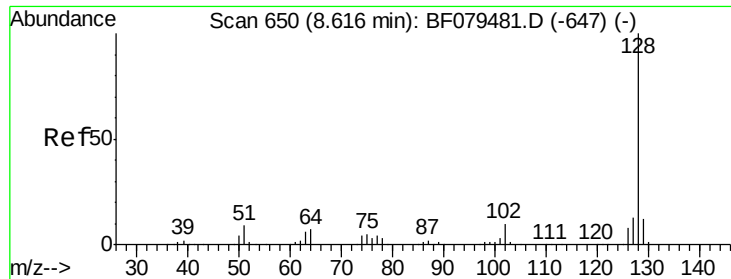
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.62 ng
 RT: 8.44 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion:	180	Resp:	158297
Ion Ratio	Lower	Upper	
180	100		
182	93.3	73.2	109.8
145	36.4	28.9	43.3





#31

Naphthalene

Concen: 39.49 ng

RT: 8.54 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

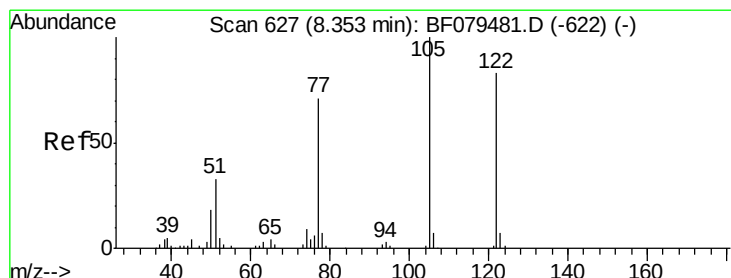
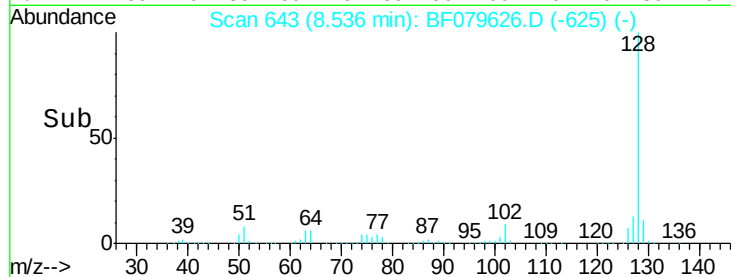
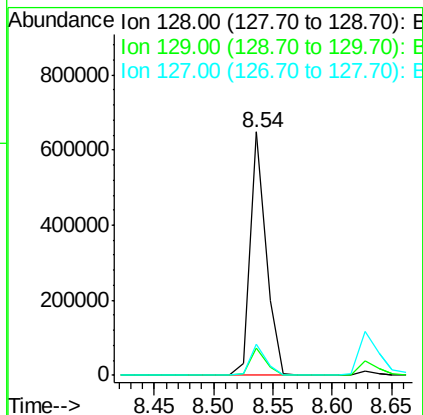
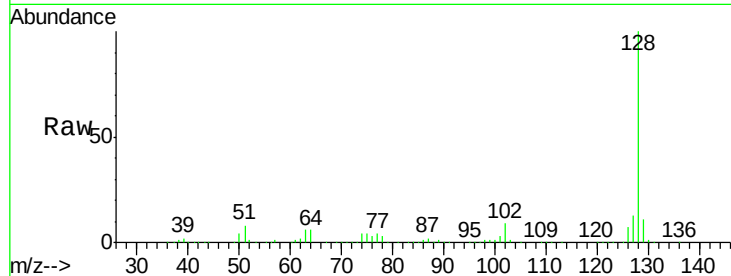
ClientSampleId :

PX4MSD

Tgt Ion:	128	Resp:	610781
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.3	13.9
127	12.9	10.6	15.8

Manual Integrations
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#32

Benzoic acid

Concen: 11.92 ng

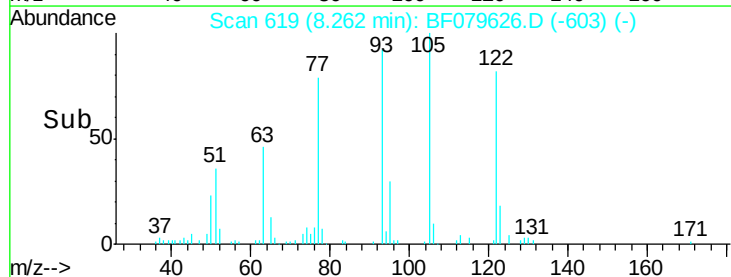
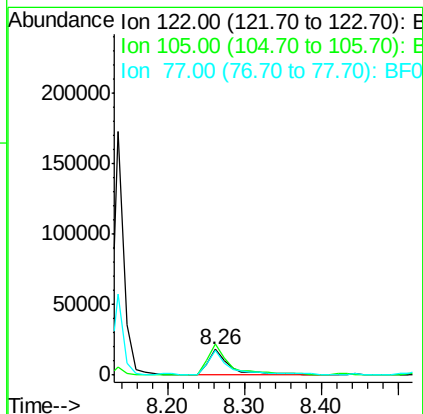
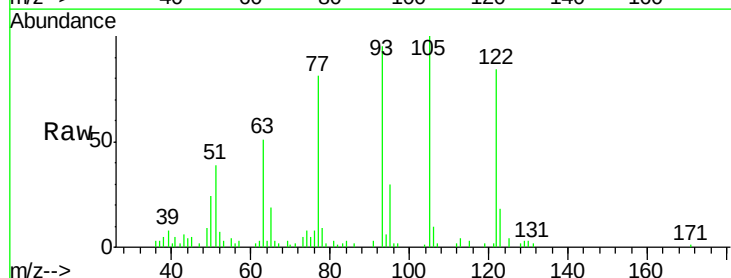
RT: 8.26 min Scan# 619

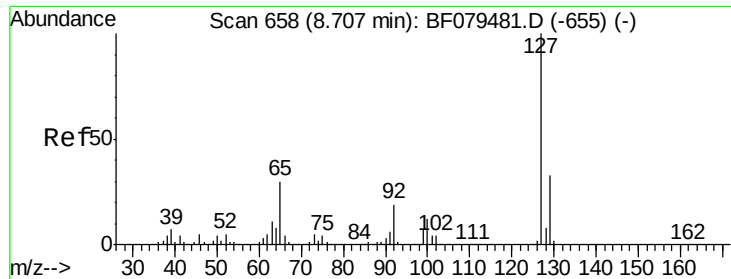
Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:	122	Resp:	34588
Ion Ratio	Lower	Upper	
122	100		
105	119.7	100.2	140.2
77	97.1	64.8	104.8





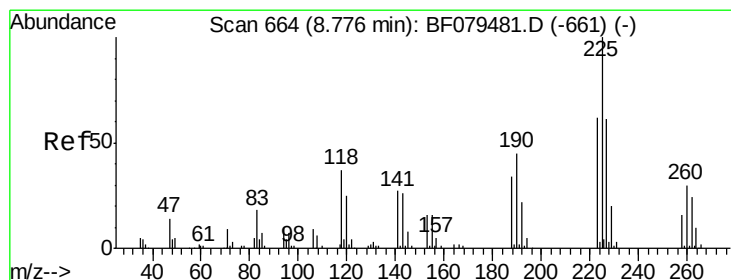
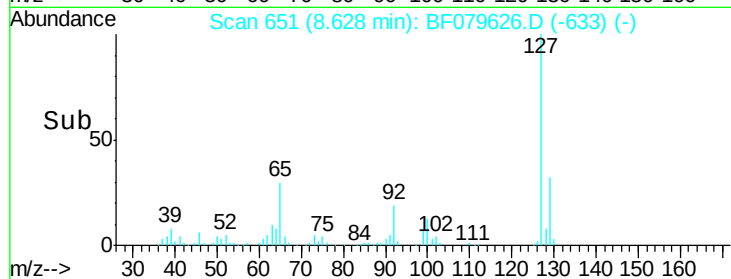
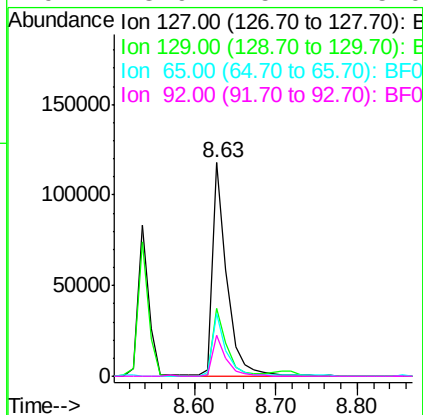
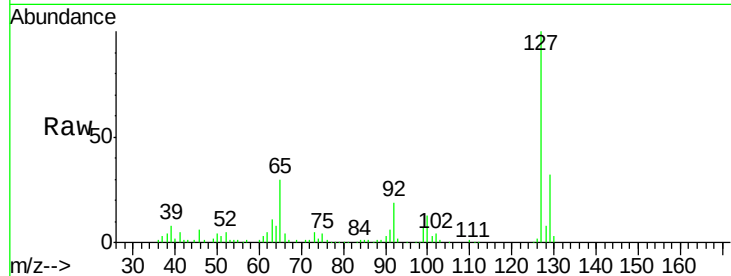
#33
4-Chloroaniline
Concen: 22.40 ng
RT: 8.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	144743		
129	31.6	26.2	39.2	
65	29.6	24.2	36.4	
92	18.9	15.4	23.0	

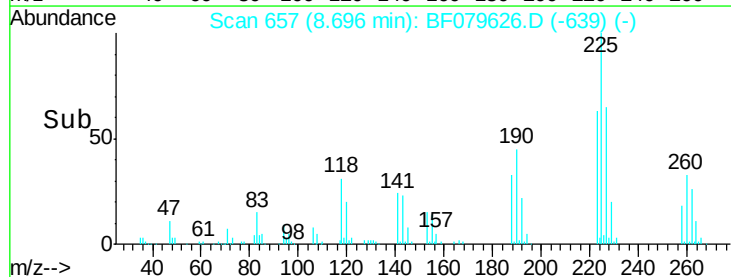
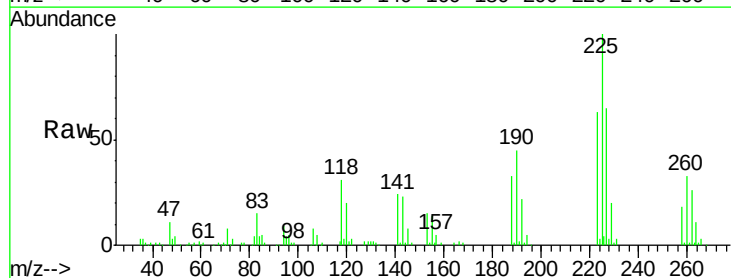
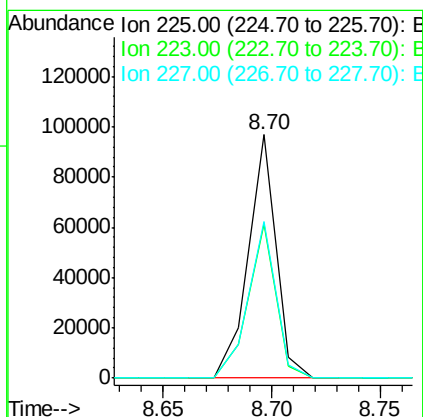
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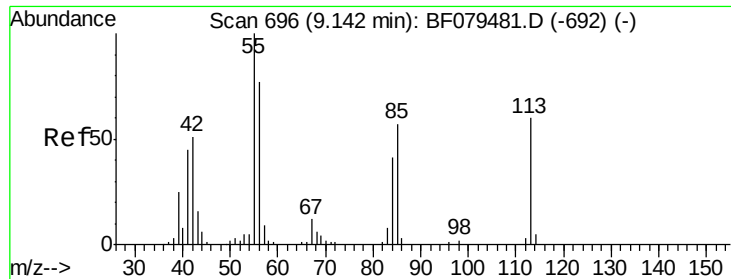
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#34
Hexachlorobutadiene
Concen: 33.89 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85678		
223	63.1	49.9	74.9	
227	64.6	48.9	73.3	





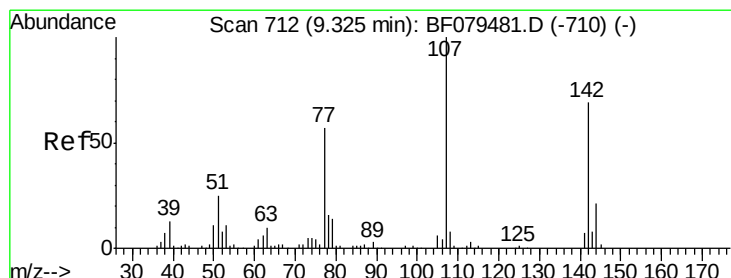
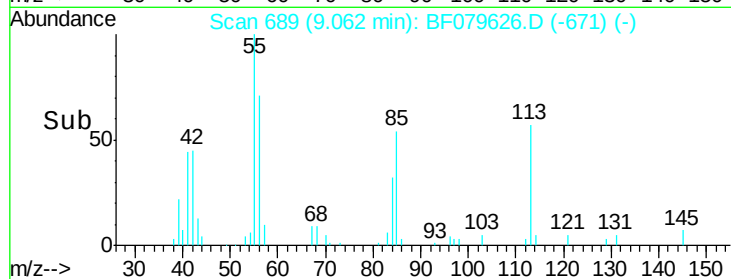
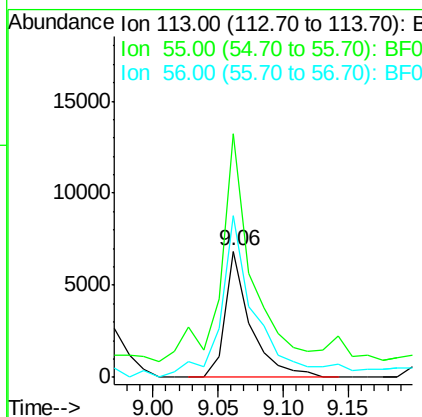
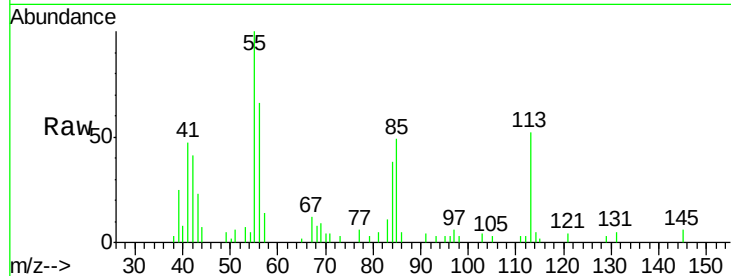
#35
 Caprolactam
 Concen: 6.90 ng
 RT: 9.06 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion: 113 Resp: 9328
 Ion Ratio Lower Upper
 113 100
 55 193.4 147.2 187.2#
 56 128.5 108.6 148.6

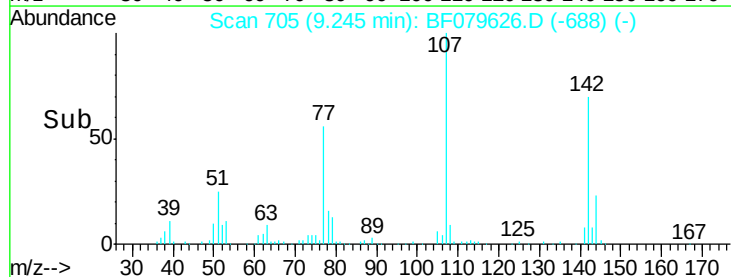
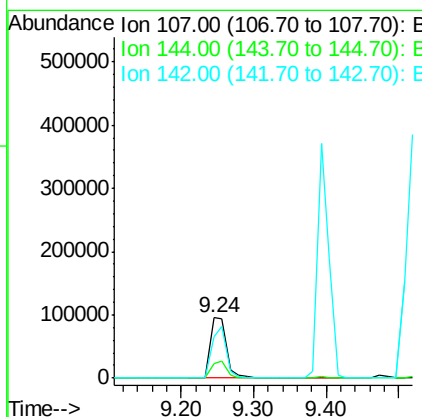
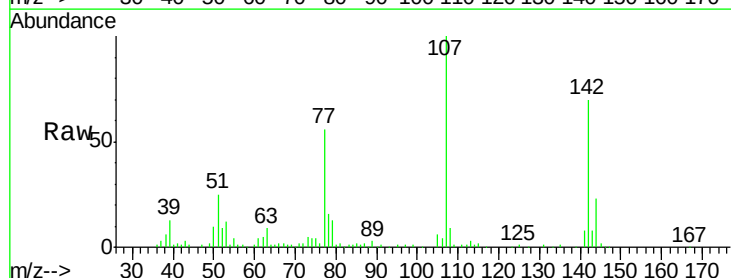
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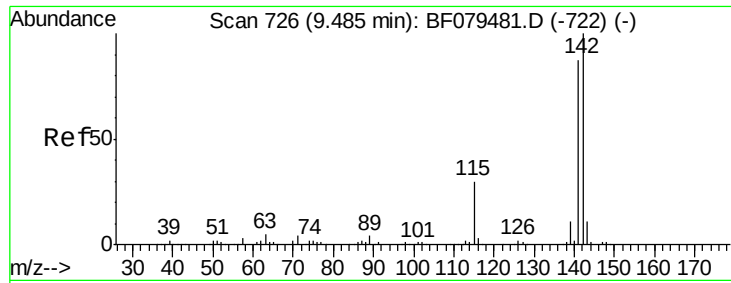
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#36
 4-Chloro-3-methylphenol
 Concen: 32.89 ng
 RT: 9.24 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion: 107 Resp: 146167
 Ion Ratio Lower Upper
 107 100
 144 23.3 16.9 25.3
 142 69.6 55.2 82.8





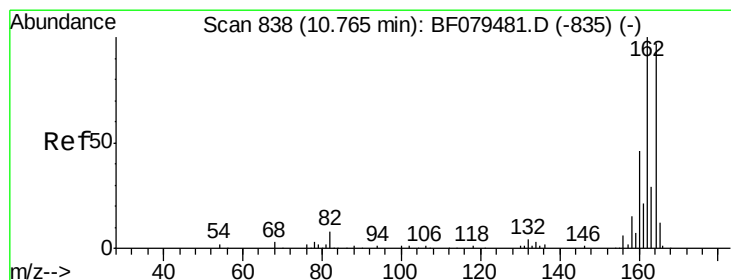
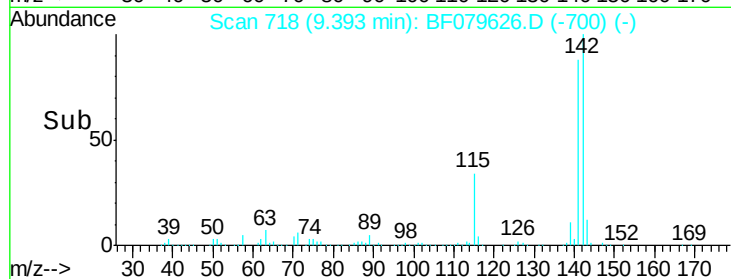
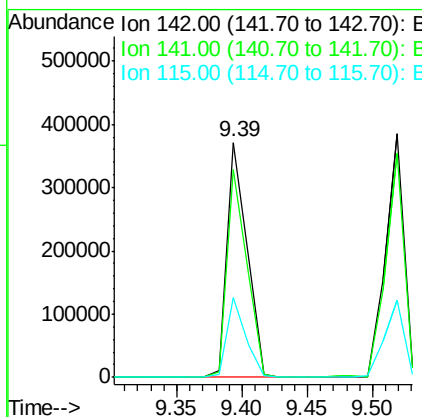
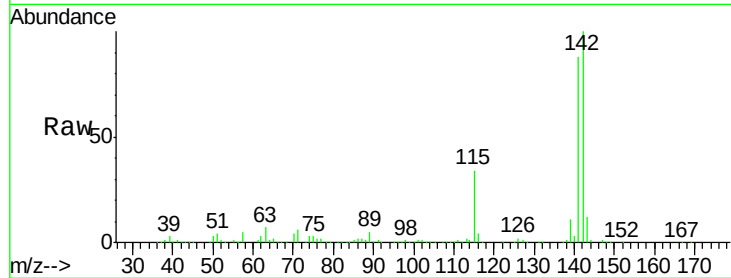
#37
 2-Methylnaphthalene
 Concen: 37.09 ng
 RT: 9.39 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion:	142	Resp:	398310
Ion Ratio	Lower	Upper	
142	100		
141	88.2	69.5	104.3
115	33.8	23.8	35.6

