

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079496.D
 Acq On : 27 May 2015 1:55
 Operator : TP/IZ
 Sample : G2289-13MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Manual Integrations
 APPROVED

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 5/27/2015 2:01:50 PM

Quant Time: May 27 03:03:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	74893	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	304704	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	152467	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	292833	20.00	ng	0.01
75) Chrysene-d12	15.89	240	323260	20.00	ng	0.01
86) Perylene-d12	17.61	264	341946	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	643079m	148.93	ng	0.00
7) Phenol-d6	6.62	99	819120	148.83	ng	0.00
23) Nitrobenzene-d5	7.72	82	495883	94.08	ng	0.01
41) 2,4,6-Tribromophenol	11.75	330	251002	149.88	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	911715	85.31	ng	0.00
78) Terphenyl-d14	14.59	244	1116265	81.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	78442m	38.19	ng	
3) Pyridine	2.50	79	229281m	50.69	ng	
4) n-Nitrosodimethylamine	2.43	42	109864m	49.33	ng	
6) Aniline	6.62	93	174680m	22.36	ng	
8) 2-Chlorophenol	6.75	128	245322	48.81	ng	95
9) Benzaldehyde	6.47	77	42987m	11.55	ng	
10) Phenol	6.63	94	308260m	47.57	ng	
11) bis(2-Chloroethyl)ether	6.72	93	228384	48.72	ng	97
12) 1,3-Dichlorobenzene	6.94	146	254328	45.67	ng	96
13) 1,4-Dichlorobenzene	7.04	146	261529	46.04	ng	98
14) 1,2-Dichlorobenzene	7.22	146	247309	46.87	ng	99
15) Benzyl Alcohol	7.22	79	176211	43.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	334227	48.71	ng	98
17) 2-Methylphenol	7.38	107	192049	48.63	ng	98
18) Hexachloroethane	7.63	117	82811	42.35	ng	97
19) n-Nitroso-di-n-propylamine	7.55	70	178282	46.04	ng	# 87
20) 3+4-Methylphenols	7.58	107	259288	47.78	ng	97
22) Acetophenone	7.53	105	339101	49.67	ng	# 98
24) Nitrobenzene	7.75	77	245479	47.25	ng	# 81
25) Isophorone	8.04	82	464528	48.35	ng	97
26) 2-Nitrophenol	8.14	139	125165	50.89	ng	94
27) 2,4-Dimethylphenol	8.22	122	221679	50.14	ng	99
28) bis(2-Chloroethoxy)methane	8.33	93	297795	50.01	ng	99
29) 2,4-Dichlorophenol	8.44	162	211503	52.22	ng	97
30) 1,2,4-Trichlorobenzene	8.54	180	206879	49.24	ng	94
31) Naphthalene	8.63	128	711837	48.68	ng	99
32) Benzoic acid	8.34	122	52563	19.16	ng	94
33) 4-Chloroaniline	8.71	127	154467	25.28	ng	99
34) Hexachlorobutadiene	8.78	225	113098	47.33	ng	98
35) Caprolactam	9.14	113	65577m	51.34	ng	
36) 4-Chloro-3-methylphenol	9.34	107	214015	50.95	ng	# 84
37) 2-Methylnaphthalene	9.48	142	502878	49.53	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	202615	47.51	ng	# 100
40) Hexachlorocyclopentadiene	9.67	237	21292	27.94	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.85	196	140572	47.21	nq	98
43) 2,4,5-Trichlorophenol	9.90	196	148078	49.96	nq #	90
45) 1,1'-Biphenyl	10.07	154	585746	49.19	nq	99
46) 2-Chloronaphthalene	10.08	162	438824	46.66	nq	96
47) 2-Nitroaniline	10.23	65	138322	49.46	nq #	53
48) Acenaphthylene	10.59	152	738515	47.31	nq	99
49) Dimethylphthalate	10.47	163	619299	55.13	nq	99
50) 2,6-Dinitrotoluene	10.54	165	112684	50.21	nq #	77
51) Acenaphthene	10.81	154	437480	49.01	nq	99
52) 3-Nitroaniline	10.74	138	98679	33.80	nq #	74
53) 2,4-Dinitrophenol	10.88	184	21554	35.12	nq #	73
54) Dibenzofuran	11.02	168	666870	50.65	nq	98
55) 4-Nitrophenol	10.98	139	187625	115.90	nq	96
56) 2,4-Dinitrotoluene	11.04	165	155401	51.63	nq #	71
57) Fluorene	11.45	166	548395	50.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.19	232	114608	53.13	nq #	100
59) Diethylphthalate	11.34	149	527323	47.95	nq	96
60) 4-Chlorophenyl-phenylether	11.46	204	228185	48.66	nq #	82
61) 4-Nitroaniline	11.50	138	117589	43.24	nq	86
62) Azobenzene	11.66	77	570290	53.32	nq	89
64) 4,6-Dinitro-2-methylphenol	11.54	198	30527	24.61	nq	81
65) n-Nitrosodiphenylamine	11.61	169	456493	46.94	nq	99
66) 4-Bromophenyl-phenylether	12.06	248	147322	48.86	nq #	86
67) Hexachlorobenzene	12.12	284	165741	48.21	nq #	86
68) Atrazine	12.28	200	137212	52.22	nq	97
69) Pentachlorophenol	12.38	266	155388	117.98	nq	97
70) Phenanthrene	12.63	178	929912	57.88	nq	99
71) Anthracene	12.70	178	825549	50.62	nq	98
72) Carbazole	12.91	167	818685	52.14	nq	97
73) Di-n-butylphthalate	13.36	149	872664	49.92	nq	99
74) Fluoranthene	14.10	202	1020582	59.24	nq	93
76) Benzidine	14.30	184	365980	52.86	nq	98
77) Pyrene	14.39	202	1062876	53.07	nq	99
79) Butylbenzylphthalate	15.22	149	431964	47.96	nq	91
80) Benzo(a)anthracene	15.87	228	940821	50.59	nq	100
81) 3,3'-Dichlorobenzidine	15.85	252	302619	44.44	nq #	97
82) Chrysene	15.92	228	866579	49.03	nq	99
83) Bis(2-ethylhexyl)phthalate	15.94	149	609143	47.21	nq #	96
84) Di-n-octyl phthalate	16.73	149	1055163	46.99	nq	100
85) Indeno(1,2,3-cd)pyrene	18.94	276	1090022	47.94	nq	99
87) Benzo(b)fluoranthene	17.17	252	1051130	53.90	nq #	96
88) Benzo(k)fluoranthene	17.20	252	813972m	46.67	nq	
89) Benzo(a)pyrene	17.55	252	932761	54.97	nq	98
90) Dibenzo(a,h)anthracene	18.96	278	876329	49.12	nq	96
91) Benzo(g,h,i)perylene	19.34	276	926712	51.55	nq #	94

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

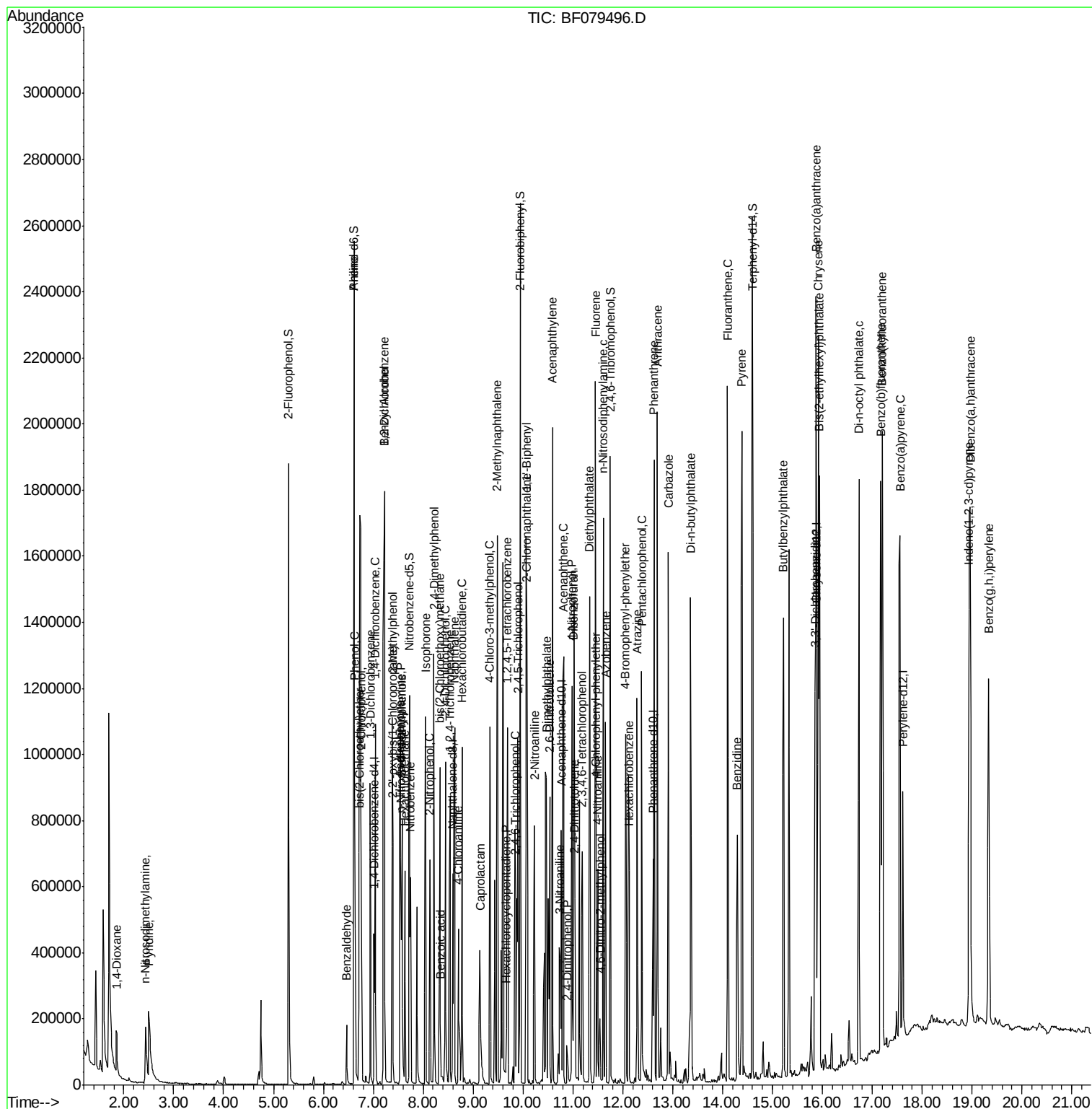
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
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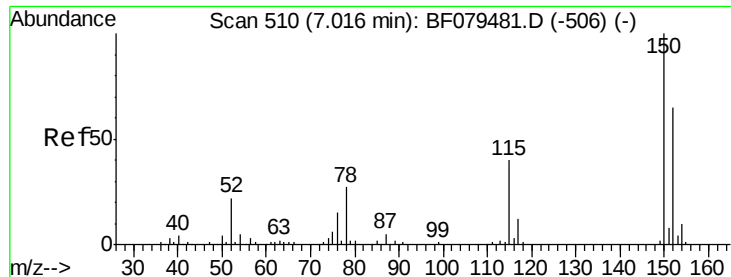
Instrument :
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#1

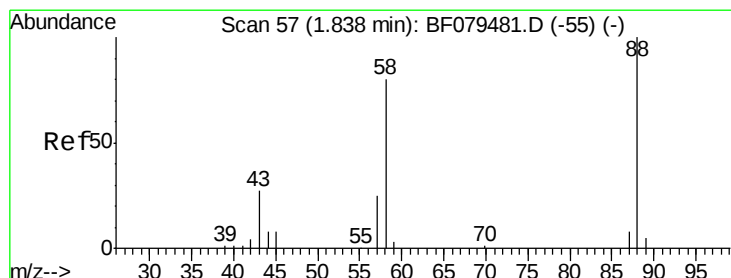
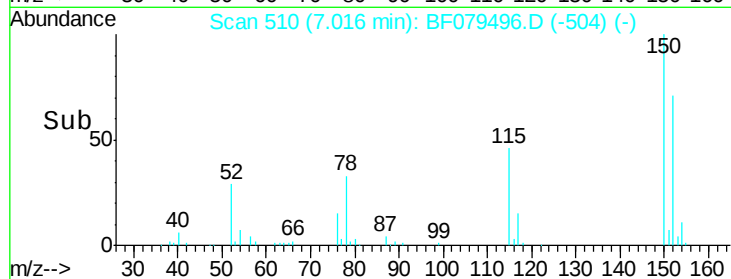
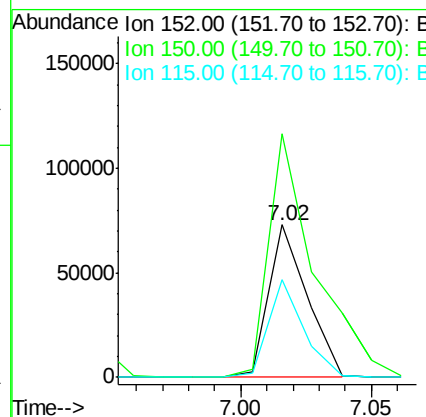
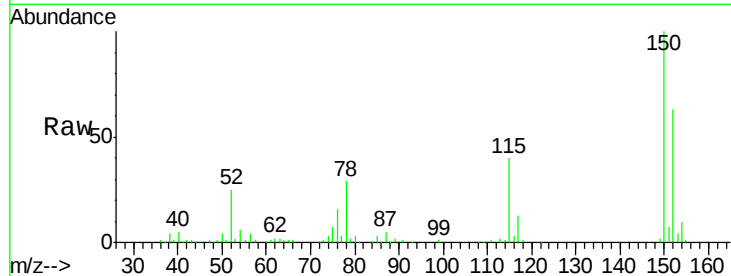
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.0	186.0
115	64.5	49.6	74.4

Manual Integrations
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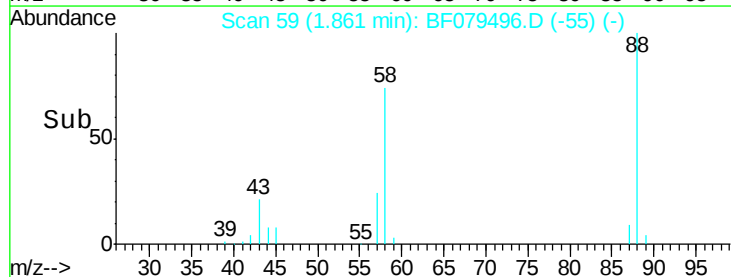
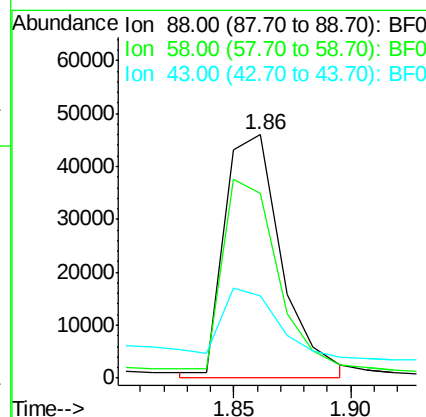
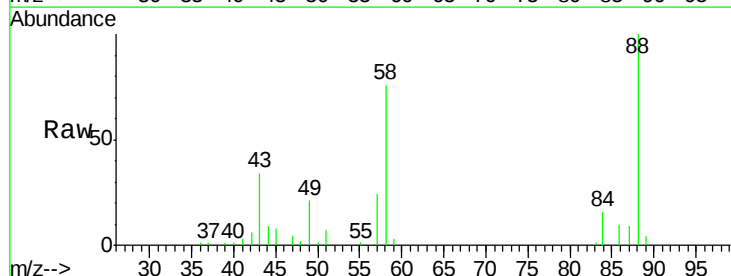
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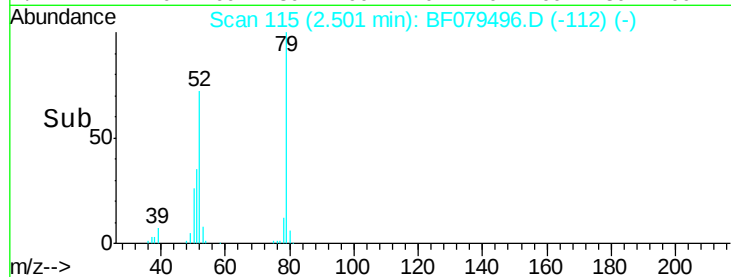
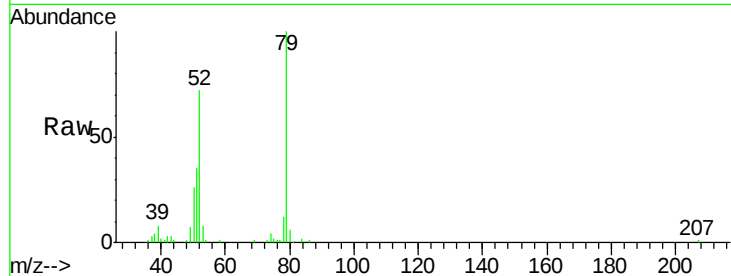
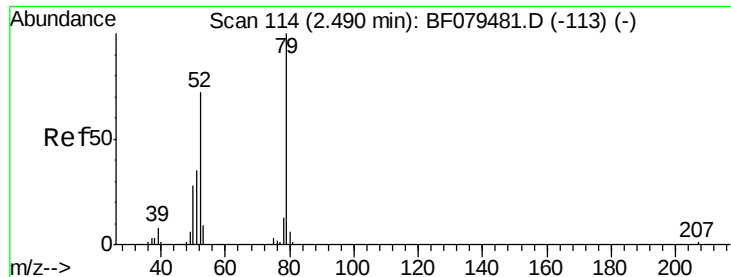


#2

1,4-Dioxane
Concen: 38.19 ng m
RT: 1.86 min Scan# 59
Delta R.T. 0.02 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0





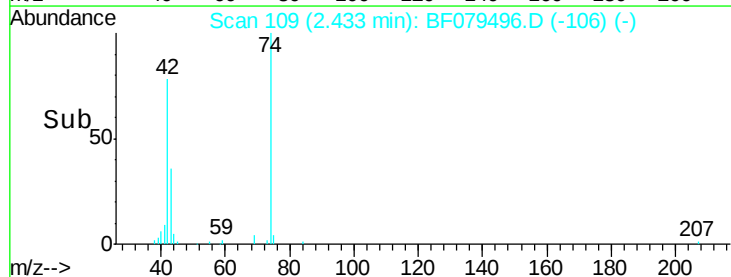
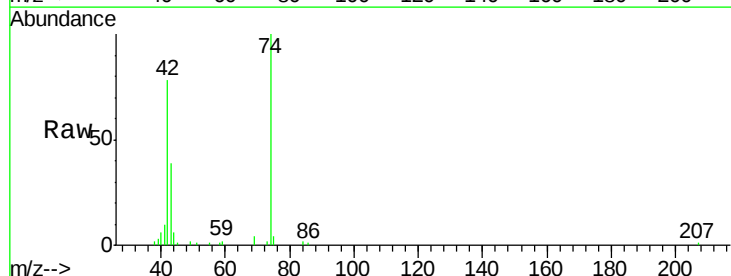
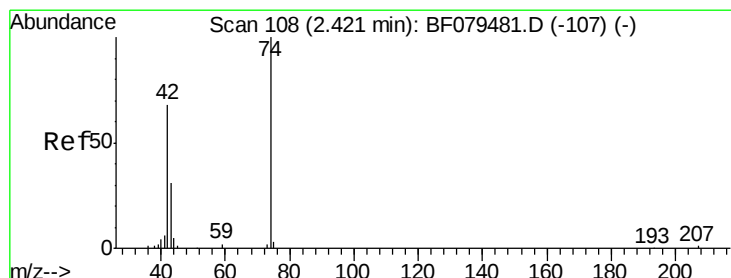
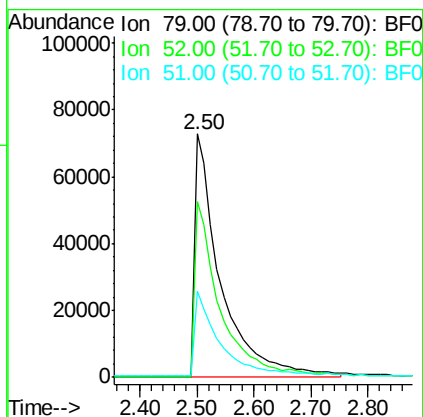
#3
Pvridine
Concen: 50.69 ng/ml
RT: 2.50 min Scan# 115
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.0	57.4	86.2
51	35.5	29.4	44.0

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

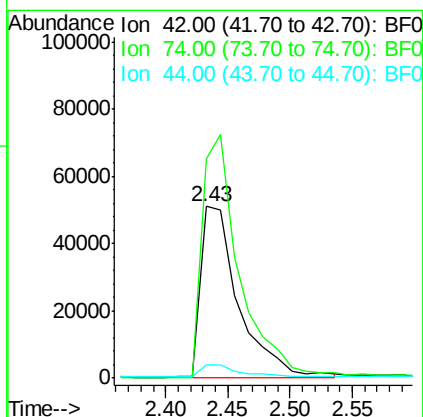
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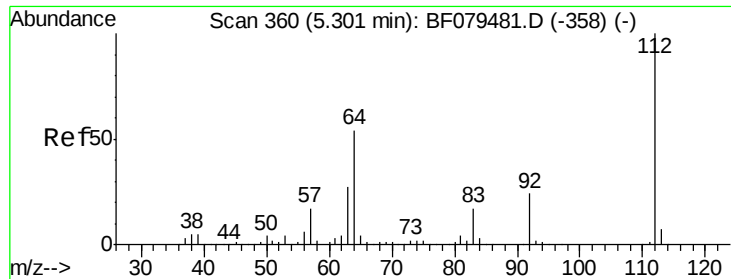
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#4
n-Nitrosodimethylamine
Concen: 49.33 ng/ml
RT: 2.43 min Scan# 109
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.9	117.6	176.4
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 148.93 ng/mL

RT: 5.30 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

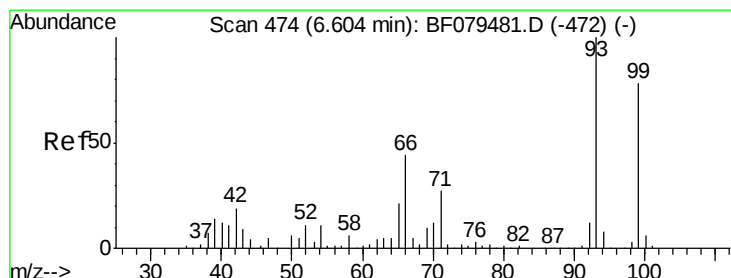
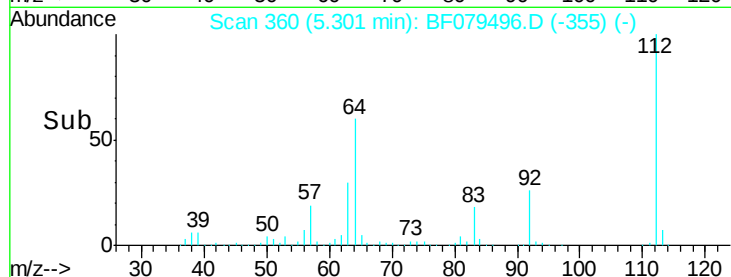
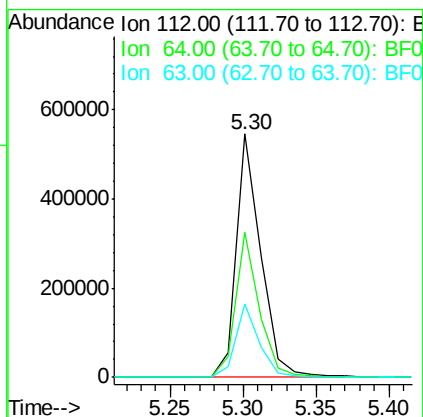
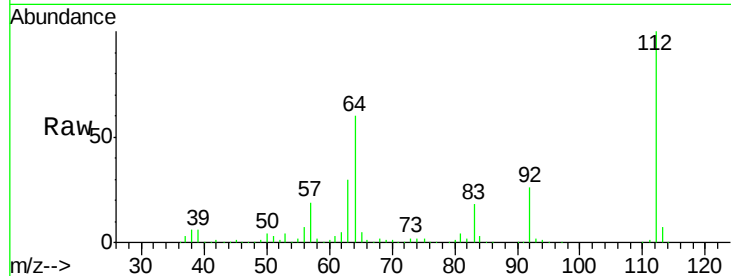
ClientSampleId :

SB-31SMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	59.8	43.5	65.3
63	29.9	21.8	32.8

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#6

Aniline

Concen: 22.36 ng/mL

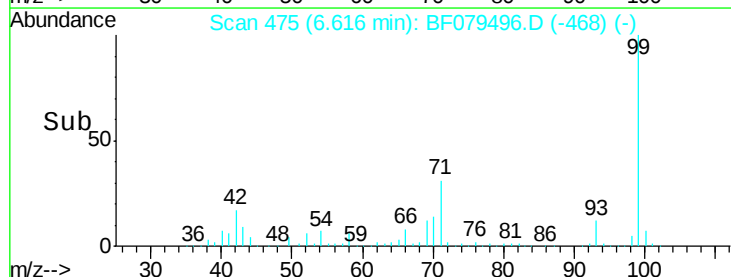
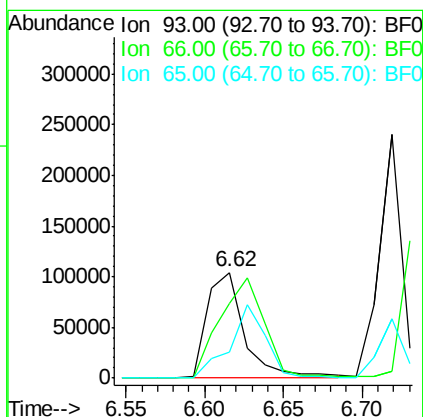
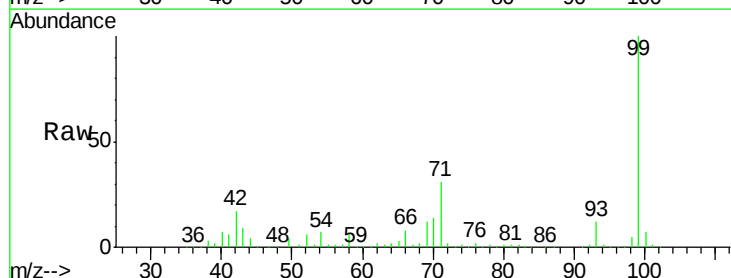
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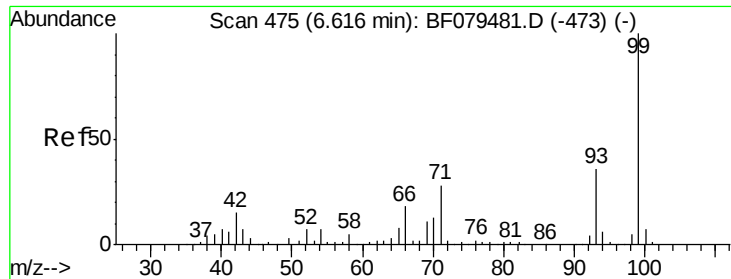
Delta R.T. 0.01 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	70.2	34.8	52.2#
65	24.9	16.7	25.1





#7

Phenol-d6

Concen: 148.83 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

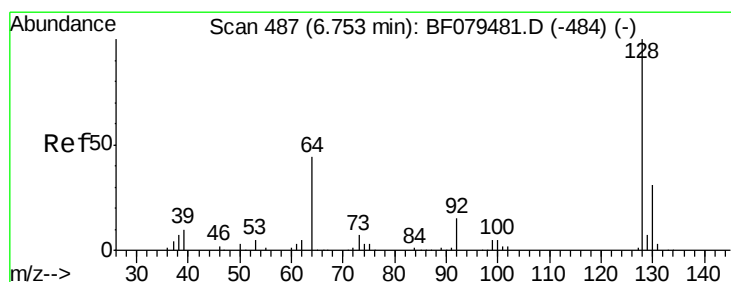
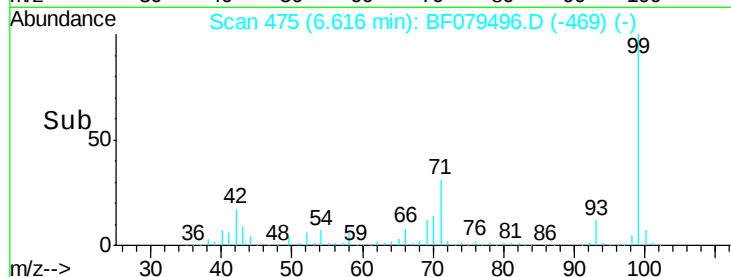
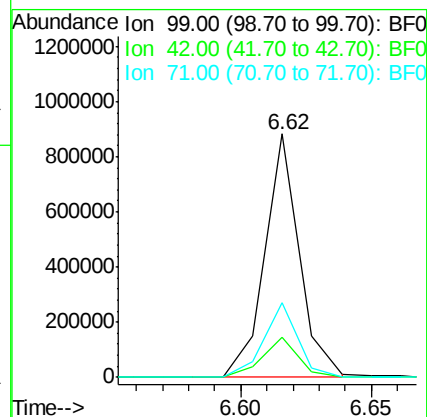
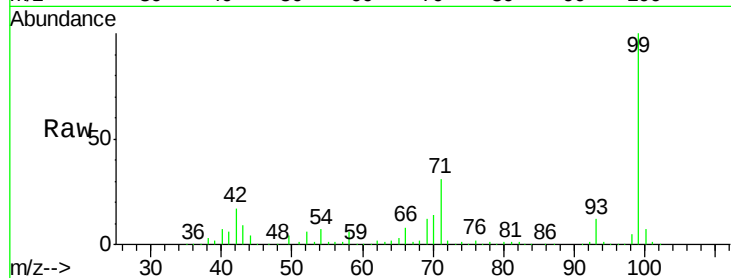
ClientSampled :

SB-31SMSD

Tot Ion:	99	Resp:	819120
Ion Ratio	Lower	Upper	
99	100		
42	16.5	11.9	17.9
71	30.7	22.1	33.1

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#8

2-Chlorophenol

Concen: 48.81 ng

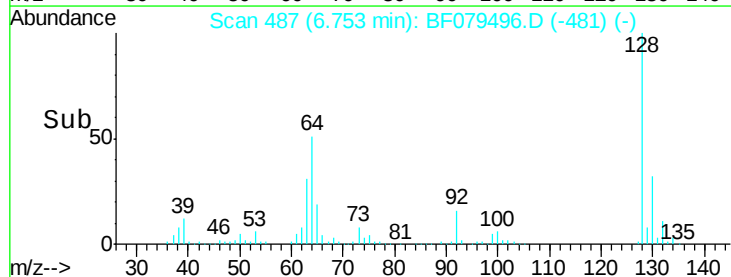
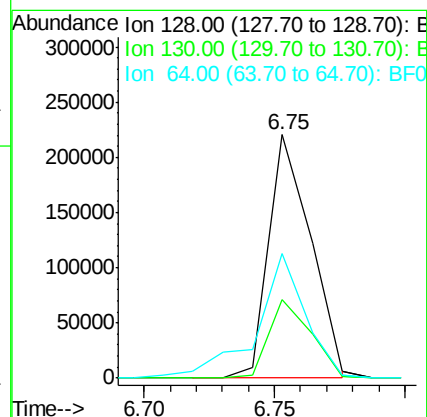
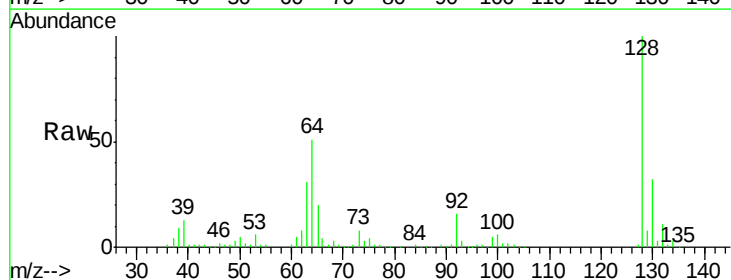
RT: 6.75 min Scan# 487

