

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090680.D
 Acq On : 20 Oct 2016 14:20
 Operator : UM/SJ
 Sample : PB94156BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Manual Integrations
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 10/21/2016 6:58:20 PM

Quant Time: Oct 20 18:47:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 18:12:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	229423m	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1051339m	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	565593	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	895176	20.00	ng	0.00
75) Chrysene-d12	14.05	240	706043	20.00	ng	0.00
86) Perylene-d12	15.49	264	408869	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1664009	132.97	ng	0.02
7) Phenol-d6	6.52	99	2067759	111.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	1368809	72.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	516653	102.46	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2485440	72.41	ng	0.00
78) Terphenyl-d14	13.00	244	2230275	73.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	217326	30.47	ng	99
3) Pyridine	3.32	79	613676m	38.39	ng	
4) n-Nitrosodimethylamine	3.27	42	238012	42.55	ng	98
6) Aniline	6.54	93	502088m	22.34	ng	
8) 2-Chlorophenol	6.67	128	658412	40.57	ng	90
9) Benzaldehyde	6.43	77	41196m	3.48	ng	
10) Phenol	6.53	94	735895	34.60	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	665585	37.93	ng	94
12) 1,3-Dichlorobenzene	6.82	146	590045m	36.46	ng	
13) 1,4-Dichlorobenzene	6.90	146	627782	35.67	ng	97
14) 1,2-Dichlorobenzene	7.05	146	607873	36.94	ng	95
15) Benzyl Alcohol	7.02	79	519145	40.99	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	933445	37.80	ng	91
17) 2-Methylphenol	7.15	107	456835	36.12	ng	97
18) Hexachloroethane	7.39	117	247588m	35.60	ng	
19) n-Nitroso-di-n-propylamine	7.30	70	502357m	39.40	ng	
20) 3+4-Methylphenols	7.30	107	630620	41.13	ng	# 81
22) Acetophenone	7.30	105	858455	36.96	ng	95
24) Nitrobenzene	7.47	77	742278	38.22	ng	# 90
25) Isophorone	7.71	82	1393662	40.46	ng	97
26) 2-Nitrophenol	7.79	139	311386	35.34	ng	# 85
27) 2,4-Dimethylphenol	7.82	122	548820	37.53	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	770141	37.86	ng	99
29) 2,4-Dichlorophenol	8.03	162	501189	39.13	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	513416	34.22	ng	97
31) Naphthalene	8.19	128	1822774	34.03	ng	99
32) Benzoic acid	7.96	122	319055	35.52	ng	96
33) 4-Chloroaniline	8.25	127	289252	14.13	ng	94
34) Hexachlorobutadiene	8.30	225	264524	31.56	ng	99
35) Caprolactam	8.61	113	156263m	43.72	ng	
36) 4-Chloro-3-methylphenol	8.73	107	550870	37.28	ng	95
37) 2-Methylnaphthalene	8.89	142	1202978	38.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	485194	32.35	ng	99
40) Hexachlorocyclopentadiene	9.03	237	534379	72.94	ng	98

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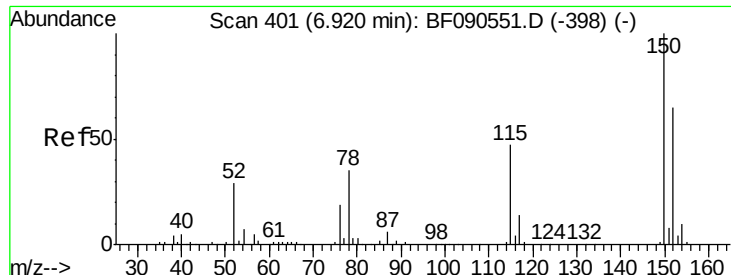
Manual Integrations
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Quant Time: Oct 20 18:47:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 18:12:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	330711	39.10	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	345792	34.27	nq	98
45) 1,1'-Biphenyl	9.34	154	1368130	31.79	nq	97
46) 2-Chloronaphthalene	9.38	162	1114480	34.73	nq	93
47) 2-Nitroaniline	9.47	65	413722	35.56	nq	89
48) Acenaphthylene	9.79	152	1746413	34.17	nq	99
49) Dimethylphthalate	9.65	163	1295910	35.31	nq	99
50) 2,6-Dinitrotoluene	9.71	165	263239	32.78	nq	# 61
51) Acenaphthene	9.96	154	1257162	37.01	nq	99
52) 3-Nitroaniline	9.88	138	169922	16.86	nq	93
53) 2,4-Dinitrophenol	9.99	184	282823	65.95	nq	# 61
54) Dibenzofuran	10.13	168	1507010	33.73	nq	93
55) 4-Nitrophenol	10.05	139	435032	71.74	nq	96
56) 2,4-Dinitrotoluene	10.12	165	418896	38.41	nq	90
57) Fluorene	10.47	166	1230763	33.39	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	268712	31.97	nq	# 91
59) Diethylphthalate	10.35	149	1289132	34.64	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	538981	31.02	nq	# 83
61) 4-Nitroaniline	10.50	138	289002	28.60	nq	93
62) Azobenzene	10.62	77	1564534	36.34	nq	92
64) 4,6-Dinitro-2-methylphenol	10.53	198	175374	32.37	nq	88
65) n-Nitrosodiphenylamine	10.59	169	1077435	36.44	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	304634	31.71	nq	# 80
67) Hexachlorobenzene	11.02	284	372037	35.67	nq	# 85
68) Atrazine	11.11	200	286863	35.08	nq	99
69) Pentachlorophenol	11.22	266	412663	79.84	nq	96
70) Phenanthrene	11.43	178	1581151	33.09	nq	99
71) Anthracene	11.49	178	1842319	35.82	nq	99
72) Carbazole	11.64	167	1511314	32.83	nq	98
73) Di-n-butylphthalate	11.97	149	1850366	34.31	nq	# 97
74) Fluoranthene	12.62	202	1597933	33.25	nq	95
76) Benzidine	12.75	184	405984	23.11	nq	96
77) Pyrene	12.85	202	1590112	34.00	nq	99
79) Butylbenzylphthalate	13.47	149	805554	38.88	nq	# 79
80) Benzo(a)anthracene	14.04	228	1390457	34.59	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	315837	23.00	nq	99
82) Chrysene	14.08	228	1303473	33.66	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1133679	40.56	nq	# 95
84) Di-n-octyl phthalate	14.65	149	1721995	45.95	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.93	276	881443	39.36	nq	98
87) Benzo(b)fluoranthene	15.08	252	962358	35.97	nq	98
88) Benzo(k)fluoranthene	15.12	252	1049243m	36.45	nq	
89) Benzo(a)pyrene	15.44	252	876094	35.77	nq	99
90) Dibenzo(a,h)anthracene	16.94	278	745917	39.93	nq	98
91) Benzo(g,h,i)perylene	17.36	276	708534	39.78	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.89 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

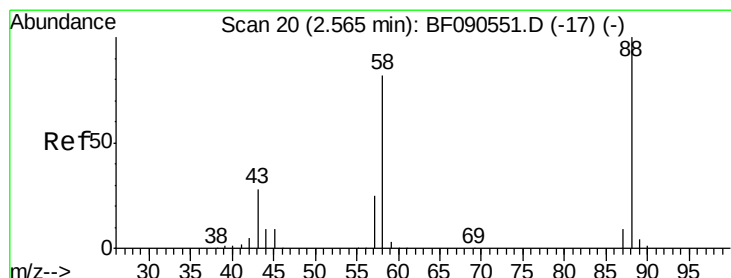
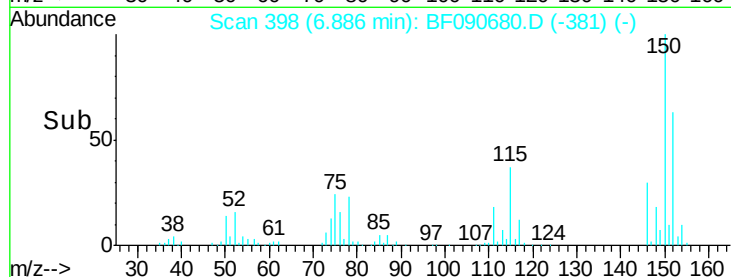
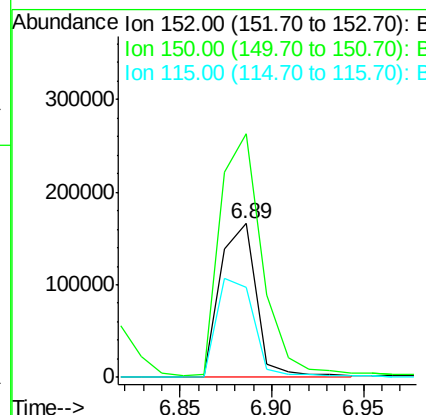
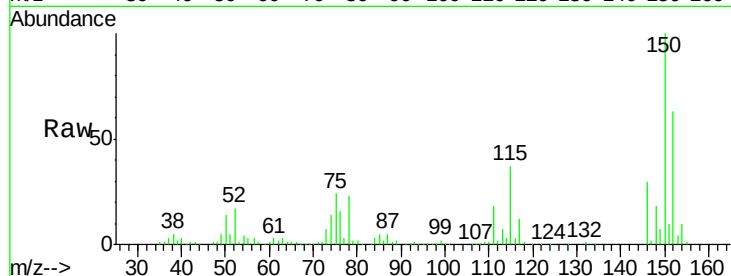
ClientSampleId :

PB94156BS

Tot Ion:	152	Resp:	229423
Ion Ratio	Lower	Upper	
152	100		
150	158.7	127.2	190.8
115	58.5	58.6	88.0#

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#2

1,4-Dioxane

Concen: 30.47 ng

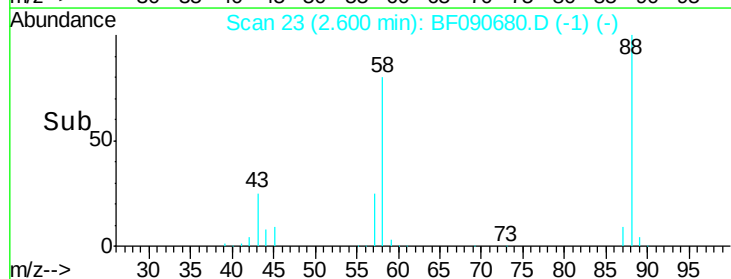
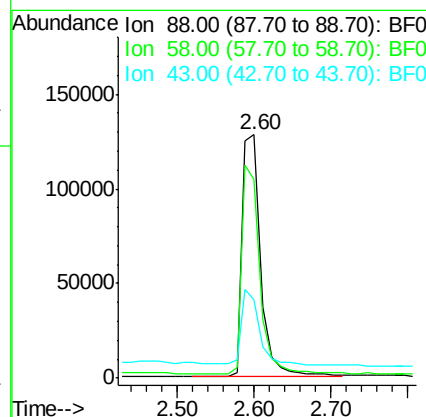
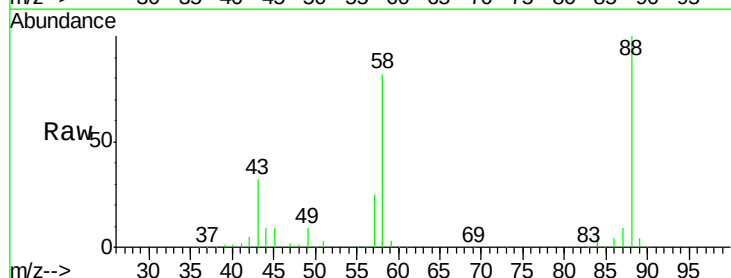
RT: 2.60 min Scan# 23

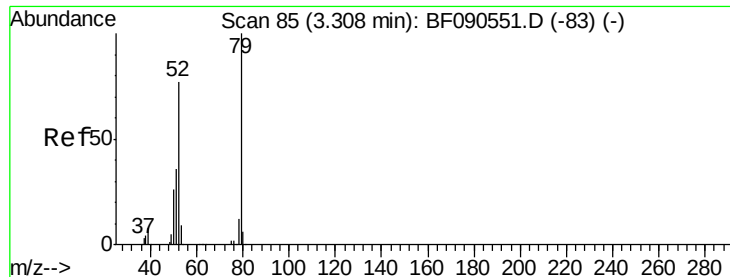
Delta R.T. 0.10 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Tgt Ion:	88	Resp:	217326
Ion Ratio	Lower	Upper	
88	100		
58	82.5	67.2	100.8
43	30.6	24.1	36.1





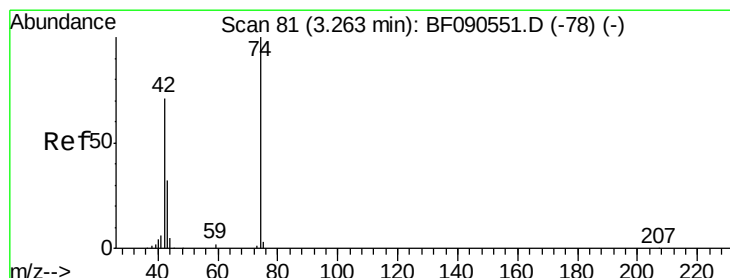
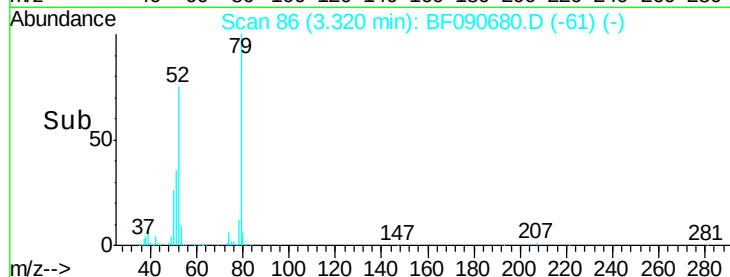
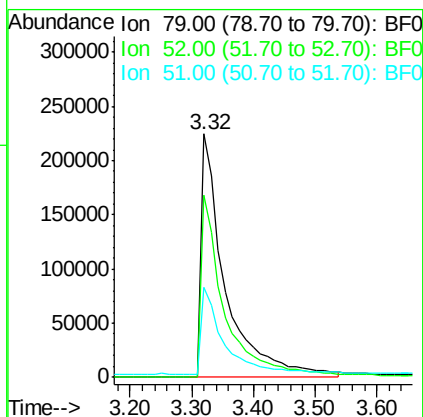
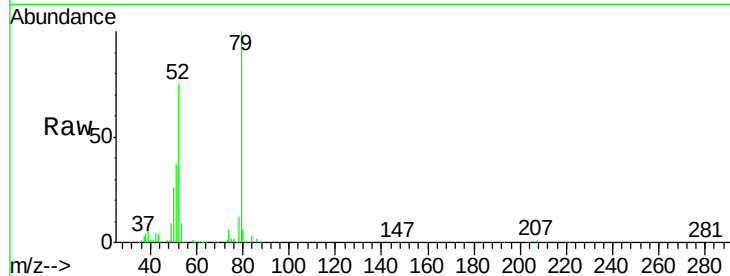
#3
 Pvridine
 Concen: 38.39 ng/ml
 RT: 3.32 min Scan# 86
 Delta R.T. 0.09 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.8	61.8	92.8
51	36.9	29.2	43.8

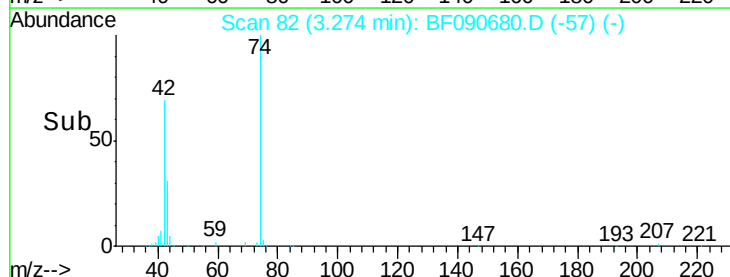
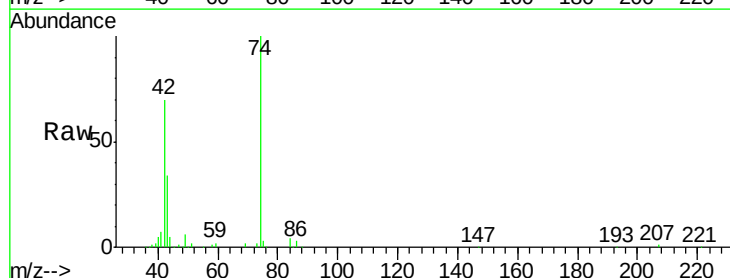
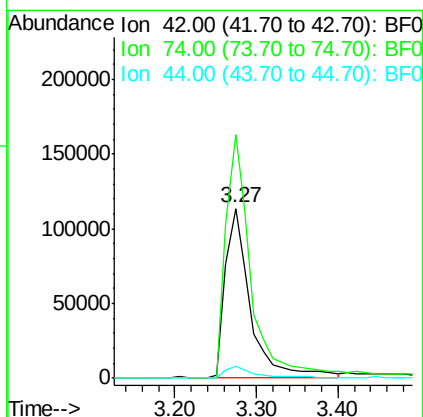
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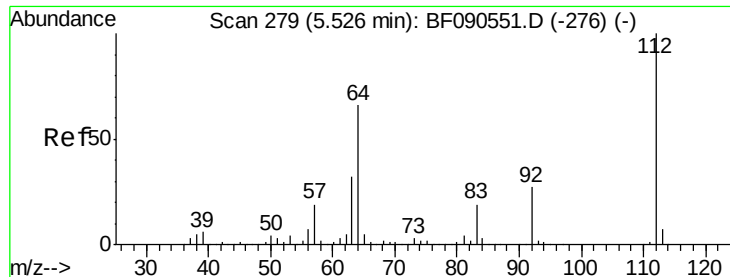
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#4
 n-Nitrosodimethylamine
 Concen: 42.55 ng/ml
 RT: 3.27 min Scan# 82
 Delta R.T. 0.09 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.6	113.3	169.9
44	7.4	6.0	9.0





#5

2-Fluorophenol

Concen: 132.97 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampled :

PB94156BS

Tot Ion:112 Resp: 1664009

Ion Ratio Lower Upper

112 100

64 52.3 52.6 78.8#

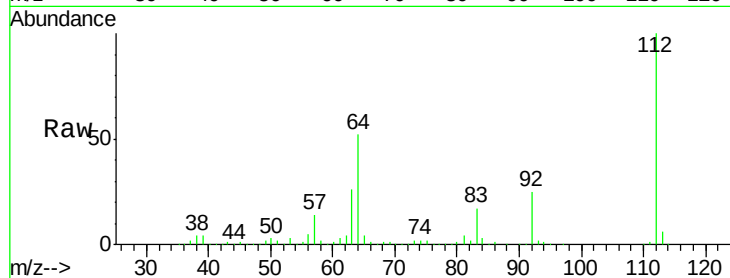
63 25.7 26.0 39.0#

Manual Integrations

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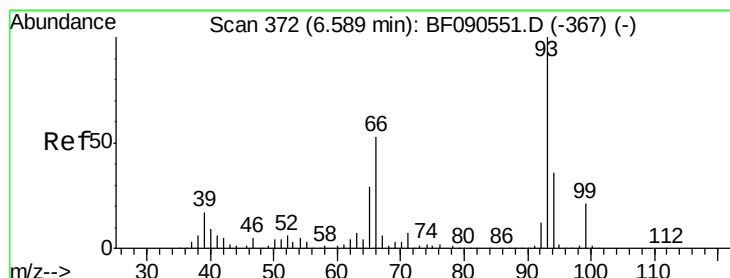
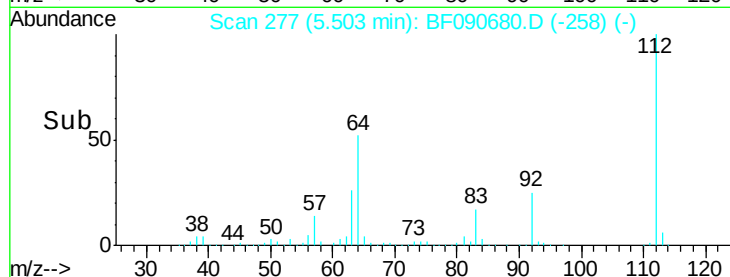
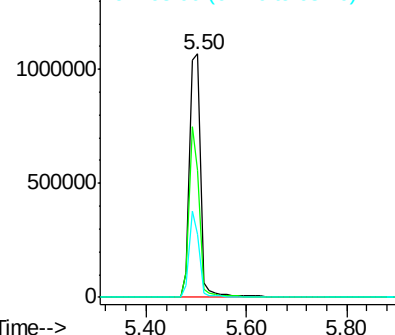
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.34 ng m

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

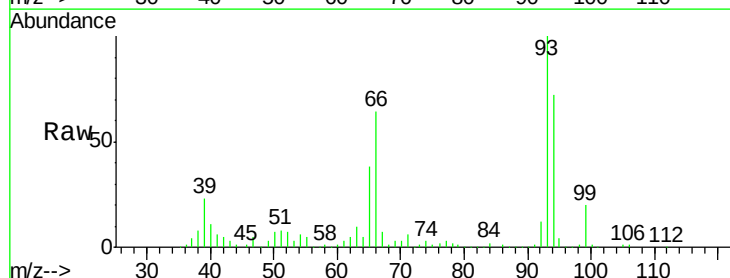
Tgt Ion: 93 Resp: 502088

Ion Ratio Lower Upper

93 100

66 64.0 42.2 63.2#

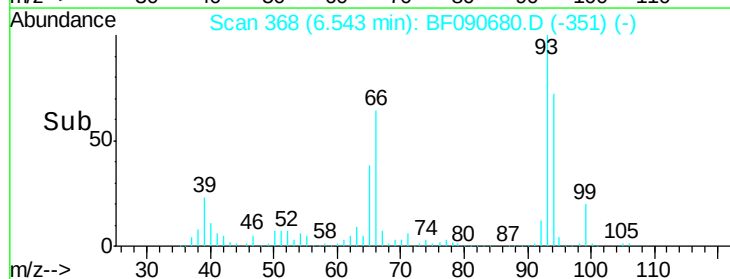
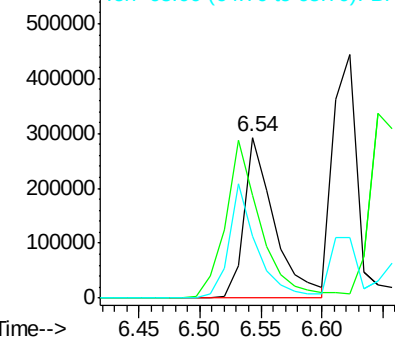
65 38.3 22.9 34.3#

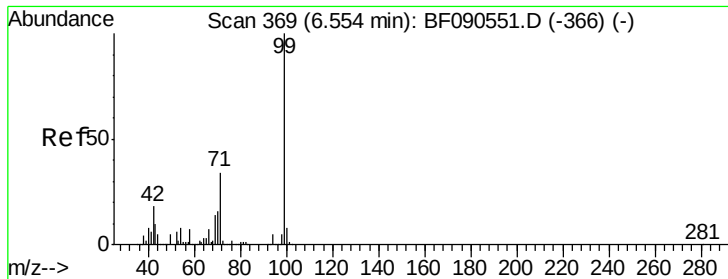


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.20 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion: 99 Resp: 2067759

Ion Ratio Lower Upper

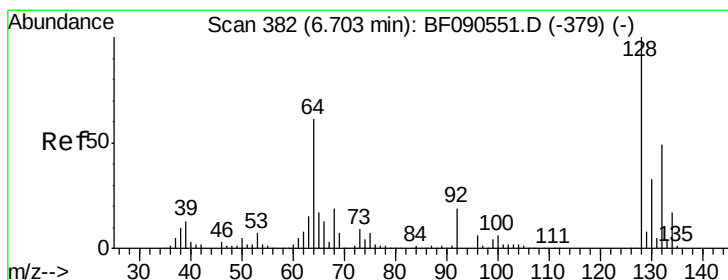
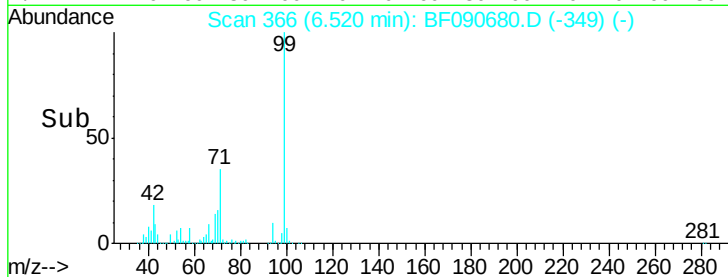
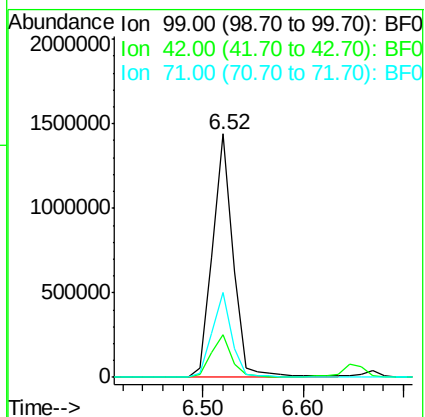
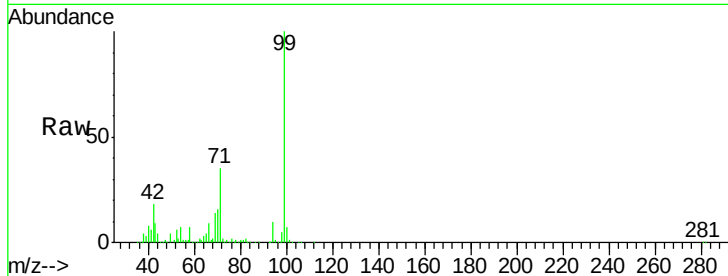
99 100

42 17.6 14.7 22.1

71 34.8 27.6 41.4

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#8

2-Chlorophenol

Concen: 40.57 ng

RT: 6.67 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

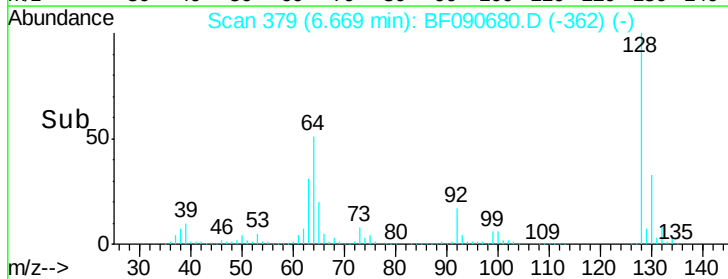
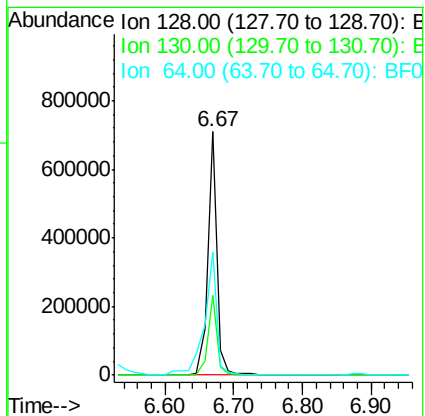
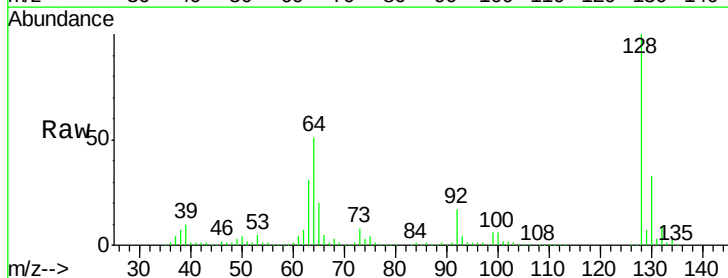
Tgt Ion: 128 Resp: 658412

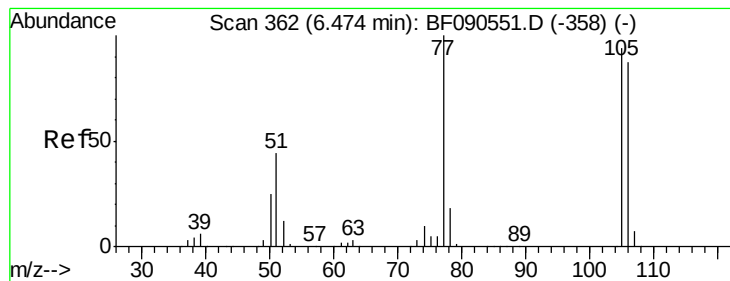
Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

64 50.8 42.6 82.6





#9

Benzaldehyde

Concen: 3.48 ng/mL

RT: 6.43 min Scan# 358

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampled :

PB94156BS

Tot Ion: 77 Resp: 41196

Ion Ratio Lower Upper

77 100

105 87.4 74.3 114.3

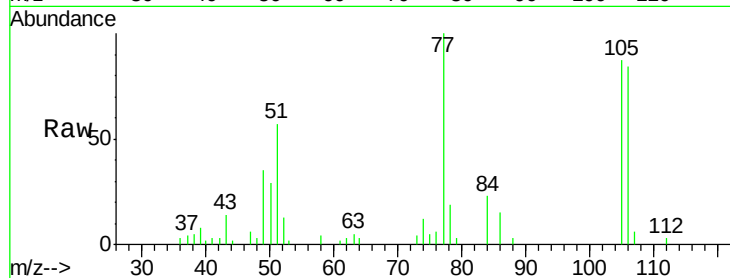
106 84.1 67.2 107.2

Manual Integrations

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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

6.43

25000

20000

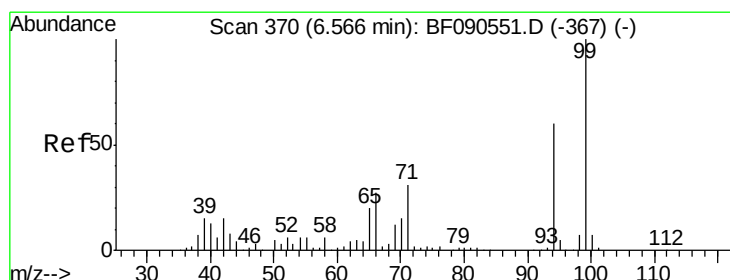
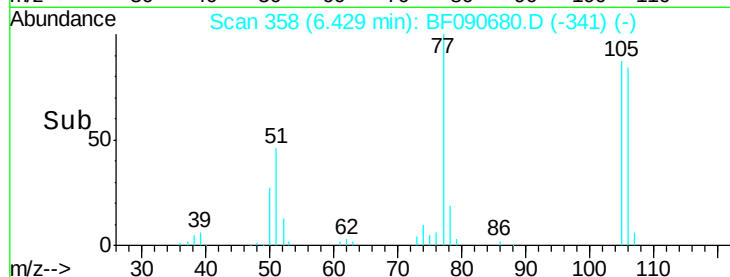
15000