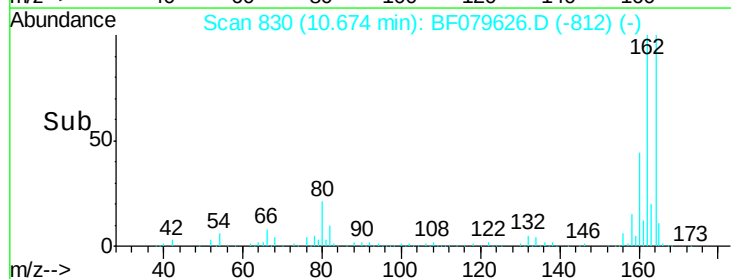
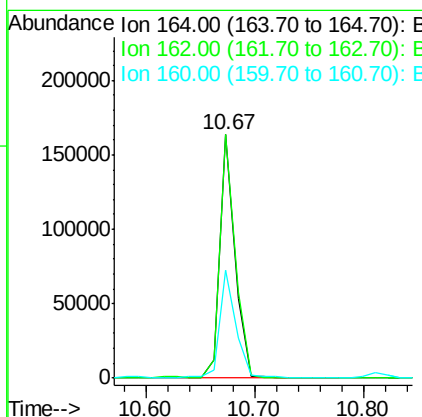
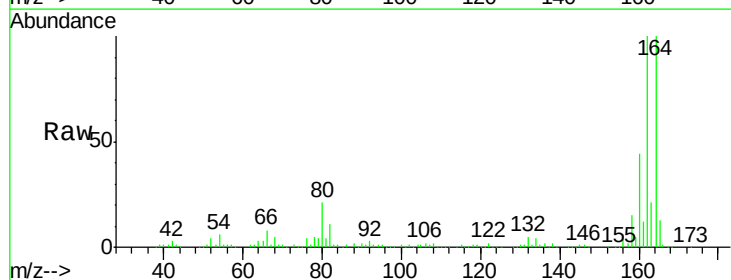
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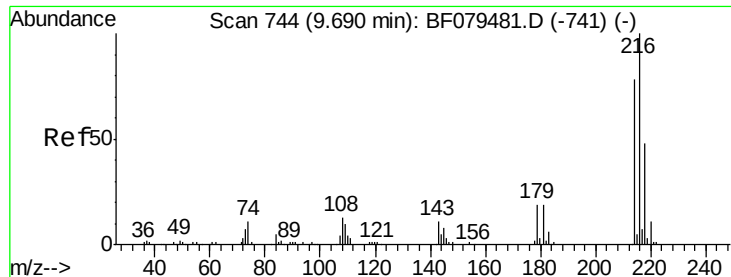
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion:	164	Resp:	159659
Ion Ratio	Lower	Upper	
164	100		
162	100.2	82.6	124.0
160	44.3	37.7	56.5





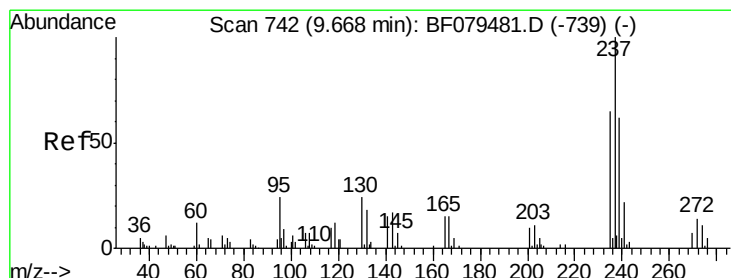
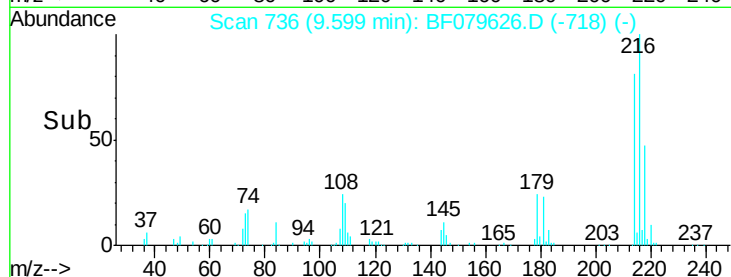
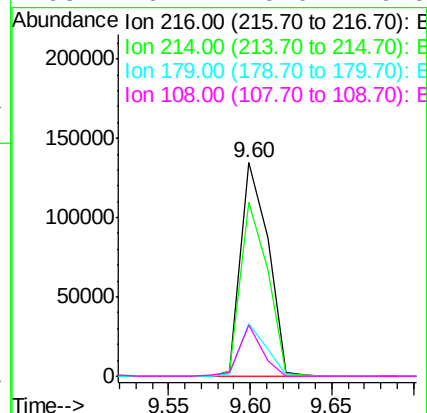
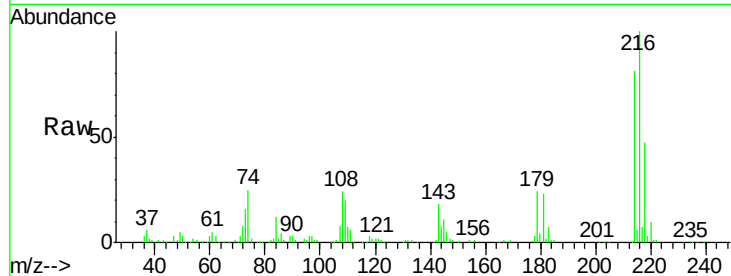
#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.11 ng
RT: 9.60 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	0.0	0.0#
179	22.5	0.0	0.0#
108	20.2	0.0	0.0#

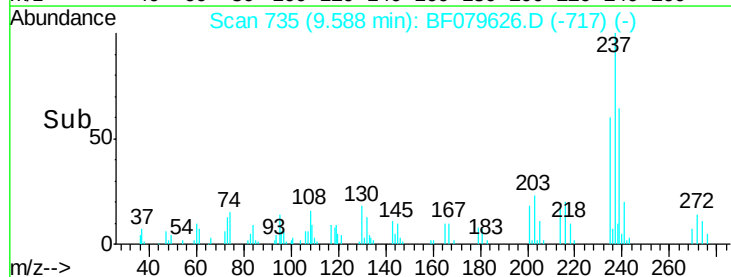
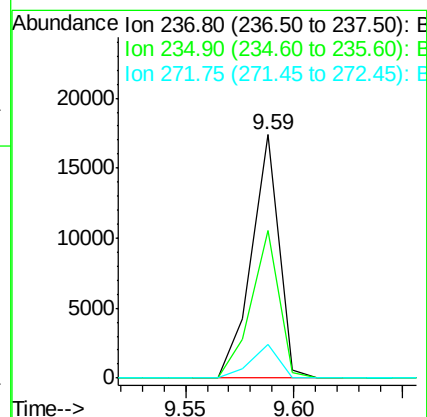
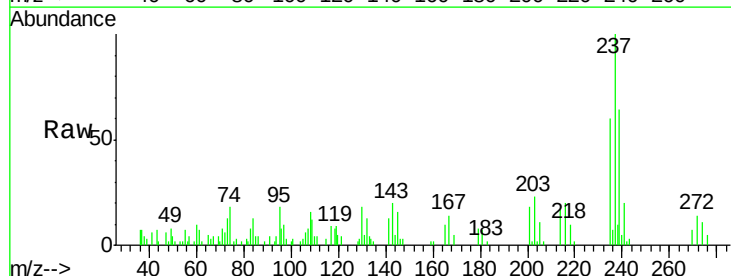
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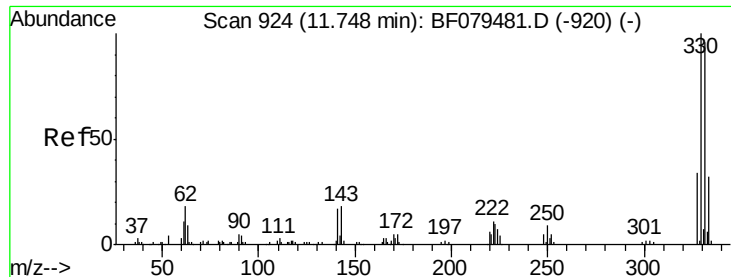
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#40
Hexachlorocyclopentadiene
Concen: 21.74 ng
RT: 9.59 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.4	45.0	85.0
272	13.8	0.0	33.9





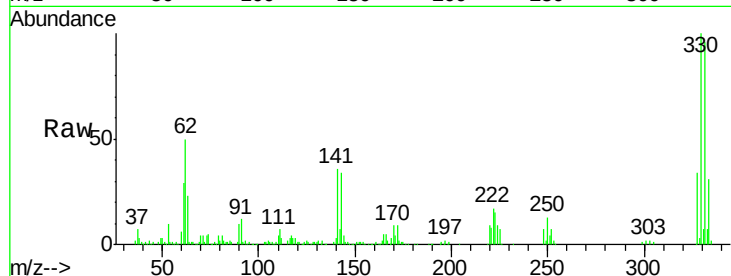
#41
 2,4,6-Tribromophenol
 Concen: 112.00 ng
 RT: 11.66 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampled :
 PX4MSD

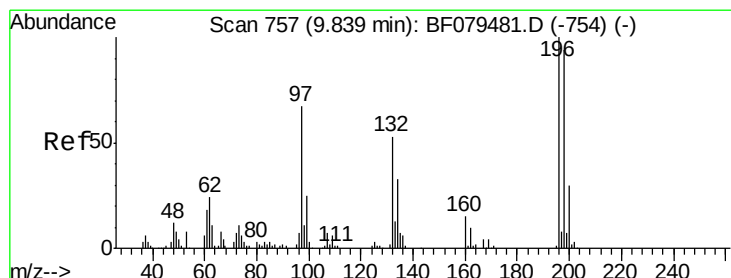
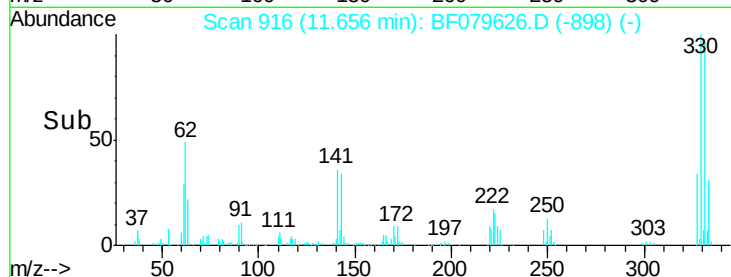
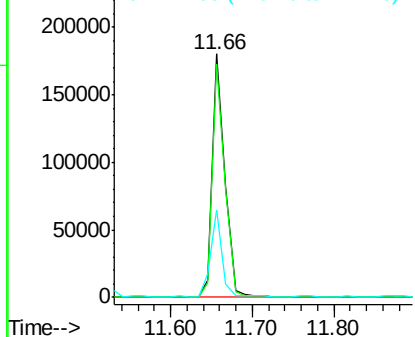
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.6	0.0	0.0#
141	32.8	0.0	0.0#

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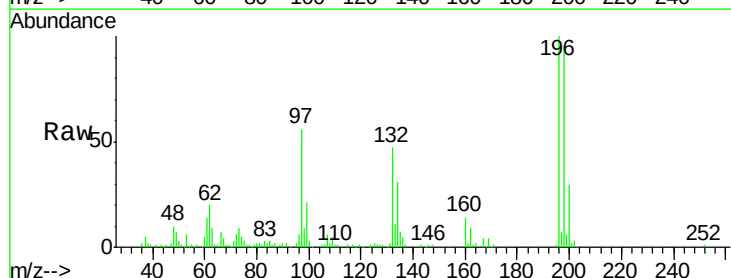


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

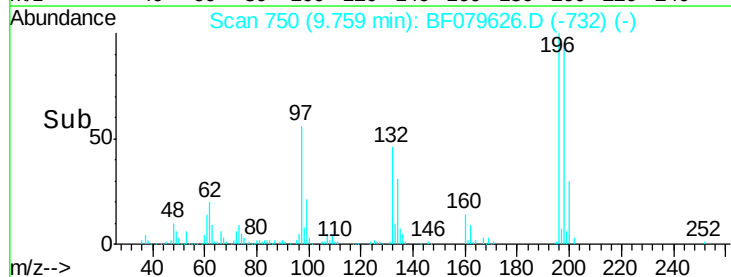
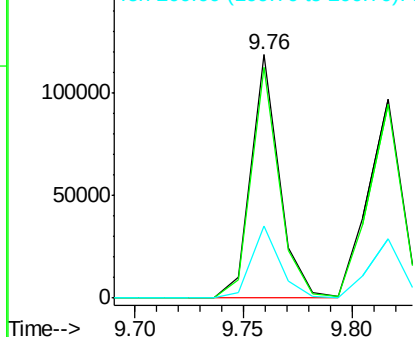


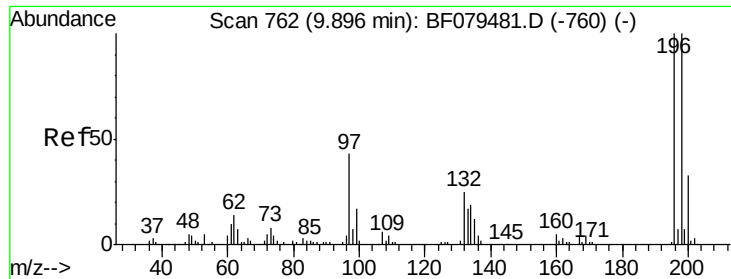
#42
 2,4,6-Trichlorophenol
 Concen: 34.73 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	94.7	75.3	112.9
200	29.7	23.8	35.8



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





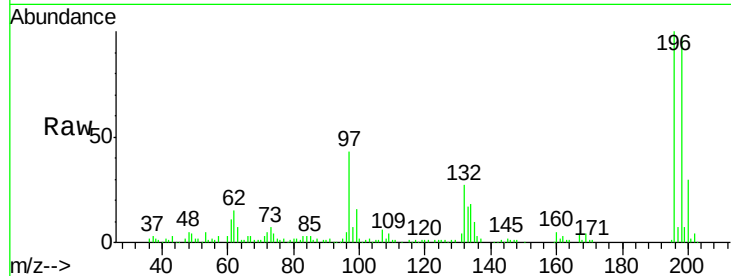
#43
 2,4,5-Trichlorophenol
 Concen: 35.80 ng
 RT: 9.82 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

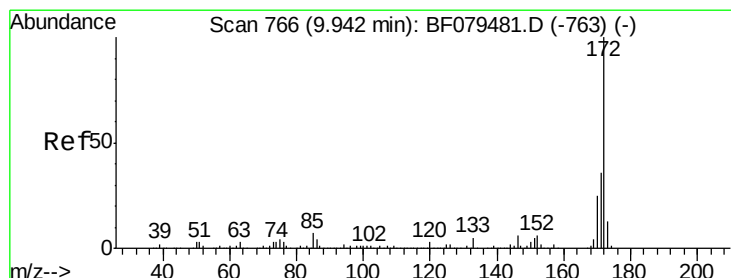
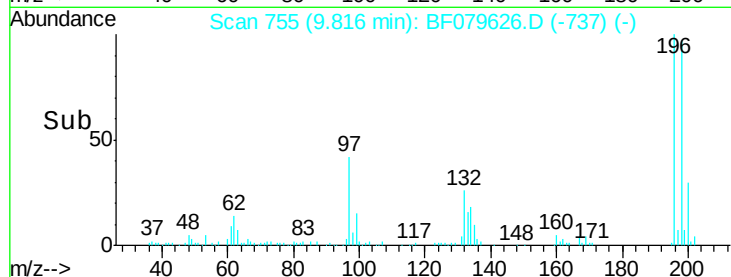
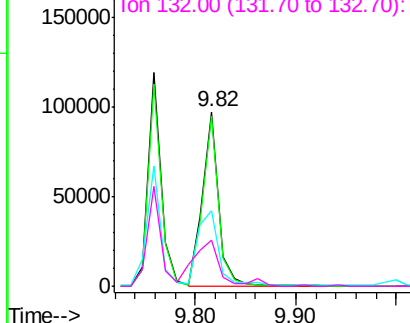
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111123		
198	97.4	80.3	120.5	
97	43.0	34.8	52.2	
132	26.8	20.6	31.0	

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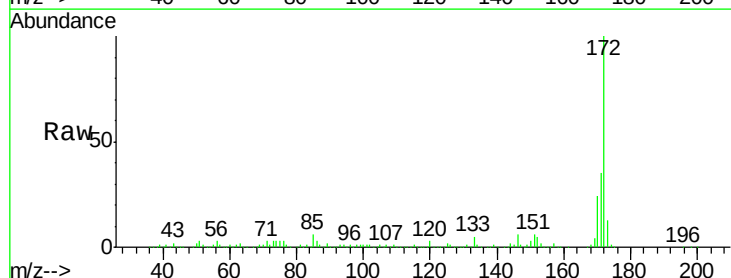


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

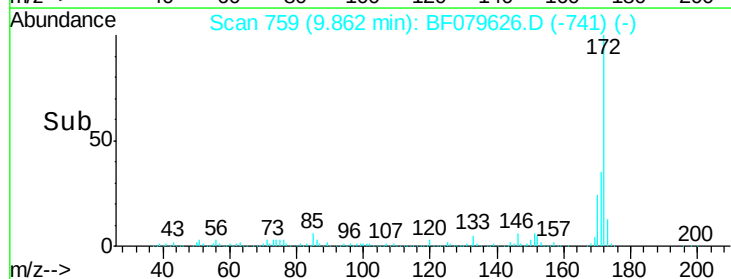
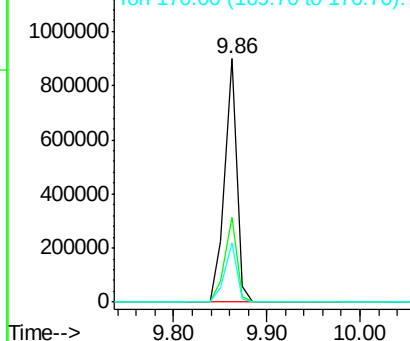


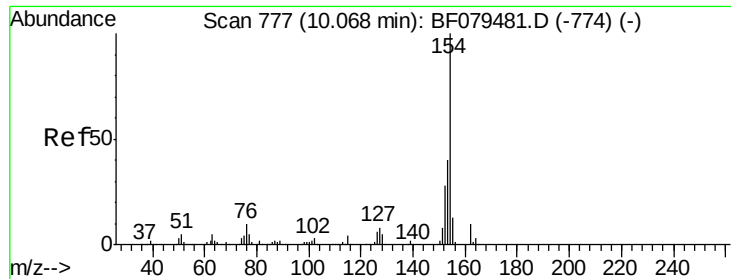
#44
 2-Fluorobiphenyl
 Concen: 72.49 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	811275		
171	35.0	28.5	42.7	
170	24.3	19.7	29.5	



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: 36.63 ng

RT: 9.98 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

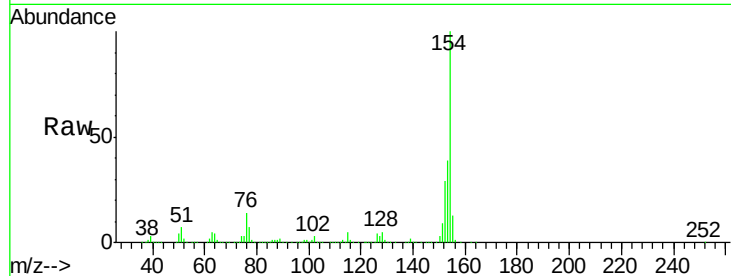
ClientSampleId :

PX4MSD

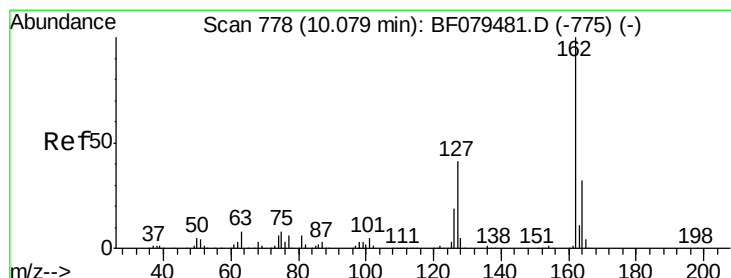
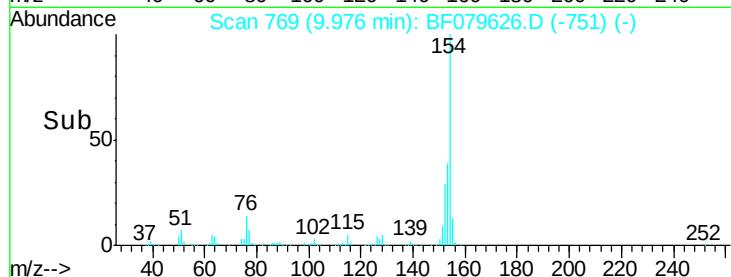
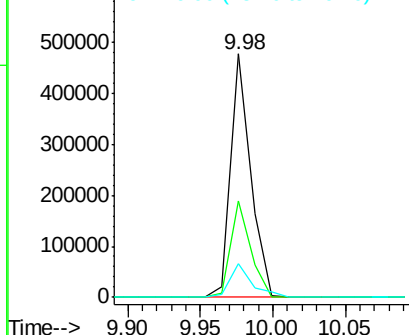
Tgt Ion:	154	Resp:	456830
Ion Ratio	Lower	Upper	
154	100		
153	39.5	19.5	59.5
76	13.9	0.0	29.6