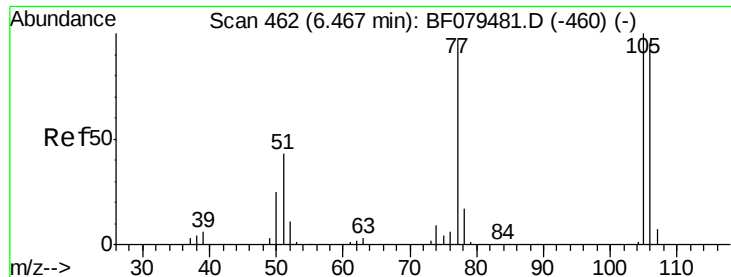
Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Tgt Ion:	128	Resp:	245322
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.4	51.4
64	51.1	25.9	65.9





#9

Benzaldehyde

Concen: 11.55 ng/mL

RT: 6.47 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

ClientSampleID :

SB-31SMSD

Tot Ion: 77 Resp: 42987

Ion Ratio Lower Upper

77 100

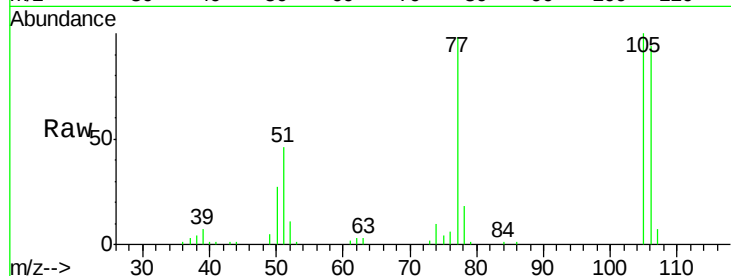
105 101.7 83.3 123.3

106 95.2 78.4 118.4

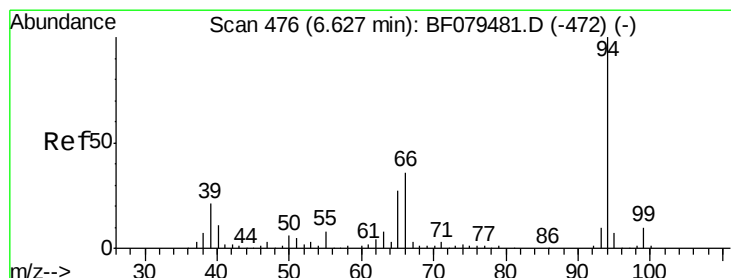
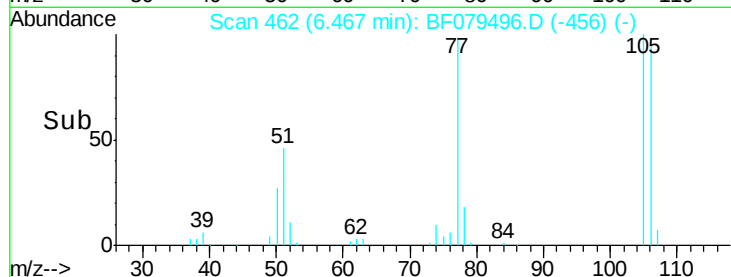
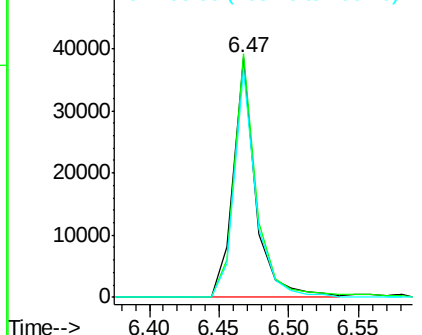
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.57 ng/mL

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

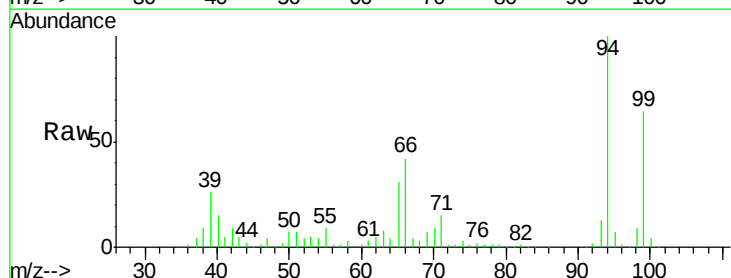
Tgt Ion: 94 Resp: 308260

Ion Ratio Lower Upper

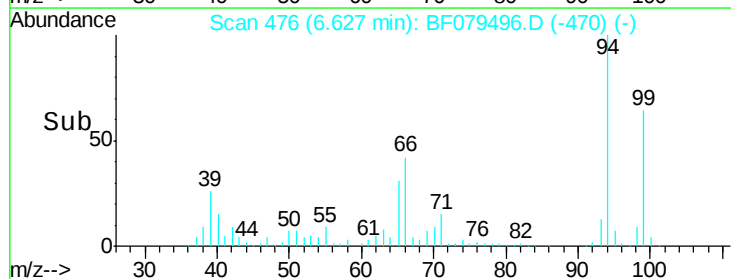
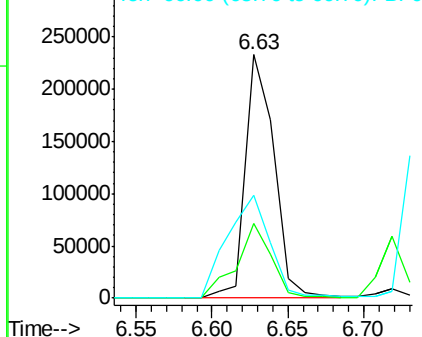
94 100

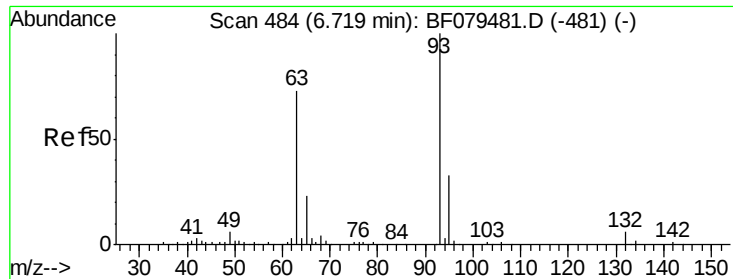
65 30.9 7.2 47.2

66 42.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





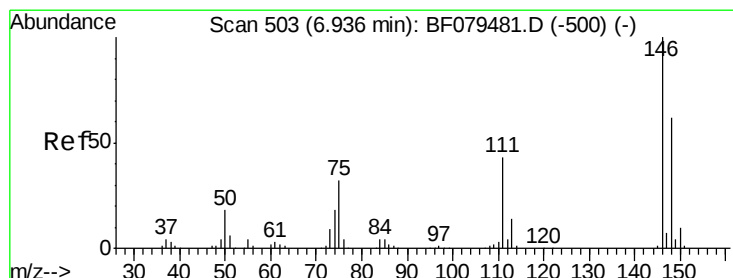
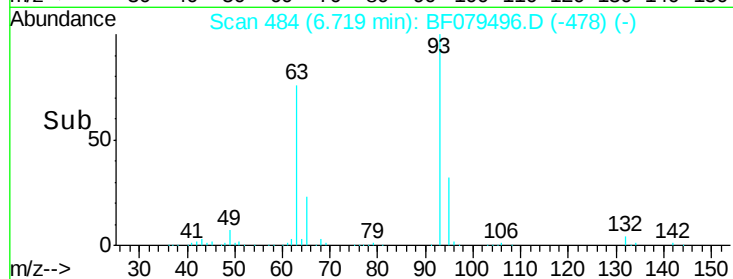
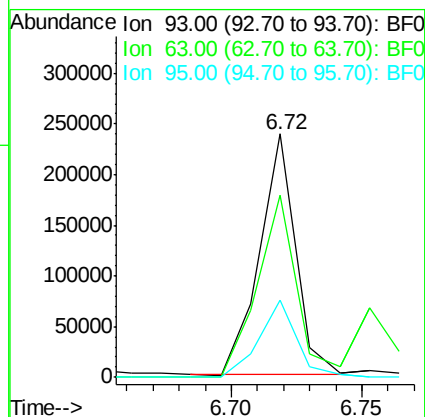
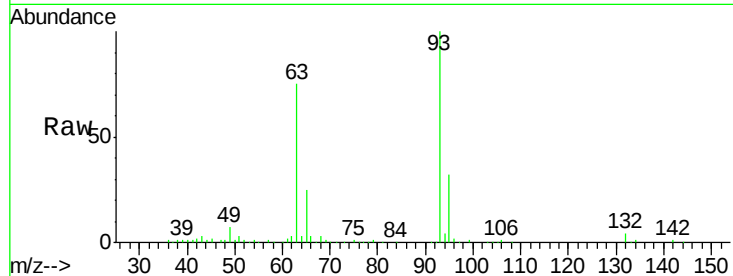
#11
bis(2-Chloroethyl)ether
Concen: 48.72 ng
RT: 6.72 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	228384		
63	74.8	51.8	91.8	
95	31.9	13.0	53.0	

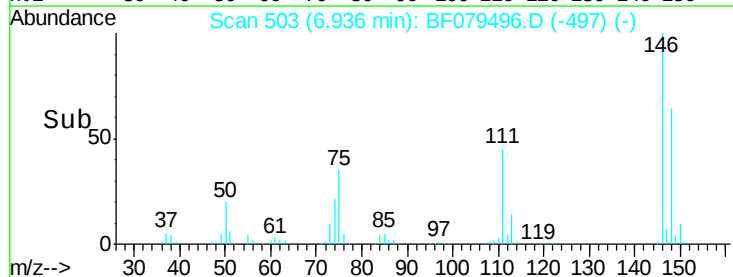
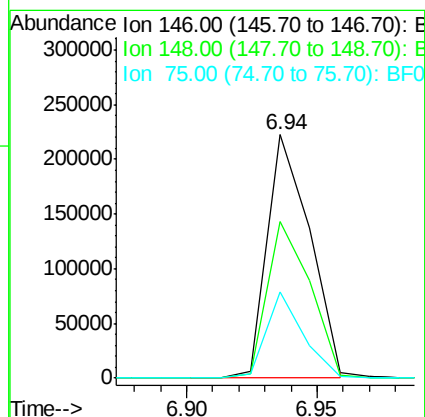
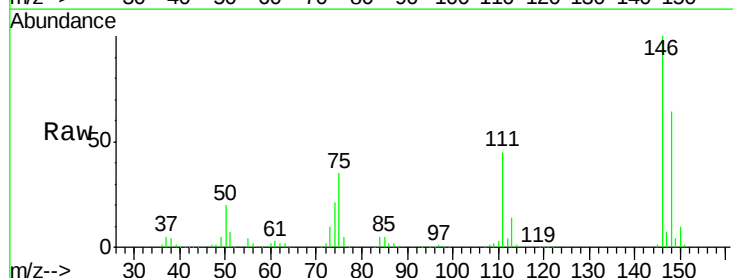
Manual Integrations
APPROVED

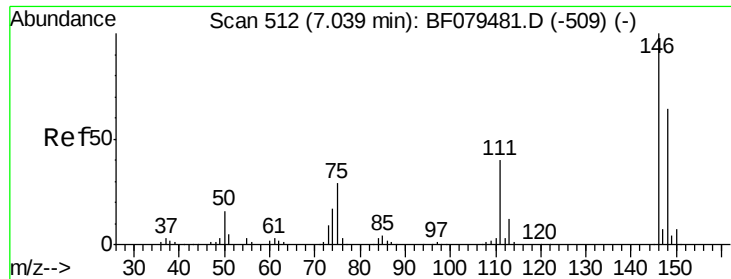
apatel
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#12
1,3-Dichlorobenzene
Concen: 45.67 ng
RT: 6.94 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	254328		
148	64.1	49.6	74.4	
75	35.2	25.9	38.9	





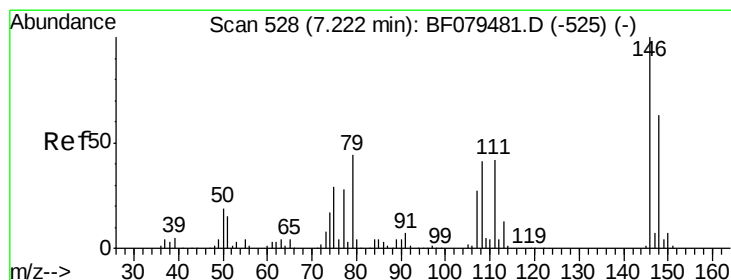
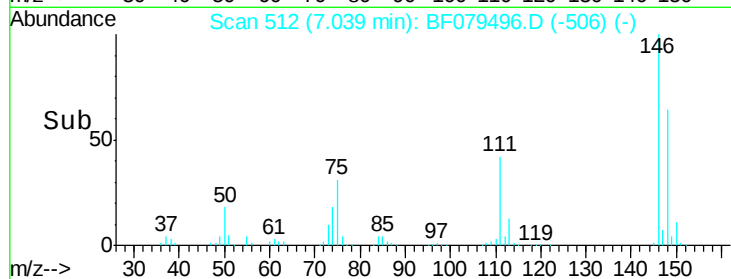
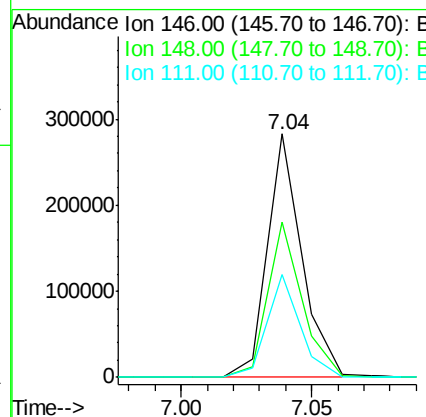
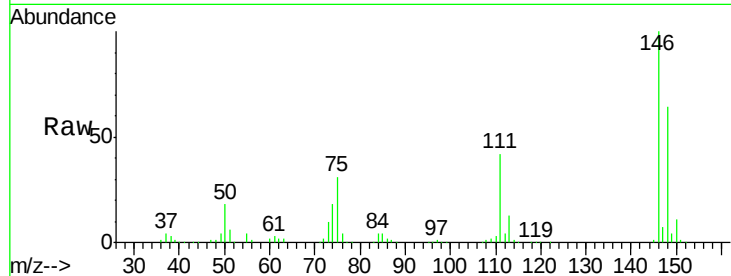
#13
 1,4-Dichlorobenzene
 Concen: 46.04 ng
 RT: 7.04 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
111	42.3	31.8	47.8

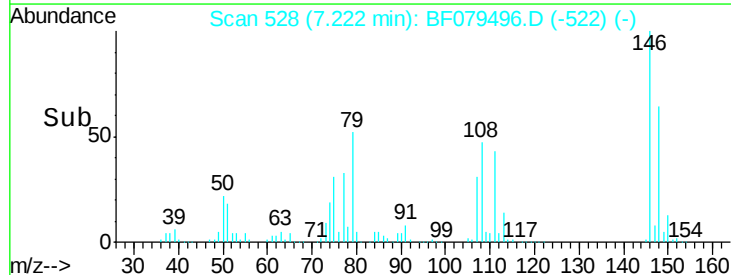
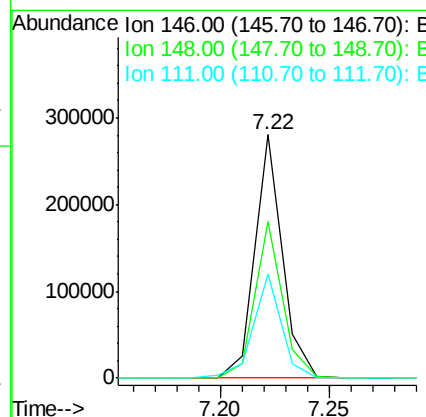
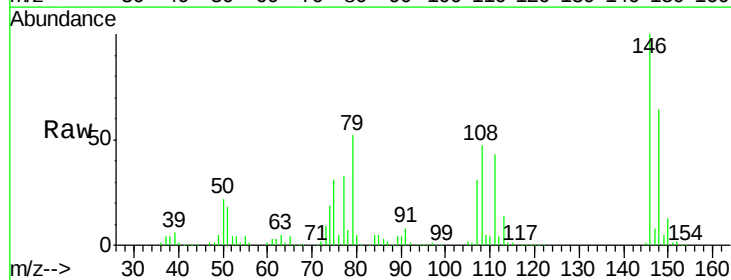
Manual Integrations
 APPROVED

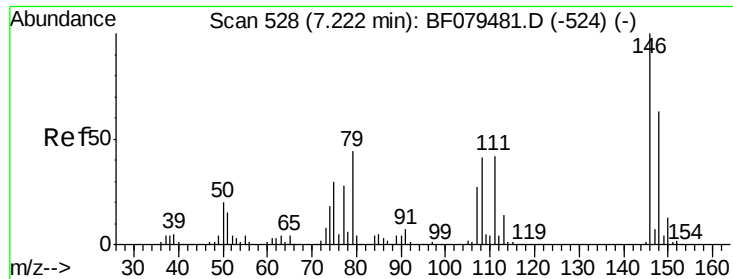
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 46.87 ng
 RT: 7.22 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	42.8	33.2	49.8





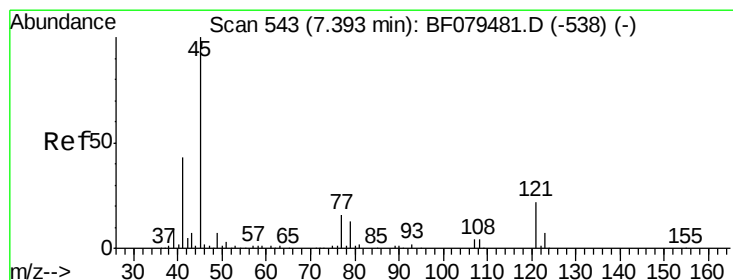
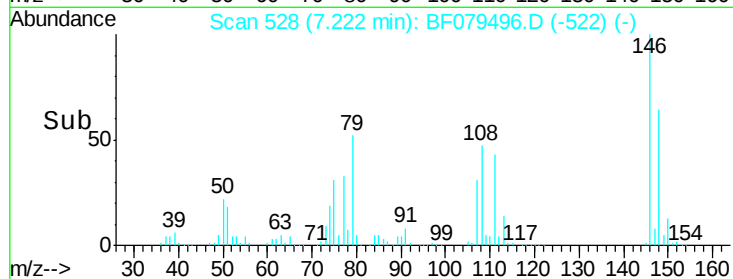
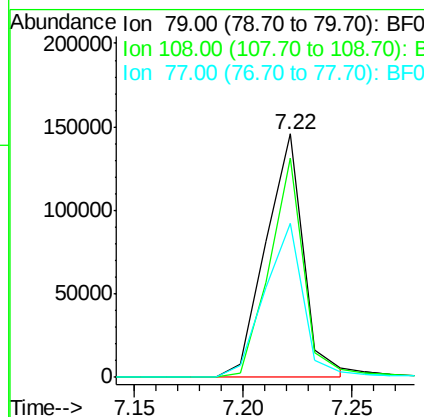
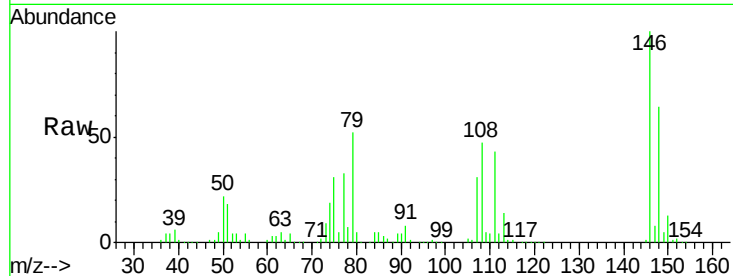
#15
Benzyl Alcohol
Concen: 43.57 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampled :
SB-31SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	90.0	73.7	110.5		
77	63.4	51.1	76.7		

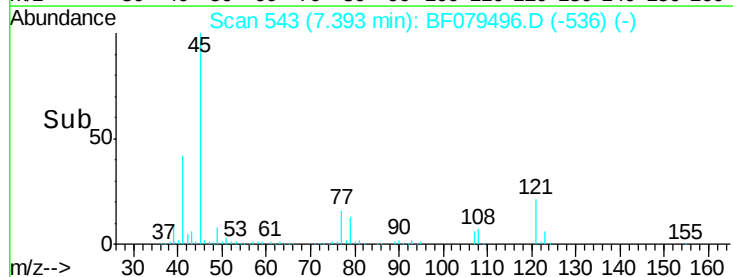
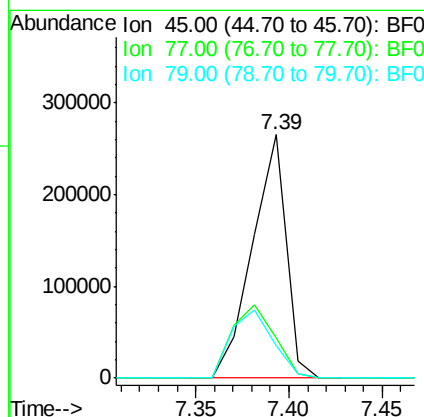
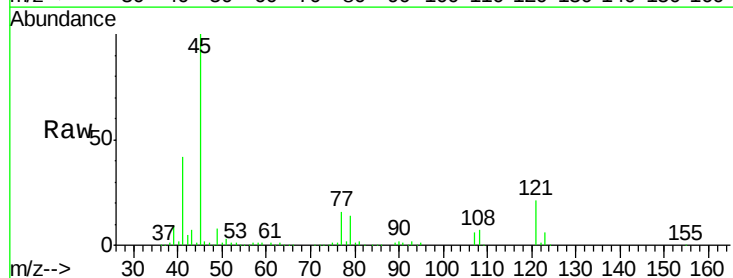
Manual Integrations
APPROVED

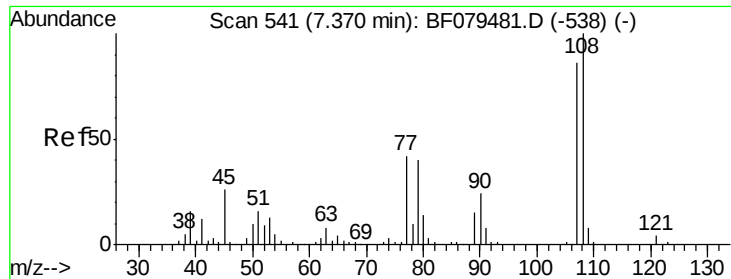
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#16
2,2'-oxybis(1-chloropropane)
Concen: 48.71 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	16.3	0.0	35.5		
79	13.5	0.0	32.8		





#17

2-Methylphenol

Concen: 48.63 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

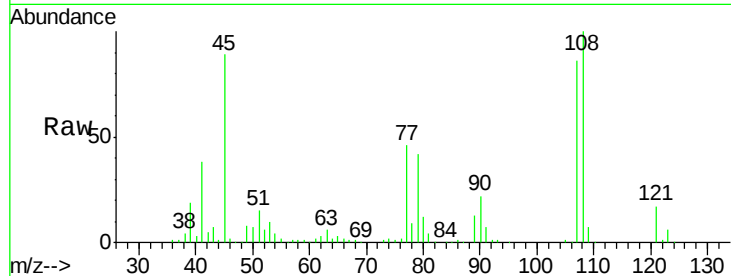
ClientSampled :

SB-31SMSD

Tot Ion:	107	Resp:	192049
Ion Ratio	Lower	Upper	
107	100		
108	116.7	93.1	139.7
77	53.4	39.2	58.8
79	49.4	37.8	56.8

Manual Integrations
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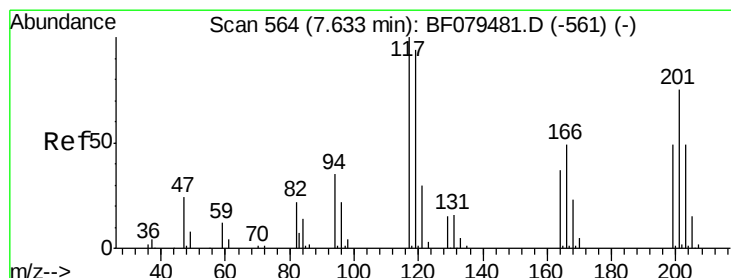
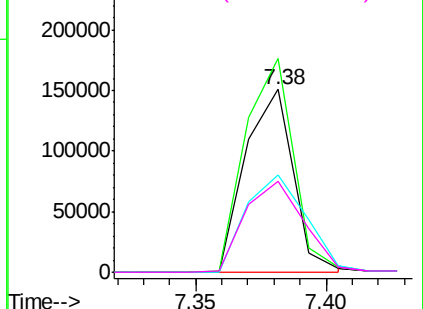
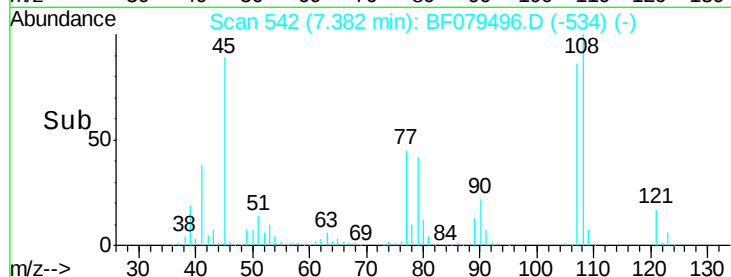


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.35 ng

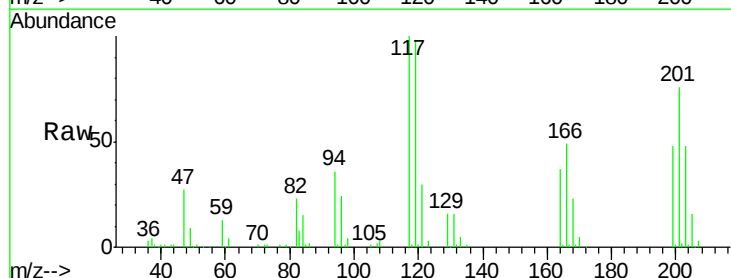
RT: 7.63 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

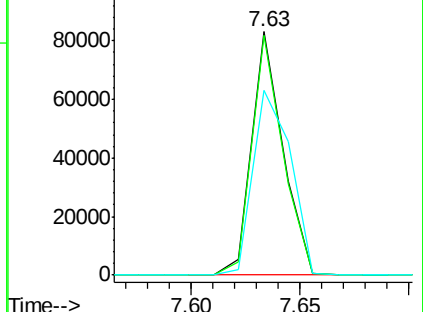
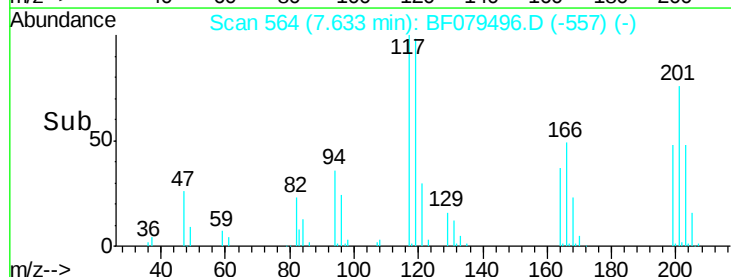
Tgt Ion:	117	Resp:	82811
Ion Ratio	Lower	Upper	
117	100		
119	98.3	74.9	112.3
201	75.7	60.2	90.4

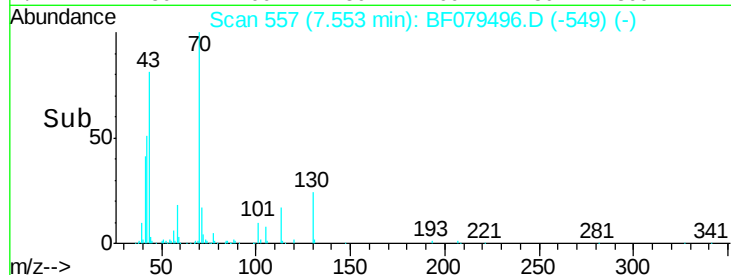
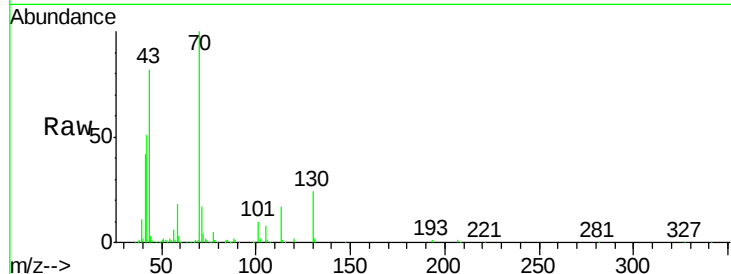
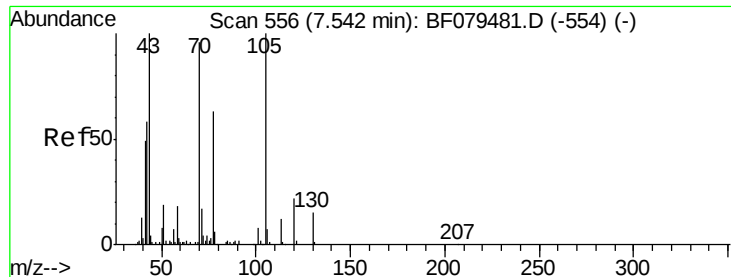


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





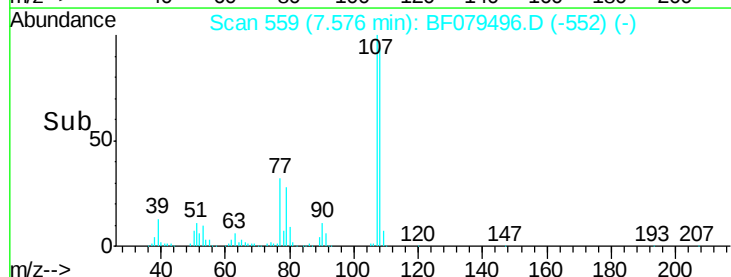
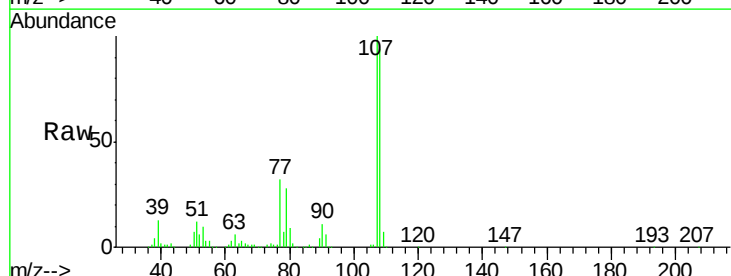
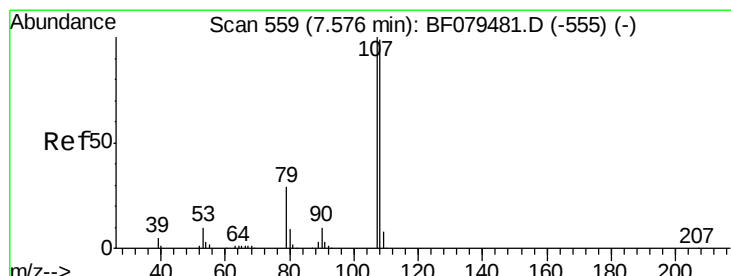
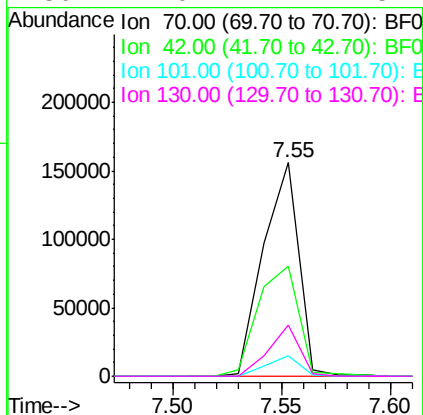
#19
n-Nitroso-di-n-propylamine
Concen: 46.04 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.3	48.8	73.2
101	9.9	6.6	9.8#
130	24.0	12.2	18.4#