10000

5000

0

Time-->



#10

Phenol

Concen: 34.60 ng/mL

RT: 6.53 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

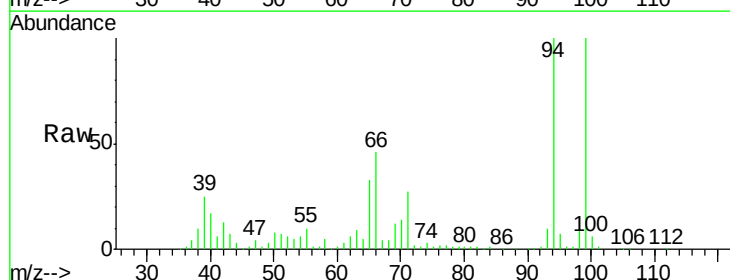
Tgt Ion: 94 Resp: 735895

Ion Ratio Lower Upper

94 100

65 33.5 12.5 52.5

66 46.3 25.5 65.5



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

6.53

800000

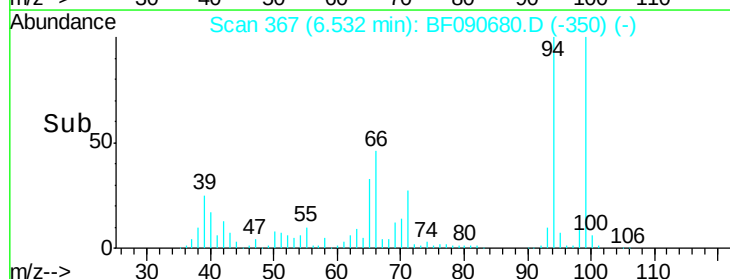
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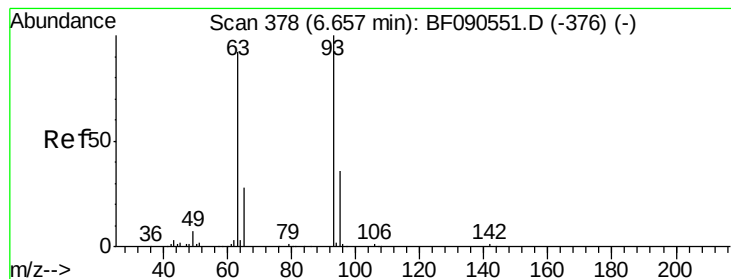
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200000

0

Time-->





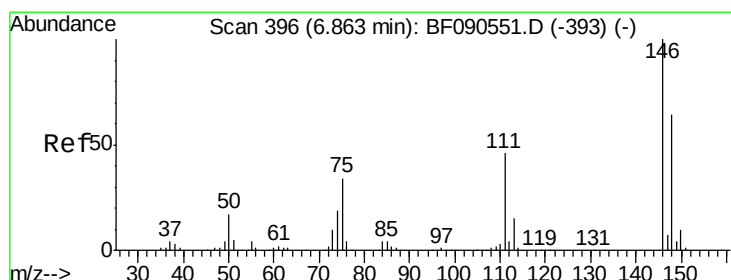
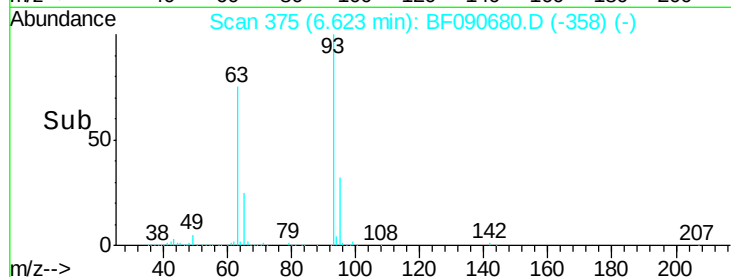
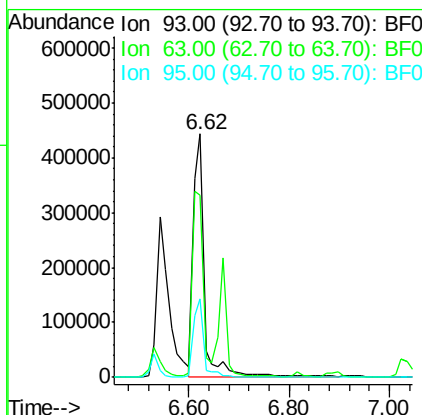
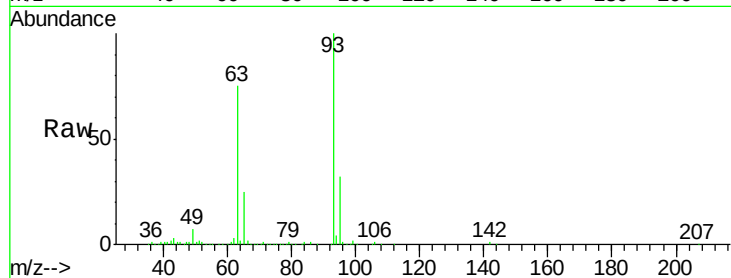
#11
bis(2-Chloroethyl)ether
Concen: 37.93 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	665585		
63	74.8		61.6	101.6
95	32.3		11.8	51.8

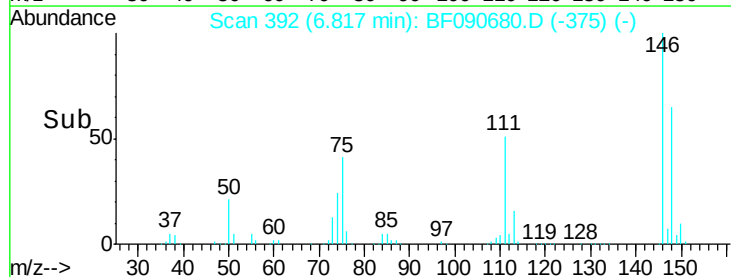
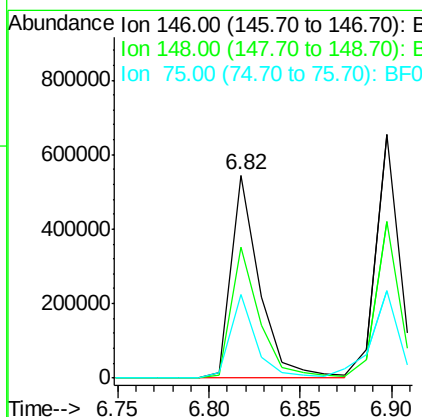
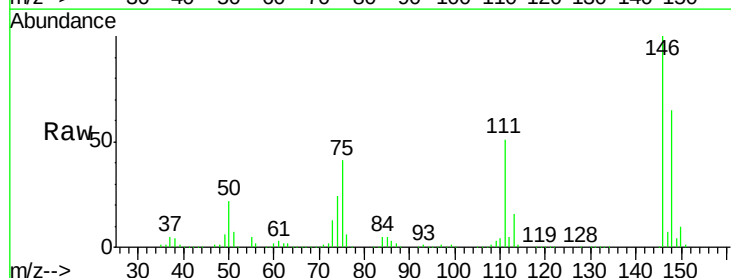
Manual Integrations
APPROVED

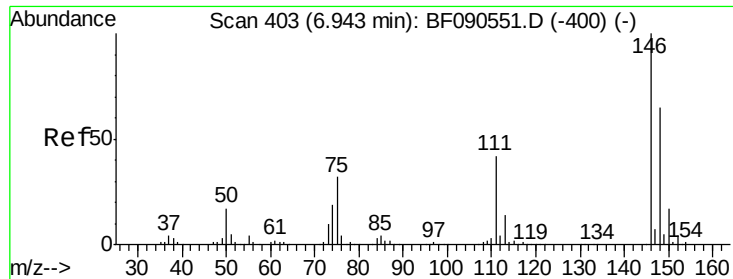
sohil
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#12
1,3-Dichlorobenzene
Concen: 36.46 ng m
RT: 6.82 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	590045		
148	64.6		51.4	77.2
75	41.3		27.0	40.6#





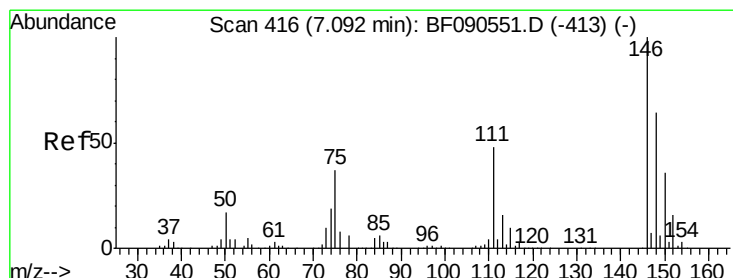
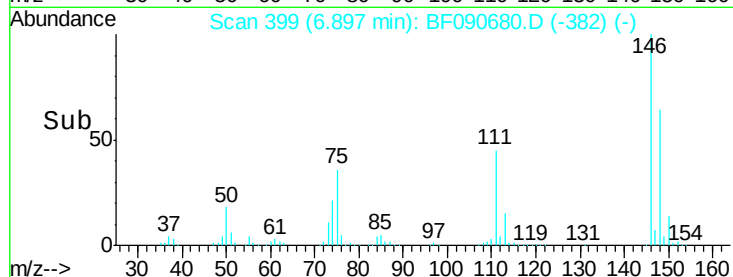
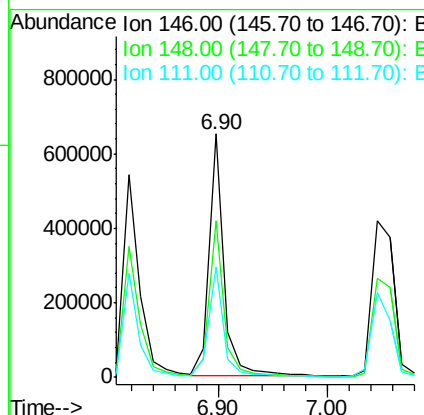
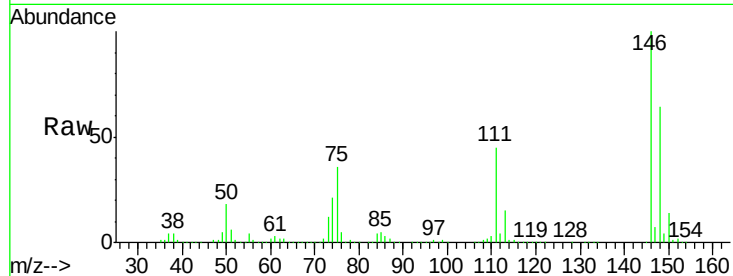
#13
1,4-Dichlorobenzene
Concen: 35.67 ng
RT: 6.90 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampled :
PB94156BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	45.5	33.7	50.5

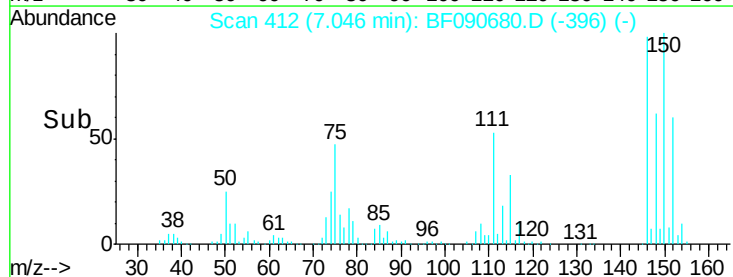
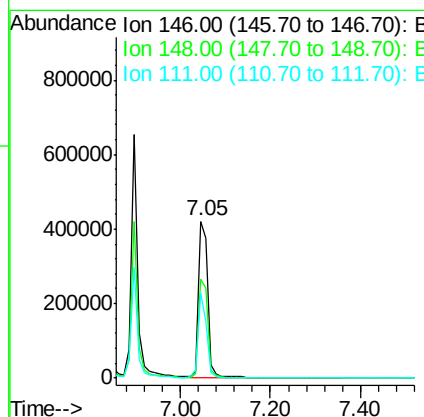
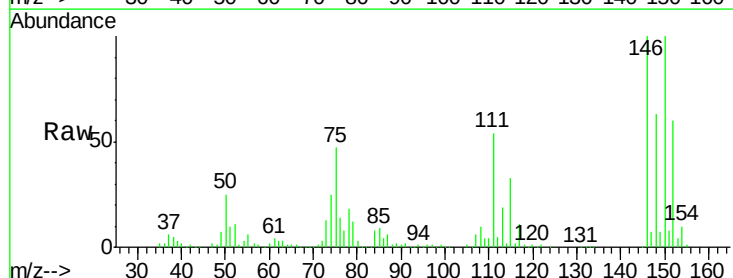
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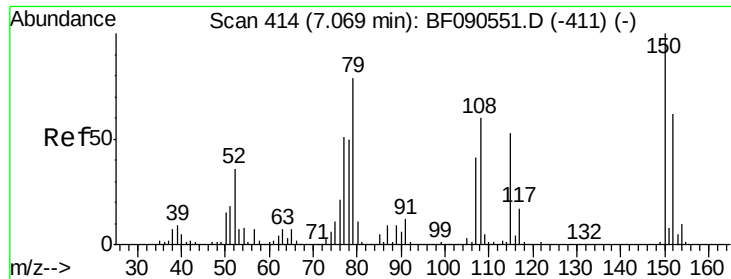
sohil
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#14
1,2-Dichlorobenzene
Concen: 36.94 ng
RT: 7.05 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
111	54.1	38.2	57.2





#15

Benzyl Alcohol

Concen: 40.99 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

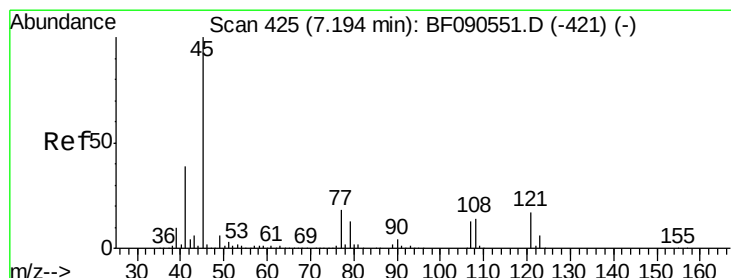
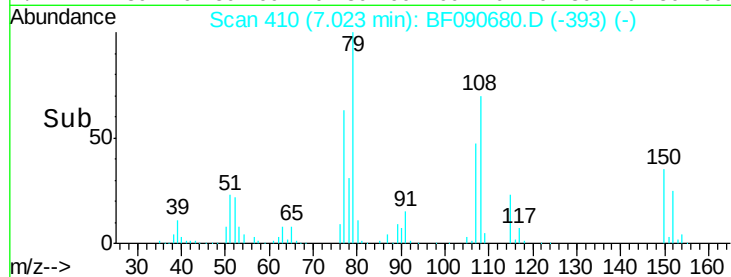
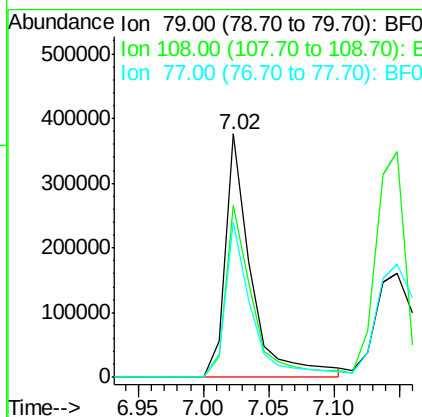
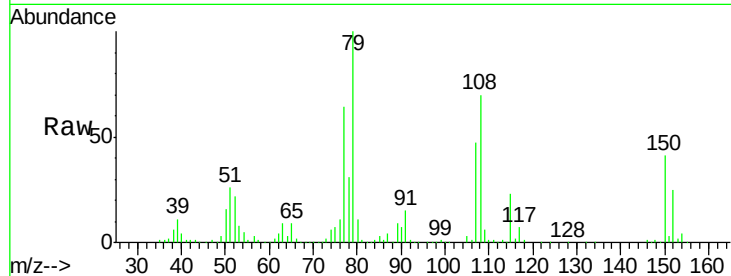
ClientSampled :

PB94156BS

Tot Ion:	79	Resp:	519145
Ion Ratio	Lower	Upper	
79	100		
108	70.5	60.2	90.4
77	63.7	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.80 ng

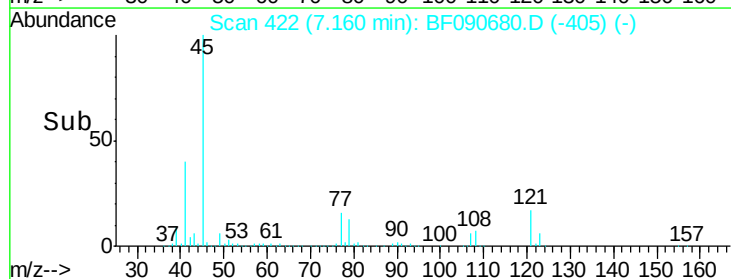
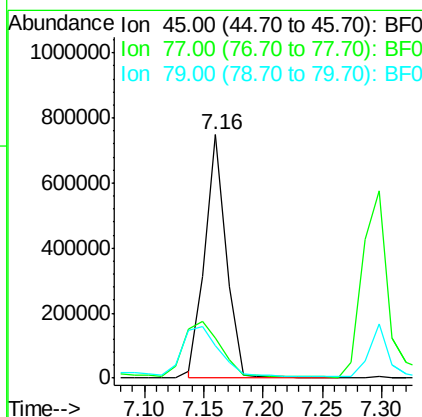
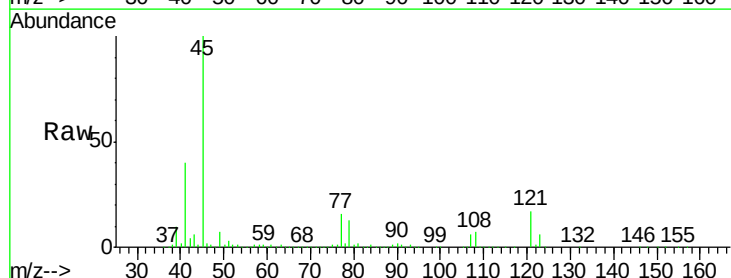
RT: 7.16 min Scan# 422

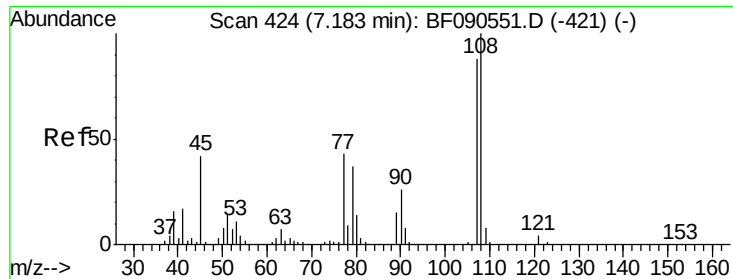
Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Tgt Ion:	45	Resp:	933445
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.9	40.9
79	13.4	0.0	37.3





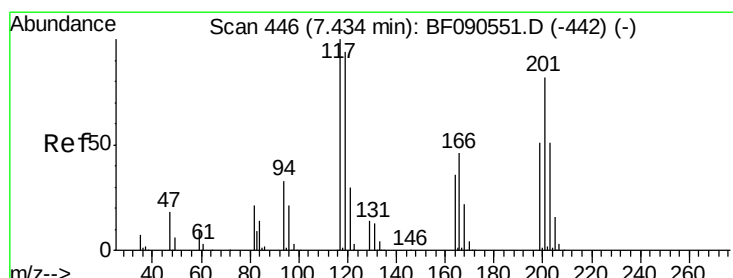
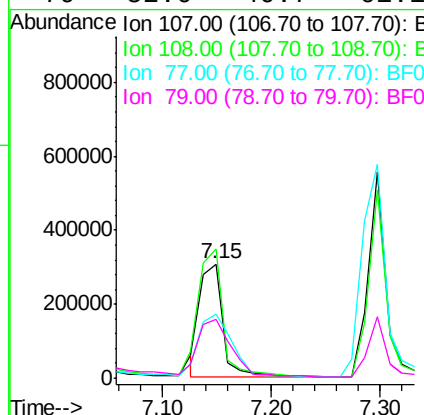
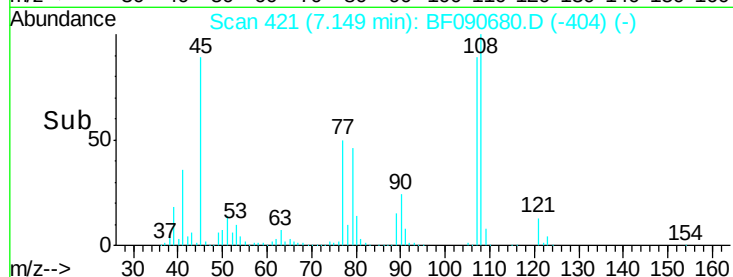
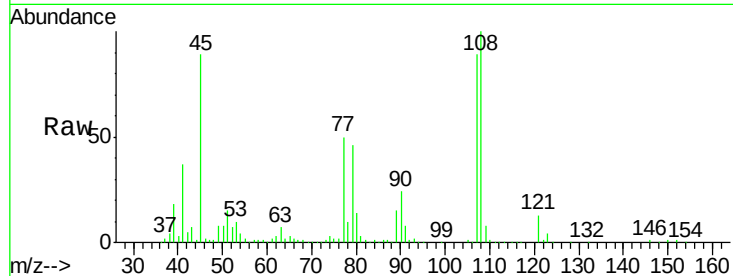
#17
2-Methylphenol
Concen: 36.12 ng
RT: 7.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampled :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	92.6	138.8	
77	56.5	42.2	63.2	
79	52.0	40.7	61.1	

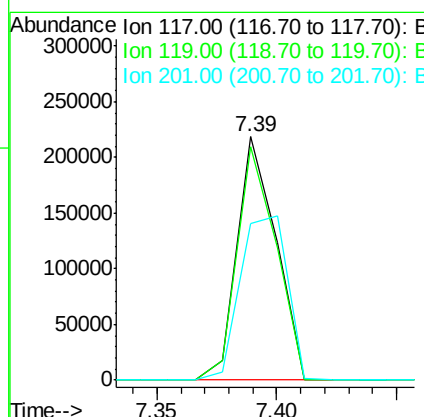
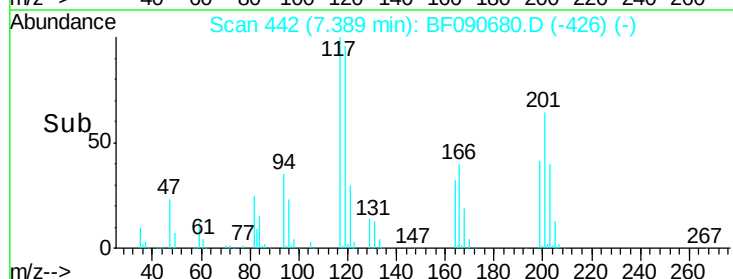
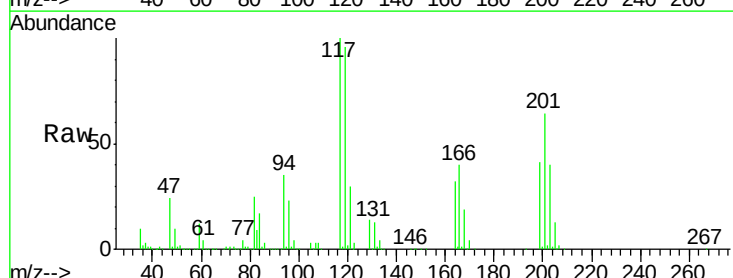
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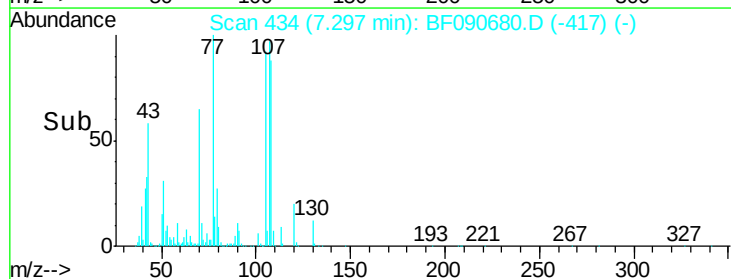
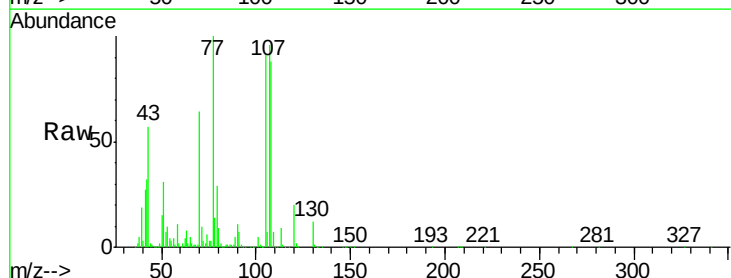
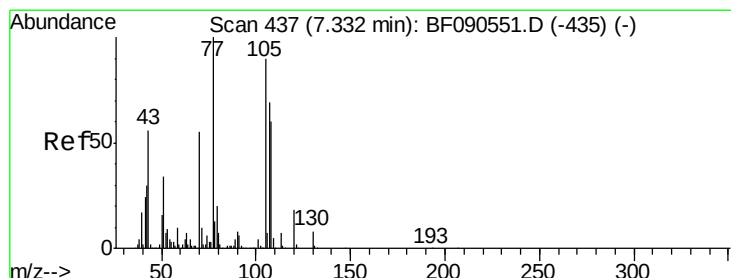
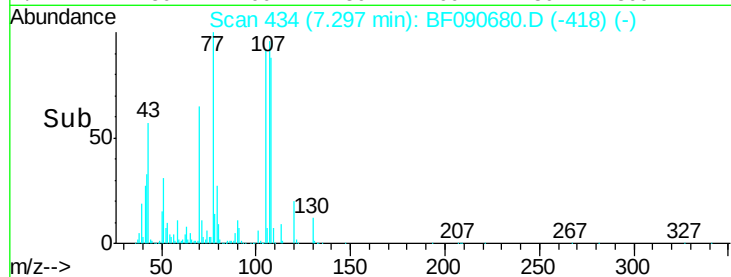
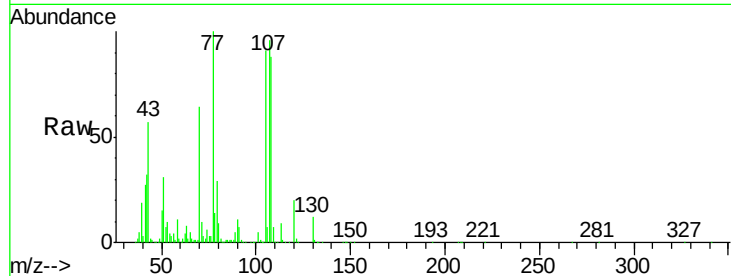
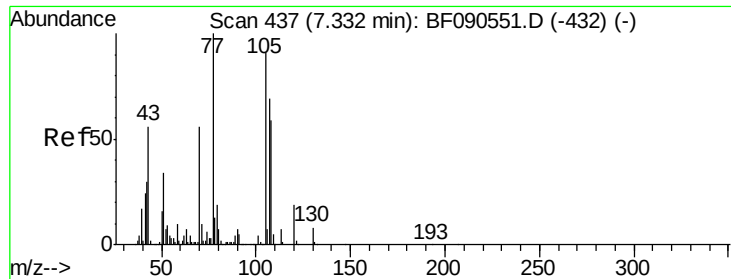
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#18
Hexachloroethane
Concen: 35.60 ng m
RT: 7.39 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	75.6	113.4	
201	64.1	65.4	98.0	





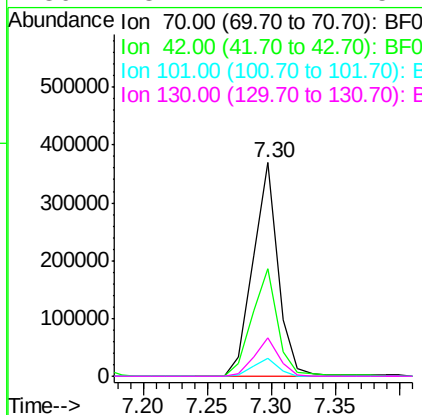
#19
n-Nitroso-di-n-propylamine
Concen: 39.40 ng/ml
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.6	43.4	65.0
101	8.5	6.4	9.6
130	18.1	12.1	18.1

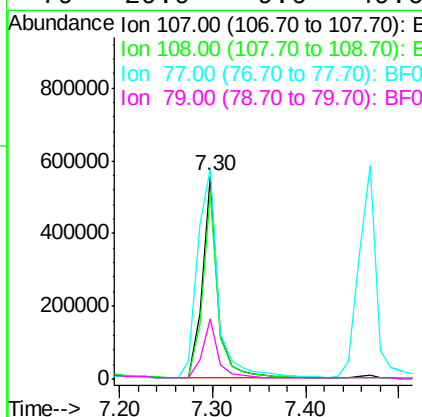
Manual Integrations
APPROVED

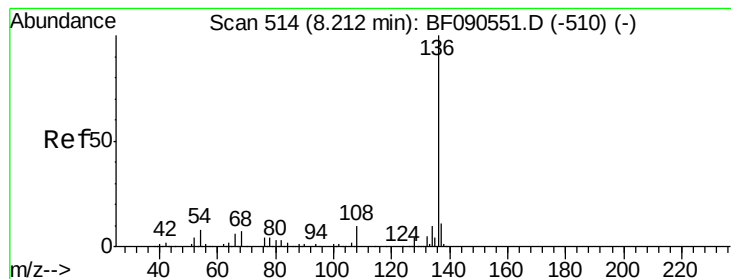
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#20
3+4-Methylphenols
Concen: 41.13 ng/ml
RT: 7.30 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	67.7	107.7
77	103.8	123.1	163.1
79	29.9	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng/mL

RT: 8.17 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:136 Resp: 1051339

Ion Ratio Lower Upper

136 100

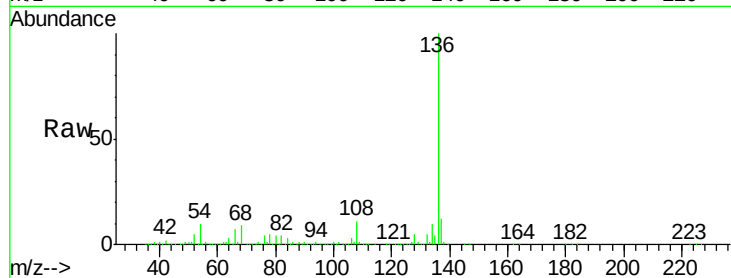
137 11.5 8.8 13.2

54 10.1 6.8 10.2

68 8.5 6.0 9.0

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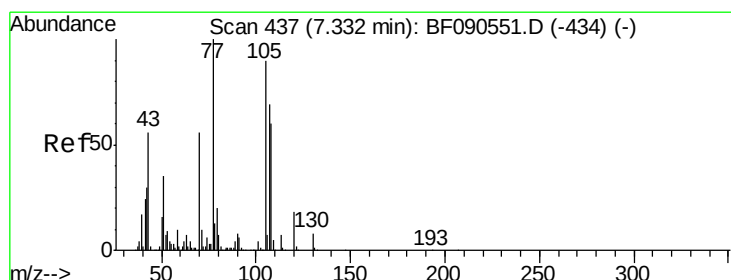
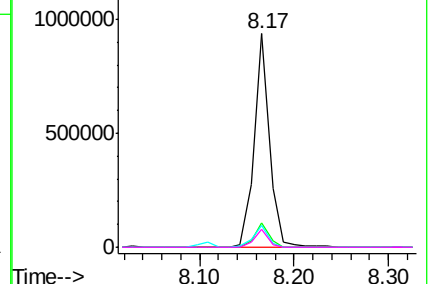
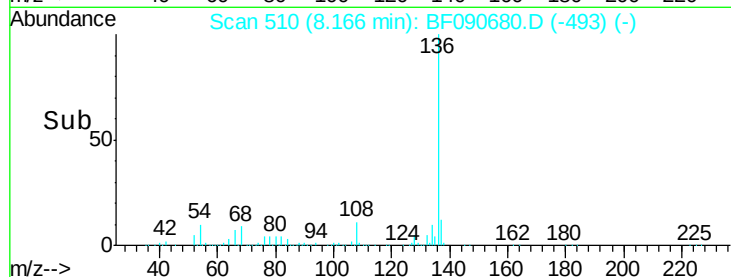