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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: 37.32 ng

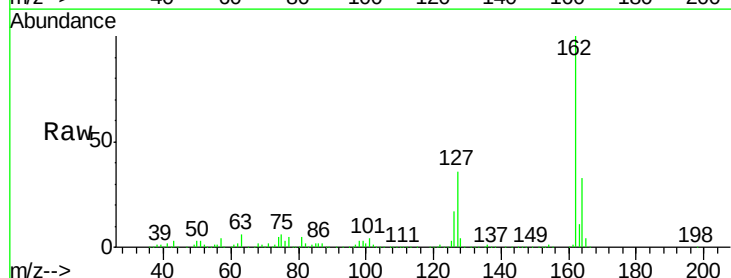
RT: 10.00 min Scan# 771

Delta R.T. 0.00 min

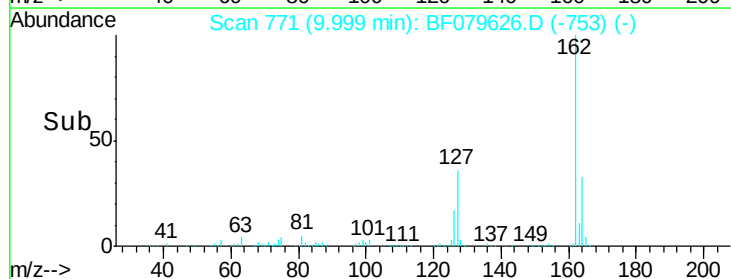
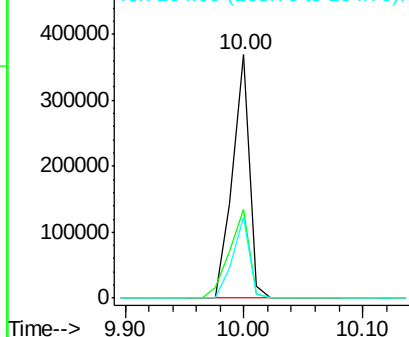
Lab File: BF079626.D

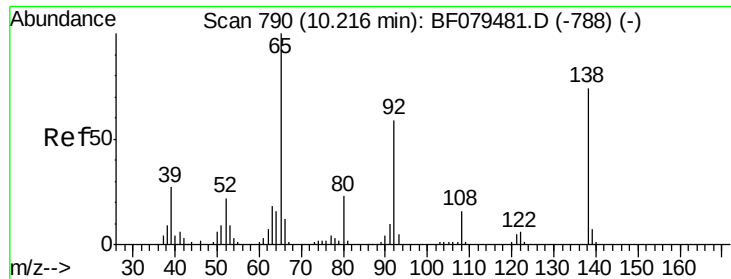
Acq: 31 May 2015 4:20

Tgt Ion:	162	Resp:	367524
Ion Ratio	Lower	Upper	
162	100		
127	36.3	32.7	49.1
164	33.2	25.8	38.6



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





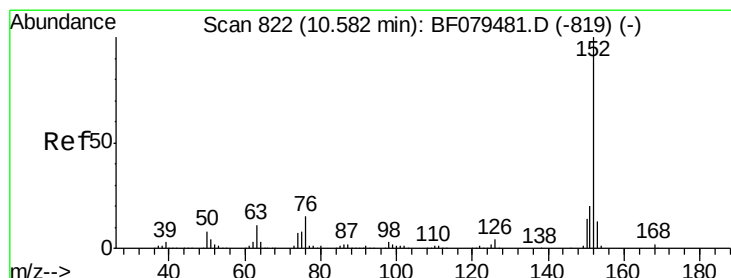
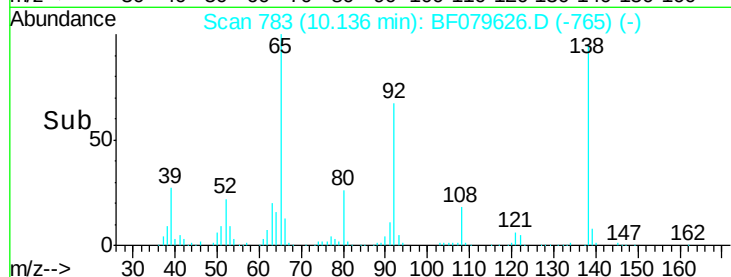
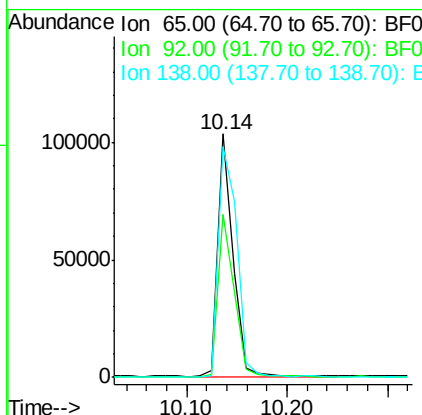
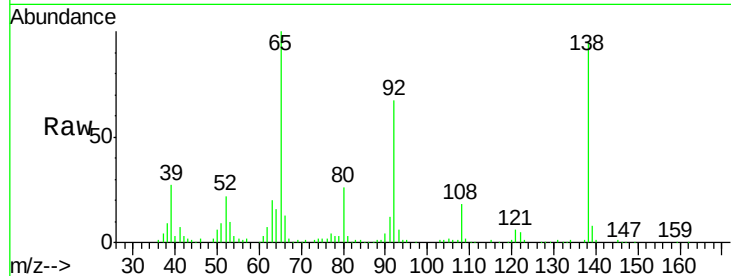
#47
2-Nitroaniline
Concen: 36.68 ng
RT: 10.14 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	107403		
92	67.1	47.2	70.8	
138	94.7	59.2	88.8	

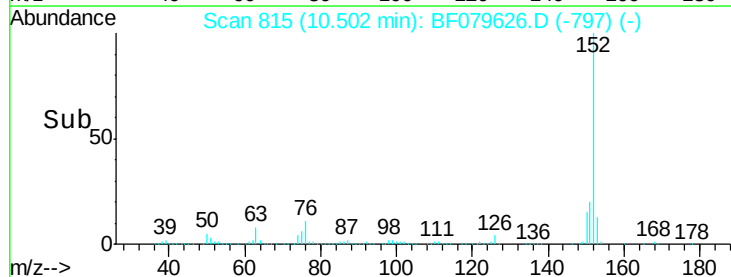
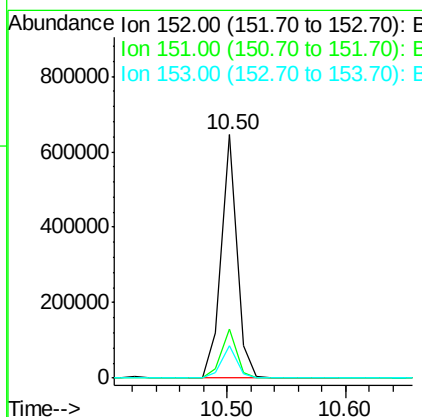
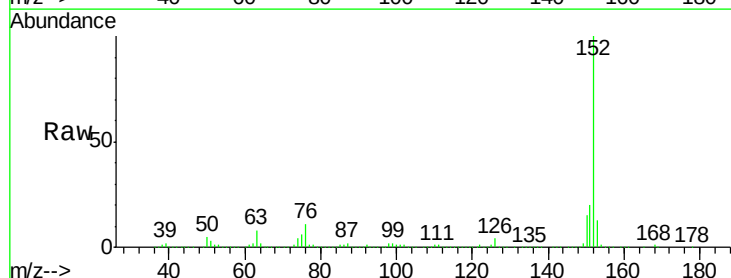
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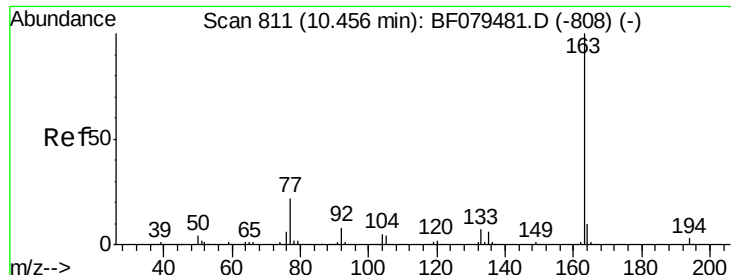
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#48
Acenaphthylene
Concen: 36.02 ng
RT: 10.50 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	588807		
151	20.2	15.8	23.8	
153	13.4	10.7	16.1	





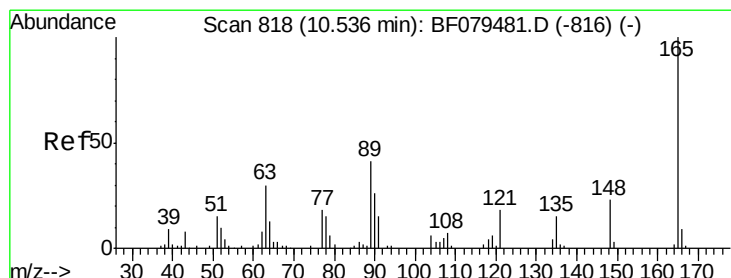
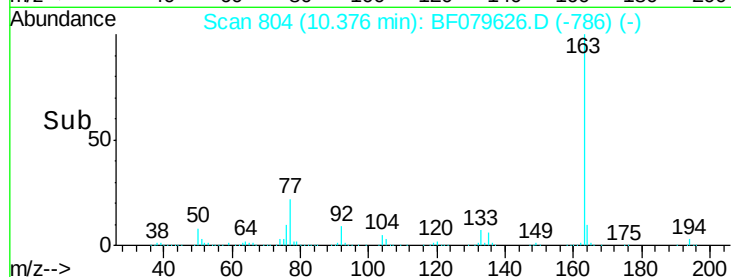
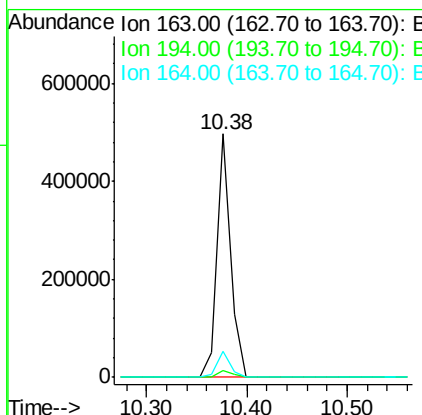
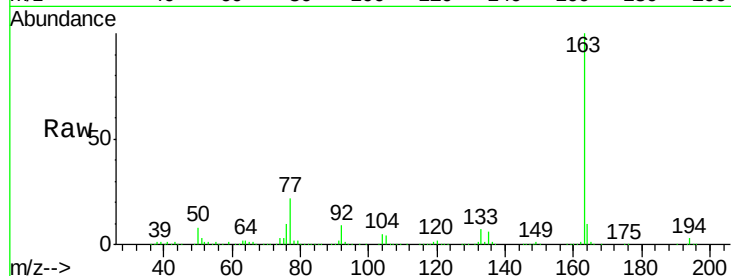
#49
Dimethylphthalate
Concen: 39.82 ng
RT: 10.38 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	468430		
194	3.1	2.4	3.6	
164	10.4	8.2	12.4	

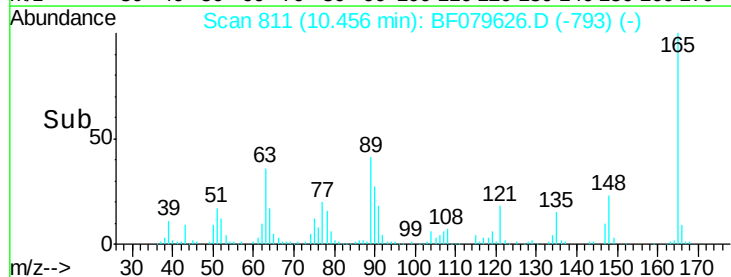
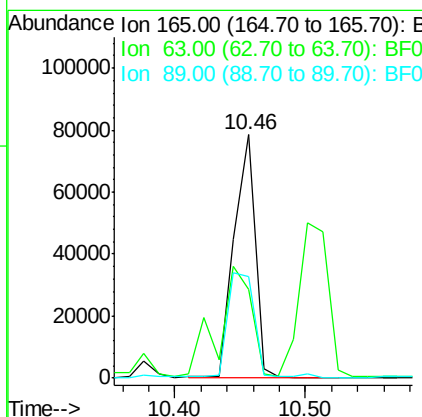
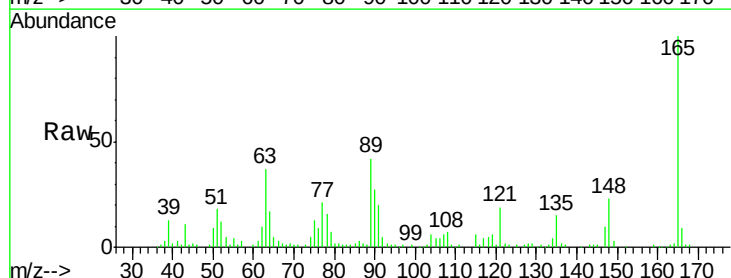
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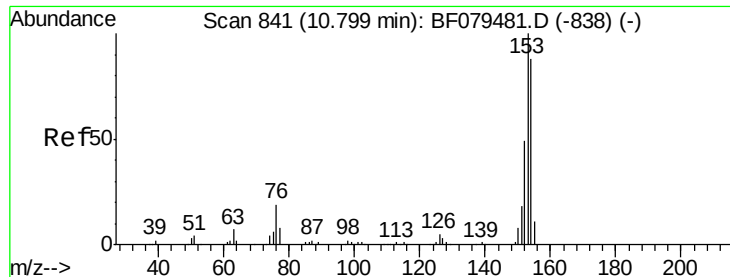
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#50
2,6-Dinitrotoluene
Concen: 37.44 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	87996		
63	36.5	27.7	41.5	
89	41.8	33.7	50.5	





#51

Acenaphthene

Concen: 37.96 ng

RT: 10.72 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

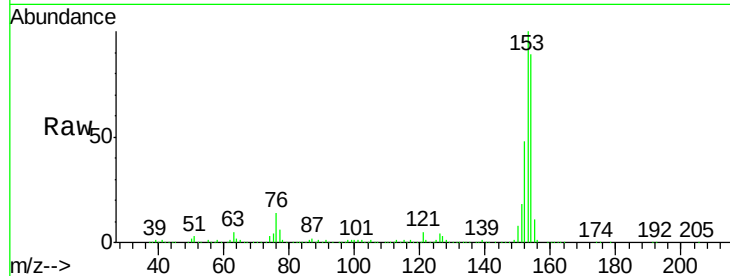
ClientSampleID :

PX4MSD

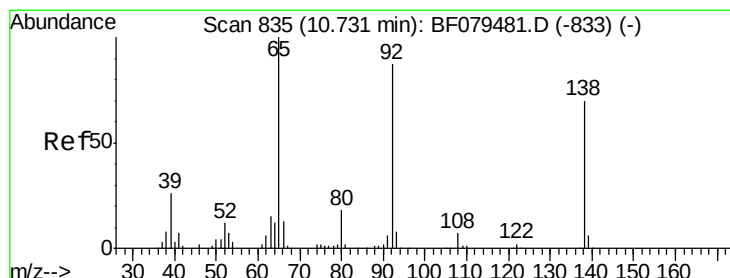
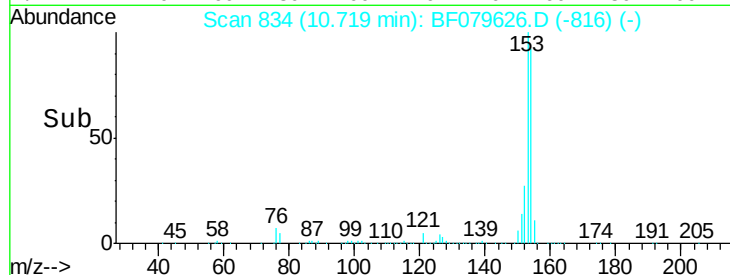
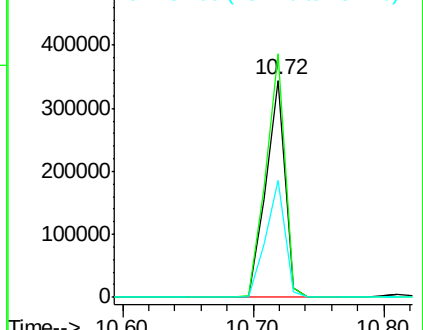
Tgt Ion:	154	Resp:	354817
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.1	136.7
152	54.0	44.6	66.8

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



#52

3-Nitroaniline

Concen: 25.77 ng

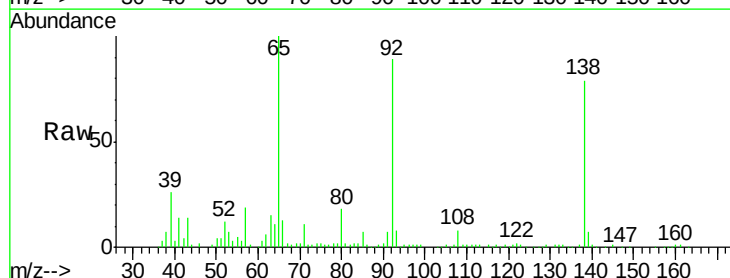
RT: 10.65 min Scan# 828

Delta R.T. 0.00 min

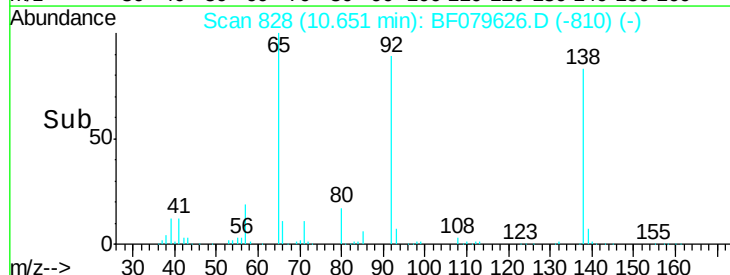
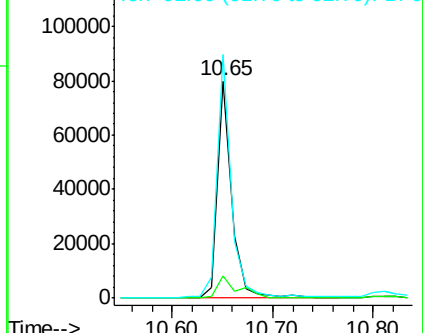
Lab File: BF079626.D

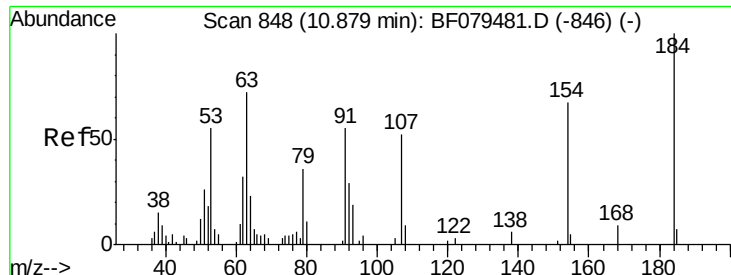
Acq: 31 May 2015 4:20

Tgt Ion:	138	Resp:	78783
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.0	12.0
92	112.3	99.9	149.9



