

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093739.D
 Acq On : 18 Mar 2017 8:32
 Operator : SJ/MA
 Sample : PB97641BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Manual Integrations
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mohammad
 3/20/2017 12:59:39 PM

Quant Time: Mar 20 01:18:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	191446	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	785684	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	375055	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	633816	20.00	ng	0.00
75) Chrysene-d12	14.00	240	411752	20.00	ng	0.00
86) Perylene-d12	15.41	264	447928	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1661516	144.69	ng	0.01
7) Phenol-d6	6.48	99	1887875	132.65	ng	0.00
23) Nitrobenzene-d5	7.41	82	1267581	96.83	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	394491	160.71	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1977911	99.52	ng	0.00
78) Terphenyl-d14	12.95	244	1539028	80.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	247303	41.71	ng	99
3) Pyridine	3.25	79	711584	43.88	ng	99
4) n-Nitrosodimethylamine	3.19	42	329989	46.50	ng	94
6) Aniline	6.50	93	228098	11.21	ng	# 86
8) 2-Chlorophenol	6.63	128	592387	46.40	ng	95
9) Benzaldehyde	6.39	77	291082	36.35	ng	96
10) Phenol	6.49	94	630997	37.92	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	569226	43.41	ng	99
12) 1,3-Dichlorobenzene	6.79	146	664024	46.94	ng	100
13) 1,4-Dichlorobenzene	6.87	146	681525	47.05	ng	99
14) 1,2-Dichlorobenzene	7.02	146	588749	43.47	ng	99
15) Benzyl Alcohol	6.98	79	515763	48.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	871877	42.17	ng	100
17) 2-Methylphenol	7.11	107	557927	50.48	ng	96
18) Hexachloroethane	7.36	117	236290	45.92	ng	# 76
19) n-Nitroso-di-n-propylamine	7.27	70	434974	46.03	ng	99
20) 3+4-Methylphenols	7.26	107	570794	43.56	ng	99
22) Acetophenone	7.26	105	782747	44.72	ng	98
24) Nitrobenzene	7.43	77	689953	48.76	ng	97
25) Isophorone	7.67	82	1182647	46.93	ng	98
26) 2-Nitrophenol	7.75	139	343191	64.05	ng	99
27) 2,4-Dimethylphenol	7.80	122	620393	50.60	ng	93
28) bis(2-Chloroethoxy)methane	7.89	93	768811	48.34	ng	99
29) 2,4-Dichlorophenol	7.99	162	534692	50.76	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	526211	47.92	ng	99
31) Naphthalene	8.15	128	1749211	45.66	ng	100
32) Benzoic acid	7.91	122	397874	52.12	ng	99
33) 4-Chloroaniline	8.20	127	70008	4.36	ng	96
34) Hexachlorobutadiene	8.29	225	267905	46.59	ng	99
35) Caprolactam	8.57	113	189905m	53.71	ng	
36) 4-Chloro-3-methylphenol	8.69	107	578608	52.17	ng	88
37) 2-Methylnaphthalene	8.85	142	1186889	47.84	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	448495	51.07	ng	99
40) Hexachlorocyclopentadiene	9.01	237	449640	102.48	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	363878	56.19	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	345301	51.72	ng #	85
45) 1,1'-Biphenyl	9.32	154	1414682	53.79	ng	99
46) 2-Chloronaphthalene	9.34	162	1108636	52.54	ng	99
47) 2-Nitroaniline	9.42	65	299856	49.12	ng	99
48) Acenaphthylene	9.75	152	1752969	50.94	ng	100
49) Dimethylphthalate	9.61	163	1171787	47.83	ng	100
50) 2,6-Dinitrotoluene	9.67	165	311039	58.78	ng	97
51) Acenaphthene	9.92	154	1158455	57.12	ng	99
52) 3-Nitroaniline	9.83	138	73749	11.75	ng	87
53) 2,4-Dinitrophenol	9.94	184	270417	103.27	ng #	52
54) Dibenzofuran	10.09	168	1476876	53.57	ng	98
55) 4-Nitrophenol	10.00	139	592399	125.08	ng	91
56) 2,4-Dinitrotoluene	10.07	165	350772	49.80	ng #	74
57) Fluorene	10.44	166	1108596	49.57	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	261030	56.85	ng	97
59) Diethylphthalate	10.32	149	1243250	53.32	ng	96
60) 4-Chlorophenyl-phenylether	10.42	204	442556	46.97	ng	98
61) 4-Nitroaniline	10.45	138	277598	47.51	ng	90
62) Azobenzene	10.58	77	1310631	55.63	ng	100
64) 4,6-Dinitro-2-methylphenol	10.48	198	184542	54.02	ng #	43
65) n-Nitrosodiphenylamine	10.55	169	1073866	50.19	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	282840	47.21	ng	96
67) Hexachlorobenzene	10.98	284	305299	48.75	ng #	93
68) Atrazine	11.08	200	337589	54.79	ng	97
69) Pentachlorophenol	11.17	266	341513	95.19	ng	99
70) Phenanthrene	11.39	178	1599653	44.64	ng	99
71) Anthracene	11.44	178	1585128	45.21	ng	100
72) Carbazole	11.59	167	1462430	39.84	ng	99
73) Di-n-butylphthalate	11.93	149	1715278	45.72	ng	100
74) Fluoranthene	12.57	202	1623943	46.76	ng	100
76) Benzidine	12.69	184	474031	29.46	ng	95
77) Pyrene	12.80	202	1700124	48.55	ng	100
79) Butylbenzylphthalate	13.43	149	800879	53.84	ng	100
80) Benzo(a)anthracene	13.98	228	1296922	49.08	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	173379	18.70	ng	98
82) Chrysene	14.03	228	1295463	50.72	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	843200	51.55	ng	100
84) Di-n-octyl phthalate	14.60	149	1764921	58.53	ng	98
85) Indeno(1,2,3-cd)pyrene	16.79	276	1132595	52.36	ng	99
87) Benzo(b)fluoranthene	15.01	252	1235470	43.51	ng	98
88) Benzo(k)fluoranthene	15.04	252	1248893m	49.77	ng	
89) Benzo(a)pyrene	15.35	252	1183519	47.16	ng	97
90) Dibenzo(a,h)anthracene	16.80	278	950728	44.78	ng	96
91) Benzo(g,h,i)perylene	17.20	276	929687	43.06	ng	96

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

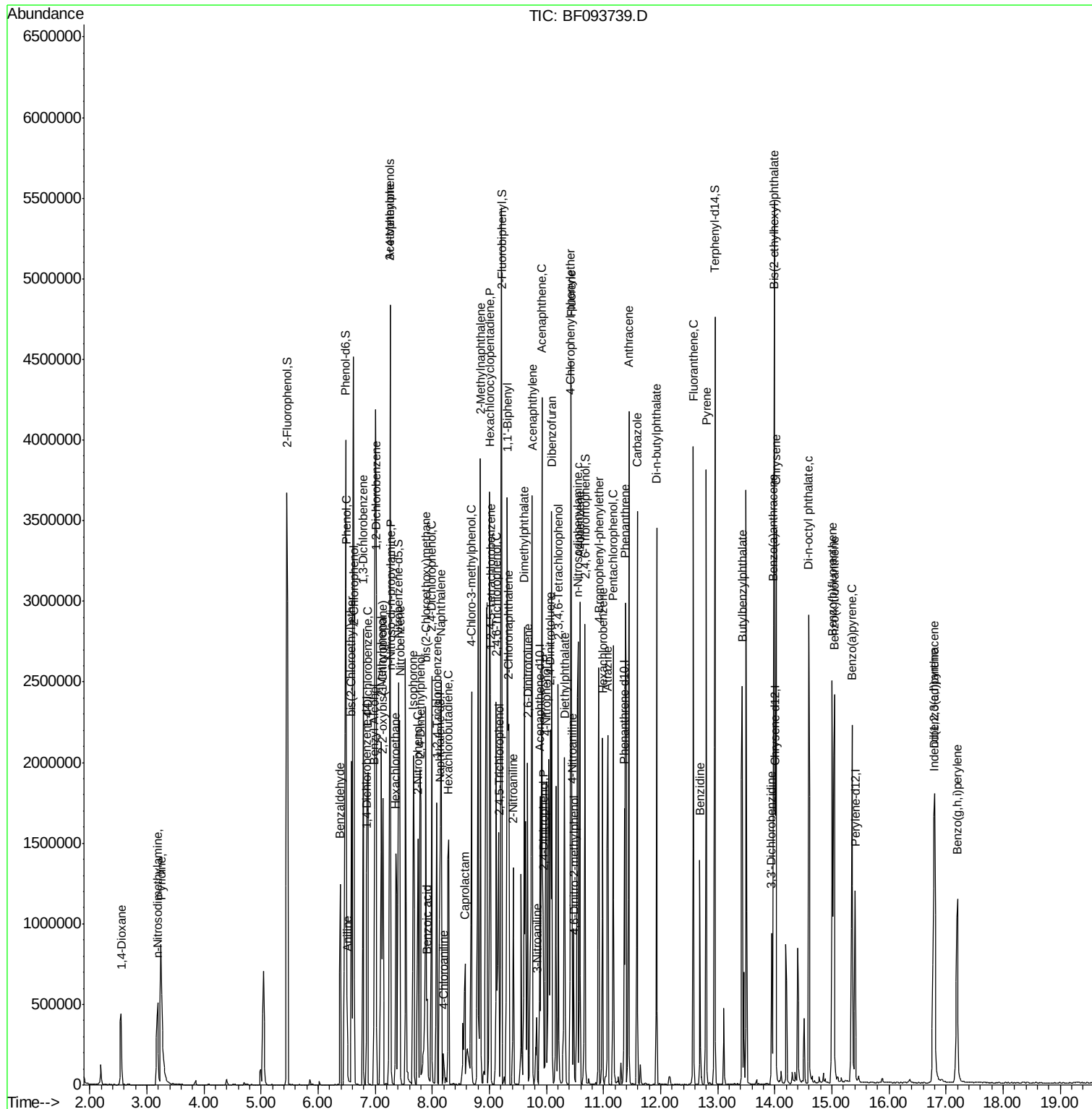
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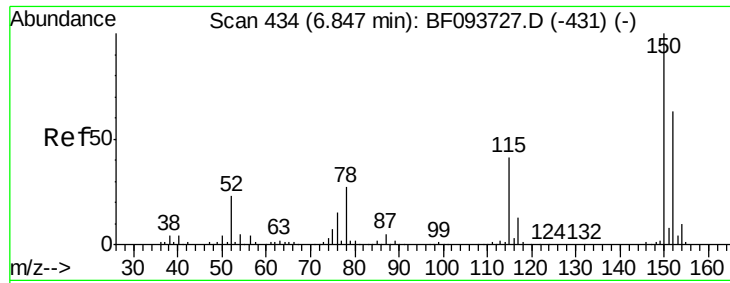
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

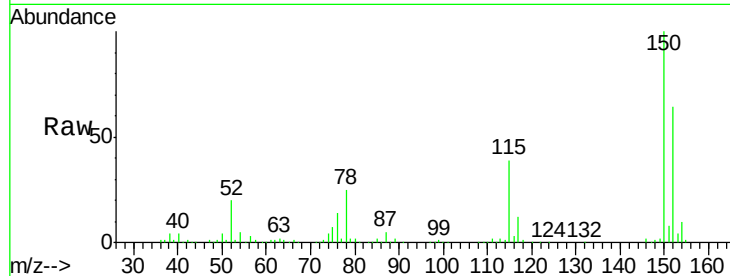
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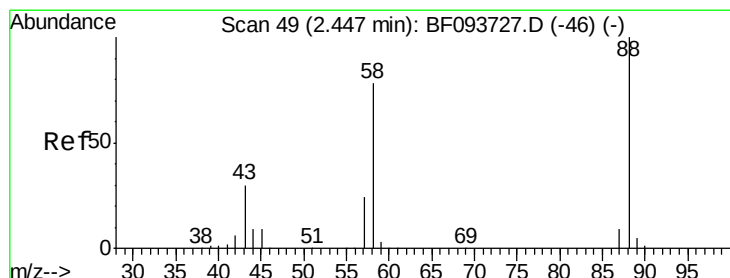
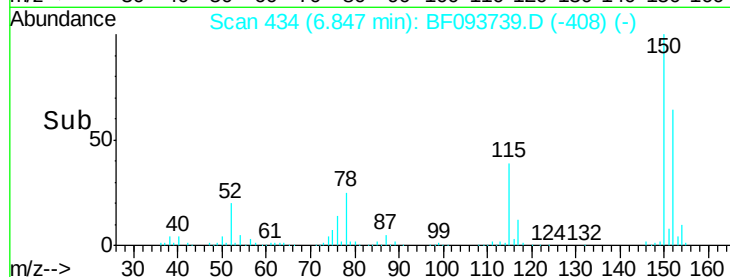
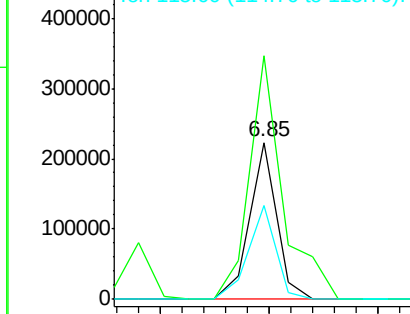
Tgt	Ion	152	Resp:	191446
	Ion	Ratio	Lower	Upper
	152	100		
	150	155.5	126.2	189.2
	115	60.1	52.2	78.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.71 ng

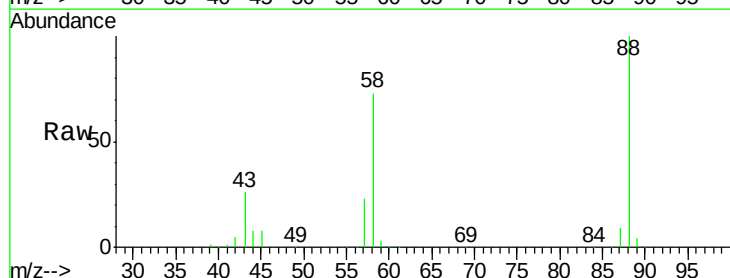
RT: 2.55 min Scan# 58

Delta R.T. 0.10 min

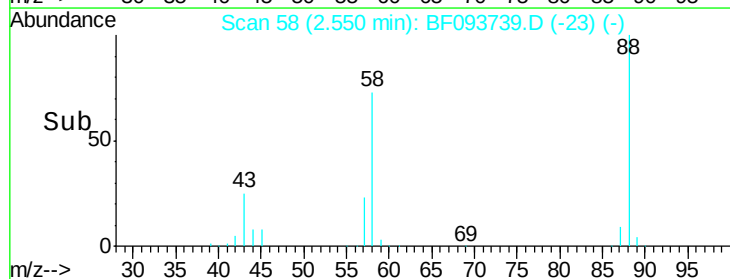
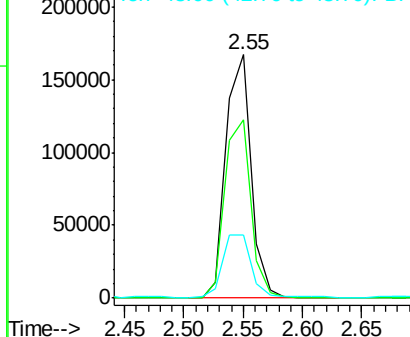
Lab File: BF093739.D

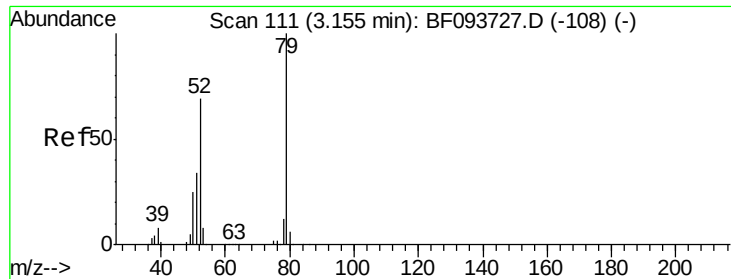
Acq: 18 Mar 2017 8:32

Tgt	Ion	88	Resp:	247303
	Ion	Ratio	Lower	Upper
	88	100		
	58	76.2	61.4	92.0
	43	28.9	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





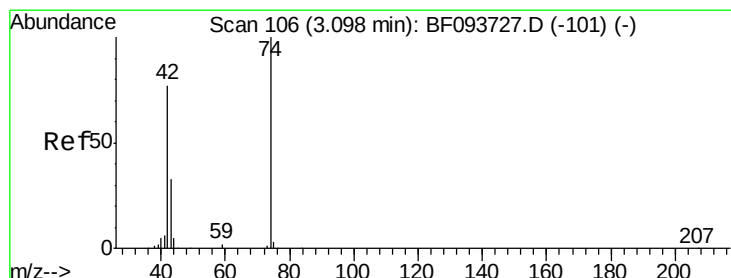
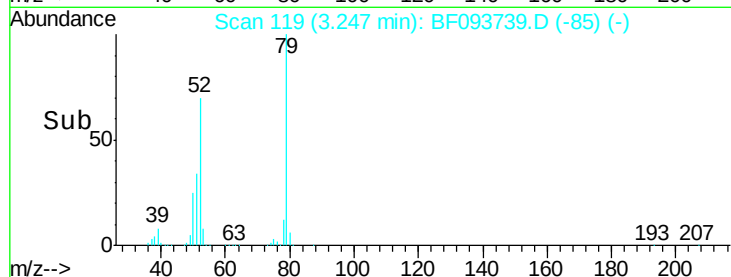
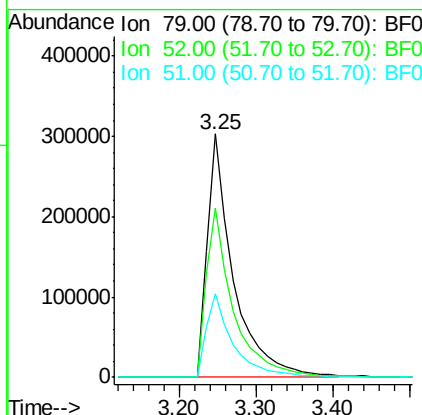
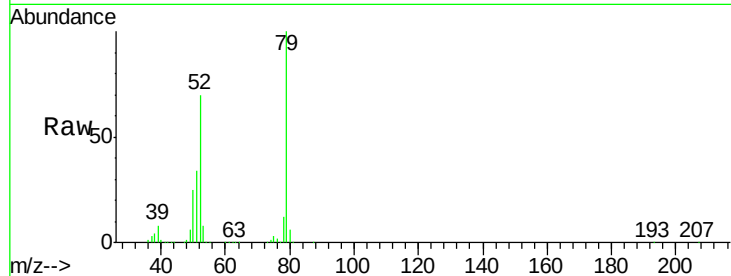
#3
 Pyridine
 Concen: 43.88 ng
 RT: 3.25 min Scan# 119
 Delta R.T. 0.09 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.6	54.8	82.2
51	34.3	27.0	40.4

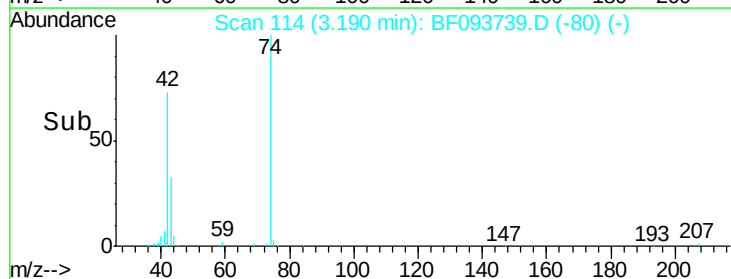
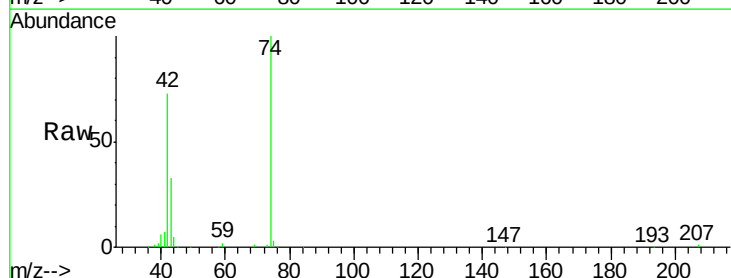
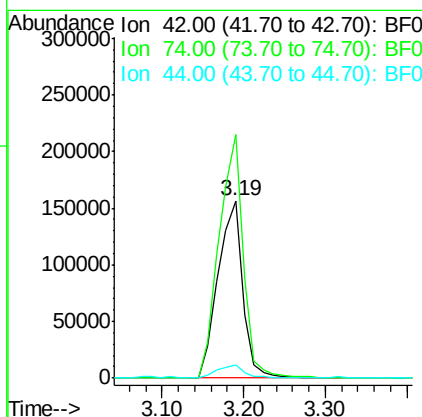
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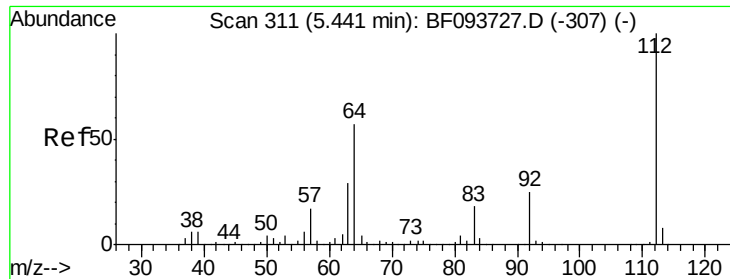
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#4
 n-Nitrosodimethylamine
 Concen: 46.50 ng
 RT: 3.19 min Scan# 114
 Delta R.T. 0.09 min
 Lab File: BF093739.D
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Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.4	103.9	155.9
44	7.4	5.7	8.5





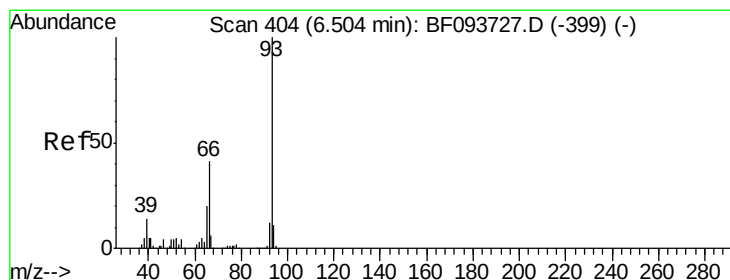
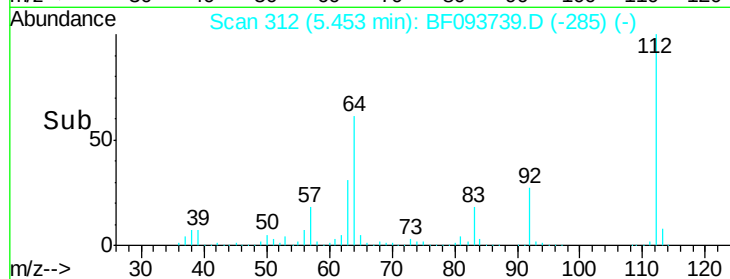
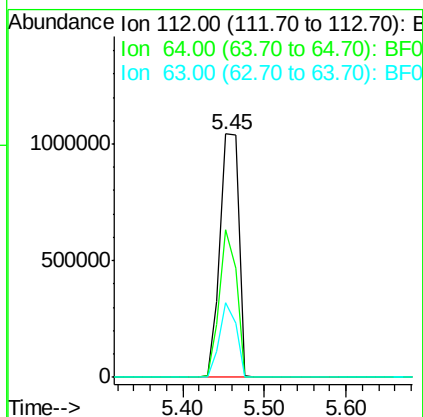
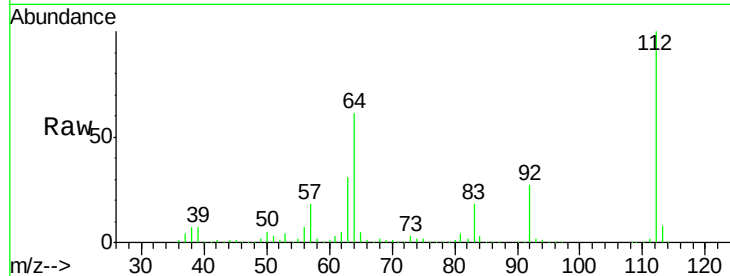
#5
2-Fluorophenol
Concen: 144.69 ng
RT: 5.45 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1661516		
64	60.9	46.0	69.0	
63	30.6	23.4	35.0	

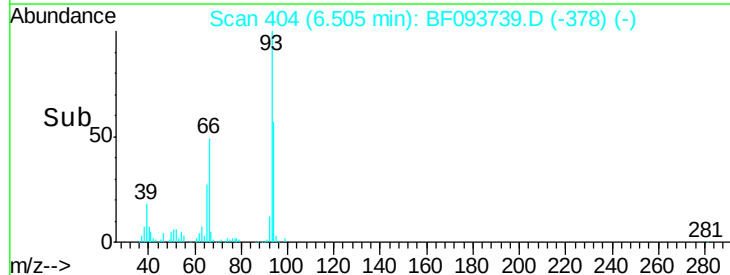
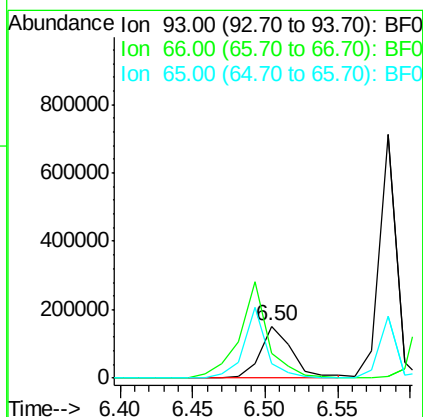
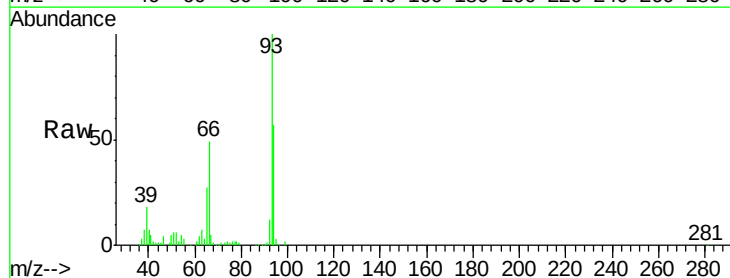
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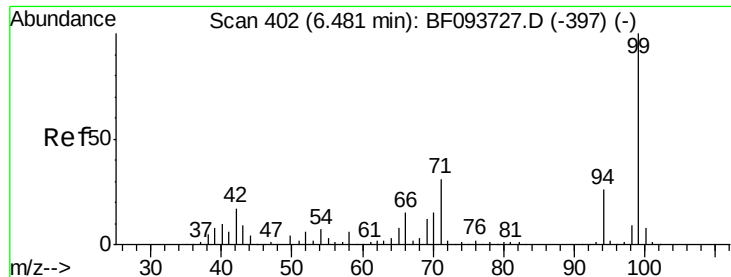
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#6
Aniline
Concen: 11.21 ng
RT: 6.50 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	228098		
66	48.9	32.9	49.3	
65	27.3	16.0	24.0	





#7

Phenol-d6

Concen: 132.65 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

Tgt Ion: 99 Resp: 1887875

Ion Ratio Lower Upper

99 100

42 19.2 13.5 20.3

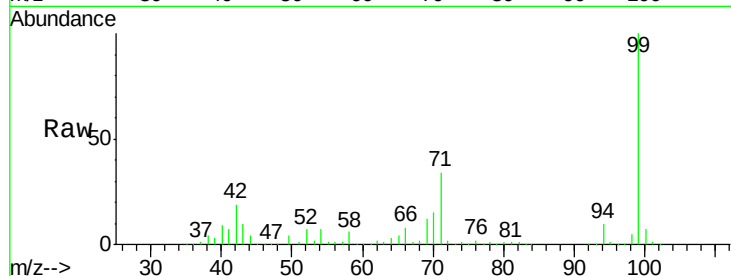
71 33.8 24.5 36.7

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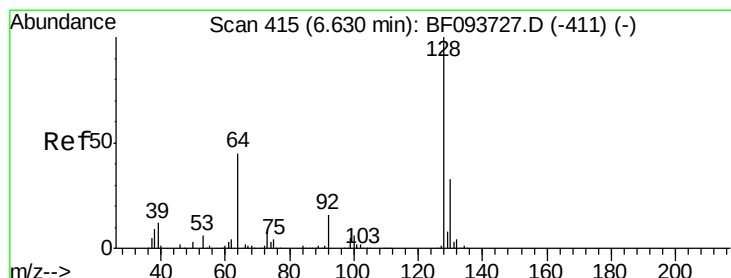
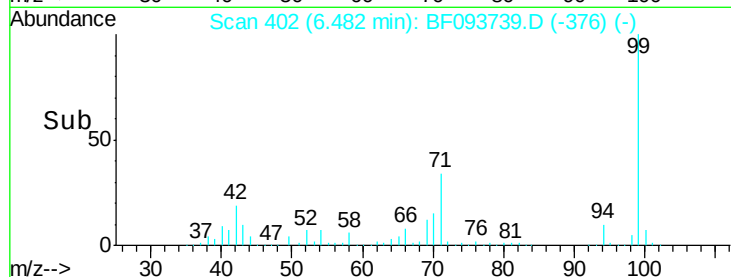
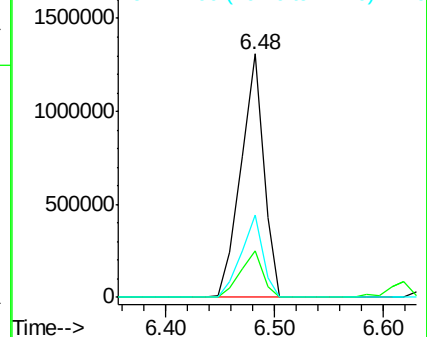
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.40 ng