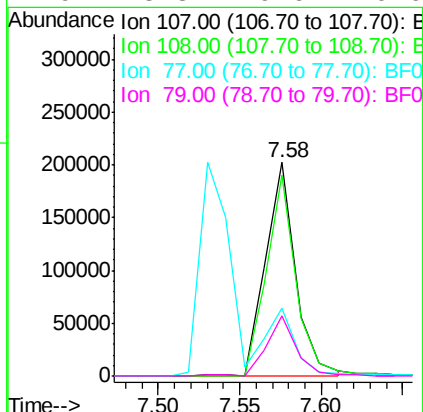
Manual Integrations
APPROVED

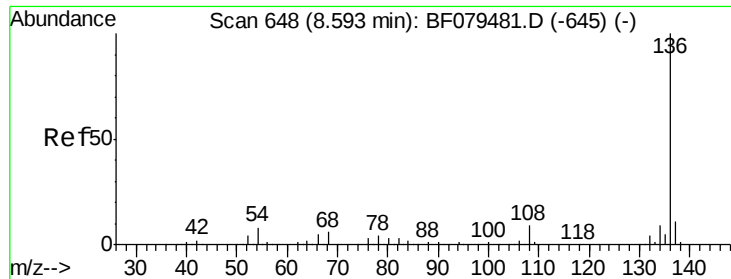
apatel
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#20
3+4-Methylphenols
Concen: 47.78 ng
RT: 7.58 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.1	77.7	117.7
77	31.8	11.4	51.4
79	28.3	9.6	49.6





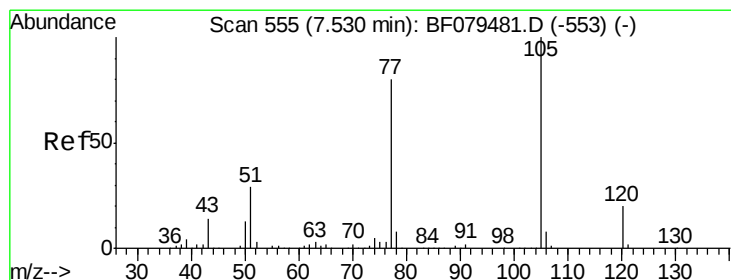
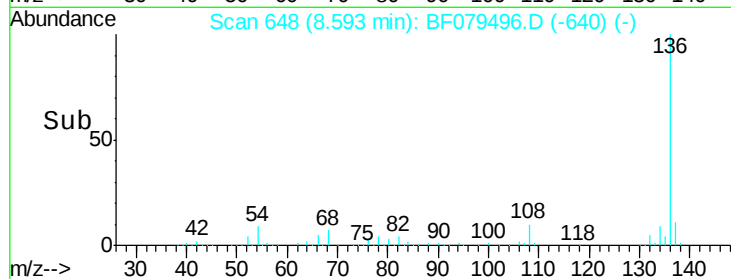
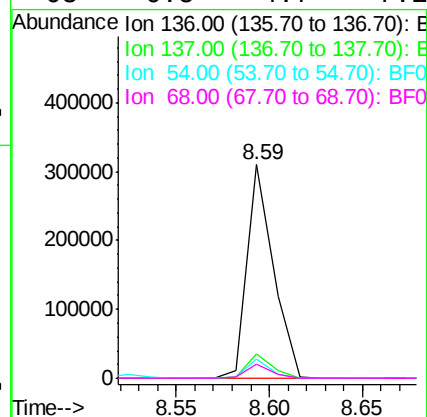
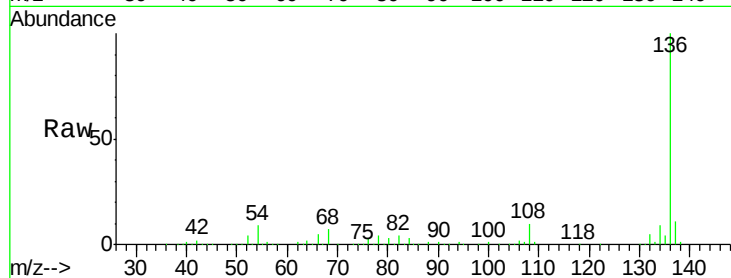
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	8.5	12.7
54	8.7	6.6	9.8
68	6.5	4.7	7.1

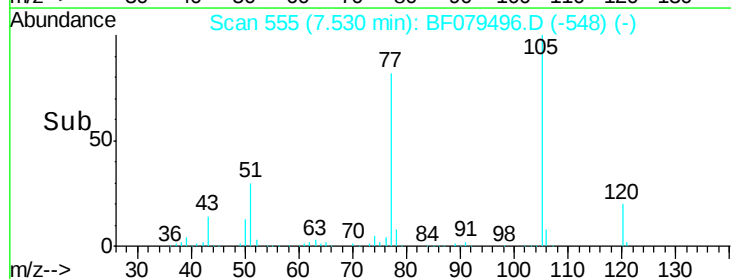
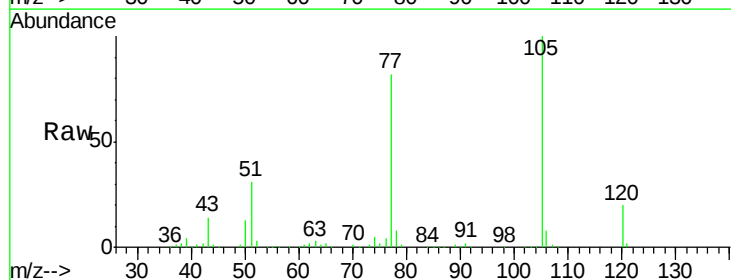
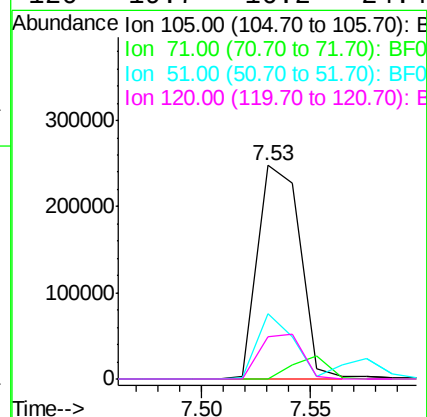
Manual Integrations
APPROVED

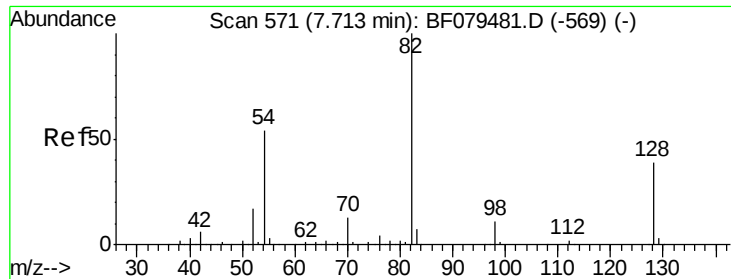
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#22
Acetophenone
Concen: 49.67 ng
RT: 7.53 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.2	0.2	0.4#
51	30.5	23.7	35.5
120	19.7	16.2	24.4





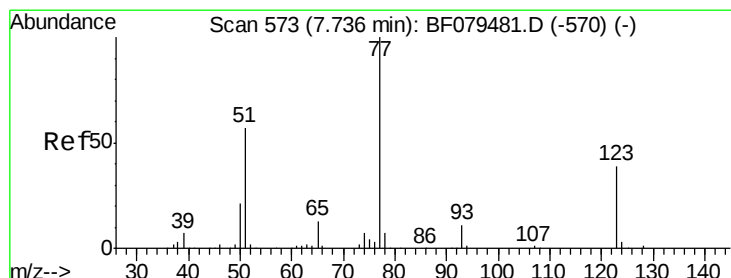
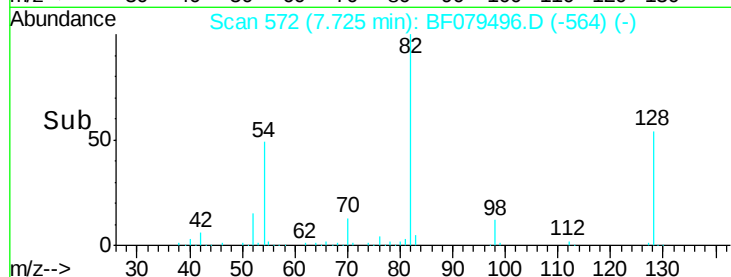
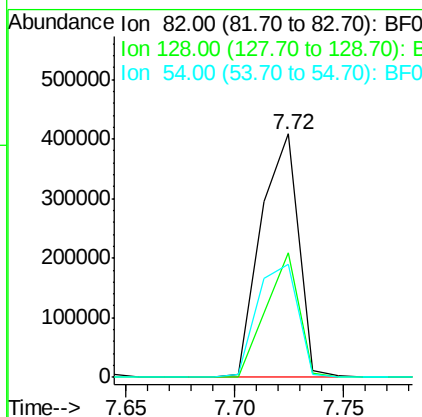
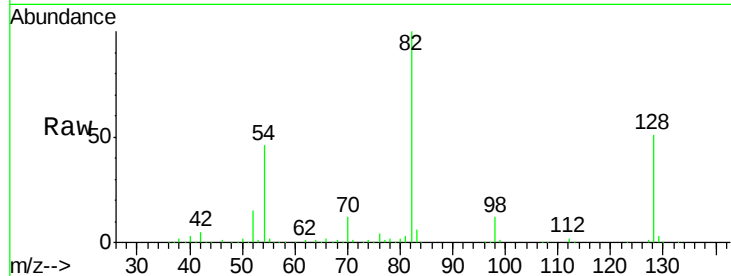
#23
Nitrobenzene-d5
Concen: 94.08 ng
RT: 7.72 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	495883		
128	51.1	30.8	46.2#	
54	46.5	42.8	64.2	

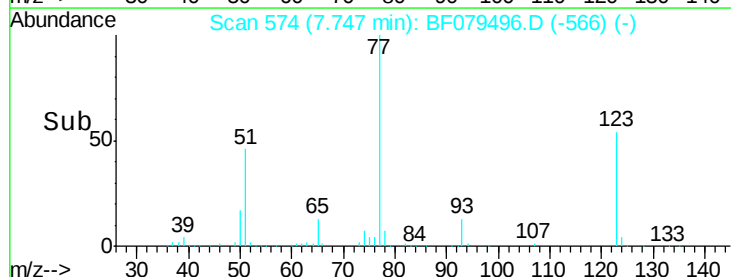
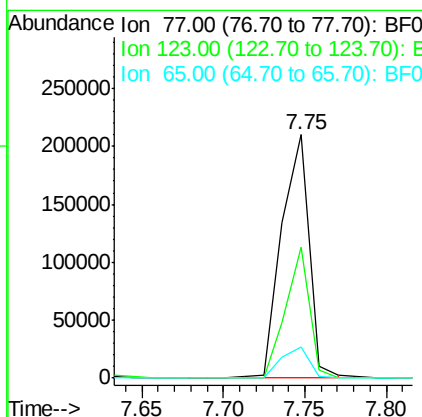
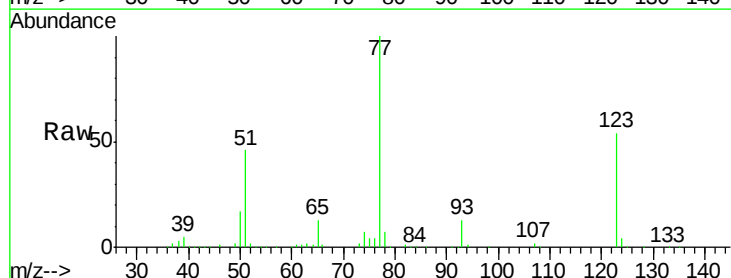
Manual Integrations
APPROVED

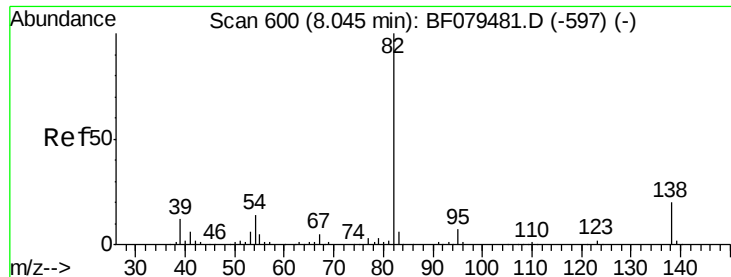
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#24
Nitrobenzene
Concen: 47.25 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	245479		
123	53.8	31.0	46.4#	
65	12.6	10.6	15.8	





#25

Isophorone

Concen: 48.35 ng

RT: 8.04 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

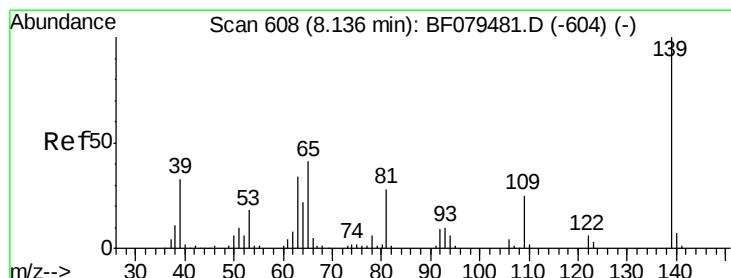
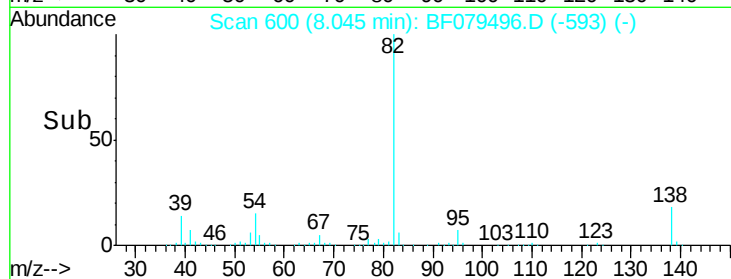
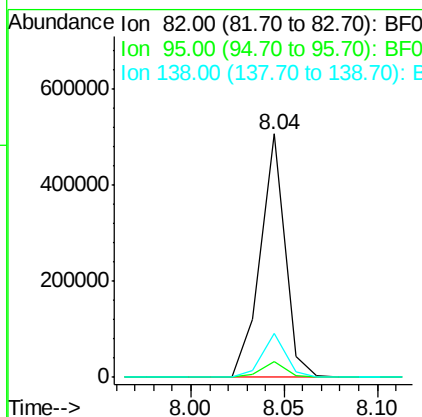
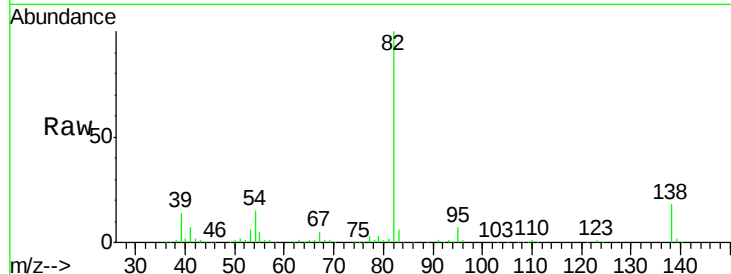
ClientSampleId :

SB-31SMSD

Tot Ion:	82	Resp:	464528
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.5	8.3
138	18.2	16.1	24.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.89 ng

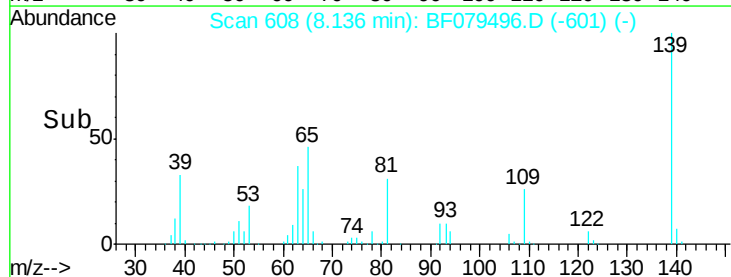
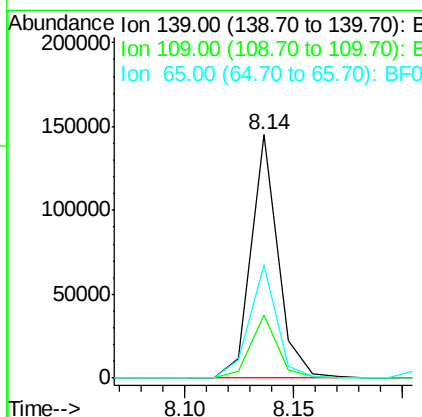
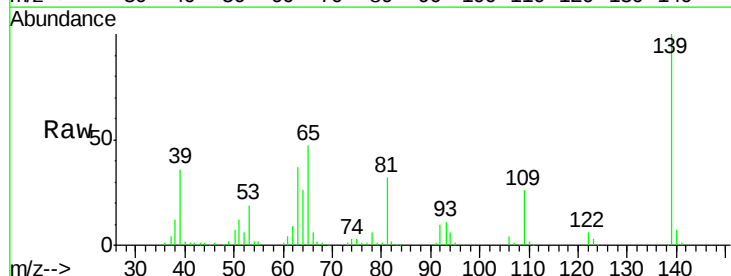
RT: 8.14 min Scan# 608

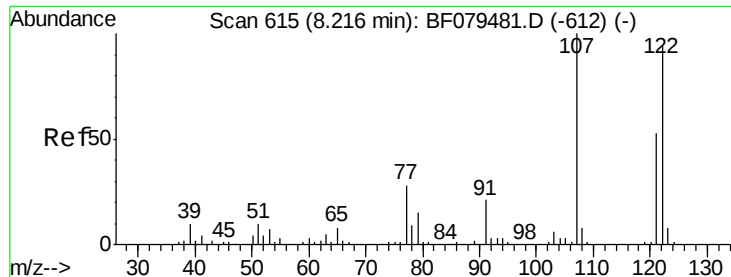
Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Tgt Ion:	139	Resp:	125165
Ion Ratio		Lower	Upper
139	100		
109	25.8	20.2	30.2
65	46.5	32.5	48.7





#27

2,4-Dimethylphenol

Concen: 50.14 ng

RT: 8.22 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

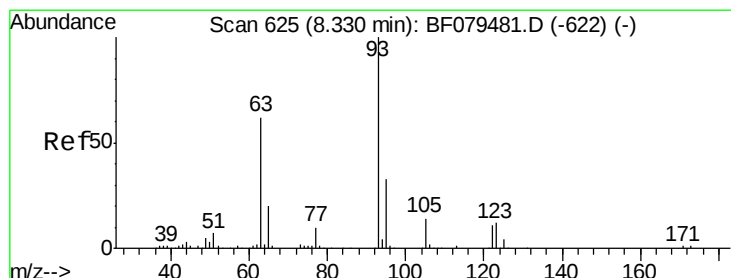
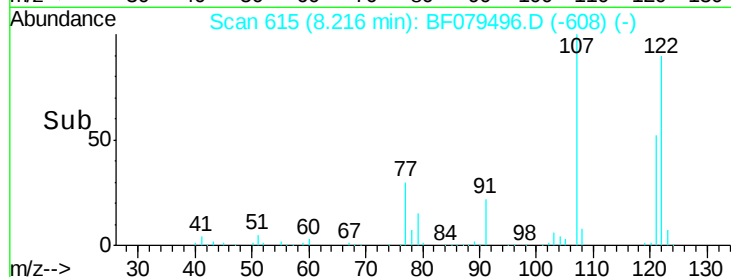
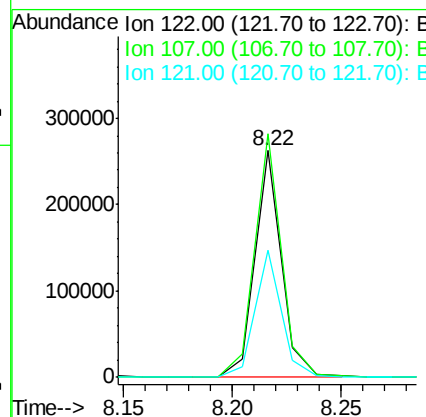
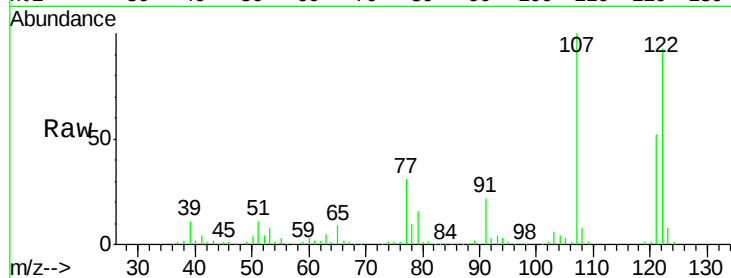
ClientSampleId :

SB-31SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		221679		
107	107.3	85.2	127.8		
121	55.8	45.2	67.8		

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#28

bis(2-Chloroethoxy)methane

Concen: 50.01 ng

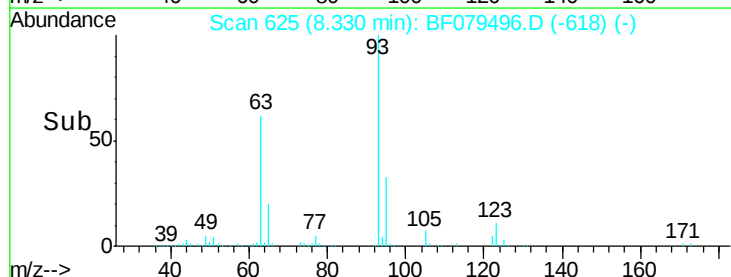
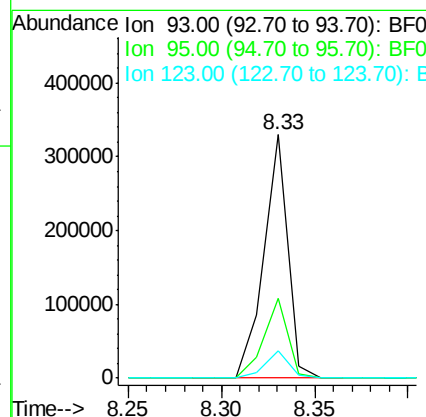
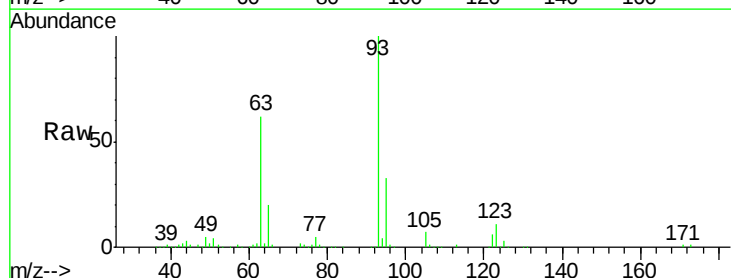
RT: 8.33 min Scan# 625

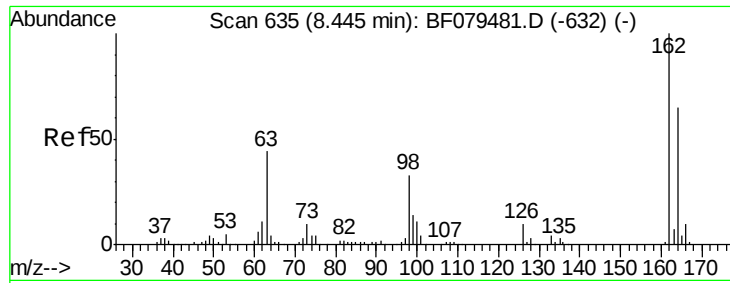
Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		297795		
95	32.7	26.6	39.8		
123	11.2	9.4	14.0		





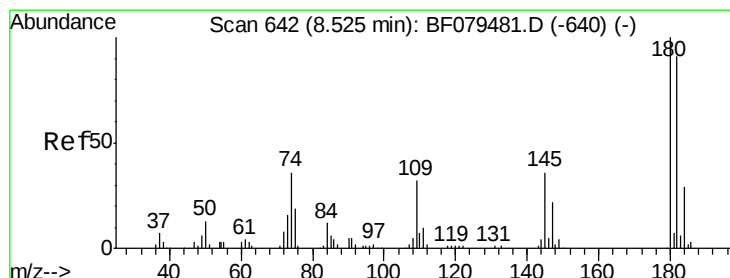
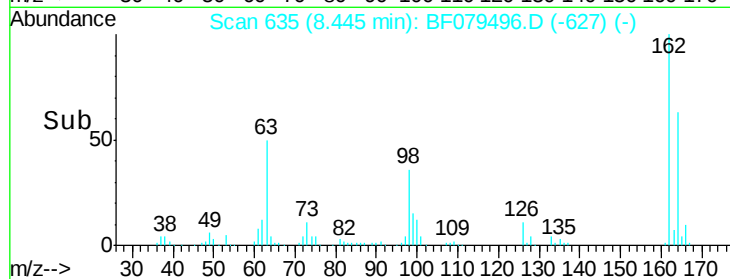
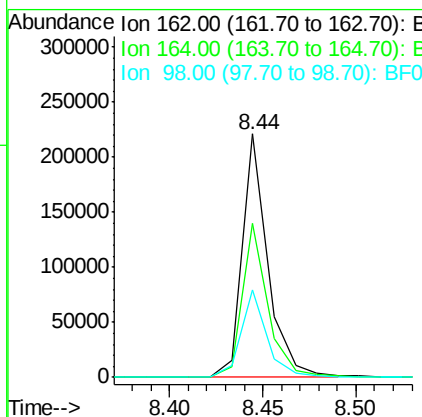
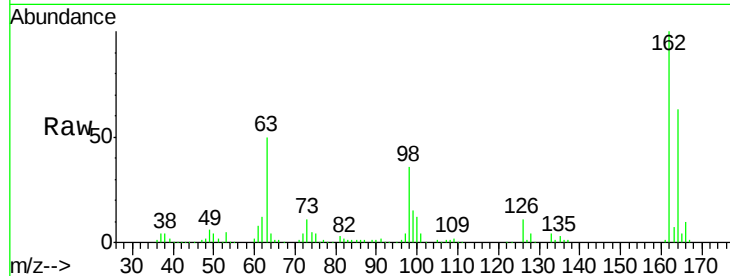
#29
 2,4-Dichlorophenol
 Concen: 52.22 ng
 RT: 8.44 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	45.0	85.0
98	35.9	13.2	53.2

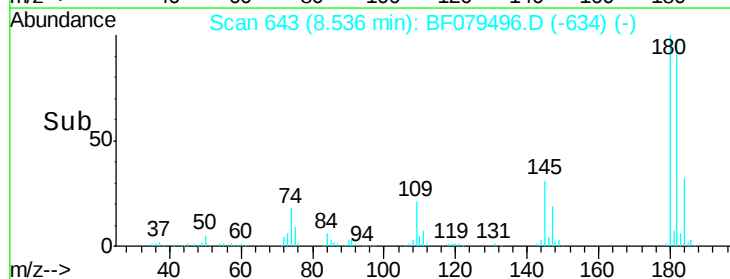
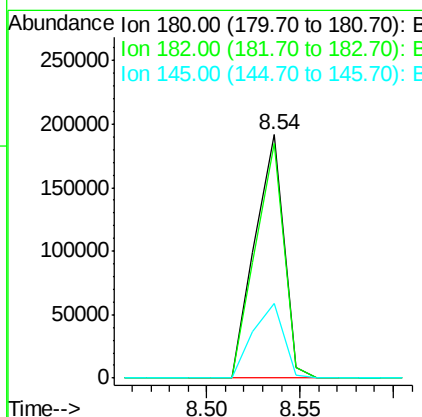
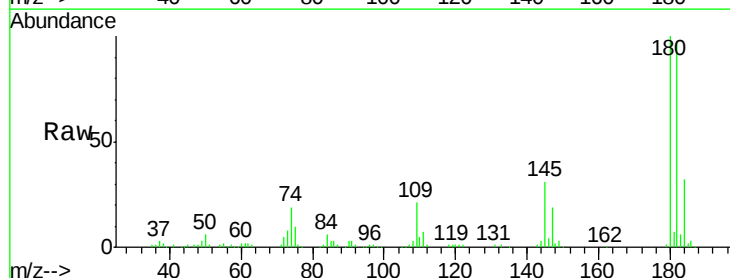
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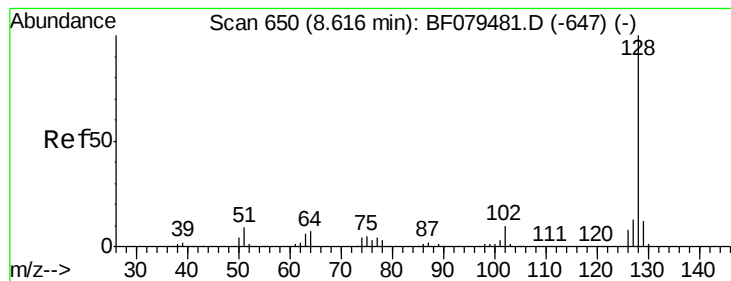
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.24 ng
 RT: 8.54 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	73.2	109.8
145	30.9	28.9	43.3





#31

Naphthalene

Concen: 48.68 ng

RT: 8.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

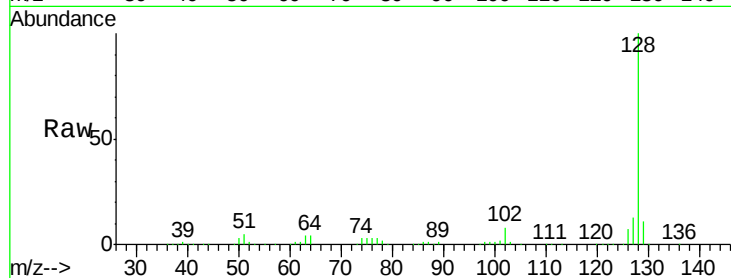
ClientSampleId :

SB-31SMSD

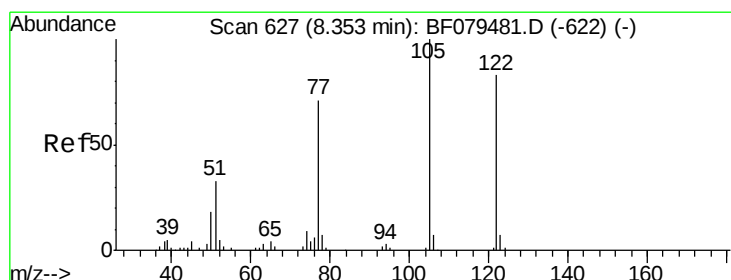
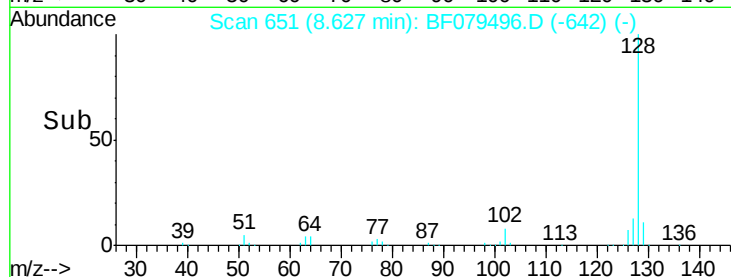
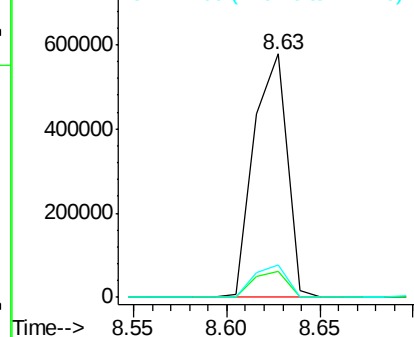
Tot Ion:	128	Resp:	711837
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.3	13.9
127	13.1	10.6	15.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.16 ng