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.96 ng/mL

RT: 7.30 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Tgt Ion:105 Resp: 858455

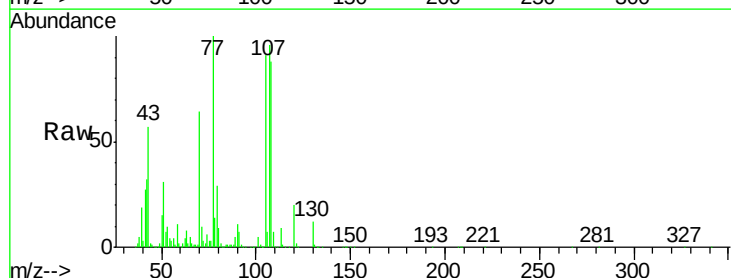
Ion Ratio Lower Upper

105 100

71 11.5 8.5 12.7

51 34.4 31.0 46.4

120 21.6 16.2 24.4

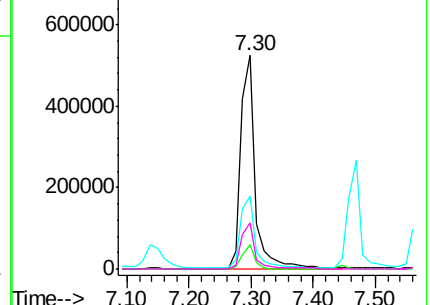
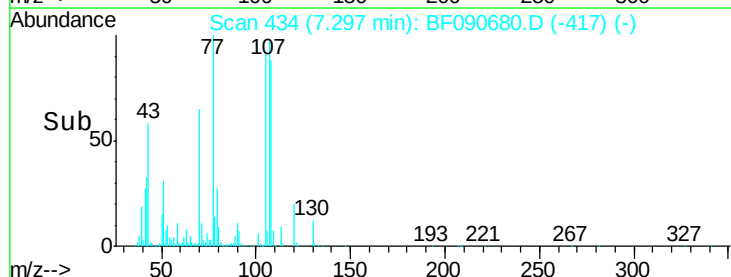


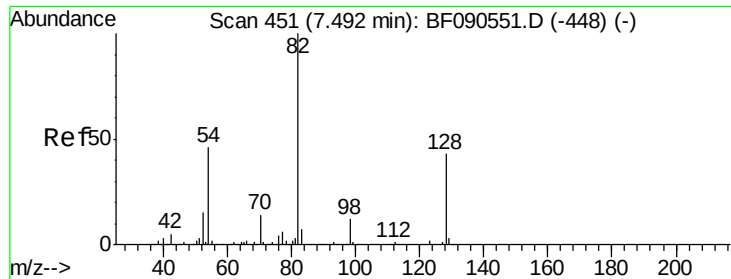
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





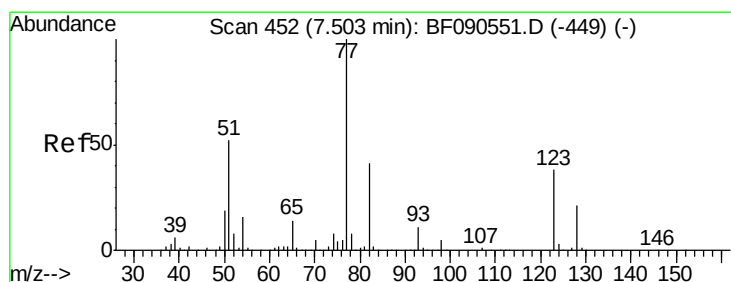
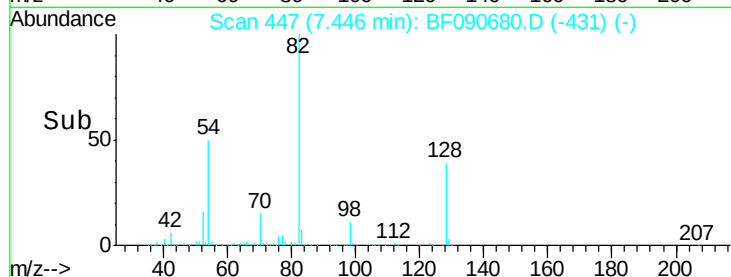
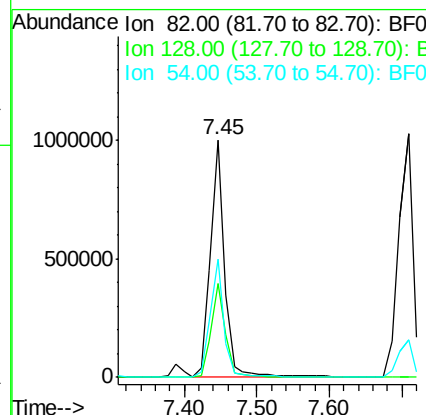
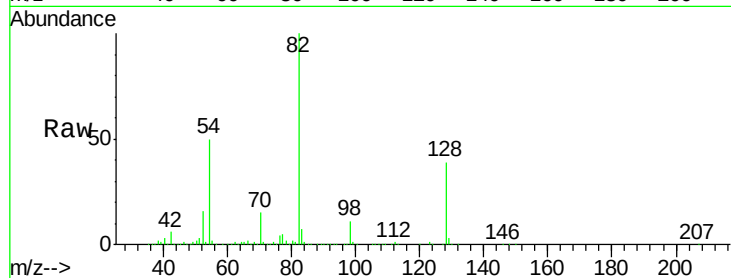
#23
Nitrobenzene-d5
Concen: 72.32 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.3	51.5
54	49.9	37.0	55.6

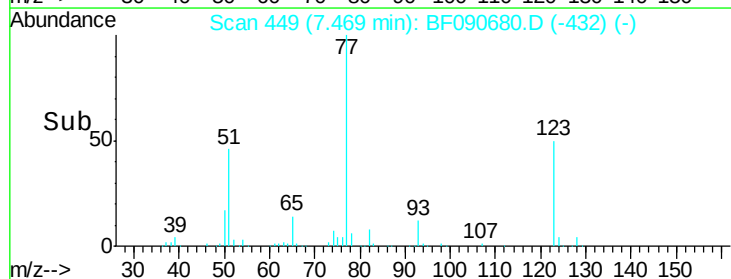
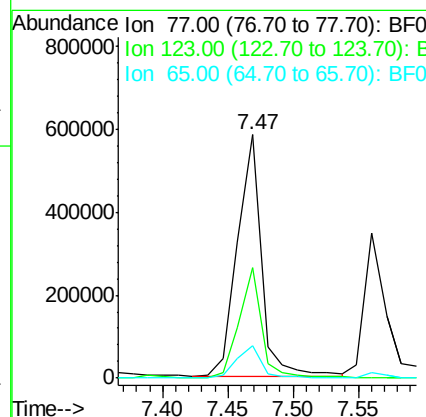
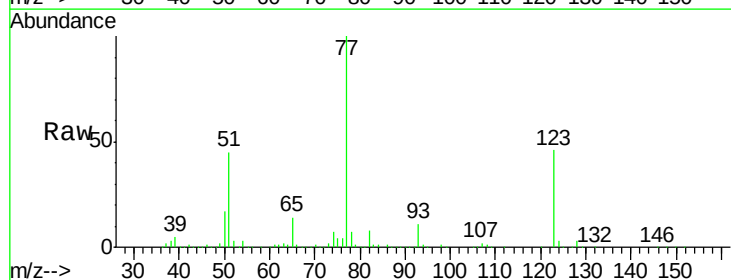
Manual Integrations
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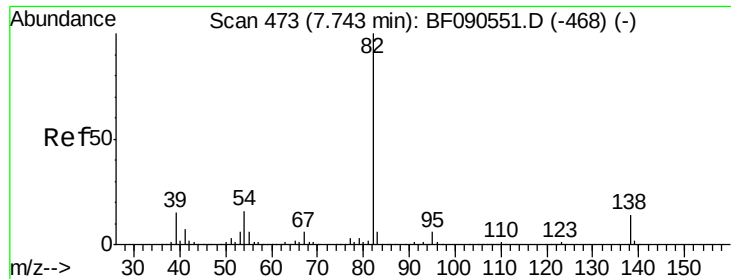
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#24
Nitrobenzene
Concen: 38.22 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	29.8	44.6#
65	13.5	10.9	16.3





#25

Isophorone

Concen: 40.46 ng

RT: 7.71 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion: 82 Resp: 1393662

Ion Ratio Lower Upper

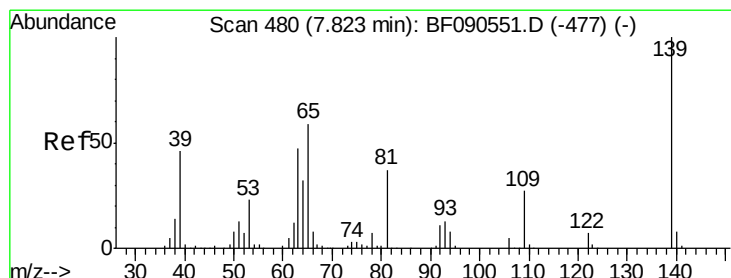
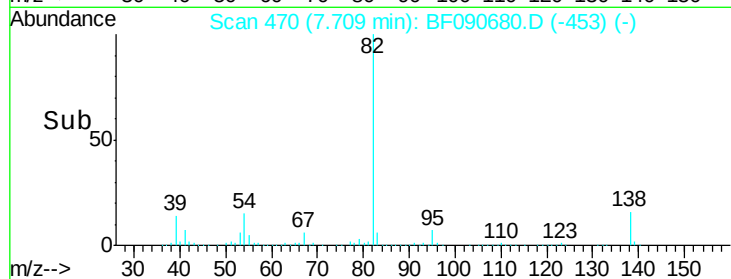
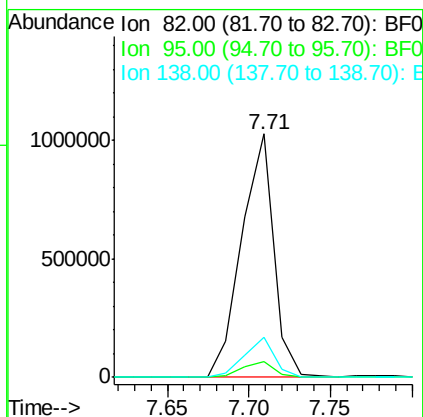
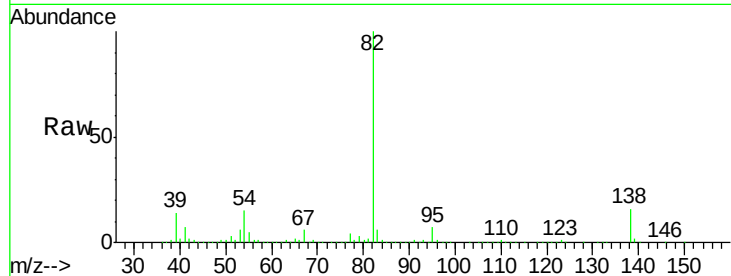
82 100

95 6.6 5.0 7.6

138 16.3 11.5 17.3

Manual Integrations
APPROVED

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#26

2-Nitrophenol

Concen: 35.34 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

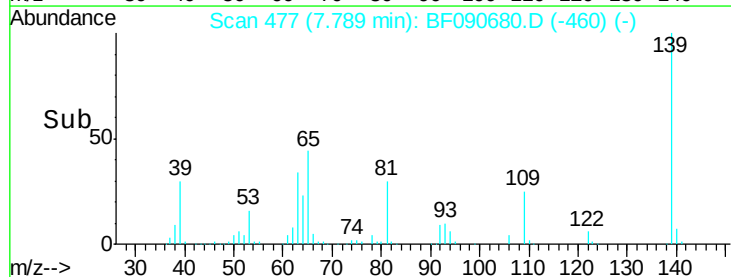
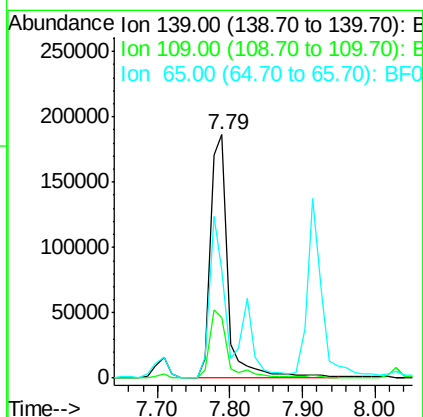
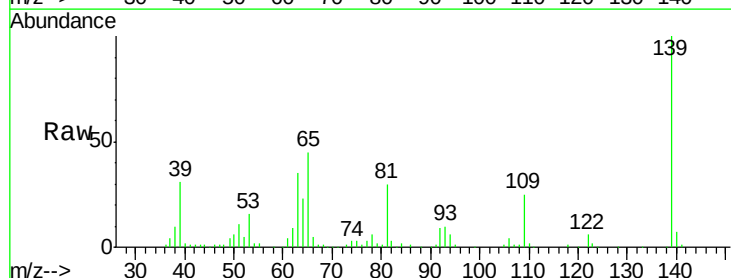
Tgt Ion: 139 Resp: 311386

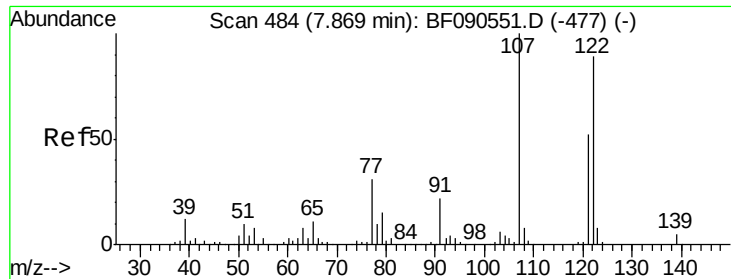
Ion Ratio Lower Upper

139 100

109 24.6 21.8 32.6

65 44.6 47.7 71.5#





#27

2,4-Dimethylphenol

Concen: 37.53 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

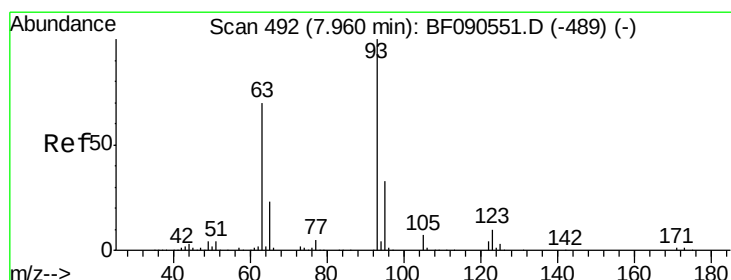
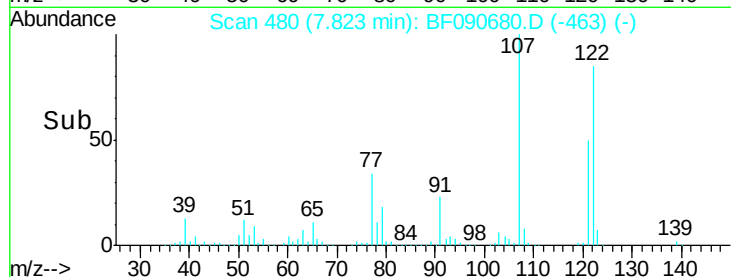
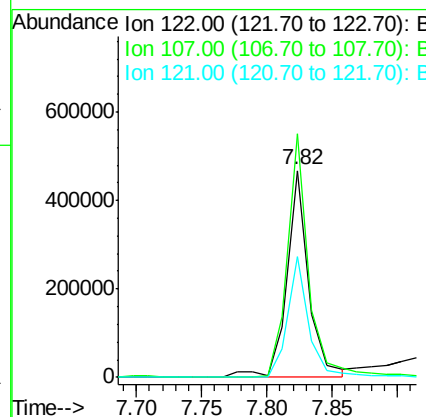
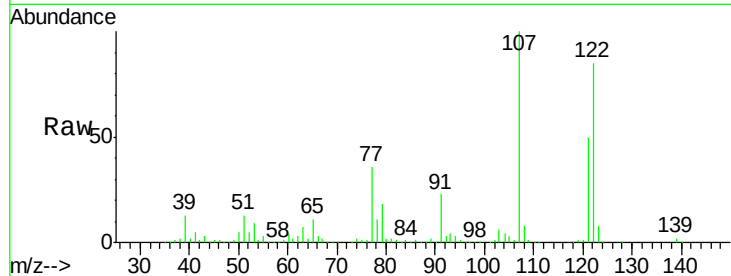
ClientSampled :

PB94156BS

Tot Ion:	122	Resp:	548820
Ion Ratio	Lower	Upper	
122	100		
107	117.9	89.8	134.6
121	58.4	46.1	69.1

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 37.86 ng

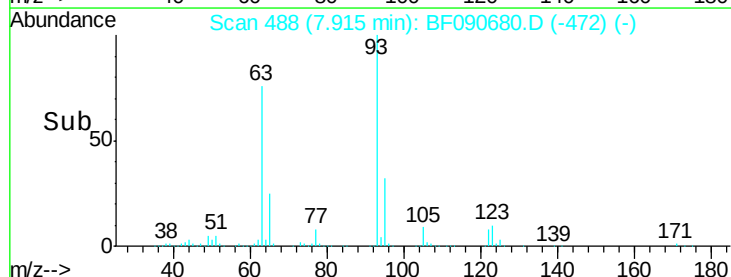
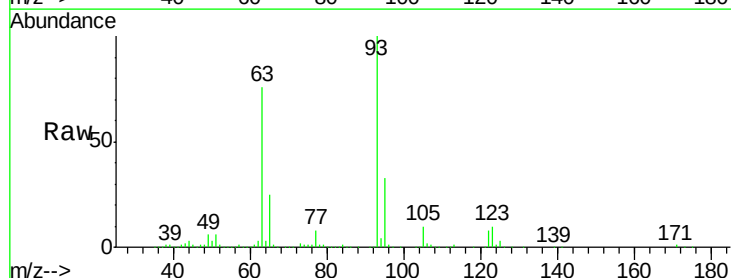
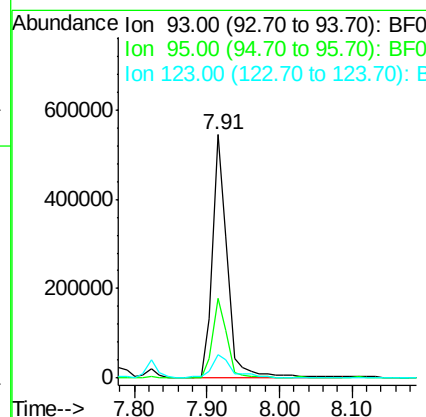
RT: 7.91 min Scan# 488

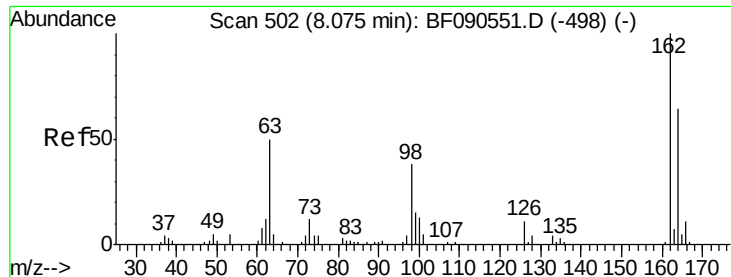
Delta R.T. -0.01 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Tgt Ion:	93	Resp:	770141
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.2	39.2
123	9.9	8.6	13.0





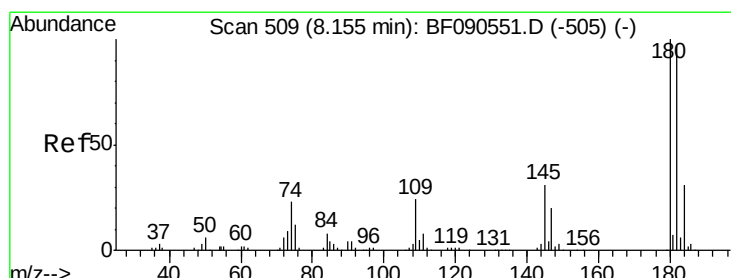
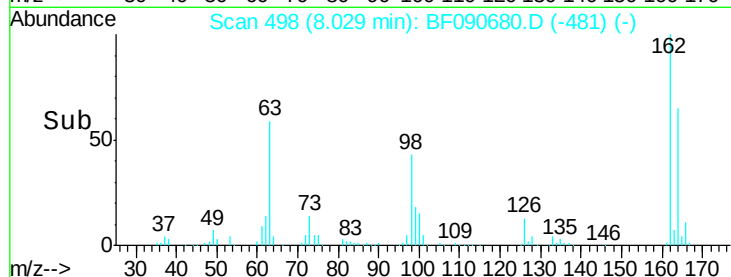
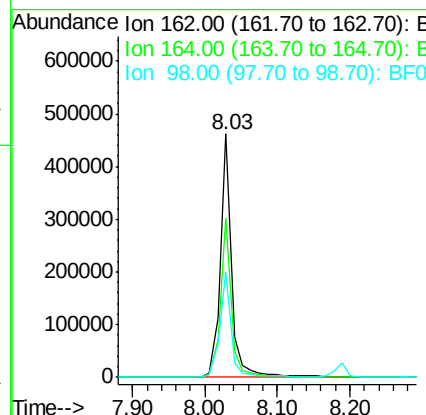
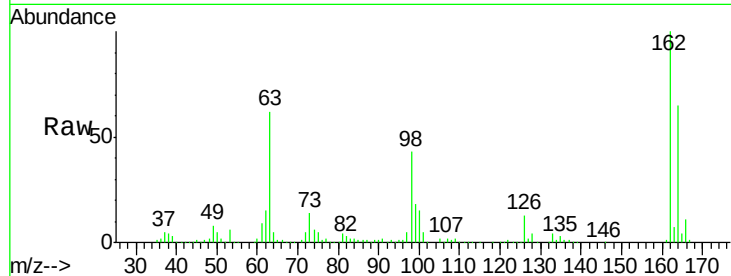
#29
 2,4-Dichlorophenol
 Concen: 39.13 ng
 RT: 8.03 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	501189		
164	65.2		44.0	84.0
98	43.0		18.0	58.0

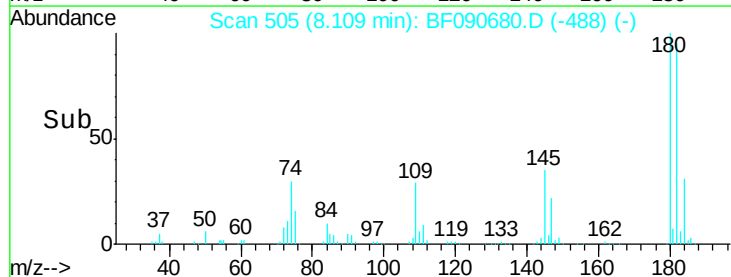
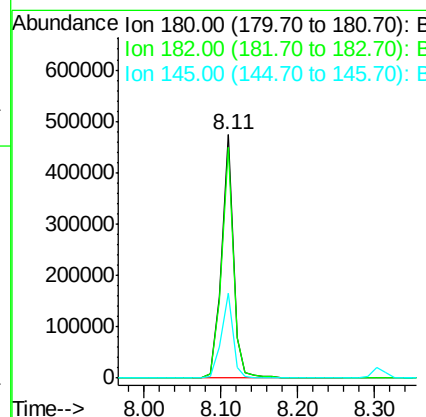
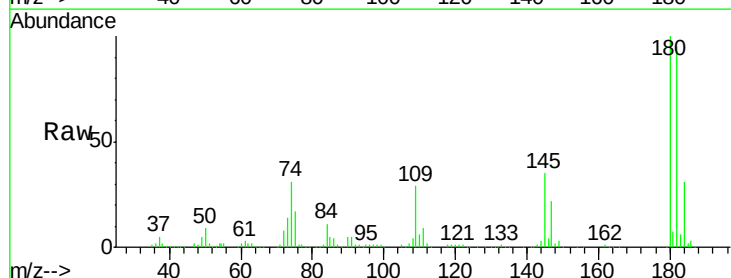
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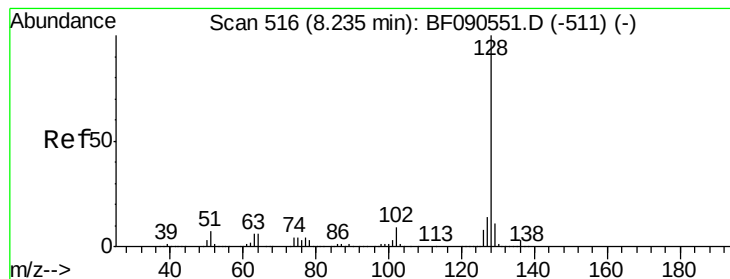
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.22 ng
 RT: 8.11 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	513416		
182	95.0		77.2	115.8
145	34.8		24.4	36.6





#31

Naphthalene

Concen: 34.03 ng

RT: 8.19 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:128 Resp: 1822774

Ion Ratio Lower Upper

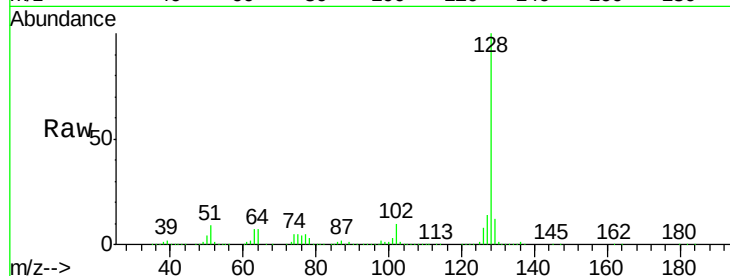
128 100

129 12.0 9.0 13.6

127 13.9 10.8 16.2

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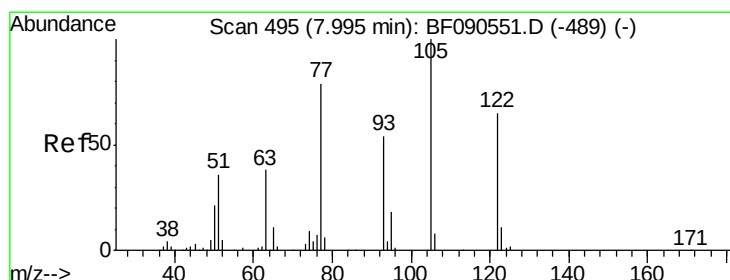
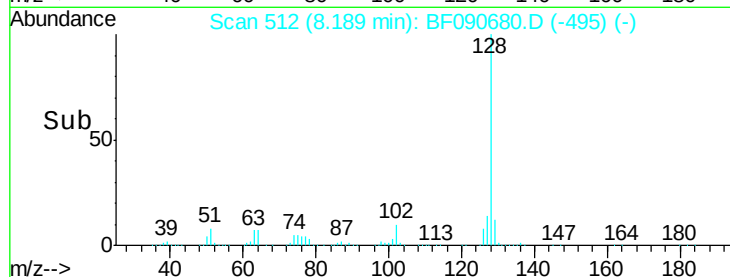
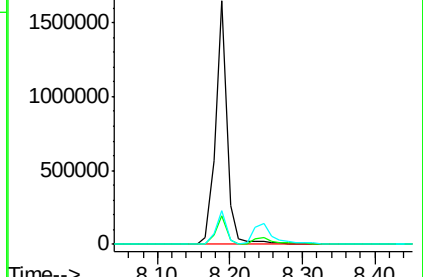
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.52 ng

RT: 7.96 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

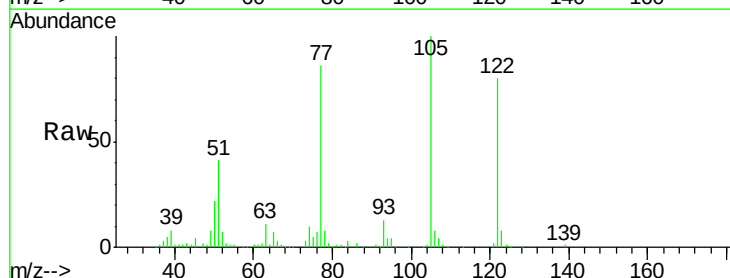
Tgt Ion:122 Resp: 319055

Ion Ratio Lower Upper

122 100

105 125.5 101.1 141.1

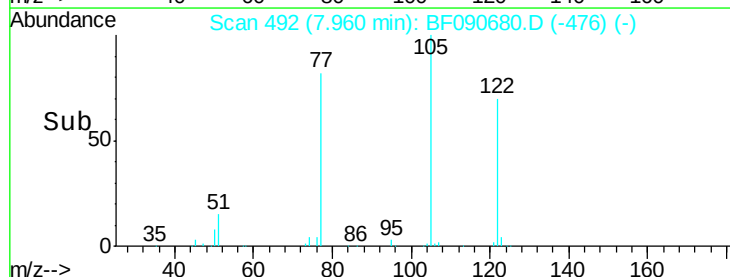
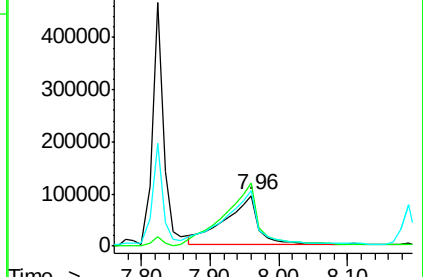
77 108.4 84.7 124.7