RT: 6.63 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

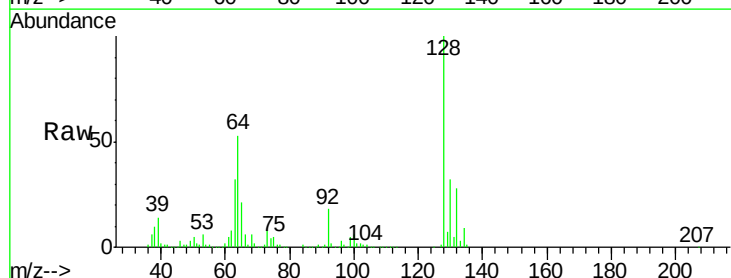
Tgt Ion: 128 Resp: 592387

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

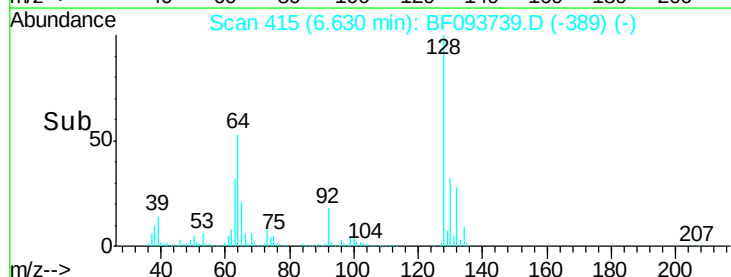
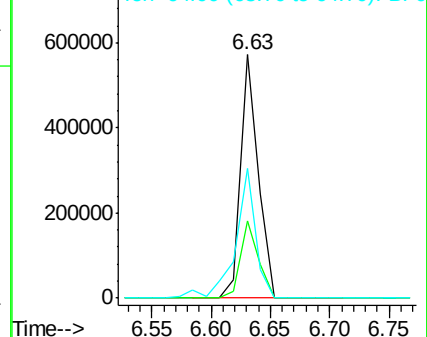
64 53.0 28.4 68.4

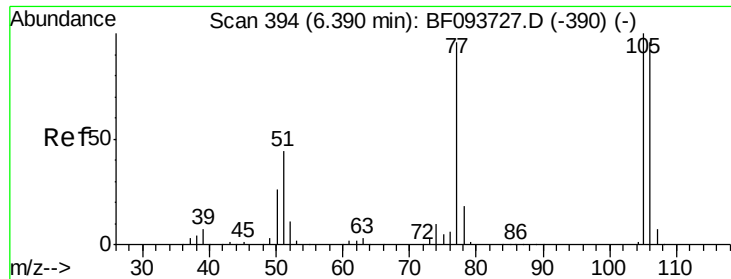


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.35 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

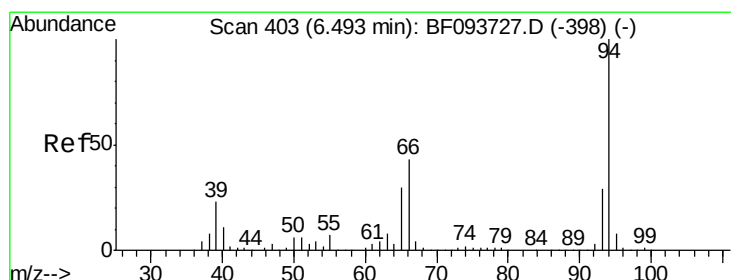
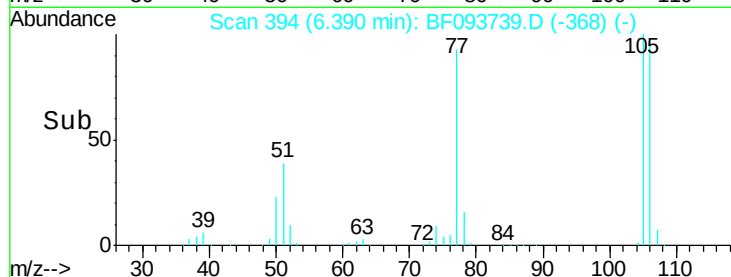
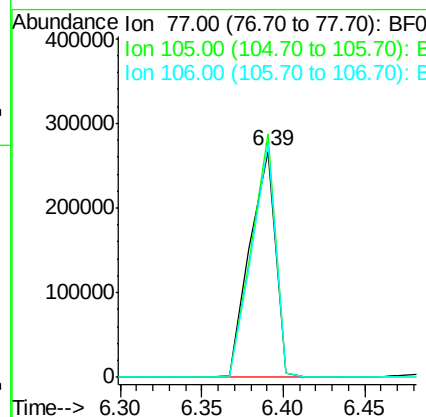
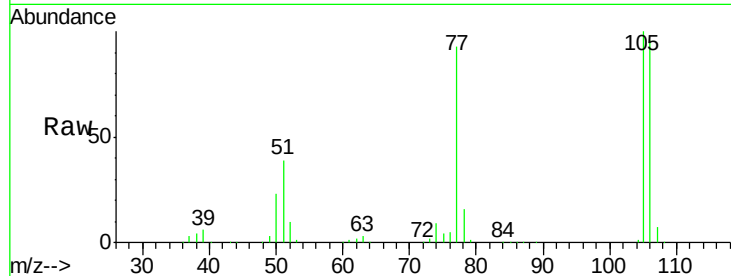
ClientSampleId :

PB97641BS

Tgt Ion:	77	Resp:	291082
Ion	Ratio	Lower	Upper
77	100		
105	107.9	83.8	123.8
106	104.0	79.1	119.1

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#10

Phenol

Concen: 37.92 ng

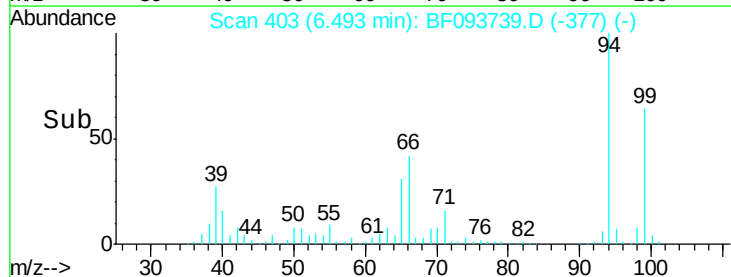
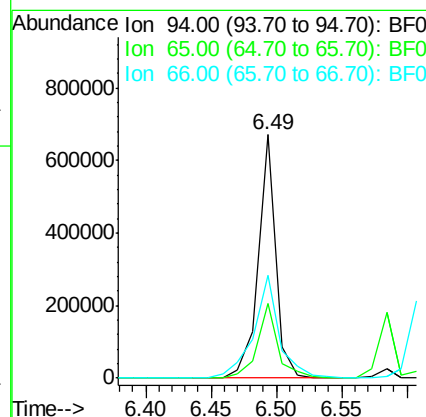
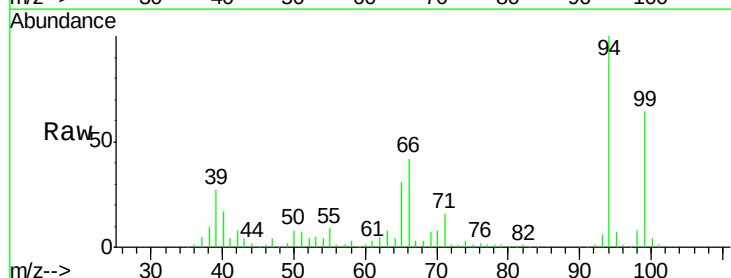
RT: 6.49 min Scan# 403

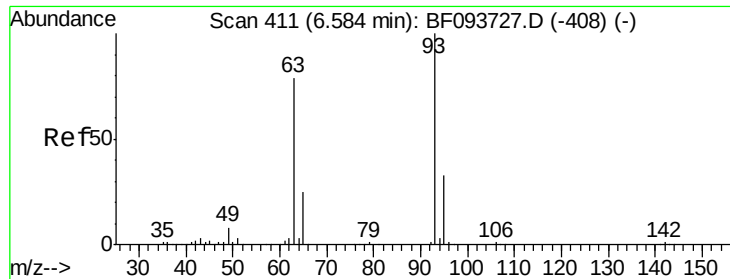
Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:	94	Resp:	630997
Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.9	49.9
66	42.2	23.1	63.1





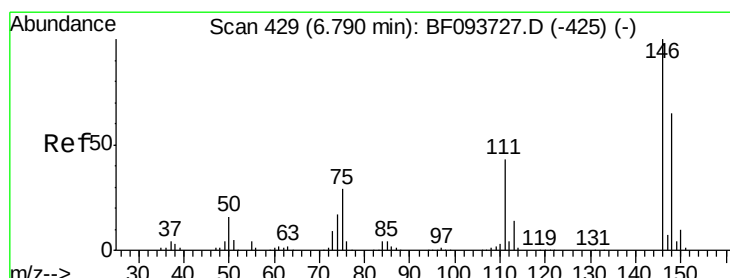
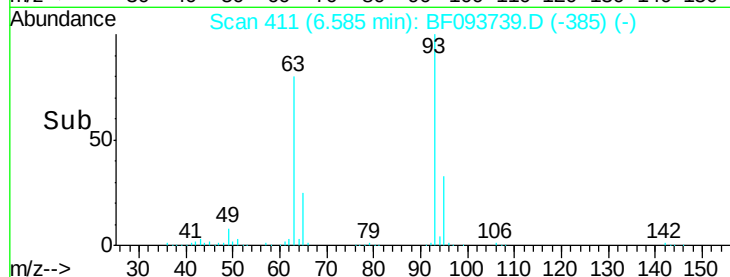
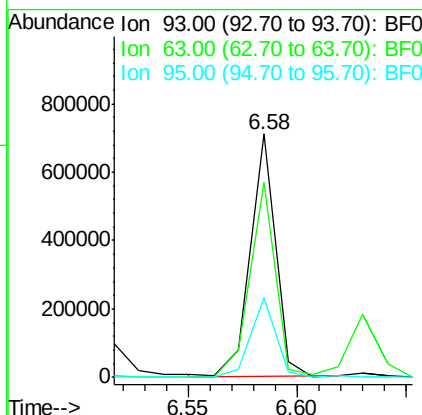
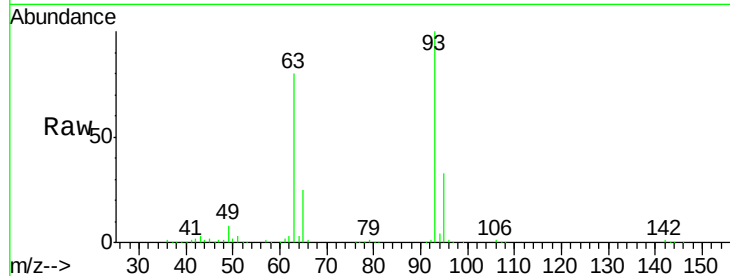
#11
bis(2-Chloroethyl)ether
Concen: 43.41 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Tgt Ion:	93	Resp:	569226
Ion	Ratio	Lower	Upper
93	100		
63	80.0	59.2	99.2
95	32.8	12.8	52.8

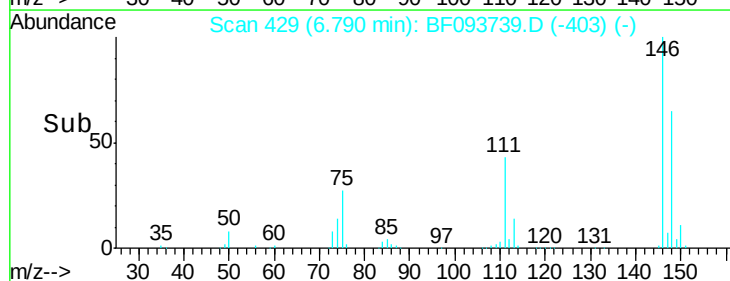
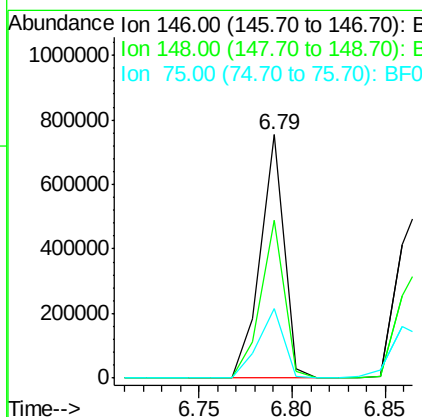
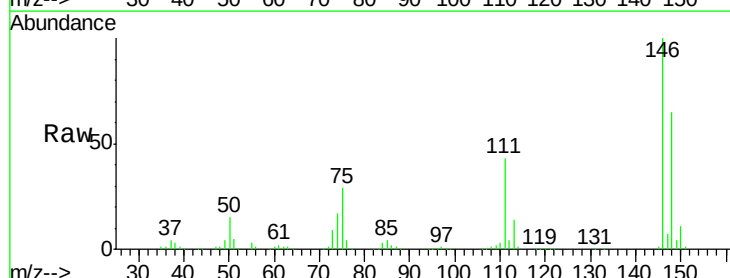
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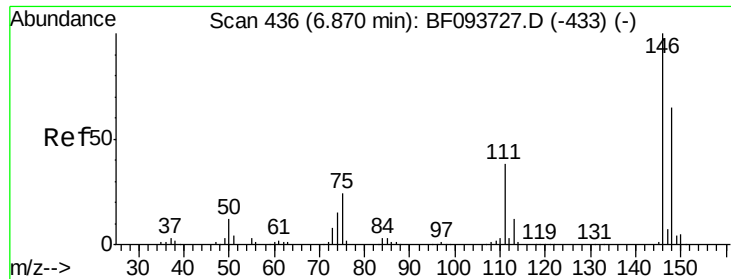
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.94 ng
RT: 6.79 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:	146	Resp:	664024
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
75	28.5	23.1	34.7





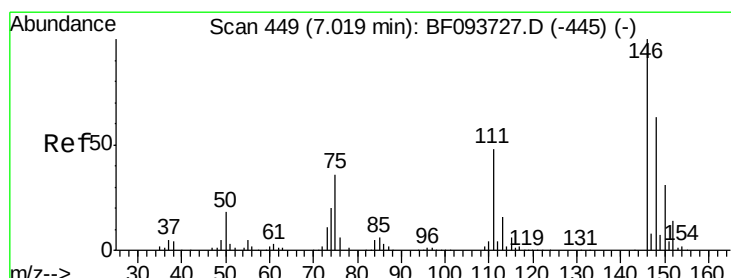
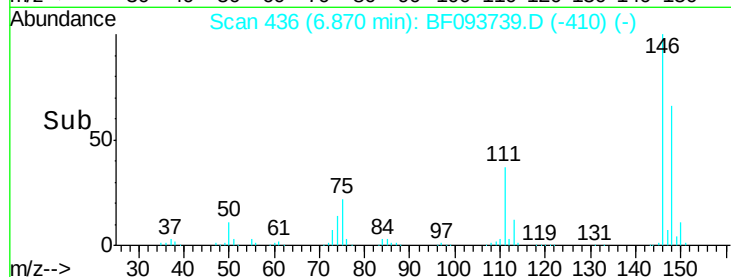
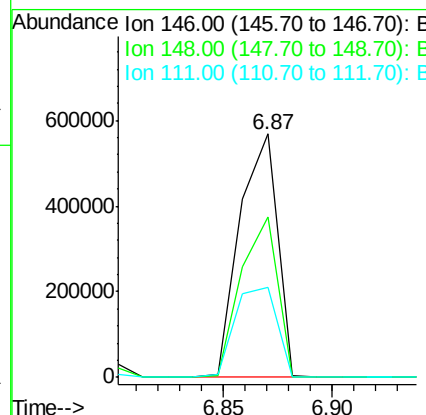
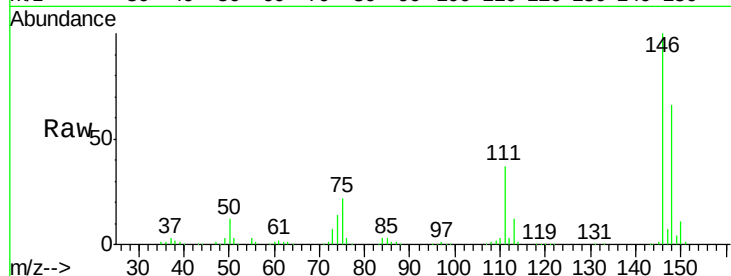
#13
 1,4-Dichlorobenzene
 Concen: 47.05 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.2	78.2
111	37.2	30.3	45.5

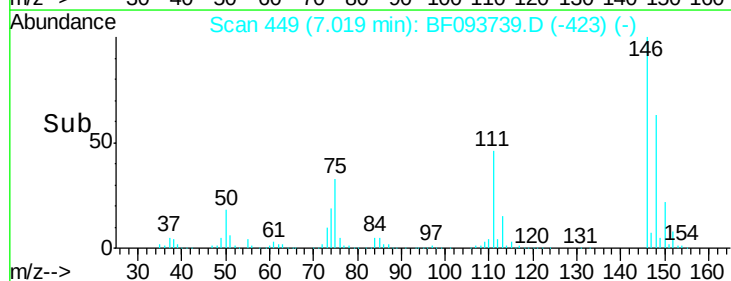
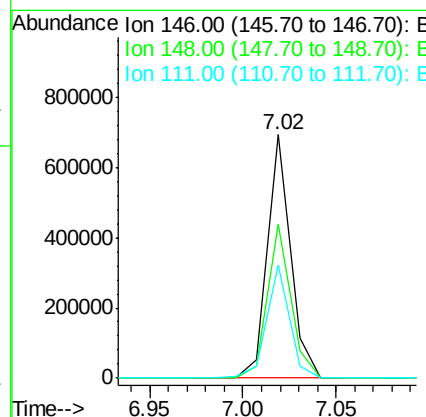
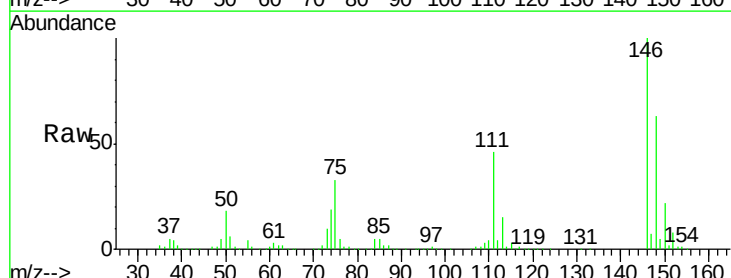
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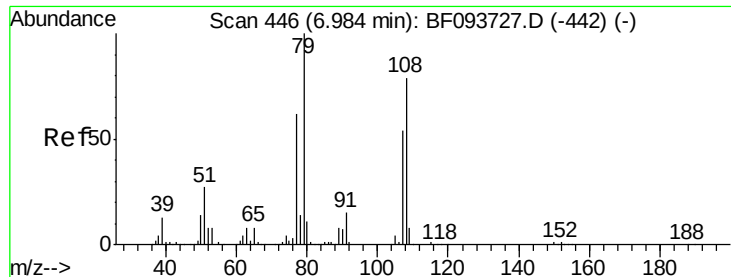
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.47 ng
 RT: 7.02 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	46.5	38.2	57.4





#15

Benzyl Alcohol

Concen: 48.41 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

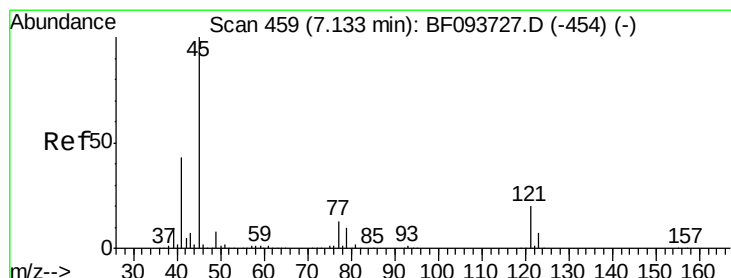
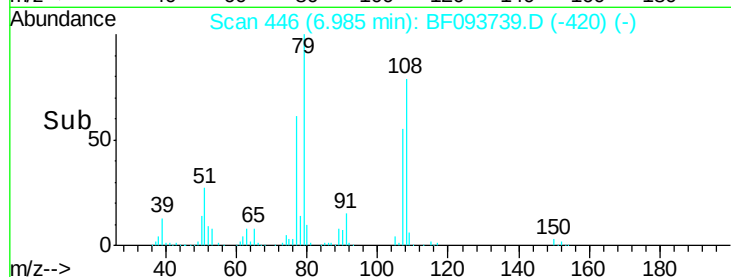
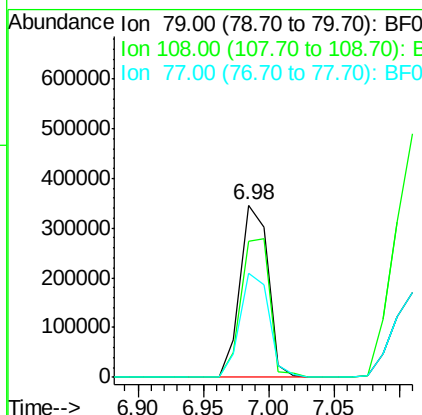
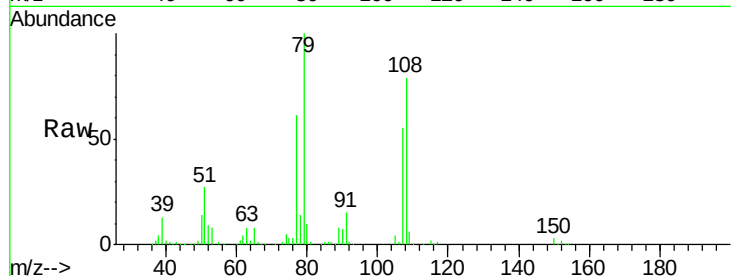
ClientSampleId :

PB97641BS

Tgt Ion:	79	Resp:	515763
Ion	Ratio	Lower	Upper
79	100		
108	78.8	63.4	95.0
77	60.8	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.17 ng

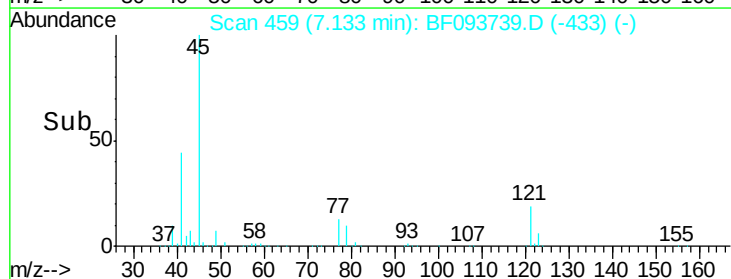
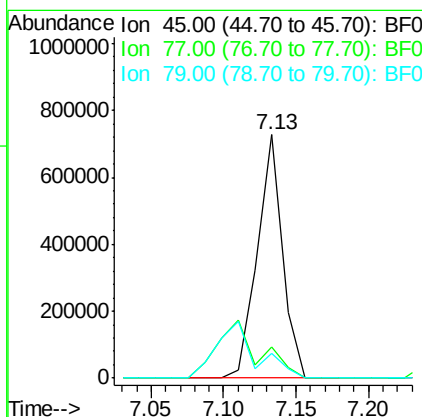
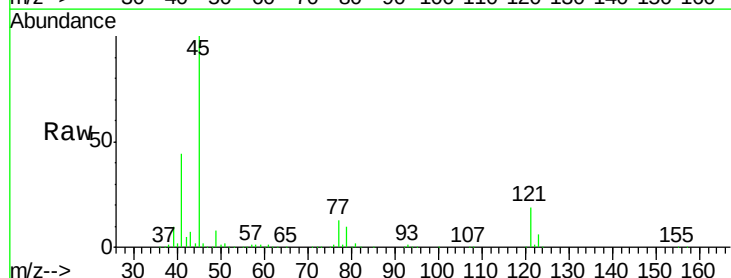
RT: 7.13 min Scan# 459

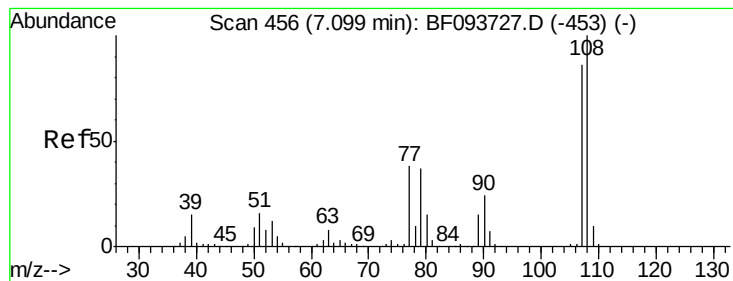
Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:	45	Resp:	871877
Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.2
79	10.1	0.0	30.0





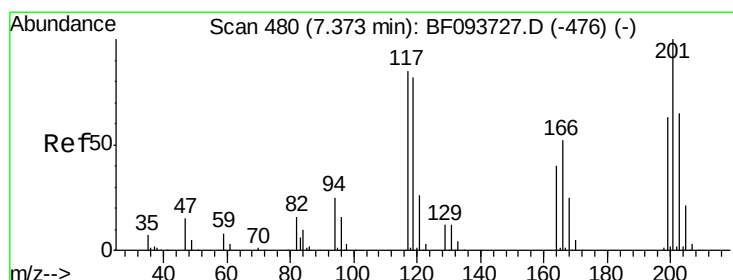
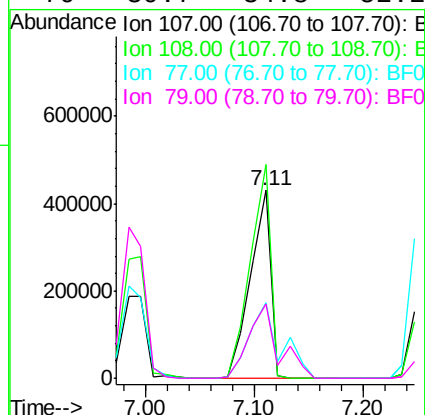
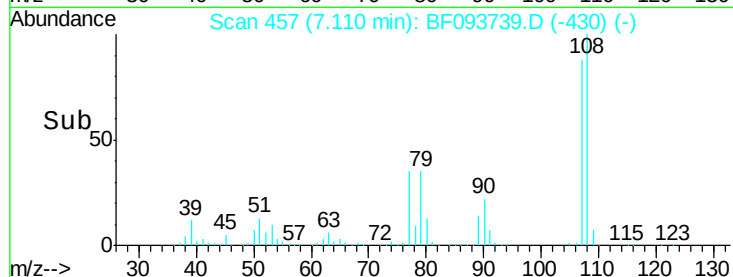
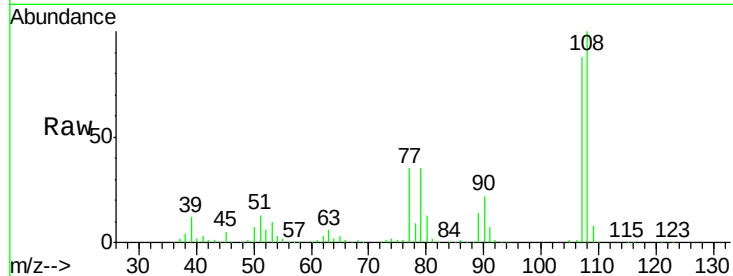
#17
2-Methylphenol
Concen: 50.48 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.01 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Tgt Ion:	107	Resp:	557927
Ion Ratio	Lower	Upper	
107	100		
108	113.6	93.4	140.0
77	39.9	35.8	53.6
79	39.7	34.8	52.2