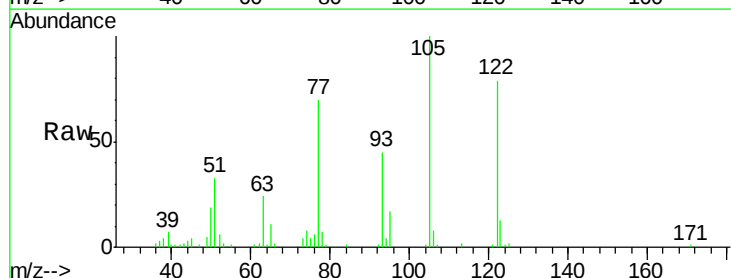
RT: 8.34 min Scan# 626

Delta R.T. -0.01 min

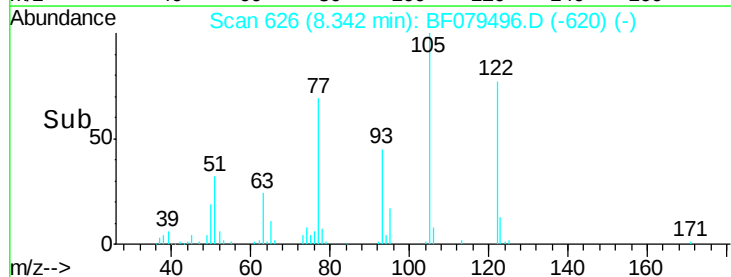
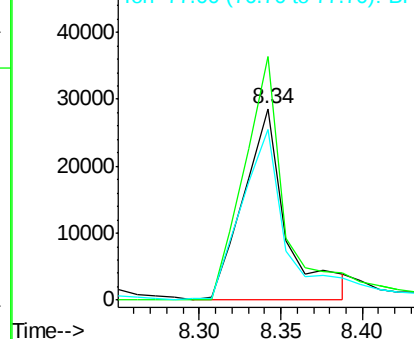
Lab File: BF079496.D

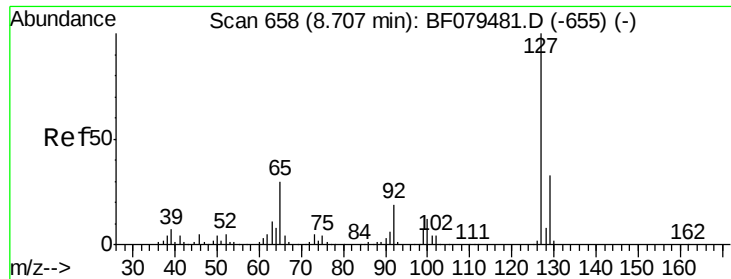
Acq: 27 May 2015 1:55

Tgt Ion:	122	Resp:	52563
Ion Ratio	Lower	Upper	
122	100		
105	127.0	100.2	140.2
77	89.2	64.8	104.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





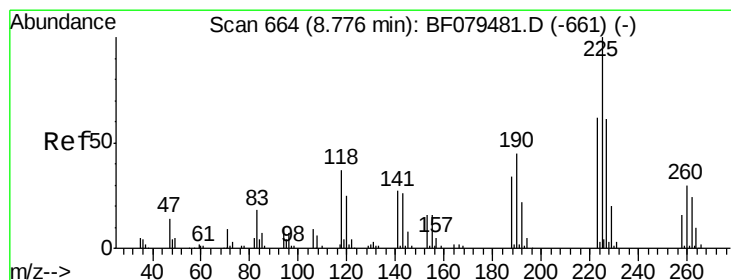
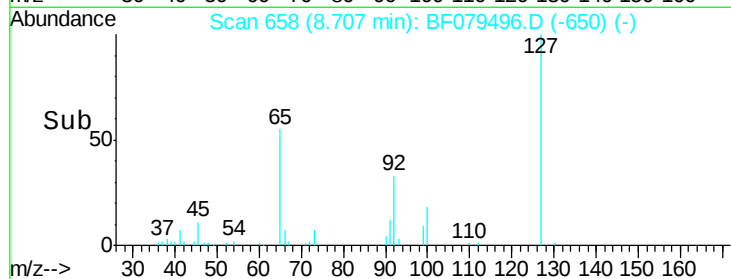
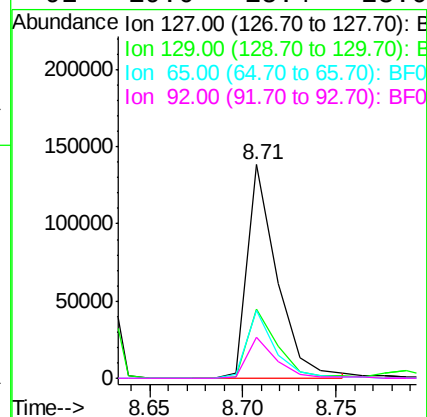
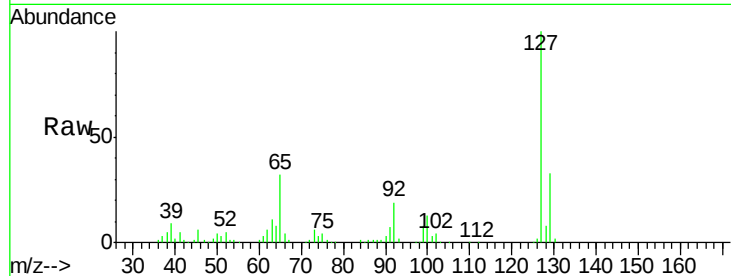
#33
 4-Chloroaniline
 Concen: 25.28 ng
 RT: 8.71 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		154467		
129	32.7	26.2	39.2		
65	31.6	24.2	36.4		
92	19.0	15.4	23.0		

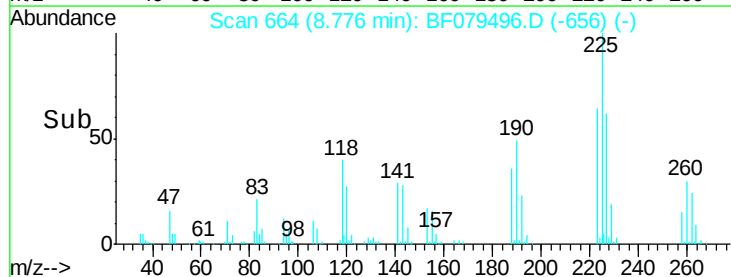
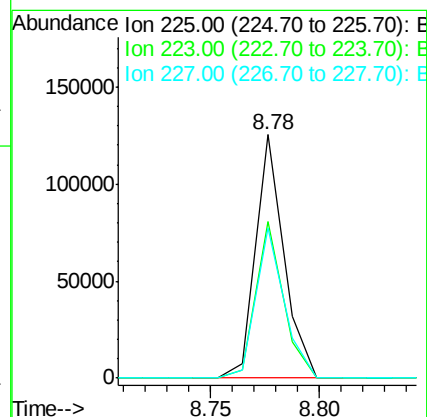
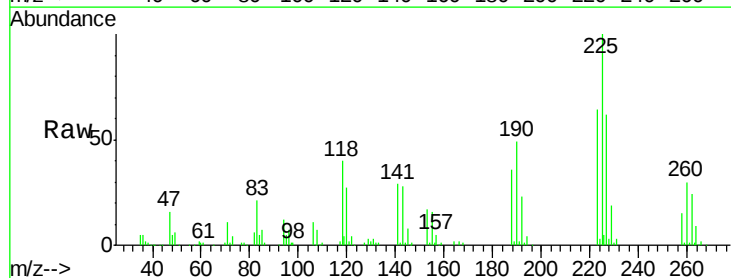
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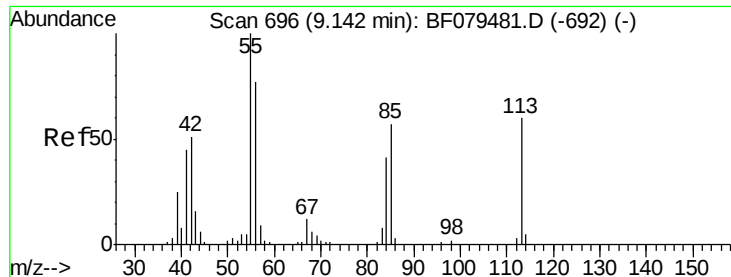
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#34
 Hexachlorobutadiene
 Concen: 47.33 ng
 RT: 8.78 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		113098		
223	64.3	49.9	74.9		
227	61.8	48.9	73.3		





#35

Caprolactam

Concen: 51.34 ng/mL

RT: 9.14 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

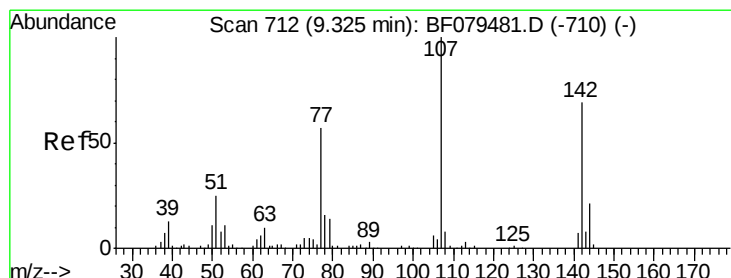
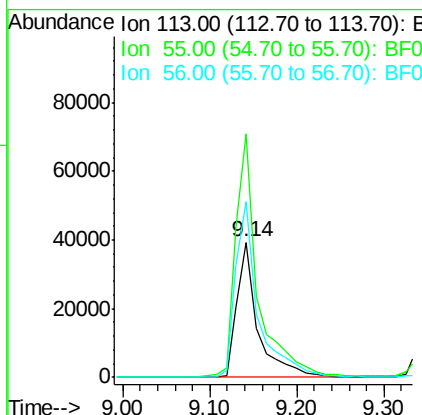
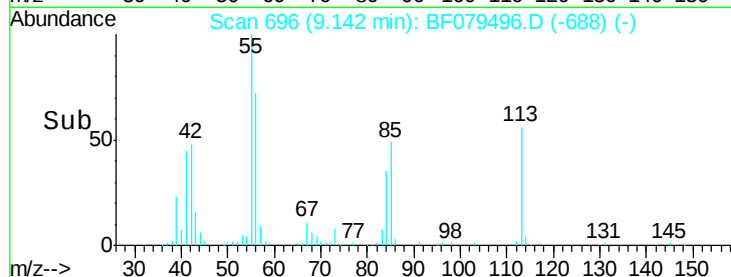
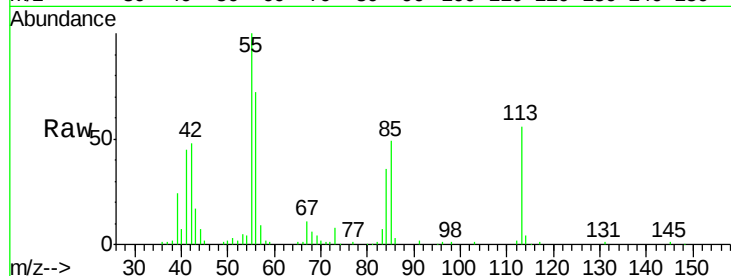
ClientSampleID :

SB-31SMSD

Tot Ion:	113	Resp:	65577
Ion Ratio	Lower	Upper	
113	100		
55	180.0	147.2	187.2
56	130.2	108.6	148.6

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#36

4-Chloro-3-methylphenol

Concen: 50.95 ng/mL

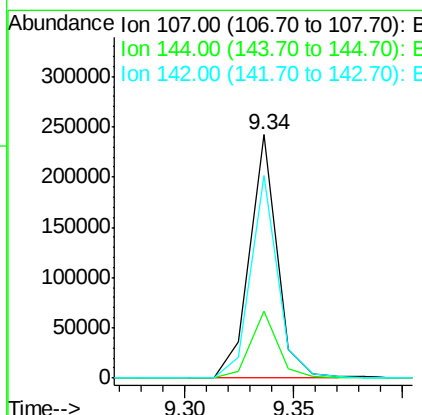
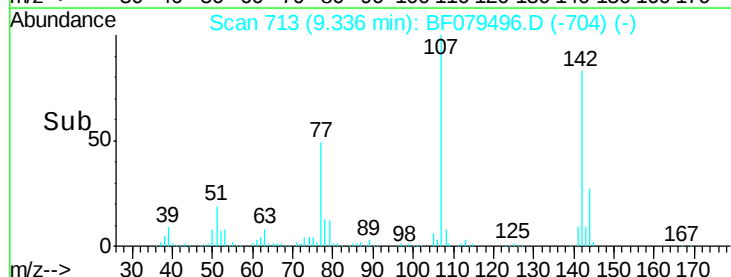
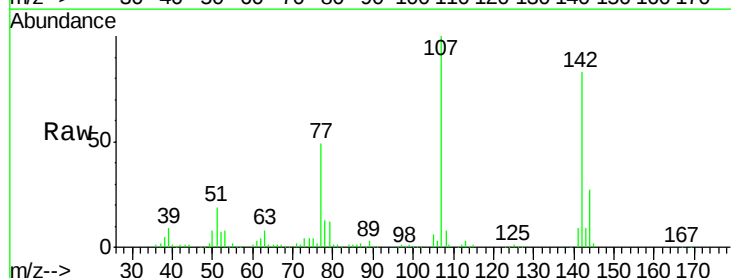
RT: 9.34 min Scan# 713

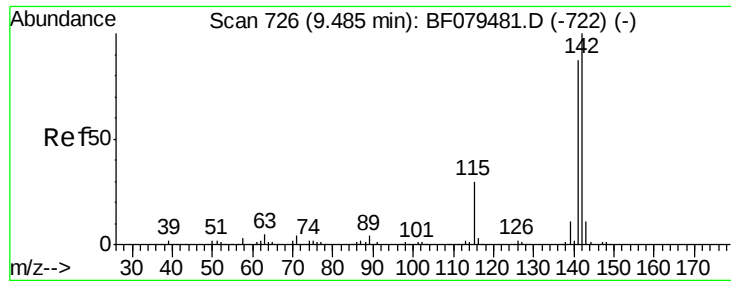
Delta R.T. 0.01 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Tgt Ion:	107	Resp:	214015
Ion Ratio	Lower	Upper	
107	100		
144	27.5	16.9	25.3#
142	83.1	55.2	82.8#





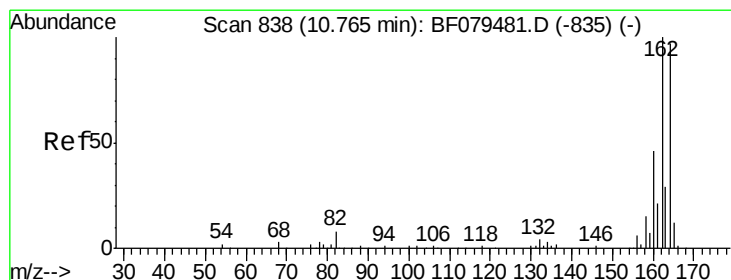
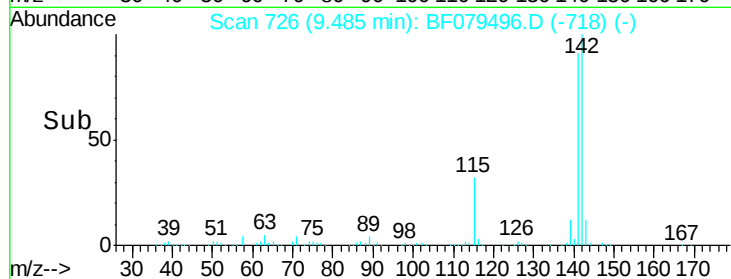
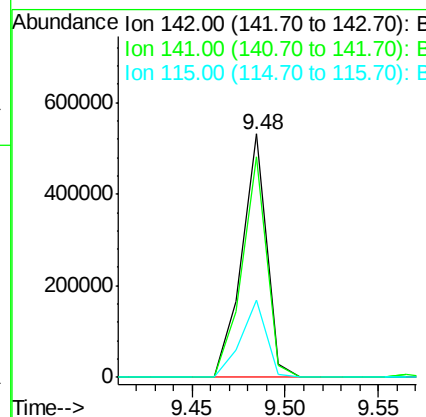
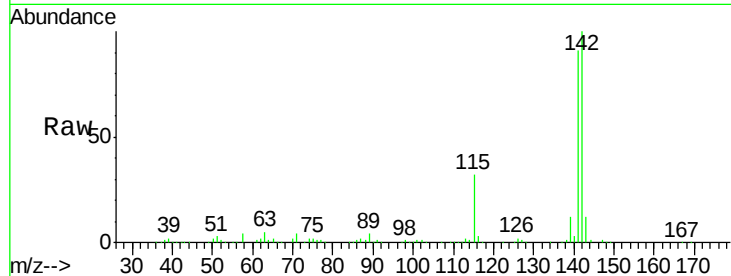
#37
 2-Methylnaphthalene
 Concen: 49.53 ng
 RT: 9.48 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	69.5	104.3
115	31.5	23.8	35.6

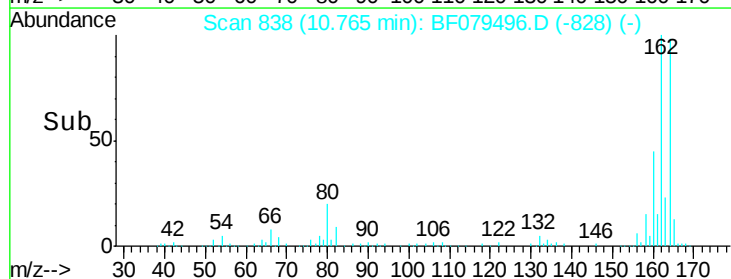
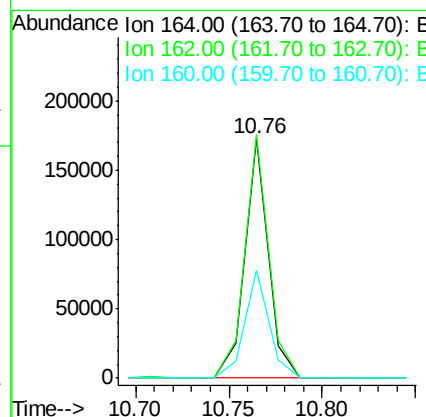
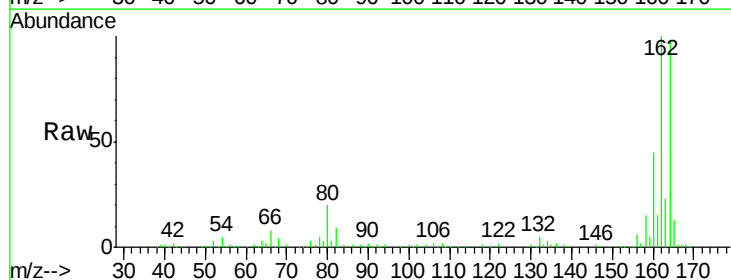
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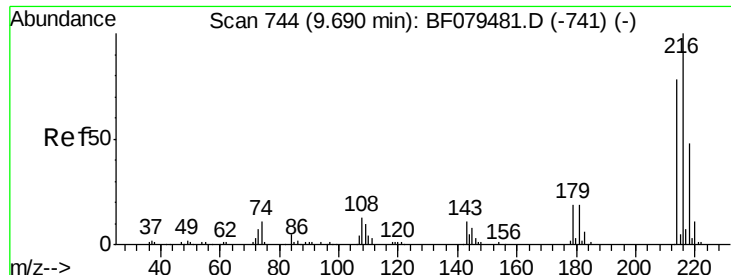
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	124.0
160	45.3	37.7	56.5





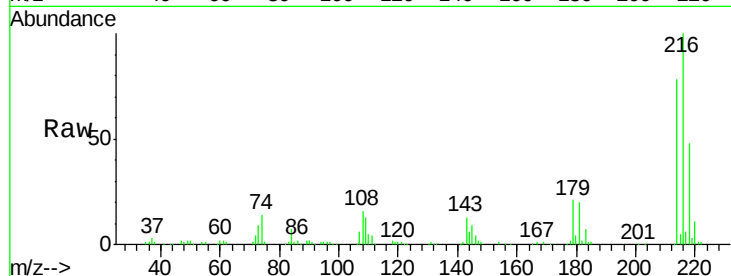
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.51 ng
 RT: 9.69 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

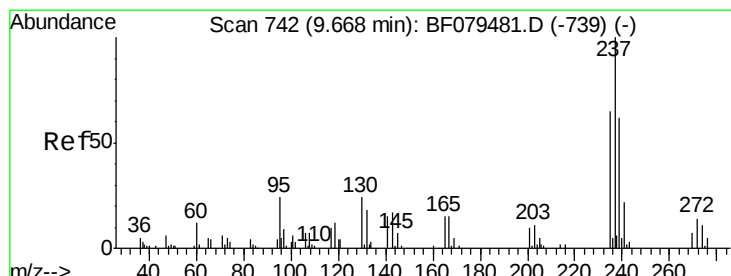
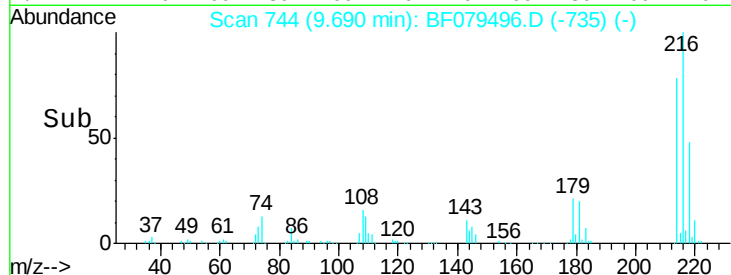
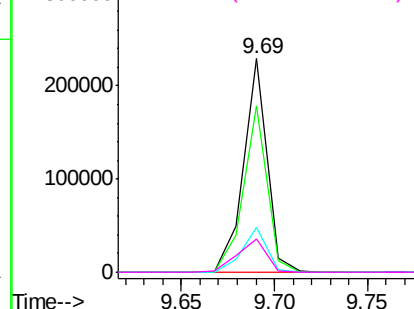
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.2	0.0	0.0#
179	21.8	0.0	0.0#
108	19.2	0.0	0.0#

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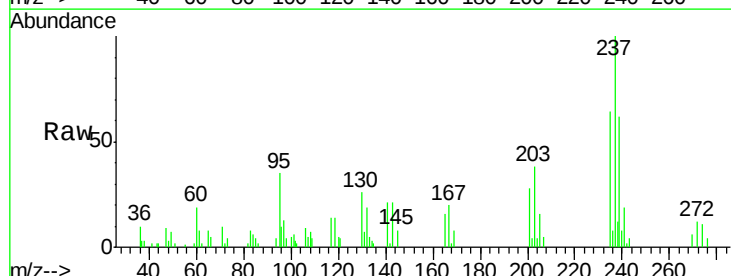


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

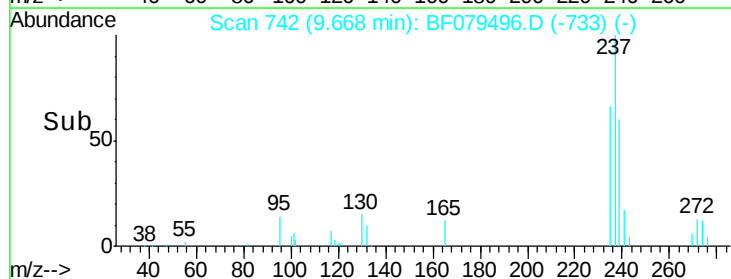
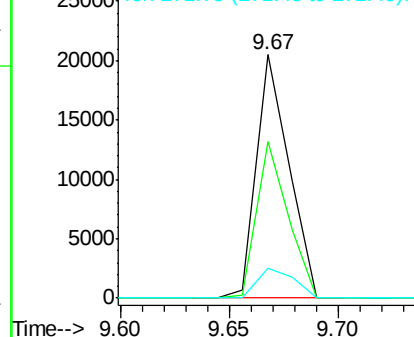


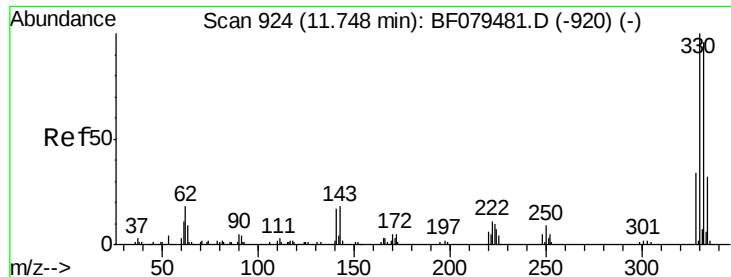
#40
 Hexachlorocyclopentadiene
 Concen: 27.94 ng
 RT: 9.67 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	45.0	85.0
272	12.5	0.0	33.9



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





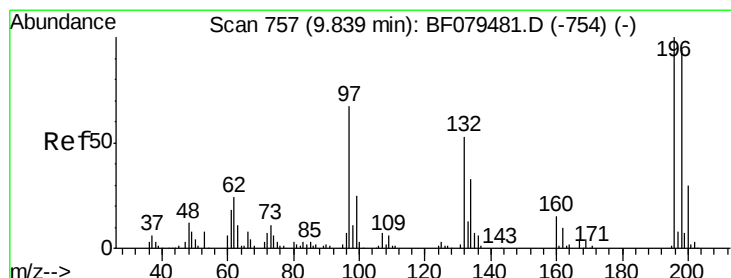
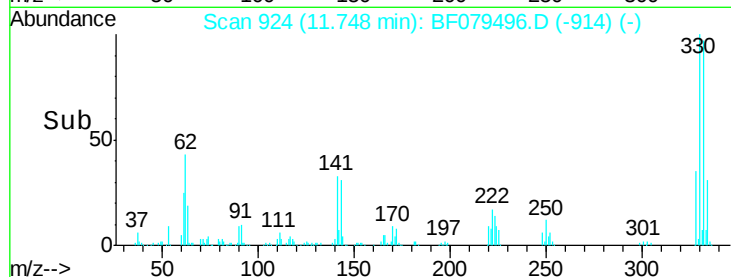
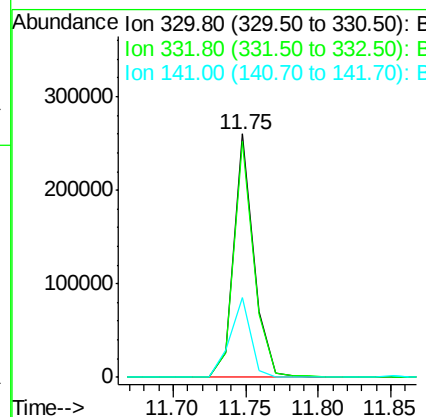
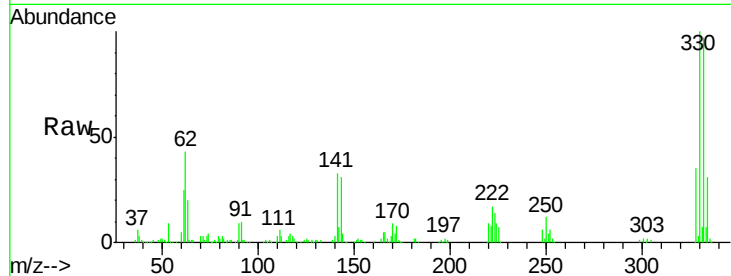
#41
 2,4,6-Tribromophenol
 Concen: 149.88 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	34.0	0.0	0.0#

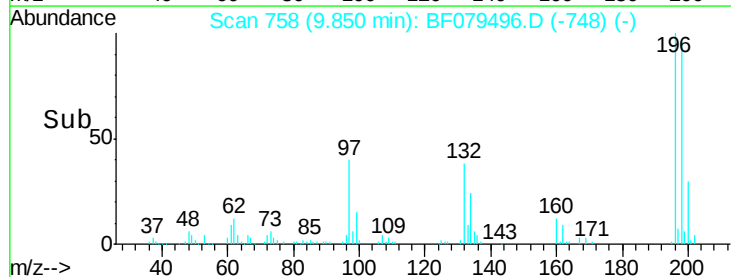
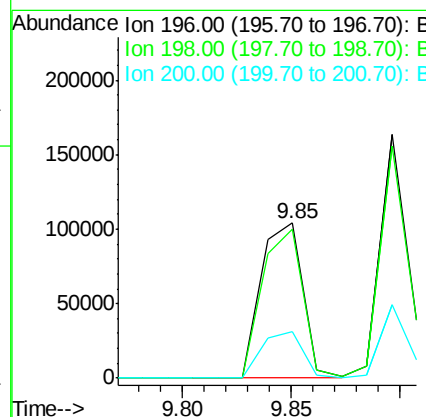
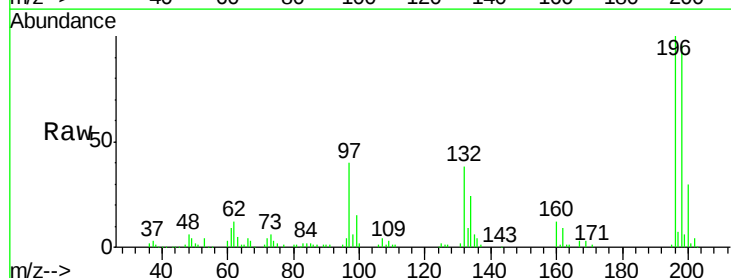
Manual Integrations
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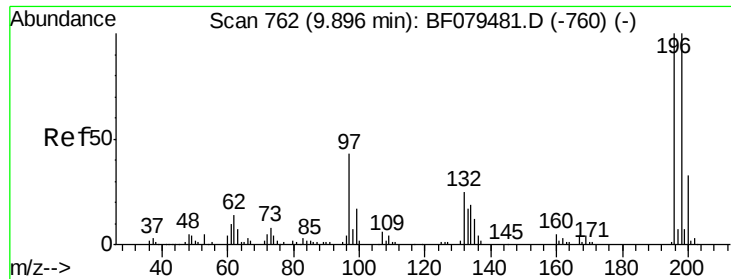
apatel
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#42
 2,4,6-Trichlorophenol
 Concen: 47.21 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.9	75.3	112.9
200	30.3	23.8	35.8





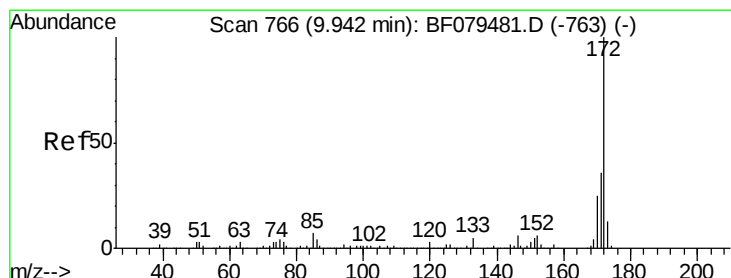
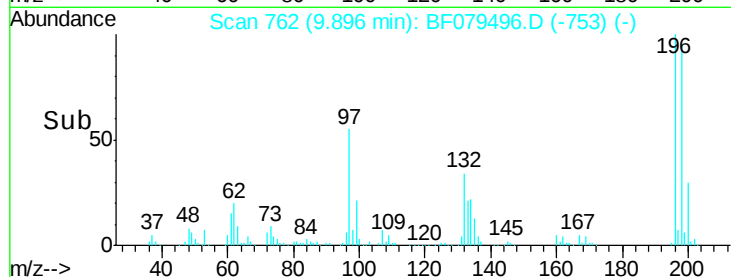
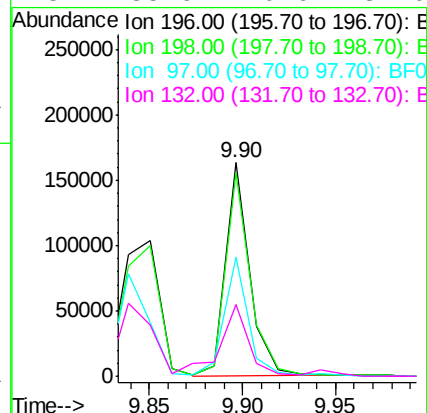
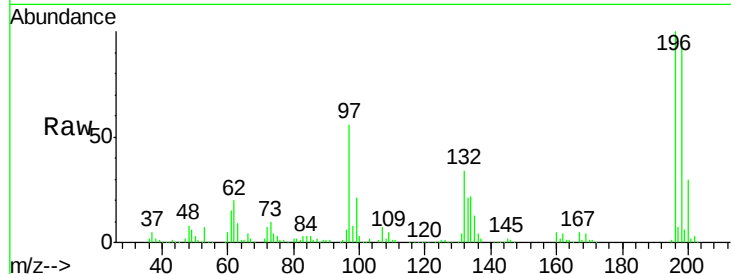
#43
 2,4,5-Trichlorophenol
 Concen: 49.96 ng
 RT: 9.90 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	148078		
198	95.1	80.3	120.5	
97	55.7	34.8	52.2	#
132	33.6	20.6	31.0	#