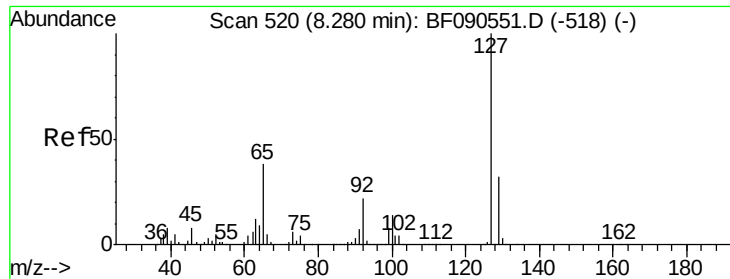


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





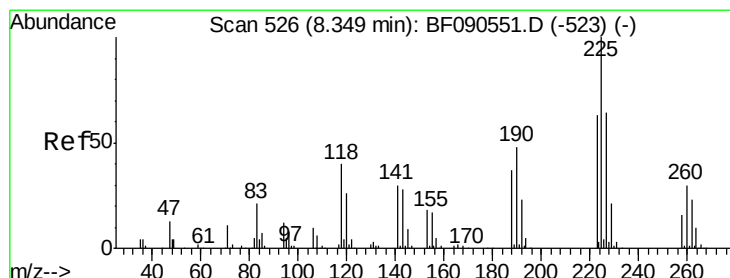
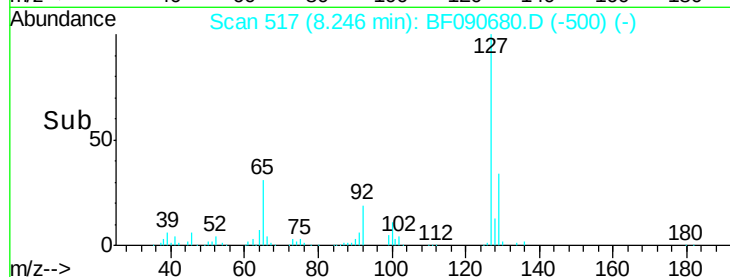
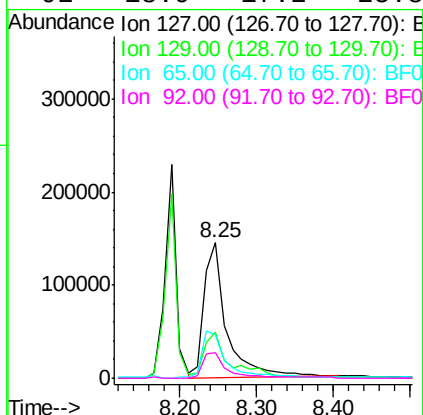
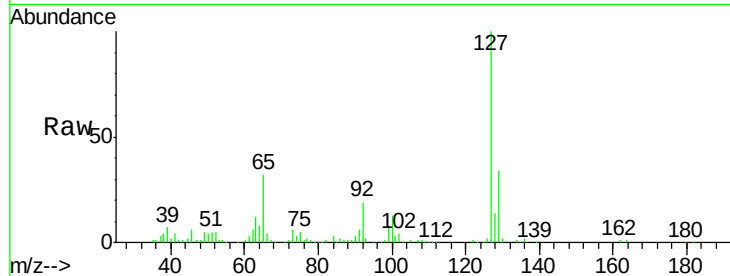
#33
4-Chloroaniline
Concen: 14.13 ng
RT: 8.25 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		289252		
129	33.6	26.2	39.2		
65	32.1	30.1	45.1		
92	18.9	17.2	25.8		

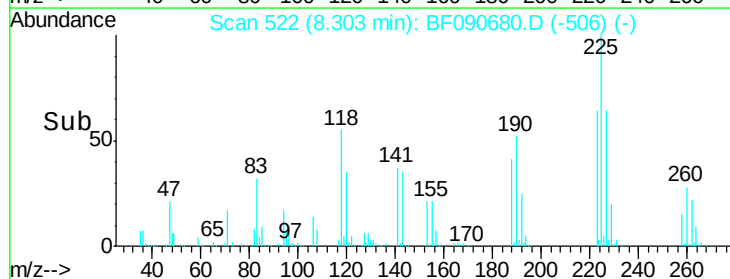
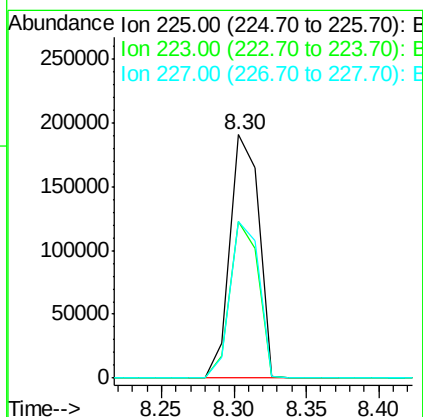
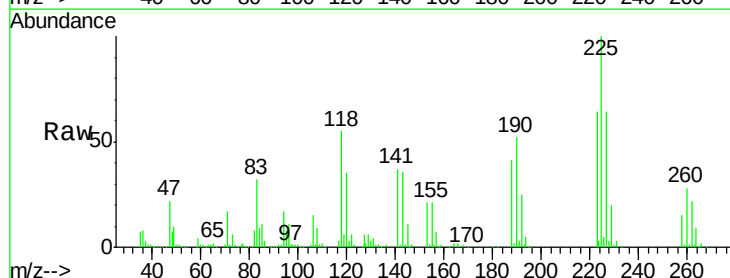
Manual Integrations
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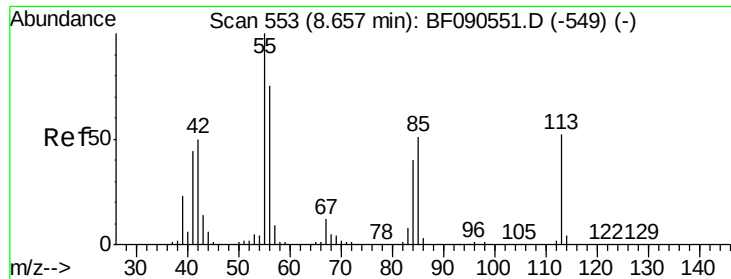
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#34
Hexachlorobutadiene
Concen: 31.56 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		264524		
223	64.2	50.6	76.0		
227	64.2	51.4	77.2		





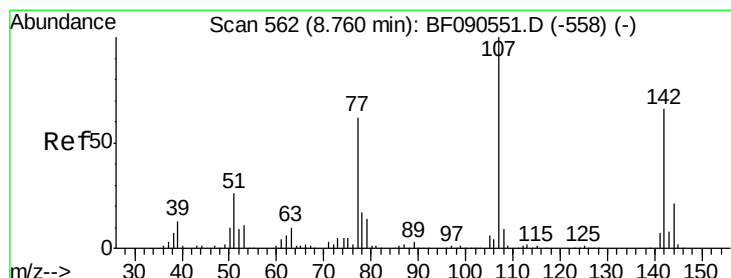
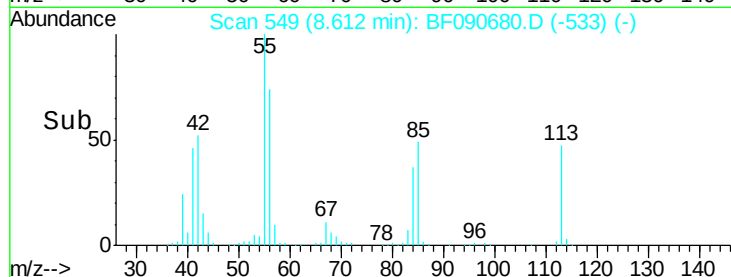
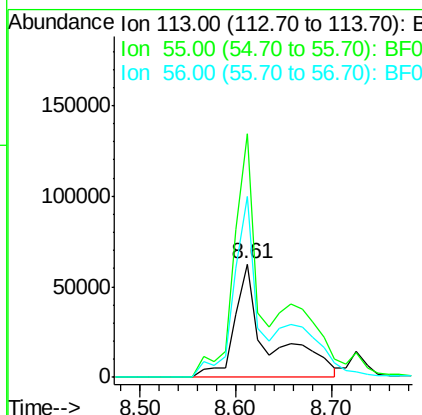
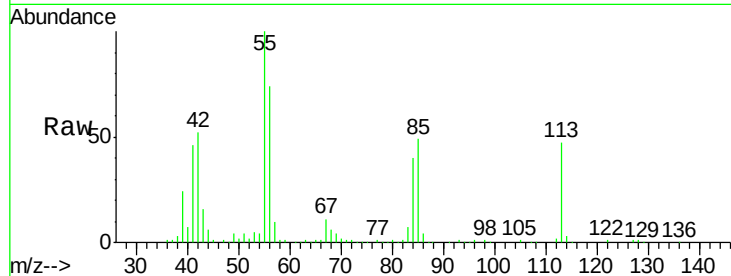
#35
 Caprolactam
 Concen: 43.72 ng/ml
 RT: 8.61 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Instrument :
 BNA_F
 ClientSampleID :
 PB94156BS

Tot Ion: 113 Resp: 156263
 Ion Ratio Lower Upper
 113 100
 55 214.7 170.8 210.8#
 56 159.2 122.4 162.4

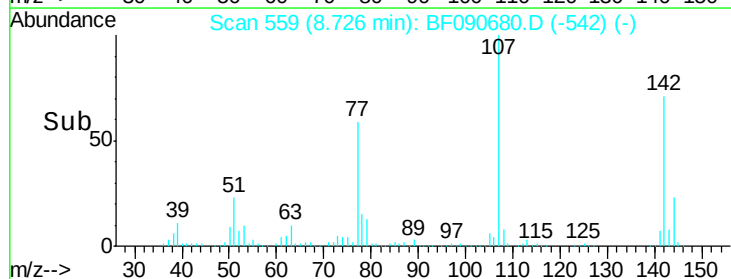
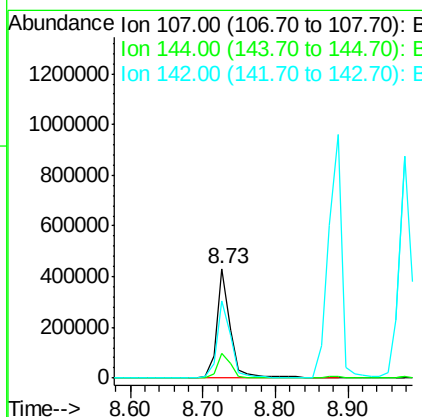
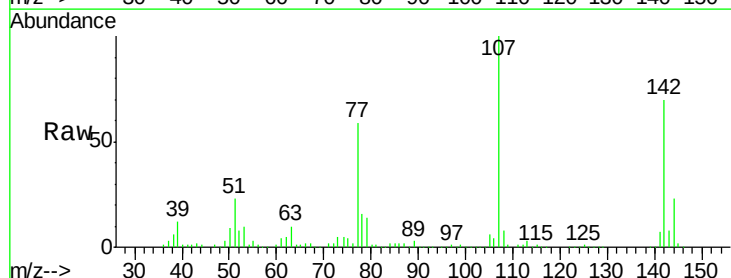
Manual Integrations
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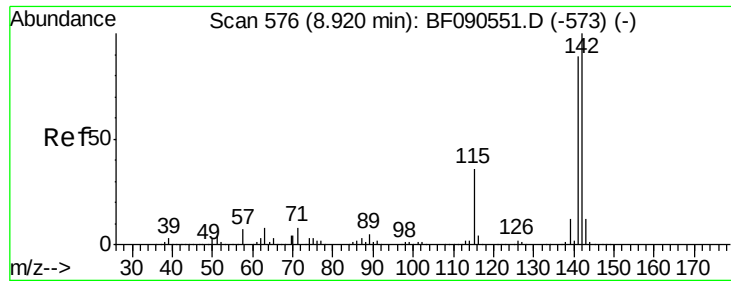
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#36
 4-Chloro-3-methylphenol
 Concen: 37.28 ng/ml
 RT: 8.73 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Tgt Ion: 107 Resp: 550870
 Ion Ratio Lower Upper
 107 100
 144 22.7 16.9 25.3
 142 70.5 52.5 78.7





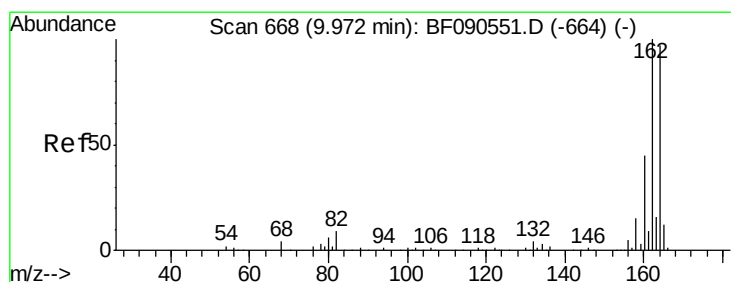
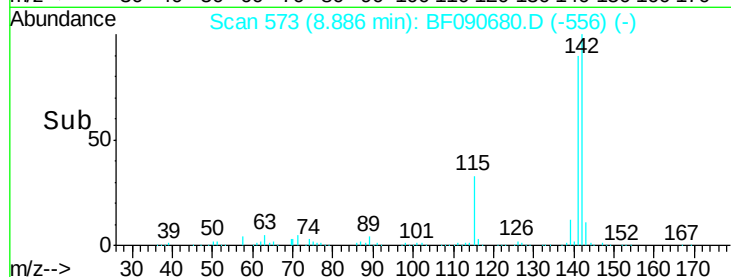
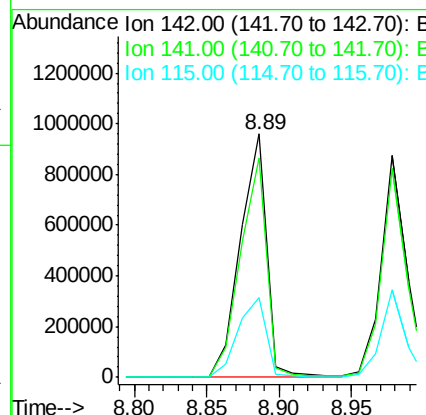
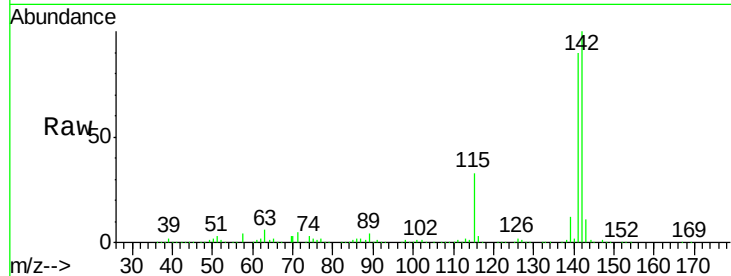
#37
2-Methylnaphthalene
Concen: 38.25 ng
RT: 8.89 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion:142 Resp: 1202978
Ion Ratio Lower Upper
142 100
141 90.0 71.3 106.9
115 32.6 28.8 43.2

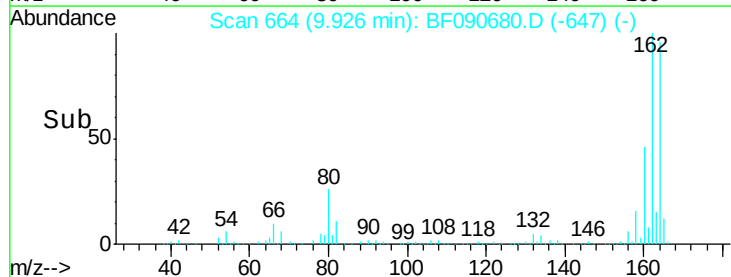
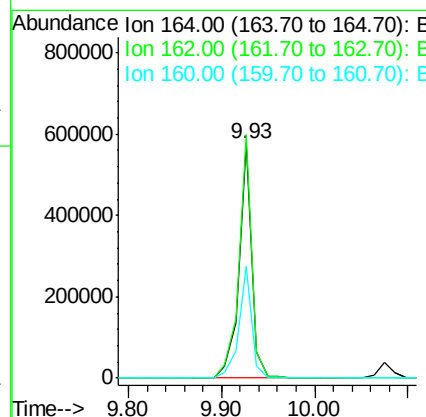
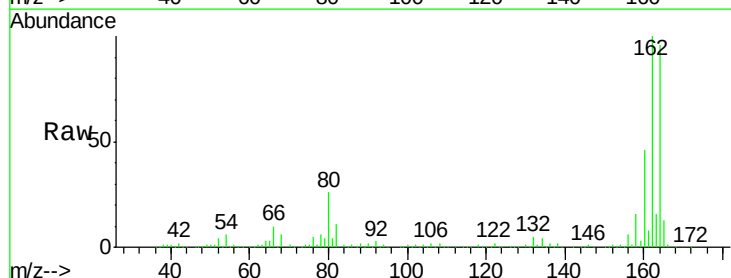
Manual Integrations
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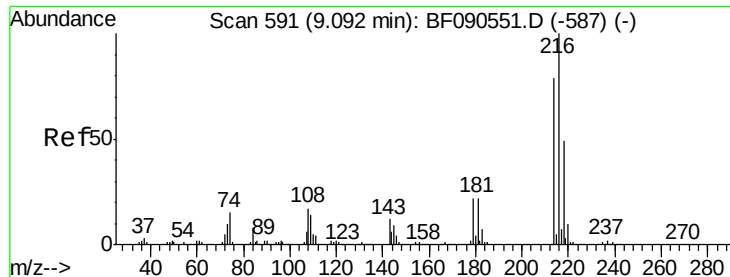
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:164 Resp: 565593
Ion Ratio Lower Upper
164 100
162 103.8 82.2 123.4
160 47.7 36.6 55.0





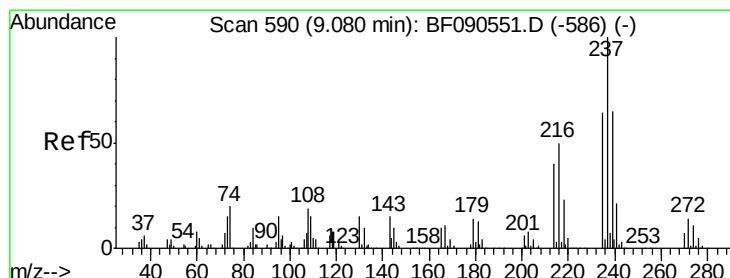
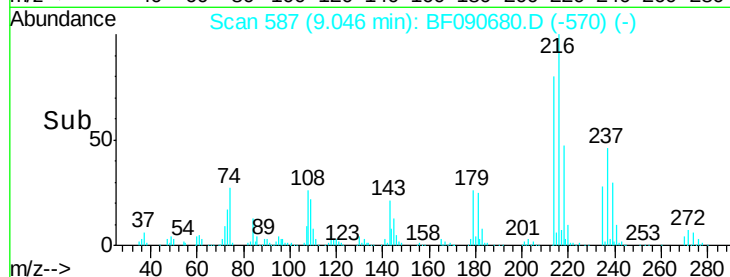
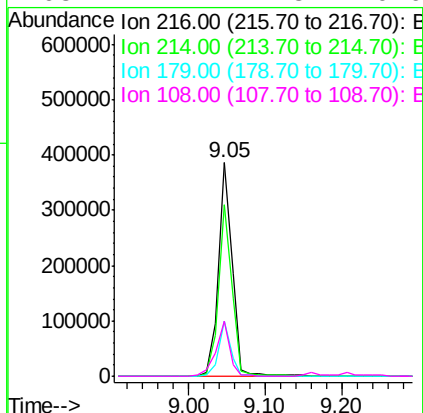
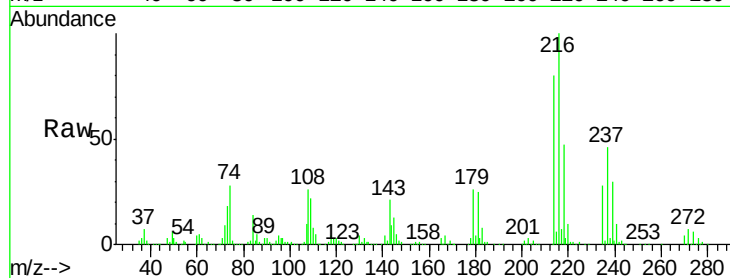
#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.35 ng
RT: 9.05 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampled :
PB94156BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		485194		
214	78.9	63.5	95.3		
179	23.3	18.9	28.3		
108	24.7	17.8	26.6		

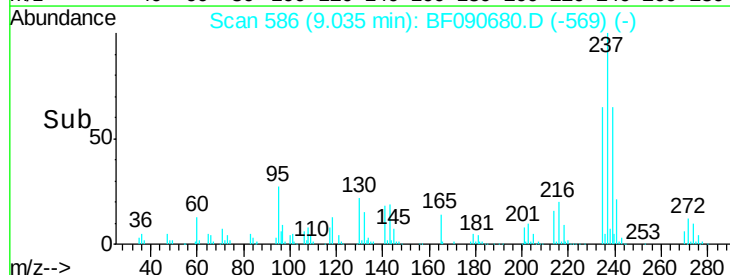
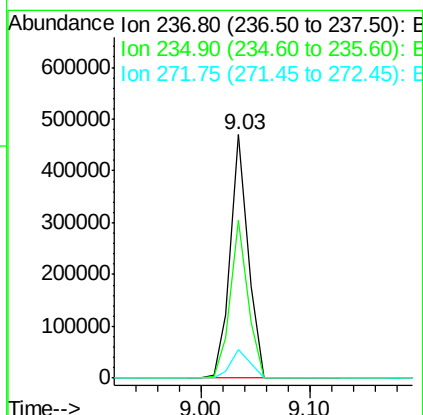
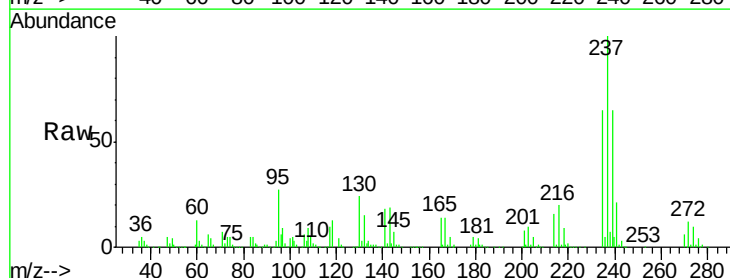
Manual Integrations
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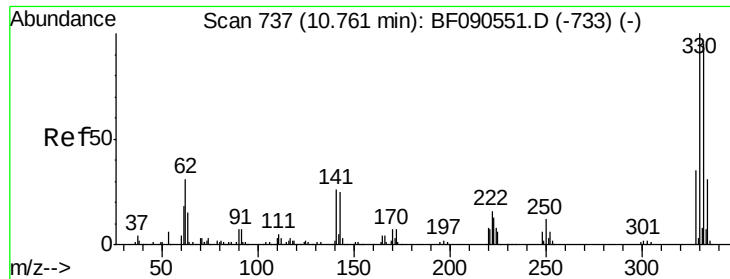
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#40
Hexachlorocyclopentadiene
Concen: 72.94 ng
RT: 9.03 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		534379		
235	64.7	43.8	83.8		
272	11.9	0.0	33.7		





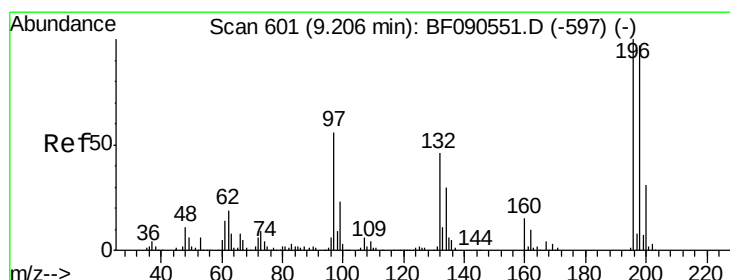
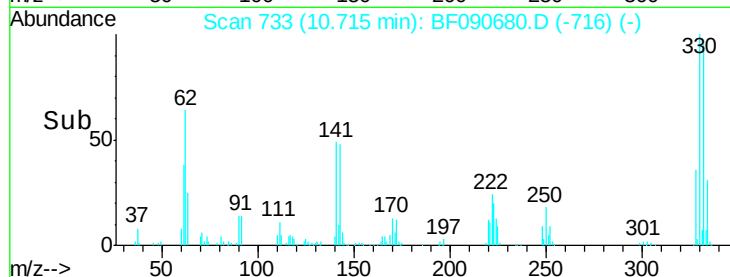
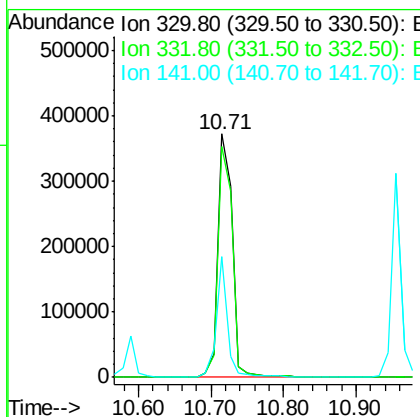
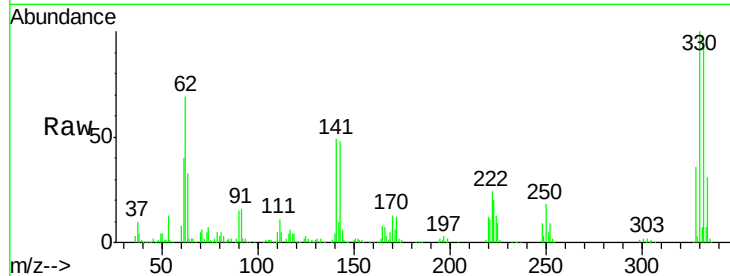
#41
 2,4,6-Tribromophenol
 Concen: 102.46 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Instrument :
 BNA_F
 ClientSampled :
 PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	516653		
332	95.8	76.2	114.2	
141	36.5	31.4	47.2	

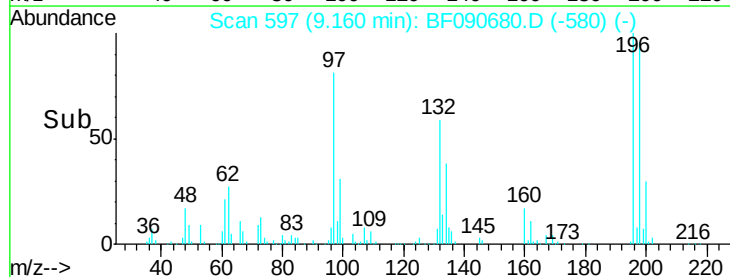
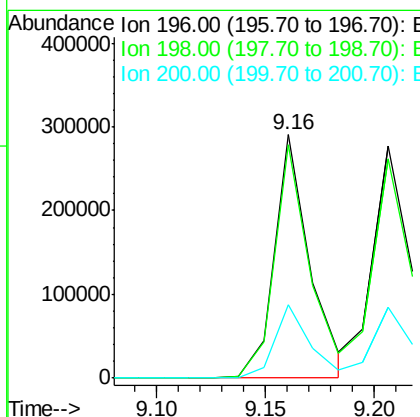
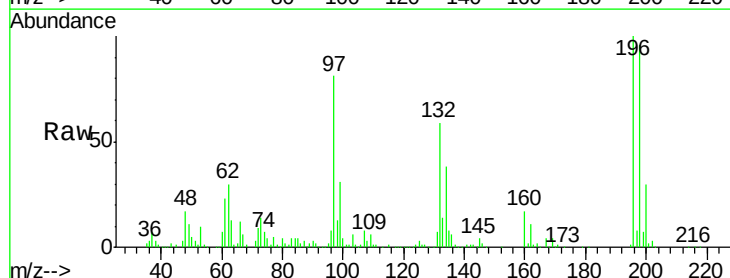
Manual Integrations
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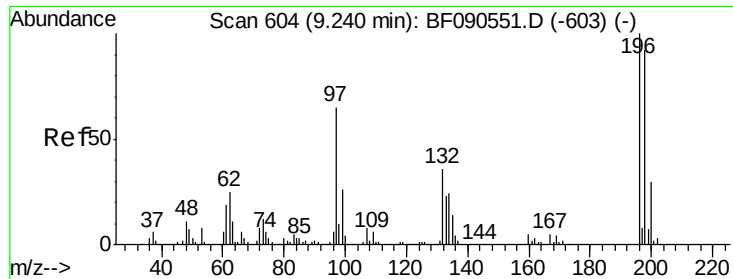
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#42
 2,4,6-Trichlorophenol
 Concen: 39.10 ng
 RT: 9.16 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330711		
198	95.7	77.9	116.9	
200	30.0	25.1	37.7	





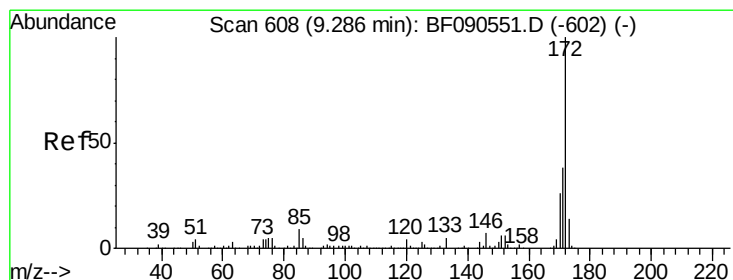
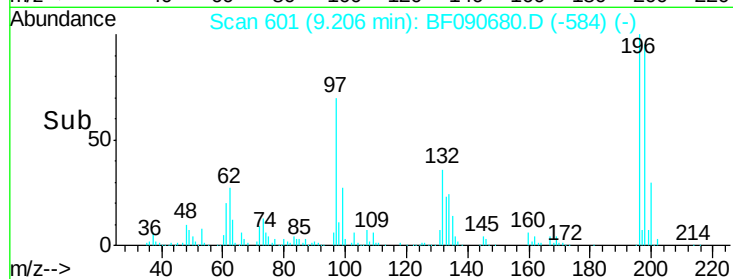
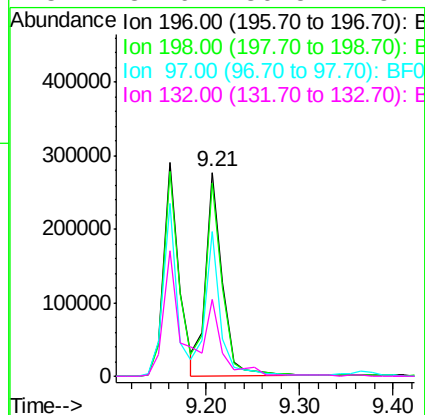
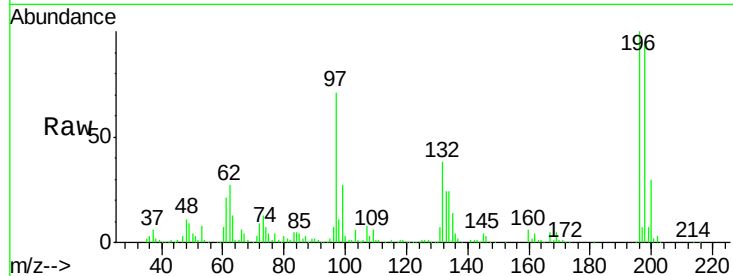
#43
 2,4,5-Trichlorophenol
 Concen: 34.27 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion:	196	Resp:	345792
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.0	111.0
97	71.2	54.7	82.1
132	37.6	30.5	45.7

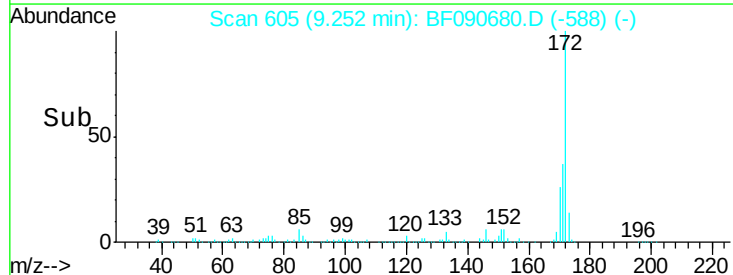
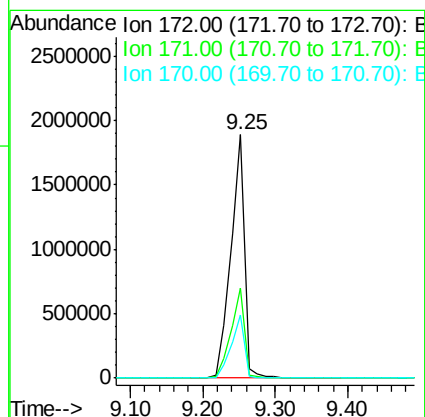
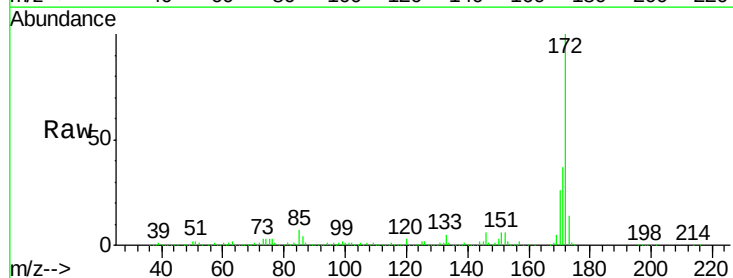
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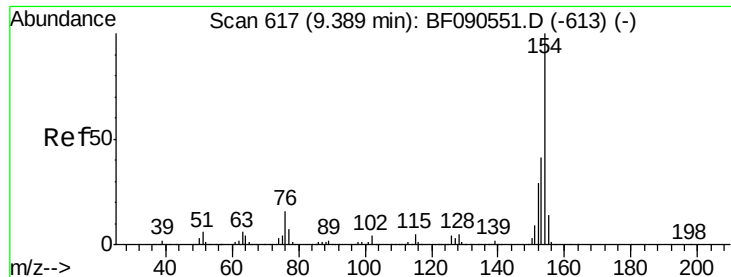
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#44
 2-Fluorobiphenyl
 Concen: 72.41 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Tgt Ion:	172	Resp:	2485440
Ion Ratio	Lower	Upper	
172	100		
171	37.0	30.1	45.1
170	25.8	20.6	30.8