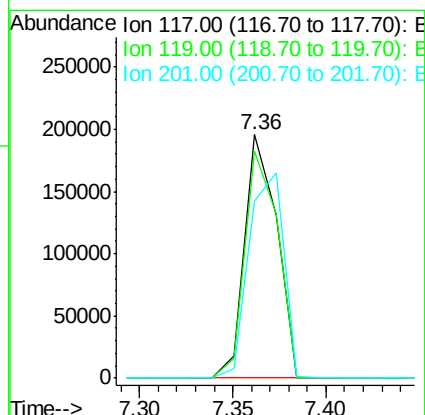
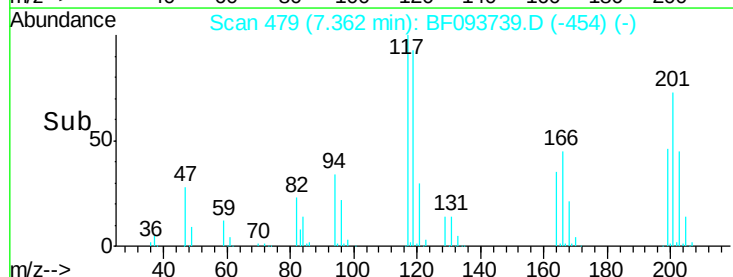
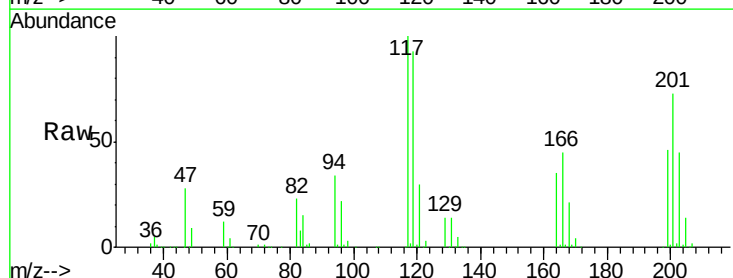
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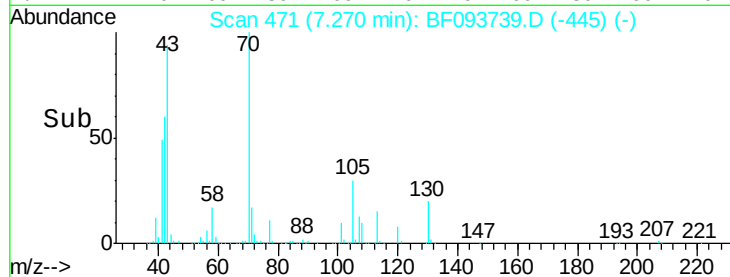
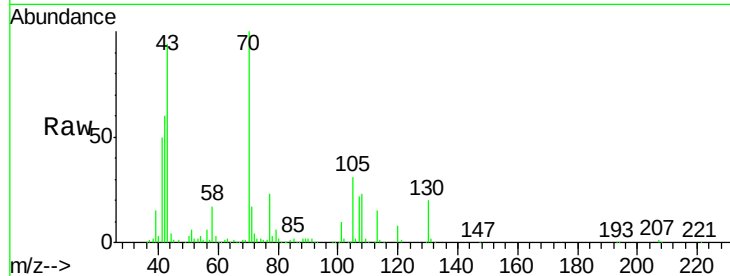
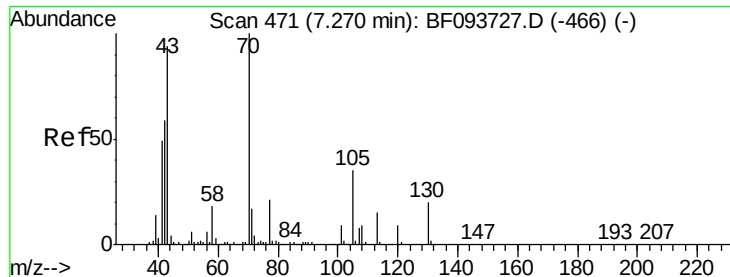
mohammad
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#18
Hexachloroethane
Concen: 45.92 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:	117	Resp:	236290
Ion Ratio	Lower	Upper	
117	100		
119	93.2	77.4	116.0
201	72.6	94.6	141.8#





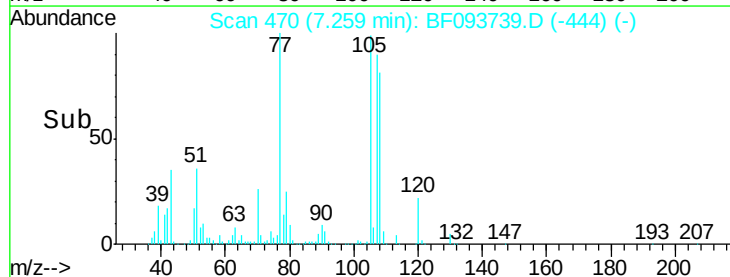
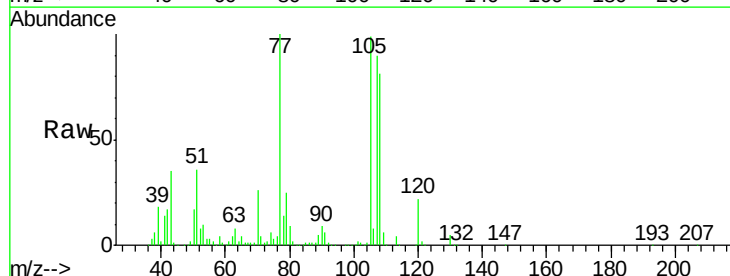
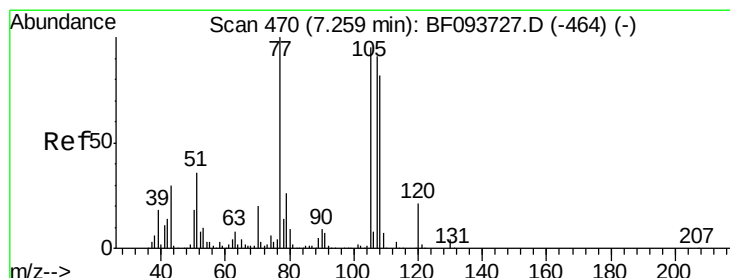
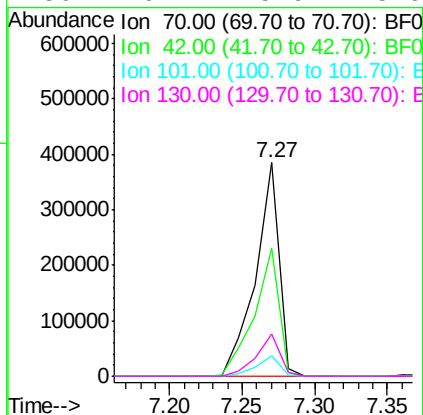
#19
n-Nitroso-di-n-propylamine
Concen: 46.03 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Manual Integrations
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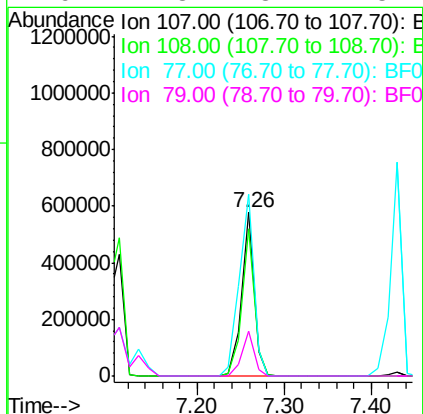
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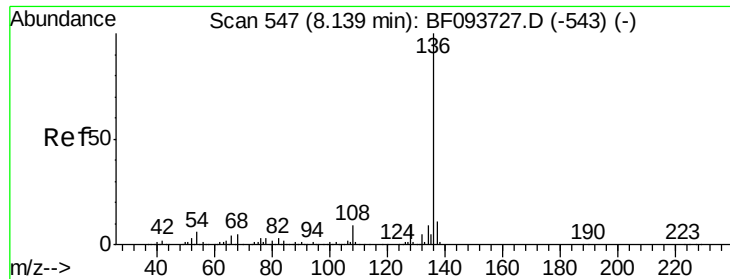
Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.2	70.8
101	9.7	7.2	10.8
130	20.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.56 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.0	111.0
77	111.6	90.5	130.5
79	27.8	8.4	48.4





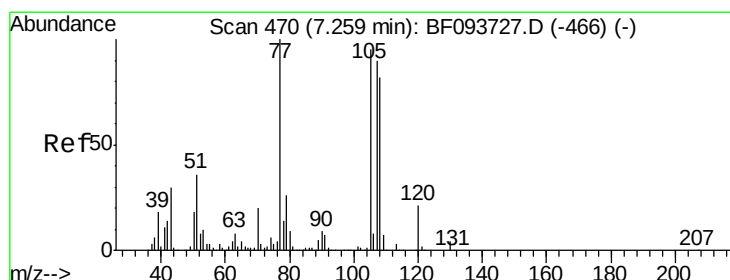
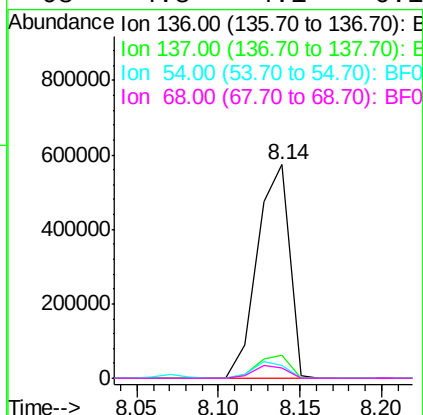
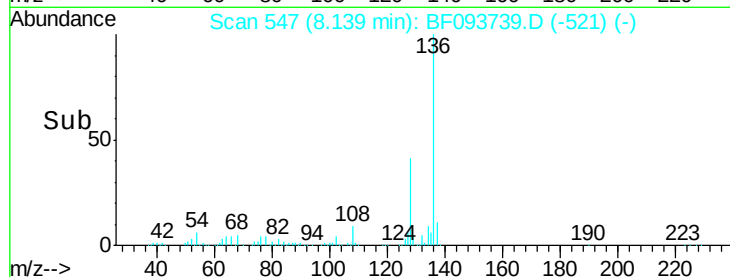
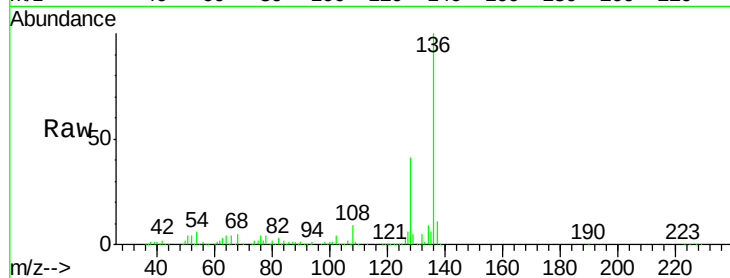
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.5	8.5	12.7
54	5.7	4.9	7.3
68	4.8	4.1	6.1

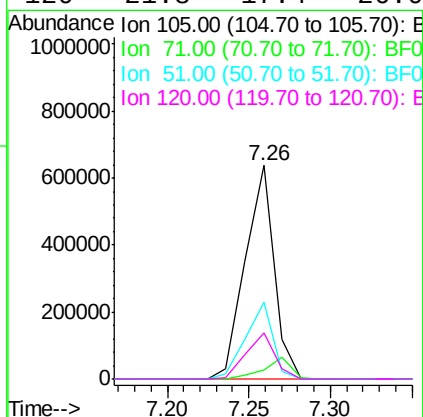
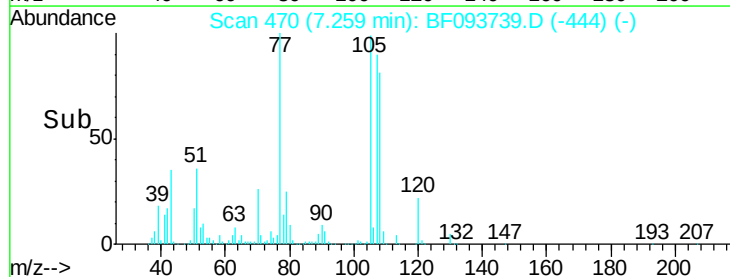
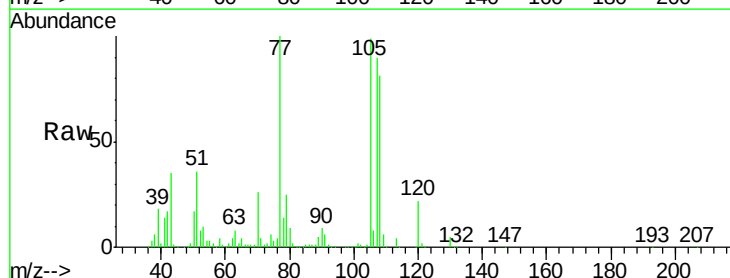
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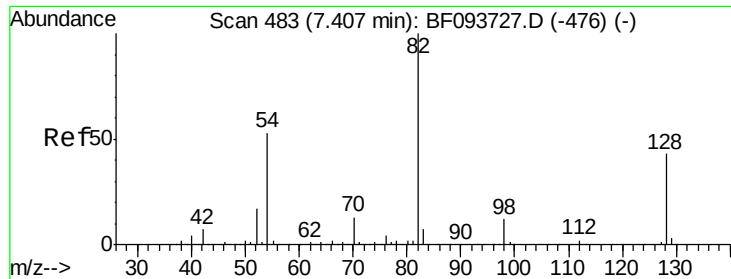
mohammad
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#22
Acetophenone
Concen: 44.72 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.1	2.8	4.2
51	36.2	30.7	46.1
120	21.8	17.4	26.0





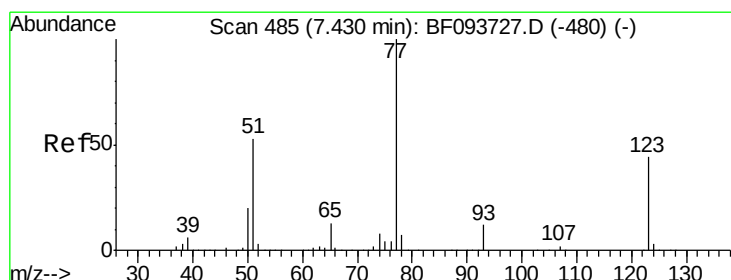
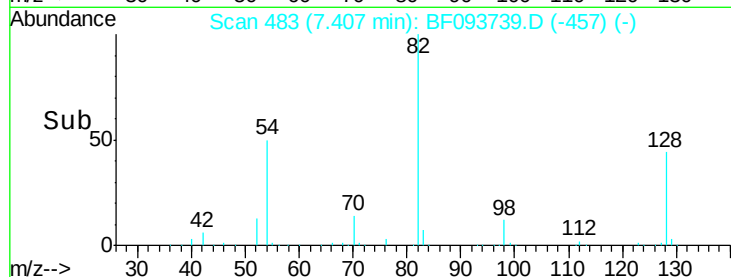
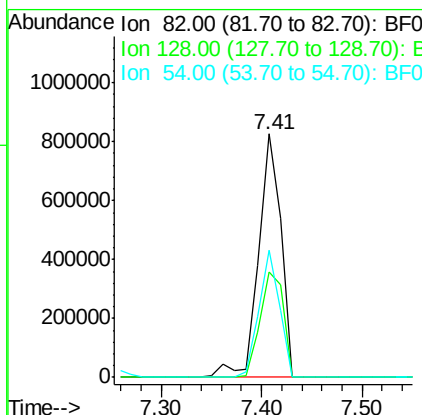
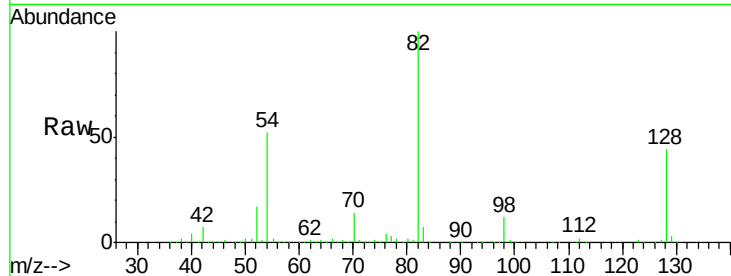
#23
 Nitrobenzene-d5
 Concen: 96.83 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion: 82 Resp: 1267581
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.0 51.0
 54 52.0 42.2 63.2

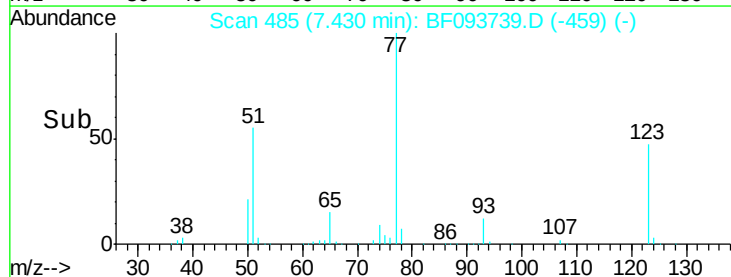
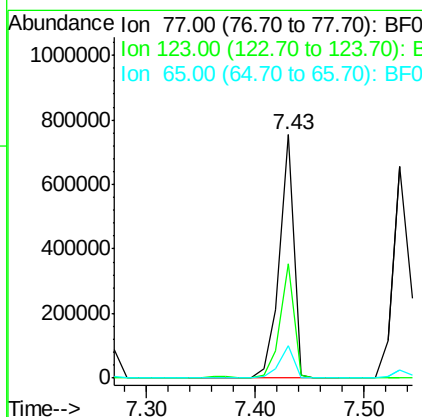
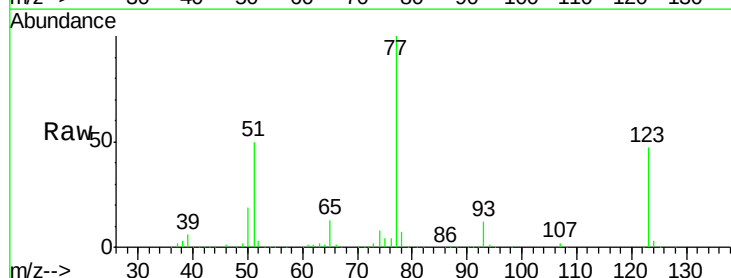
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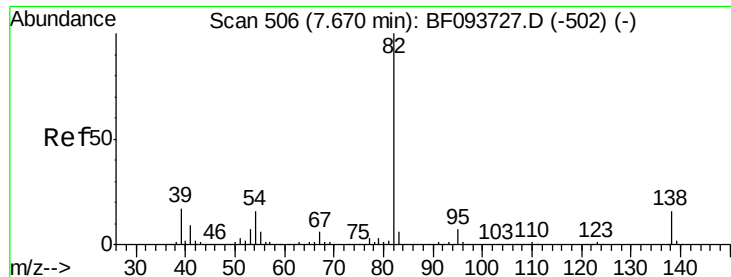
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#24
 Nitrobenzene
 Concen: 48.76 ng
 RT: 7.43 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion: 77 Resp: 689953
 Ion Ratio Lower Upper
 77 100
 123 47.0 35.8 53.8
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 46.93 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

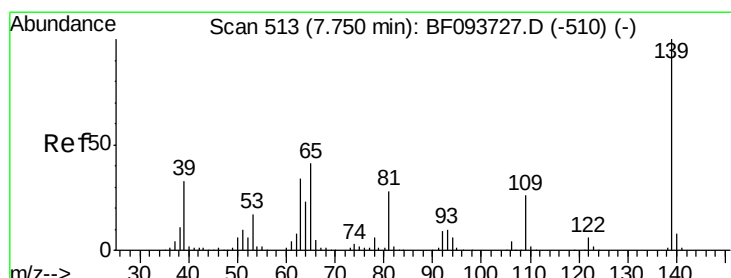
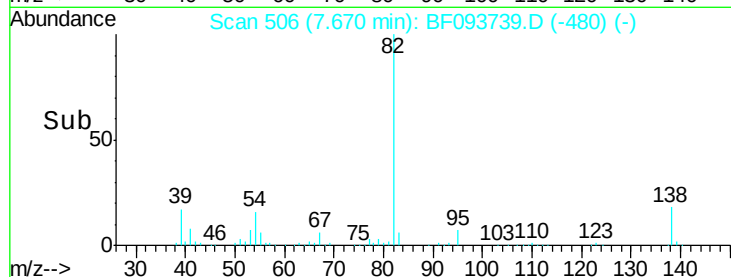
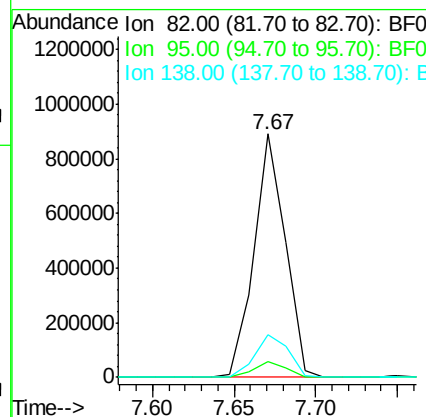
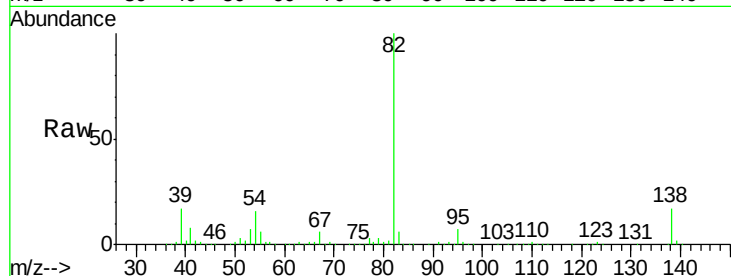
ClientSampleId :

PB97641BS

Tgt Ion:	82	Resp:	1182647
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	17.4	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 64.05 ng

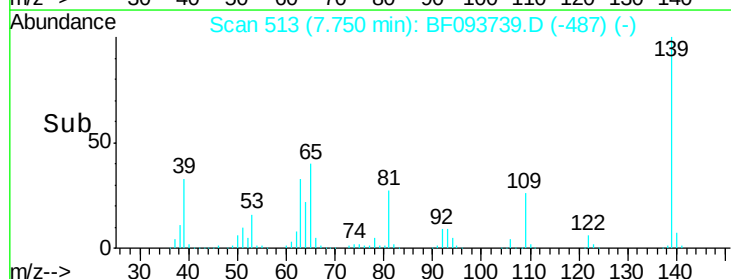
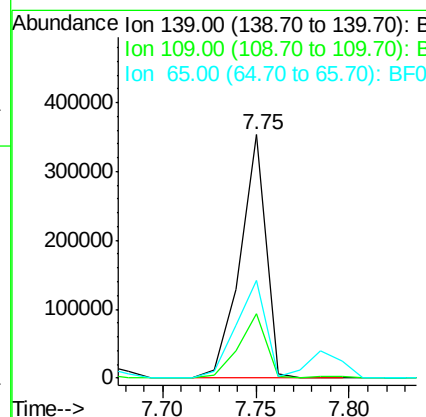
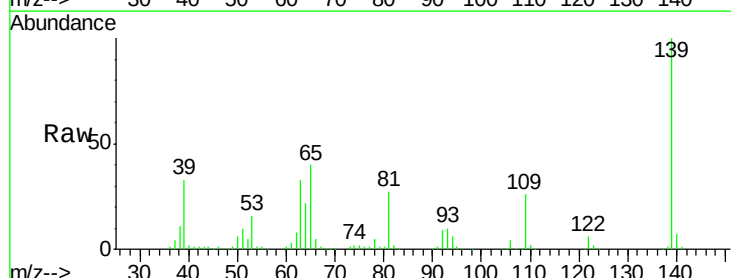
RT: 7.75 min Scan# 513

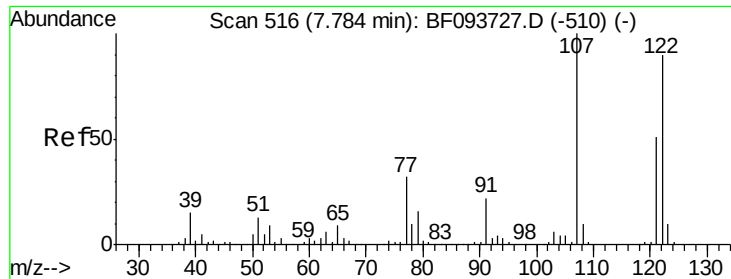
Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:	139	Resp:	343191
Ion	Ratio	Lower	Upper
139	100		
109	26.2	21.0	31.6
65	40.1	33.0	49.6





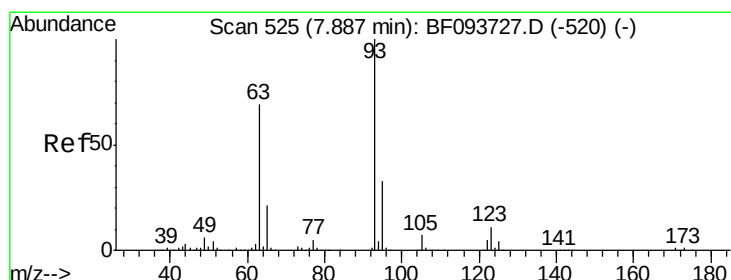
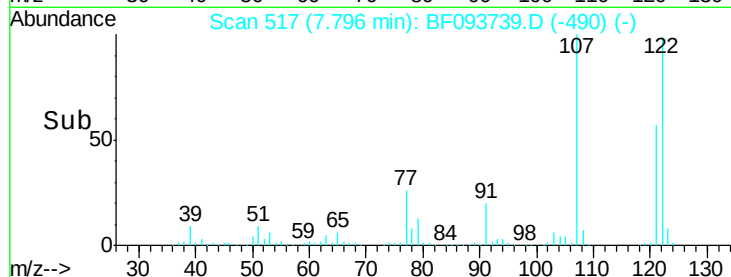
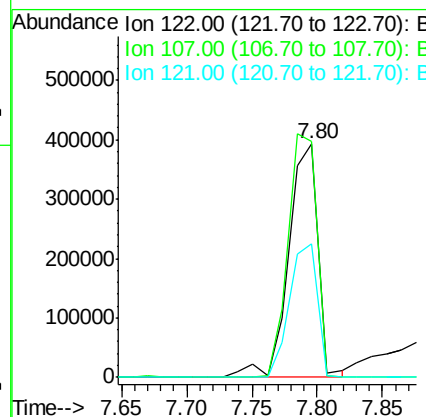
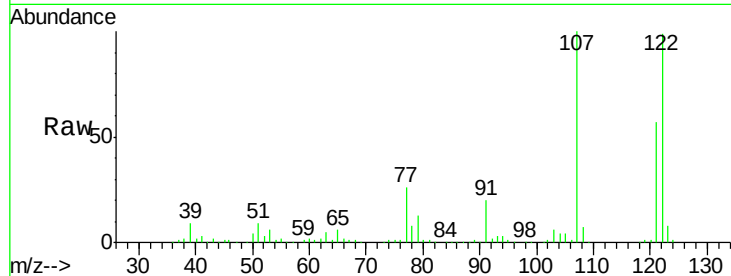
#27
 2,4-Dimethylphenol
 Concen: 50.60 ng
 RT: 7.80 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampled :
 PB97641BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	620393		
107	101.0	89.2	133.8	
121	57.2	45.2	67.8	

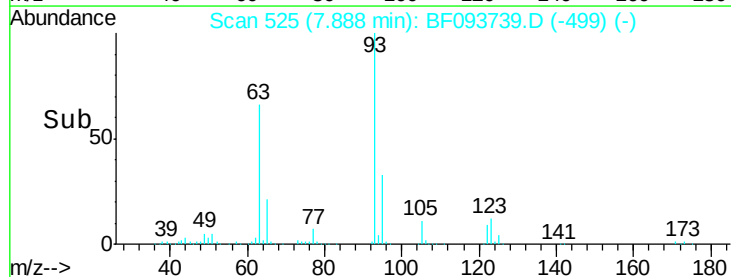
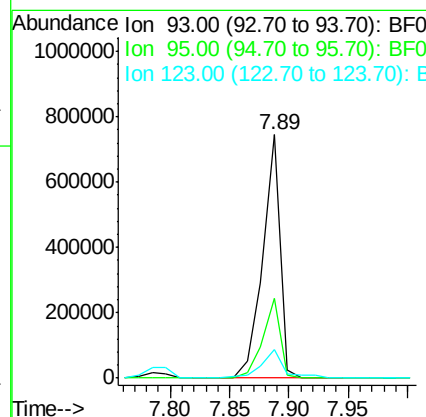
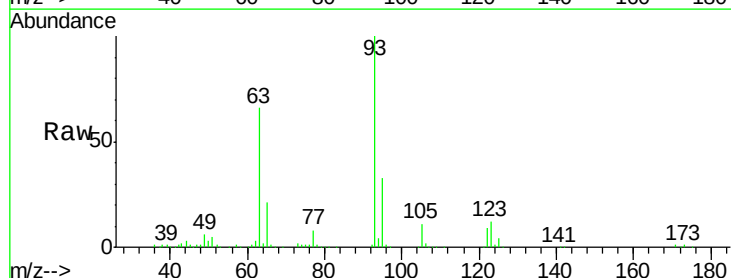
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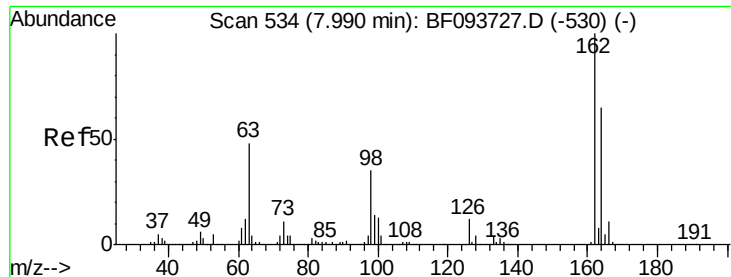
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.34 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	768811		
95	32.6	26.5	39.7	
123	11.9	9.0	13.4	





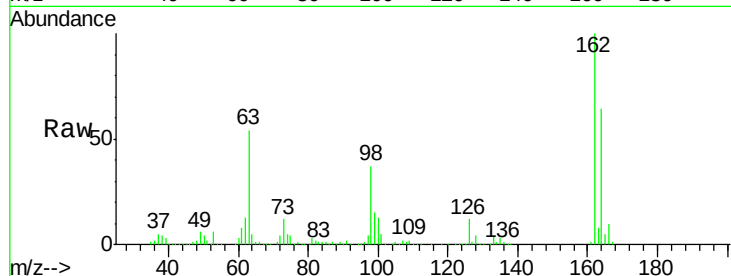
#29
2,4-Dichlorophenol
Concen: 50.76 ng
RT: 7.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