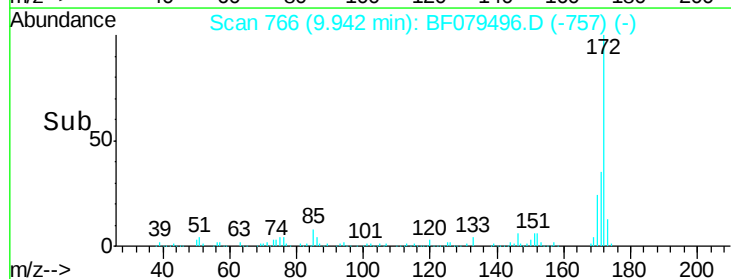
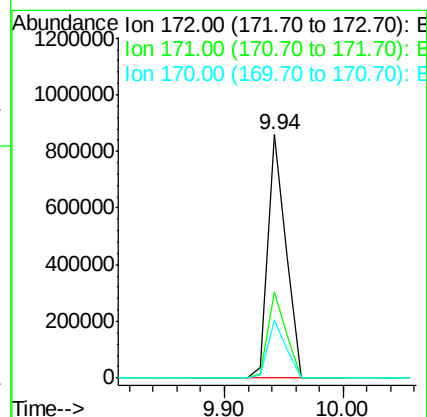
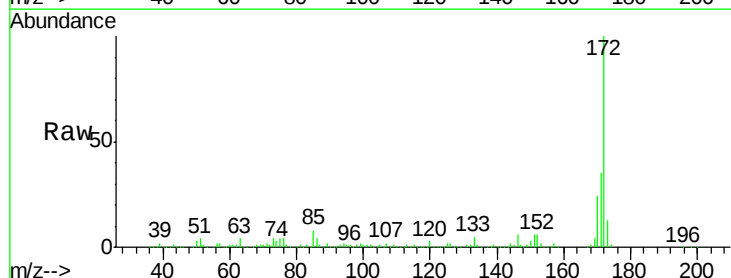
Manual Integrations
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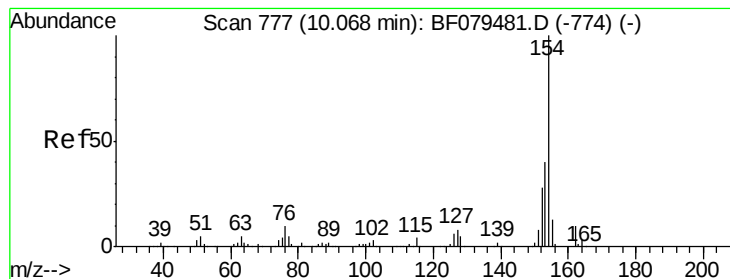
apatel
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#44
 2-Fluorobiphenyl
 Concen: 85.31 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	911715		
171	35.2	28.5	42.7	
170	23.8	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 49.19 ng

RT: 10.07 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

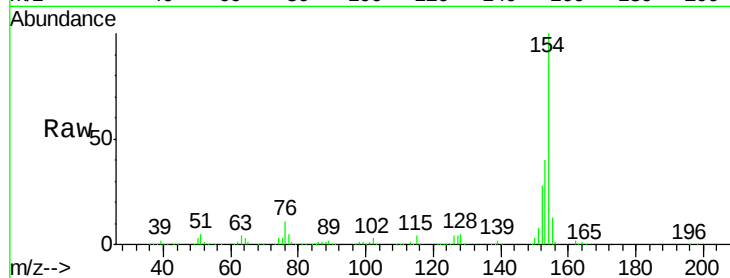
ClientSampleId :

SB-31SMSD

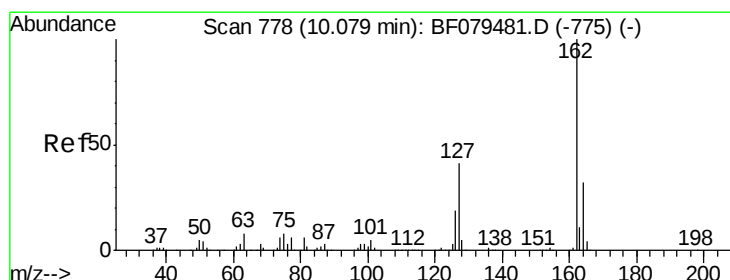
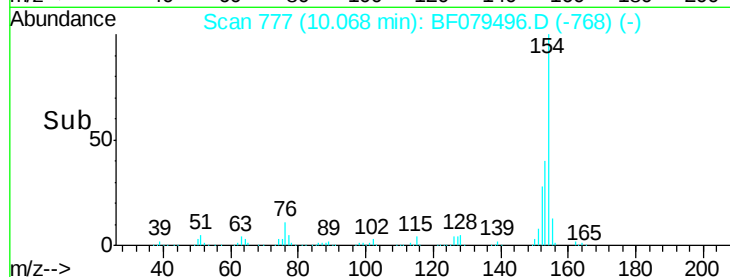
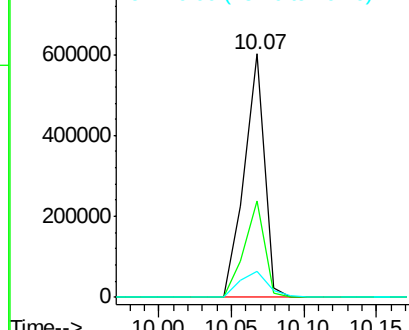
Tot Ion:	154	Resp:	585746
Ion Ratio	Lower	Upper	
154	100		
153	39.8	19.5	59.5
76	10.7	0.0	29.6

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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: 46.66 ng

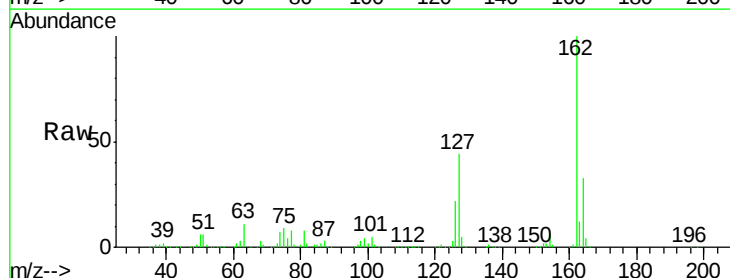
RT: 10.08 min Scan# 778

Delta R.T. 0.00 min

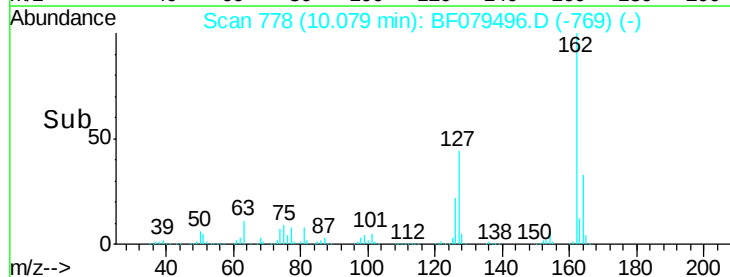
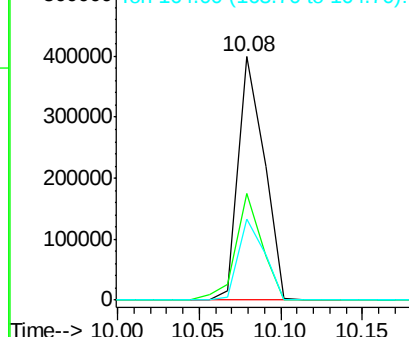
Lab File: BF079496.D

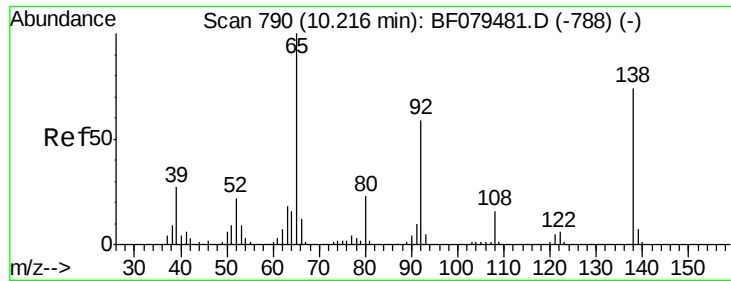
Acq: 27 May 2015 1:55

Tgt Ion:	162	Resp:	438824
Ion Ratio	Lower	Upper	
162	100		
127	43.8	32.7	49.1
164	33.5	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





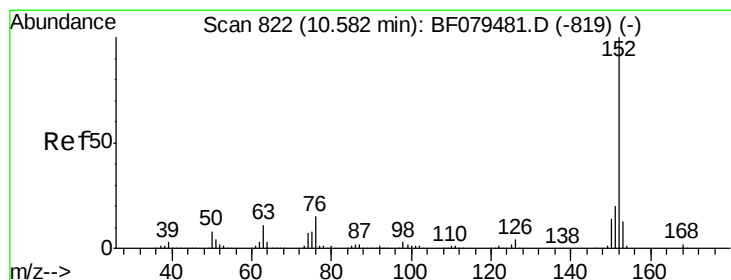
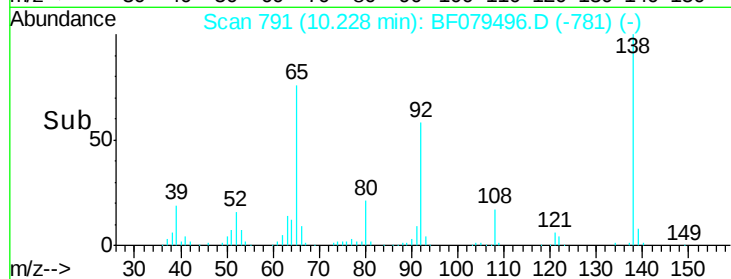
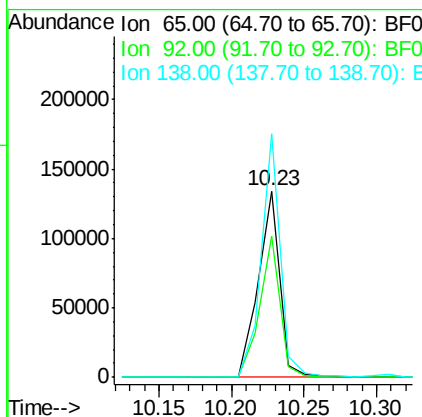
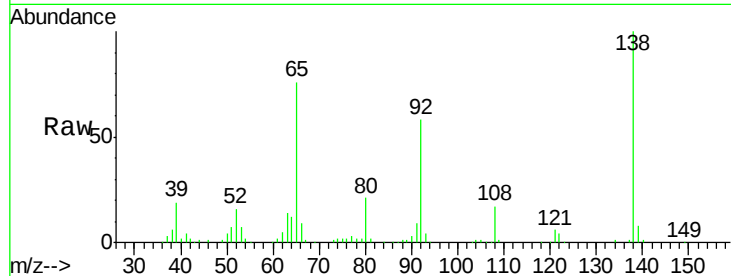
#47
2-Nitroaniline
Concen: 49.46 ng
RT: 10.23 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.7	47.2	70.8#
138	130.9	59.2	88.8#

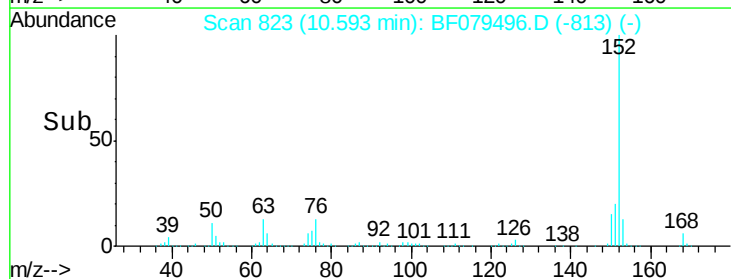
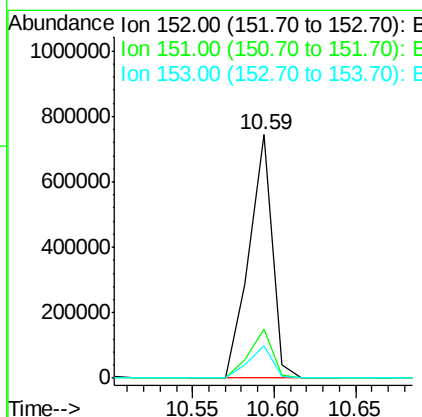
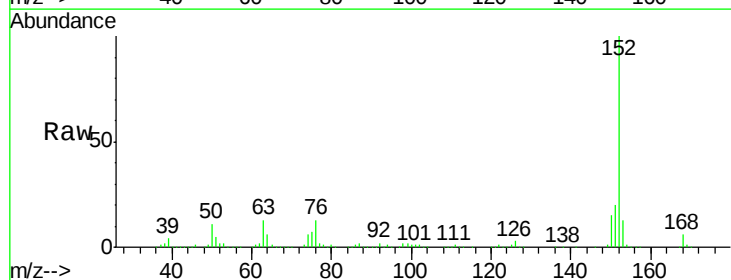
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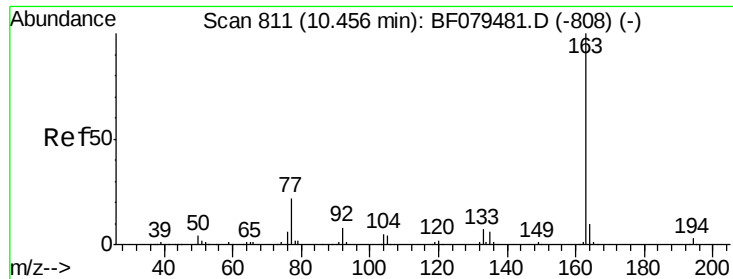
apatel
5/27/2015 2:01:50 PM



#48
Acenaphthylene
Concen: 47.31 ng
RT: 10.59 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.3	10.7	16.1





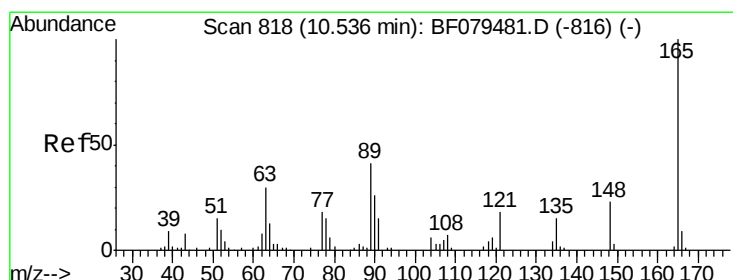
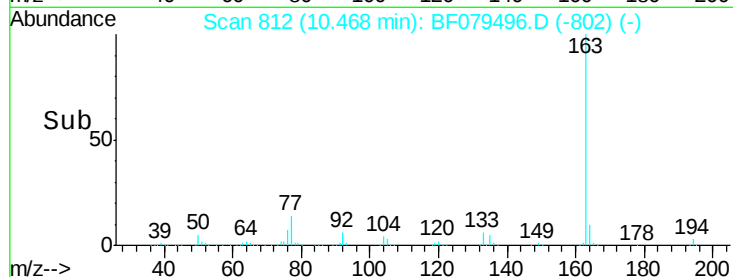
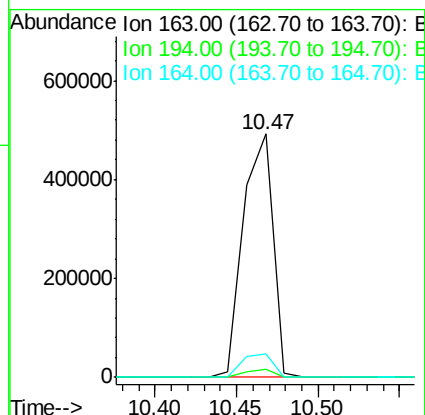
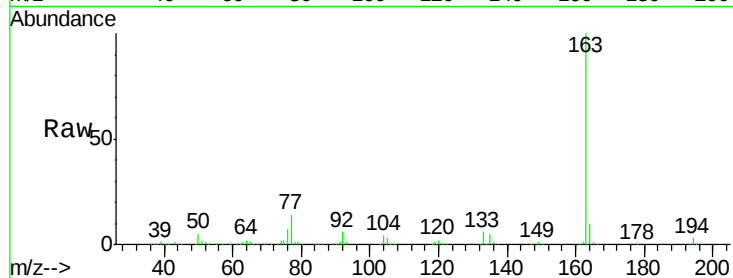
#49
Dimethylphthalate
Concen: 55.13 ng
RT: 10.47 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	619299		
194	3.5		2.4	3.6
164	9.8		8.2	12.4

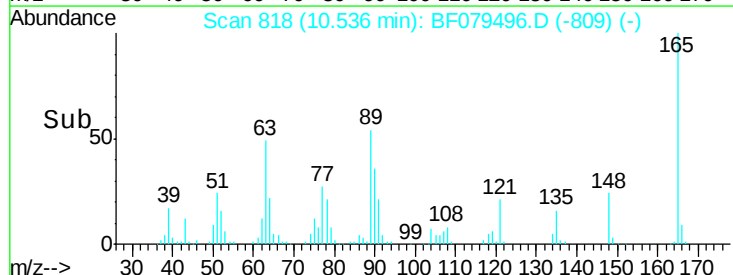
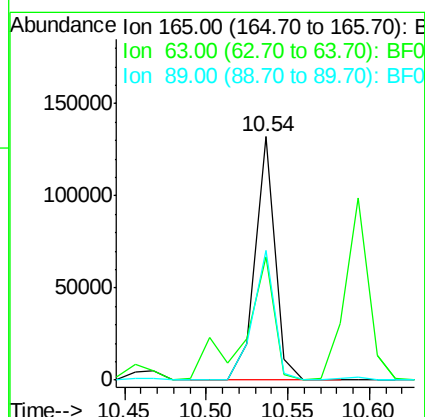
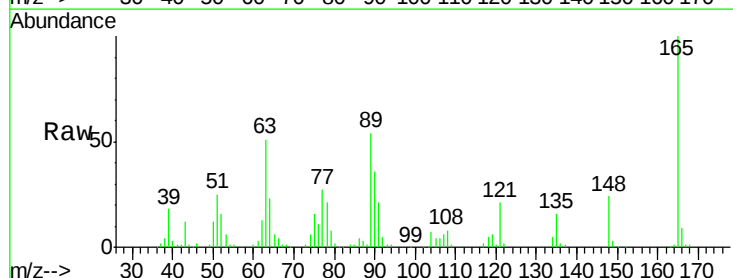
Manual Integrations
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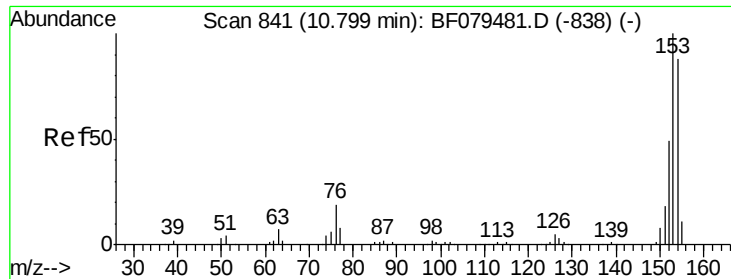
apatel
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#50
2,6-Dinitrotoluene
Concen: 50.21 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	112684		
63	50.8		27.7	41.5#
89	53.5		33.7	50.5#





#51

Acenaphthene

Concen: 49.01 ng

RT: 10.81 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

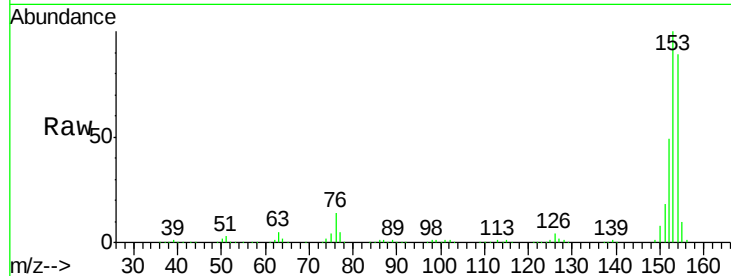
ClientSampleId :

SB-31SMSD

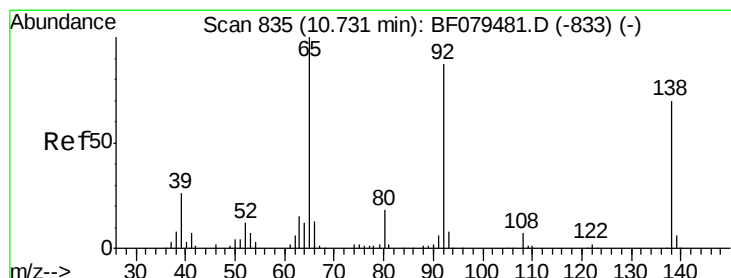
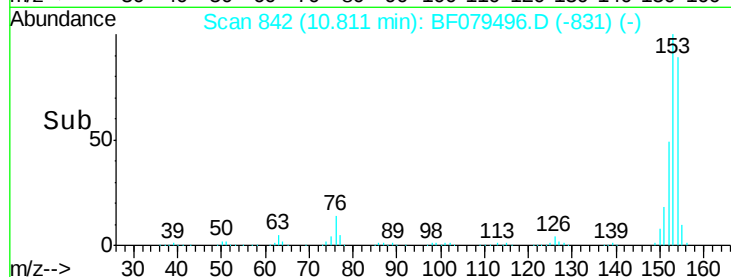
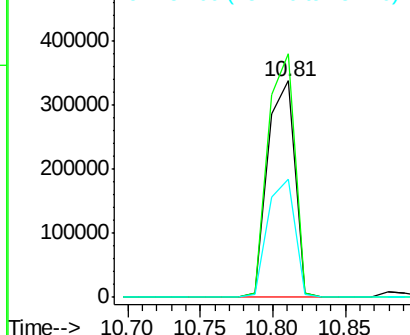
Tot Ion:	154	Resp:	437480
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.1	136.7
152	54.9	44.6	66.8

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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: 33.80 ng

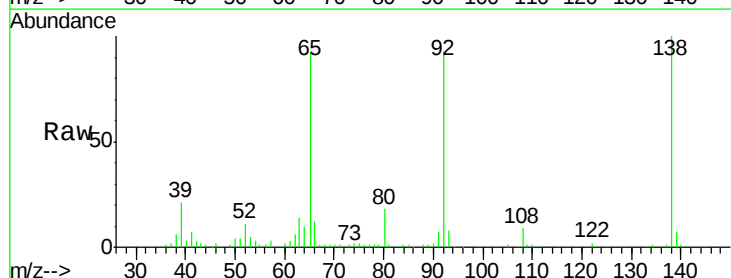
RT: 10.74 min Scan# 836

Delta R.T. 0.01 min

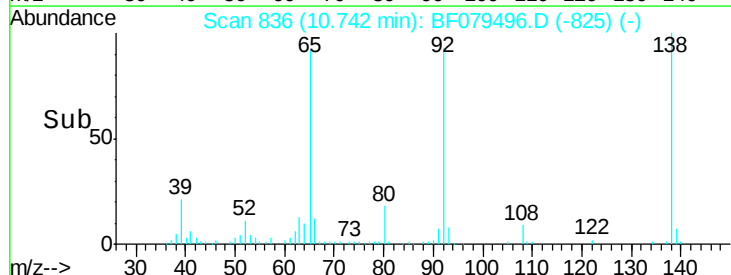
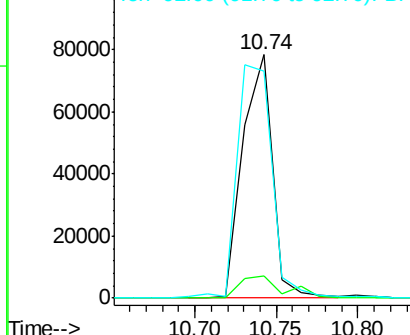
Lab File: BF079496.D

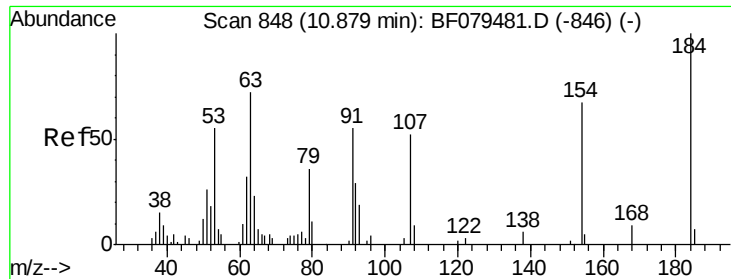
Acq: 27 May 2015 1:55

Tgt Ion:	138	Resp:	98679
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.0	12.0
92	93.2	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





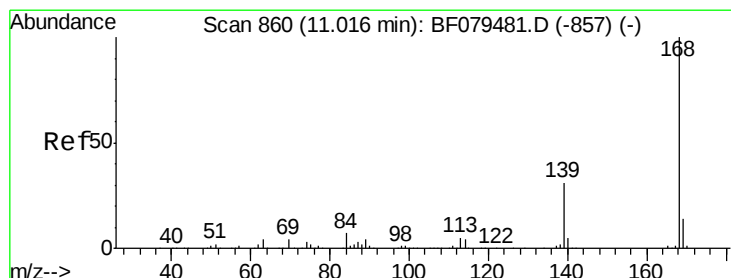
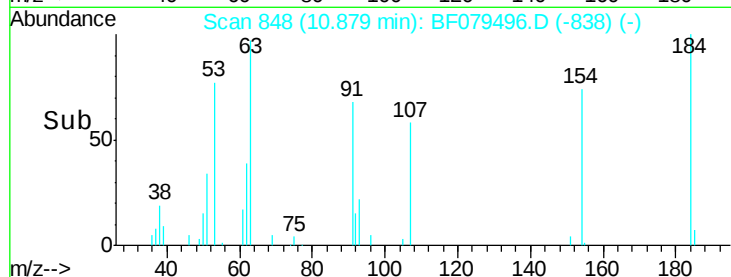
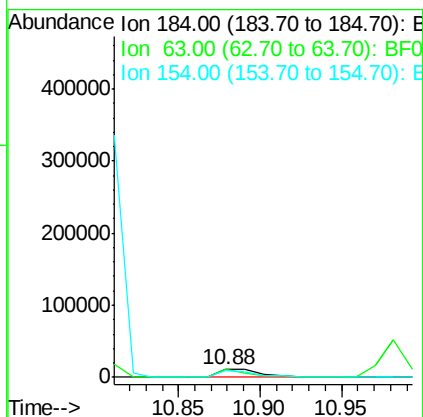
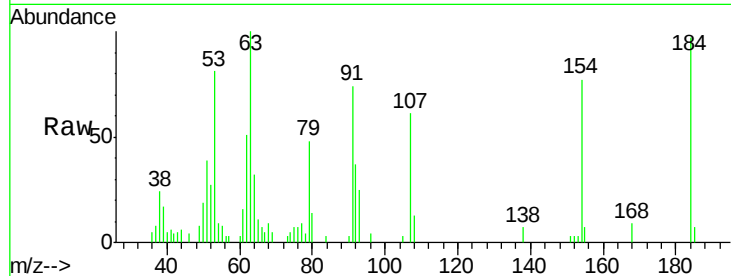
#53
2,4-Dinitrophenol
Concen: 35.12 ng
RT: 10.88 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	102.8	57.7	86.5#
154	79.6	53.4	80.2

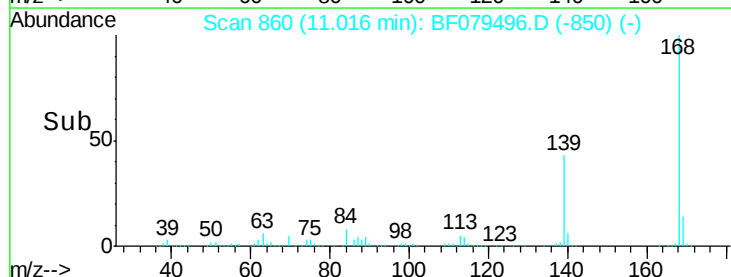
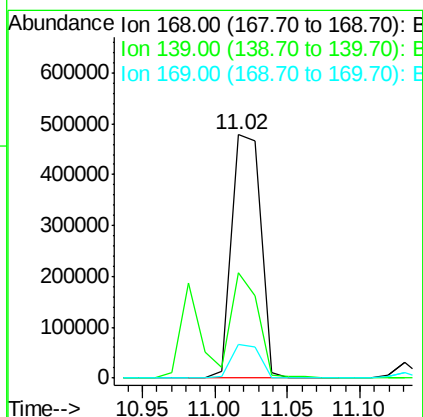
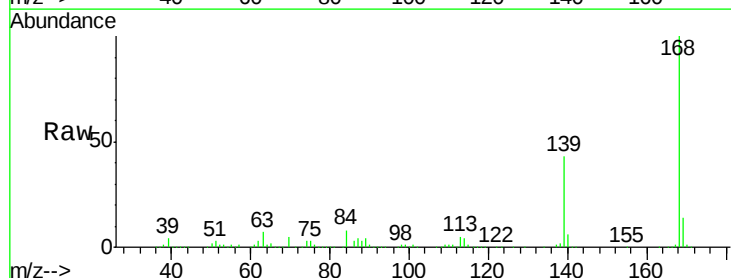
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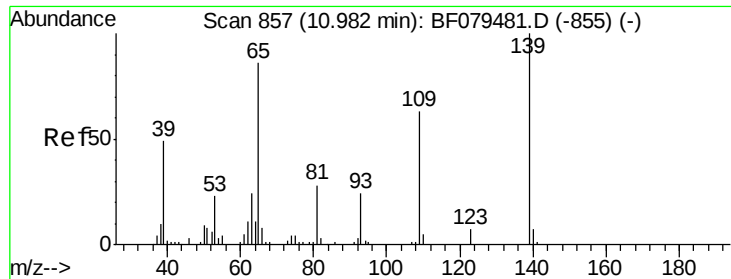
apatel
5/27/2015 2:01:50 PM



#54
Dibenzofuran
Concen: 50.65 ng
RT: 11.02 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.0	32.9	49.3
169	14.0	11.1	16.7





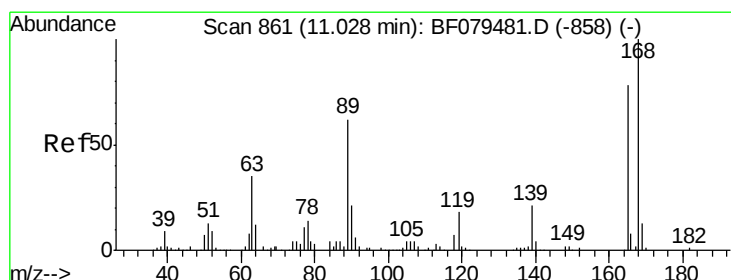
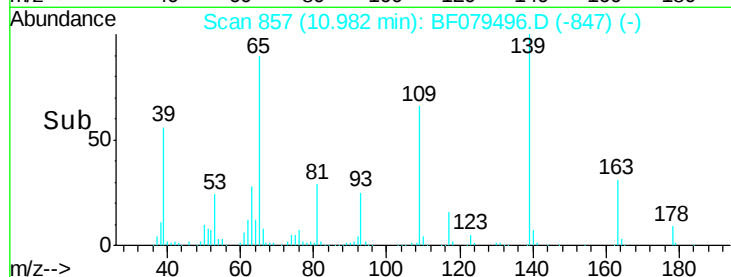
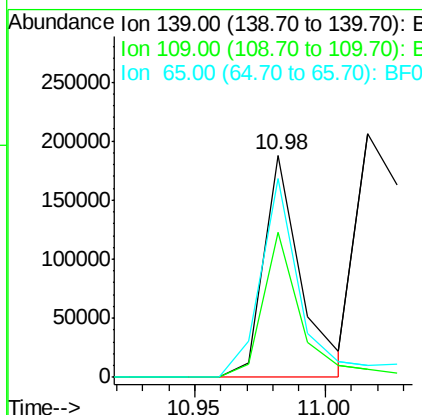
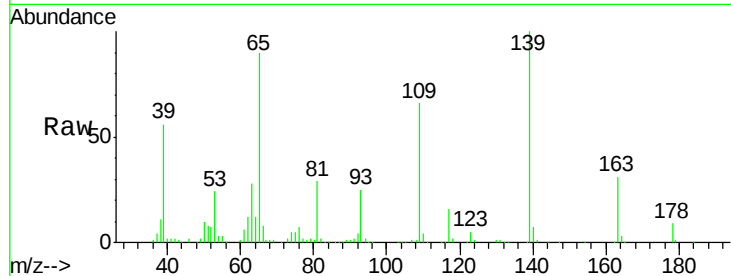
#55
4-Nitrophenol
Concen: 115.90 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampled :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	187625		
109	65.5	42.8	82.8	
65	89.8	66.3	106.3	