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





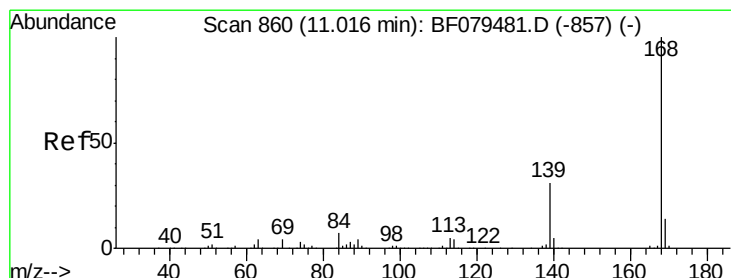
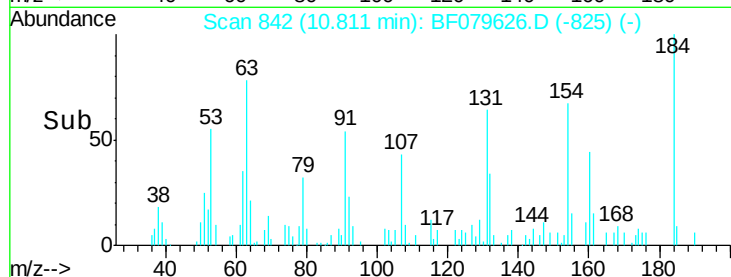
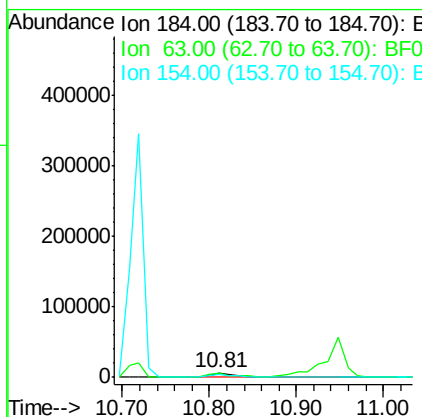
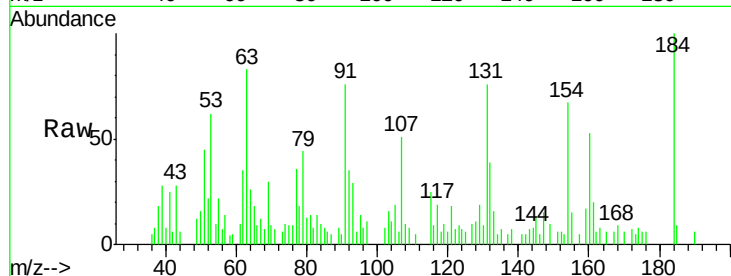
#53
 2,4-Dinitrophenol
 Concen: 27.00 ng
 RT: 10.81 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	15192		
63	83.2	57.7	86.5	
154	66.6	53.4	80.2	

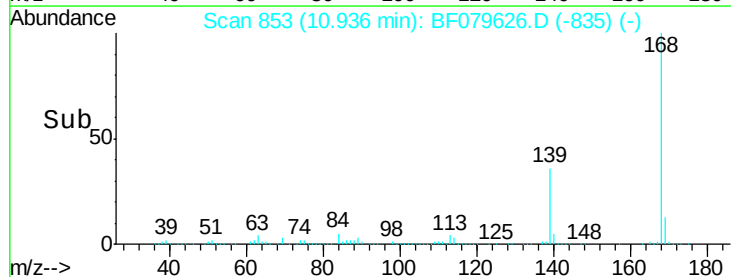
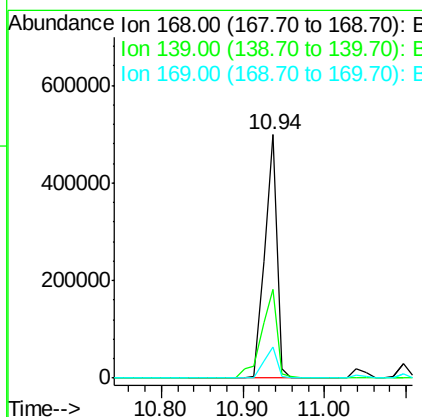
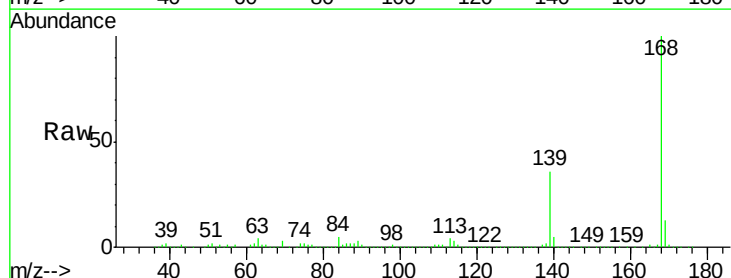
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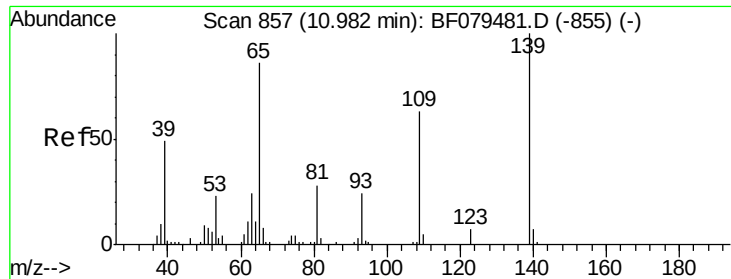
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#54
 Dibenzofuran
 Concen: 38.11 ng
 RT: 10.94 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	525420		
139	36.2	32.9	49.3	
169	12.9	11.1	16.7	





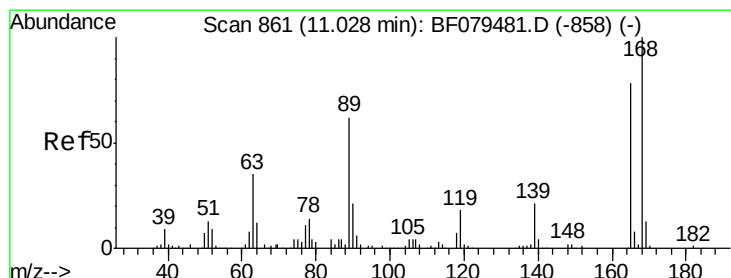
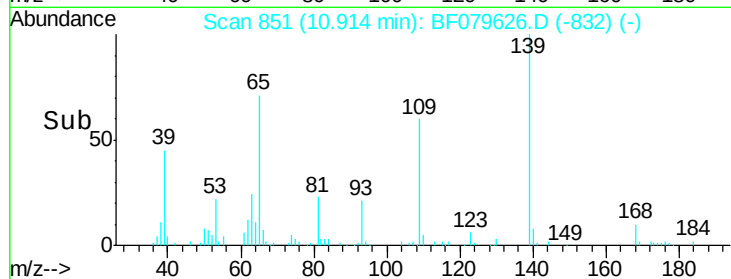
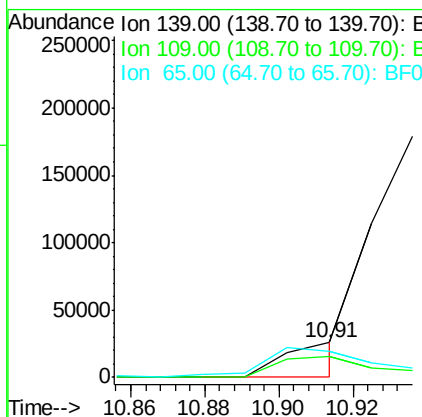
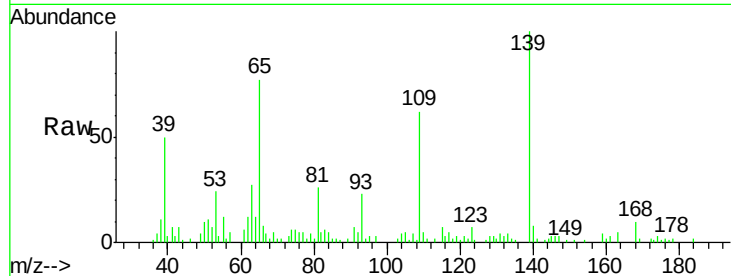
#55
4-Nitrophenol
Concen: 17.67 ng m
RT: 10.91 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampled :
PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	29950		
109	62.1	42.8	82.8	
65	76.6	66.3	106.3	

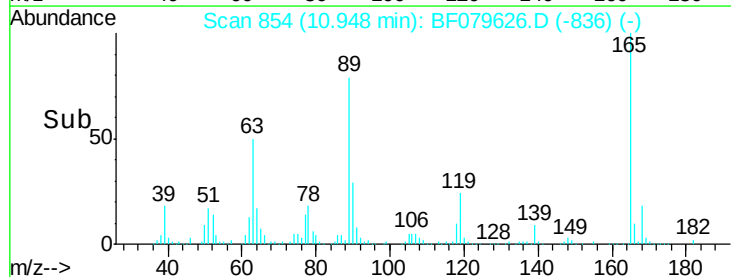
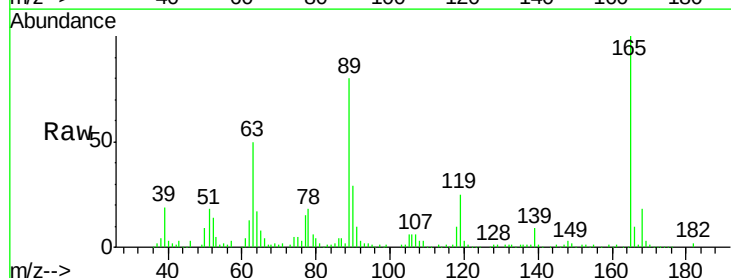
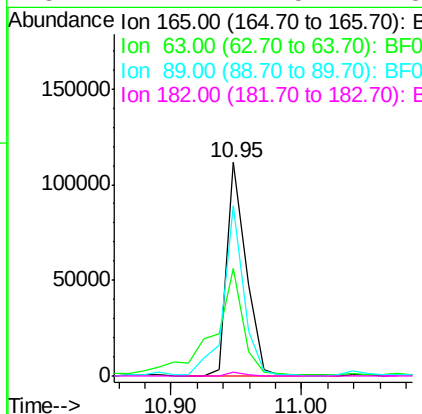
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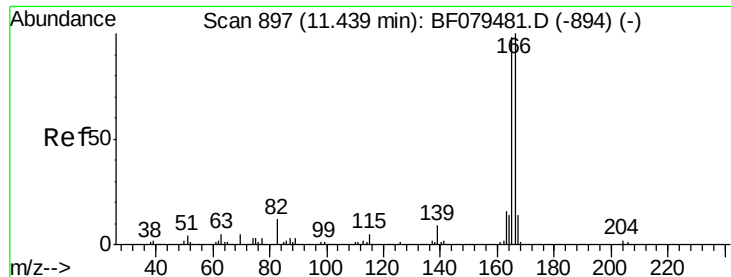
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#56
2,4-Dinitrotoluene
Concen: 36.45 ng
RT: 10.95 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	114899		
63	50.2	39.5	59.3	
89	79.7	64.2	96.4	
182	2.1	1.5	2.3	





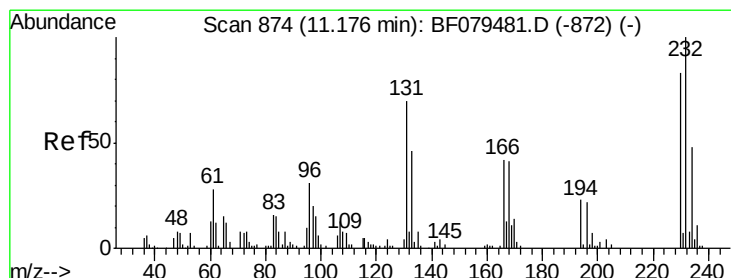
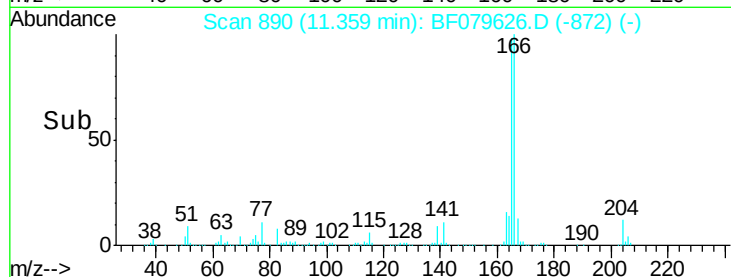
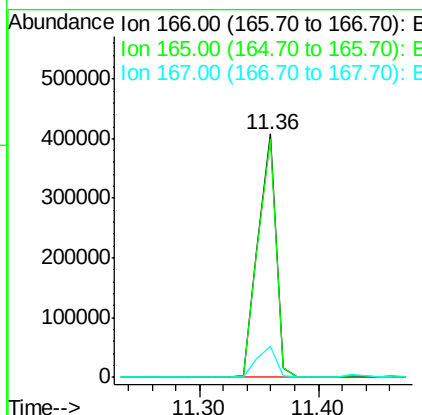
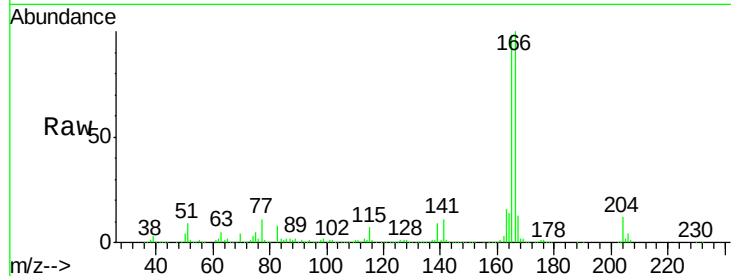
#57
 Fluorene
 Concen: 38.62 ng
 RT: 11.36 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampled :
 PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	438850		
165	98.2	78.6	117.8	
167	13.0	10.8	16.2	

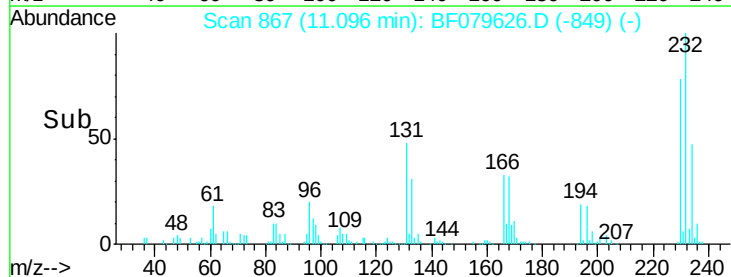
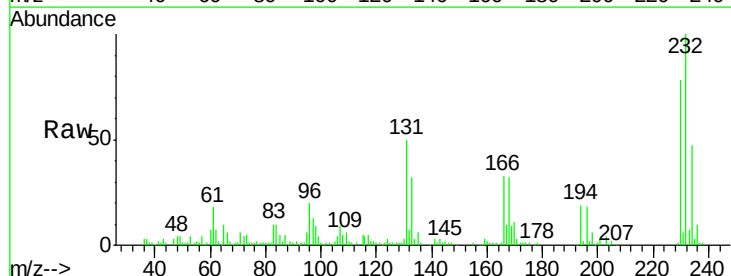
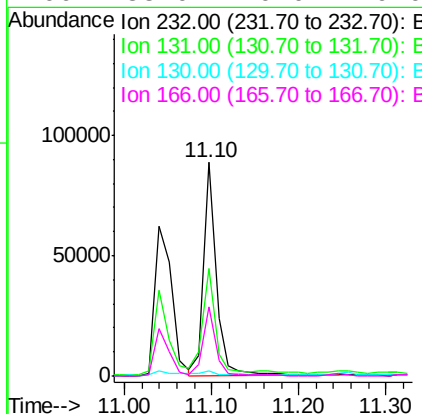
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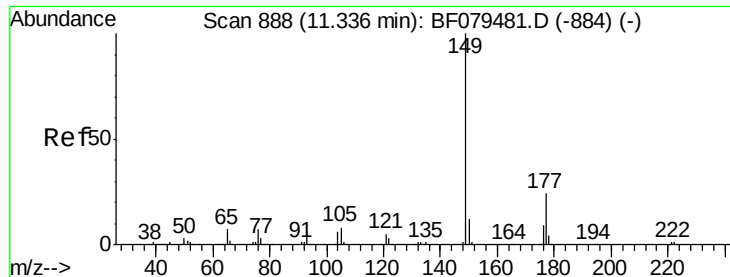
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.85 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	90029		
131	52.3	0.0	0.0#	
130	2.9	0.0	0.0#	
166	33.0	0.0	0.0#	





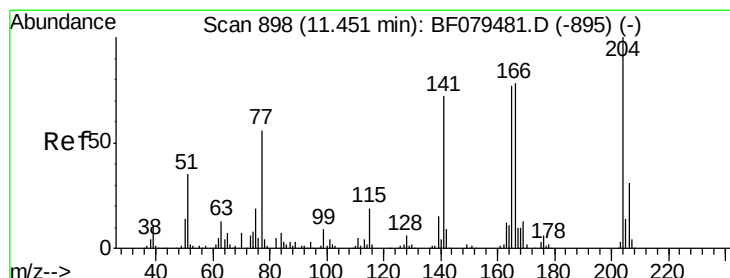
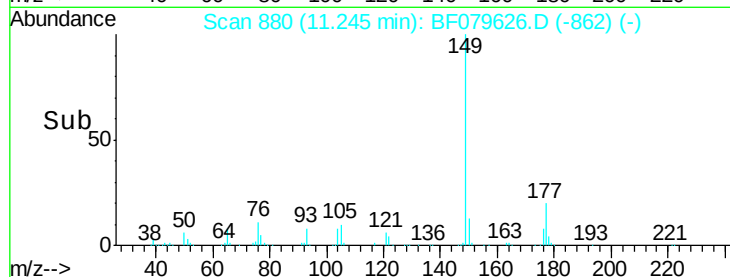
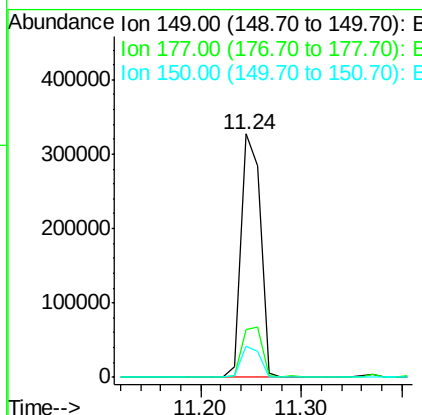
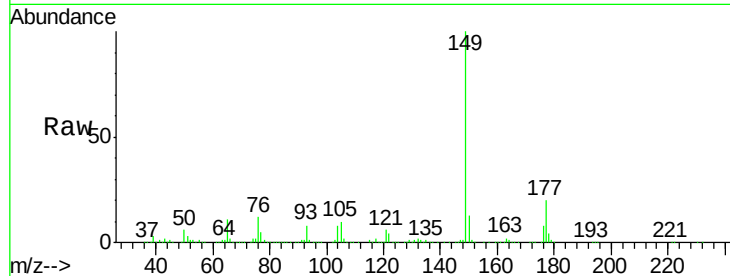
#59
Diethylphthalate
Concen: 37.99 ng
RT: 11.24 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.6	18.9	28.3
150	12.7	9.8	14.6

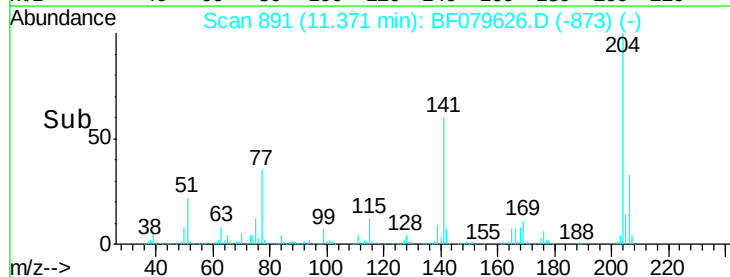
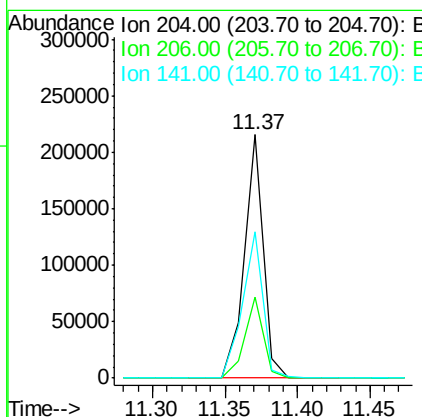
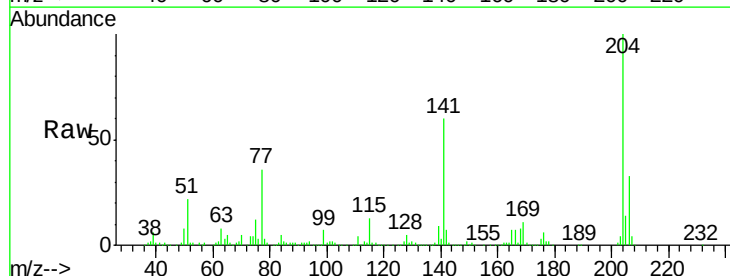
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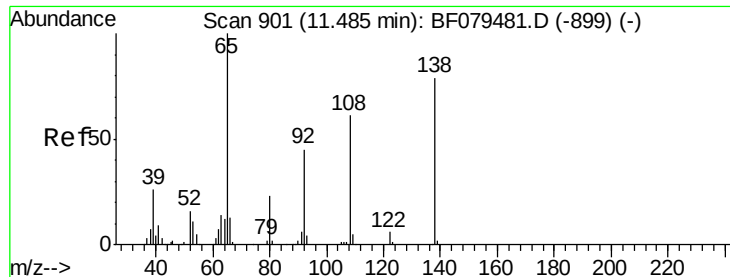
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#60
4-Chlorophenyl-phenylether
Concen: 39.55 ng
RT: 11.37 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.0	37.4
141	60.1	57.4	86.2