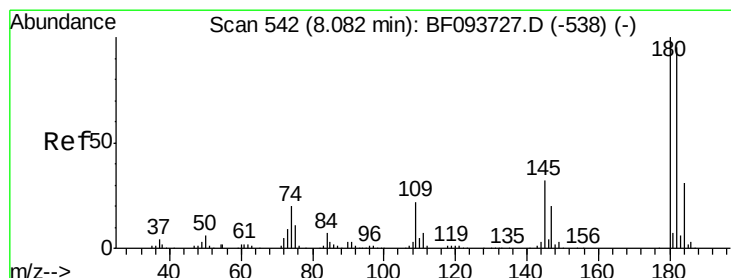
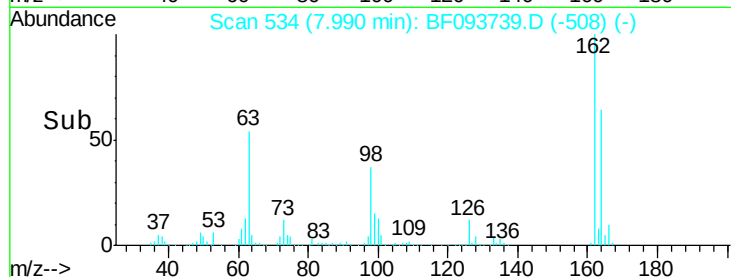
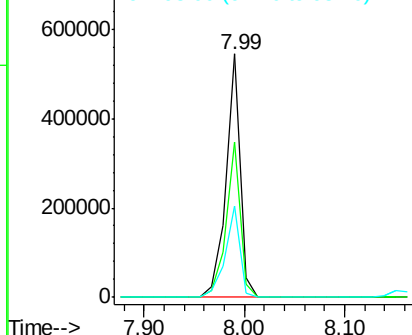
Tgt Ion:	162	Resp:	534692
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.6	84.6
98	37.4	14.8	54.8

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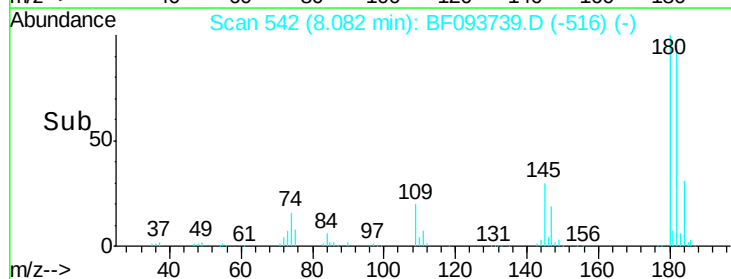
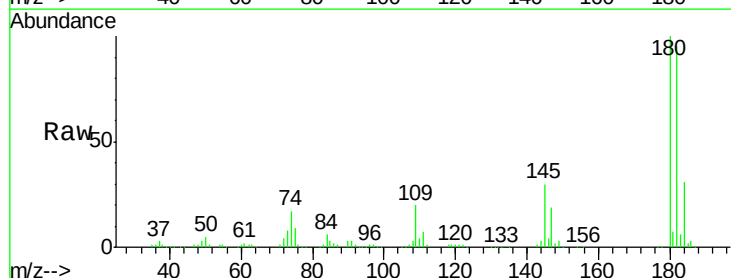
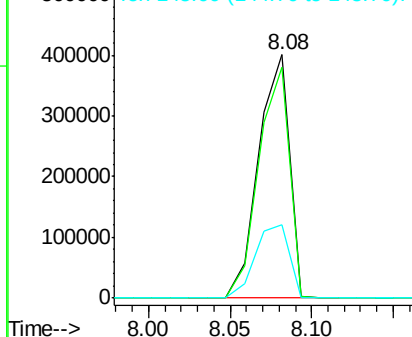
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

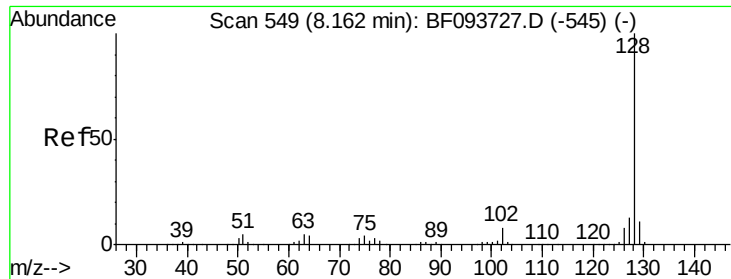


#30
1,2,4-Trichlorobenzene
Concen: 47.92 ng
RT: 8.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:	180	Resp:	526211
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.8	113.6
145	30.2	25.3	37.9

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





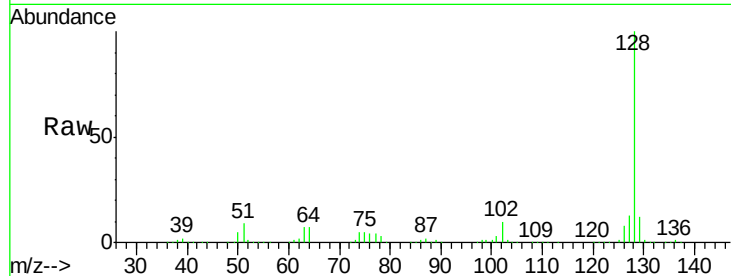
#31
Naphthalene
Concen: 45.66 ng
RT: 8.15 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

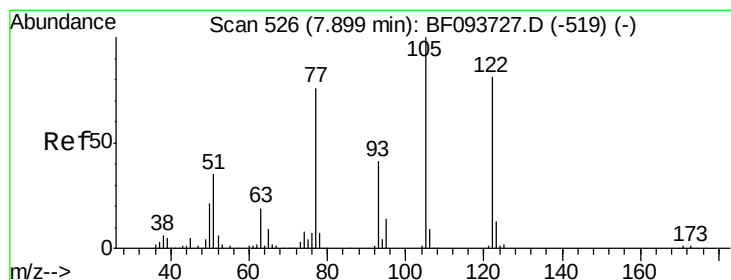
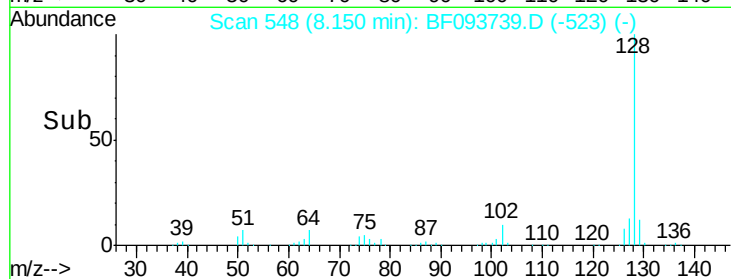
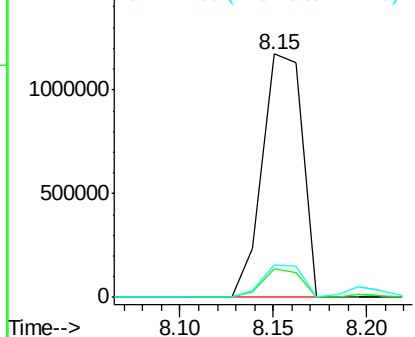
Tgt Ion:128 Resp: 1749211
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.4 10.8 16.2

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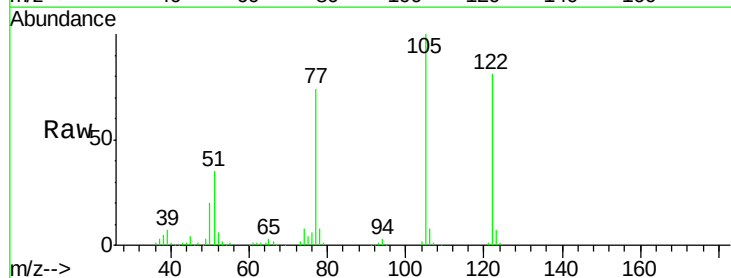


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

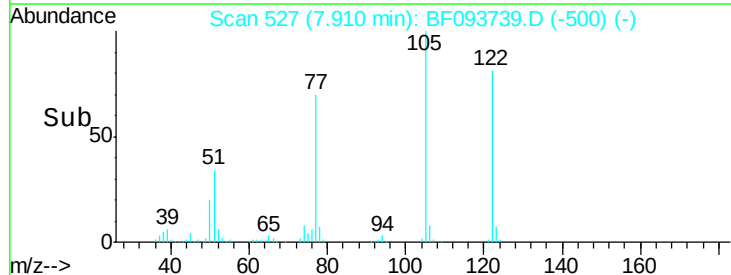
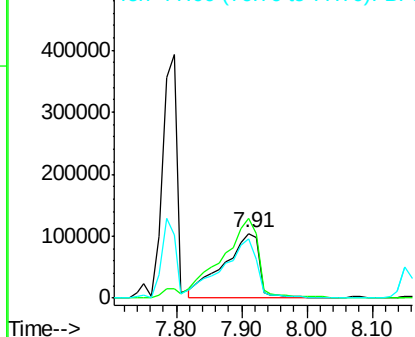


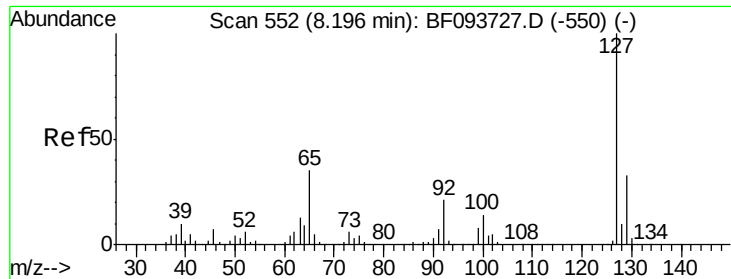
#32
Benzoic acid
Concen: 52.12 ng
RT: 7.91 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:122 Resp: 397874
Ion Ratio Lower Upper
122 100
105 123.5 103.3 143.3
77 91.7 73.7 113.7



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





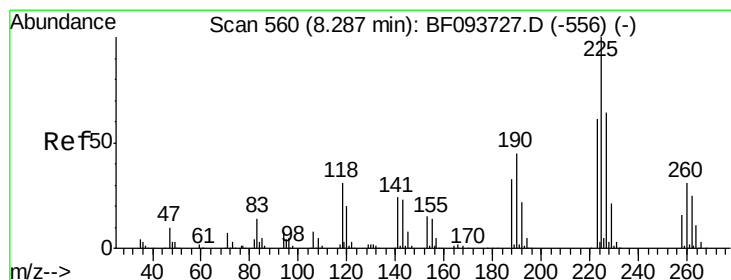
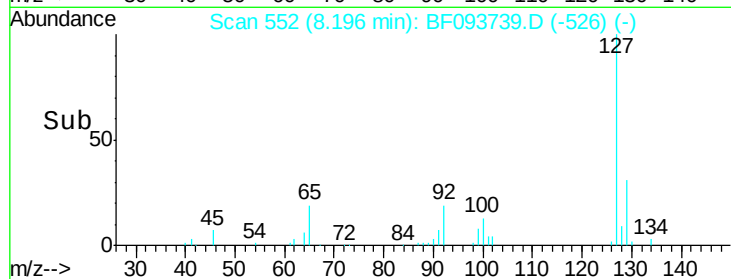
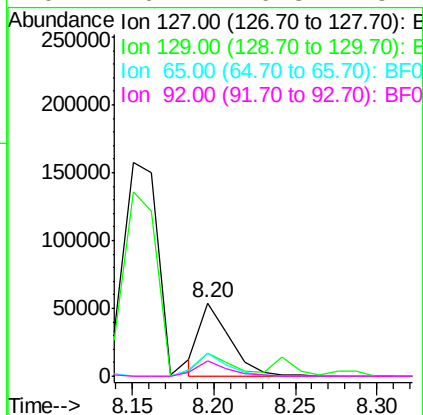
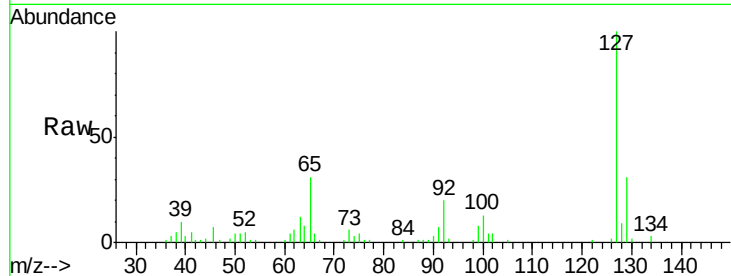
#33
4-Chloroaniline
Concen: 4.36 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampled :
PB97641BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	70008		
129	31.4		26.2	39.2
65	31.4		27.8	41.8
92	20.2		16.8	25.2

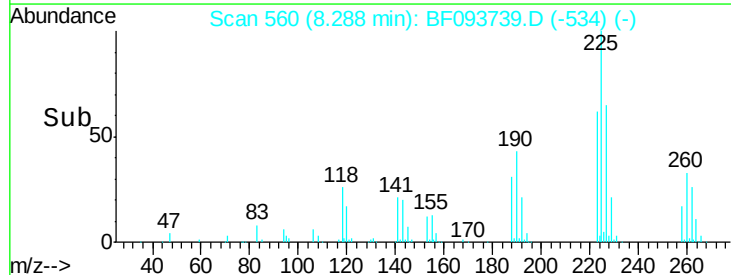
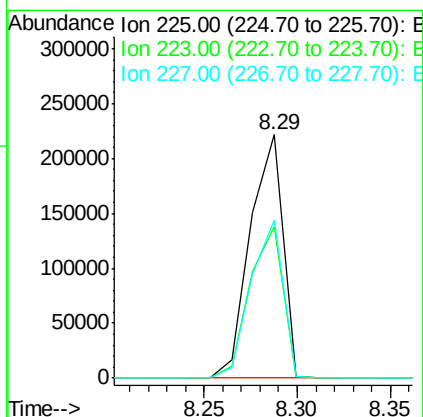
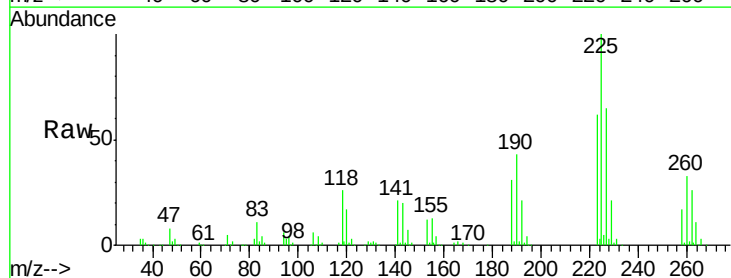
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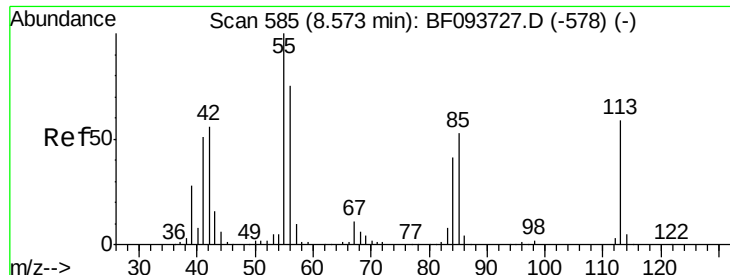
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#34
Hexachlorobutadiene
Concen: 46.59 ng
RT: 8.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	267905		
223	62.2		48.8	73.2
227	64.8		51.1	76.7





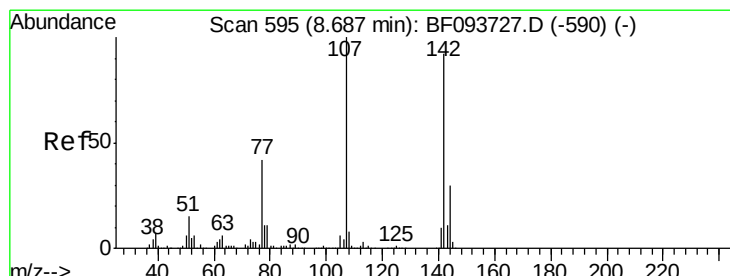
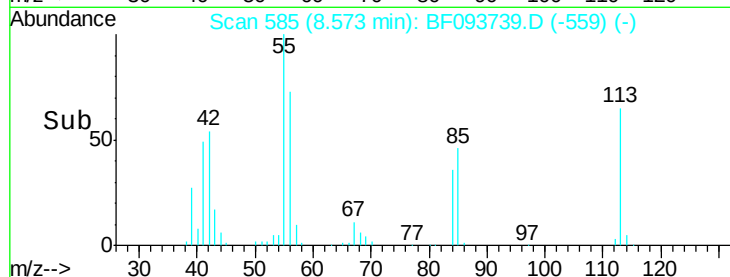
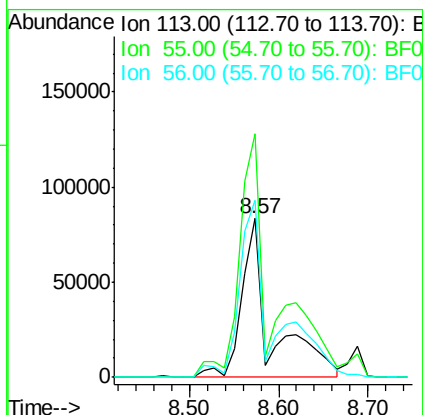
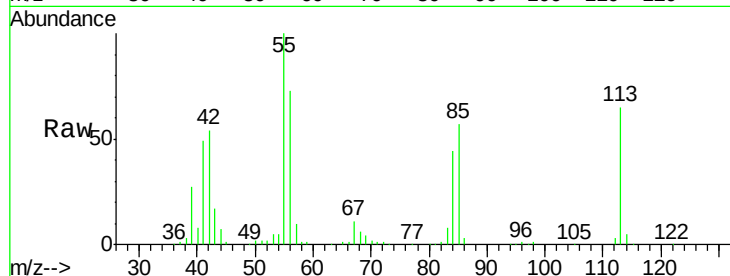
#35
 Caprolactam
 Concen: 53.71 ng m
 RT: 8.57 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	189905		
55	153.6	150.2	190.2	
56	112.1	107.8	147.8	

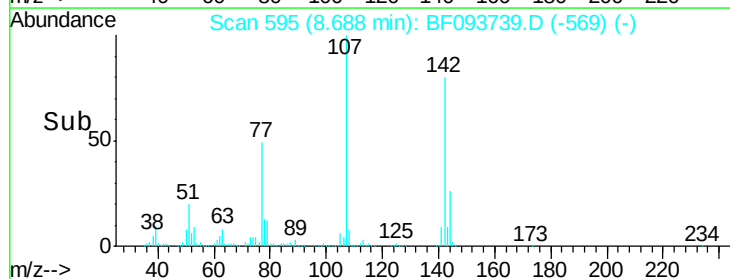
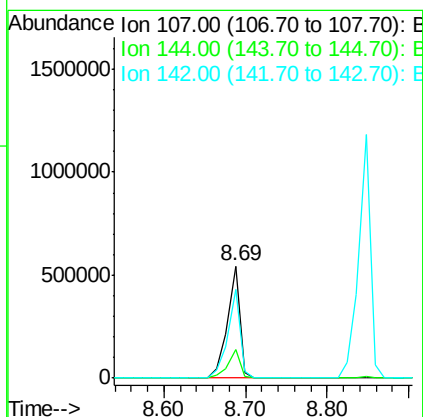
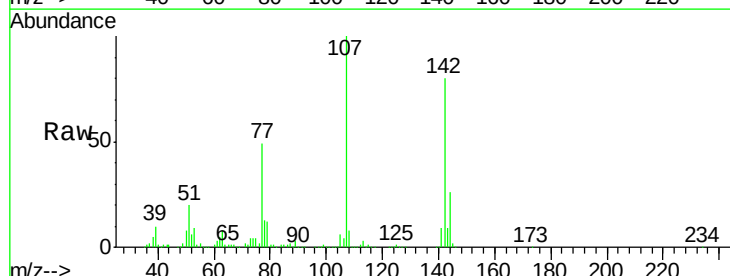
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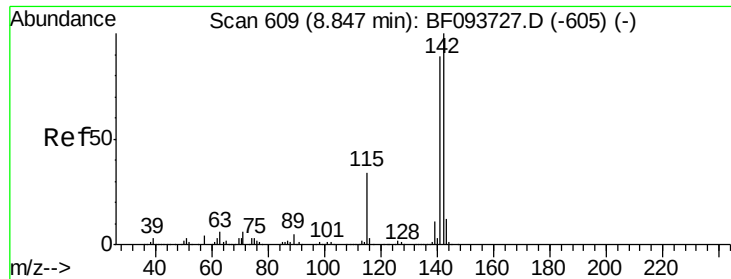
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#36
 4-Chloro-3-methylphenol
 Concen: 52.17 ng
 RT: 8.69 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	578608		
144	26.0	24.2	36.4	
142	79.6	73.4	110.0	





#37

2-Methylnaphthalene

Concen: 47.84 ng

RT: 8.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

Tgt Ion:142 Resp: 1186889

Ion Ratio Lower Upper

142 100

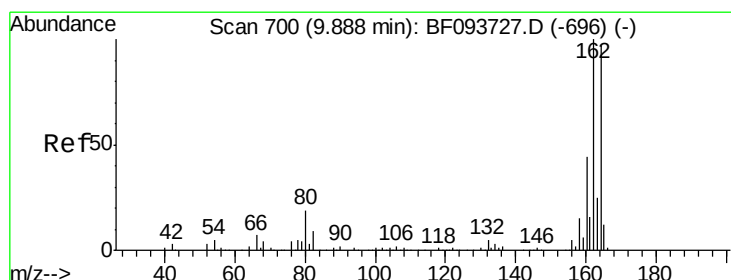
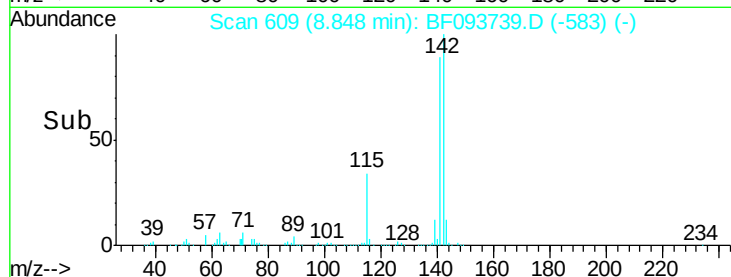
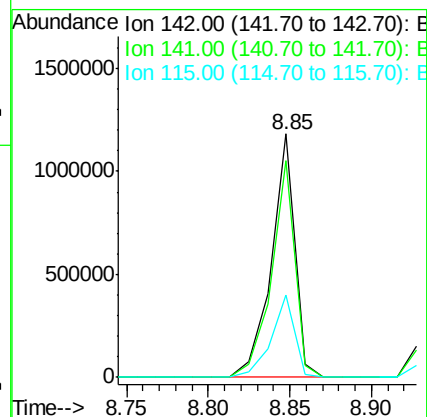
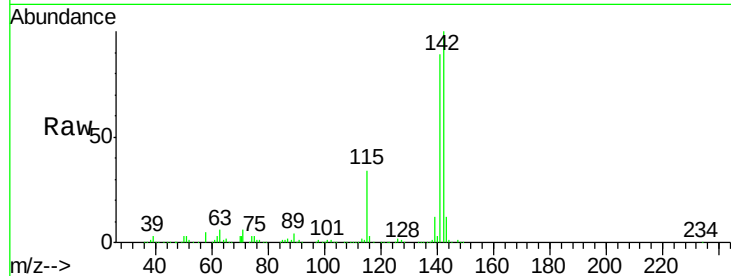
141 89.1 71.3 106.9

115 33.7 27.1 40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

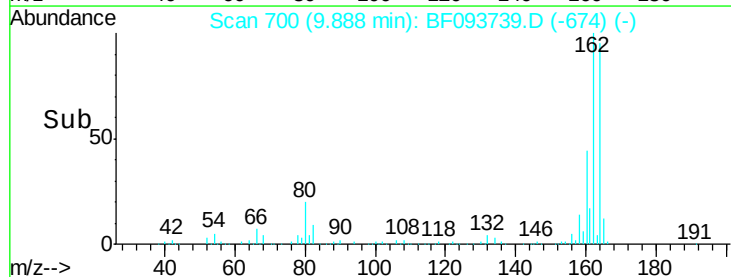
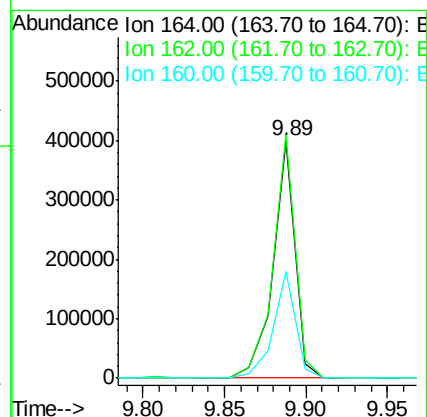
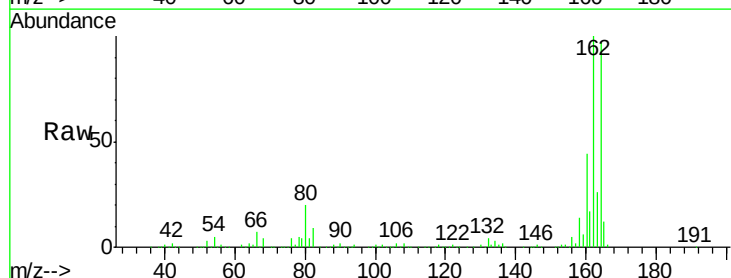
Tgt Ion:164 Resp: 375055

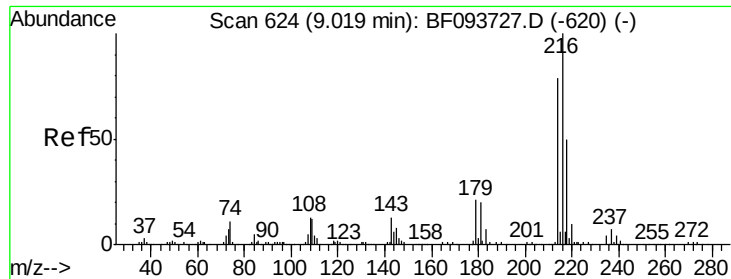
Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

160 44.8 36.2 54.2





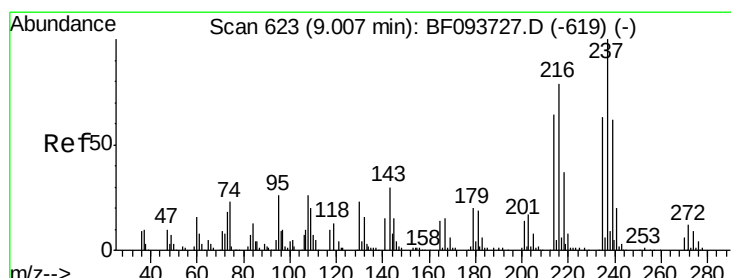
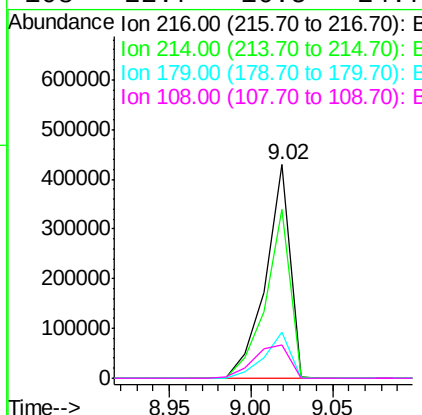
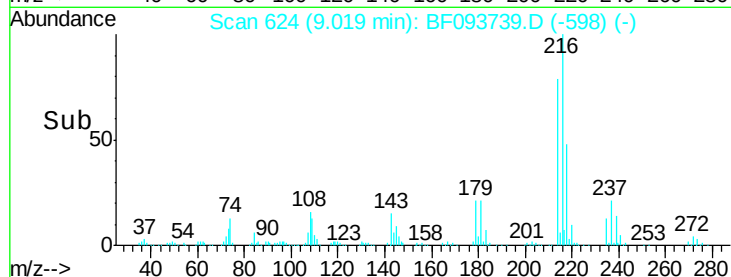
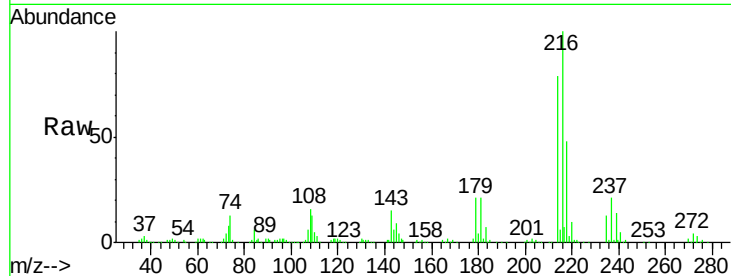
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.07 ng
 RT: 9.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	22.6	17.9	26.9
108	22.7	16.5	24.7