#45

1,1'-Biphenyl

Concen: 31.79 ng

RT: 9.34 min Scan# 613

Delta R.T. -0.01 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampled :

PB94156BS

Tot Ion:154 Resp: 1368130

Ion Ratio Lower Upper

154 100

153 41.3 21.5 61.5

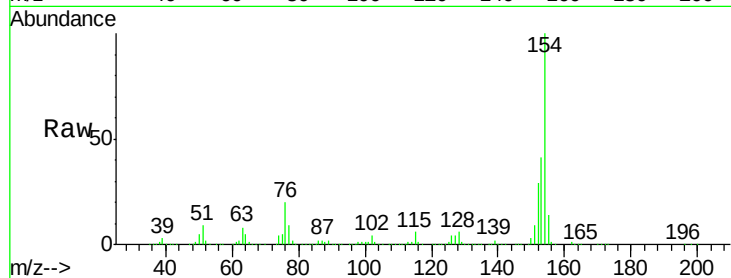
76 19.8 0.0 36.0

Manual Integrations

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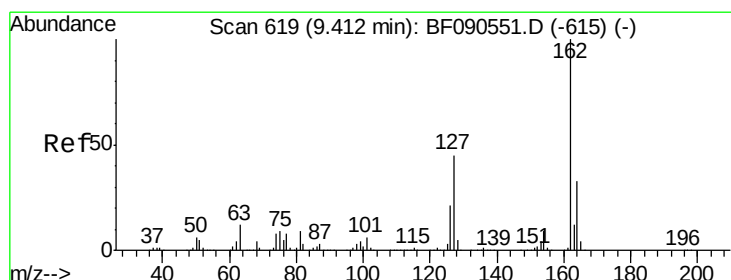
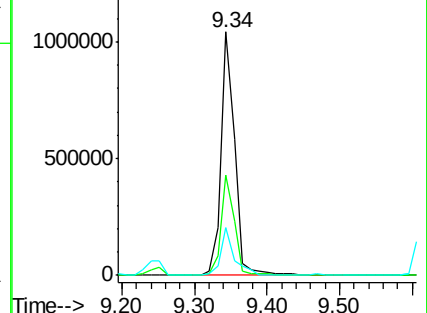
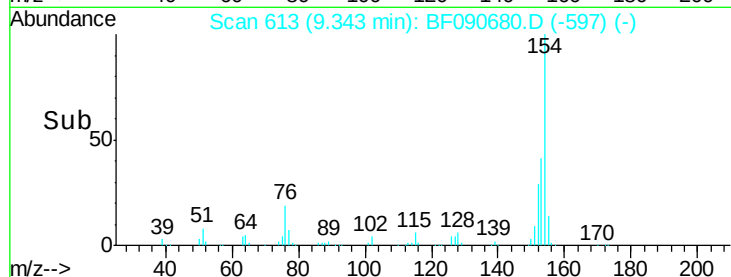
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.73 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

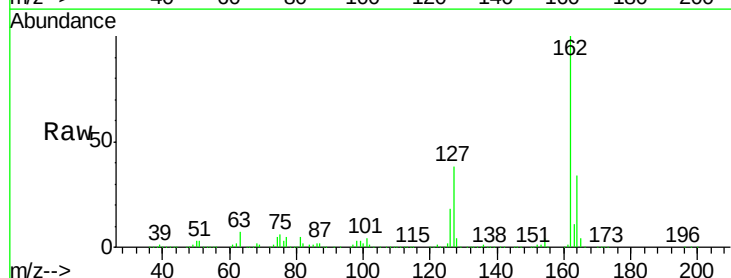
Tgt Ion:162 Resp: 1114480

Ion Ratio Lower Upper

162 100

127 37.5 35.9 53.9

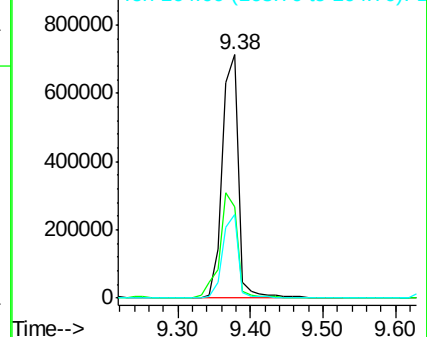
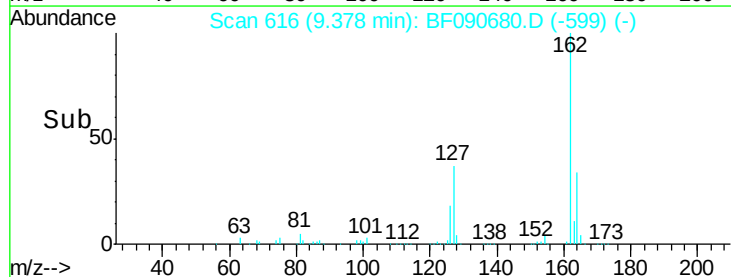
164 34.2 26.7 40.1

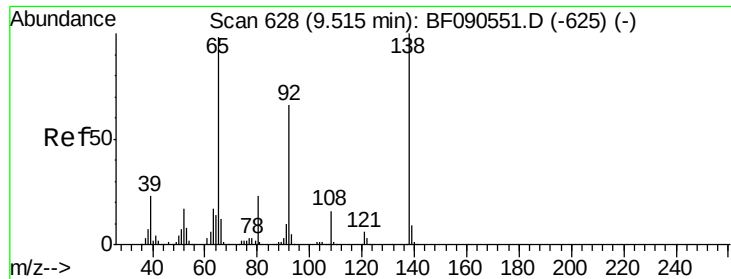


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





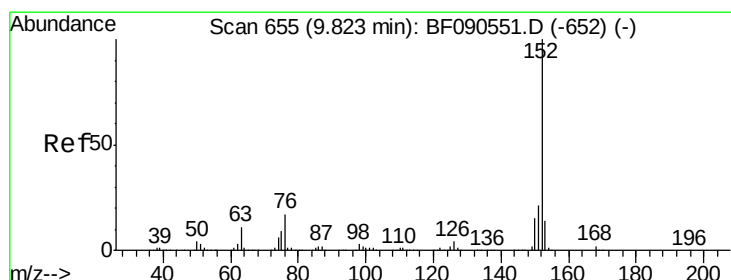
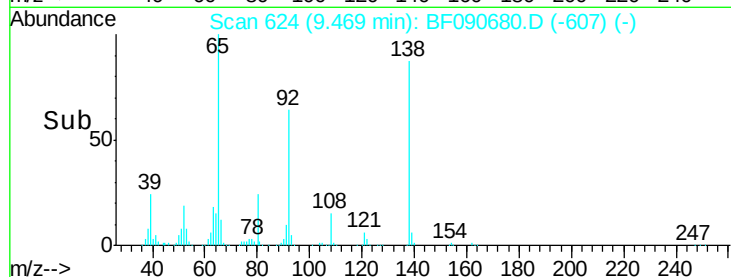
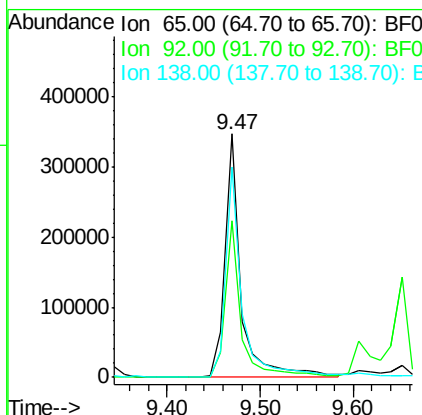
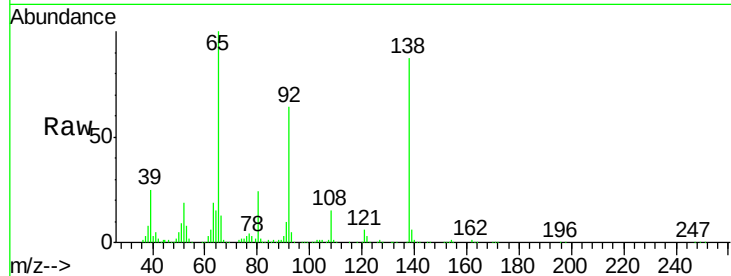
#47
2-Nitroaniline
Concen: 35.56 ng
RT: 9.47 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	54.3	81.5
138	86.6	81.7	122.5

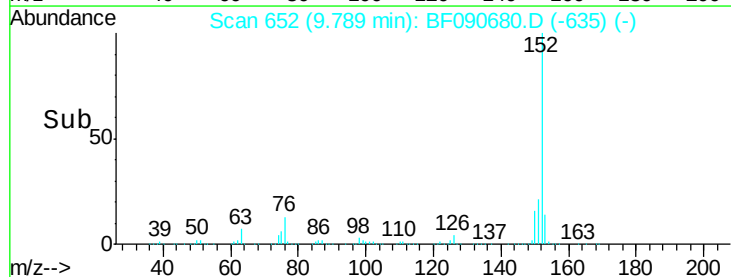
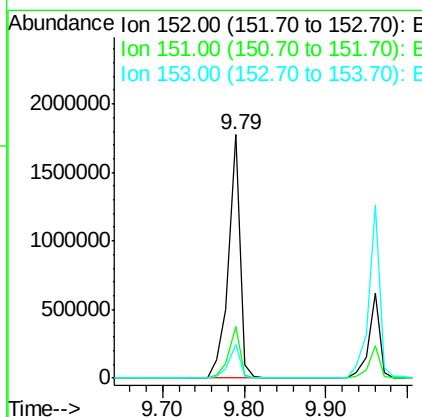
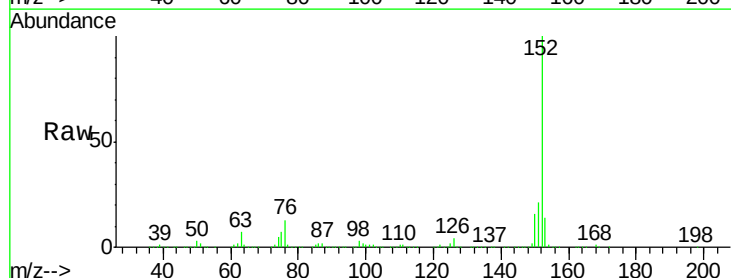
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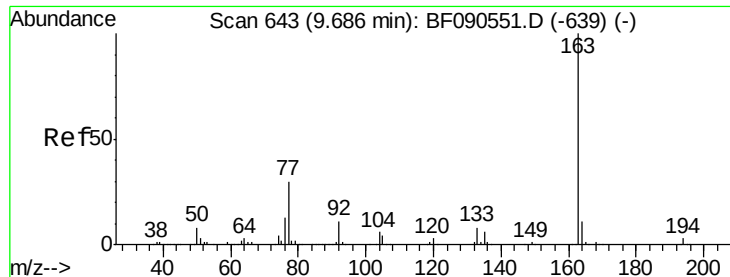
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#48
Acenaphthylene
Concen: 34.17 ng
RT: 9.79 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	25.0
153	14.1	11.3	16.9





#49

Dimethylphthalate

Concen: 35.31 ng

RT: 9.65 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:163 Resp: 1295910

Ion Ratio Lower Upper

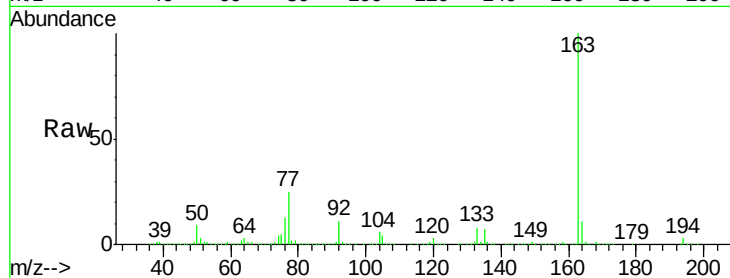
163 100

194 3.4 2.3 3.5

164 10.9 8.6 13.0

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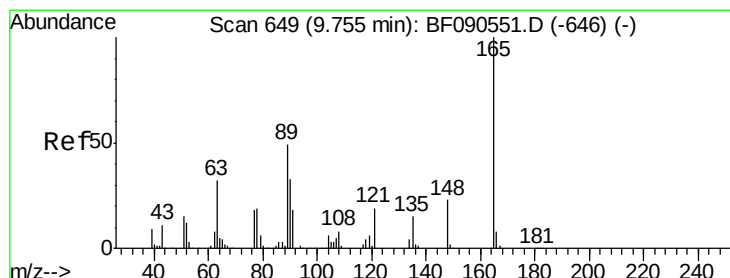
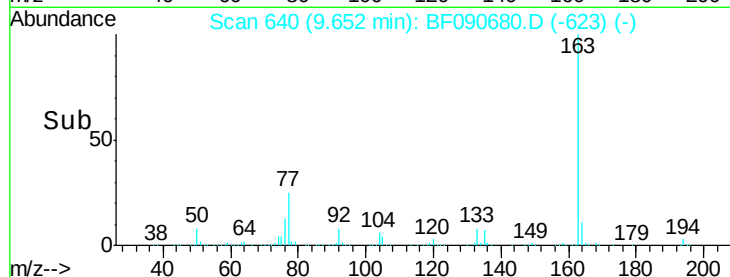
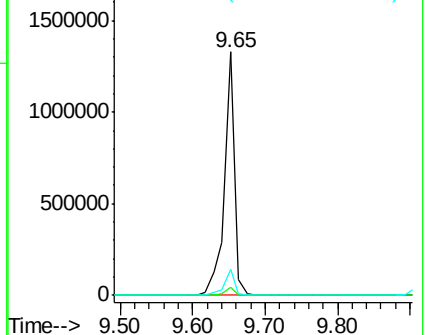
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.78 ng

RT: 9.71 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

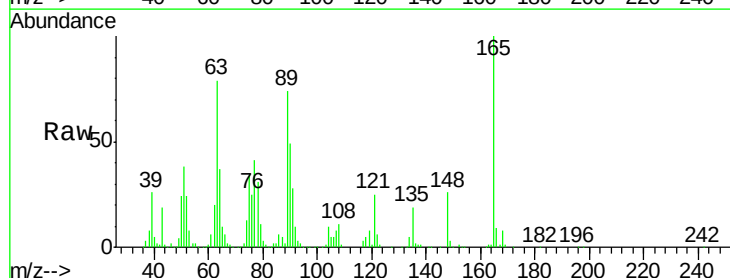
Tgt Ion:165 Resp: 263239

Ion Ratio Lower Upper

165 100

63 79.5 40.1 60.1#

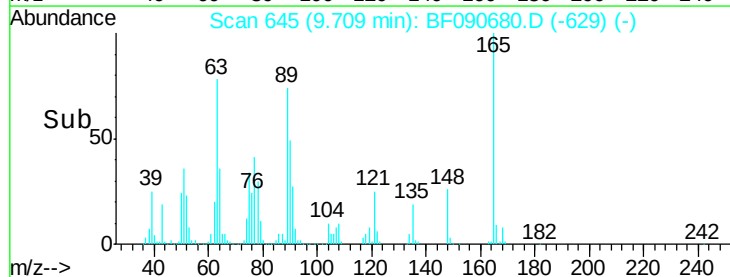
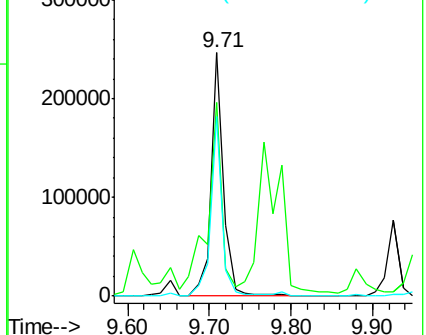
89 73.6 39.5 59.3#

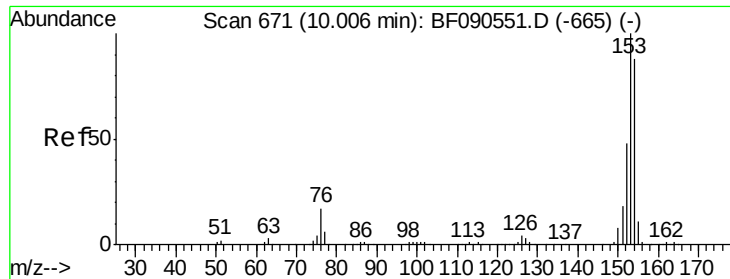


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.01 ng

RT: 9.96 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:154 Resp: 1257162

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

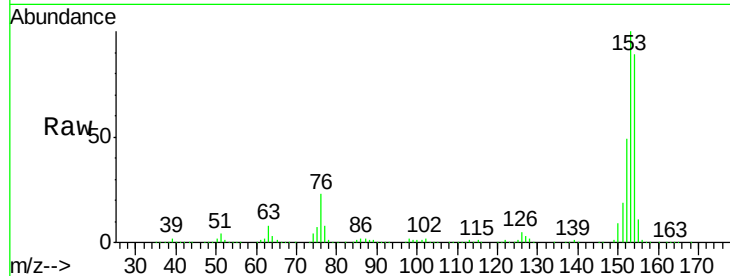
152 55.7 44.0 66.0

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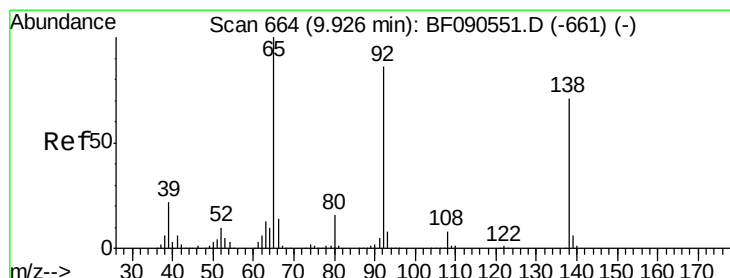
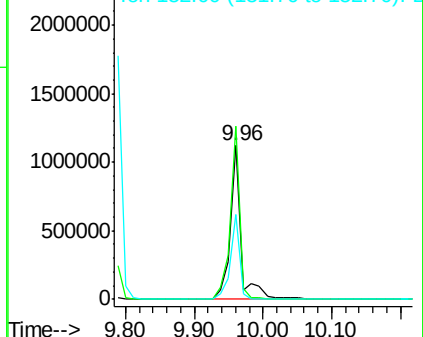
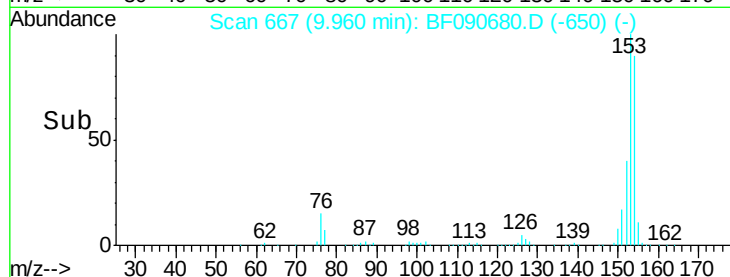
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.86 ng

RT: 9.88 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

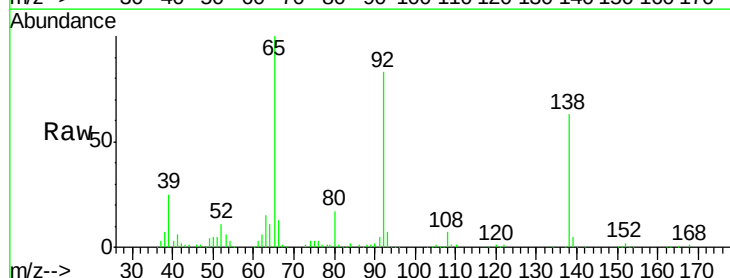
Tgt Ion:138 Resp: 169922

Ion Ratio Lower Upper

138 100

108 10.6 8.6 12.8

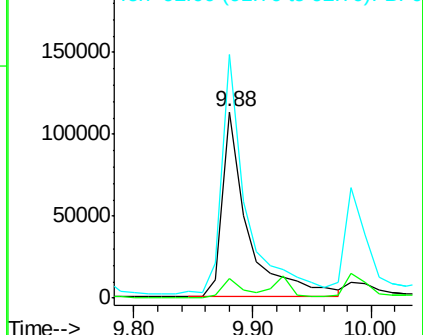
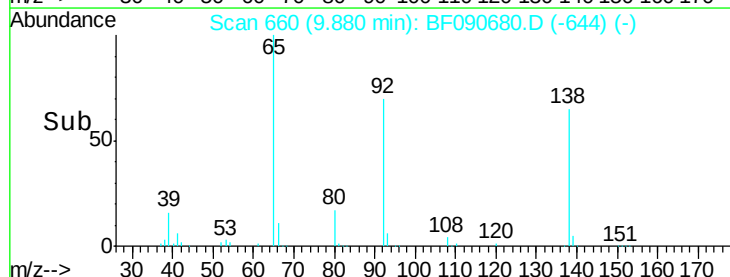
92 130.5 97.8 146.8

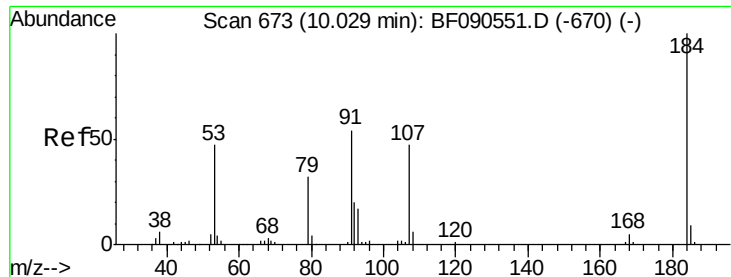


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





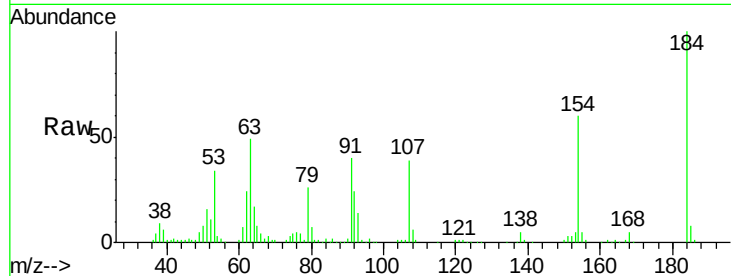
#53
2,4-Dinitrophenol
Concen: 65.95 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampled :
PB94156BS

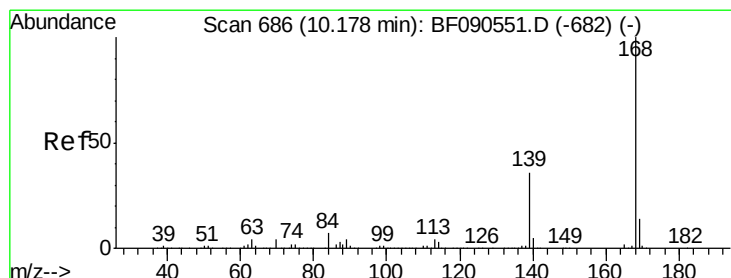
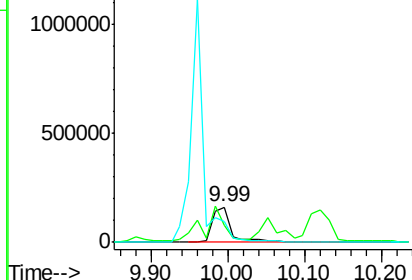
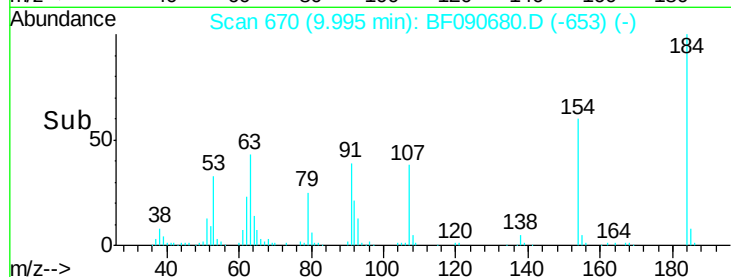
Tot Ion	Ratio	Resp	Lower	Upper
184	100	282823		
63	49.4	60.2	90.2#	
154	60.4	86.1	129.1#	

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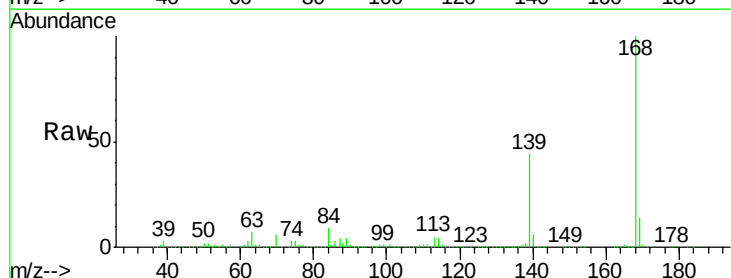


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

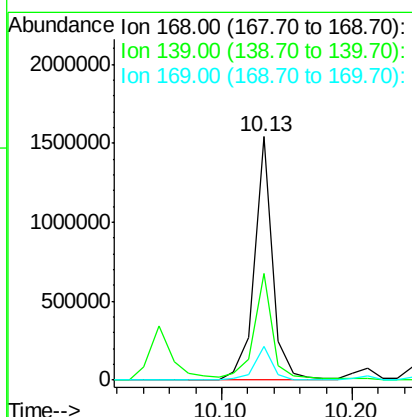
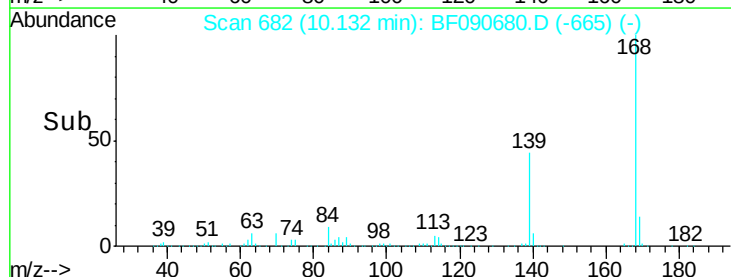


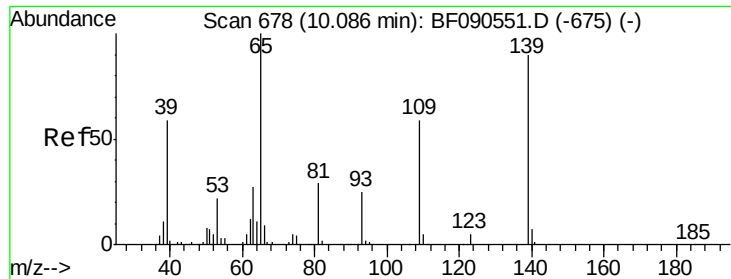
#54
Dibenzofuran
Concen: 33.73 ng
RT: 10.13 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1507010		
139	43.9	30.5	45.7	
169	14.1	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





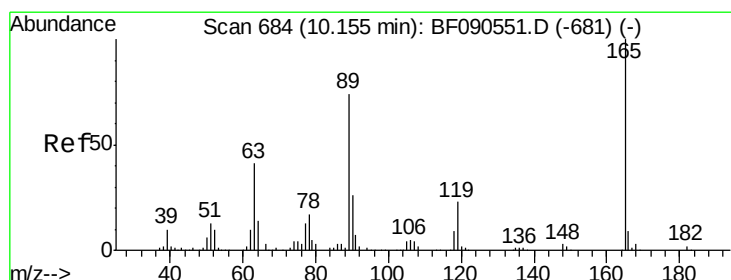
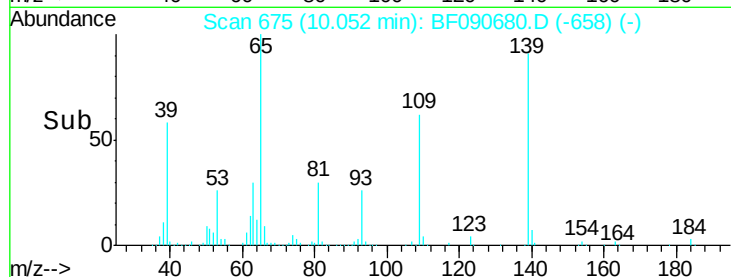
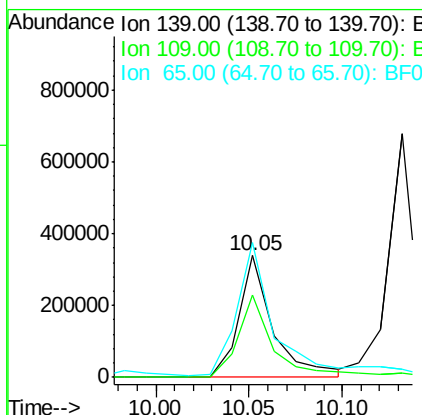
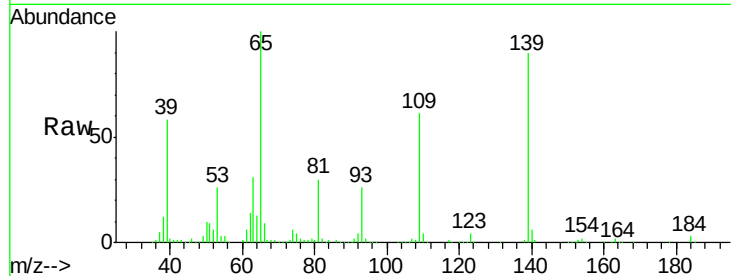
#55
4-Nitrophenol
Concen: 71.74 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.6	45.9	85.9
65	110.9	95.8	135.8