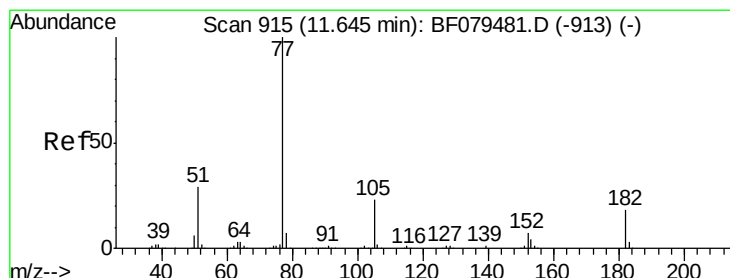
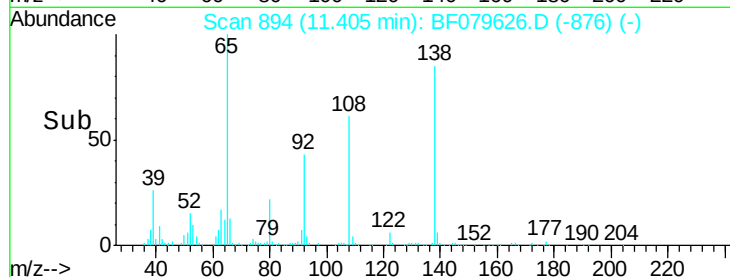
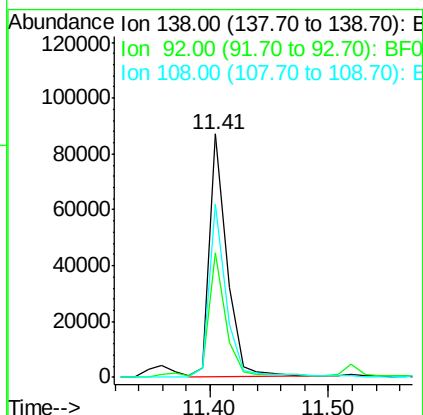
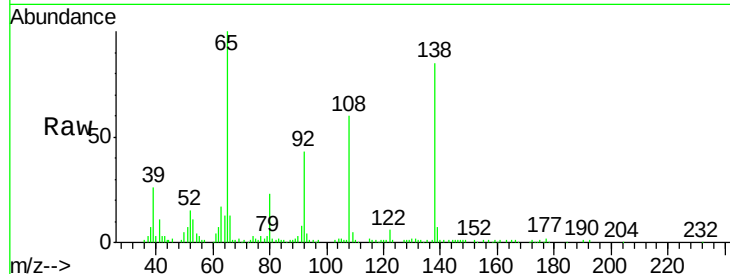
#61
4-Nitroaniline
Concen: 31.38 ng
RT: 11.41 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	37.2	77.2
108	71.0	57.0	97.0

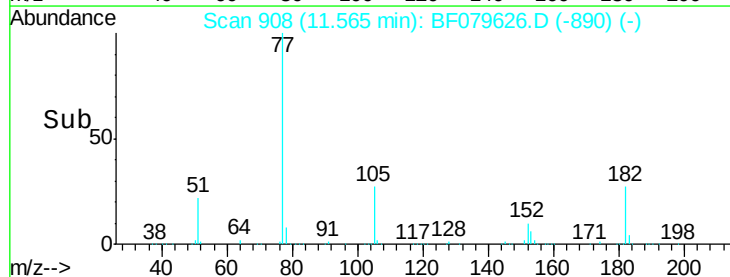
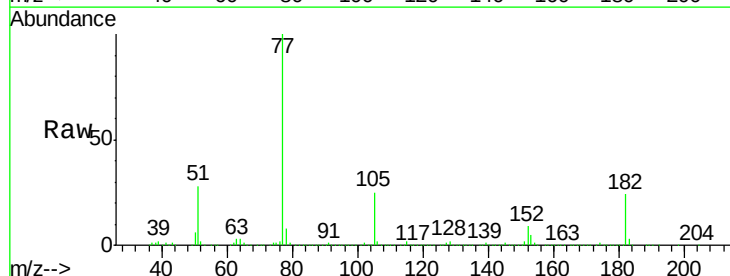
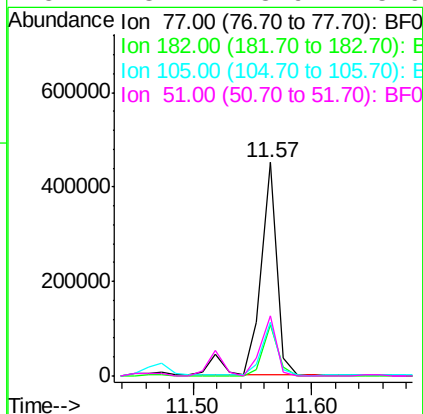
Manual Integrations
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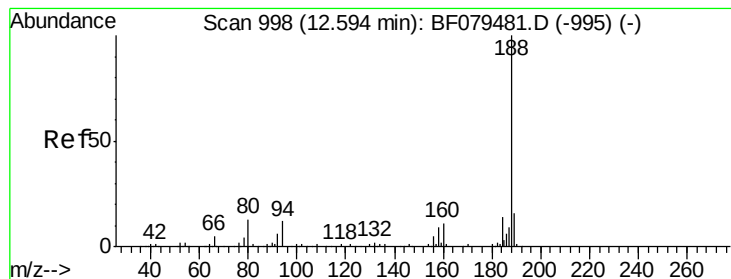
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#62
Azobenzene
Concen: 40.30 ng
RT: 11.57 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	0.0	37.7
105	24.9	2.7	42.7
51	28.1	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.51 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampled :

PX4MSD

Tgt Ion:188 Resp: 294943
Ion Ratio Lower Upper

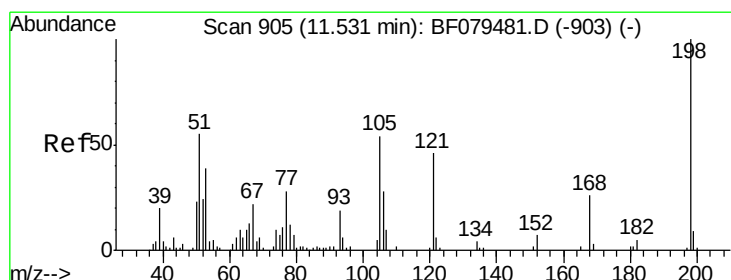
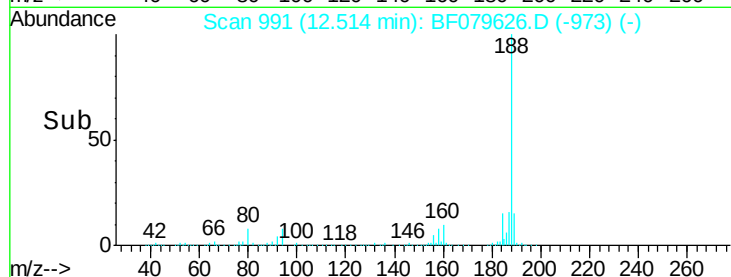
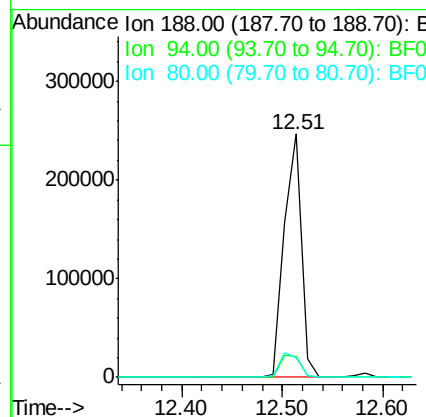
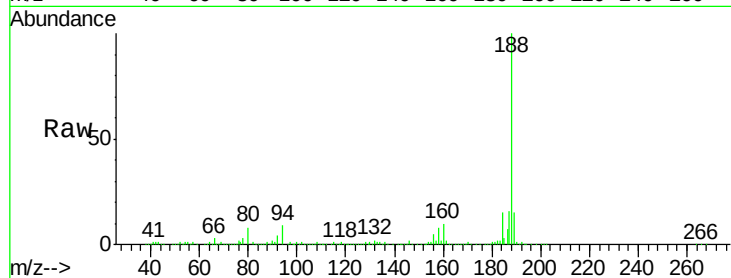
188 100

94 8.5 9.8 14.6#

80 8.2 10.5 15.7#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 15.82 ng

RT: 11.46 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF079626.D

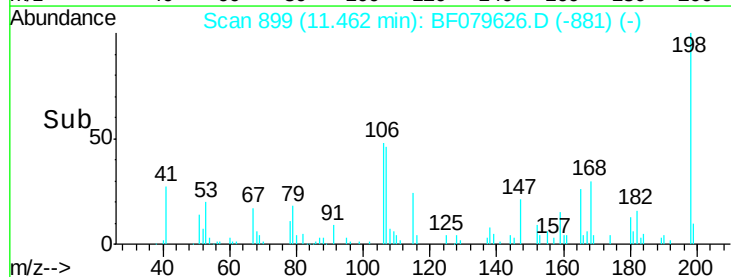
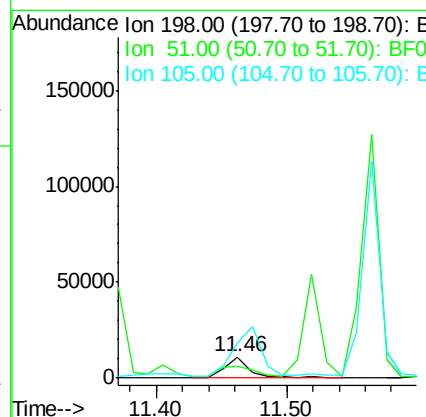
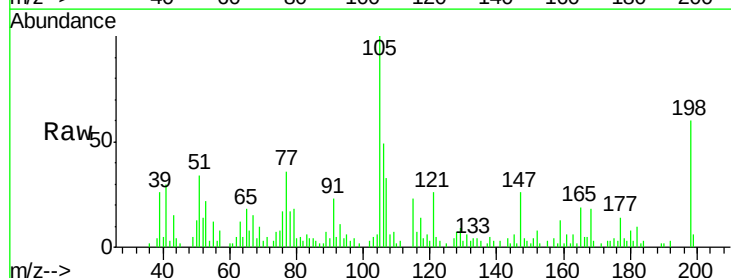
Acq: 31 May 2015 4:20

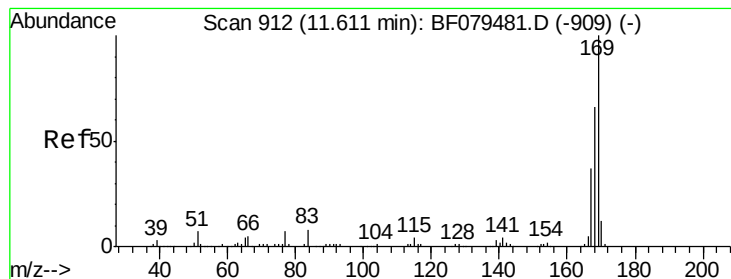
Tgt Ion:198 Resp: 15398
Ion Ratio Lower Upper

198 100

51 56.5 36.0 76.0

105 166.8 34.1 74.1#





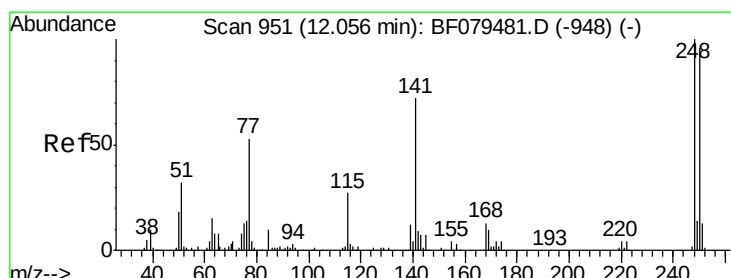
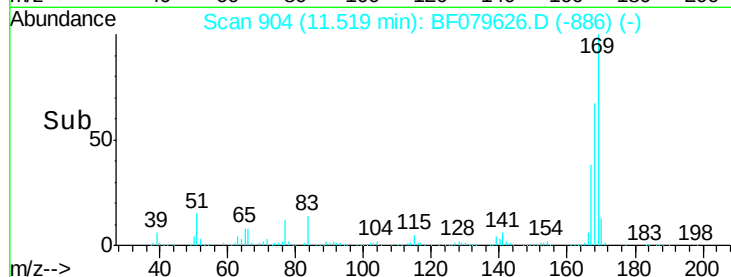
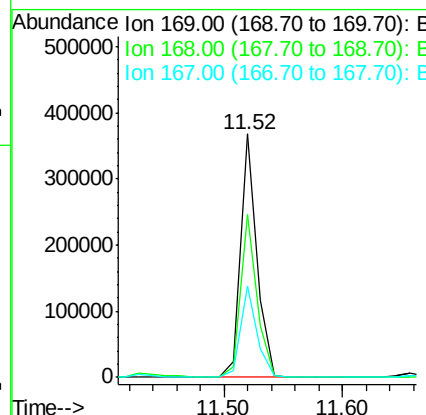
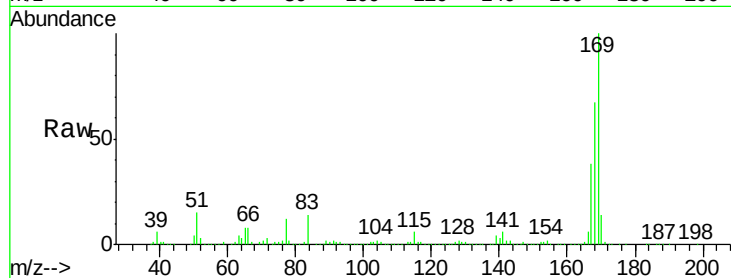
#65
 n-Nitrosodiphenylamine
 Concen: 36.03 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampled :
 PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	352905		
168	67.1	53.1	79.7	
167	37.7	29.9	44.9	

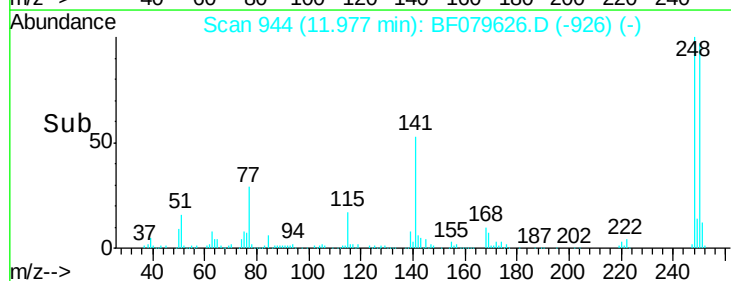
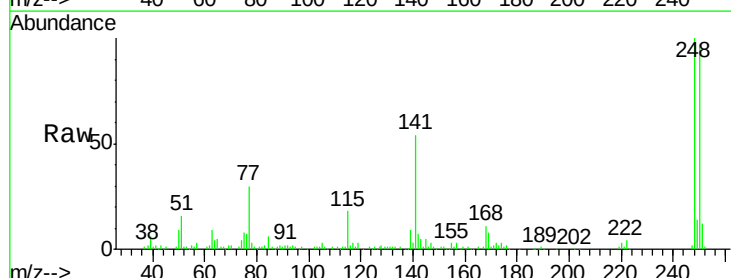
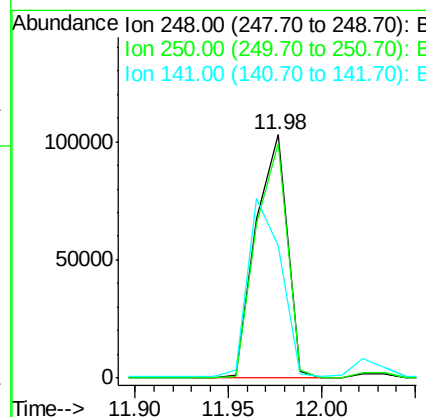
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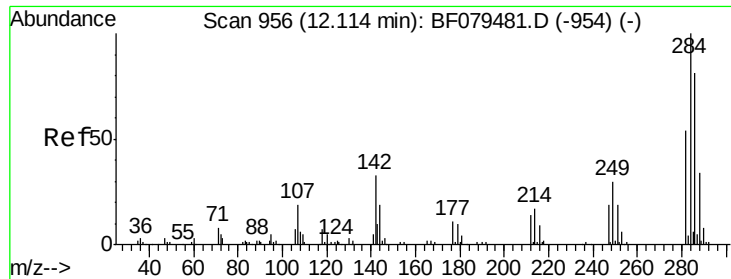
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#66
 4-Bromophenyl-phenylether
 Concen: 39.34 ng
 RT: 11.98 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	119473		
250	96.5	76.8	115.2	
141	54.1	57.7	86.5	





#67

Hexachlorobenzene

Concen: 38.79 ng

RT: 12.03 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

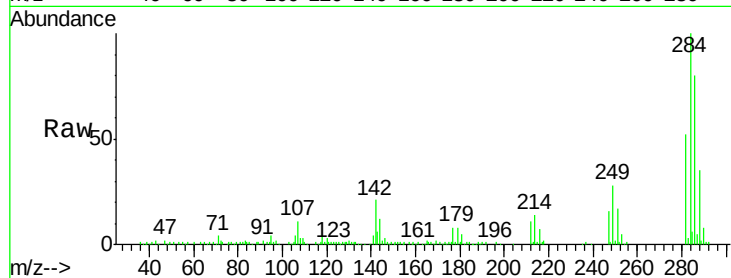
ClientSampleId :

PX4MSD

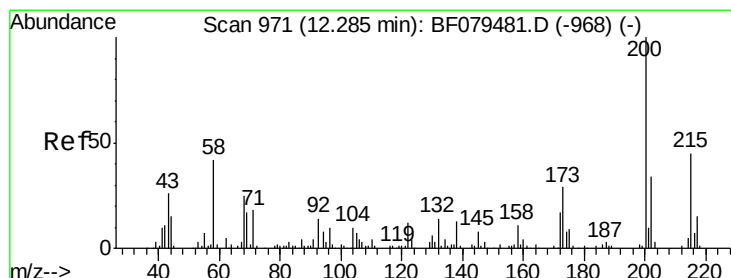
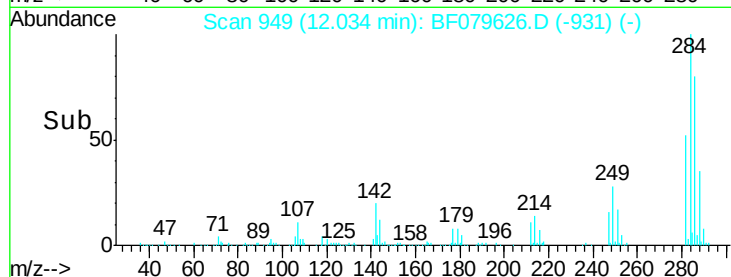
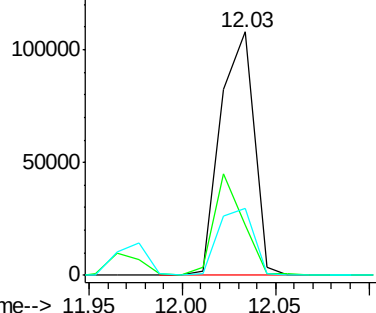
Tgt Ion:	284	Resp:	134323
Ion Ratio	Lower	Upper	
284	100		
142	20.7	26.2	39.2#
249	27.6	24.3	36.5

Manual Integrations
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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: 43.70 ng