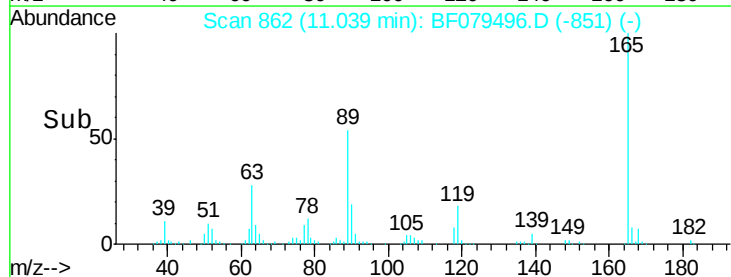
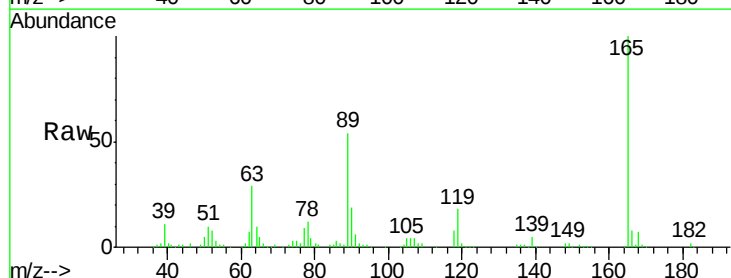
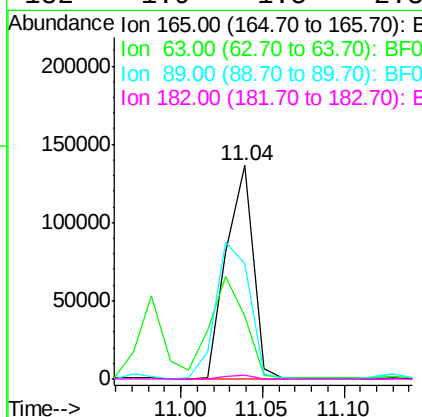
Manual Integrations
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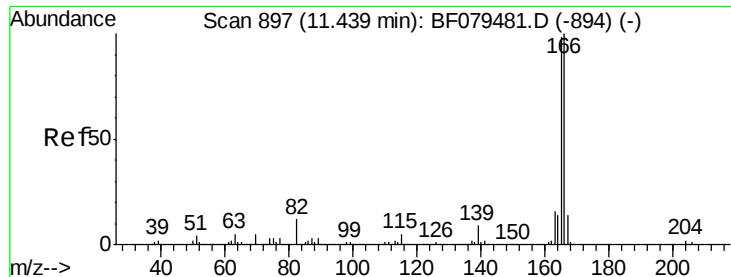
apatel
5/27/2015 2:01:50 PM



#56
2,4-Dinitrotoluene
Concen: 51.63 ng
RT: 11.04 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155401		
63	29.4	39.5	59.3#	
89	54.2	64.2	96.4#	
182	1.9	1.5	2.3	





#57

Fluorene

Concen: 50.53 ng

RT: 11.45 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

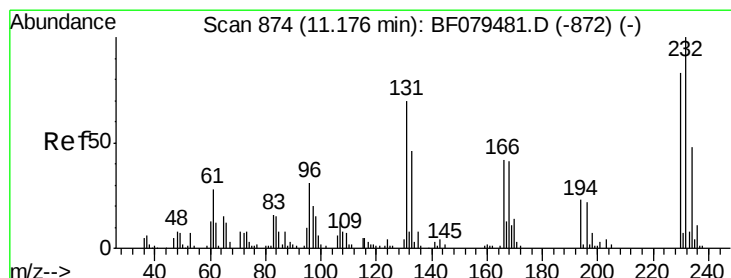
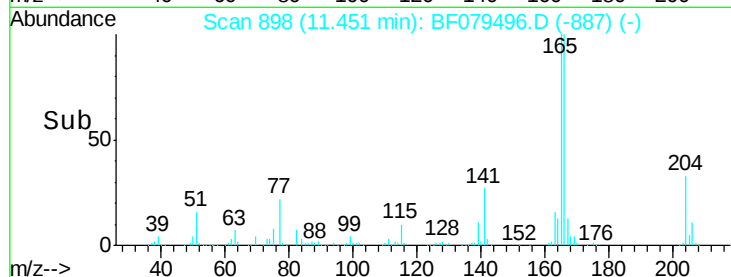
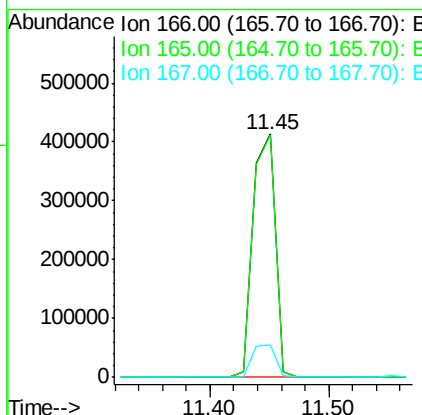
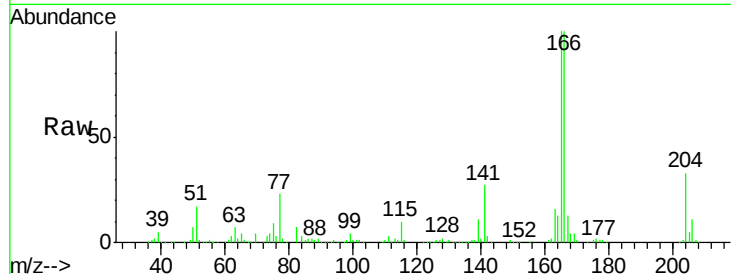
ClientSampleId :

SB-31SMSD

Tot Ion:	166	Resp:	548395
Ion Ratio	Lower	Upper	
166	100		
165	99.8	78.6	117.8
167	13.3	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.13 ng

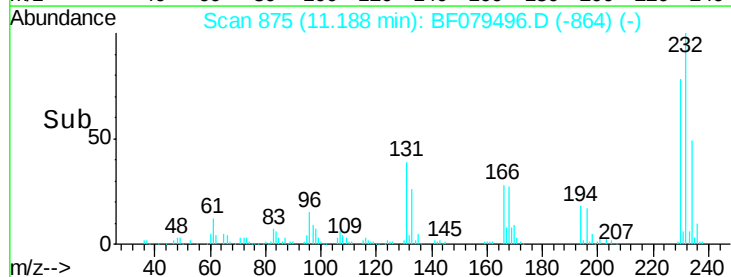
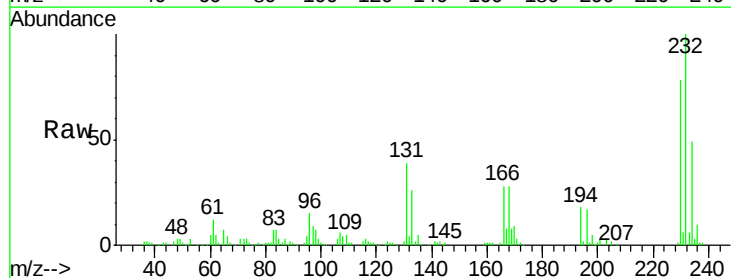
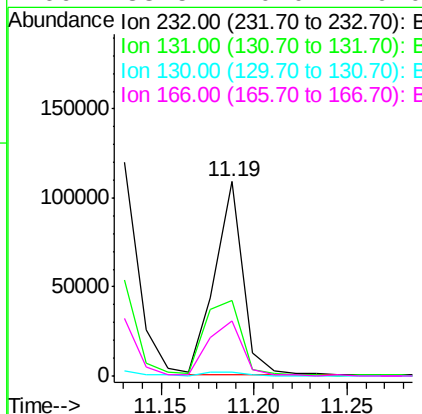
RT: 11.19 min Scan# 875

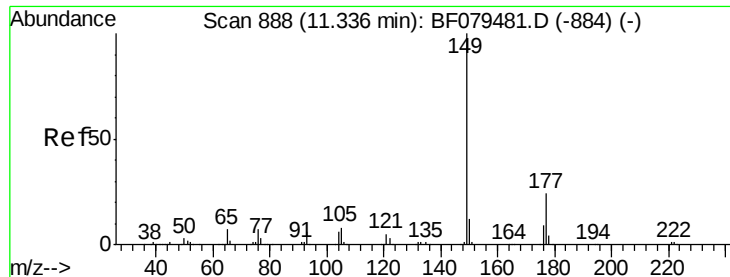
Delta R.T. 0.01 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Tgt Ion:	232	Resp:	114608
Ion Ratio	Lower	Upper	
232	100		
131	51.1	0.0	0.0#
130	2.7	0.0	0.0#
166	33.5	0.0	0.0#





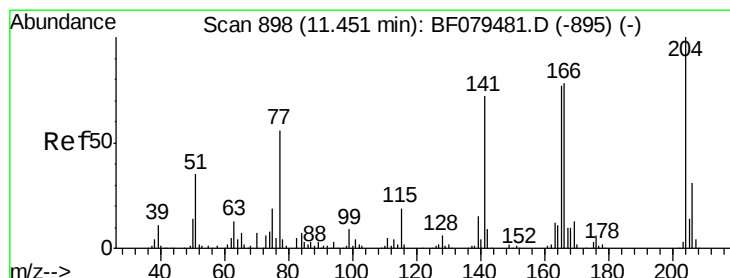
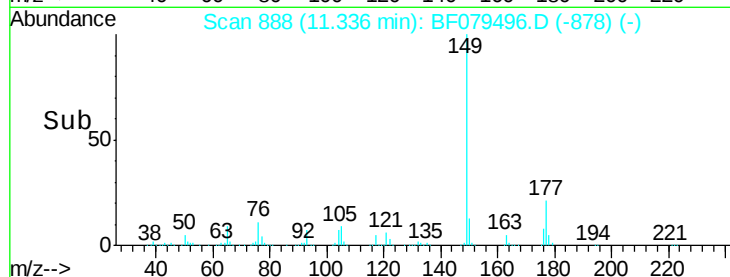
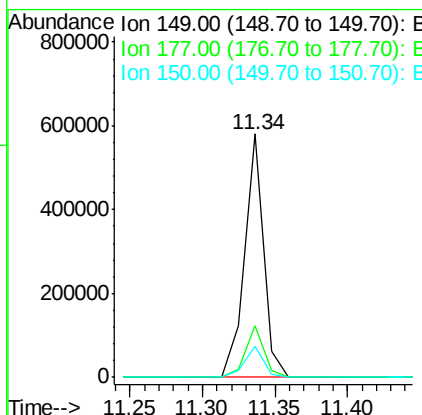
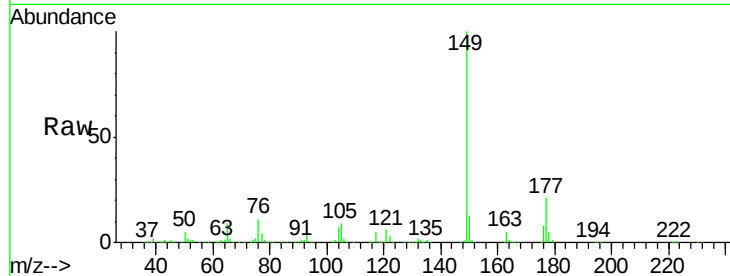
#59
Diethylphthalate
Concen: 47.95 ng
RT: 11.34 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	527323		
177	21.4	18.9	28.3	
150	12.8	9.8	14.6	

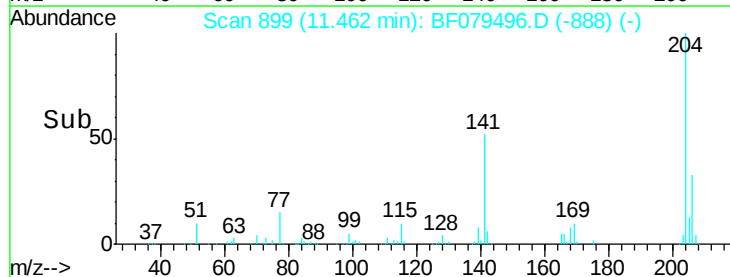
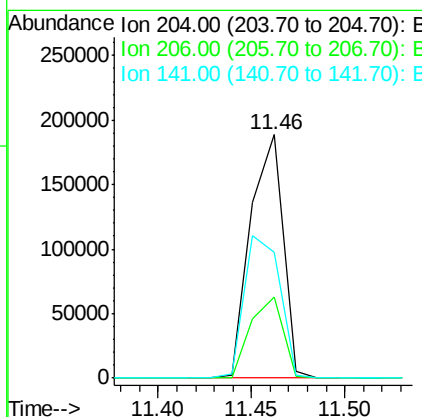
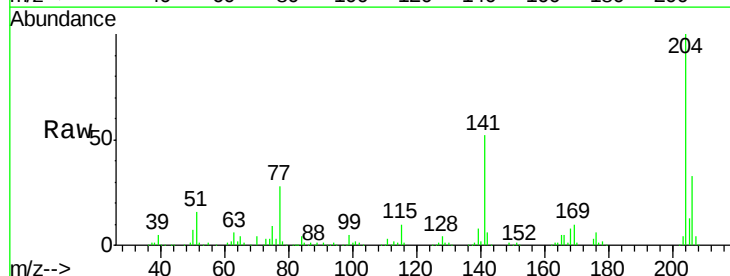
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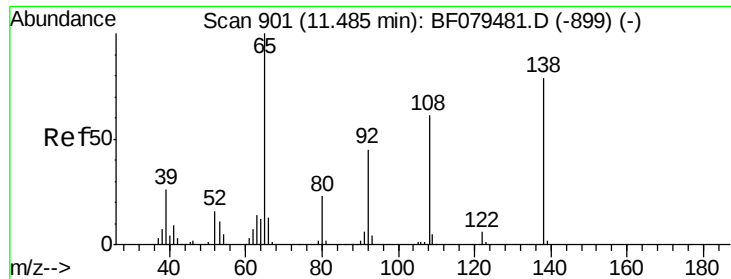
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#60
4-Chlorophenyl-phenylether
Concen: 48.66 ng
RT: 11.46 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	228185		
206	33.4	25.0	37.4	
141	51.6	57.4	86.2#	





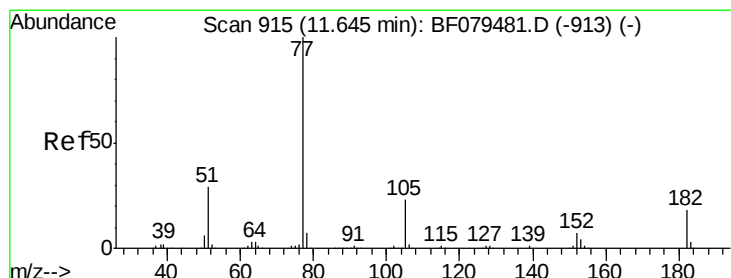
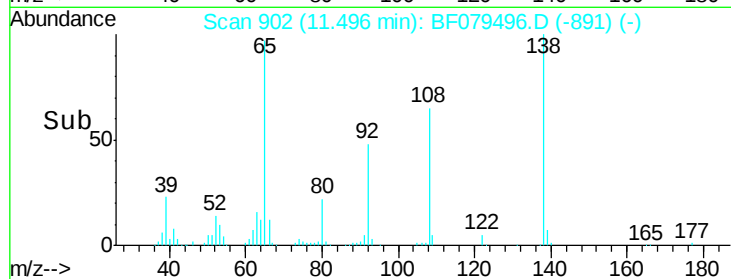
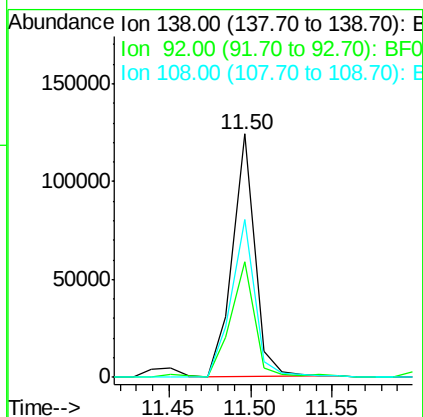
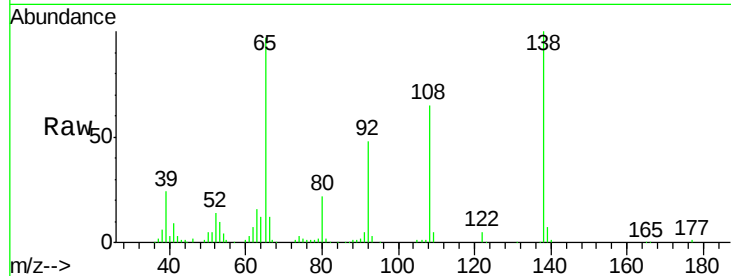
#61
4-Nitroaniline
Concen: 43.24 ng
RT: 11.50 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	117589		
92	47.5	37.2	77.2	
108	64.6	57.0	97.0	

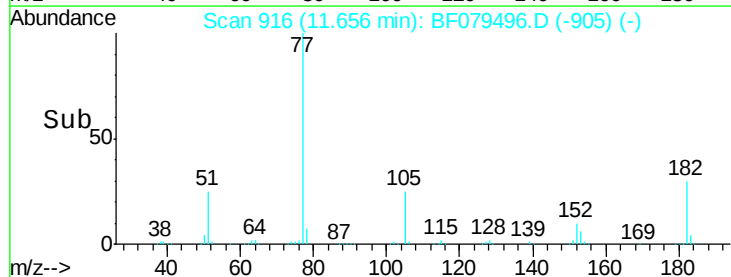
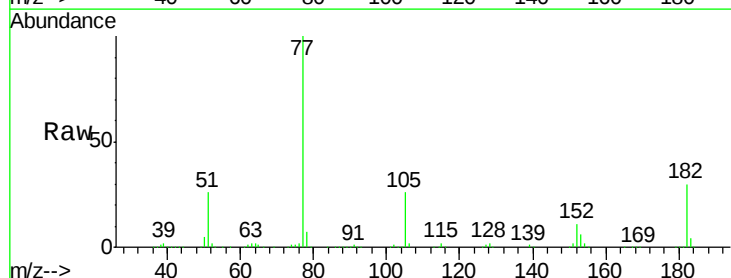
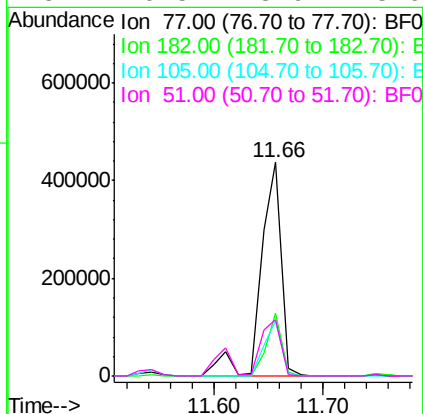
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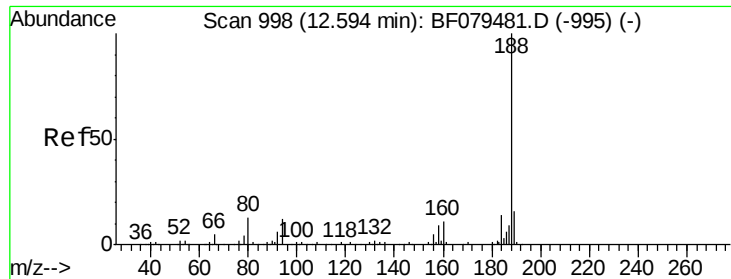
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#62
Azobenzene
Concen: 53.32 ng
RT: 11.66 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	570290		
182	29.5	0.0	37.7	
105	25.9	2.7	42.7	
51	26.5	8.9	48.9	





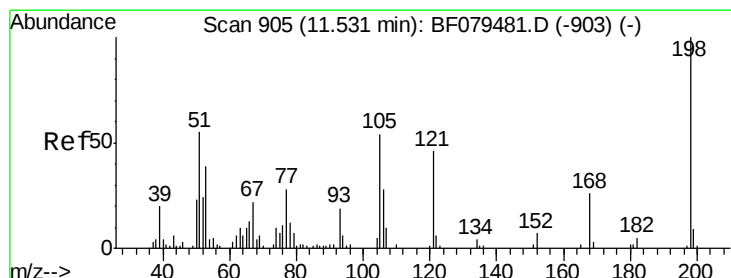
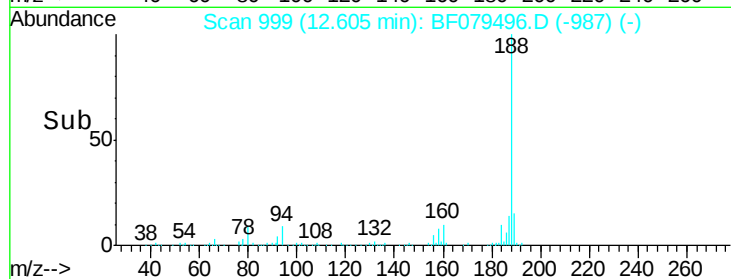
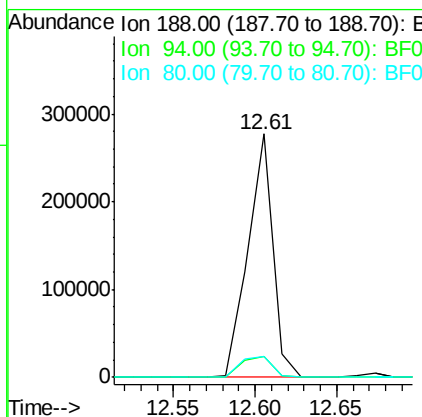
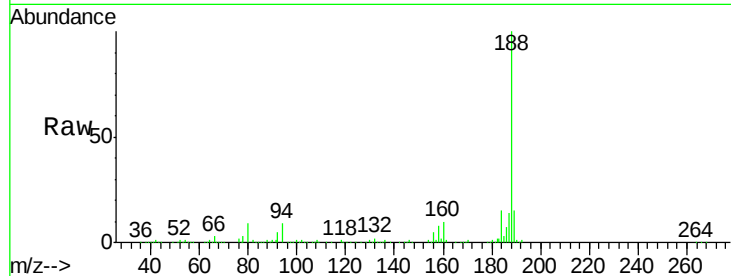
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	9.8	14.6#
80	8.8	10.5	15.7#

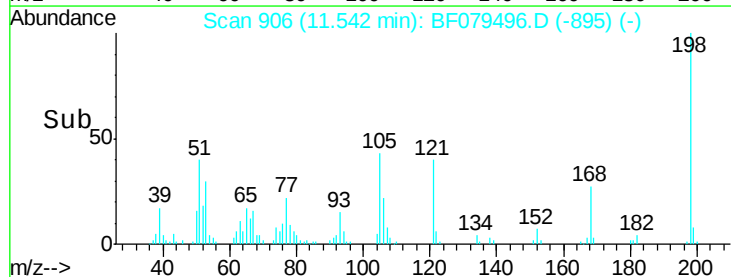
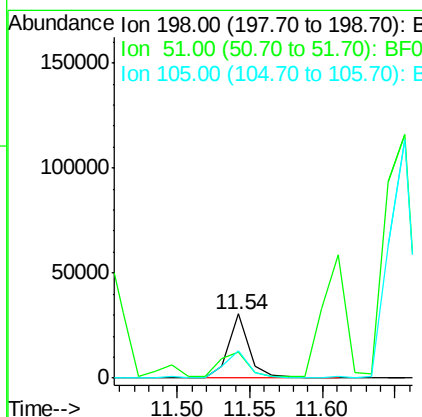
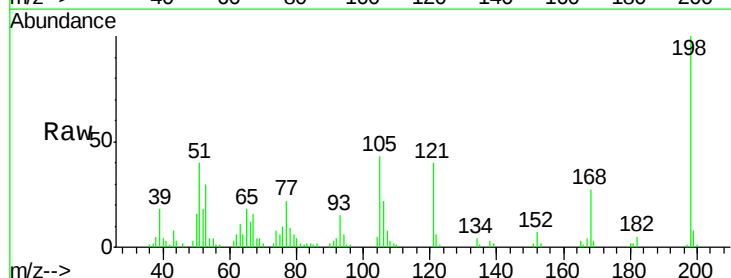
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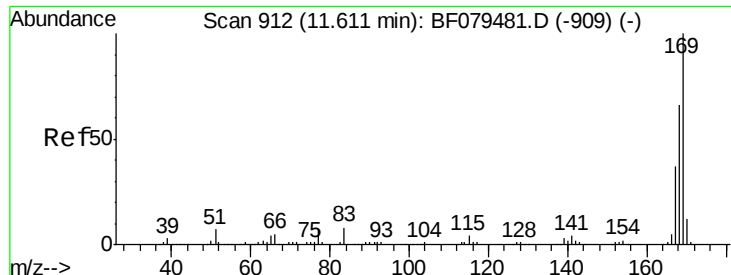
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.61 ng
RT: 11.54 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	40.1	36.0	76.0
105	42.7	34.1	74.1





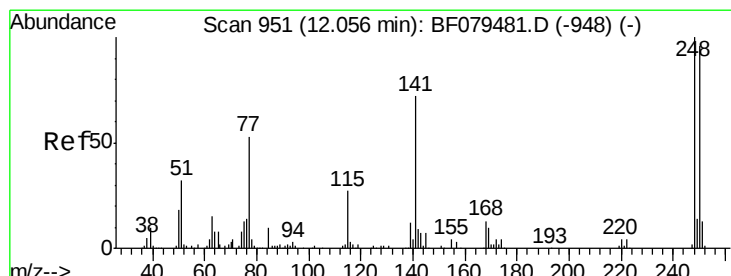
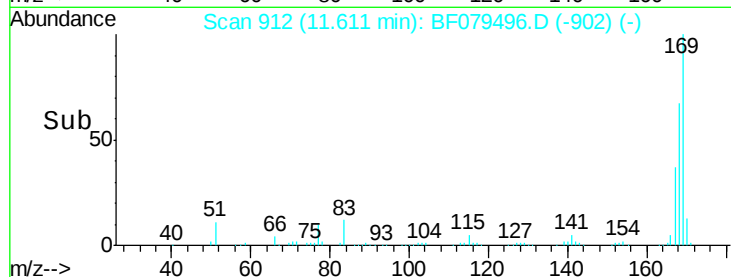
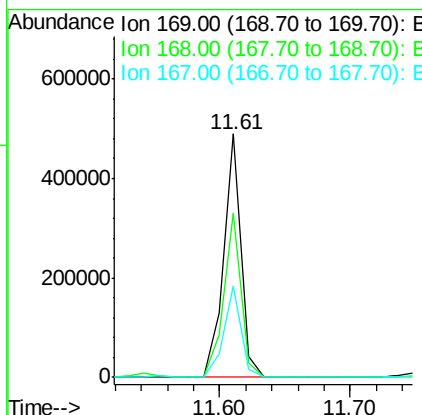
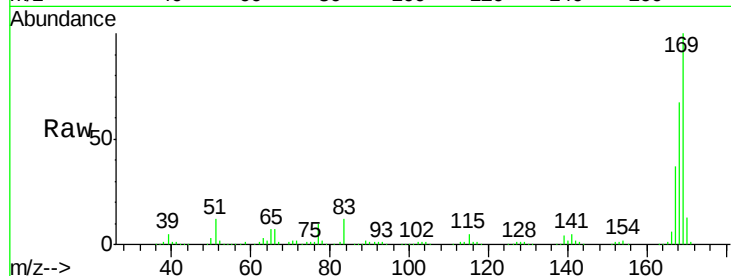
#65
 n-Nitrosodiphenylamine
 Concen: 46.94 ng
 RT: 11.61 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		456493		
168	67.4	53.1		79.7	
167	37.5	29.9		44.9	

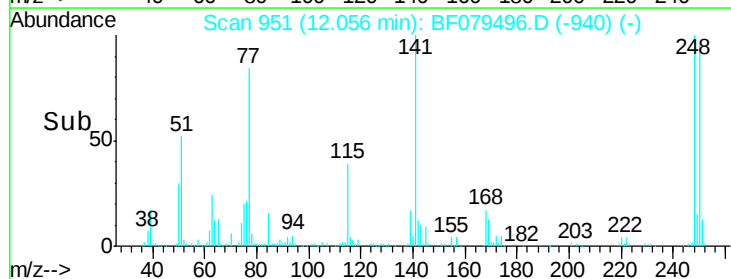
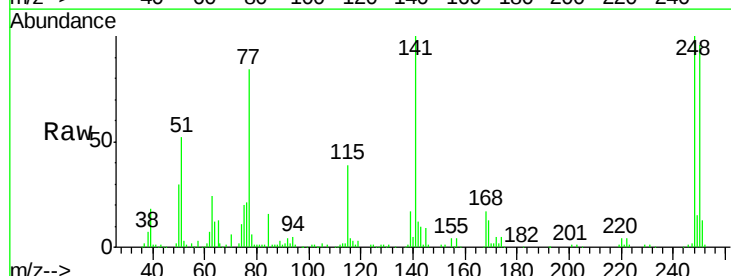
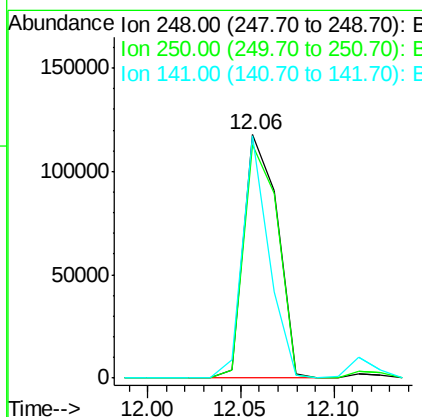
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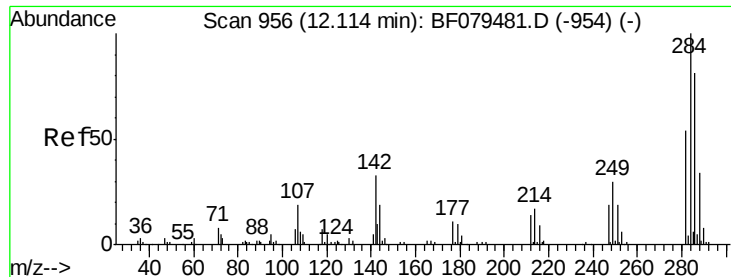
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#66
 4-Bromophenyl-phenylether
 Concen: 48.86 ng
 RT: 12.06 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		147322		
250	96.1	76.8		115.2	
141	99.7	57.7		86.5	





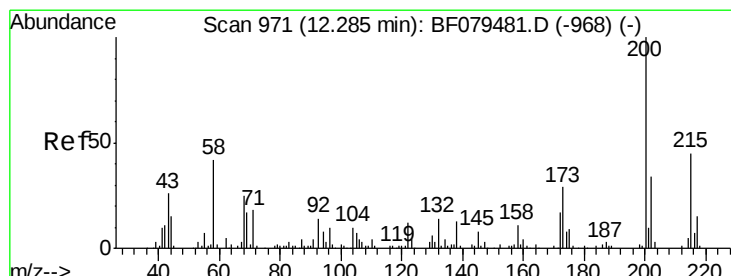
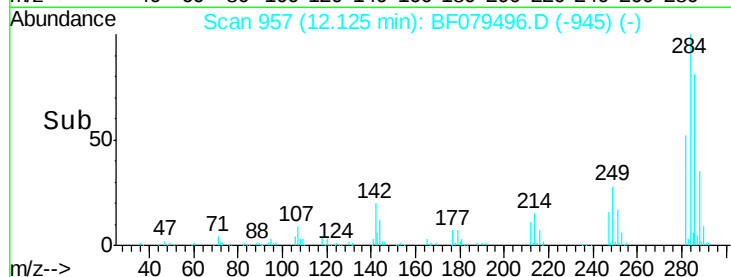
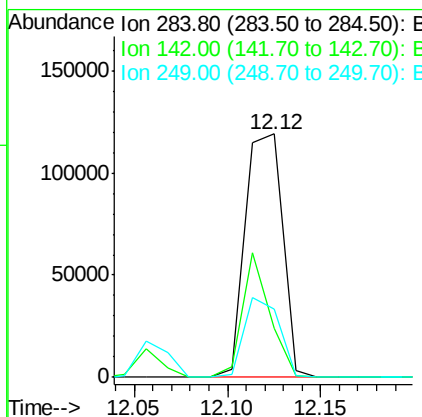
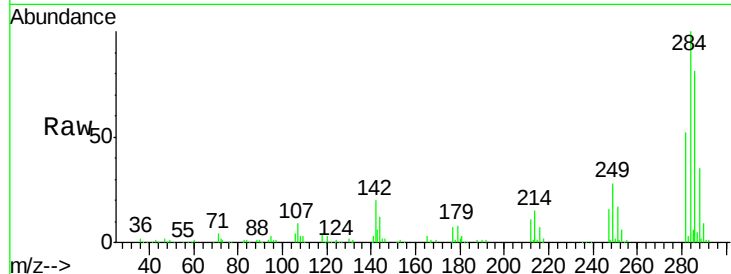
#67
Hexachlorobenzene
Concen: 48.21 ng
RT: 12.12 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	165741		
142	20.4	26.2	39.2	
249	27.9	24.3	36.5	