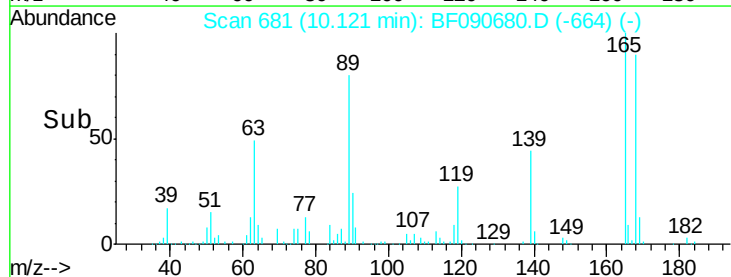
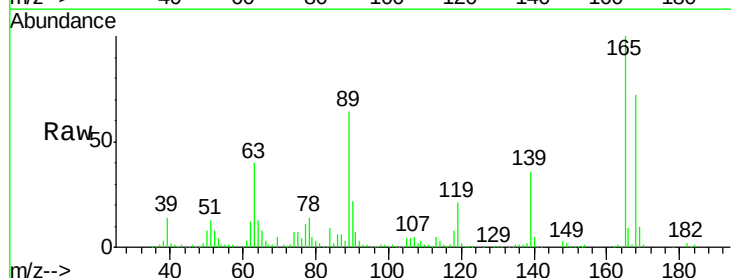
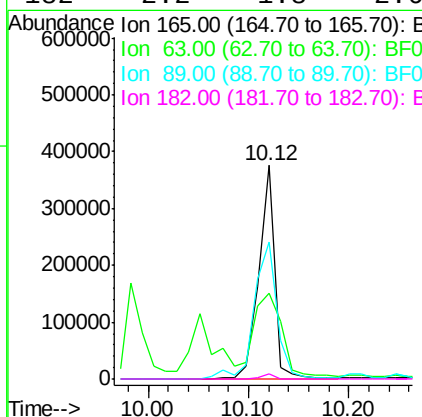
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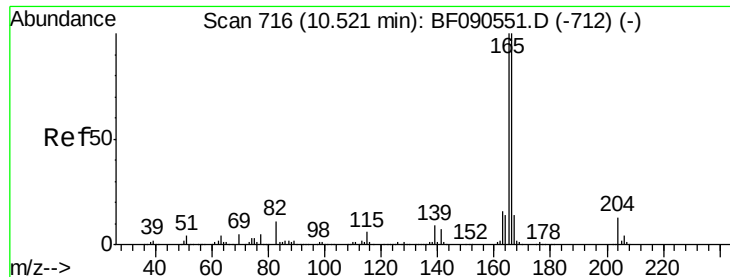
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#56
2,4-Dinitrotoluene
Concen: 38.41 ng
RT: 10.12 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.9	35.4	53.0
89	64.0	59.0	88.4
182	2.2	1.8	2.6





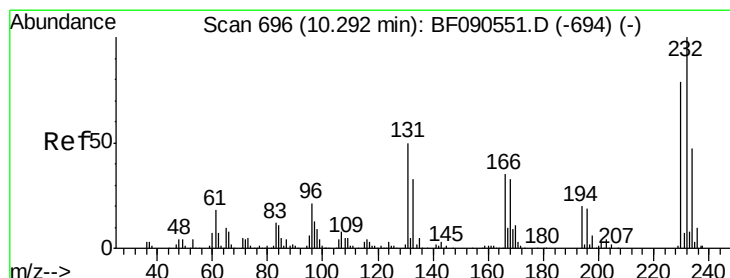
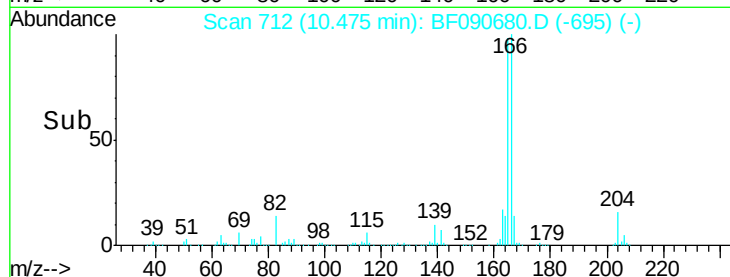
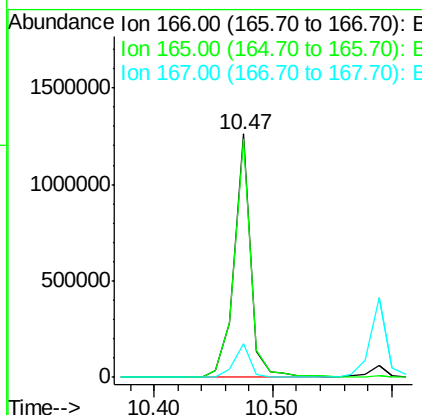
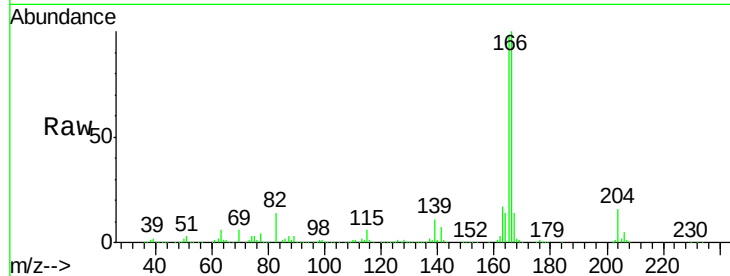
#57
 Fluorene
 Concen: 33.39 ng
 RT: 10.47 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.9	119.9
167	14.0	10.9	16.3

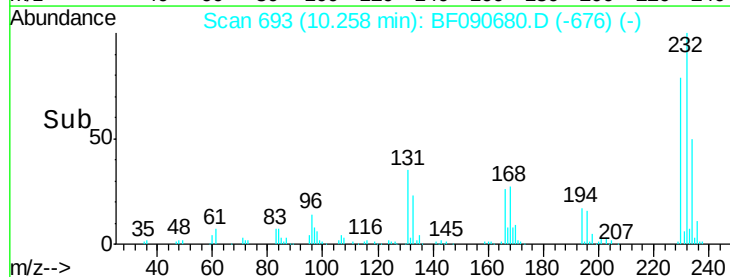
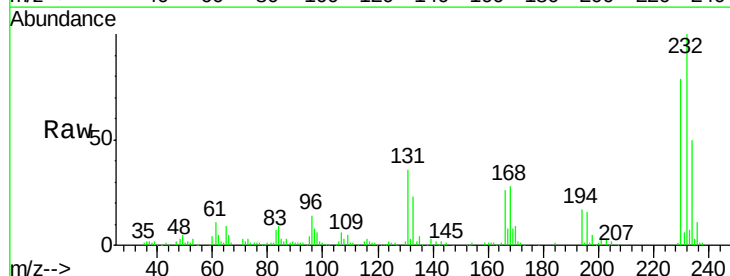
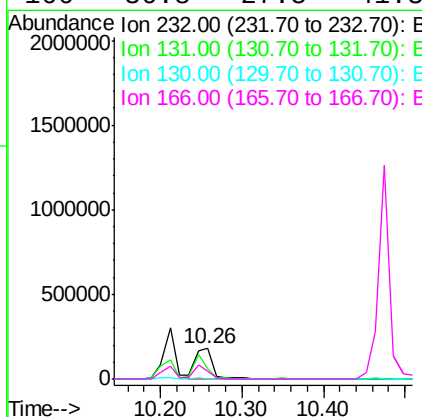
Manual Integrations
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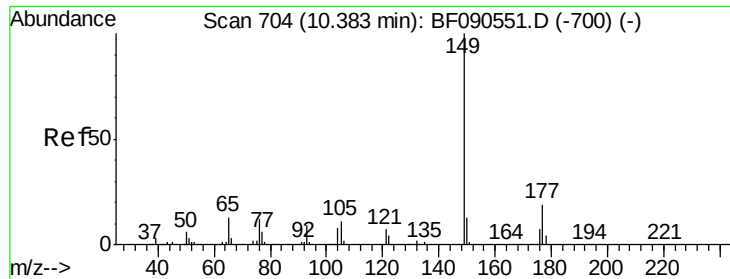
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.97 ng
 RT: 10.26 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	61.8	42.6	64.0
130	3.0	1.8	2.8
166	36.8	27.5	41.3





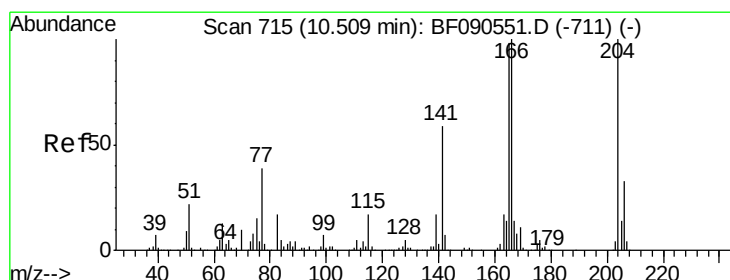
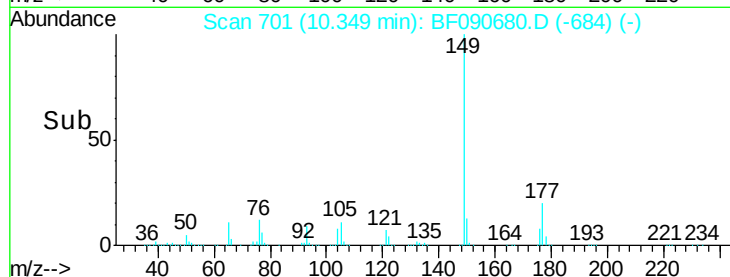
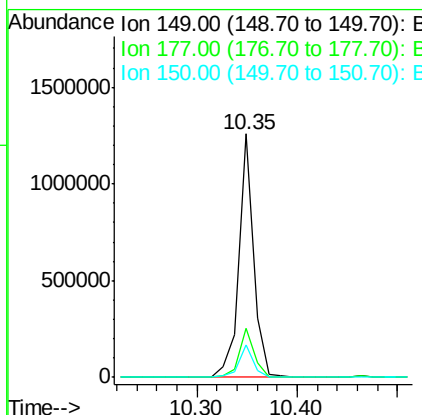
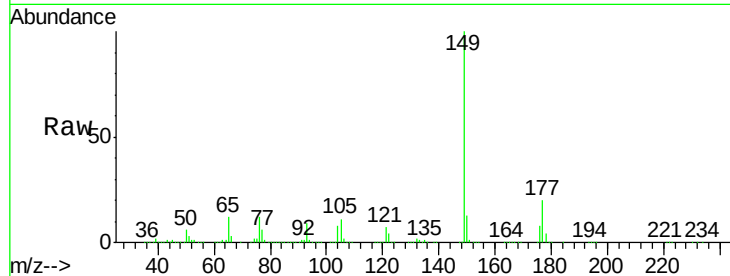
#59
Diethylphthalate
Concen: 34.64 ng
RT: 10.35 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.2	15.3	22.9
150	13.1	10.3	15.5

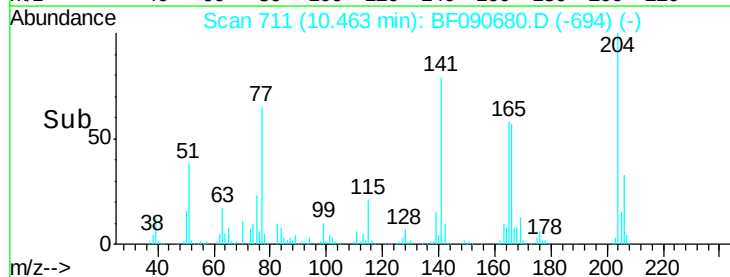
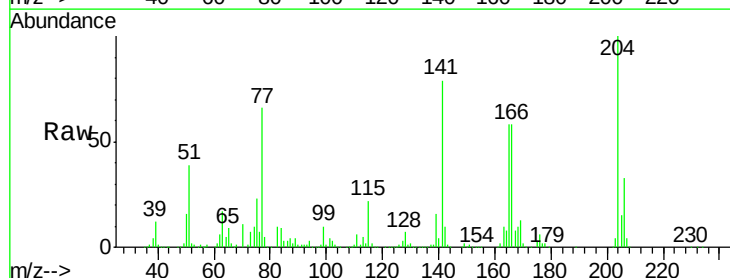
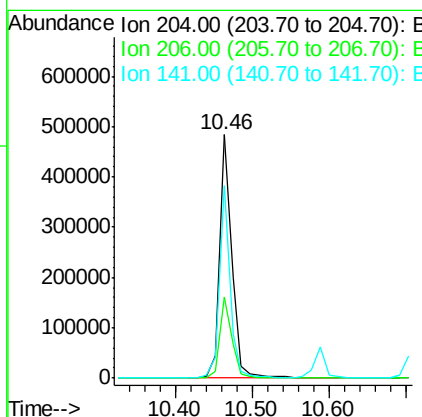
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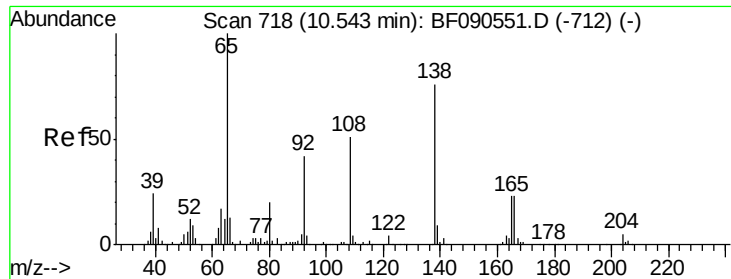
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#60
4-Chlorophenyl-phenylether
Concen: 31.02 ng
RT: 10.46 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	79.3	47.2	70.8





#61

4-Nitroaniline

Concen: 28.60 ng

RT: 10.50 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

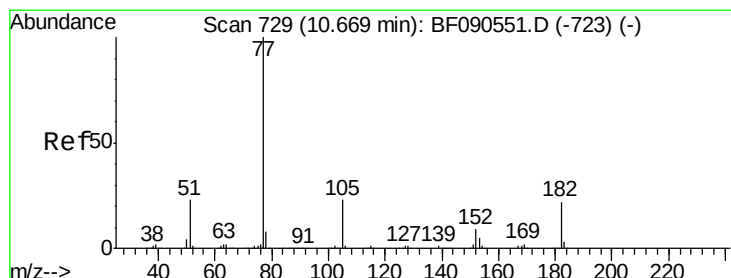
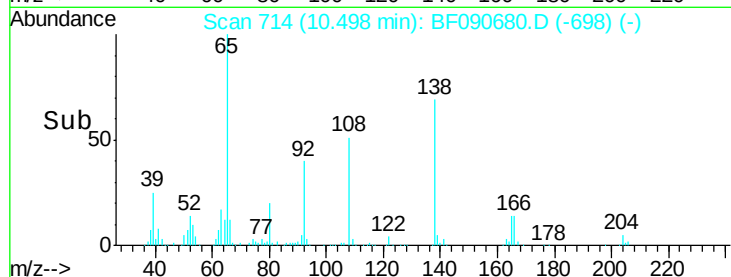
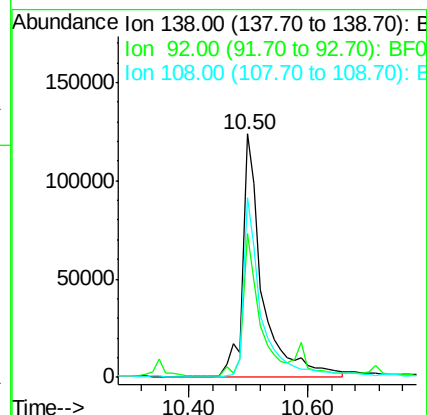
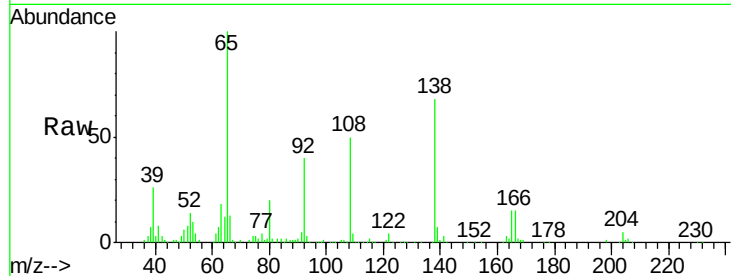
ClientSampleId :

PB94156BS

Tot Ion:	138	Resp:	289002
Ion	Ratio	Lower	Upper
138	100		
92	59.0	35.7	75.7
108	73.6	46.9	86.9

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#62

Azobenzene

Concen: 36.34 ng

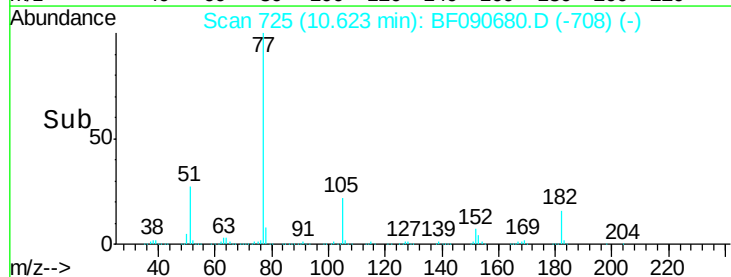
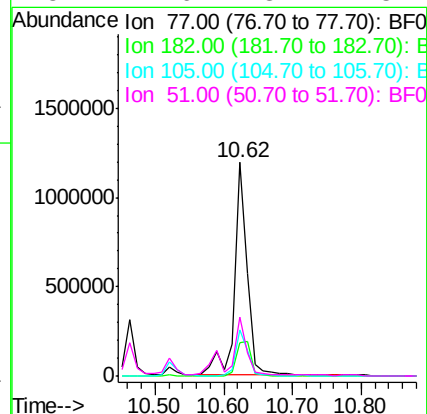
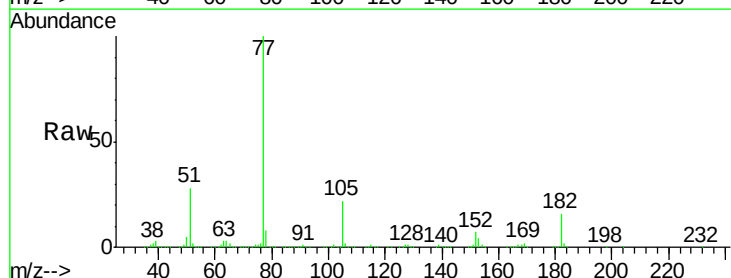
RT: 10.62 min Scan# 725

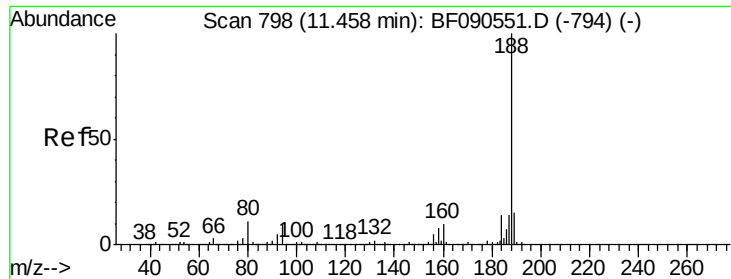
Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Tgt Ion:	77	Resp:	1564534
Ion	Ratio	Lower	Upper
77	100		
182	15.7	2.2	42.2
105	21.7	3.5	43.5
51	27.6	3.7	43.7





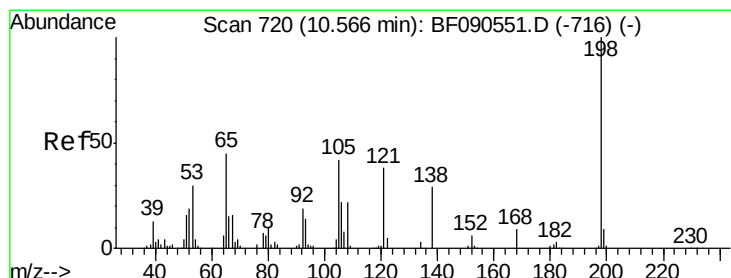
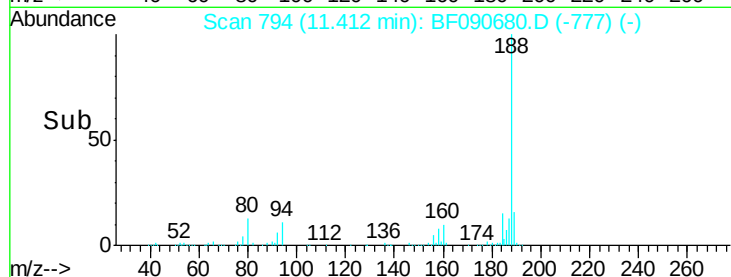
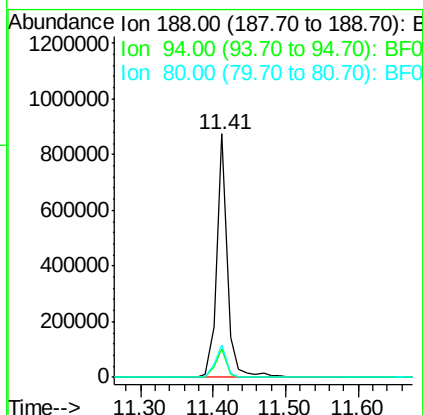
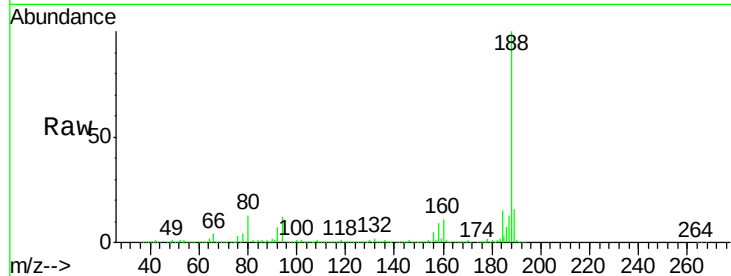
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	895176		
94	11.9		7.7	11.5#
80	13.3		8.6	12.8#

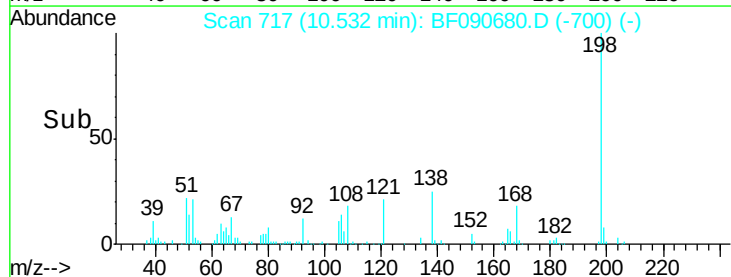
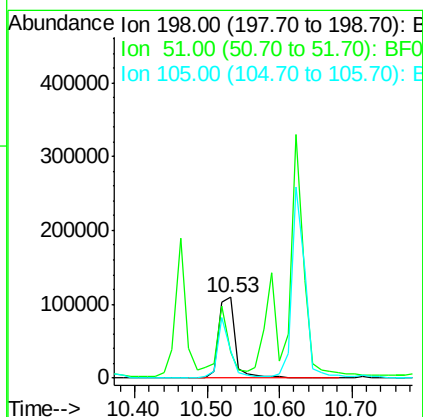
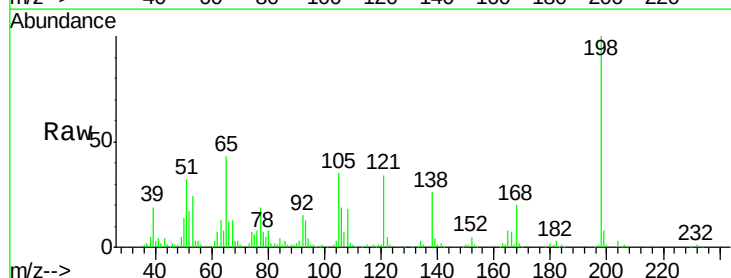
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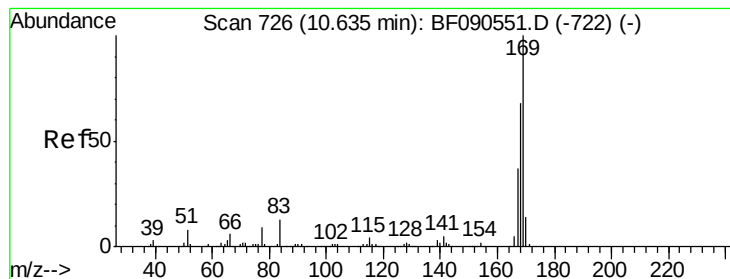
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.37 ng
RT: 10.53 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	175374		
51	32.3		19.7	59.7
105	34.5		22.6	62.6





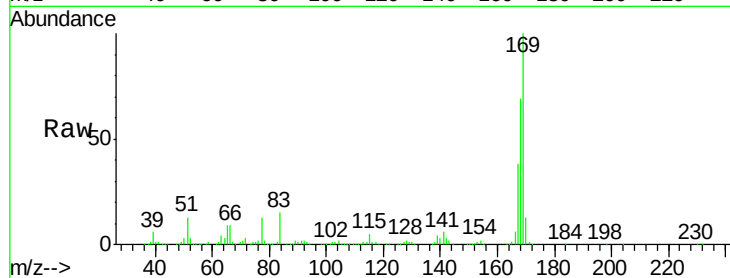
#65
n-Nitrosodiphenylamine
Concen: 36.44 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

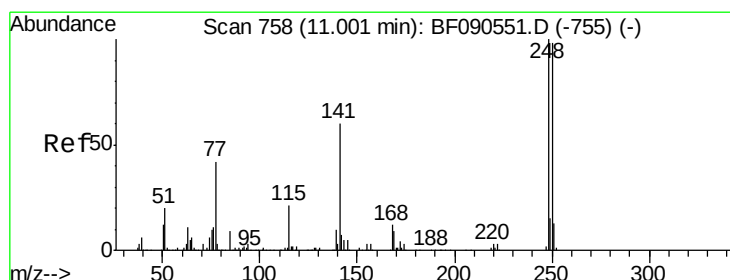
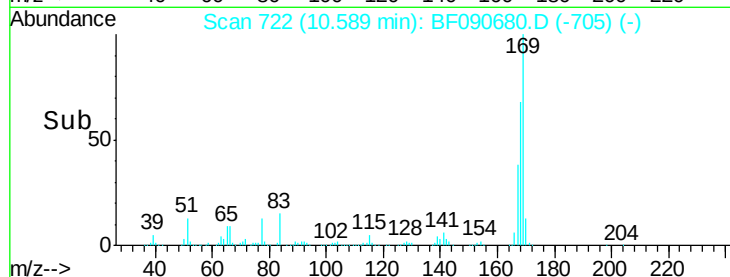
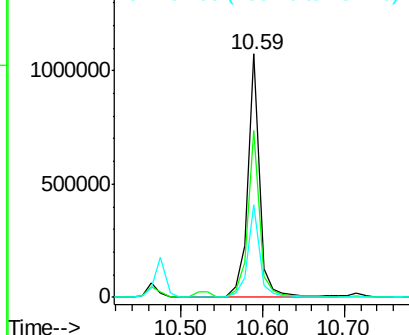
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.6	81.8
167	38.3	29.8	44.8

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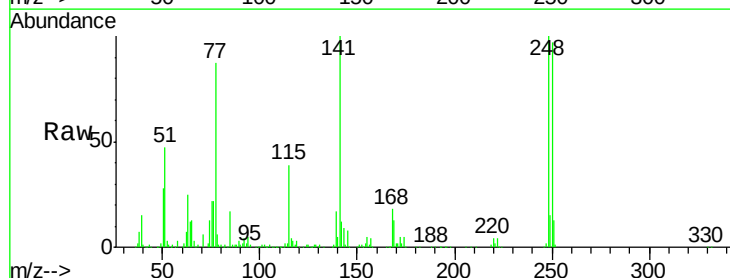


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

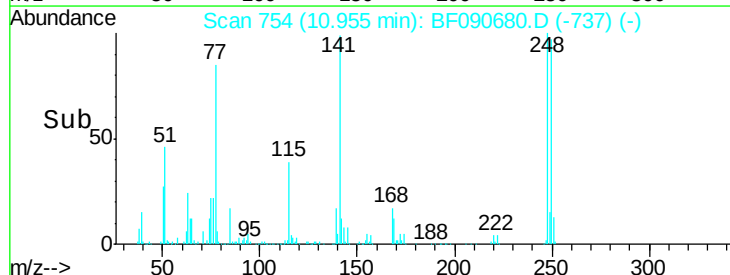
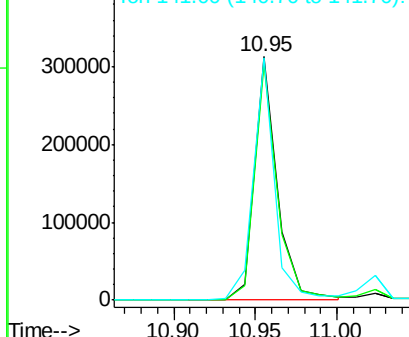


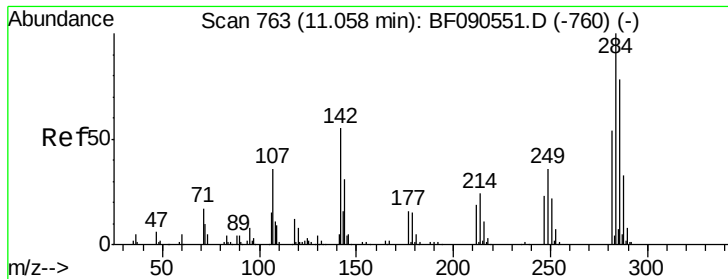
#66
4-Bromophenyl-phenylether
Concen: 31.71 ng
RT: 10.95 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.4	117.6
141	99.6	48.4	72.6



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





#67

Hexachlorobenzene

Concen: 35.67 ng

RT: 11.02 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

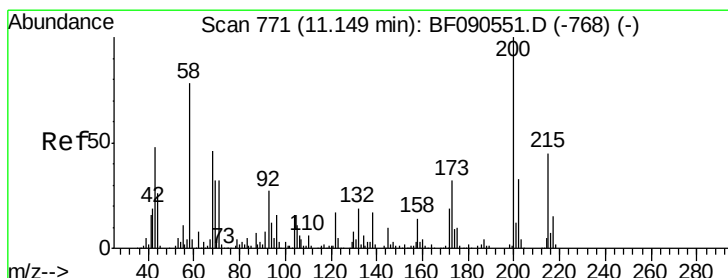
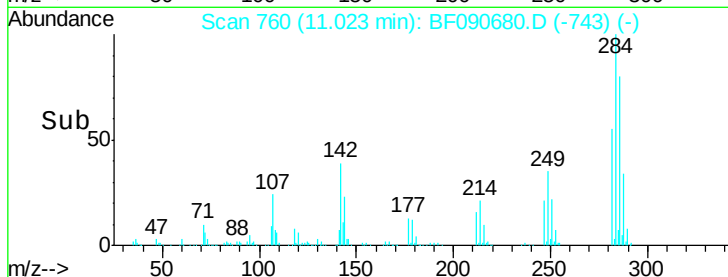
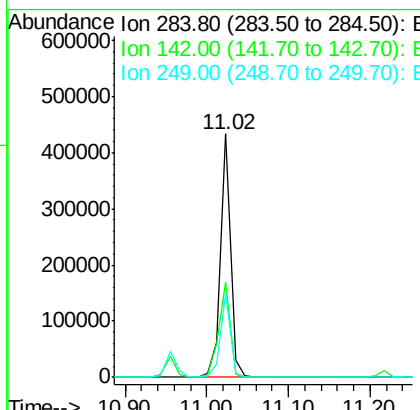
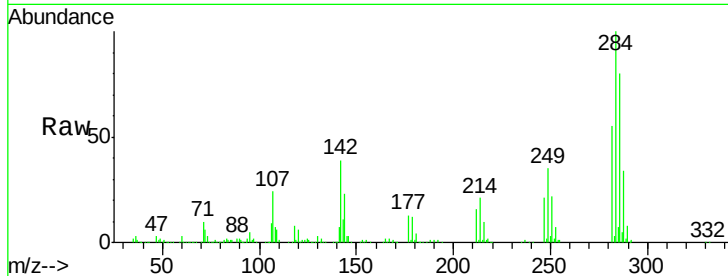
ClientSampleId :

PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	372037		
142	39.0		44.5	66.7#
249	34.6		29.6	44.4

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#68

Atrazine

Concen: 35.08 ng

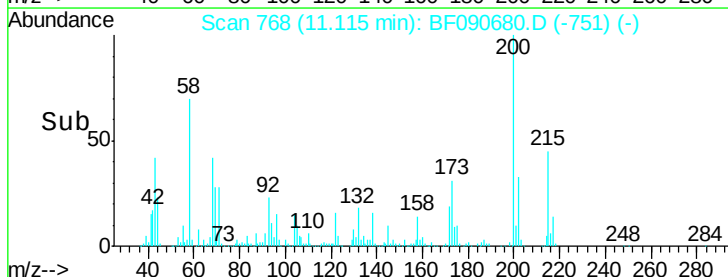
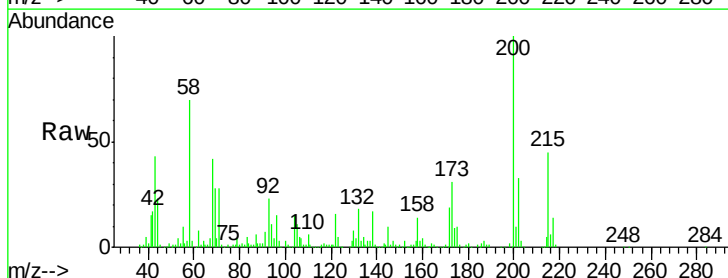
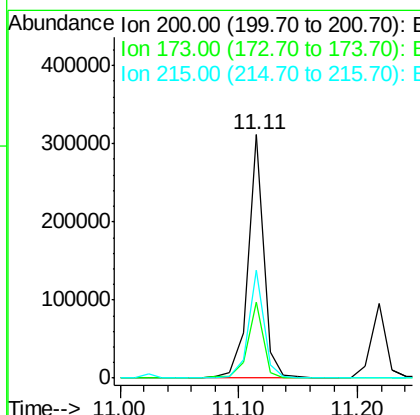
RT: 11.11 min Scan# 768

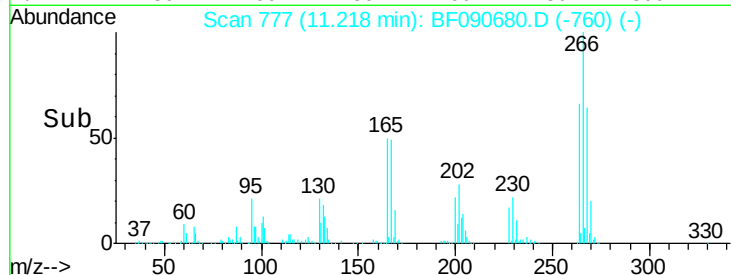
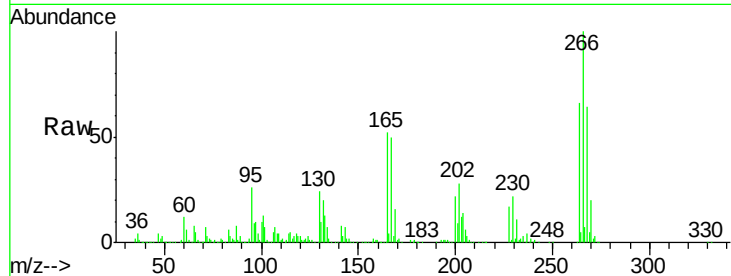
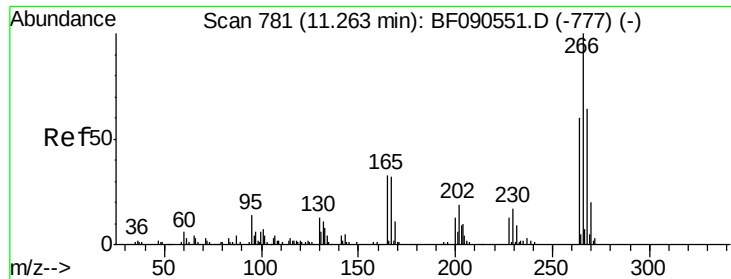
Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	286863		
173	31.0		12.0	52.0
215	44.5		25.2	65.2





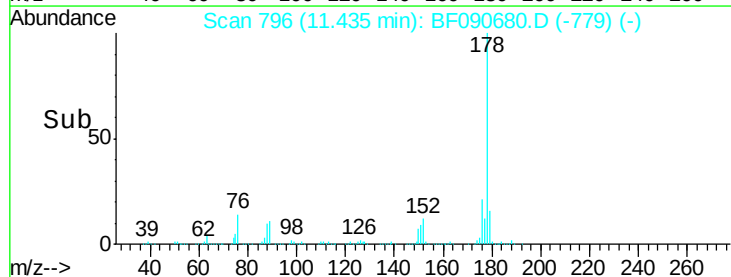
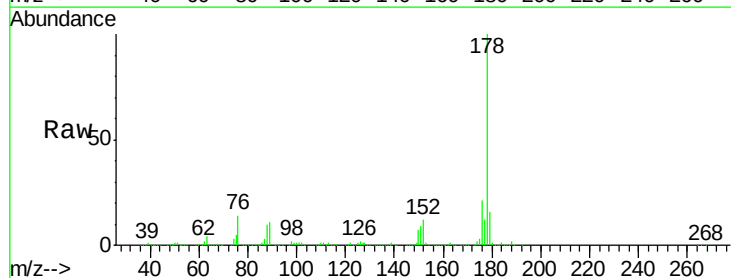
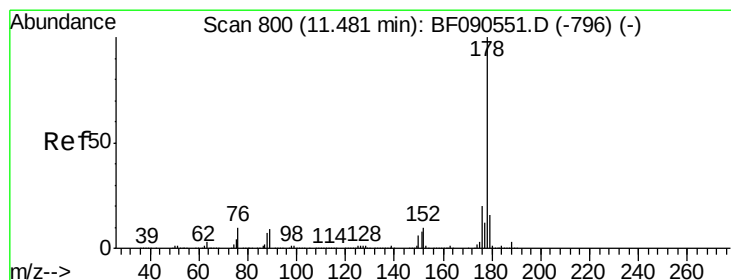
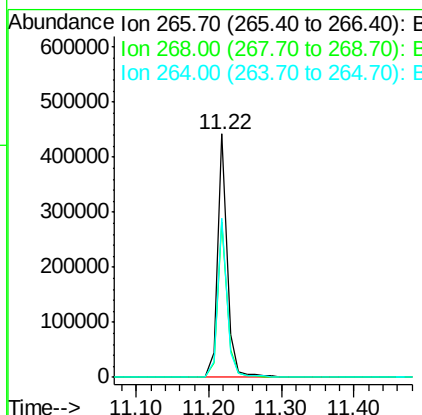
#69
 Pentachlorophenol
 Concen: 79.84 ng
 RT: 11.22 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Tot Ion	Ratio	Resp	Lower	Upper
266	100	412663		
268	63.7	51.5	77.3	
264	65.5	47.9	71.9	

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

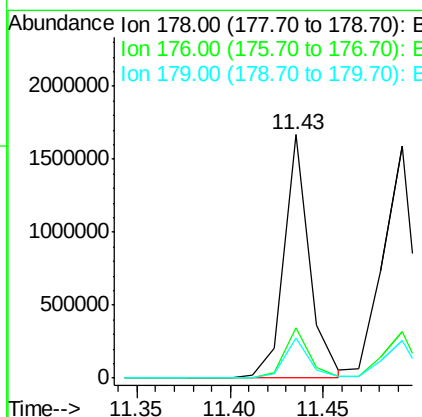
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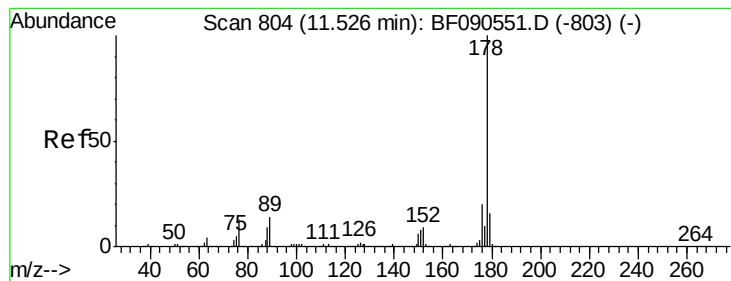
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#70
 Phenanthrene
 Concen: 33.09 ng
 RT: 11.43 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1581151		
176	20.7	16.1	24.1	
179	16.5	12.6	19.0	





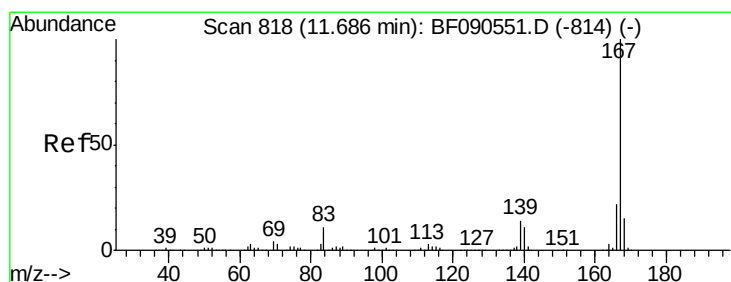
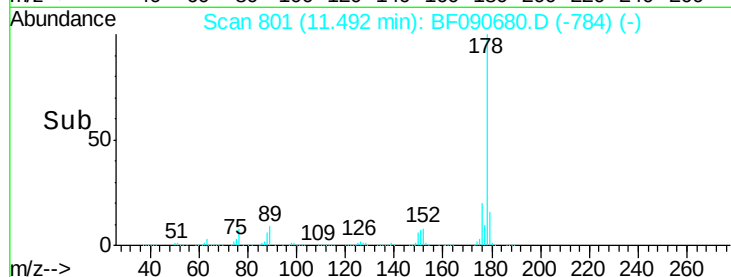
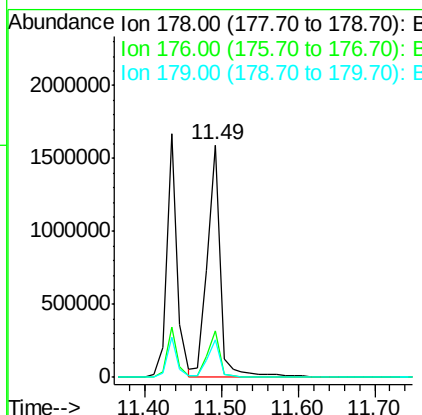
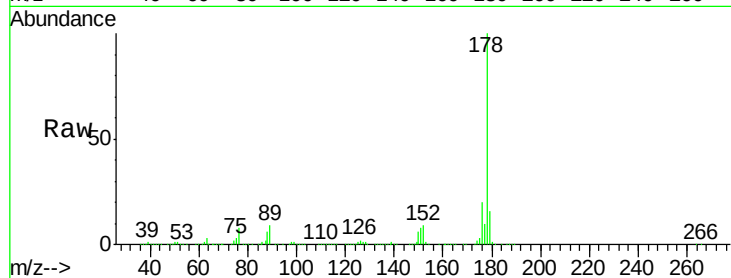
#71
 Anthracene
 Concen: 35.82 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion:178 Resp: 1842319
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.5 23.3
 179 15.9 13.0 19.4

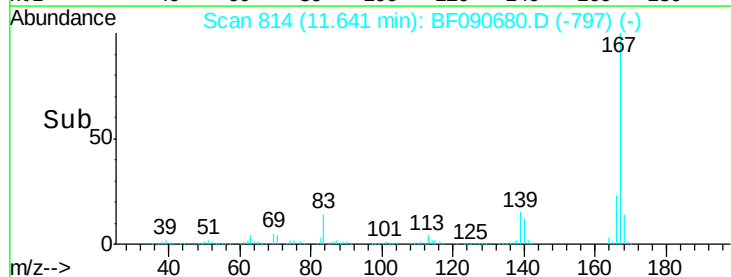
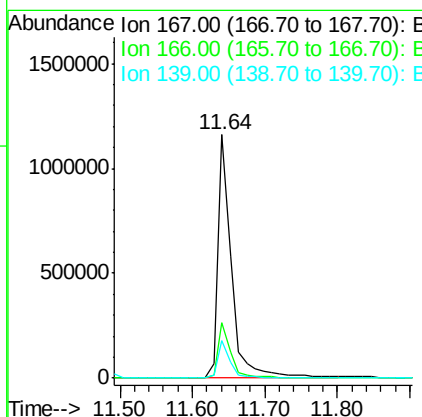
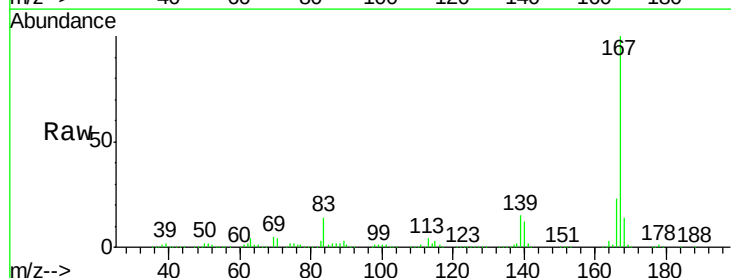
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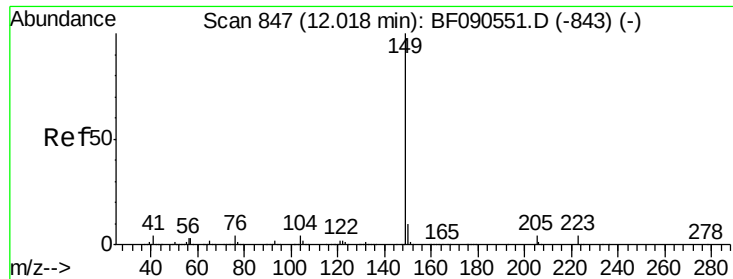
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#72
 Carbazole
 Concen: 32.83 ng
 RT: 11.64 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Tgt Ion:167 Resp: 1511314
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 15.4 11.3 16.9





#73

Di-n-butylphthalate

Concen: 34.31 ng

RT: 11.97 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampled :

PB94156BS

Tot Ion:149 Resp: 1850366

Ion Ratio Lower Upper

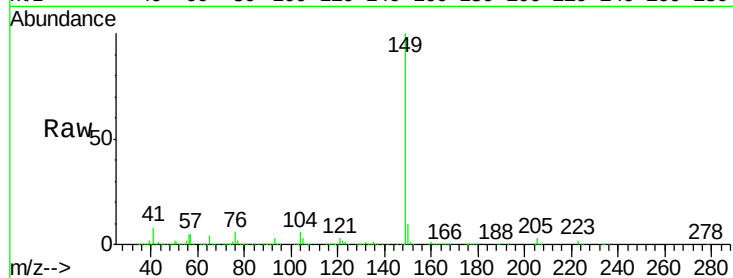
149 100

150 10.3 7.8 11.6

104 5.8 3.3 4.9#

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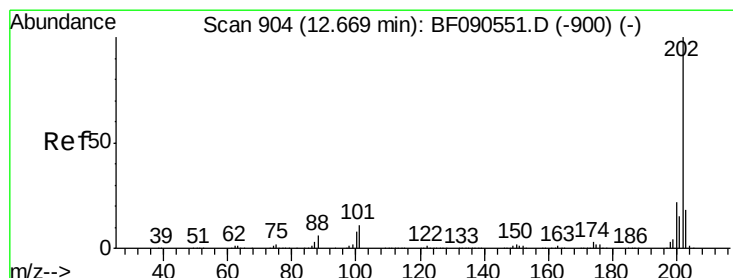
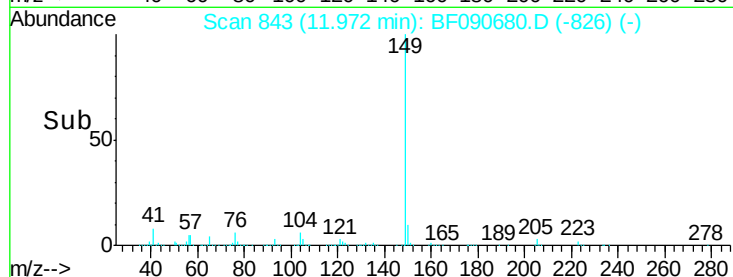
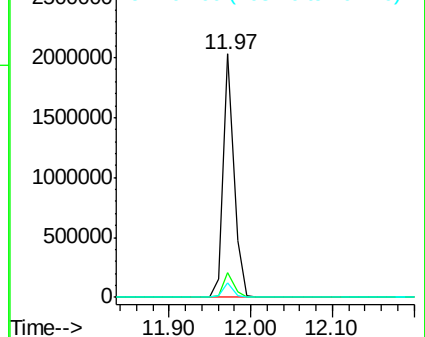
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.25 ng

RT: 12.62 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

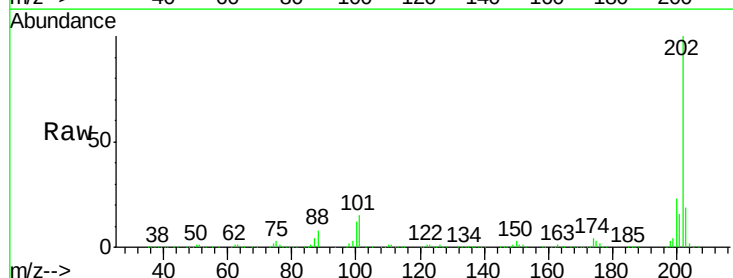
Tgt Ion:202 Resp: 1597933

Ion Ratio Lower Upper

202 100

101 15.5 0.0 31.1

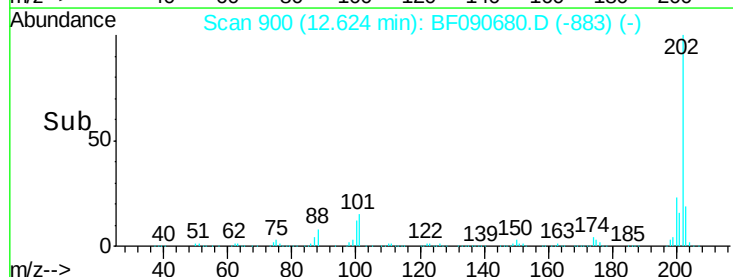
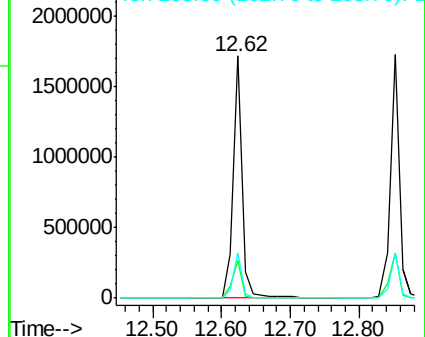
203 18.7 0.0 38.0

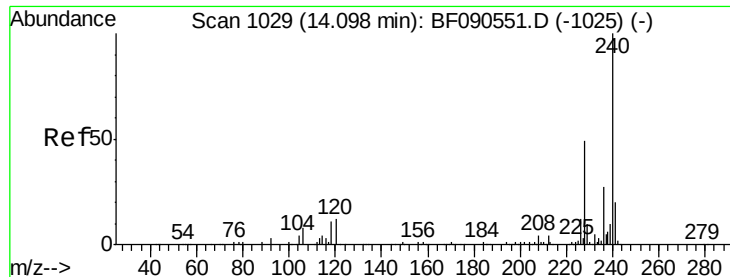


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

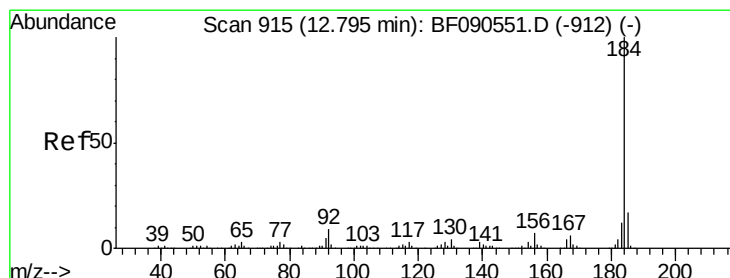
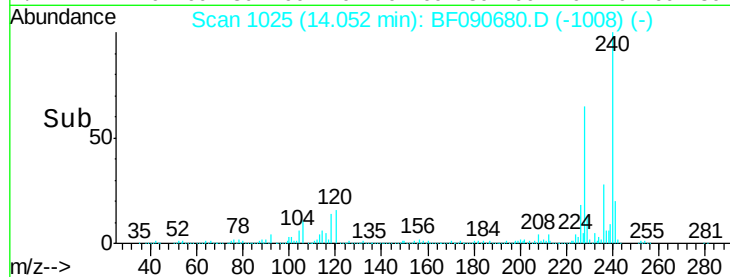
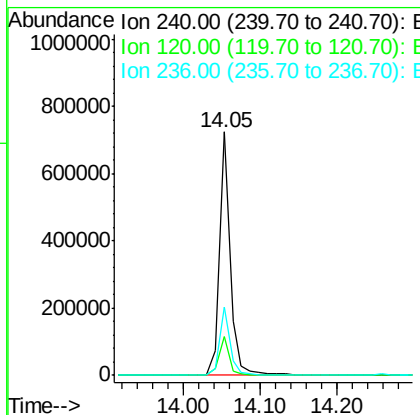
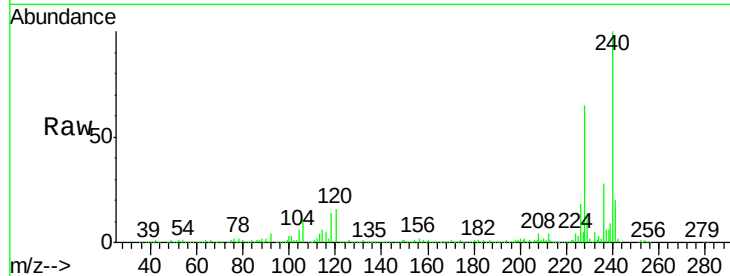
ClientSampleID :

PB94156BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.8	14.8#
236	27.9	21.7	32.5

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#76

Benzidine

Concen: 23.11 ng

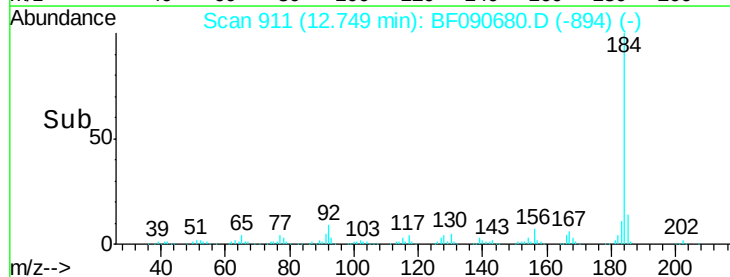
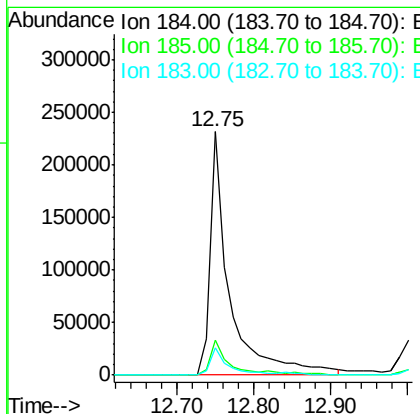
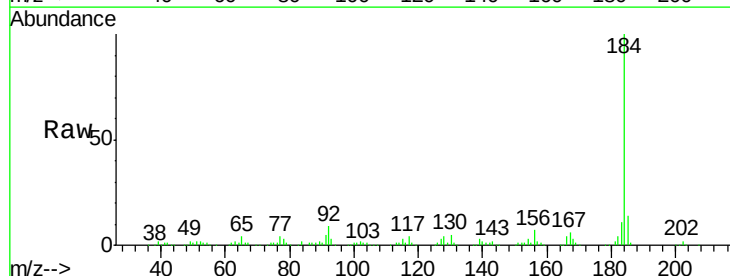
RT: 12.75 min Scan# 911

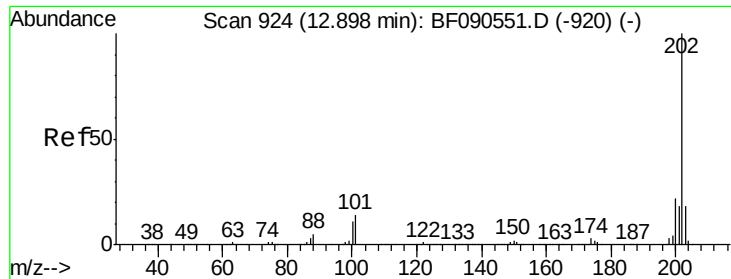
Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	11.1	9.4	14.0





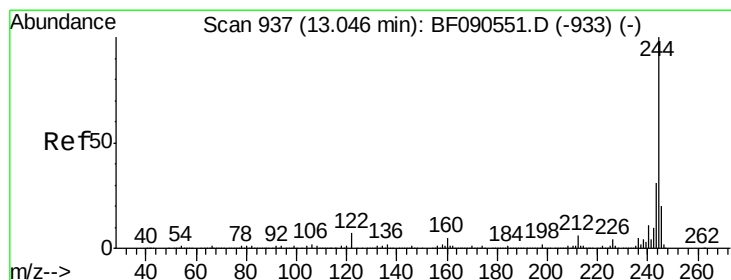
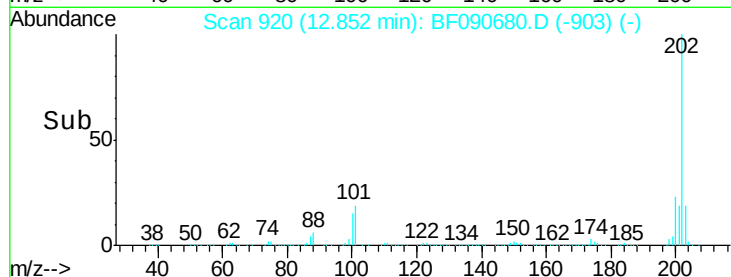
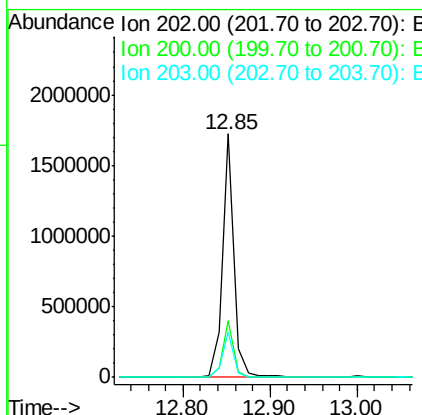
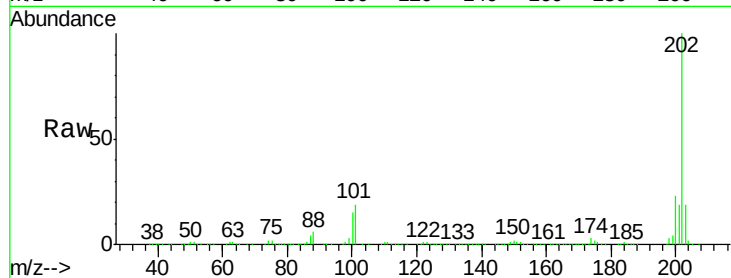
#77
Pvrene
Concen: 34.00 ng
RT: 12.85 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.8	26.6
203	18.7	14.6	21.8

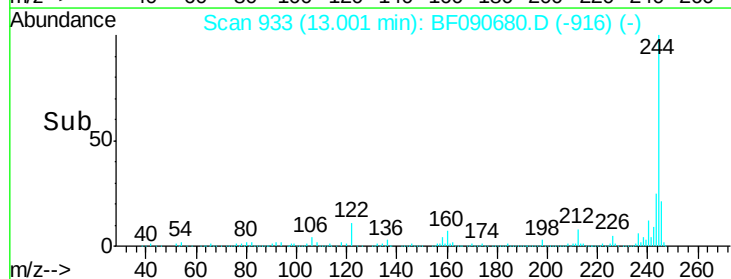
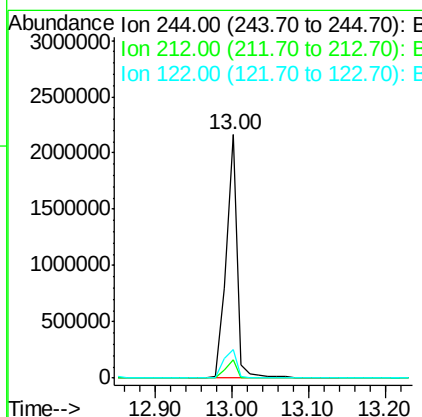
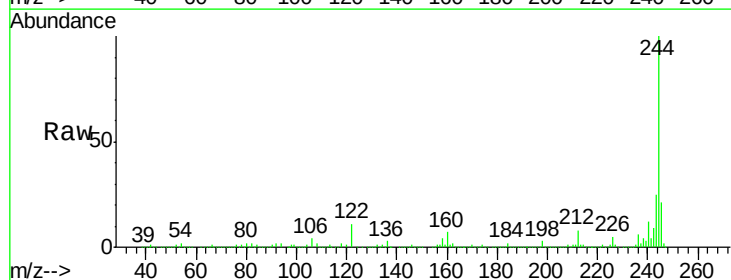
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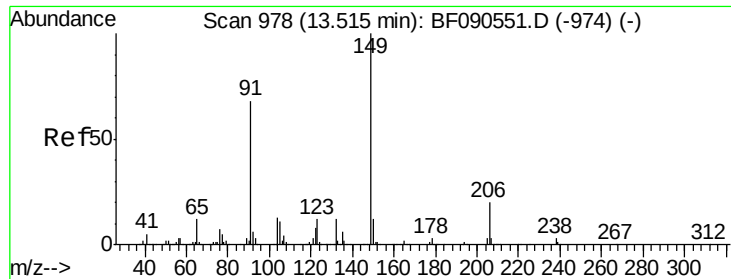
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#78
Terphenyl-d14
Concen: 73.55 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.0	7.4#
122	11.5	5.6	8.4#