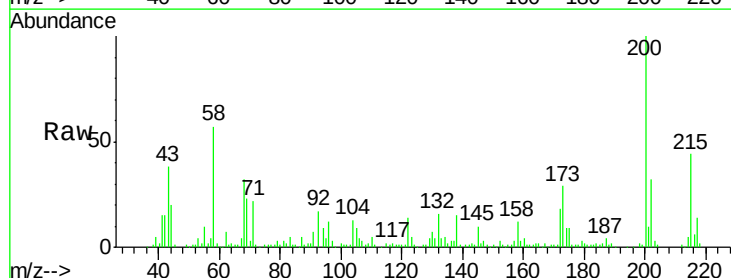
RT: 12.21 min Scan# 964

Delta R.T. 0.00 min

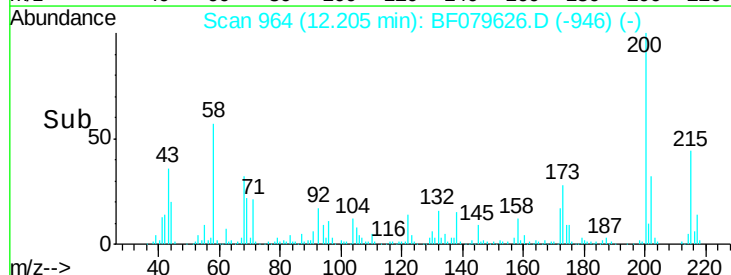
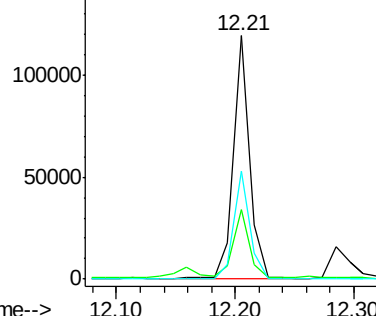
Lab File: BF079626.D

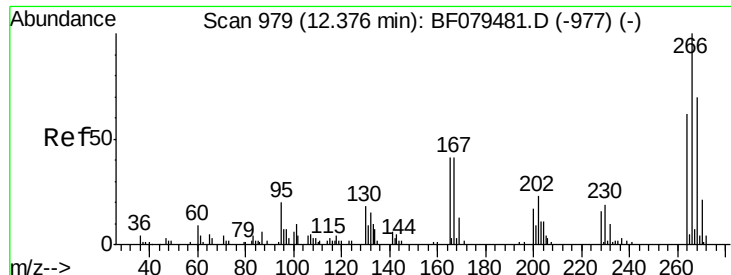
Acq: 31 May 2015 4:20

Tgt Ion:	200	Resp:	115639
Ion Ratio	Lower	Upper	
200	100		
173	28.7	9.4	49.4
215	44.2	25.3	65.3



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





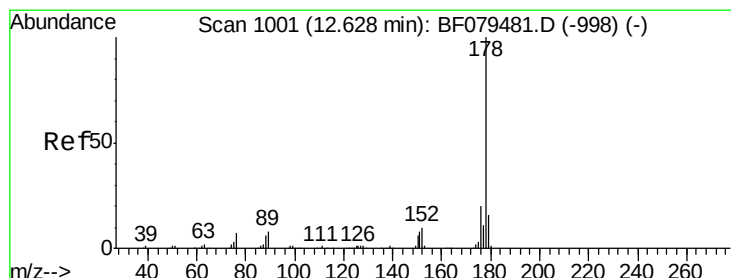
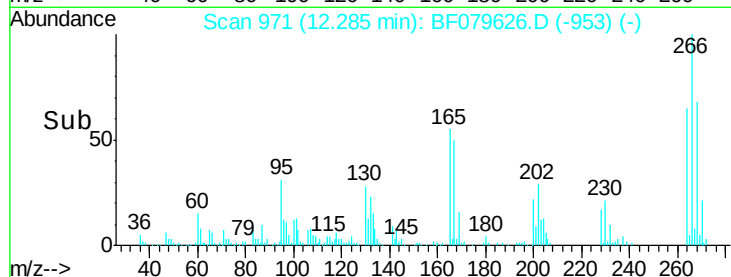
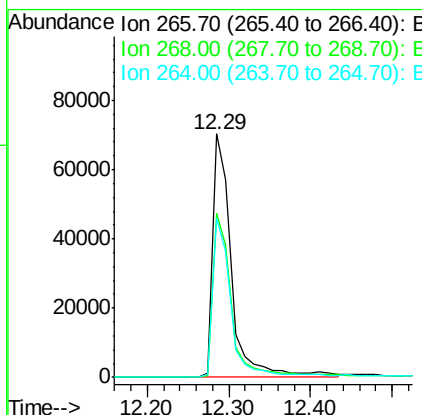
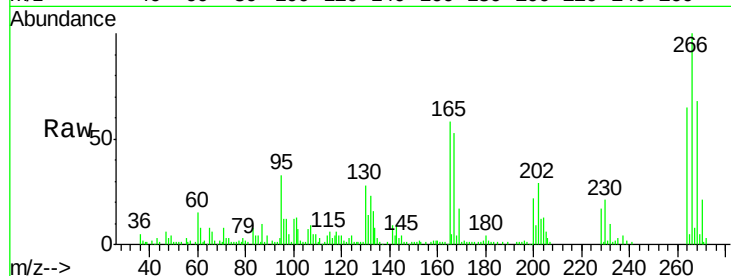
#69
 Pentachlorophenol
 Concen: 85.61 ng
 RT: 12.29 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	113567		
268	67.7	56.1	84.1	
264	65.3	50.0	75.0	

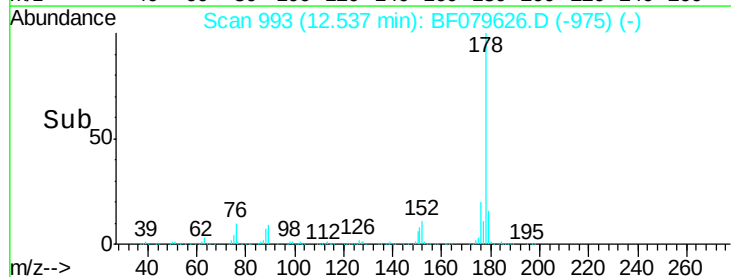
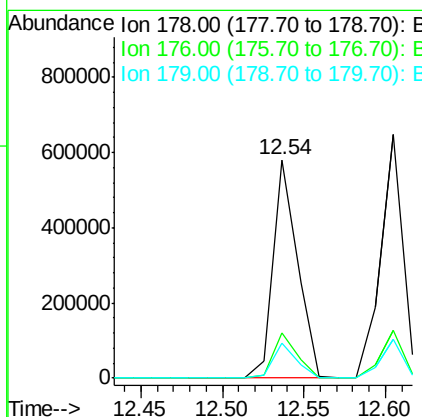
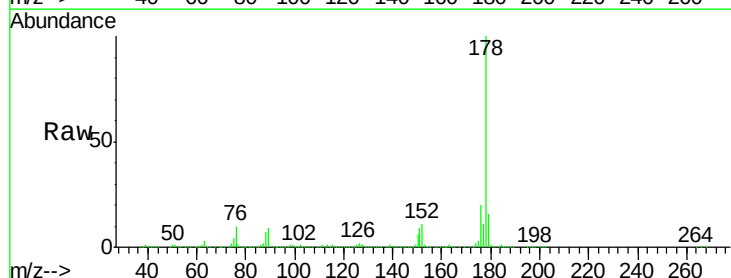
Manual Integrations
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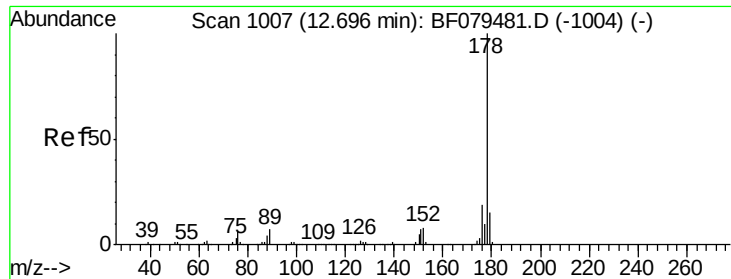
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#70
 Phenanthrene
 Concen: 37.51 ng
 RT: 12.54 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	606976		
176	20.5	15.7	23.5	
179	16.0	12.4	18.6	





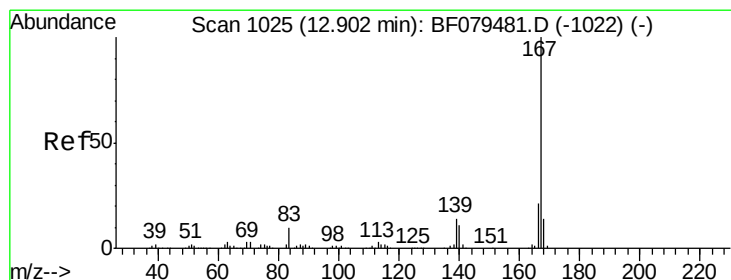
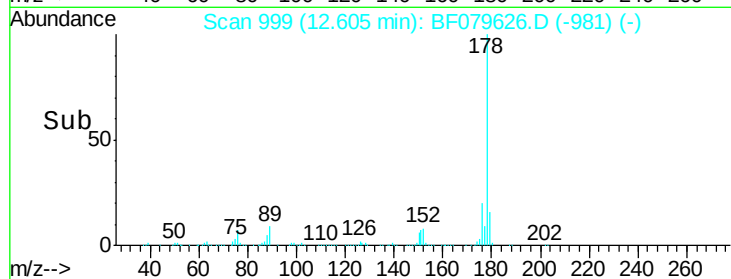
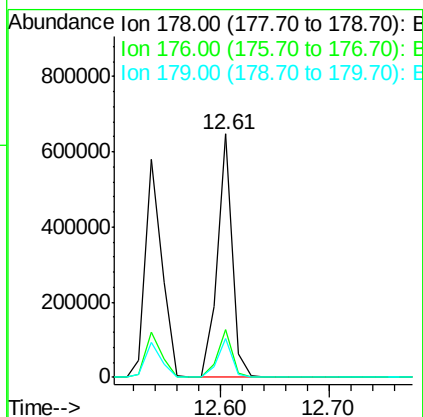
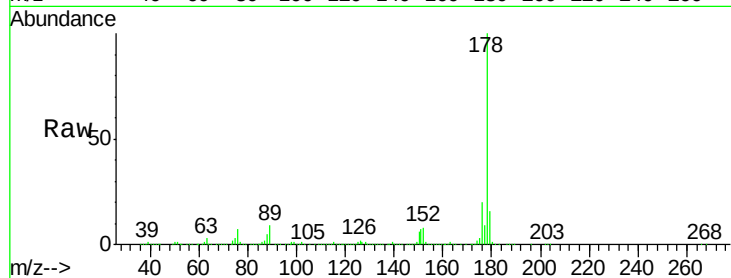
#71
 Anthracene
 Concen: 37.96 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	15.7	12.2	18.4

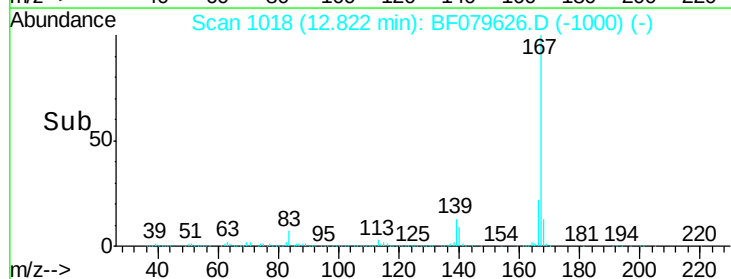
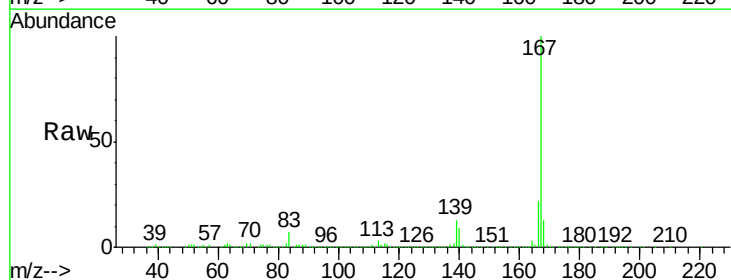
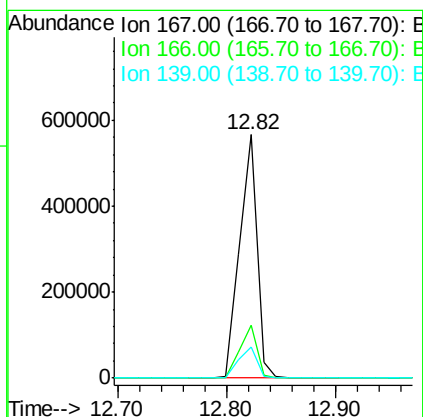
Manual Integrations
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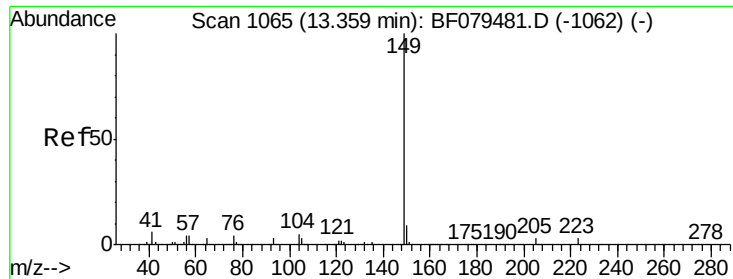
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#72
 Carbazole
 Concen: 39.08 ng
 RT: 12.82 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.8	11.2	16.8





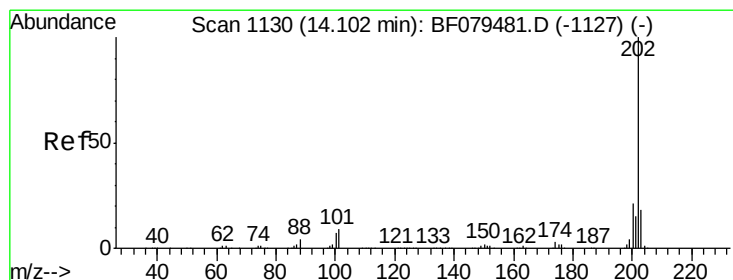
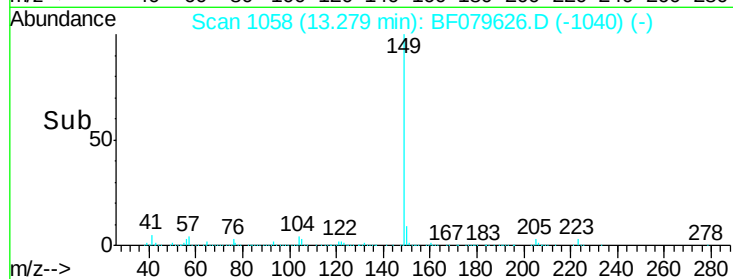
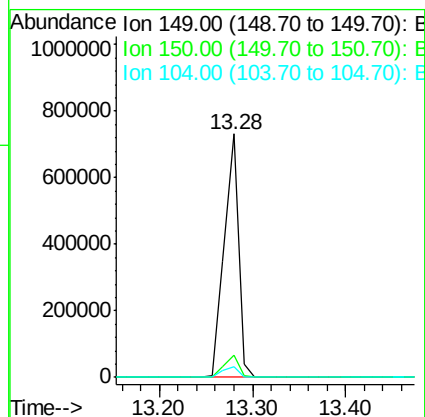
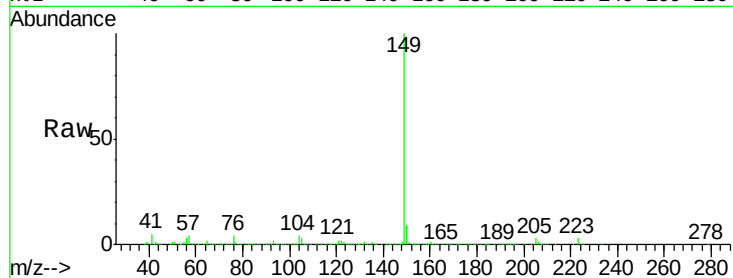
#73
Di-n-butylphthalate
Concen: 43.83 ng
RT: 13.28 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	776034		
150	9.2	7.5	11.3	
104	4.2	3.6	5.4	

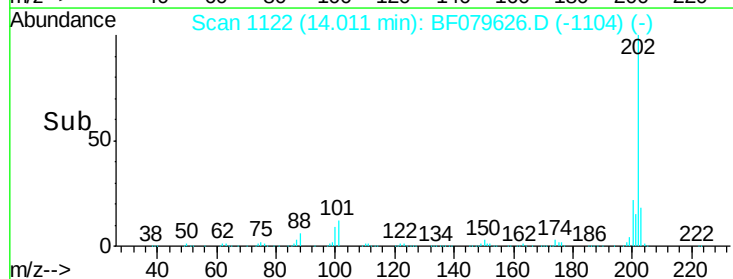
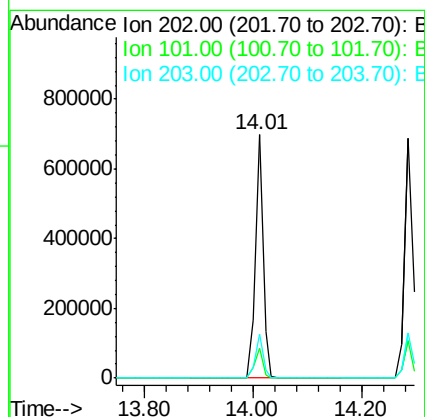
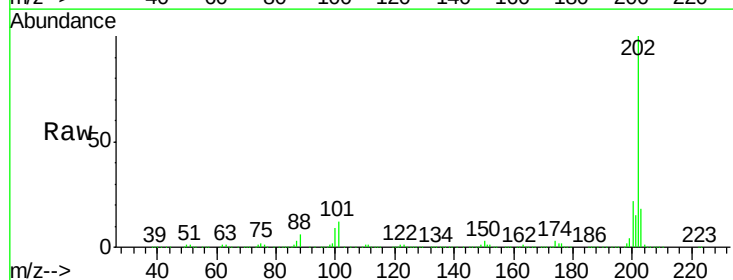
Manual Integrations
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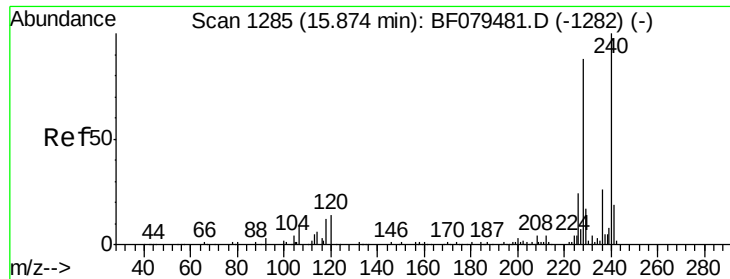
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#74
Fluoranthene
Concen: 39.84 ng
RT: 14.01 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	691292		
101	12.3	0.0	29.3	
203	17.8	0.0	37.6	





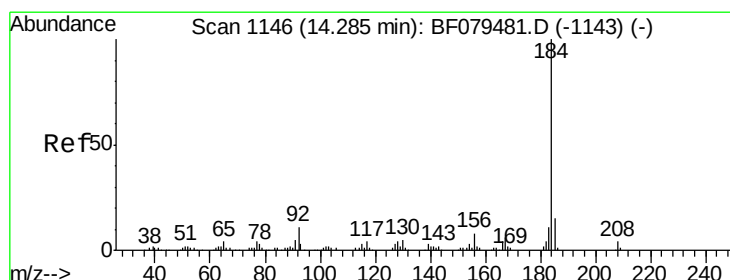
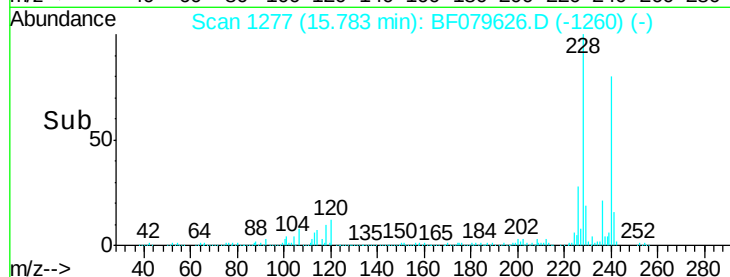
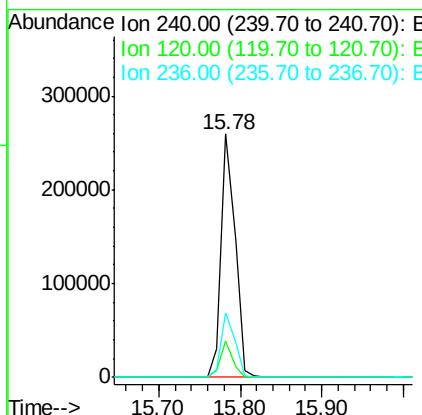
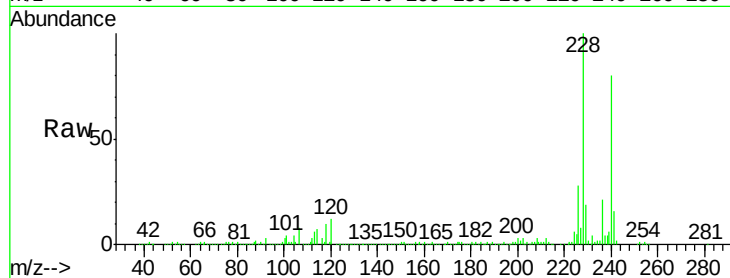
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	308490		
120	14.8	10.8	16.2	
236	26.5	21.0	31.6	