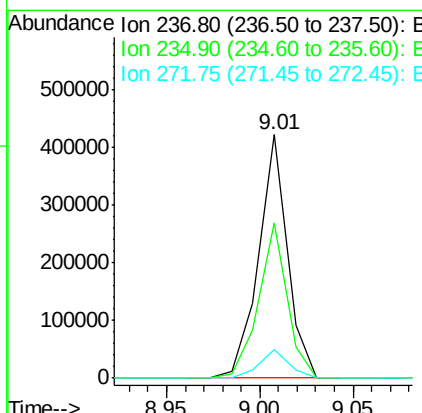
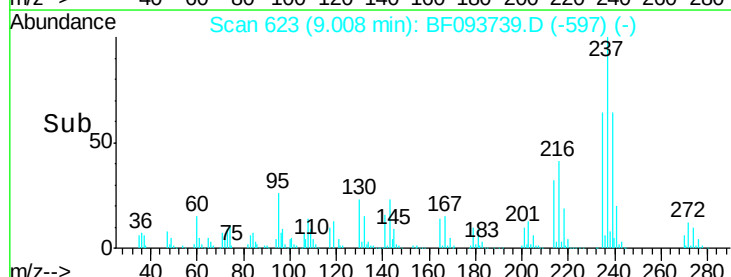
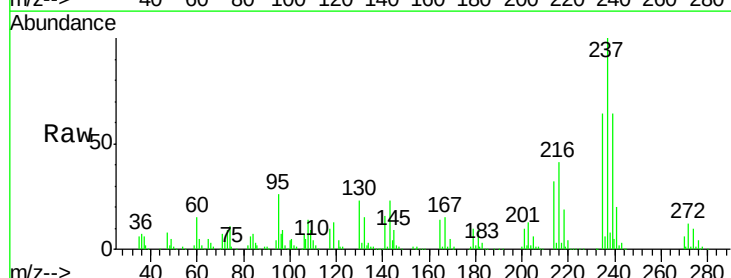
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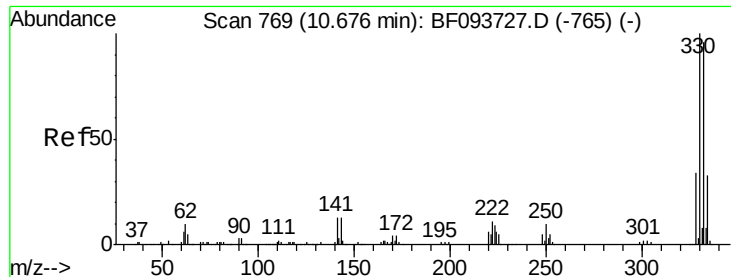
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#40
 Hexachlorocyclopentadiene
 Concen: 102.48 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.6	82.6
272	11.9	0.0	31.9





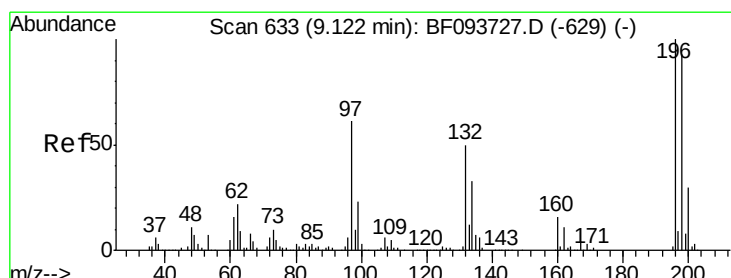
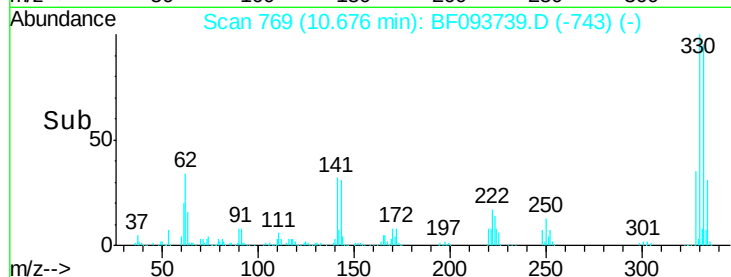
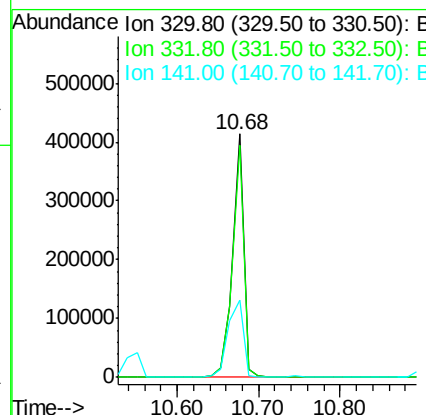
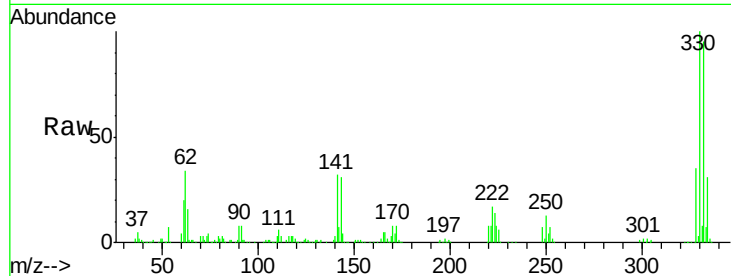
#41
 2,4,6-Tribromophenol
 Concen: 160.71 ng
 RT: 10.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleID :
 PB97641BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	394491		
332	96.3	76.6	115.0	
141	43.2	31.4	47.2	

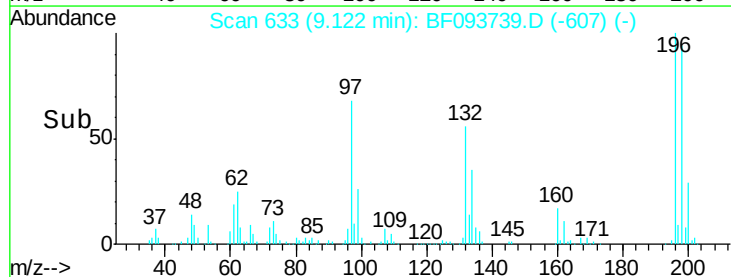
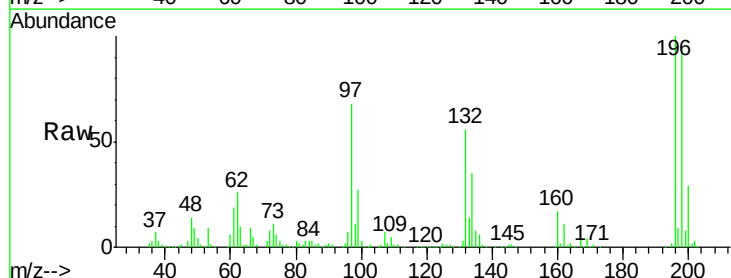
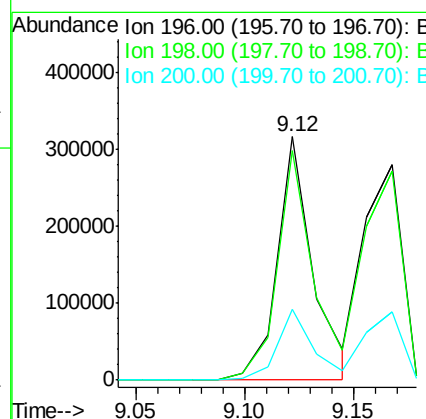
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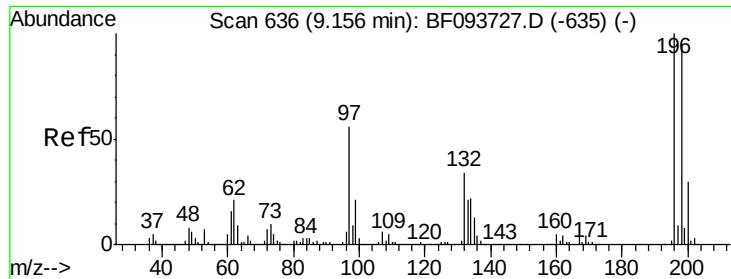
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#42
 2,4,6-Trichlorophenol
 Concen: 56.19 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	363878		
198	94.2	74.2	111.4	
200	29.0	24.0	36.0	





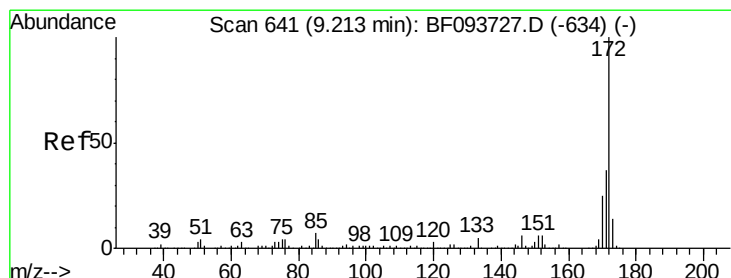
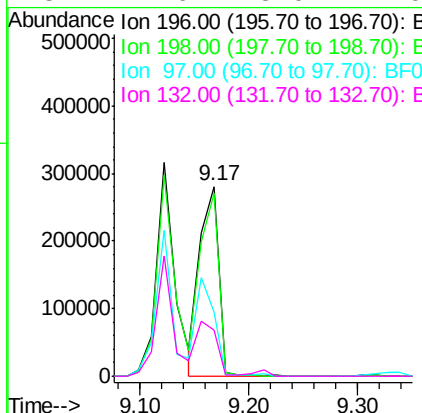
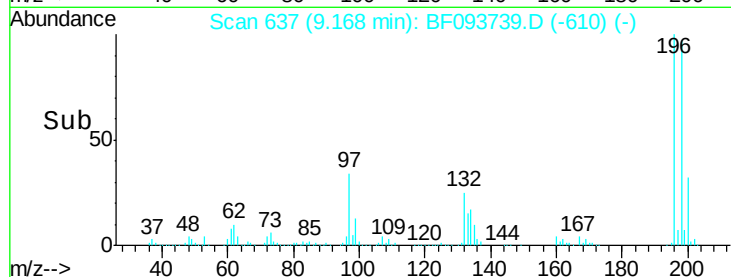
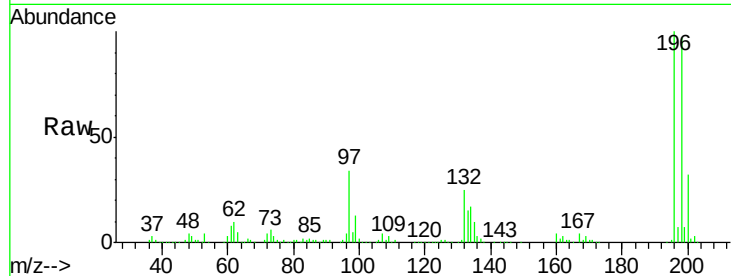
#43
 2,4,5-Trichlorophenol
 Concen: 51.72 ng
 RT: 9.17 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	345301		
198	96.9	75.7	113.5	
97	33.8	47.7	71.5	
132	24.6	28.0	42.0	

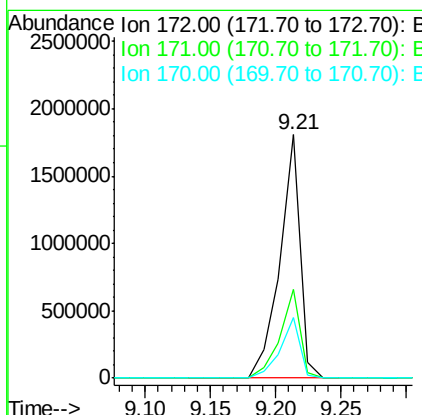
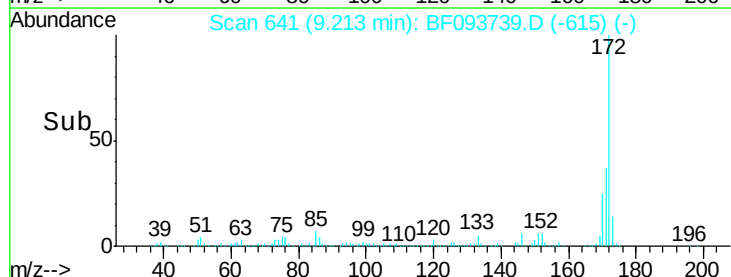
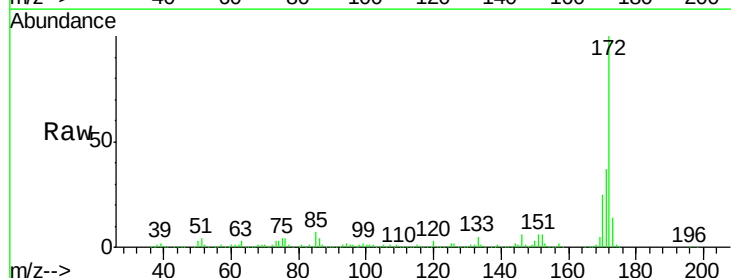
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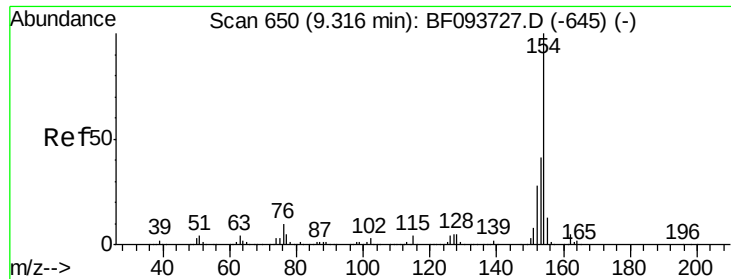
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 99.52 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1977911		
171	36.6	29.6	44.4	
170	24.7	19.8	29.8	





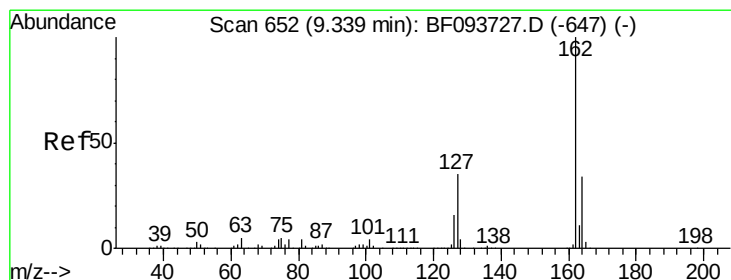
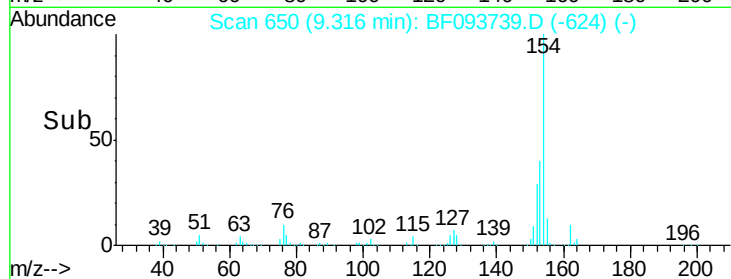
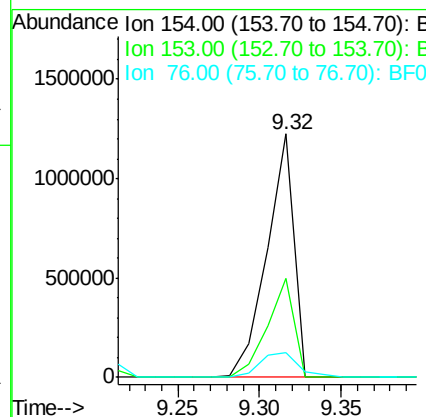
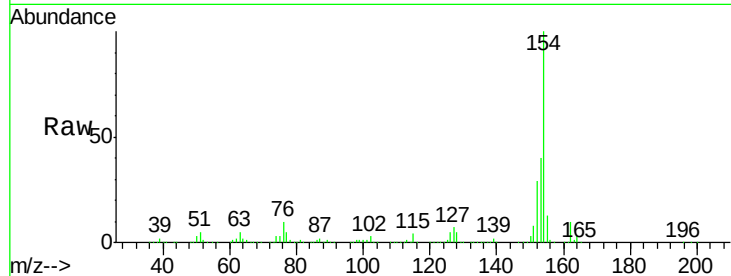
#45
 1,1'-Biphenyl
 Concen: 53.79 ng
 RT: 9.32 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	10.2	0.0	29.9

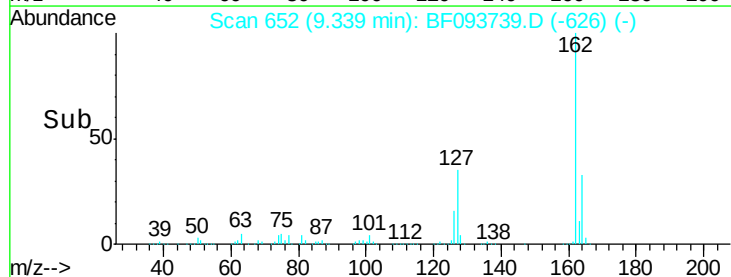
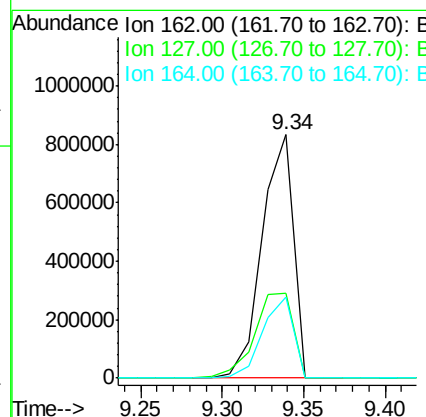
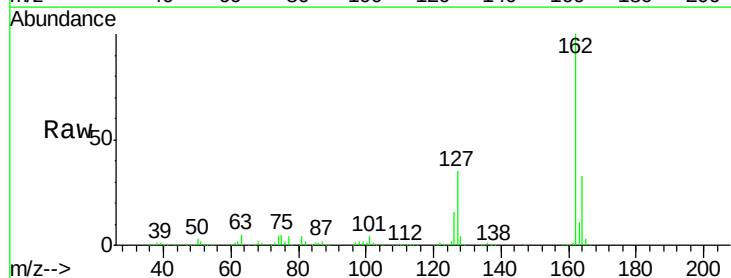
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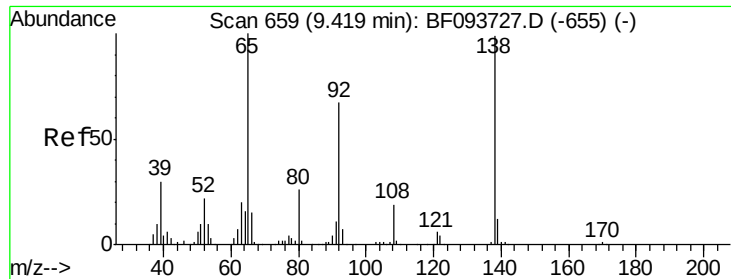
mohammad
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#46
 2-Chloronaphthalene
 Concen: 52.54 ng
 RT: 9.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.3	42.5
164	33.1	27.0	40.4





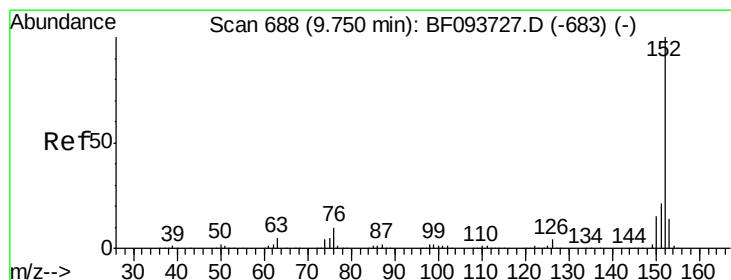
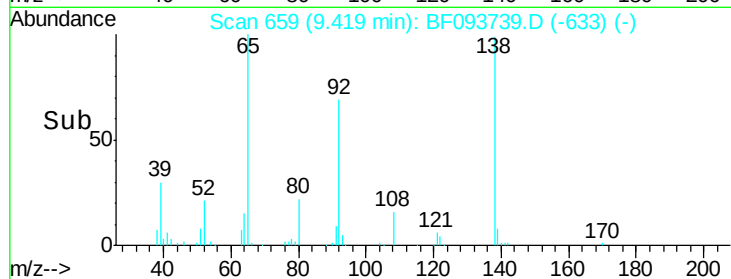
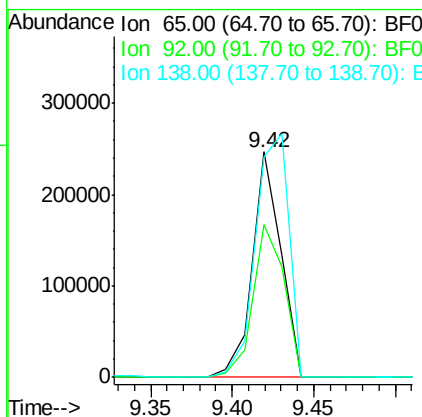
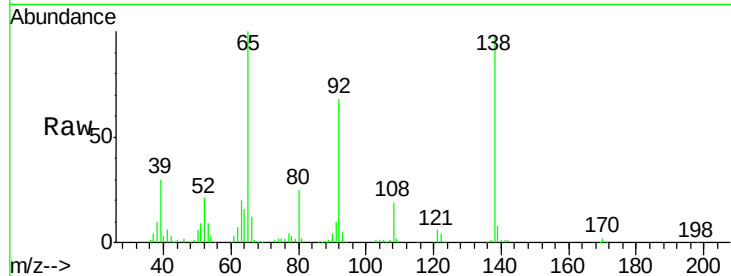
#47
2-Nitroaniline
Concen: 49.12 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	299856		
92	67.6	53.9	80.9	
138	97.8	78.8	118.2	

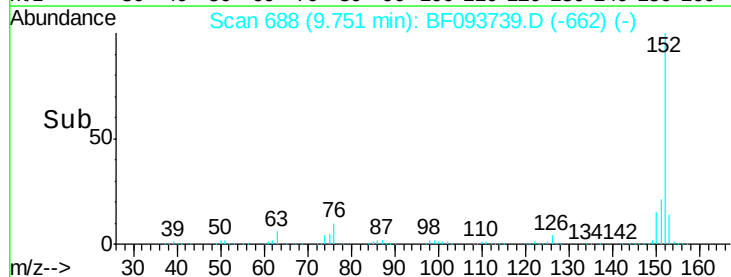
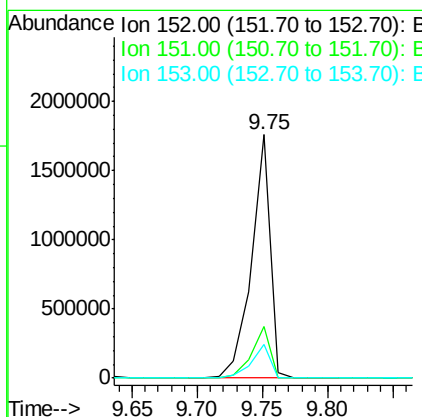
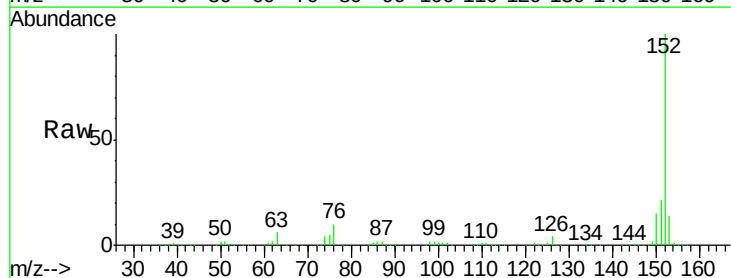
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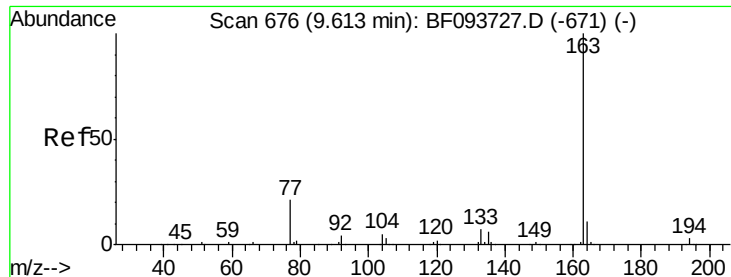
mohammad
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#48
Acenaphthylene
Concen: 50.94 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1752969		
151	21.1	16.8	25.2	
153	13.6	10.8	16.2	





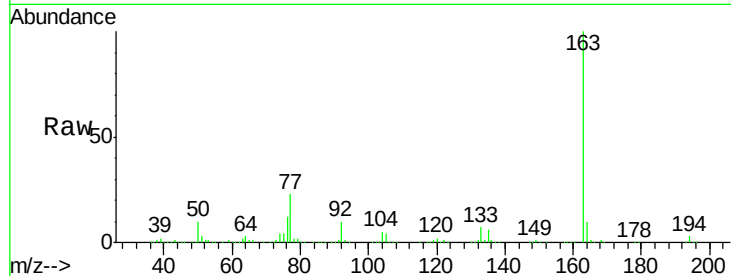
#49
Dimethylphthalate
Concen: 47.83 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

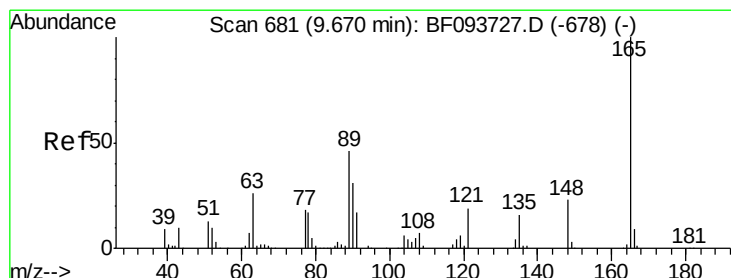
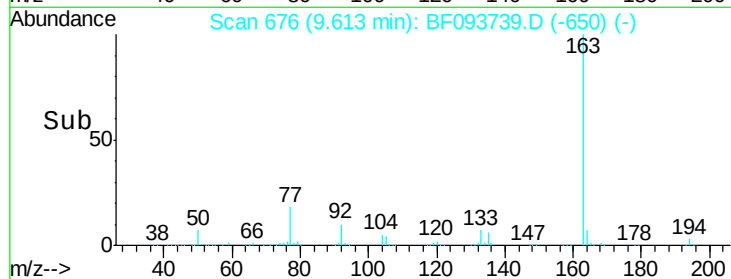
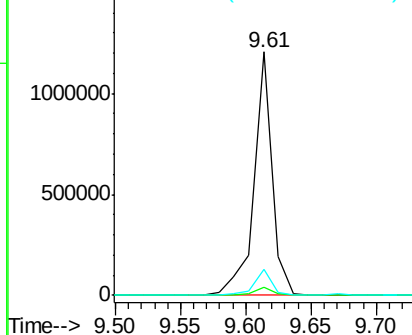
Tgt Ion:163 Resp: 1171787
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.4 12.6

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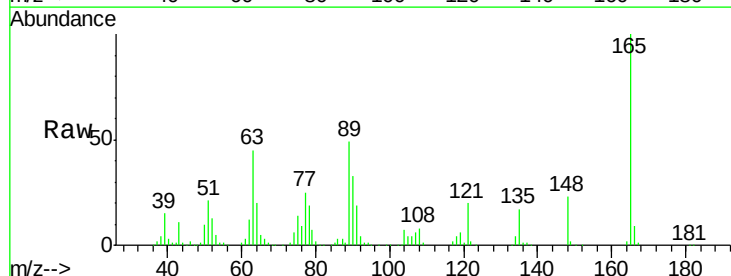


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

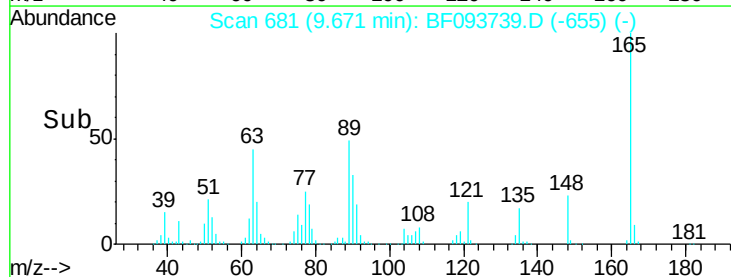
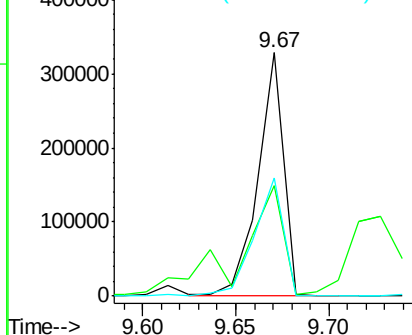


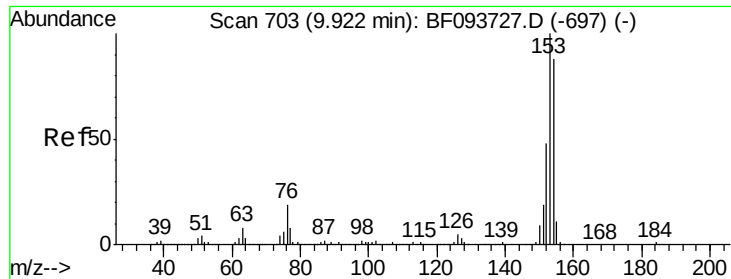
#50
2,6-Dinitrotoluene
Concen: 58.78 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:165 Resp: 311039
Ion Ratio Lower Upper
165 100
63 45.2 34.3 51.5
89 48.6 37.1 55.7



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: 57.12 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