#79

Butylbenzylphthalate

Concen: 38.88 ng

RT: 13.47 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

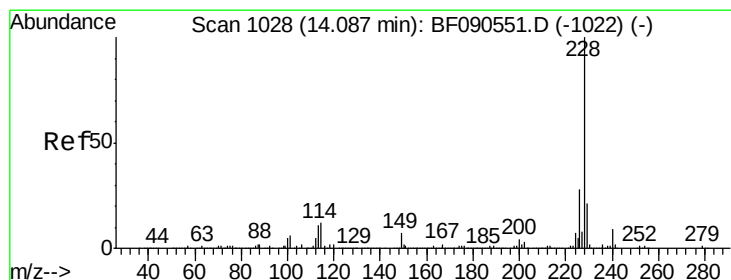
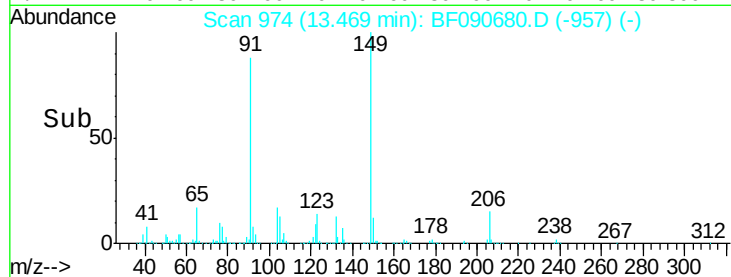
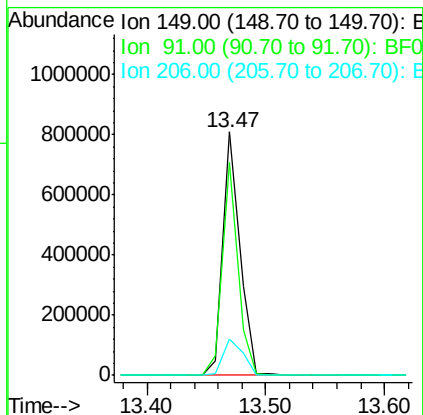
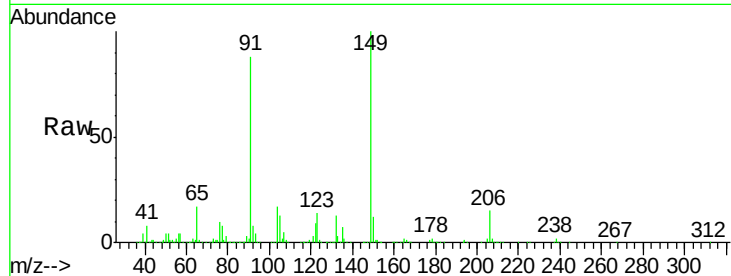
ClientSampleID :

PB94156BS

Tot Ion:	149	Resp:	805554
Ion Ratio	Lower	Upper	
149	100		
91	87.6	54.3	81.5#
206	14.8	15.8	23.6#

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#80

Benzo(a)anthracene

Concen: 34.59 ng

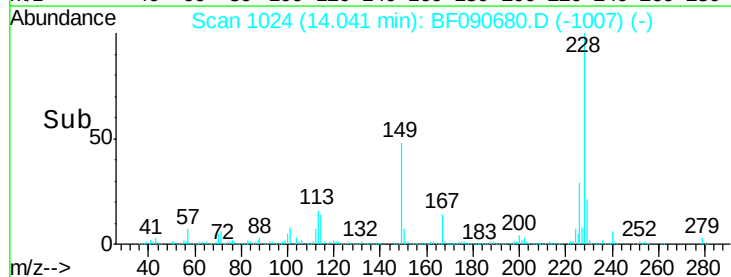
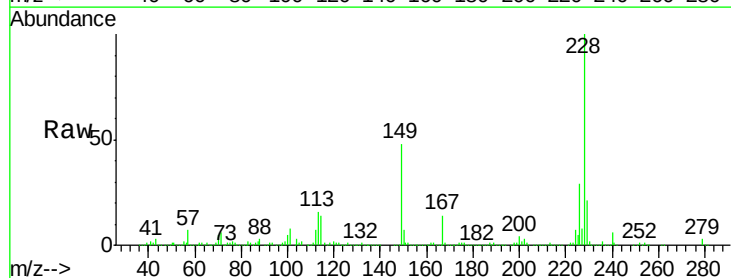
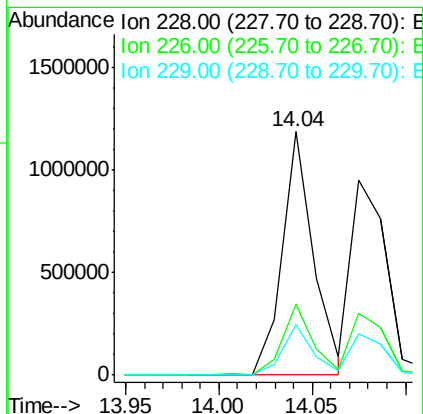
RT: 14.04 min Scan# 1024

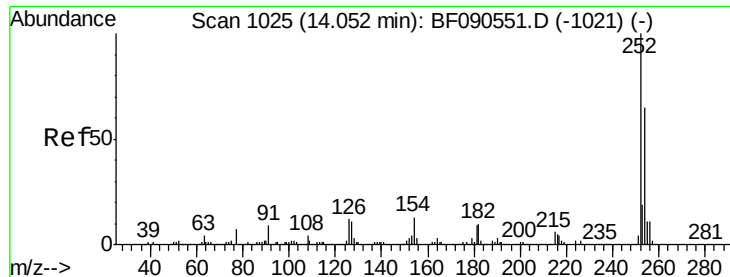
Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Tgt Ion:	228	Resp:	1390457
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.8	34.2
229	20.9	16.6	25.0





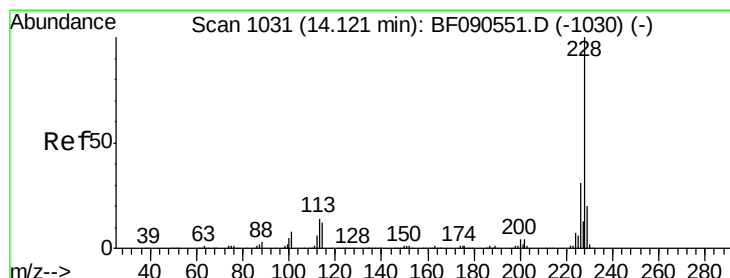
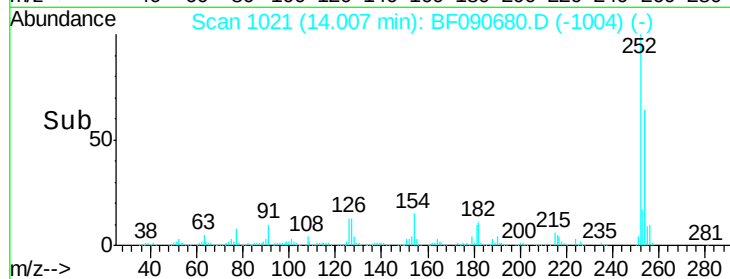
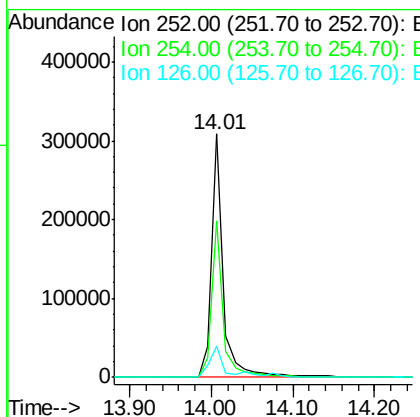
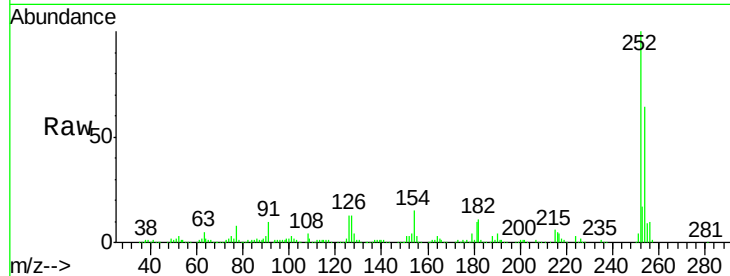
#81
 3,3'-Dichlorobenzidine
 Concen: 23.00 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	315837		
254	64.4	52.1	78.1	
126	13.0	9.3	13.9	

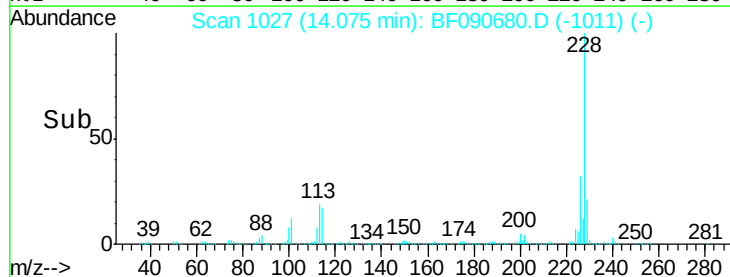
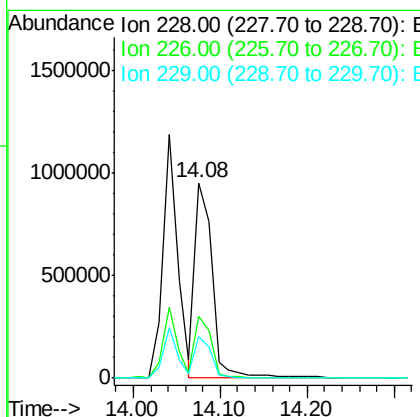
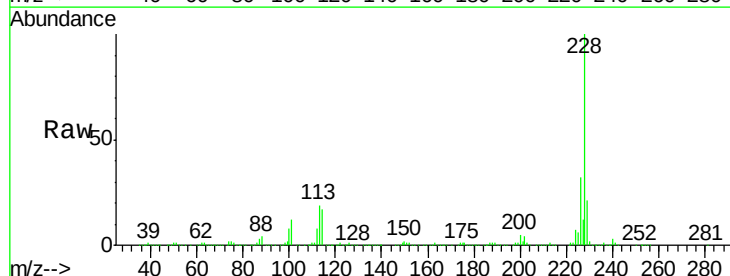
Manual Integrations
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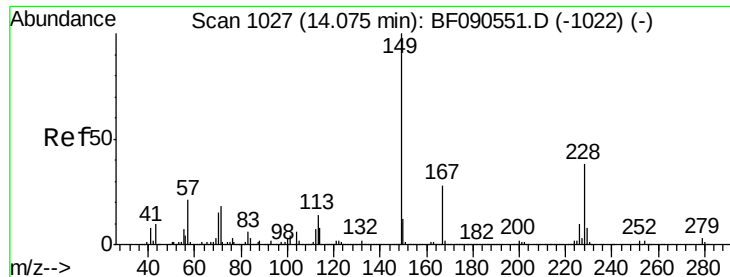
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#82
 Chrysene
 Concen: 33.66 ng
 RT: 14.08 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1303473		
226	31.8	24.8	37.2	
229	20.9	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.56 ng

RT: 14.03 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:149 Resp: 1133679

Ion Ratio Lower Upper

149 100

167 25.0 22.1 33.1

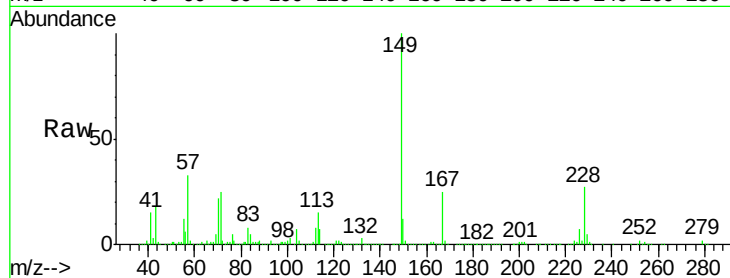
279 1.8 2.6 4.0#

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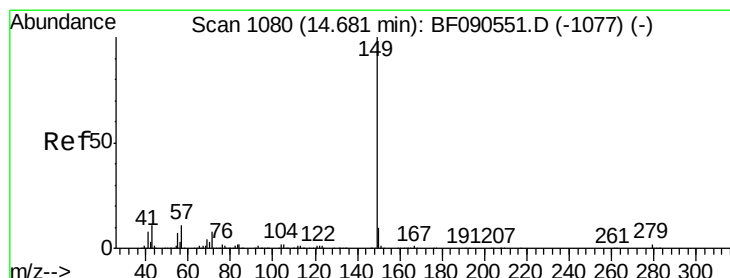
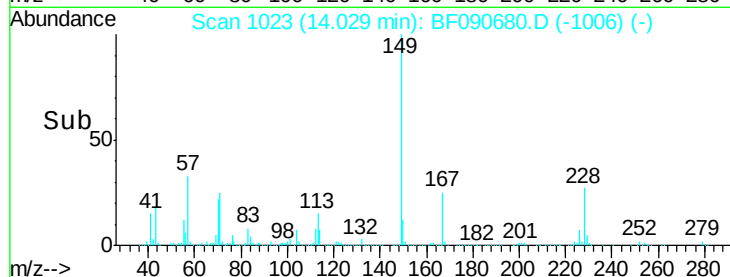
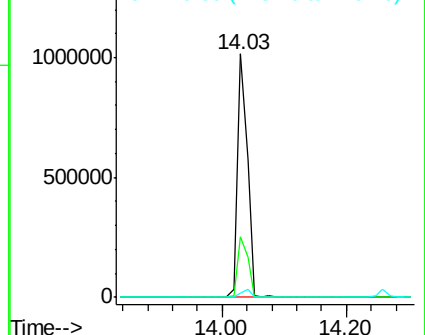
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.95 ng

RT: 14.65 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF090680.D

Acq: 20 Oct 2016 14:20

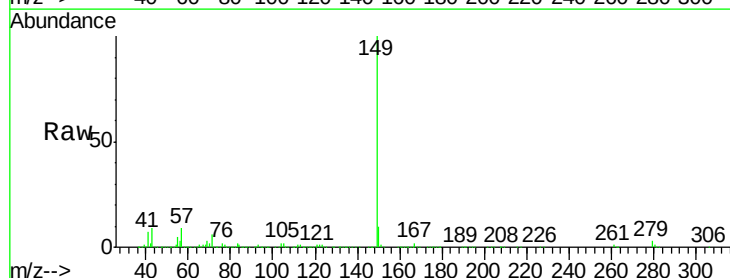
Tgt Ion:149 Resp: 1721995

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

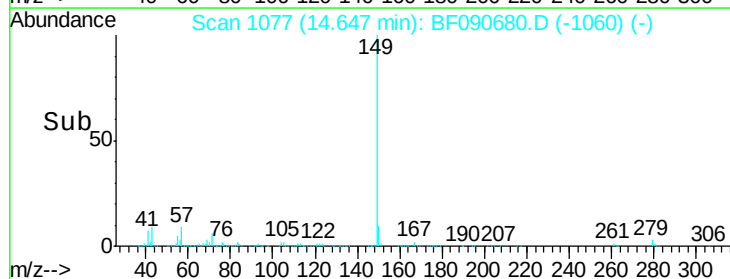
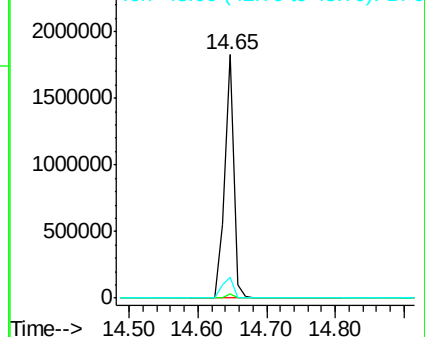
43 10.8 6.7 10.1#

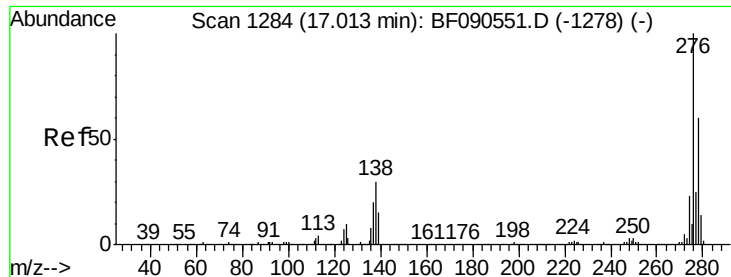


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





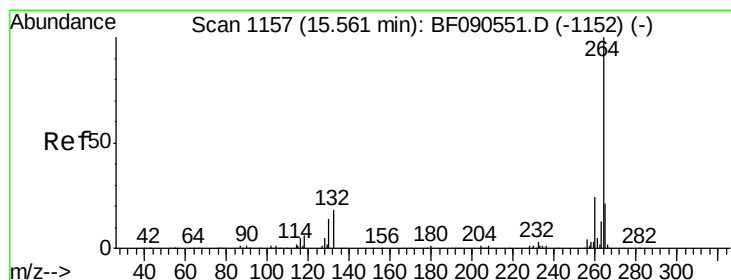
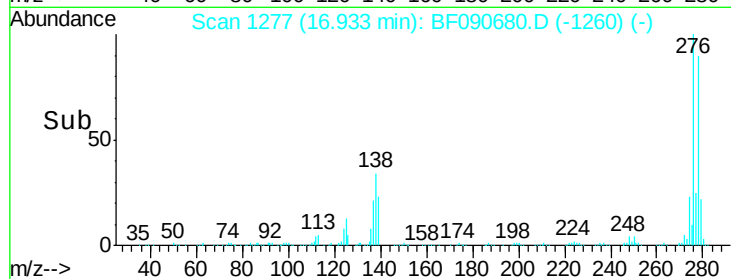
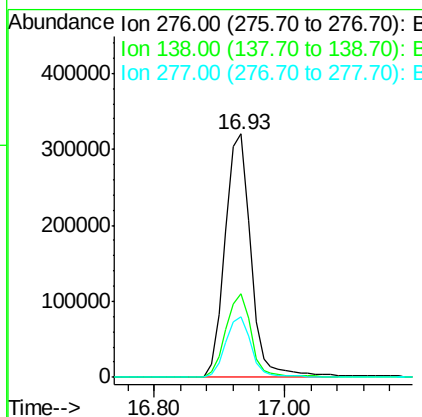
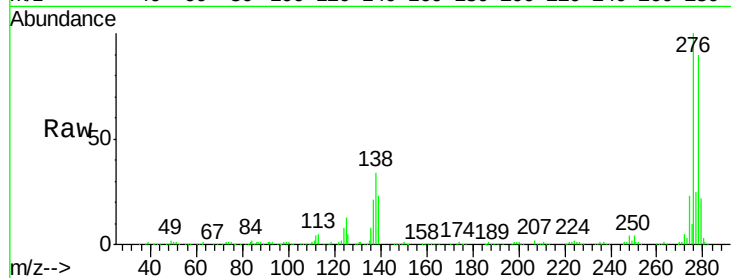
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.36 ng
RT: 16.93 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.8	38.6
277	25.0	20.1	30.1

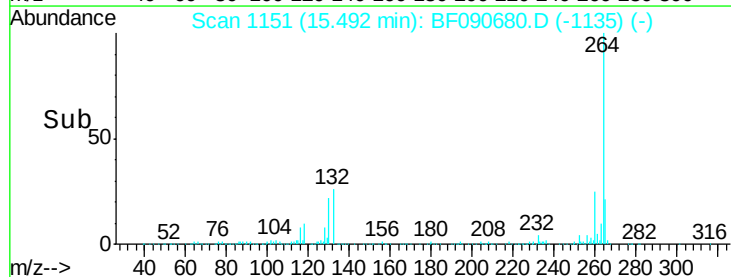
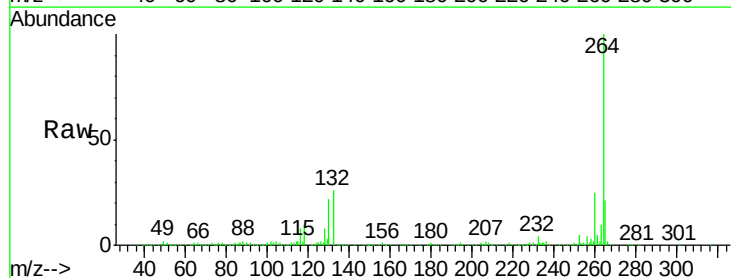
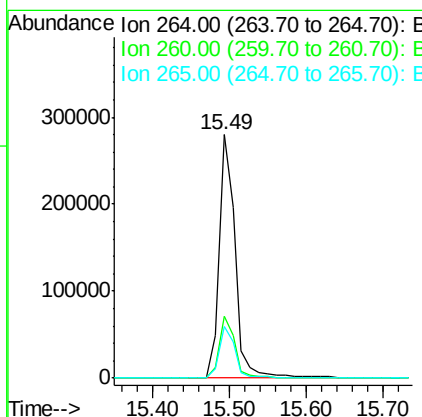
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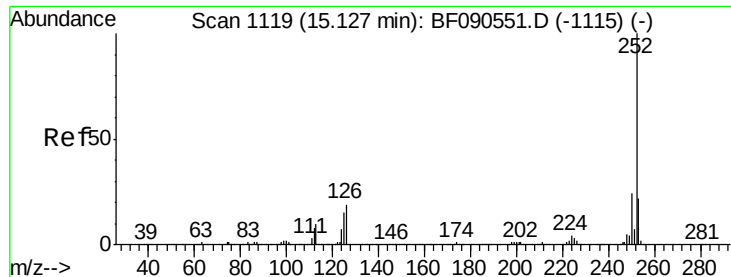
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	21.3	16.7	25.1





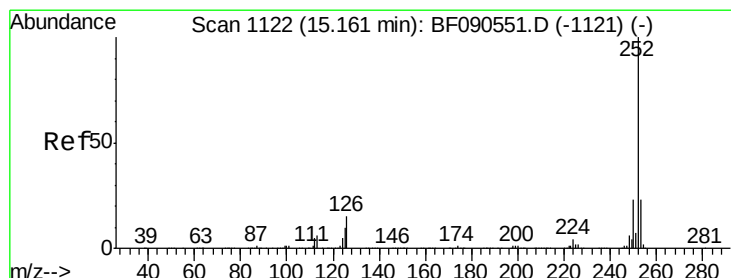
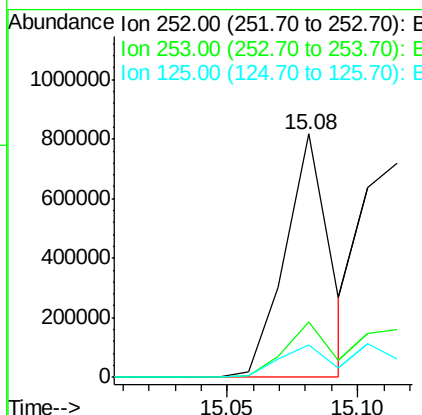
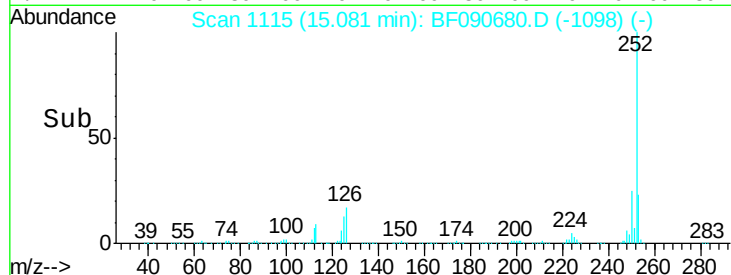
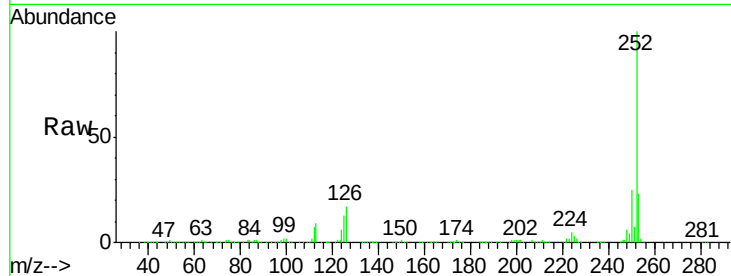
#87
Benzo(b)fluoranthene
Concen: 35.97 ng
RT: 15.08 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	13.1	12.0	18.0

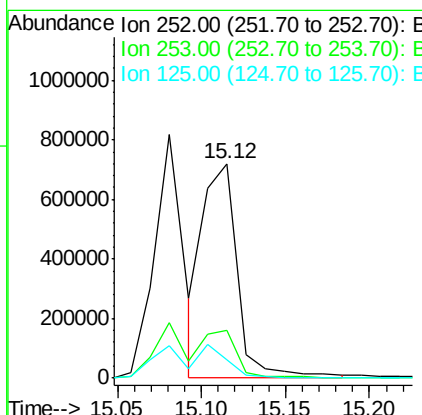
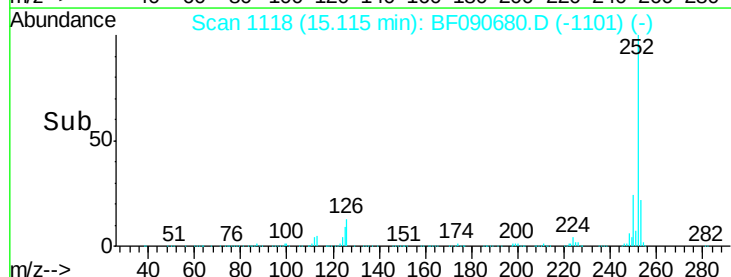
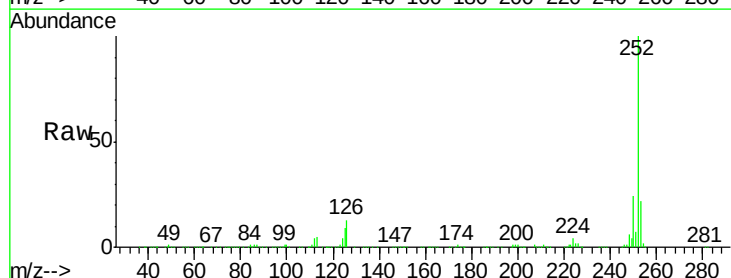
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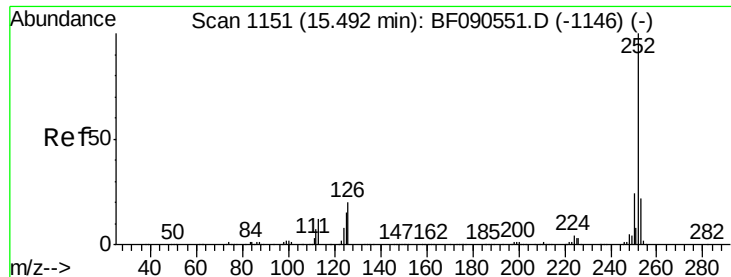
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#88
Benzo(k)fluoranthene
Concen: 36.45 ng m
RT: 15.12 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	8.7	10.0	15.0#





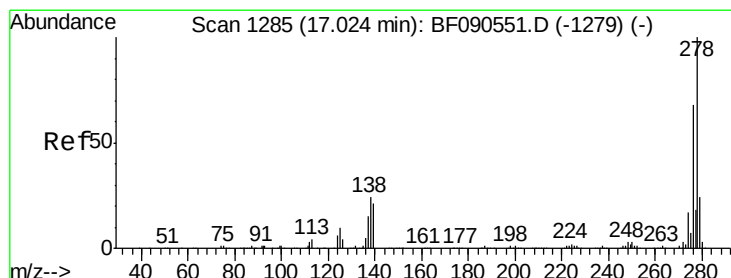
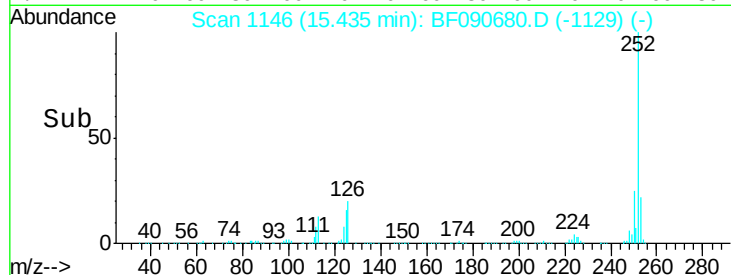
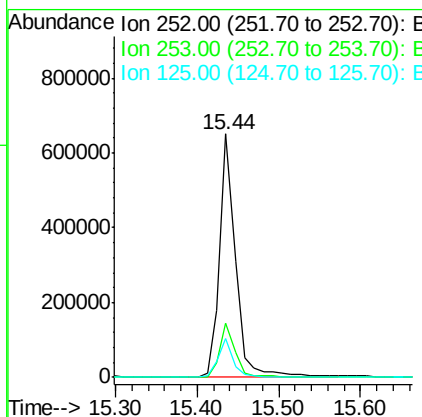
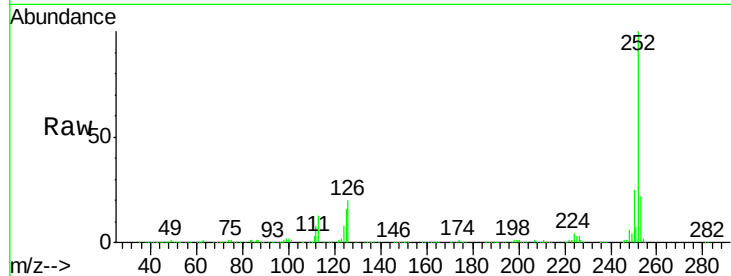
#89
Benzo(a)pyrene
Concen: 35.77 ng
RT: 15.44 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	15.9	12.3	18.5

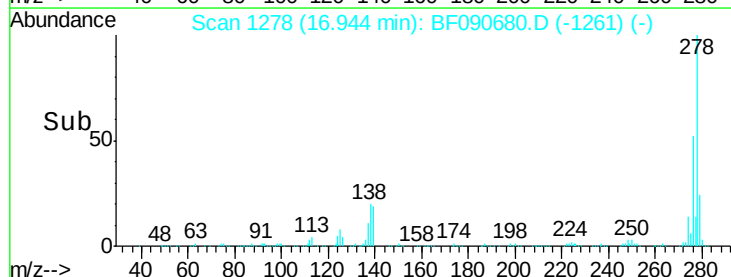
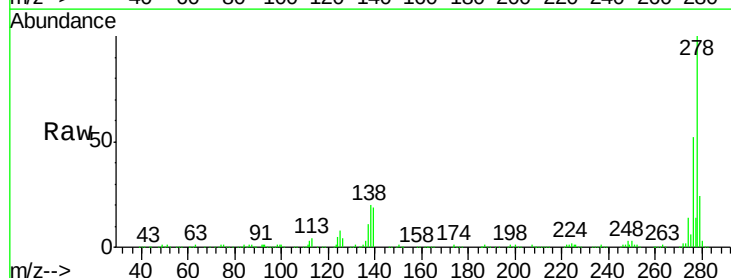
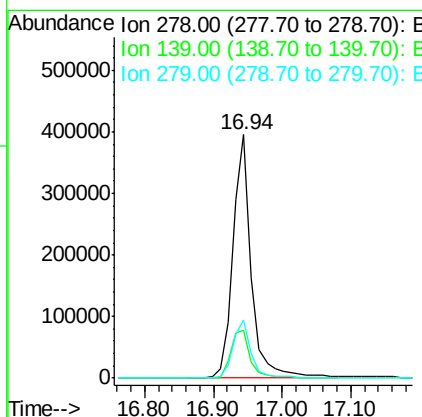
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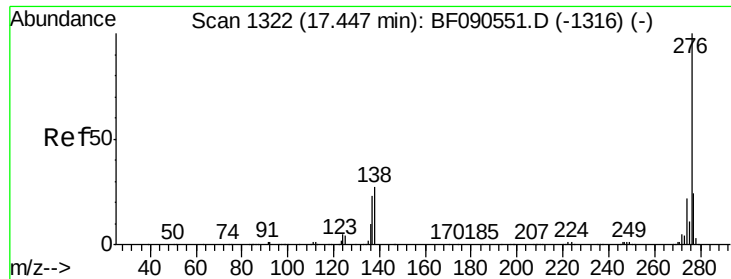
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#90
Dibenzo(a,h)anthracene
Concen: 39.93 ng
RT: 16.94 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.6	25.0
279	24.1	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 39.78 ng
 RT: 17.36 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF090680.D
 Acq: 20 Oct 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	18.8	28.2
138	29.2	21.8	32.8

Manual Integrations
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