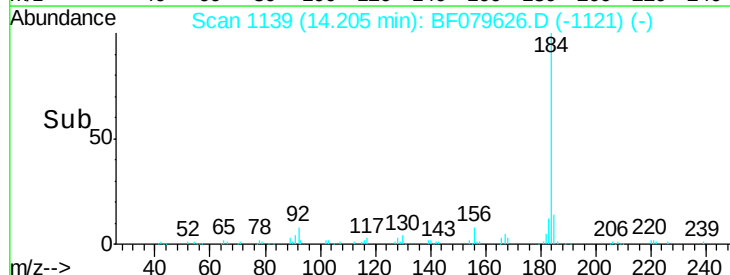
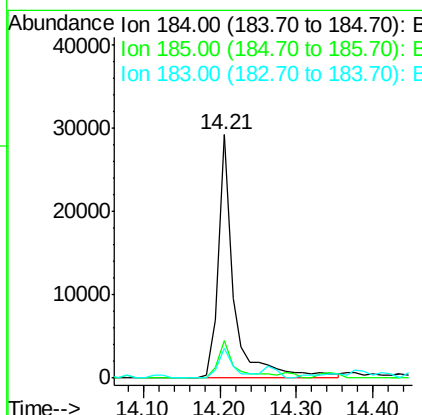
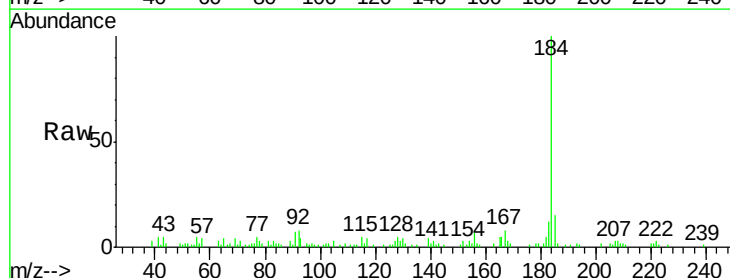
Manual Integrations
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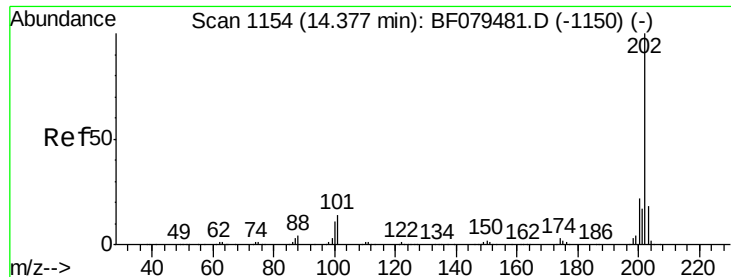
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#76
Benzidine
Concen: 6.30 ng
RT: 14.21 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	41614		
185	15.4	12.1	18.1	
183	12.2	8.6	12.8	





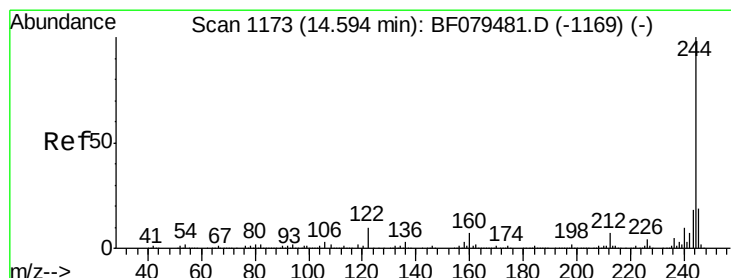
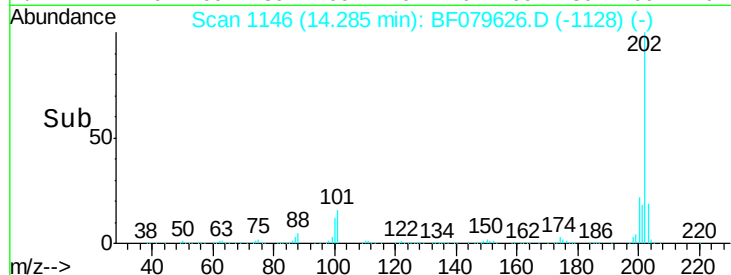
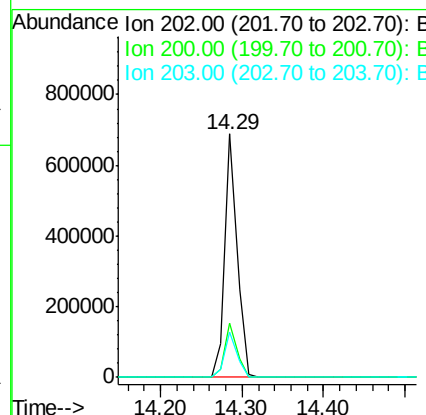
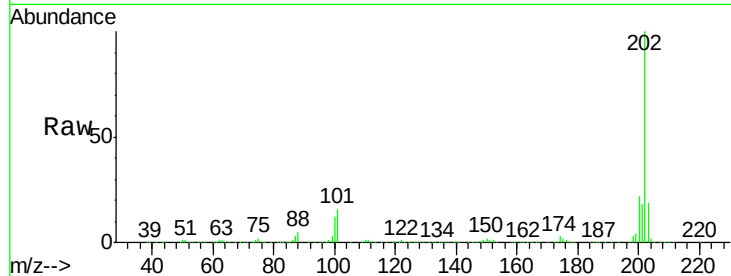
#77
 Pyrene
 Concen: 37.45 ng
 RT: 14.29 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	715774		
200	22.4	17.5	26.3	
203	18.7	14.4	21.6	

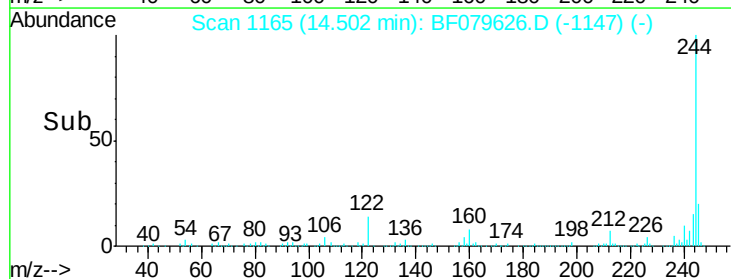
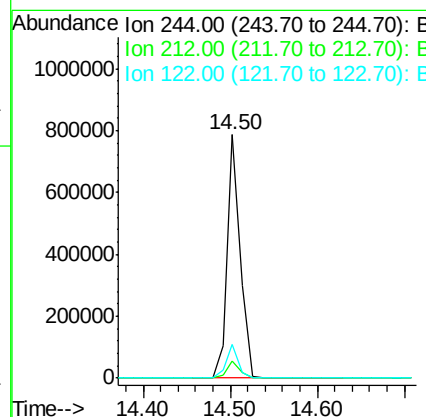
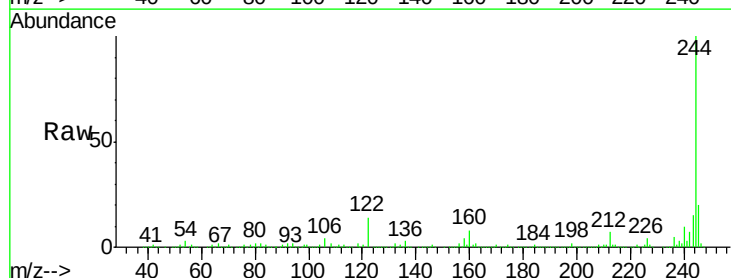
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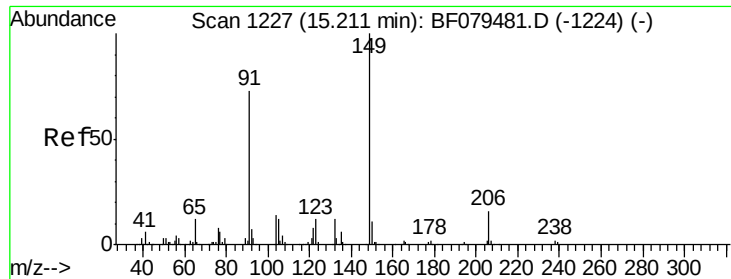
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#78
 Terphenyl-d14
 Concen: 62.65 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	823513		
212	6.8	5.2	7.8	
122	13.7	8.0	12.0	





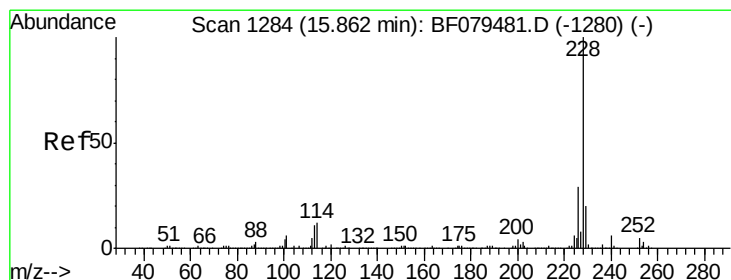
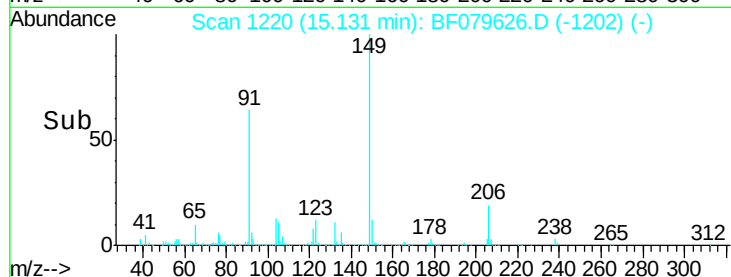
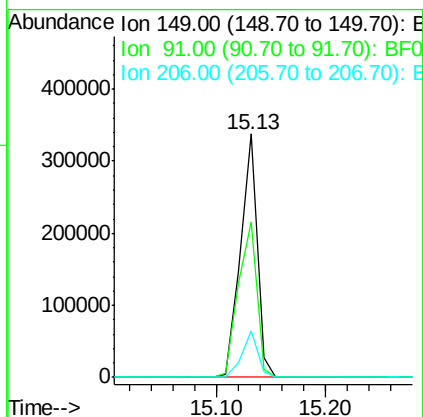
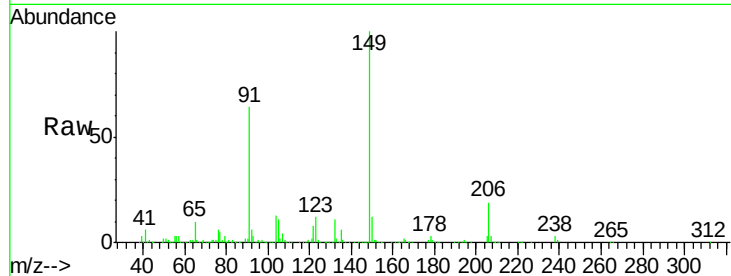
#79
Butylbenzylphthalate
Concen: 41.36 ng
RT: 15.13 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	63.8	58.1	87.1
206	19.1	13.1	19.7

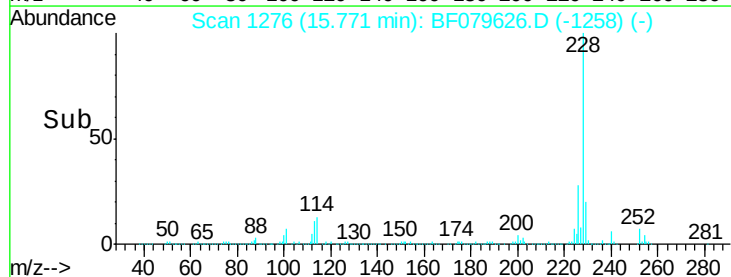
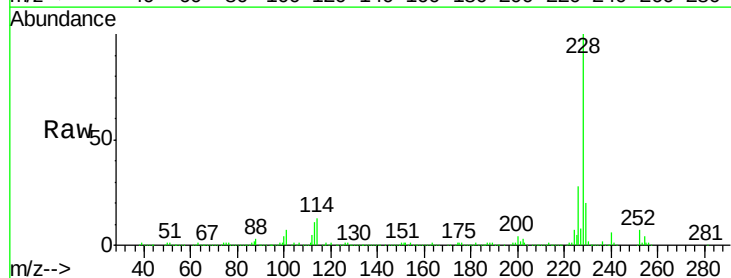
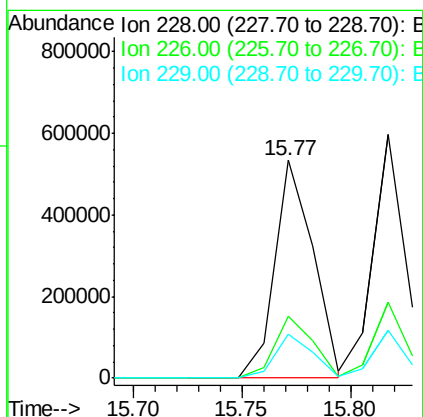
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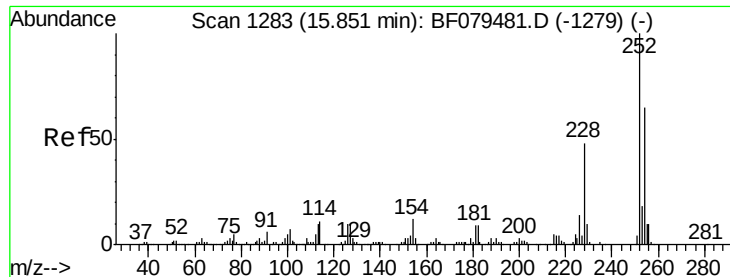
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#80
Benzo(a)anthracene
Concen: 36.98 ng
RT: 15.77 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.5	22.8	34.2
229	20.3	15.9	23.9





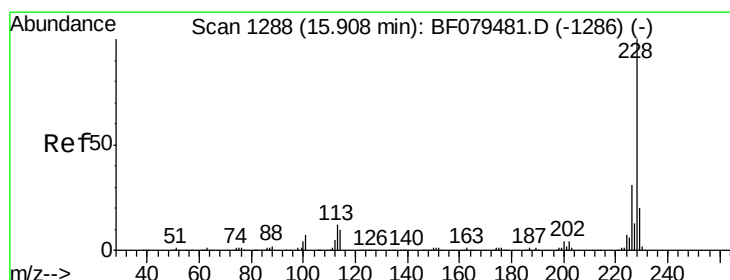
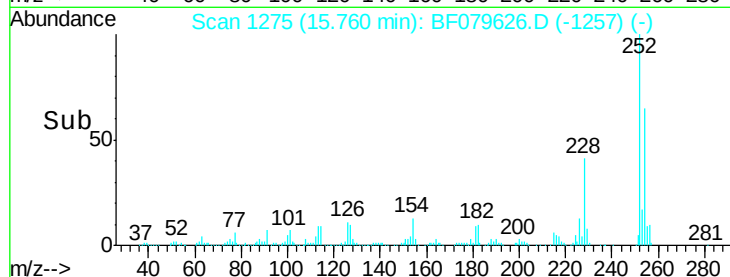
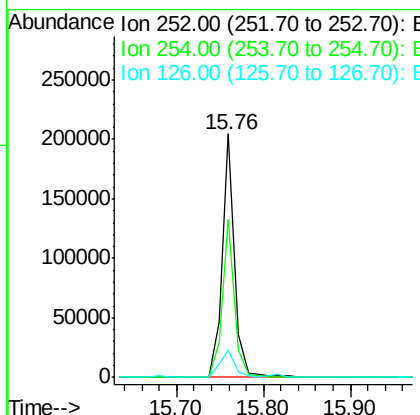
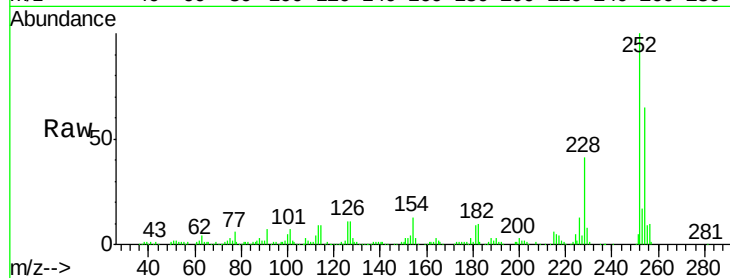
#81
 3,3'-Dichlorobenzidine
 Concen: 31.70 ng
 RT: 15.76 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampled :
 PX4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	206008		
254	64.7	52.1	78.1	
126	11.0	8.2	12.2	

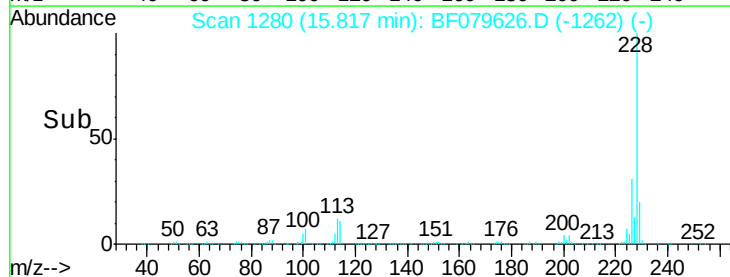
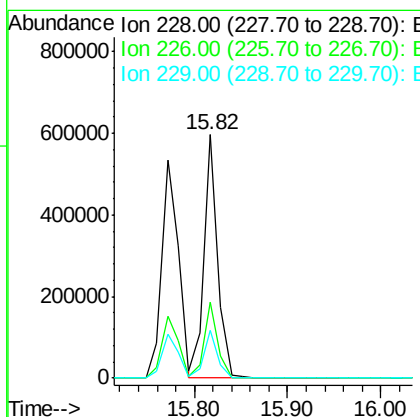
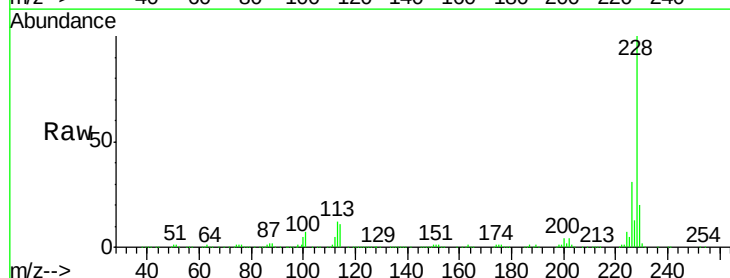
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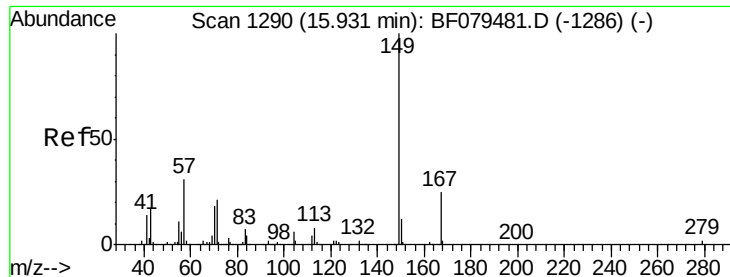
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#82
 Chrysene
 Concen: 36.50 ng
 RT: 15.82 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	615738		
226	31.3	25.0	37.4	
229	19.8	15.9	23.9	