Tgt Ion:154 Resp: 1158455

Ion Ratio Lower Upper

154 100

153 112.4 90.5 135.7

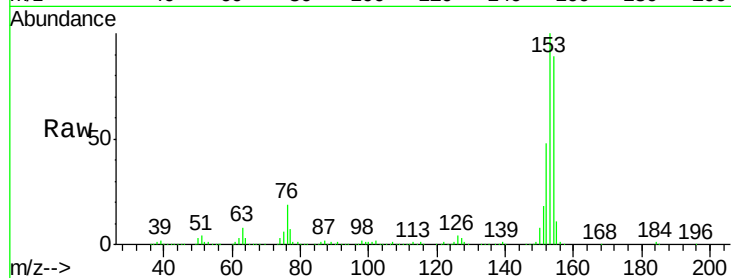
152 54.1 43.6 65.4

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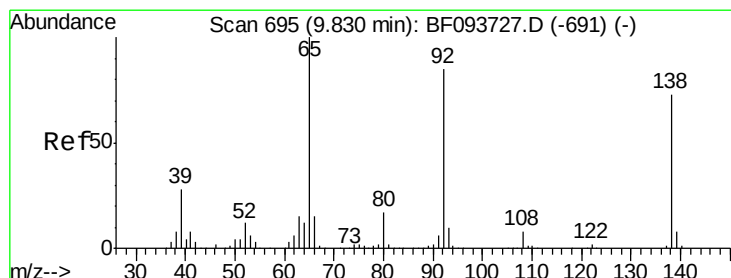
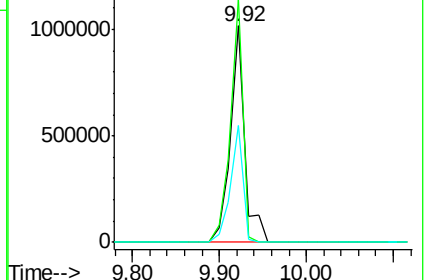
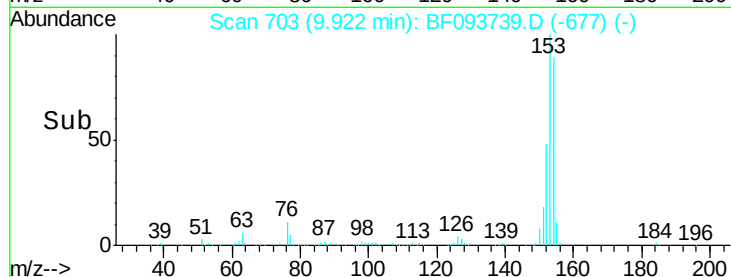
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.75 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

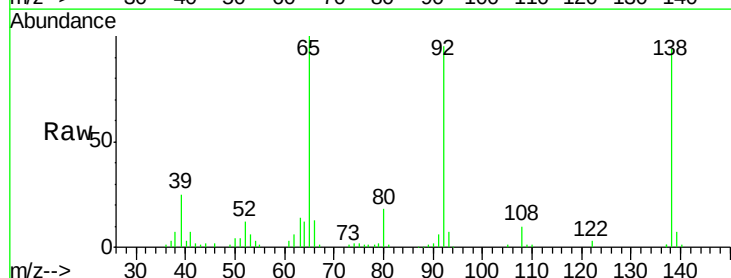
Tgt Ion:138 Resp: 73749

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

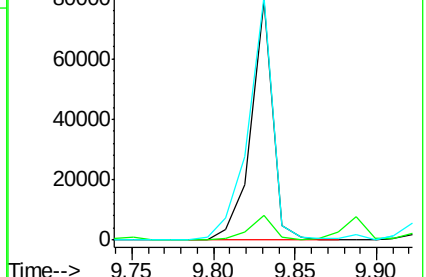
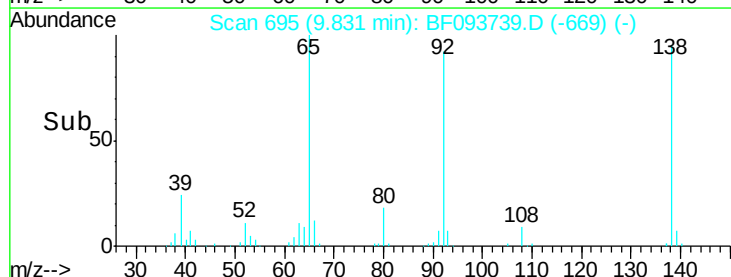
92 101.3 93.8 140.6

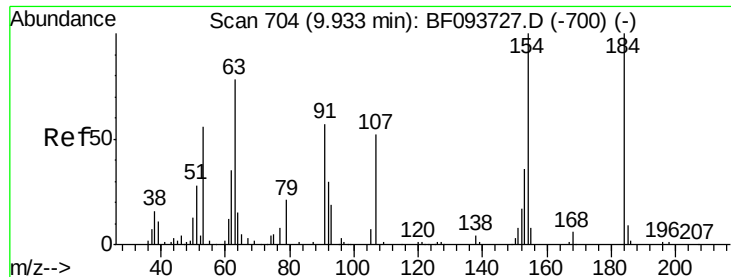


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





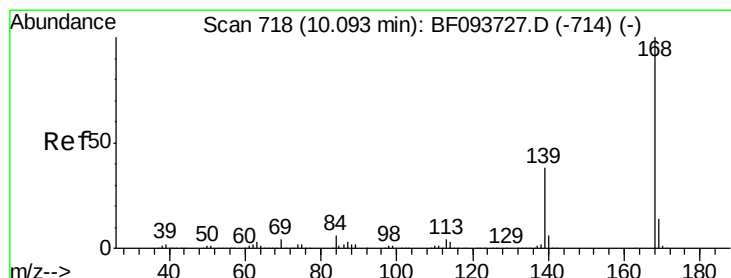
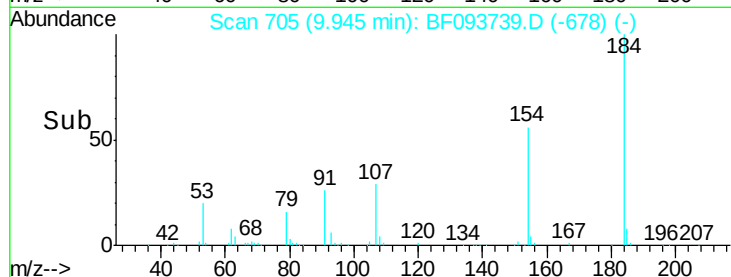
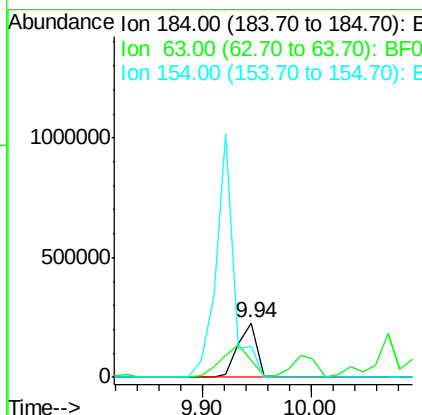
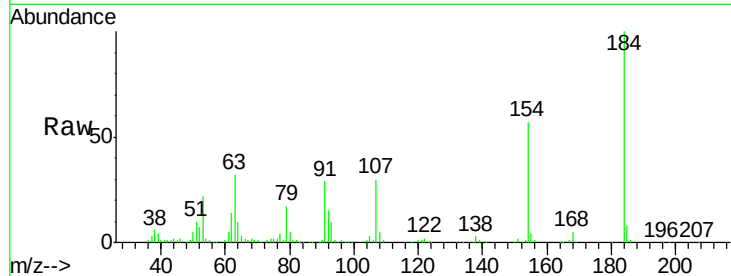
#53
2,4-Dinitrophenol
Concen: 103.27 ng
RT: 9.94 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampled :
PB97641BS

Tgt Ion:184 Resp: 270417
Ion Ratio Lower Upper
184 100
63 31.8 62.7 94.1#
154 56.5 81.1 121.7#

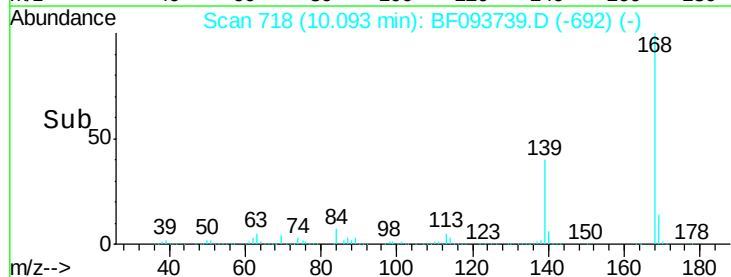
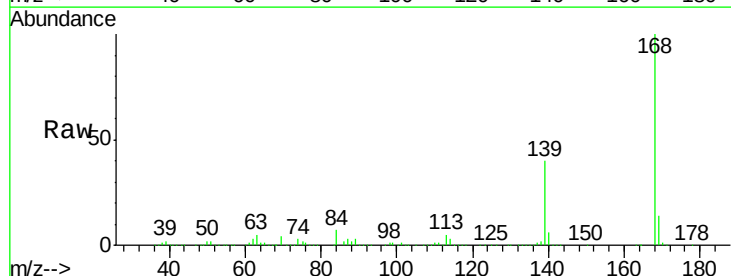
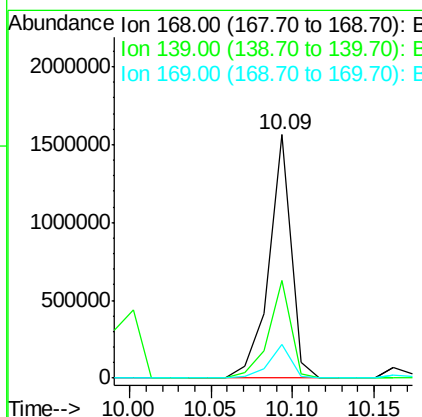
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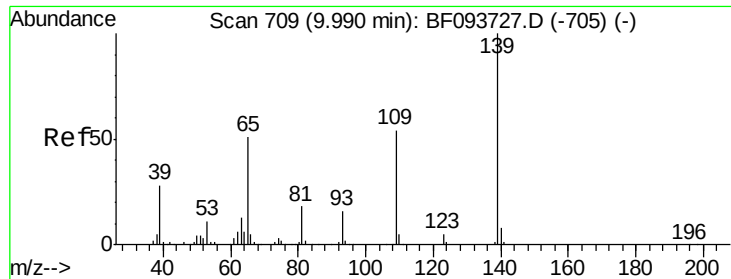
mohammad
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#54
Dibenzofuran
Concen: 53.57 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:168 Resp: 1476876
Ion Ratio Lower Upper
168 100
139 39.9 30.6 45.8
169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 125.08 ng

RT: 10.00 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

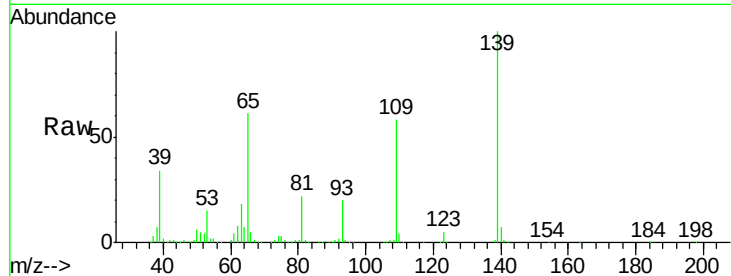
ClientSampleId :

PB97641BS

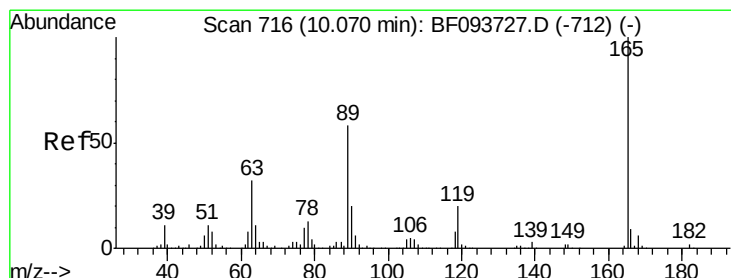
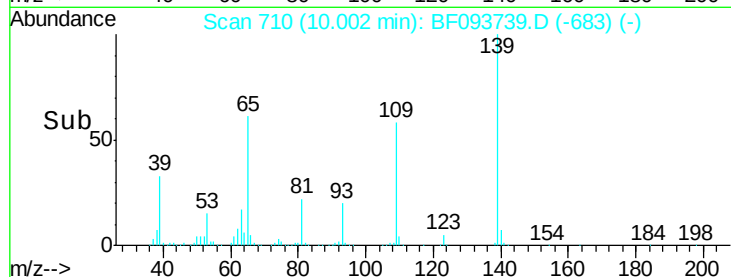
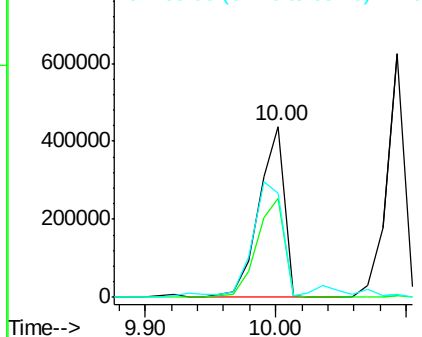
Tgt Ion:	139	Resp:	592399
Ion Ratio	Lower	Upper	
139	100		
109	58.0	34.1	74.1
65	60.7	31.4	71.4

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.80 ng

RT: 10.07 min Scan# 716

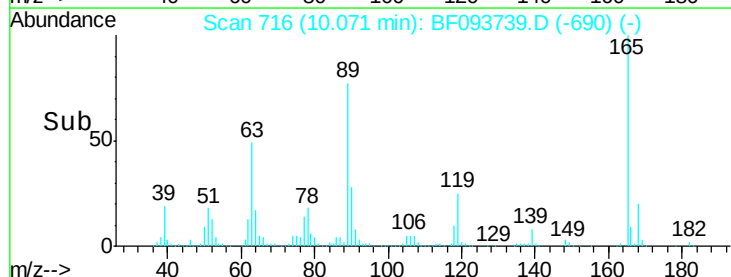
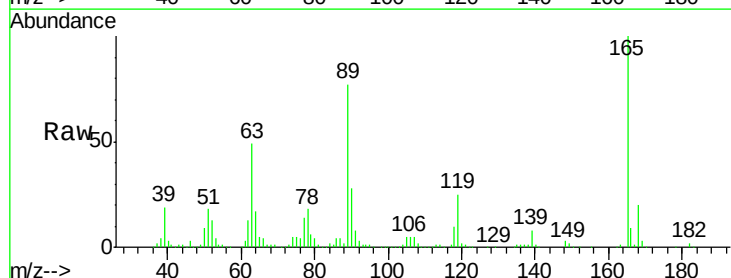
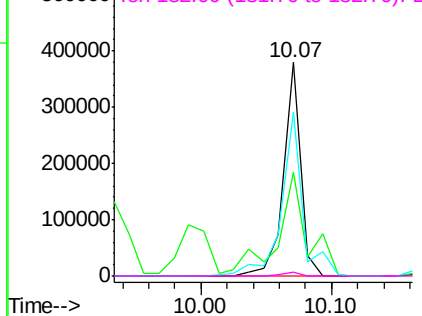
Delta R.T. 0.00 min

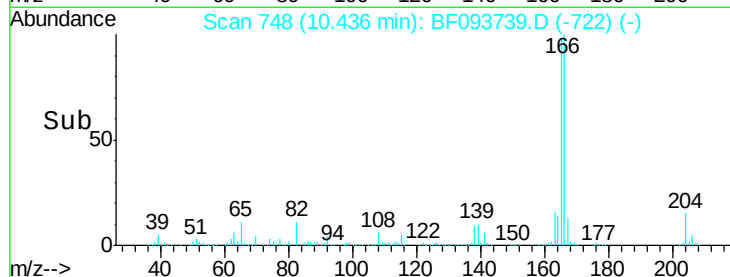
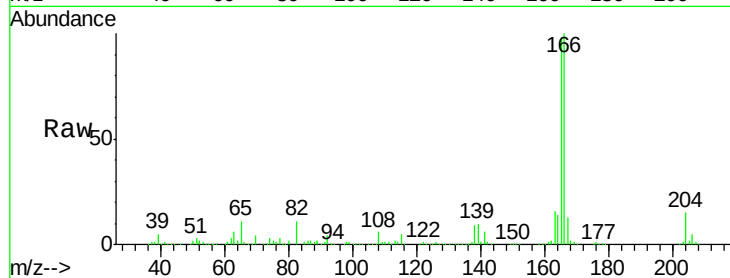
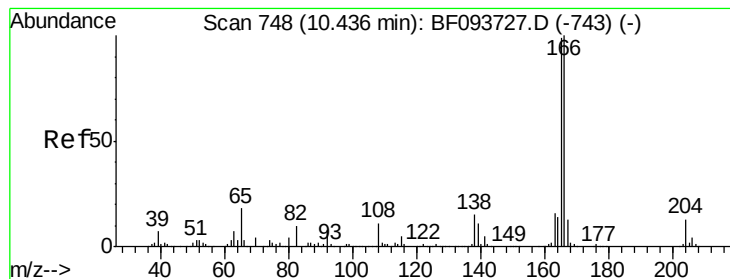
Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:	165	Resp:	350772
Ion Ratio	Lower	Upper	
165	100		
63	48.6	25.4	38.0#
89	76.8	46.4	69.6#
182	2.1	1.8	2.6

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.57 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:	166	Resp:	1108596
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.8	118.2
167	13.4	10.6	16.0

Instrument :

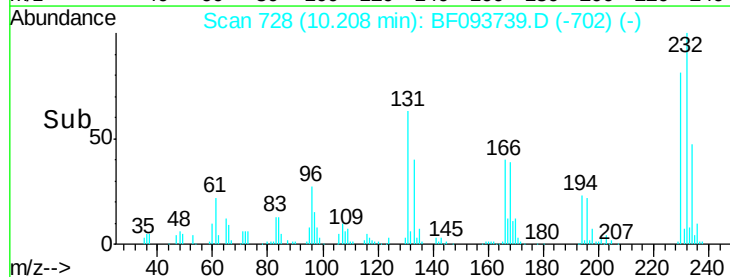
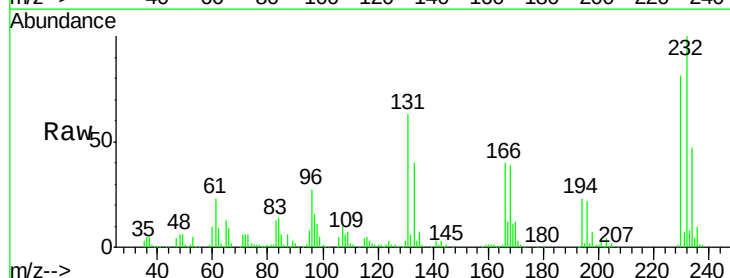
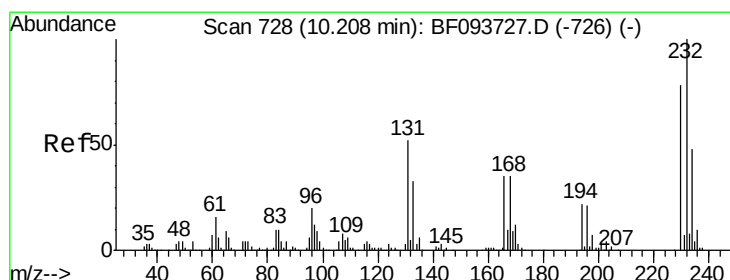
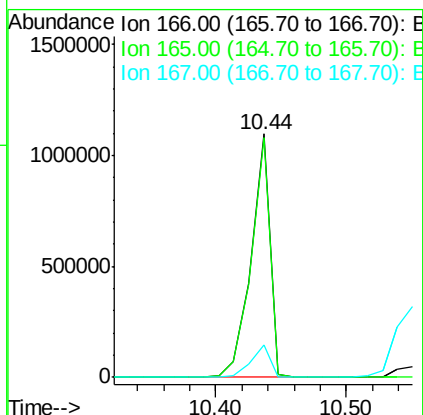
BNA_F

ClientSampled :

PB97641BS

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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.85 ng

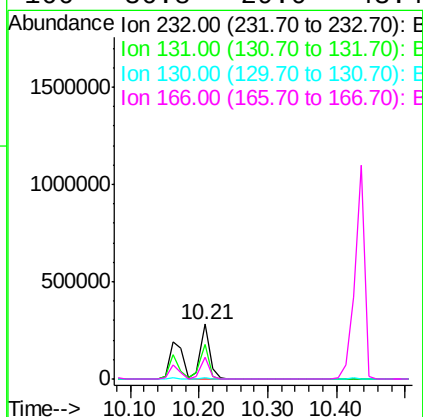
RT: 10.21 min Scan# 728

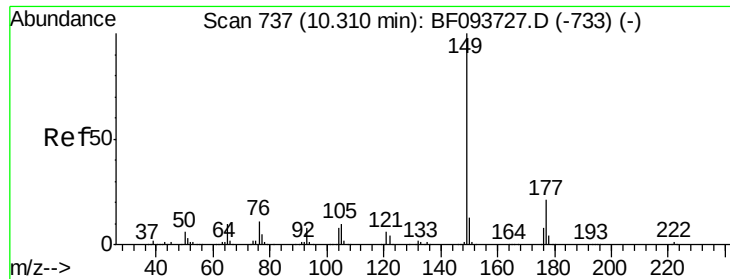
Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:	232	Resp:	261030
Ion Ratio	Lower	Upper	
232	100		
131	58.7	44.8	67.2
130	3.0	2.3	3.5
166	36.8	29.0	43.4





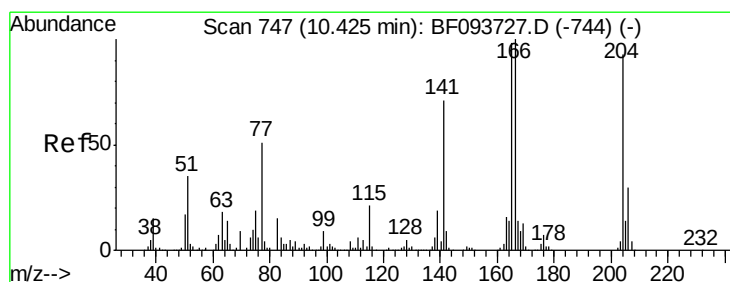
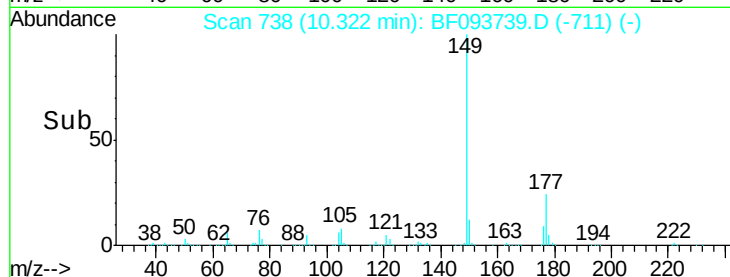
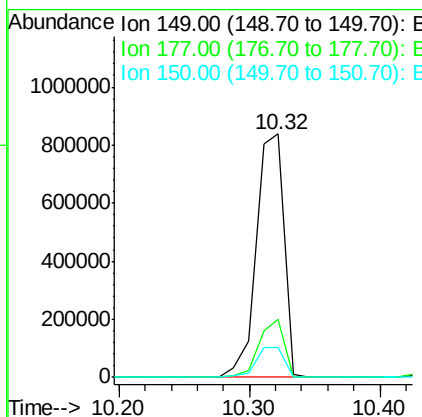
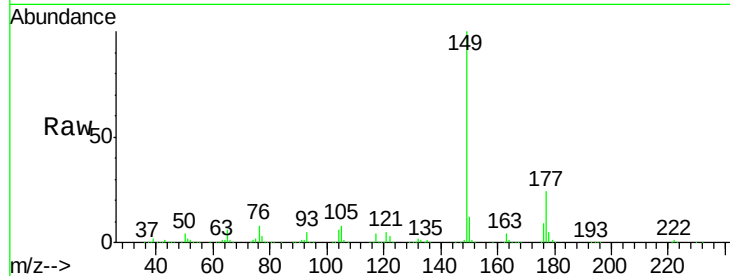
#59
Diethylphthalate
Concen: 53.32 ng
RT: 10.32 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampled :
PB97641BS

Tgt Ion:149 Resp: 1243250
Ion Ratio Lower Upper
149 100
177 23.8 16.7 25.1
150 12.1 10.2 15.2

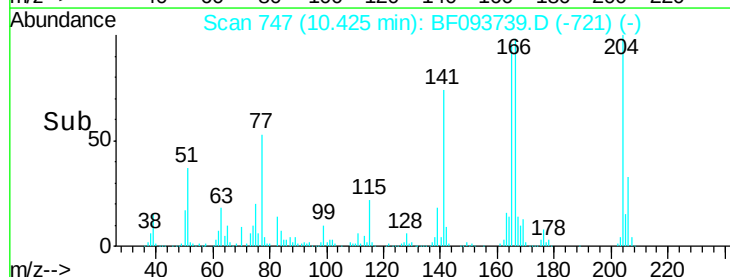
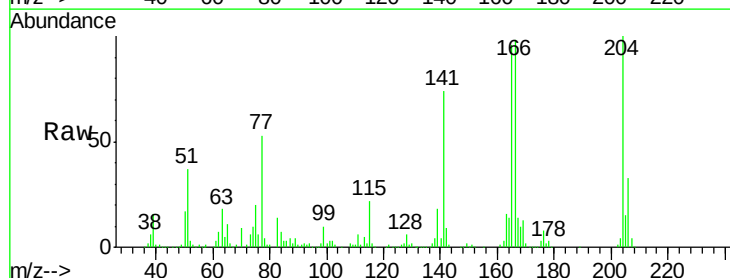
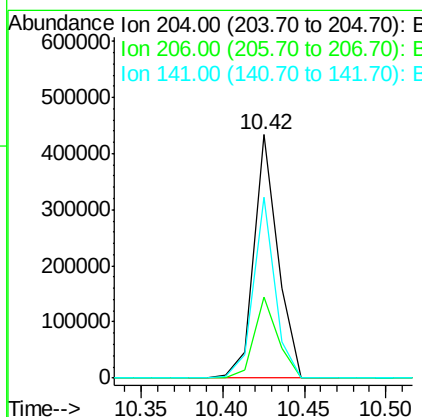
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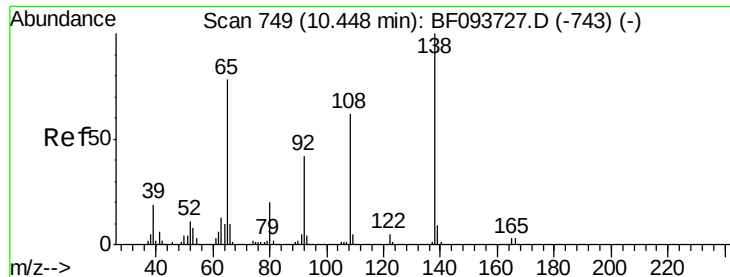
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 46.97 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion:204 Resp: 442556
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 74.4 60.8 91.2





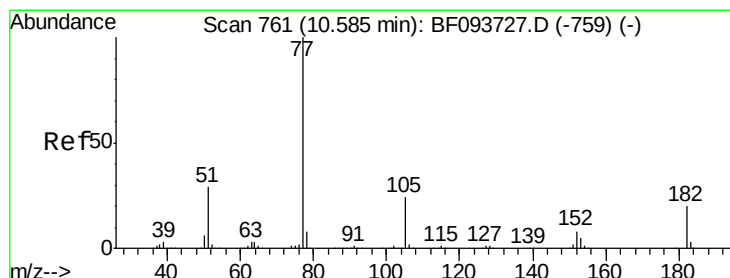
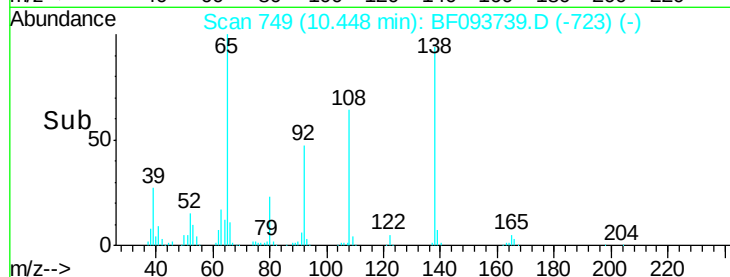
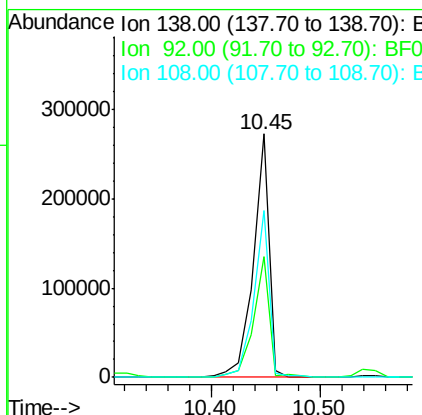
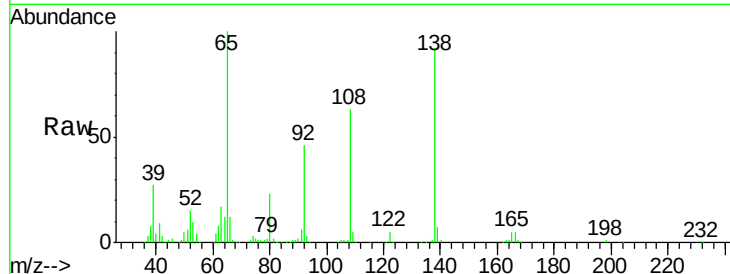
#61
4-Nitroaniline
Concen: 47.51 ng
RT: 10.45 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	277598		
92	49.7	21.8	61.8	
108	68.4	42.3	82.3	