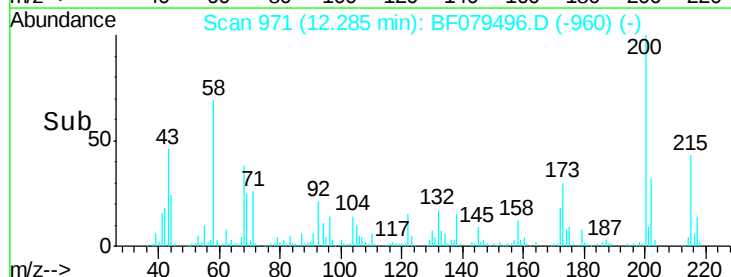
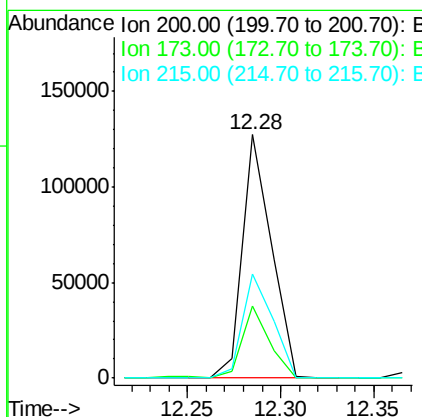
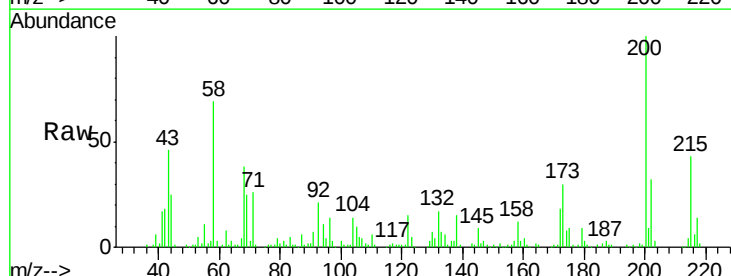
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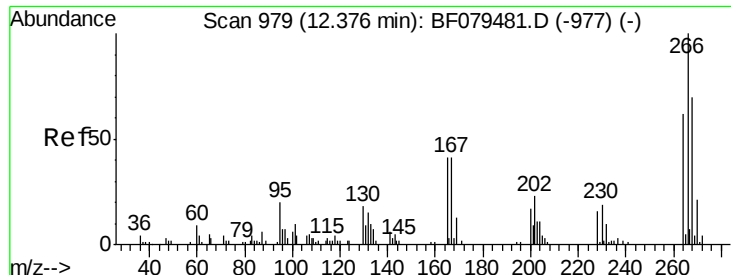
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#68
Atrazine
Concen: 52.22 ng
RT: 12.28 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	137212		
173	29.7	9.4	49.4	
215	42.6	25.3	65.3	





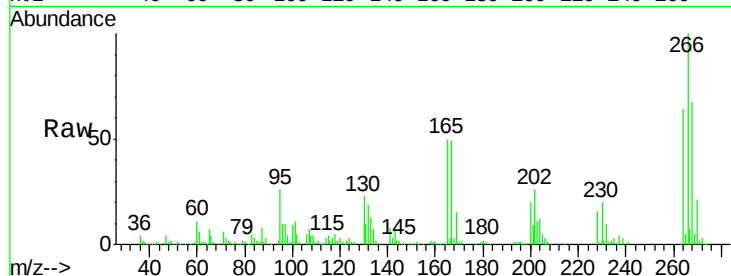
#69
 Pentachlorophenol
 Concen: 117.98 ng
 RT: 12.38 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

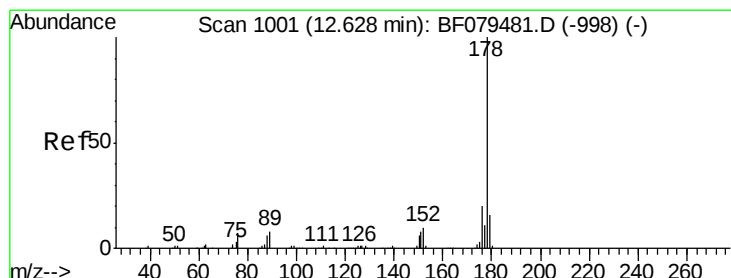
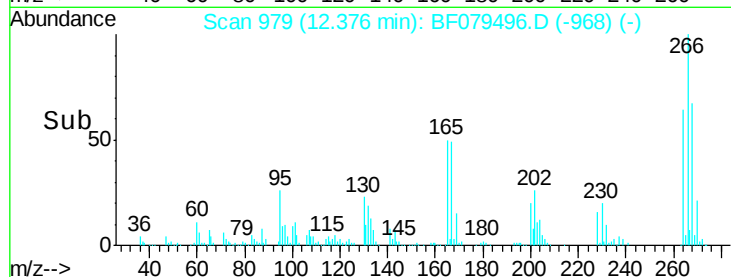
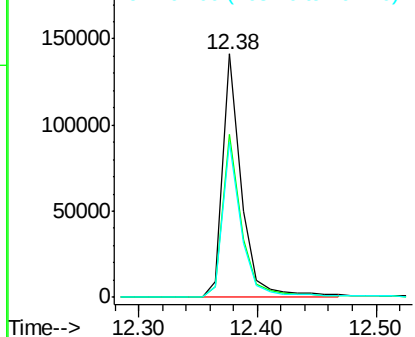
Tot Ion	Ratio	Resp	Lower	Upper
266	100	155388		
268	67.2	56.1	84.1	
264	63.8	50.0	75.0	

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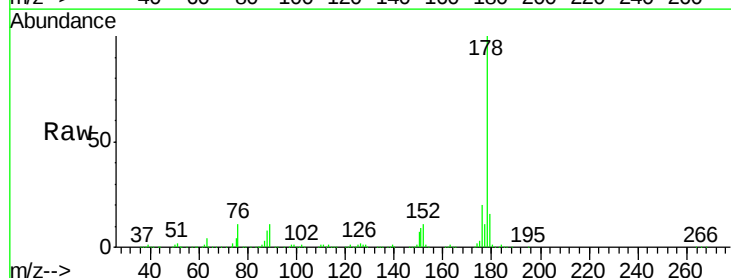


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

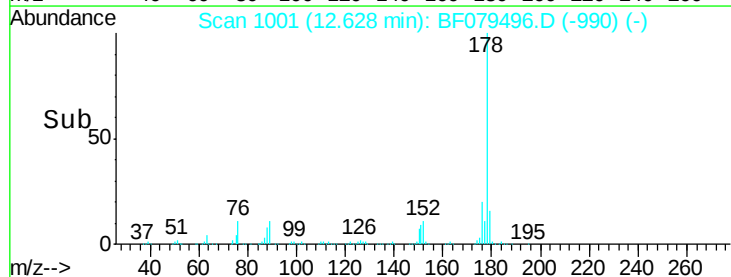
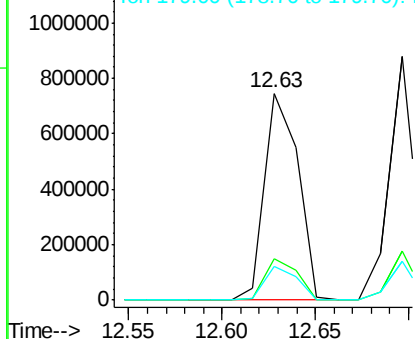


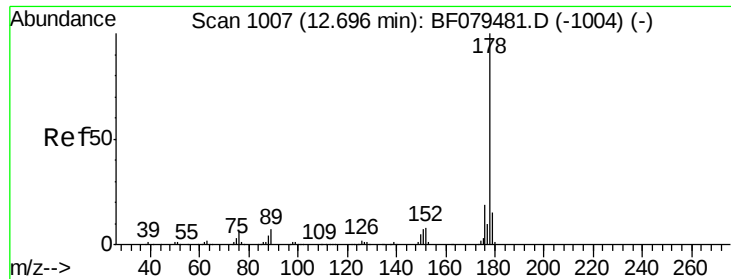
#70
 Phenanthrene
 Concen: 57.88 ng
 RT: 12.63 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	929912		
176	20.2	15.7	23.5	
179	16.1	12.4	18.6	



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





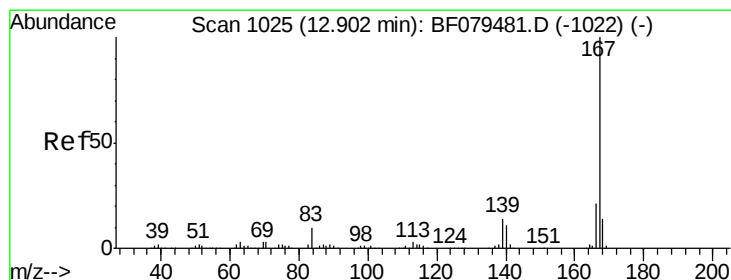
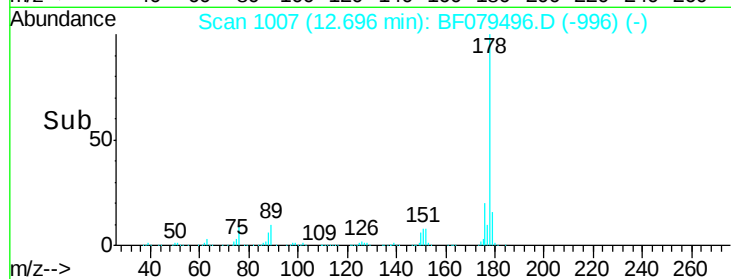
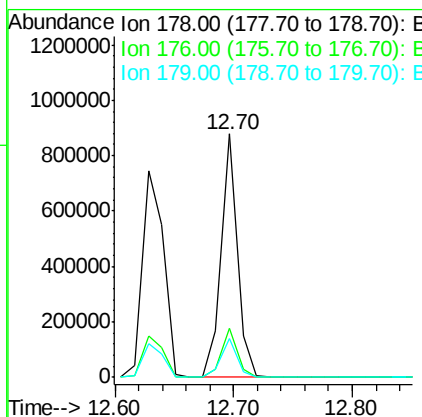
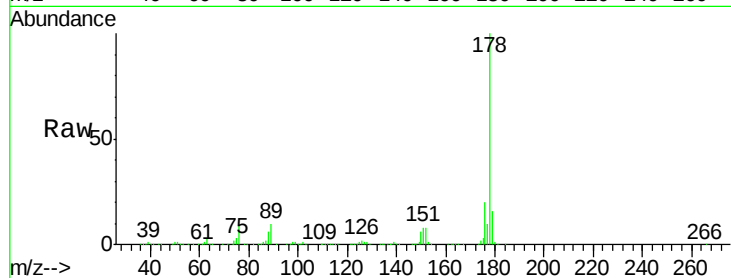
#71
 Anthracene
 Concen: 50.62 ng
 RT: 12.70 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	16.1	12.2	18.4

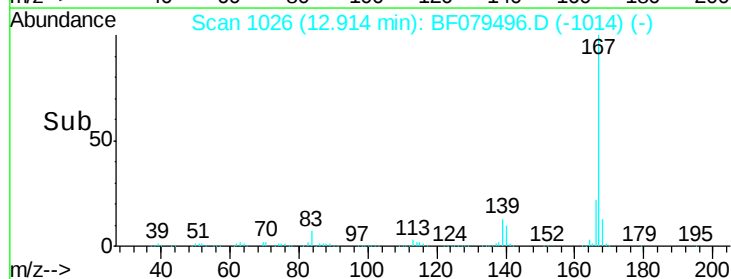
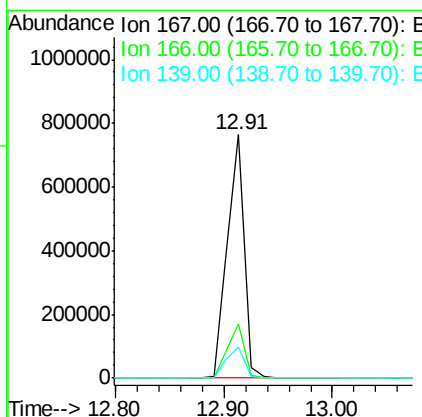
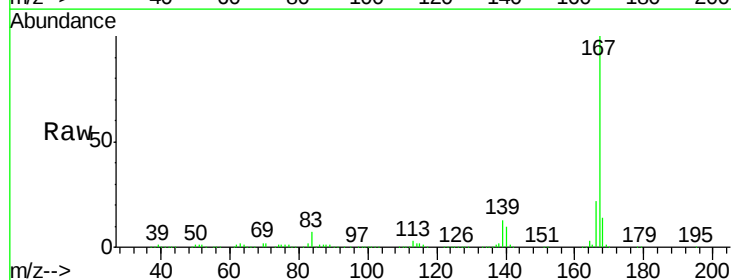
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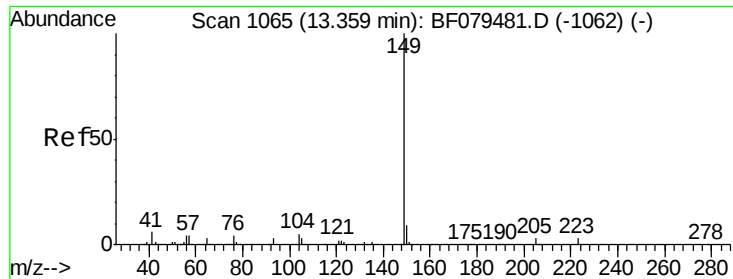
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#72
 Carbazole
 Concen: 52.14 ng
 RT: 12.91 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.4
139	12.7	11.2	16.8





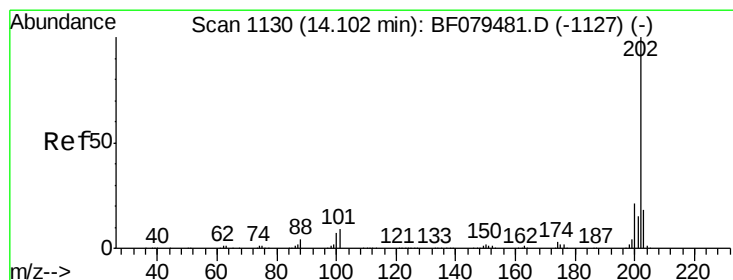
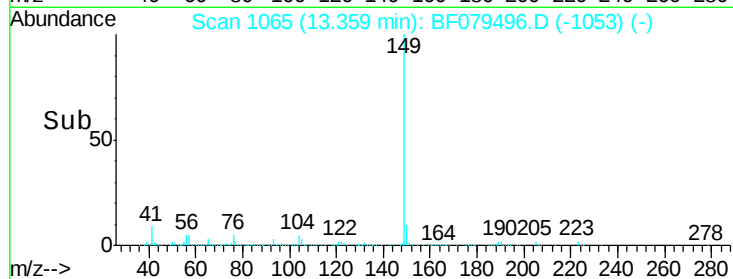
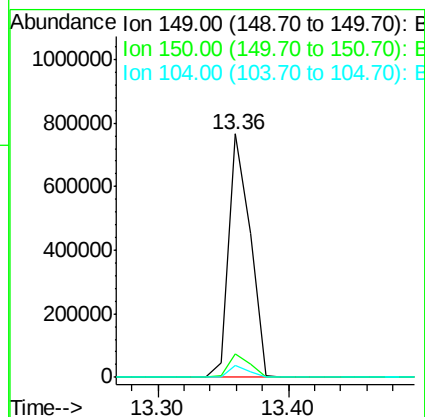
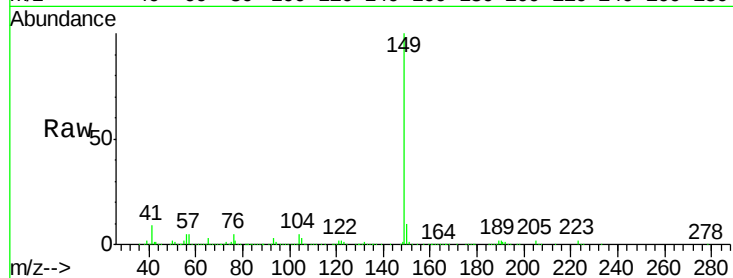
#73
Di-n-butylphthalate
Concen: 49.92 ng
RT: 13.36 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	872664		
150	9.8	7.5	11.3	
104	5.1	3.6	5.4	

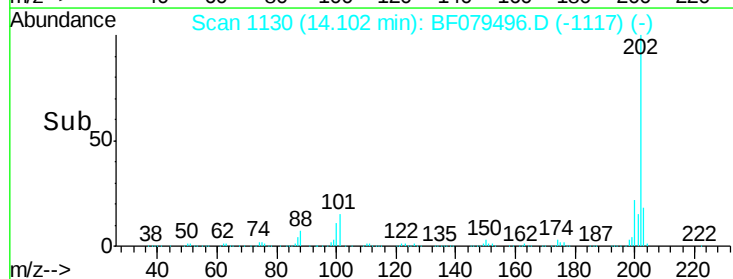
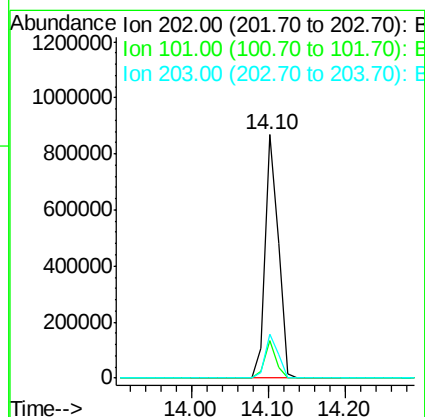
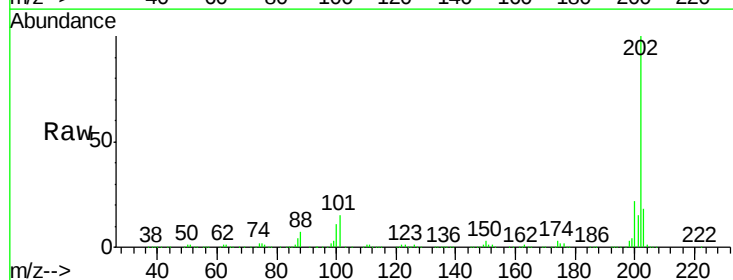
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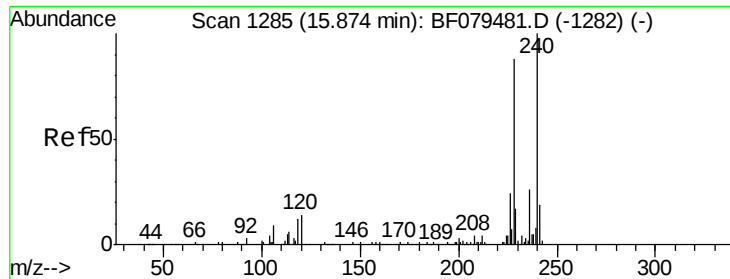
apatel
5/27/2015 2:01:50 PM



#74
Fluoranthene
Concen: 59.24 ng
RT: 14.10 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1020582		
101	15.2	0.0	29.3	
203	18.3	0.0	37.6	





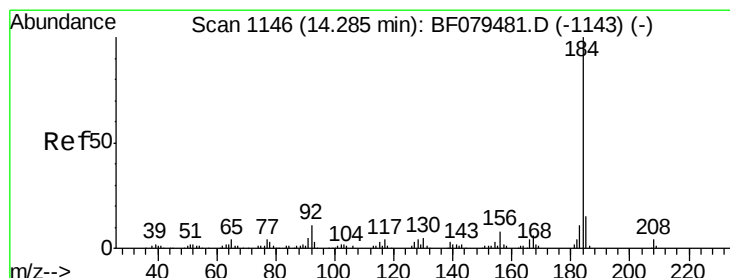
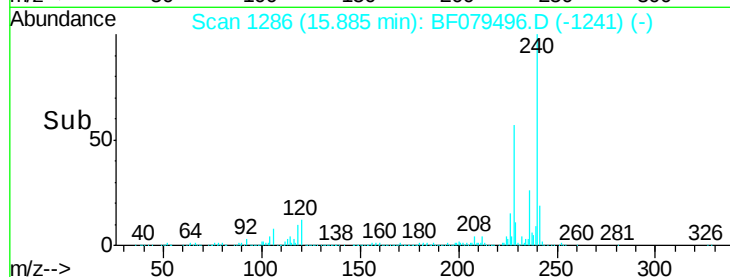
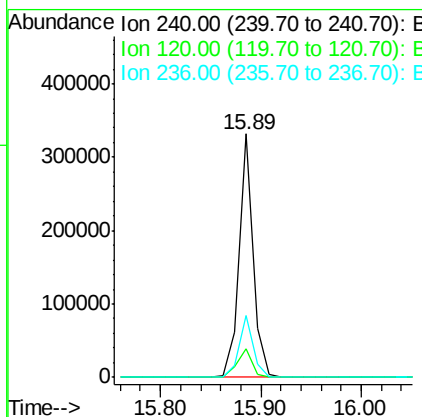
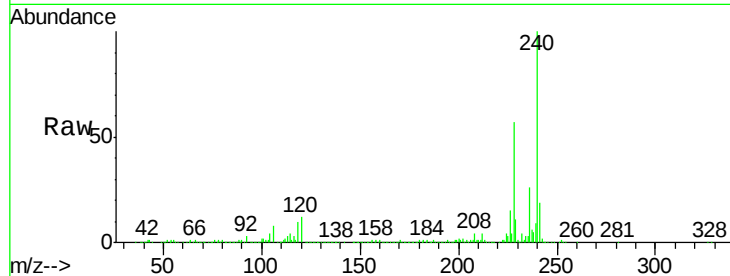
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.8	16.2
236	25.5	21.0	31.6

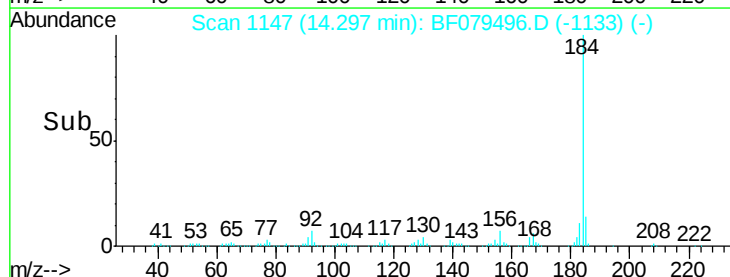
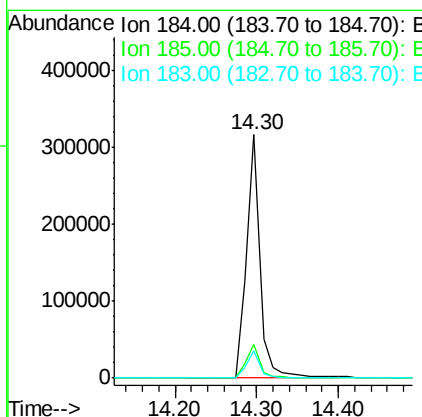
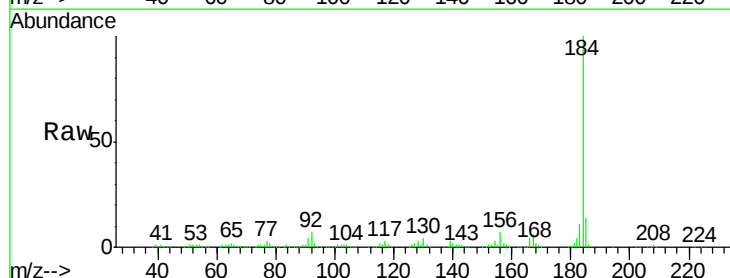
Manual Integrations
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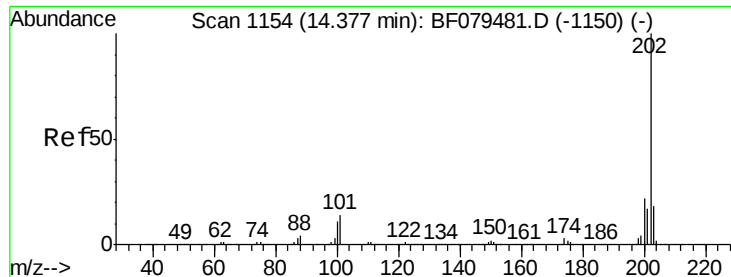
apatel
5/27/2015 2:01:50 PM



#76
Benzidine
Concen: 52.86 ng
RT: 14.30 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.1	18.1
183	11.1	8.6	12.8





#77

Pvrene

Concen: 53.07 ng

RT: 14.39 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

Tot Ion:202 Resp: 1062876

Ion Ratio Lower Upper

202 100

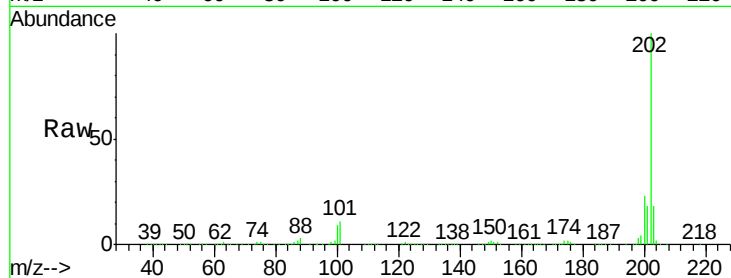
200 22.6 17.5 26.3

203 17.9 14.4 21.6

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apatel

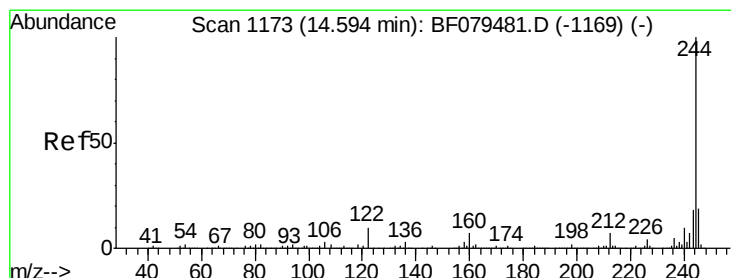
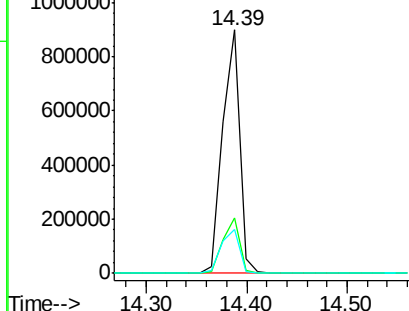
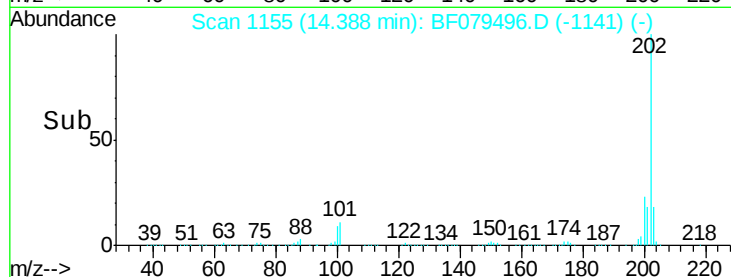
5/27/2015 2:01:50 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.04 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

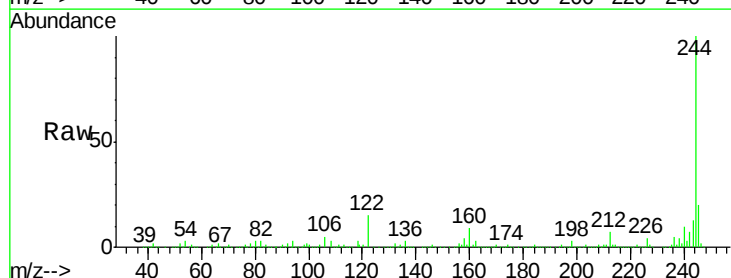
Tgt Ion:244 Resp: 1116265

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

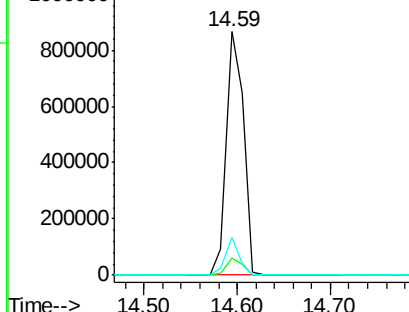
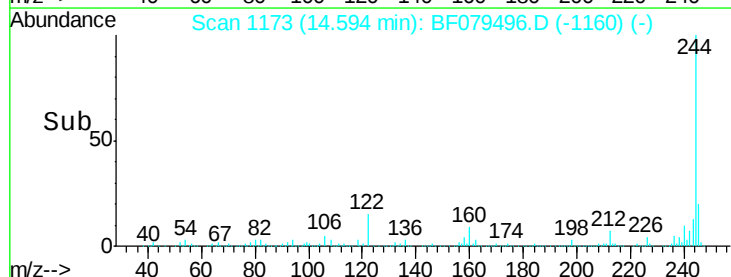
122 15.4 8.0 12.0#

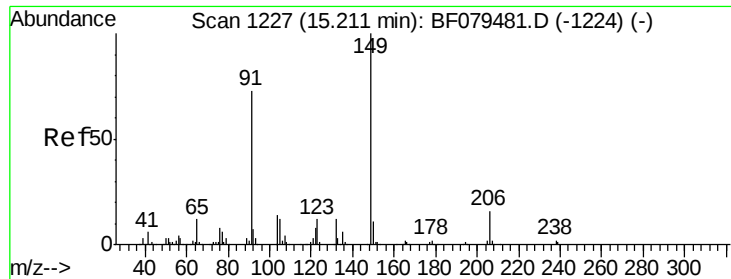


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





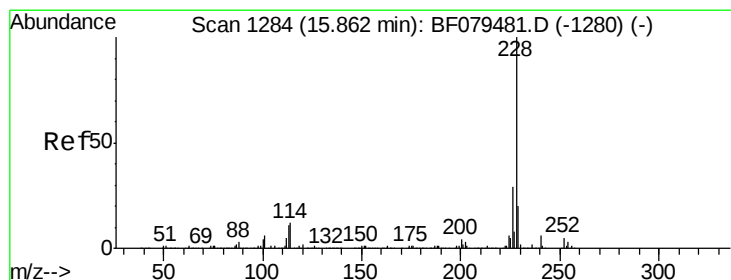
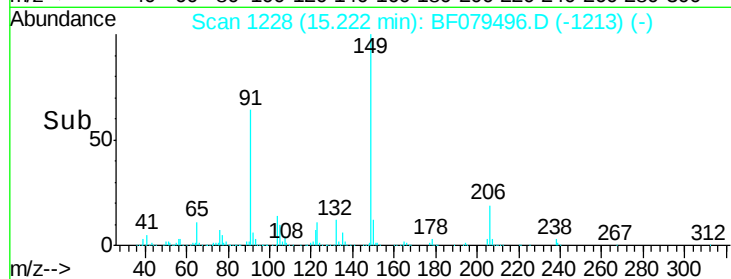
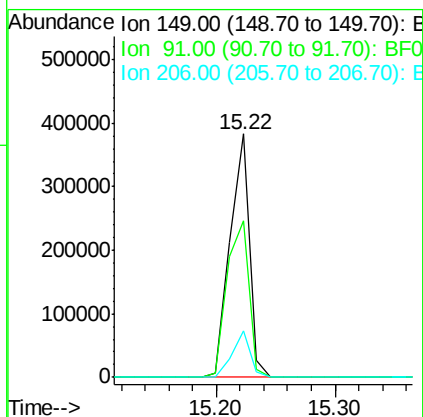
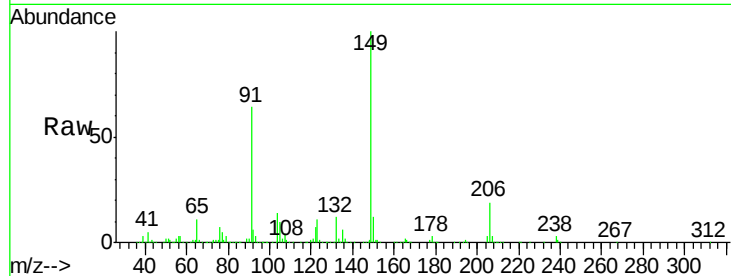
#79
Butylbenzylphthalate
Concen: 47.96 ng
RT: 15.22 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	431964		
91	64.3	58.1	87.1	
206	19.3	13.1	19.7	