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.11 ng

RT: 15.85 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

Tgt Ion:149 Resp: 530802
Ion Ratio Lower Upper

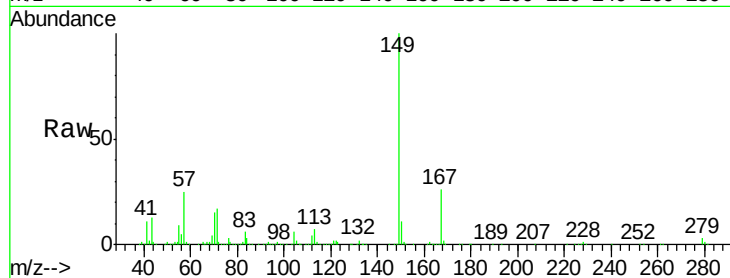
149 100

167 26.4 20.2 30.4

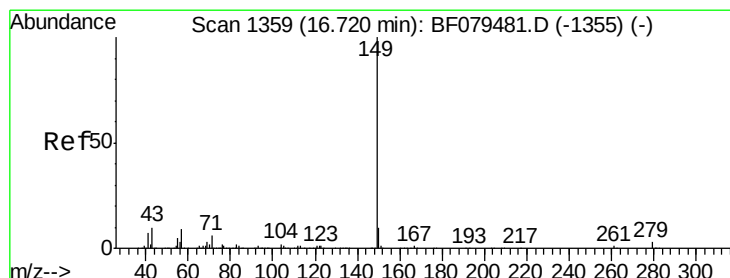
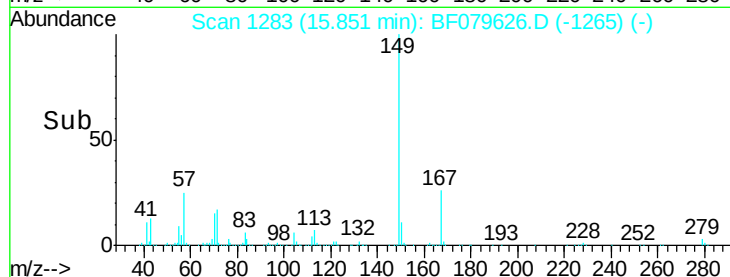
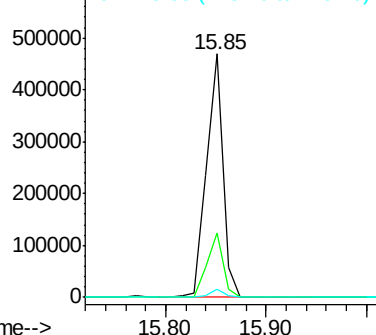
279 3.5 2.0 3.0#

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



#84

Di-n-octyl phthalate

Concen: 41.89 ng

RT: 16.63 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF079626.D

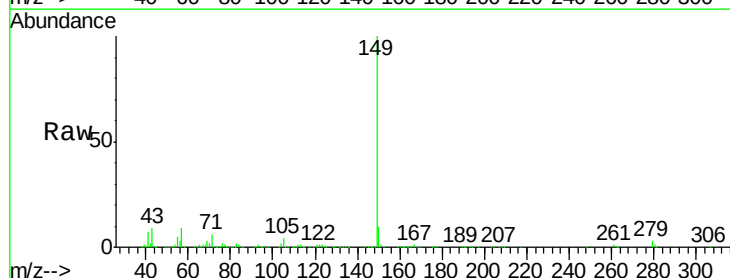
Acq: 31 May 2015 4:20

Tgt Ion:149 Resp: 897746
Ion Ratio Lower Upper

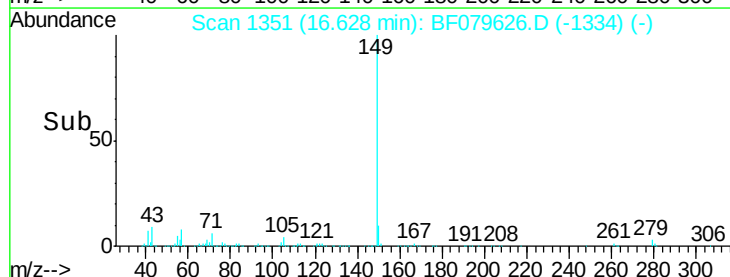
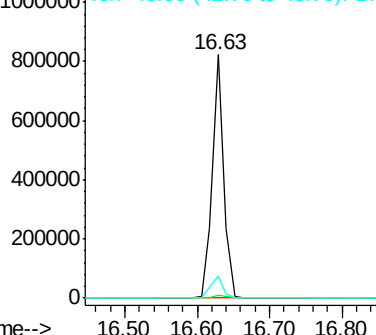
149 100

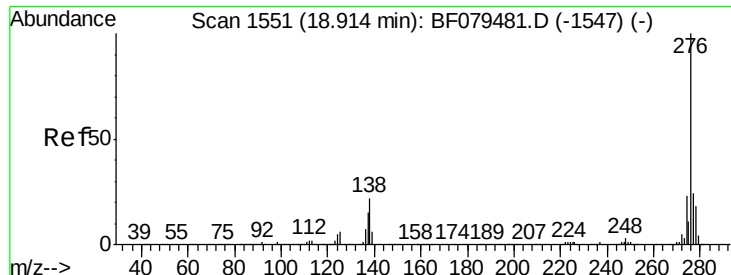
167 1.6 1.2 1.8

43 9.6 7.8 11.6



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





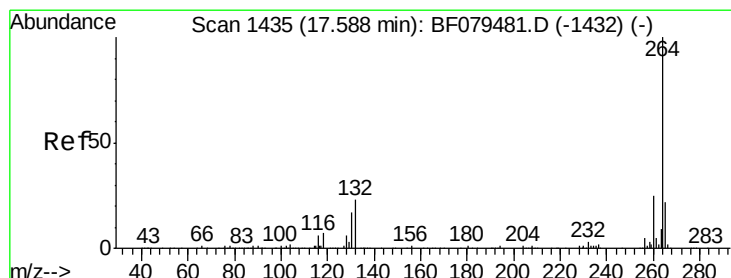
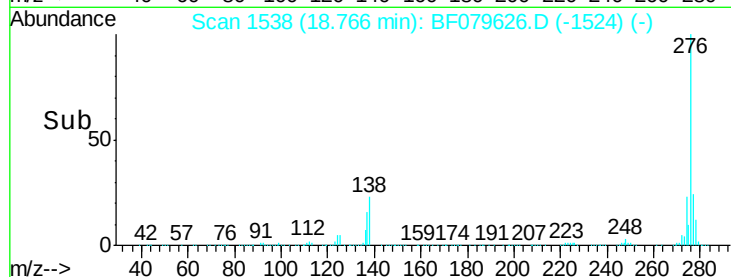
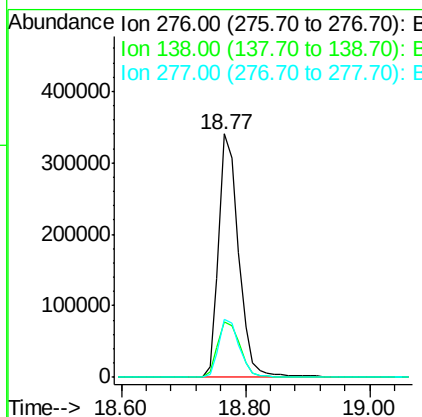
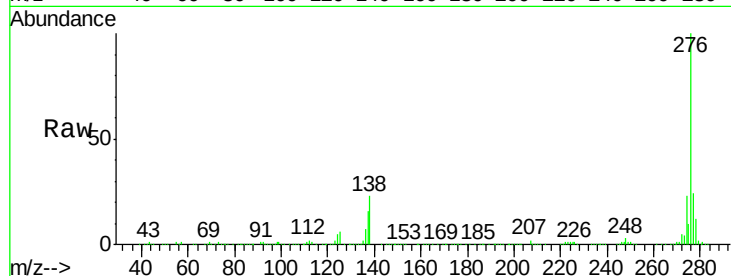
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.90 ng
 RT: 18.77 min Scan# 1538
 Delta R.T. -0.05 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion:	276	Resp:	757264
Ion Ratio	Lower	Upper	
276	100		
138	25.8	21.4	32.2
277	24.8	19.8	29.6

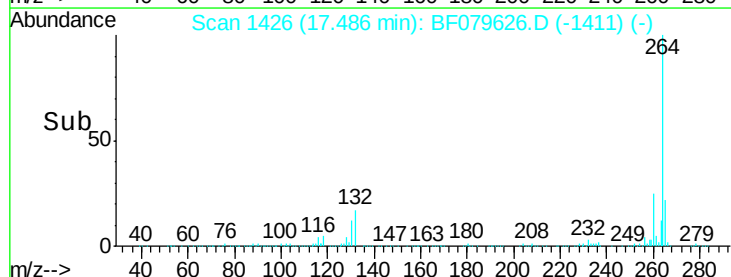
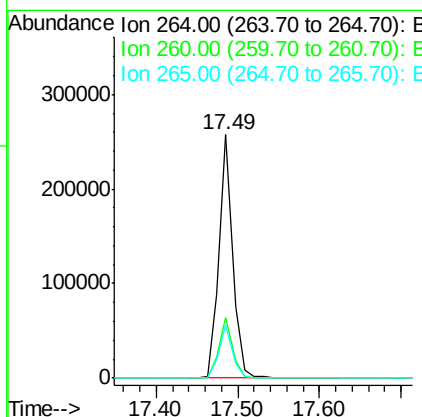
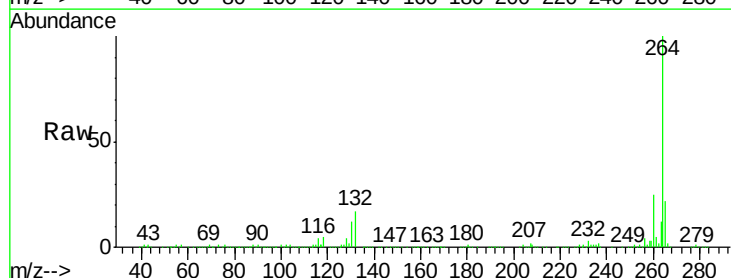
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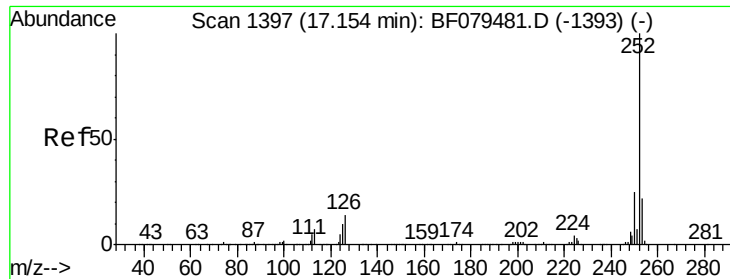
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.49 min Scan# 1426
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion:	264	Resp:	301875
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.8	29.8
265	21.9	17.8	26.6





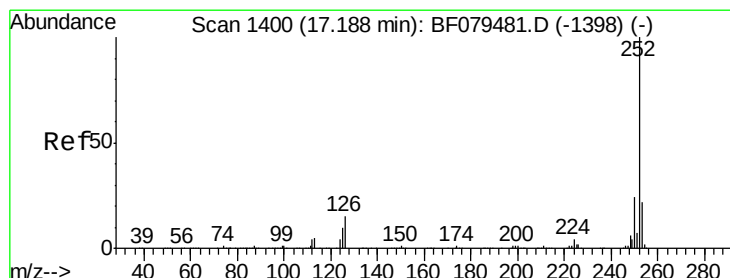
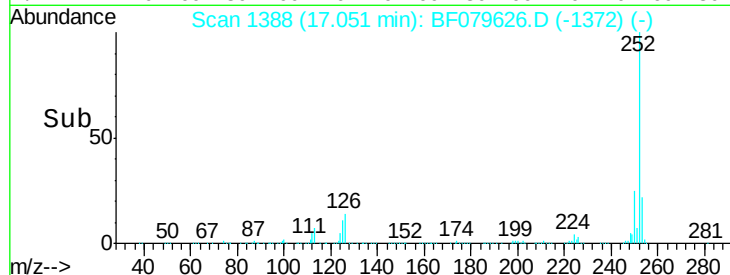
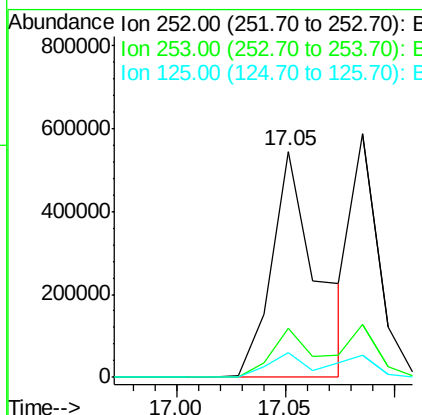
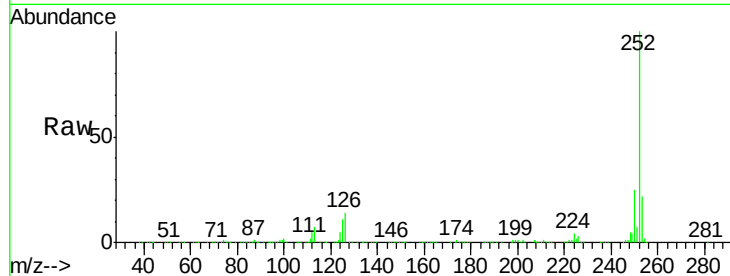
#87
Benzo(b)fluoranthene
Concen: 46.27 ng
RT: 17.05 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.6	26.4
125	10.7	7.8	11.6

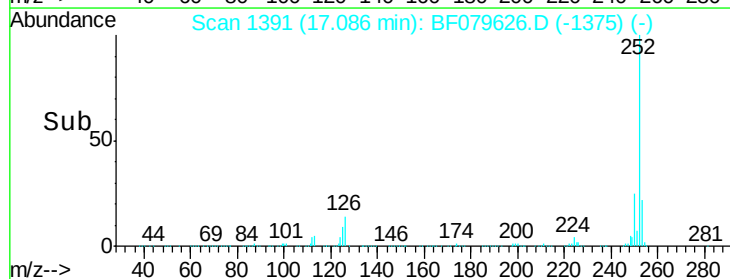
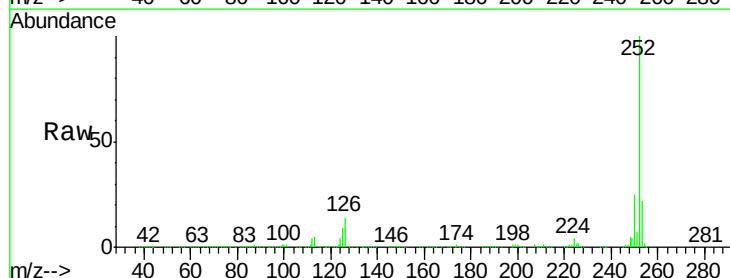
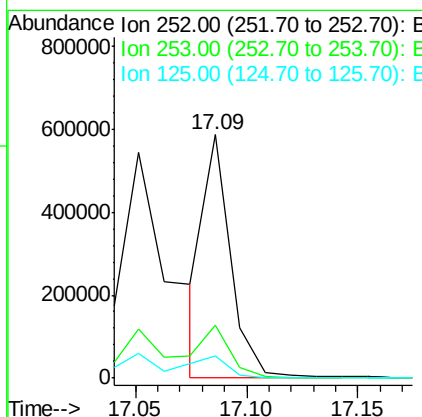
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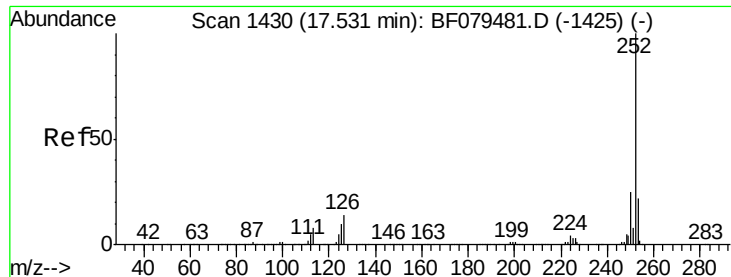
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#88
Benzo(k)fluoranthene
Concen: 32.73 ng m
RT: 17.09 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	17.2	25.8
125	9.2	6.8	10.2





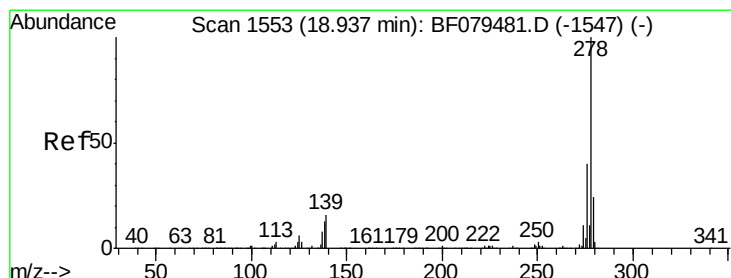
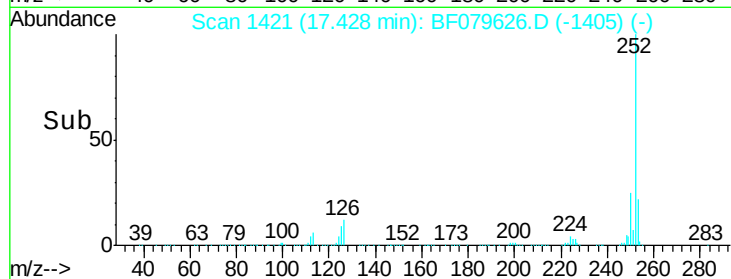
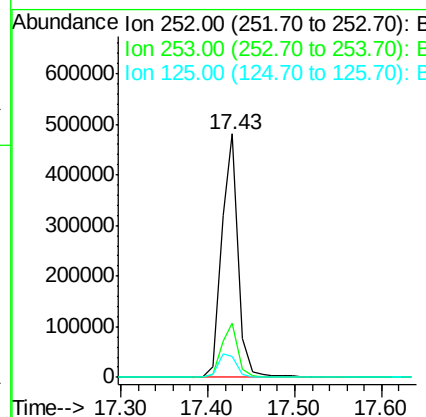
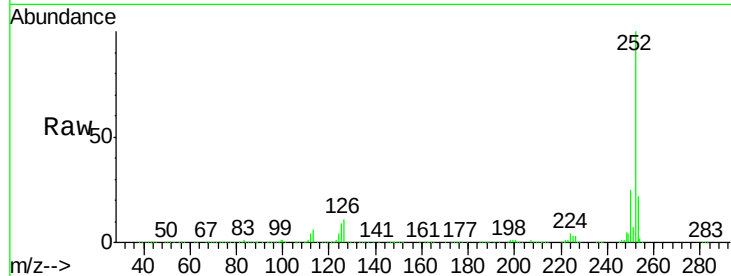
#89
Benzo(a)pyrene
Concen: 41.93 ng
RT: 17.43 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.7	7.9	11.9

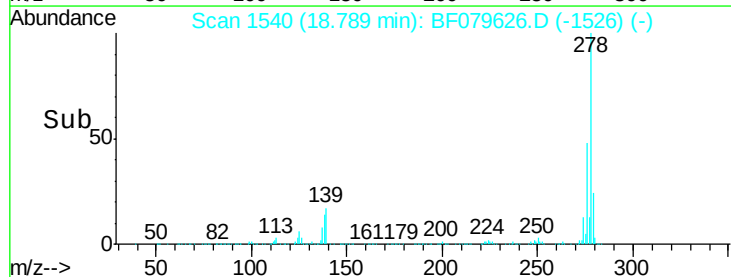
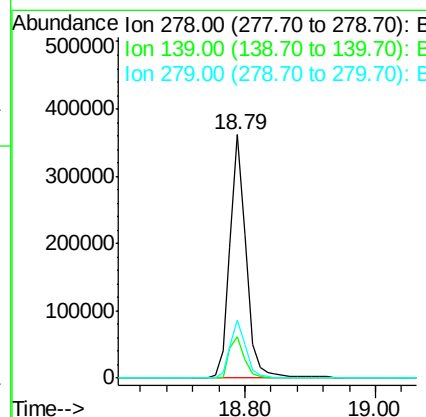
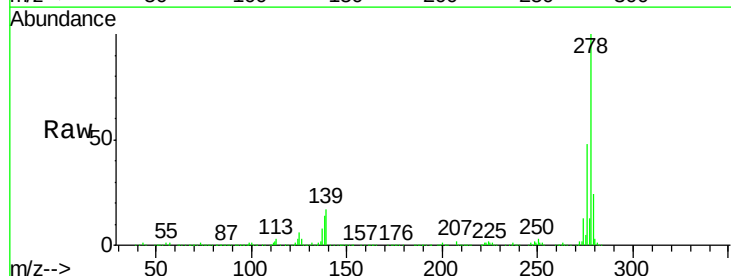
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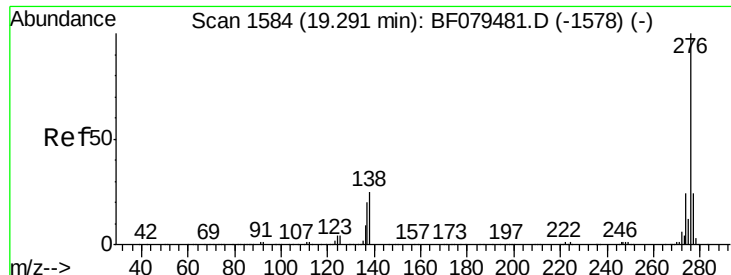
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#90
Dibenzo(a,h)anthracene
Concen: 39.51 ng
RT: 18.79 min Scan# 1540
Delta R.T. -0.05 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.8	19.2
279	23.9	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 40.71 ng
 RT: 19.14 min Scan# 1571
 Delta R.T. -0.05 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	19.1	28.7
138	21.0	20.1	30.1

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