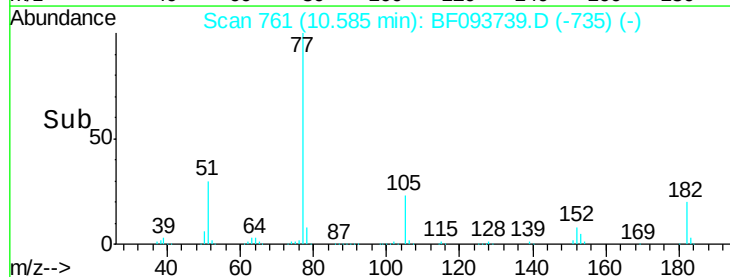
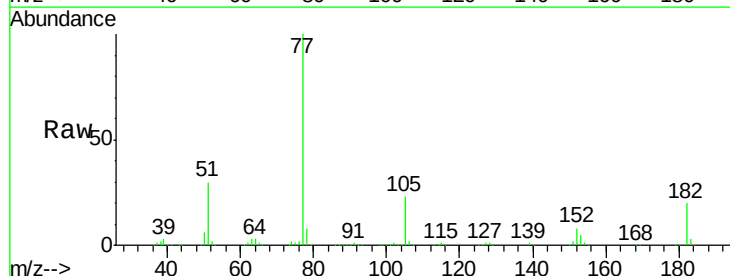
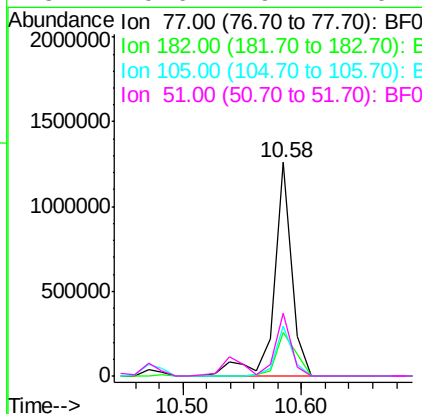
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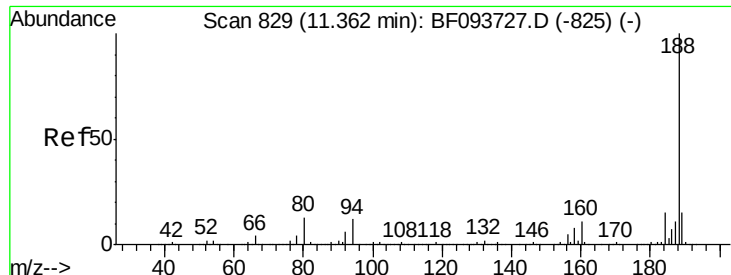
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#62
Azobenzene
Concen: 55.63 ng
RT: 10.58 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1310631		
182	20.1	0.1	40.1	
105	23.4	3.6	43.6	
51	29.6	9.4	49.4	





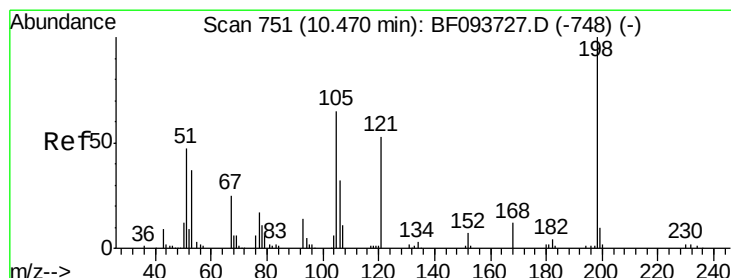
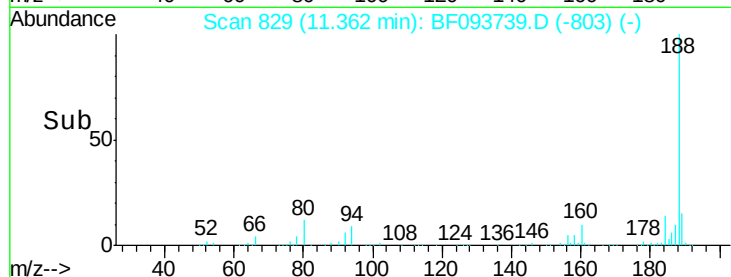
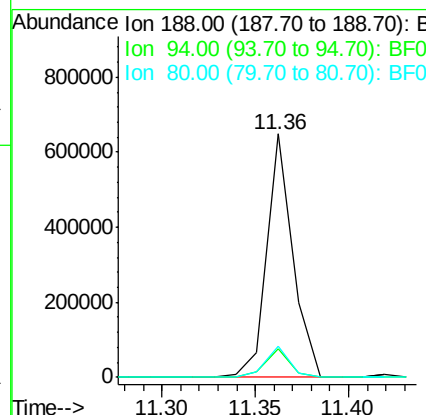
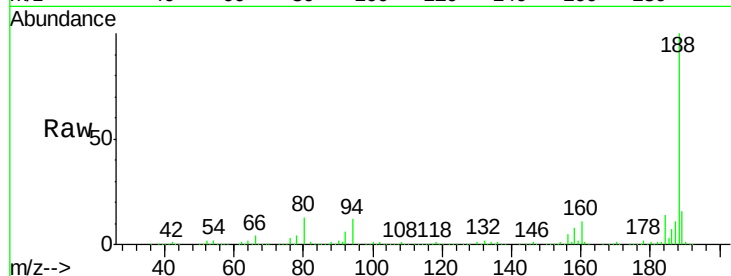
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.9	9.4	14.2
80	12.8	10.2	15.2

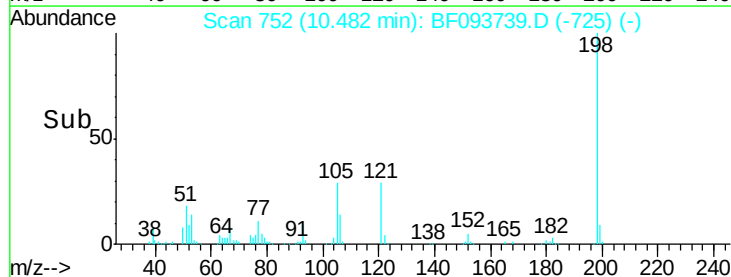
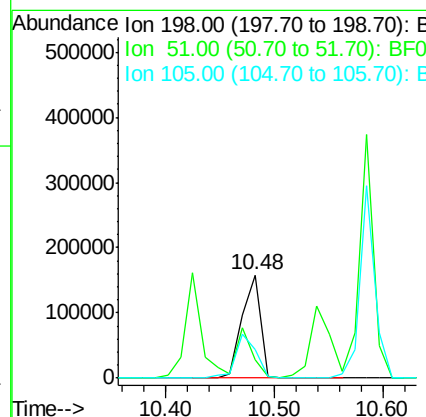
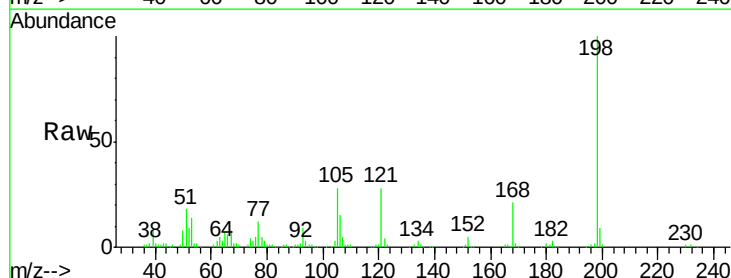
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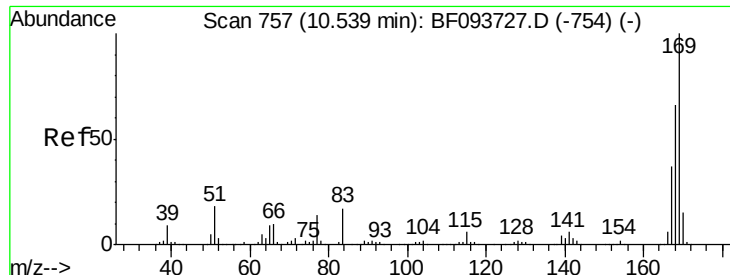
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 54.02 ng
 RT: 10.48 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	17.7	53.2	93.2#
105	28.0	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 50.19 ng

RT: 10.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

Tgt Ion:169 Resp: 1073866

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

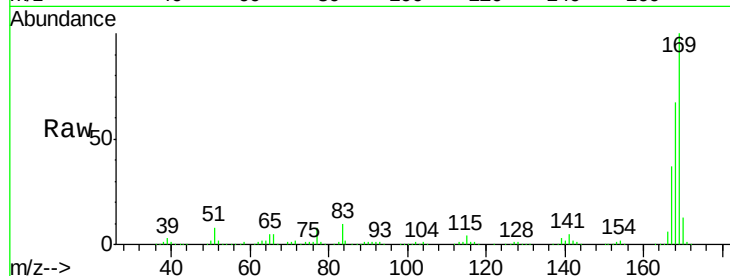
167 37.0 29.5 44.3

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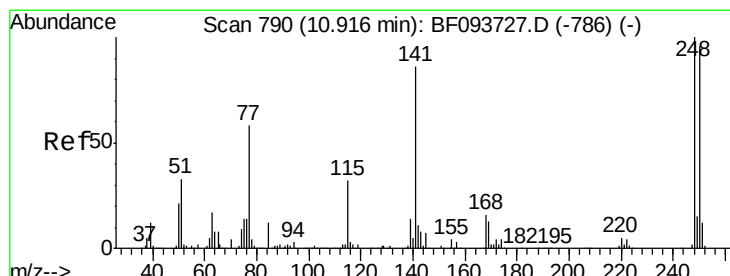
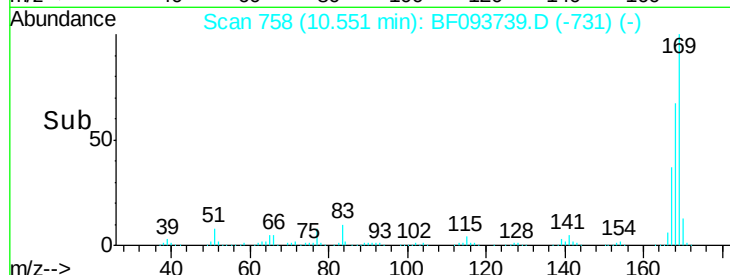
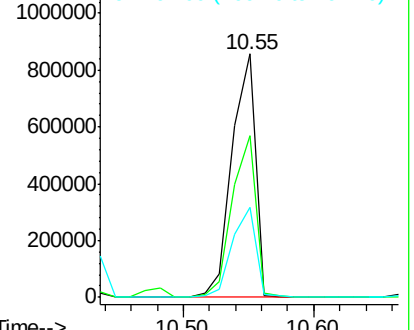
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.21 ng

RT: 10.92 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

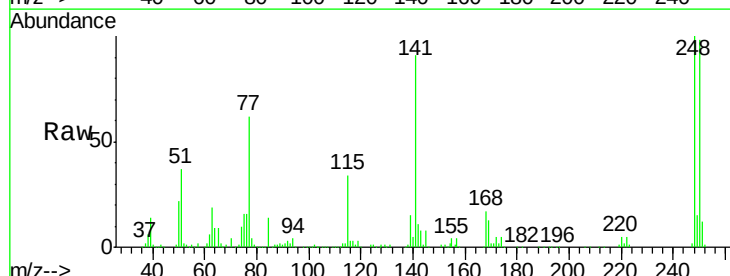
Tgt Ion:248 Resp: 282840

Ion Ratio Lower Upper

248 100

250 98.5 76.8 115.2

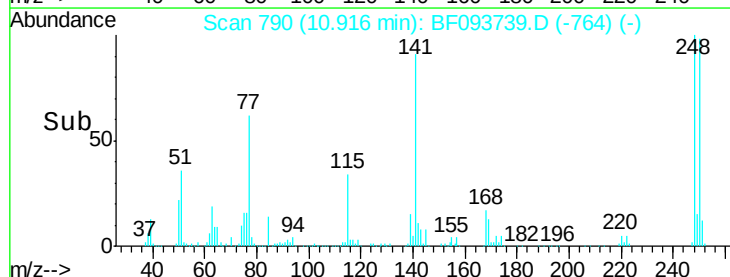
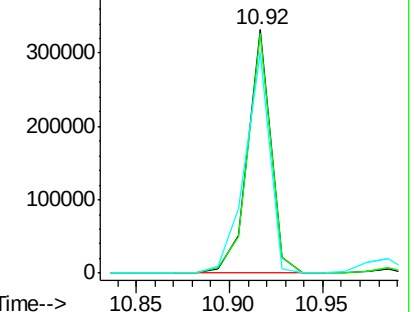
141 90.8 68.6 103.0

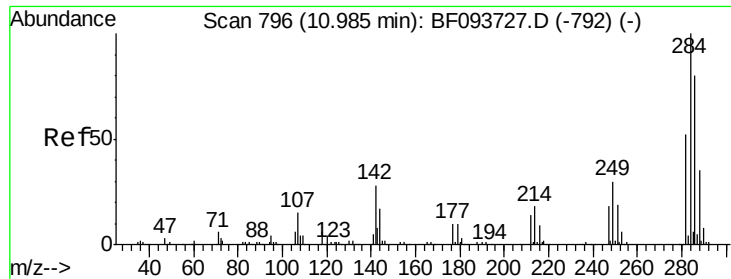


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.75 ng

RT: 10.98 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

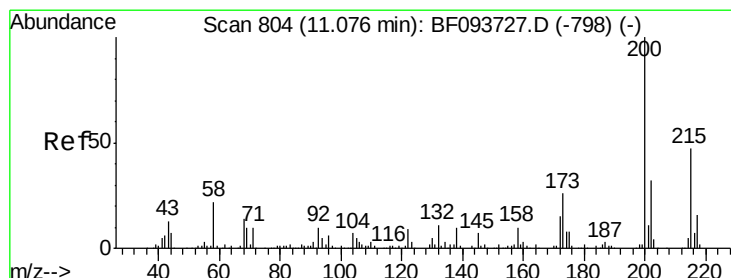
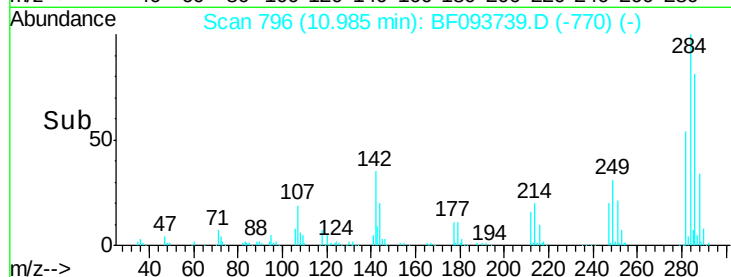
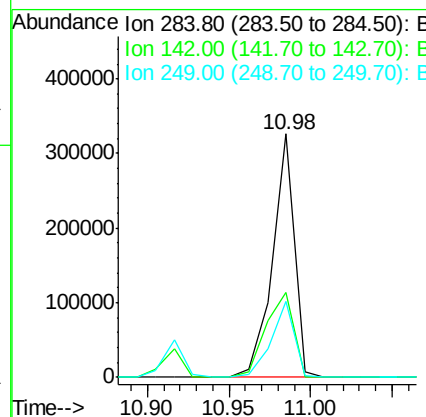
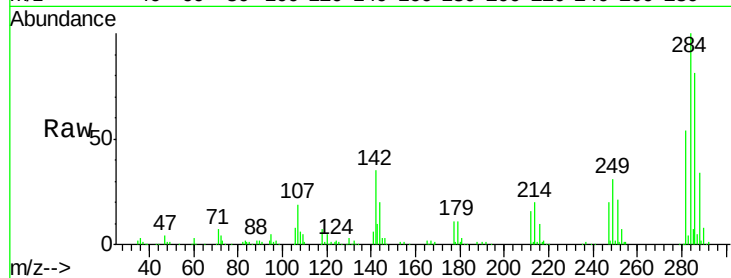
ClientSampleId :

PB97641BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	305299		
142	35.0	22.8	34.2#	
249	31.1	24.0	36.0	

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#68

Atrazine

Concen: 54.79 ng

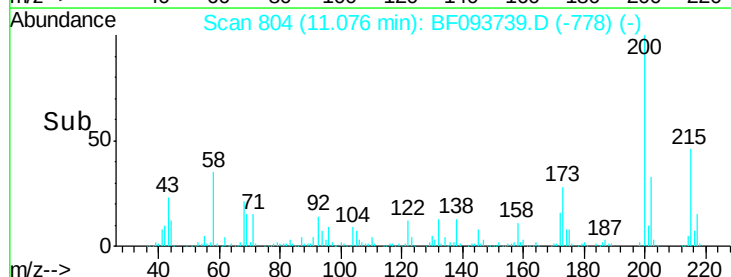
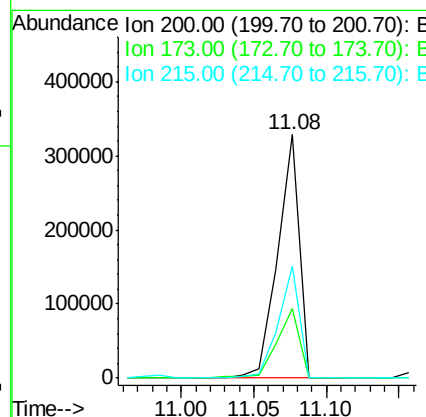
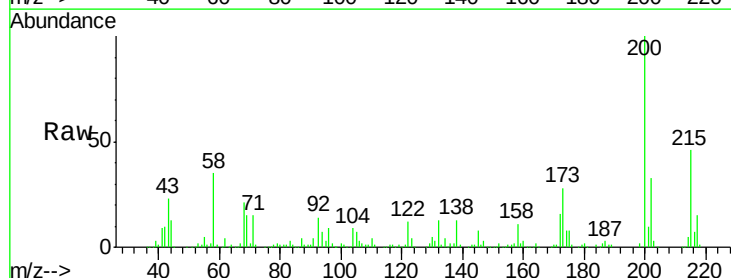
RT: 11.08 min Scan# 804

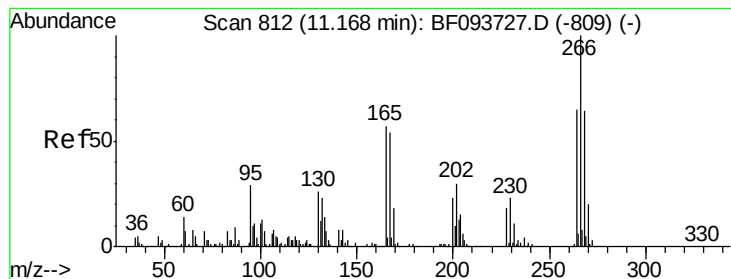
Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	337589		
173	28.4	6.3	46.3	
215	45.8	27.2	67.2	





#69

Pentachlorophenol

Concen: 95.19 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

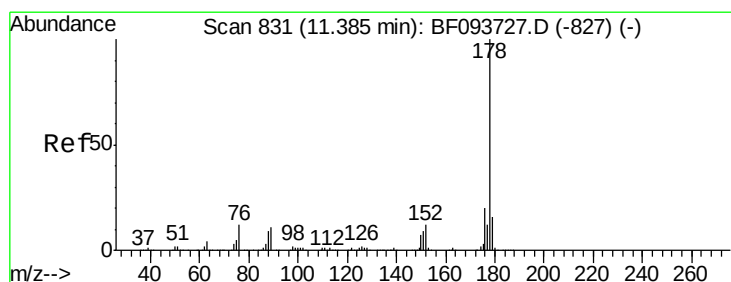
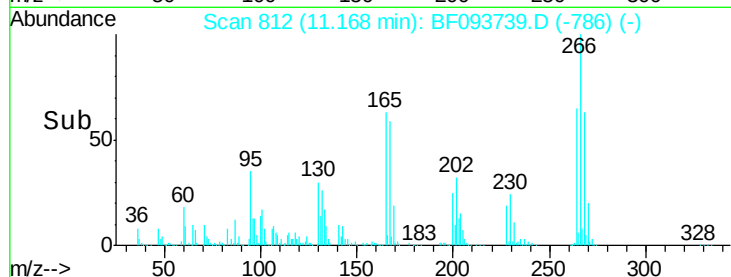
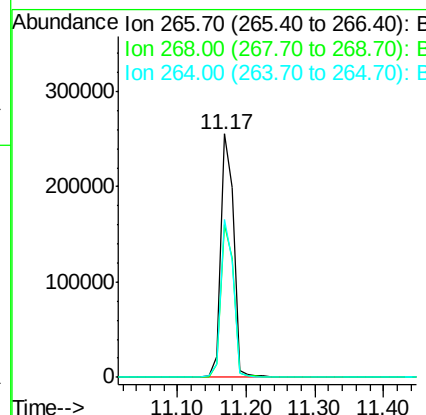
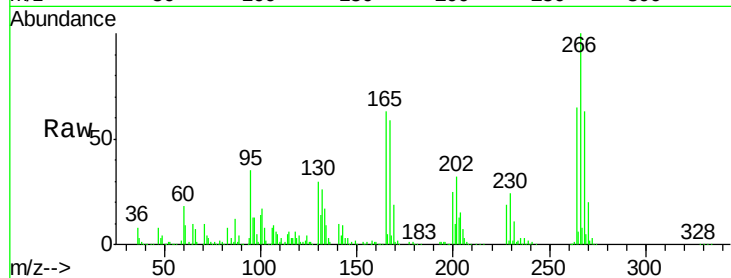
ClientSampleId :

PB97641BS

Tgt Ion:	266	Resp:	341513
Ion Ratio		Lower	Upper
266	100		
268	62.7	51.1	76.7
264	64.7	51.7	77.5

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#70

Phenanthrene

Concen: 44.64 ng

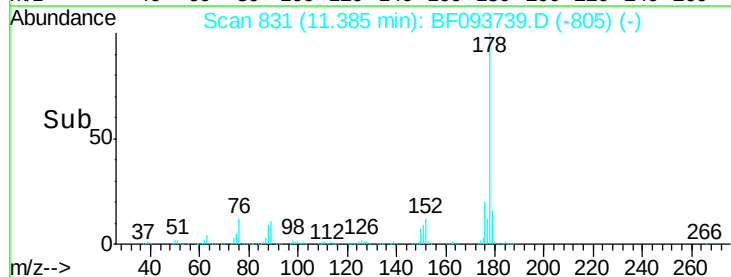
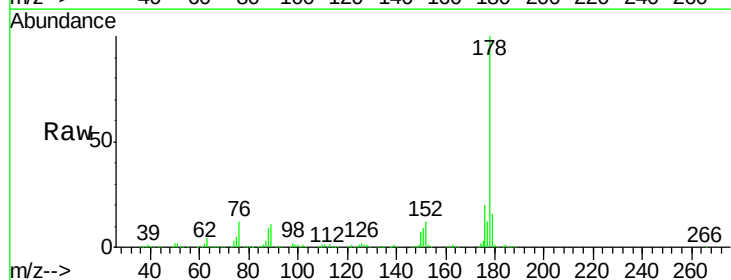
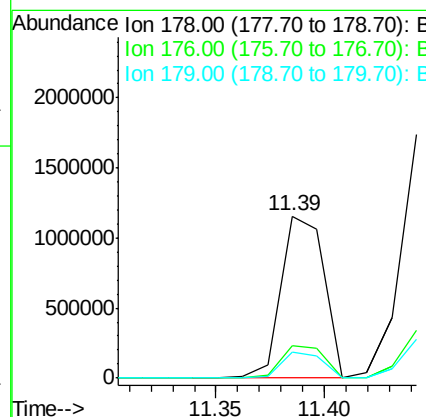
RT: 11.39 min Scan# 831

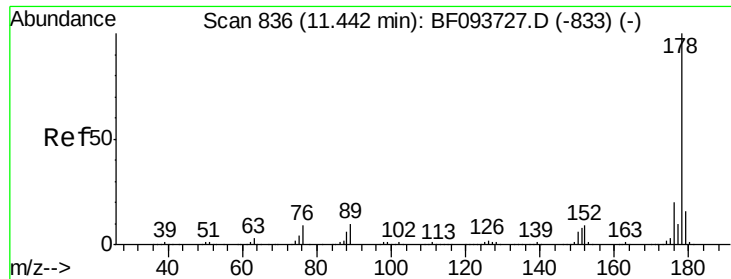
Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:	178	Resp:	1599653
Ion Ratio		Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.9	12.6	19.0





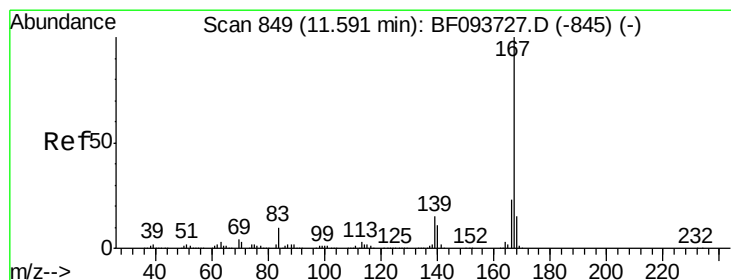
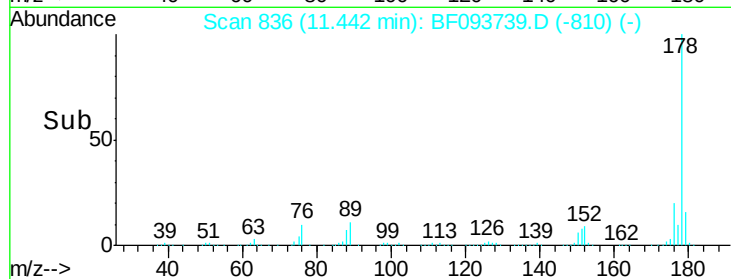
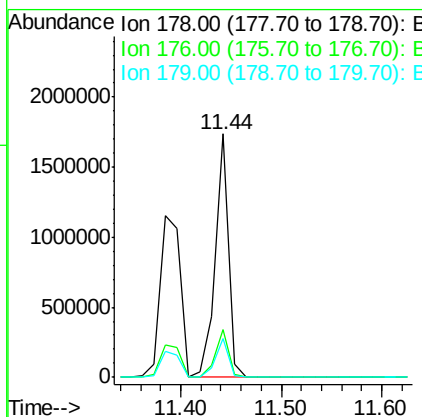
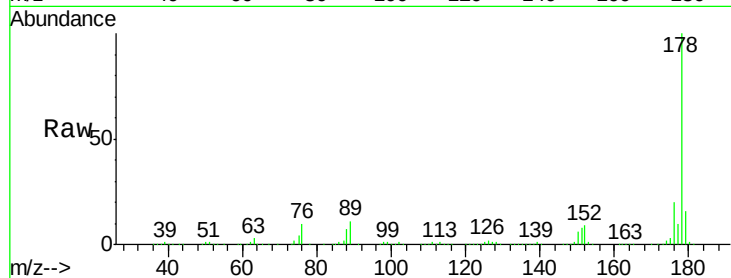
#71
 Anthracene
 Concen: 45.21 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.0	12.7	19.1

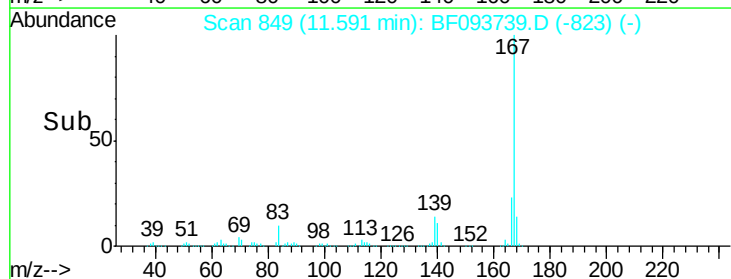
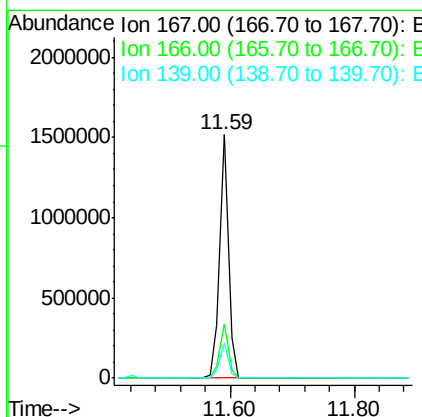
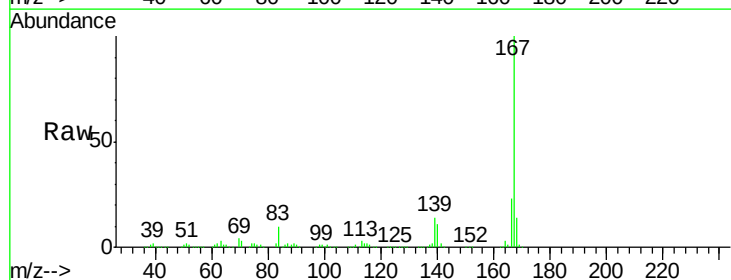
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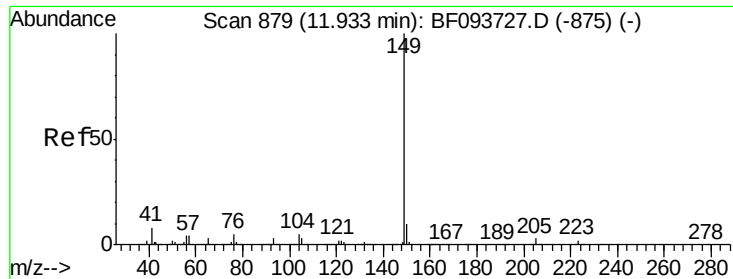
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#72
 Carbazole
 Concen: 39.84 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	14.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 45.72 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