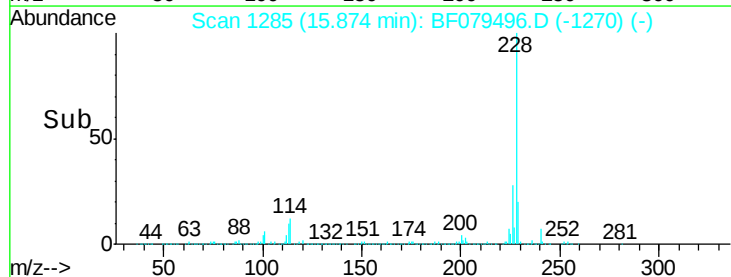
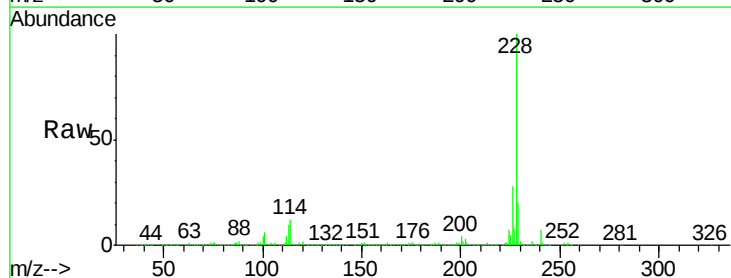
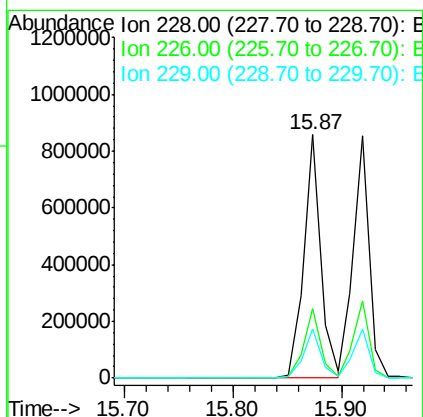
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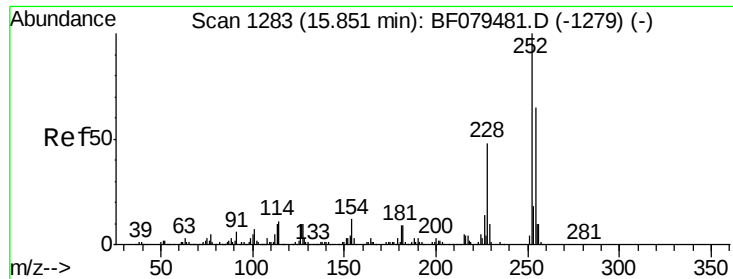
apatel
5/27/2015 2:01:50 PM



#80
Benzo(a)anthracene
Concen: 50.59 ng
RT: 15.87 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	940821		
226	28.4	22.8	34.2	
229	20.1	15.9	23.9	





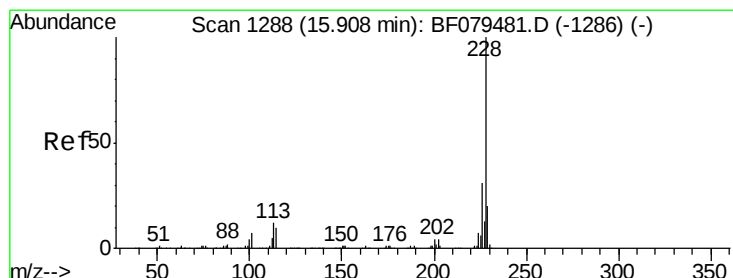
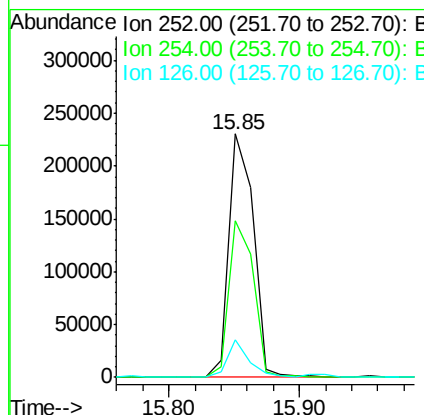
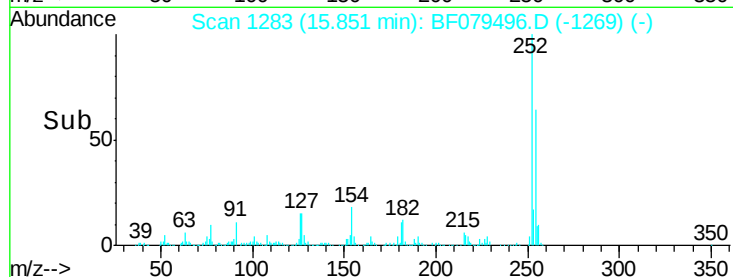
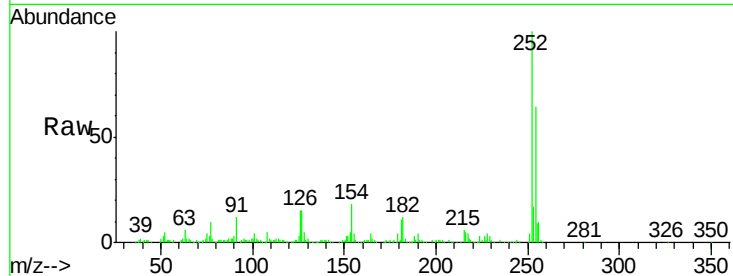
#81
 3,3'-Dichlorobenzidine
 Concen: 44.44 ng
 RT: 15.85 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.3	52.1	78.1	
126	15.3	8.2	12.2	

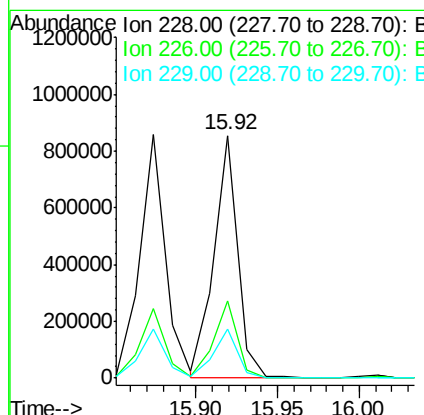
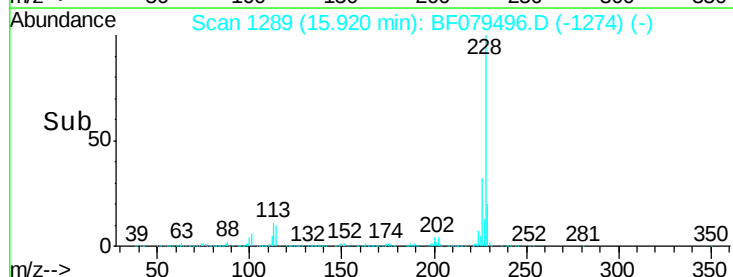
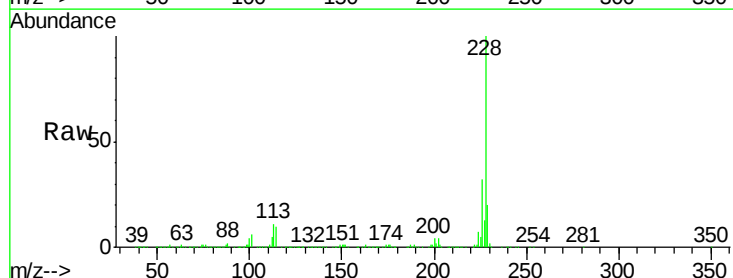
Manual Integrations
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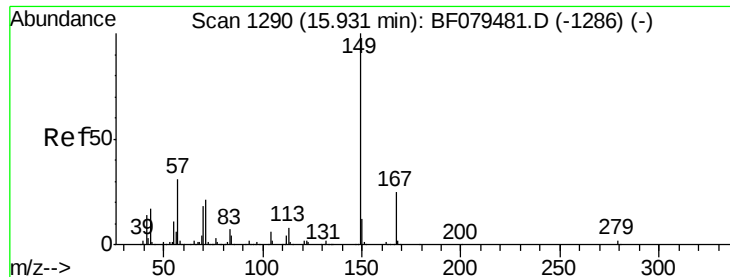
apatel
 5/27/2015 2:01:50 PM



#82
 Chrysene
 Concen: 49.03 ng
 RT: 15.92 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.9	25.0	37.4	
229	20.0	15.9	23.9	





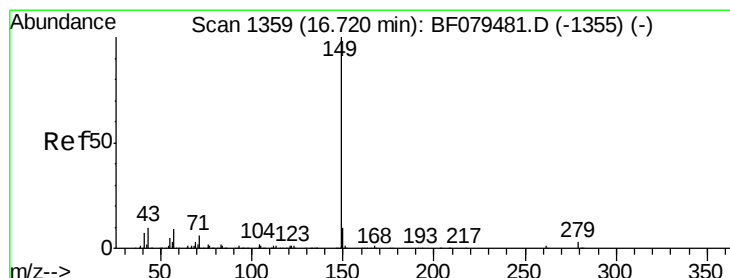
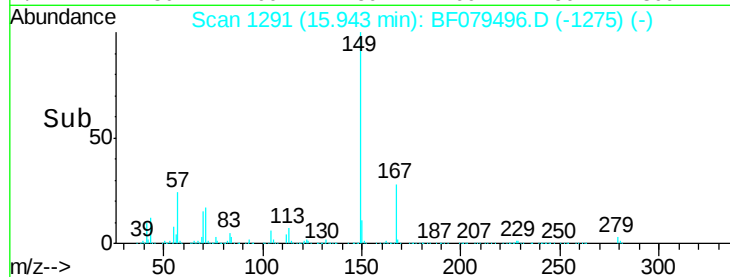
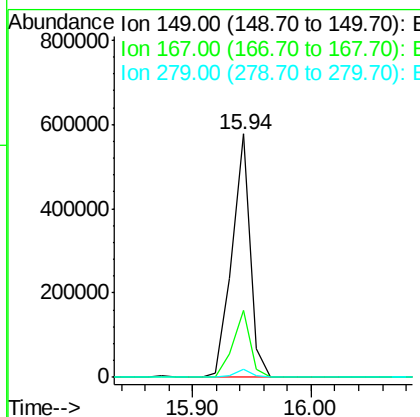
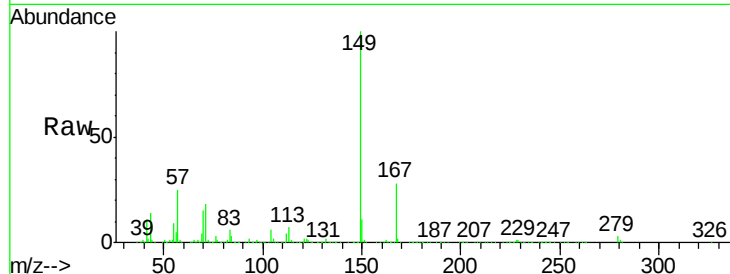
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.21 ng
 RT: 15.94 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	609143		
167	27.5	20.2	30.4	
279	3.4	2.0	3.0	

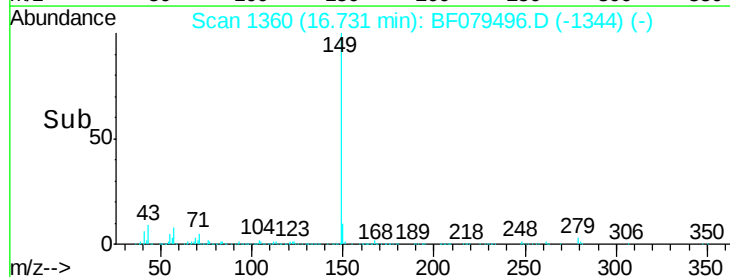
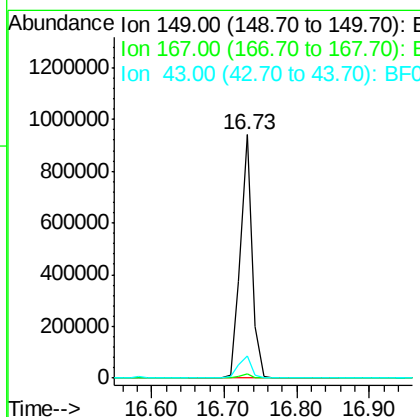
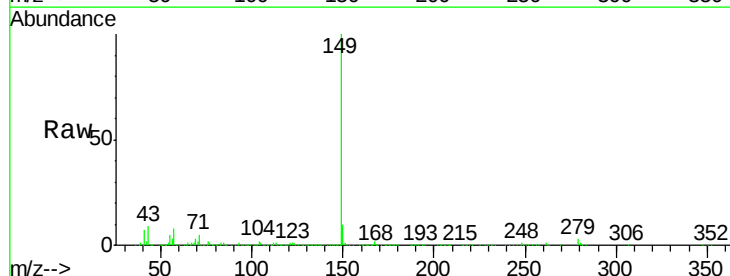
Manual Integrations
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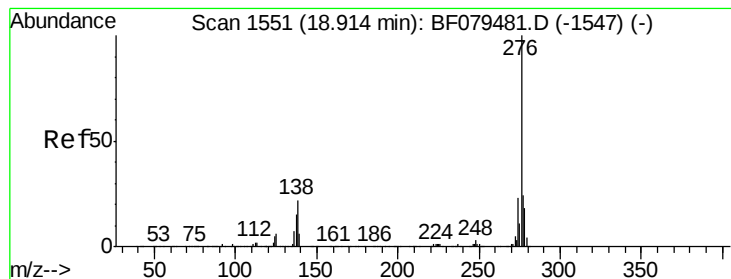
apatel
 5/27/2015 2:01:50 PM



#84
 Di-n-octyl phthalate
 Concen: 46.99 ng
 RT: 16.73 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF079496.D
 Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1055163		
167	1.6	1.2	1.8	
43	9.6	7.8	11.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.94 ng

RT: 18.94 min Scan# 1553

Delta R.T. 0.02 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

Tot Ion:276 Resp: 1090022

Ion Ratio Lower Upper

276 100

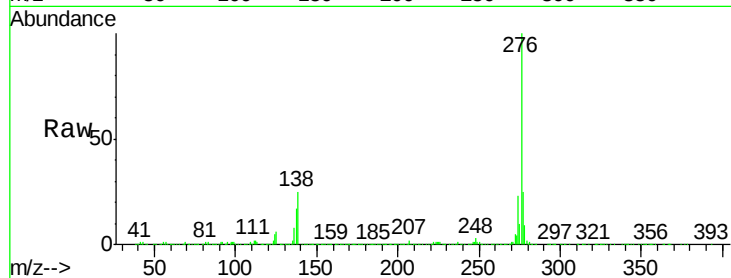
138 27.5 21.4 32.2

277 25.3 19.8 29.6

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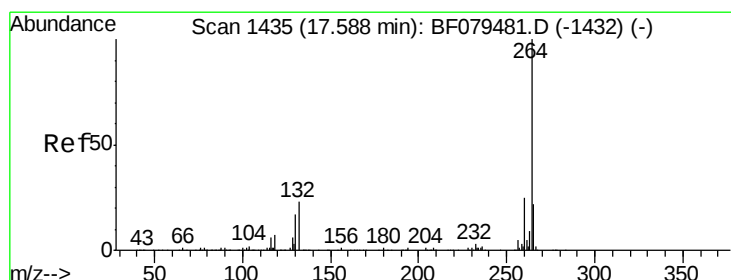
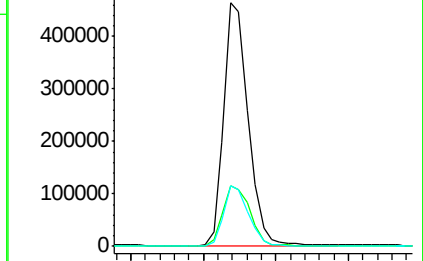
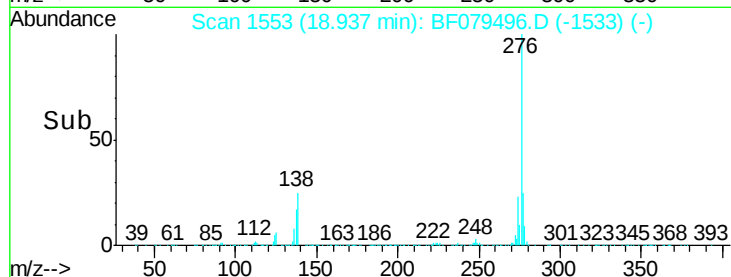
5/27/2015 2:01:50 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.61 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

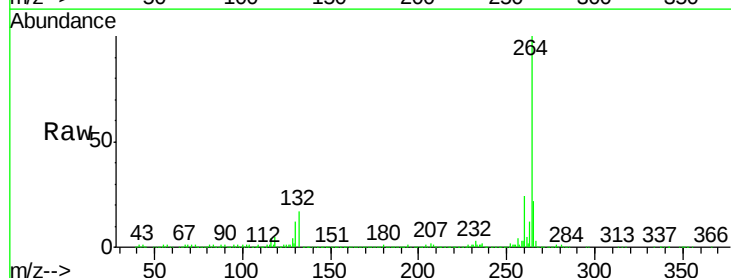
Tgt Ion:264 Resp: 341946

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

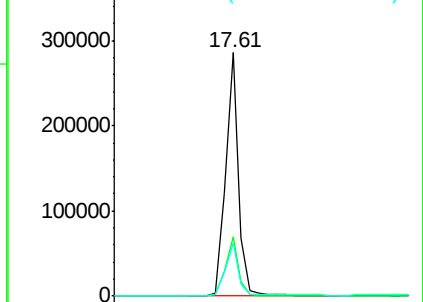
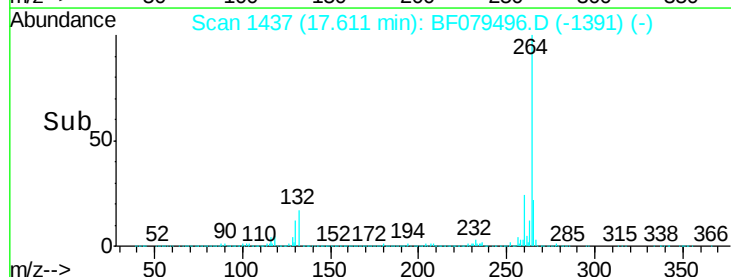
265 21.7 17.8 26.6

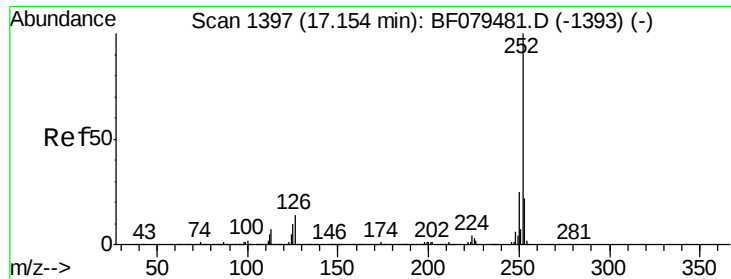


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





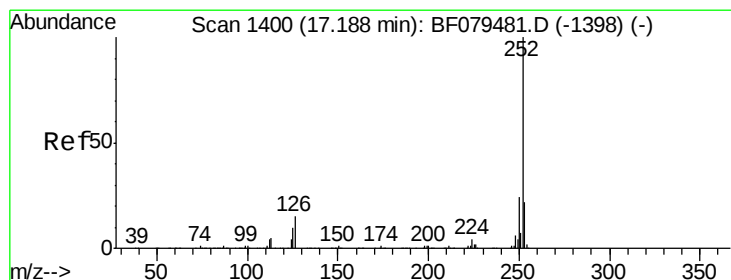
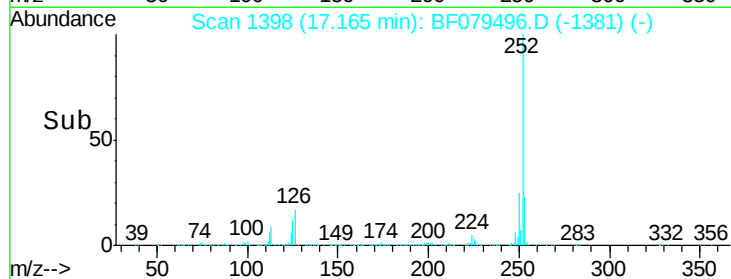
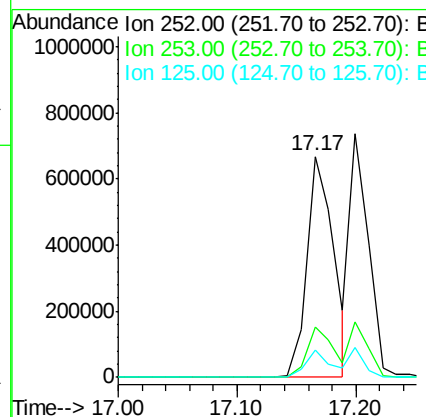
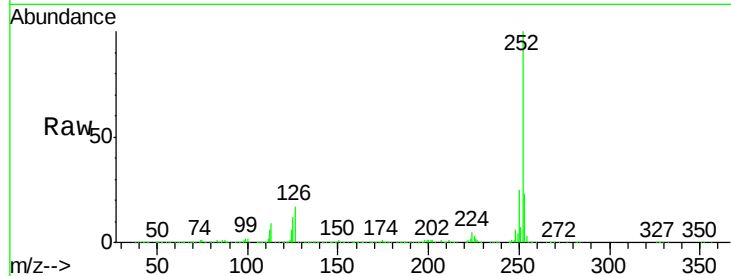
#87
Benzo(b)fluoranthene
Concen: 53.90 ng
RT: 17.17 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	12.4	7.8	11.6

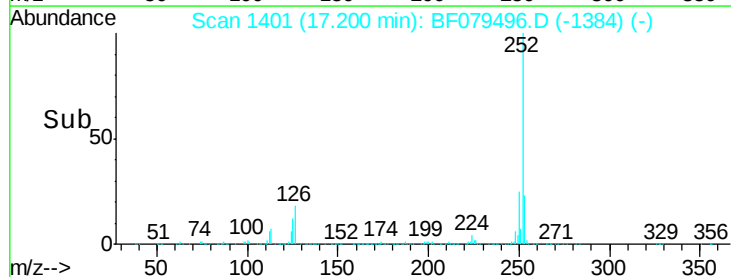
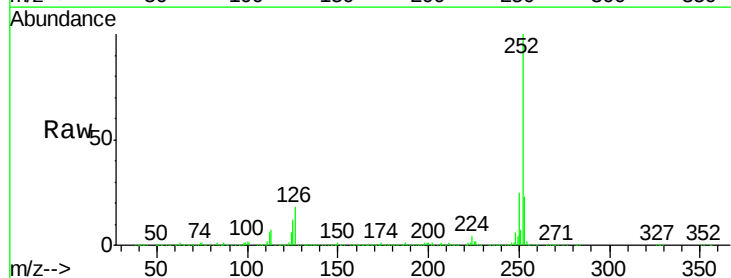
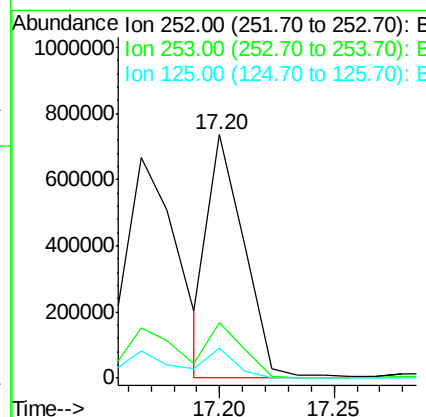
Manual Integrations
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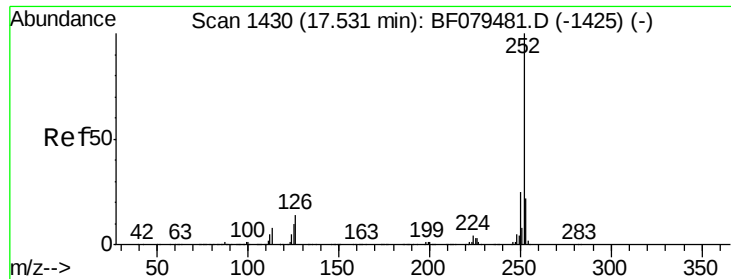
apatel
5/27/2015 2:01:50 PM



#88
Benzo(k)fluoranthene
Concen: 46.67 ng m
RT: 17.20 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.4	6.8	10.2





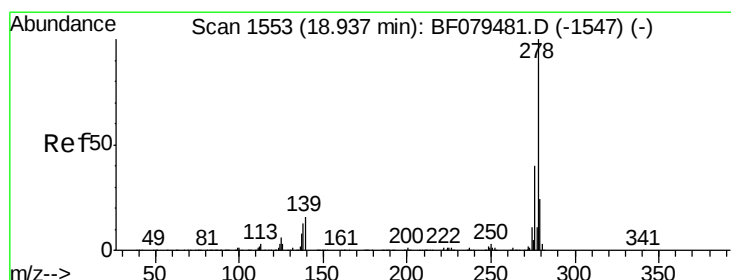
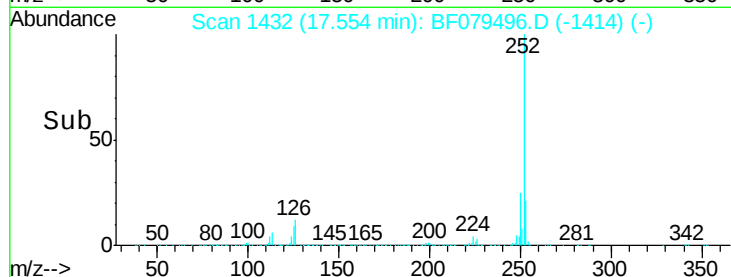
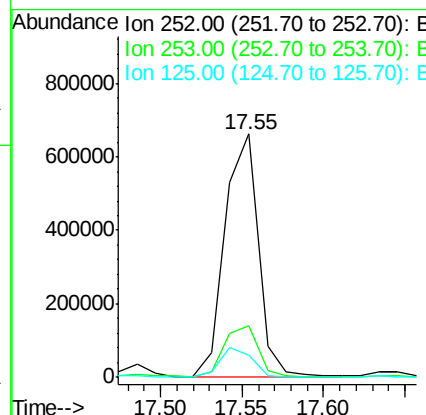
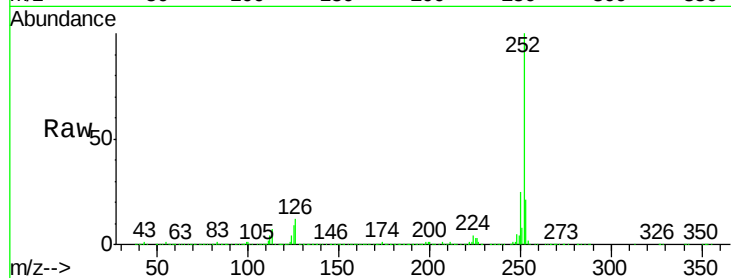
#89
Benzo(a)pyrene
Concen: 54.97 ng
RT: 17.55 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	932761		
253	21.4		17.8	26.8
125	9.0		7.9	11.9

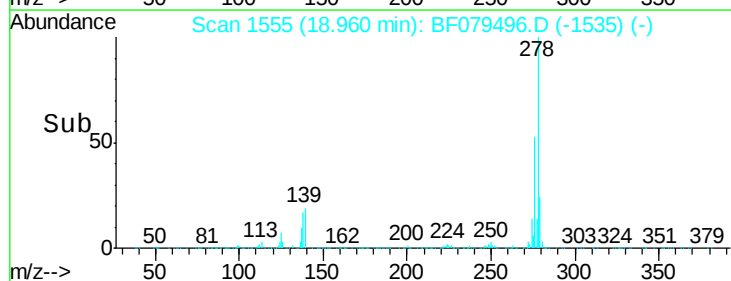
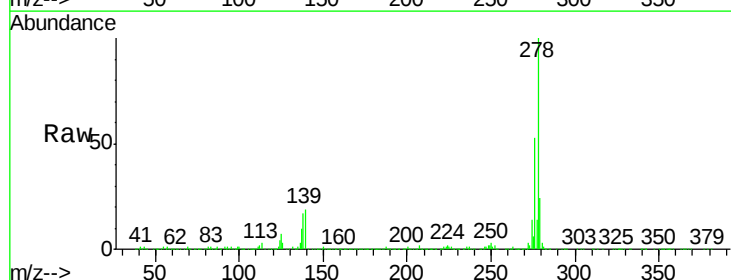
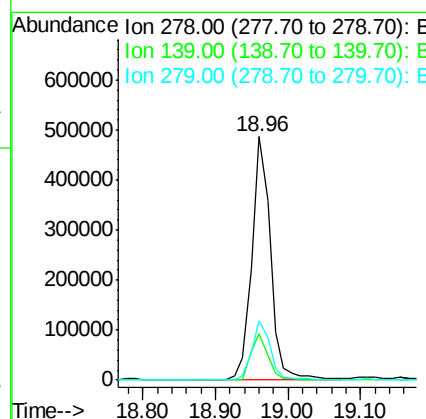
Manual Integrations
APPROVED

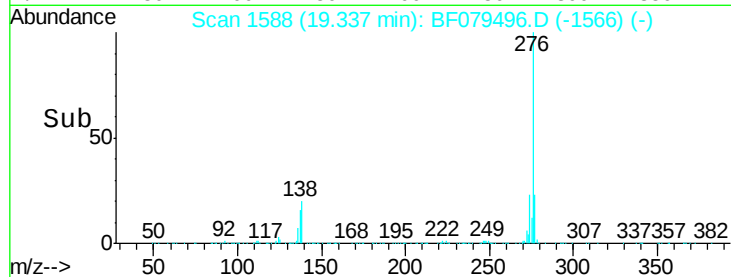
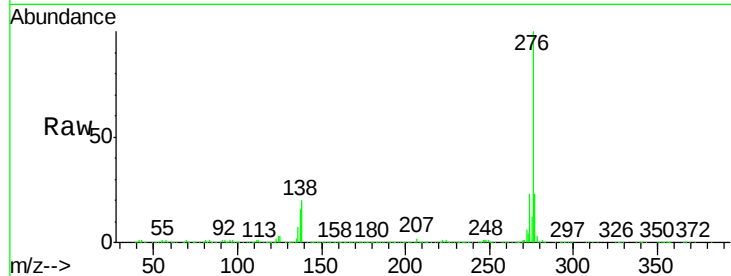
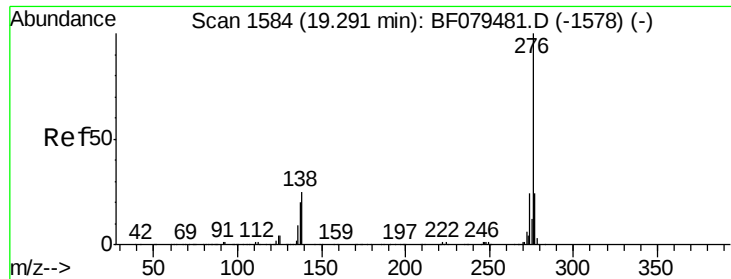
apatel
5/27/2015 2:01:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.12 ng
RT: 18.96 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF079496.D
Acq: 27 May 2015 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	876329		
139	19.2		12.8	19.2
279	24.3		19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 51.55 ng

RT: 19.34 min Scan# 1588

Delta R.T. 0.05 min

Lab File: BF079496.D

Acq: 27 May 2015 1:55

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

Tot Ion:	276	Resp:	926712
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.1	28.7
138	20.0	20.1	30.1#

Manual Integrations
APPROVED

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5/27/2015 2:01:50 PM