Tgt Ion:149 Resp: 1715278

Ion Ratio Lower Upper

149 100

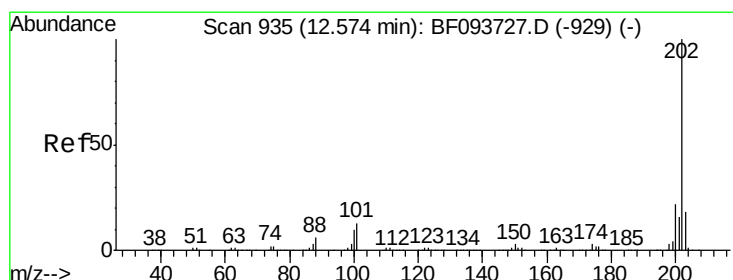
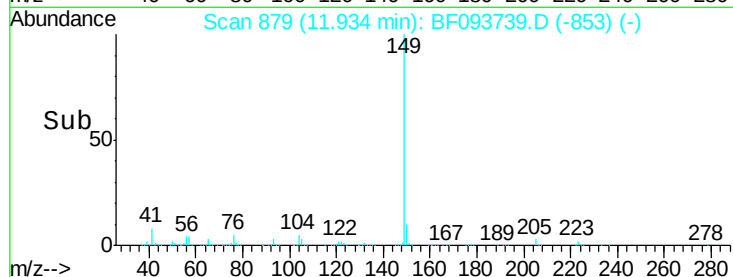
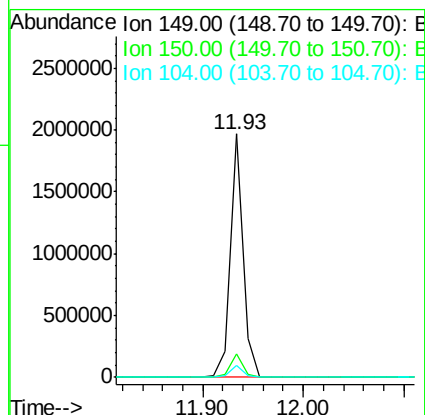
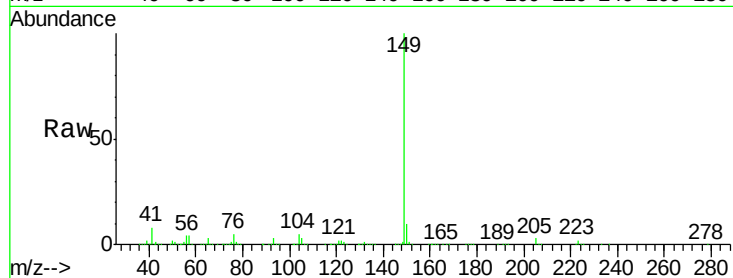
150 9.7 7.7 11.5

104 5.0 4.0 6.0

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#74

Fluoranthene

Concen: 46.76 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

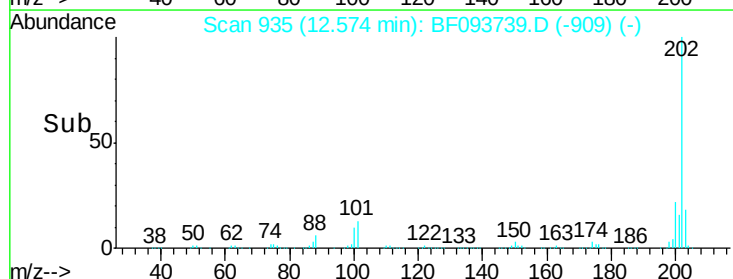
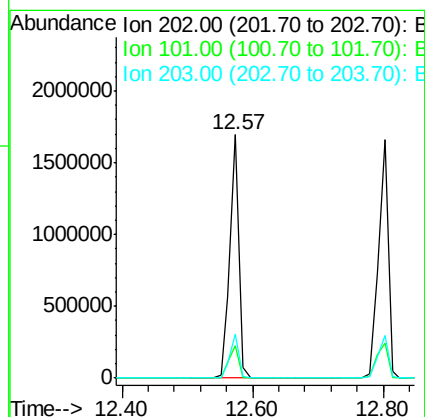
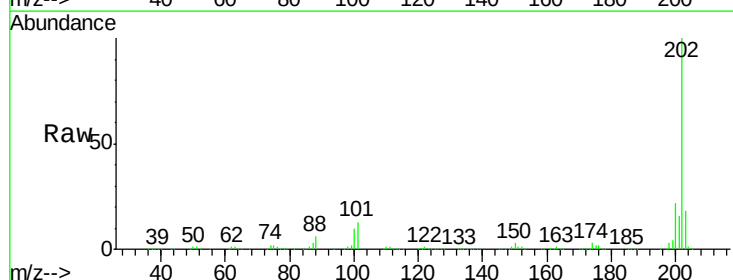
Tgt Ion:202 Resp: 1623943

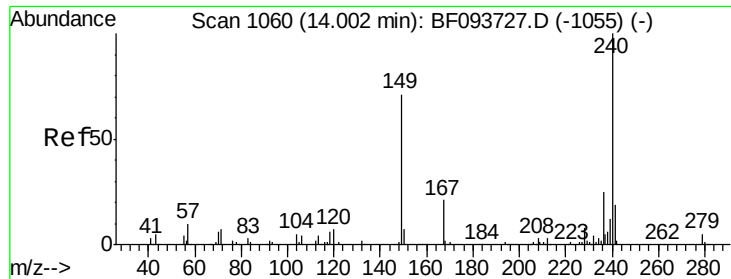
Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

ClientSampleId :

PB97641BS

Tgt Ion: 240 Resp: 411752

Ion Ratio Lower Upper

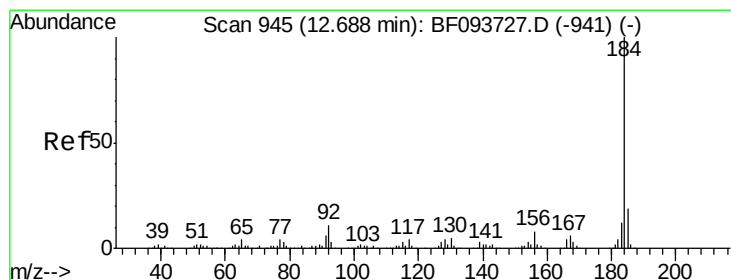
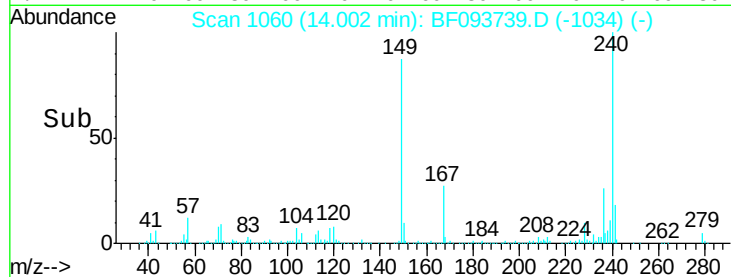
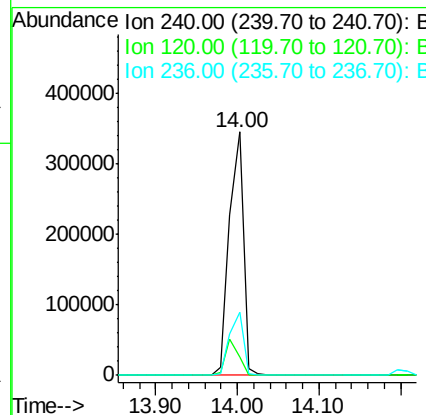
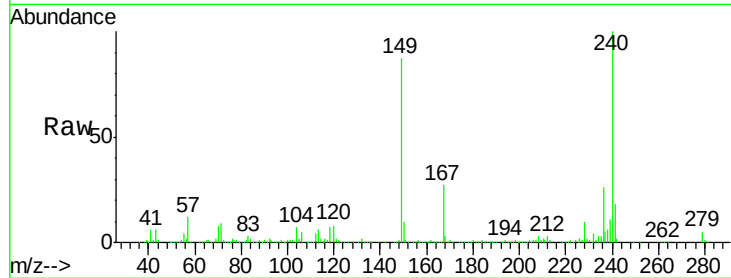
240 100

120 7.6 5.8 8.8

236 26.1 20.5 30.7

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#76

Benzidine

Concen: 29.46 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

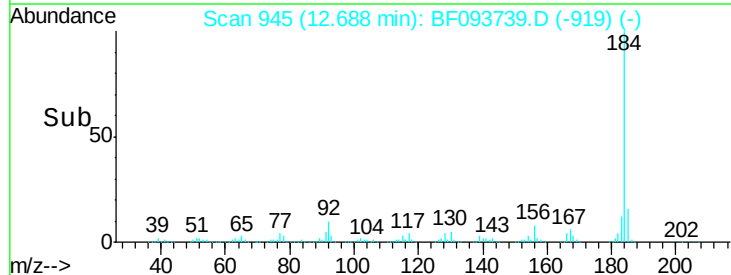
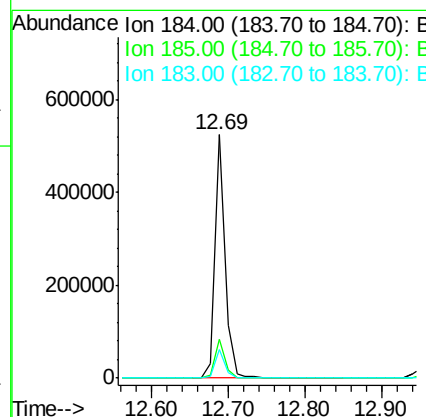
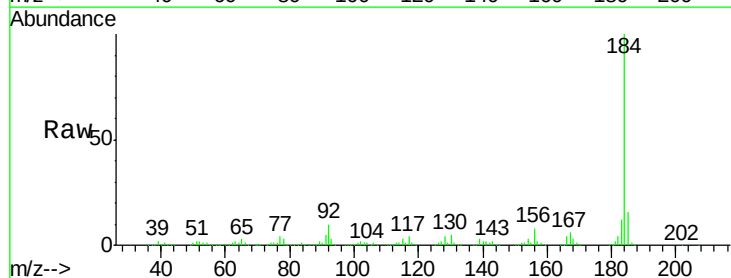
Tgt Ion: 184 Resp: 474031

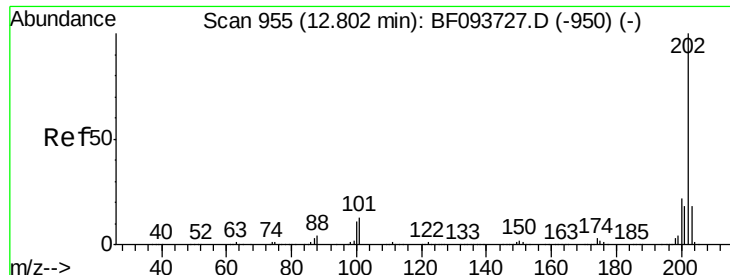
Ion Ratio Lower Upper

184 100

185 15.8 15.5 23.3

183 11.9 9.8 14.6





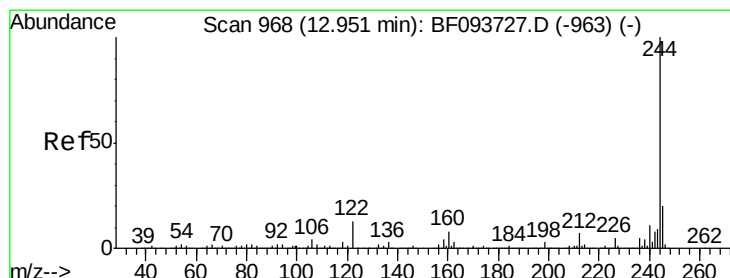
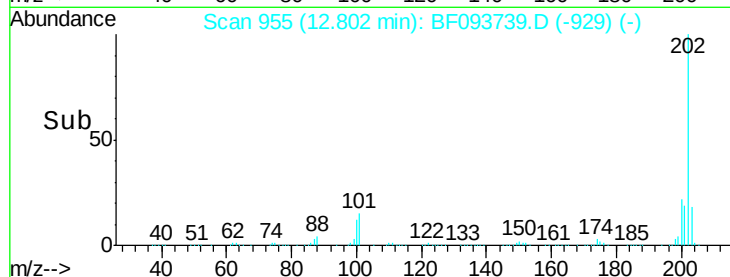
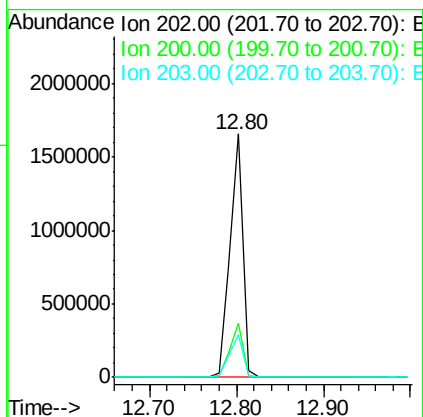
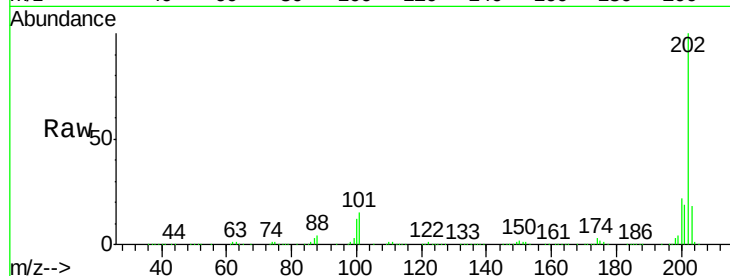
#77
Pyrene
 Concen: 48.55 ng
 RT: 12.80 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.8	14.4	21.6

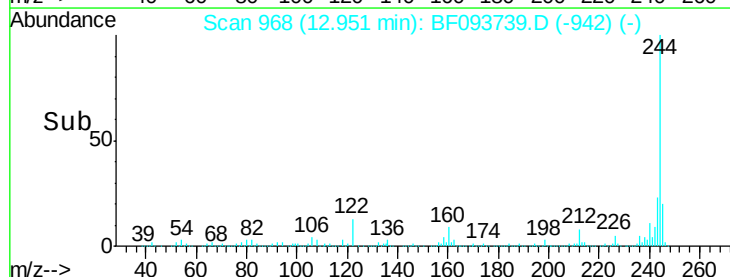
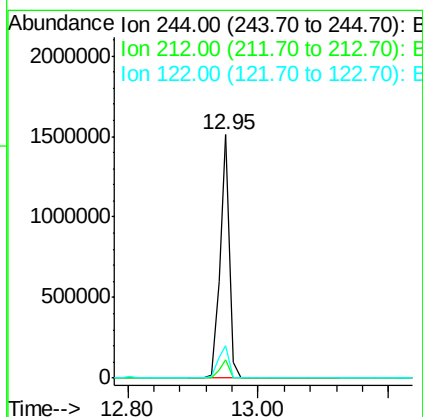
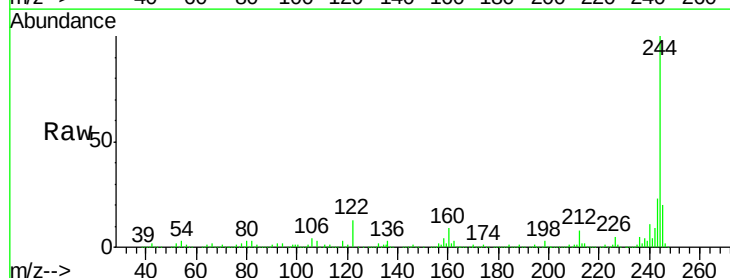
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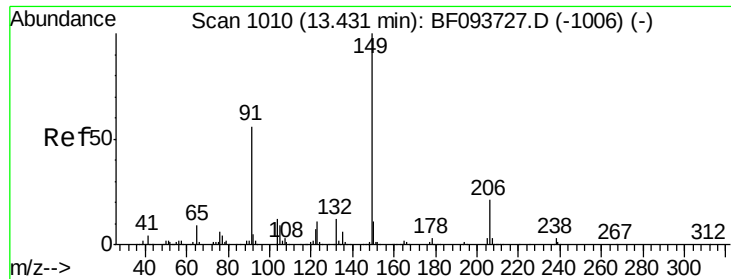
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#78
Terphenyl-d14
 Concen: 80.45 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.4	10.3	15.5





#79

Butylbenzylphthalate

Concen: 53.84 ng

RT: 13.43 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Instrument :

BNA_F

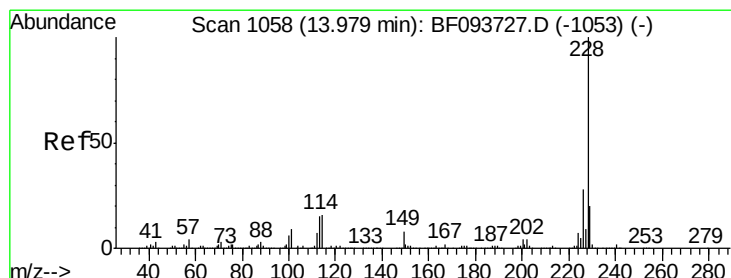
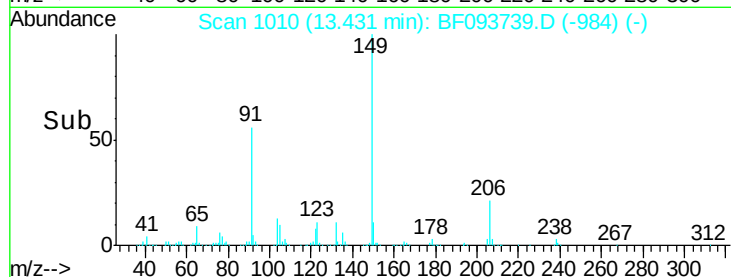
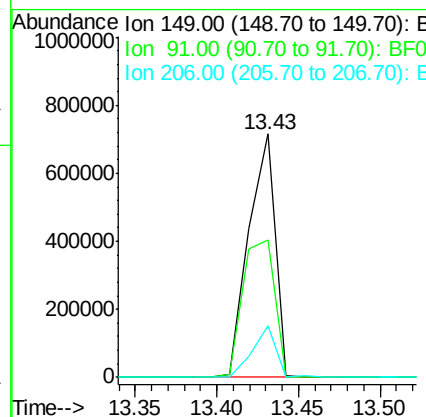
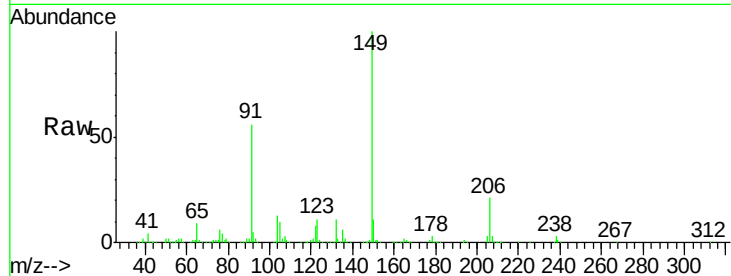
ClientSampleId :

PB97641BS

Tgt Ion:	149	Resp:	800879
Ion Ratio	Lower	Upper	
149	100		
91	56.4	45.0	67.4
206	21.1	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 49.08 ng

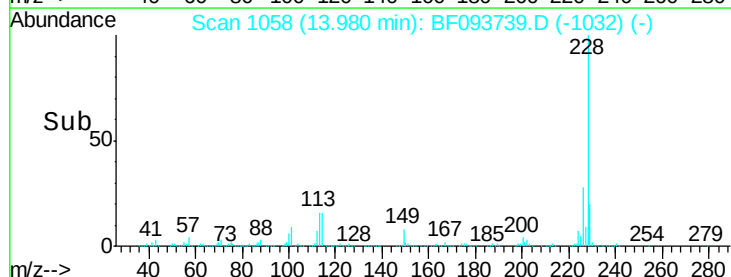
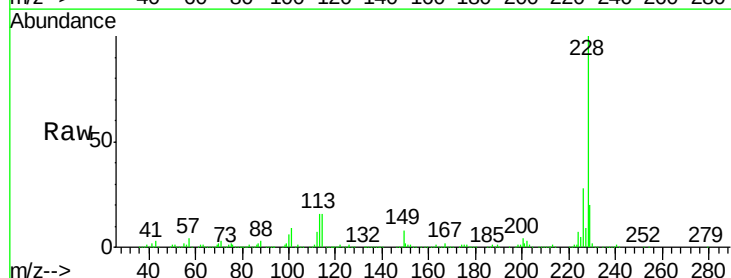
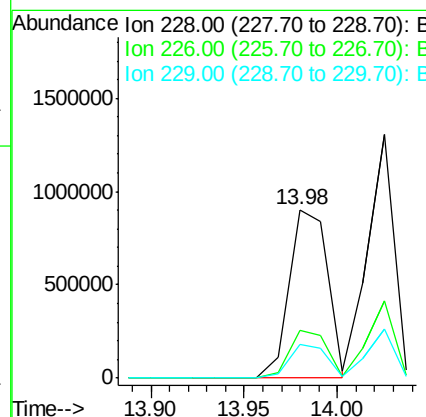
RT: 13.98 min Scan# 1058

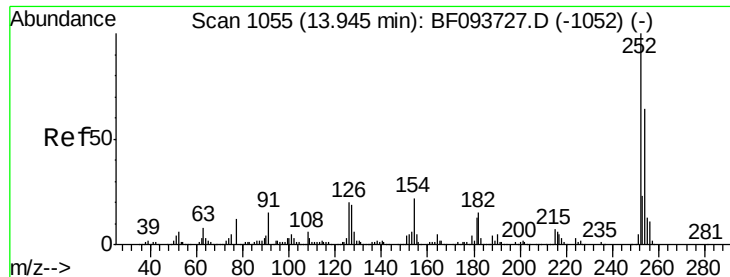
Delta R.T. 0.00 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:	228	Resp:	1296922
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	20.1	16.3	24.5





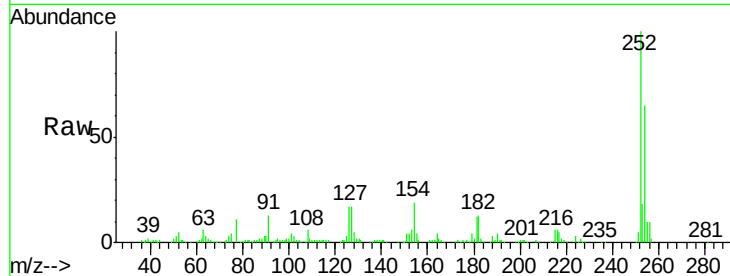
#81
 3,3'-Dichlorobenzidine
 Concen: 18.70 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

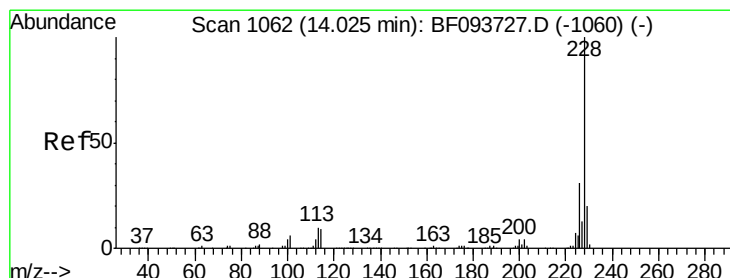
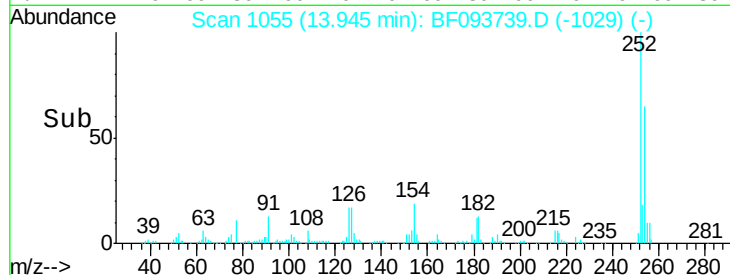
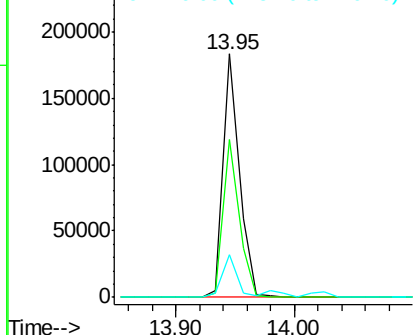
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	17.3	15.8	23.8

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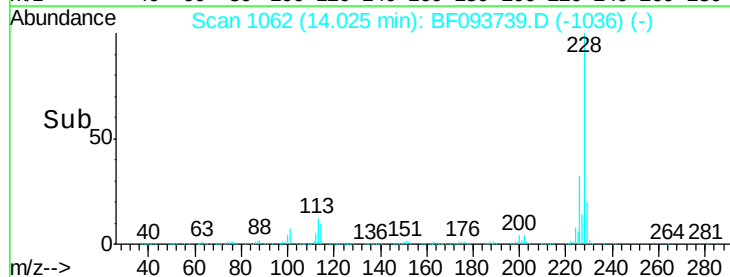
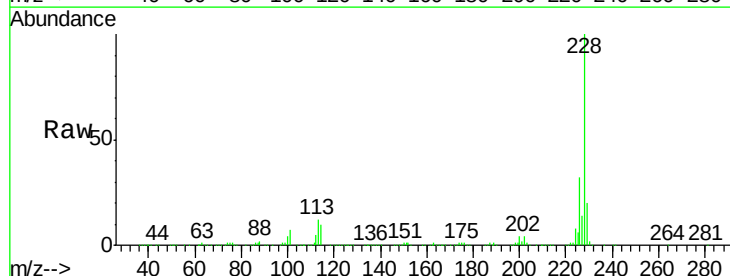
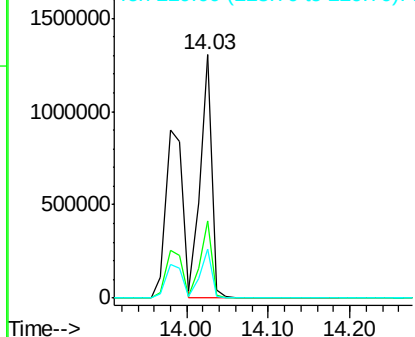
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

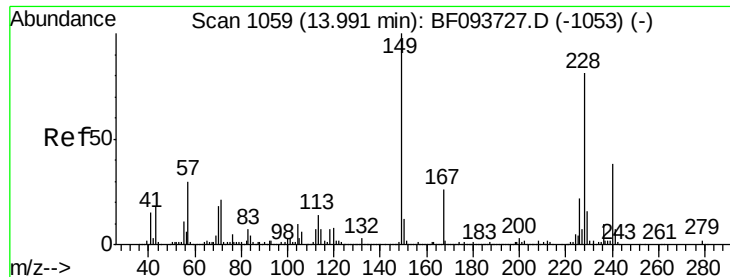


#82
 Chrysene
 Concen: 50.72 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.0	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





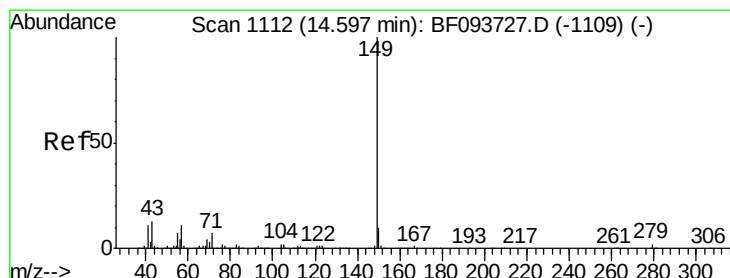
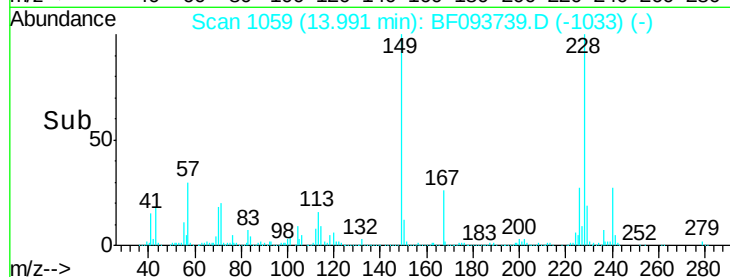
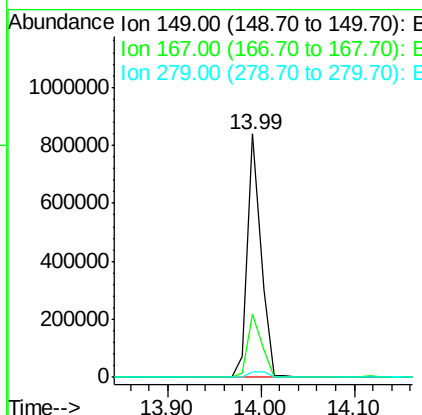
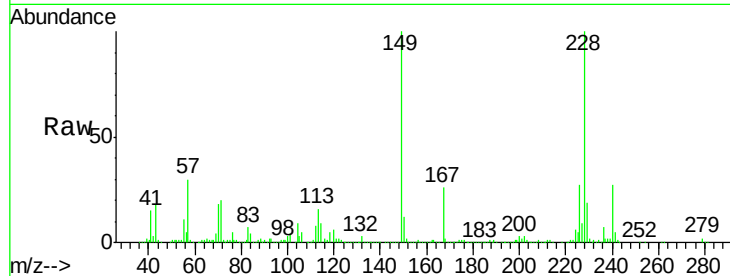
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.55 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	2.5	1.9	2.9

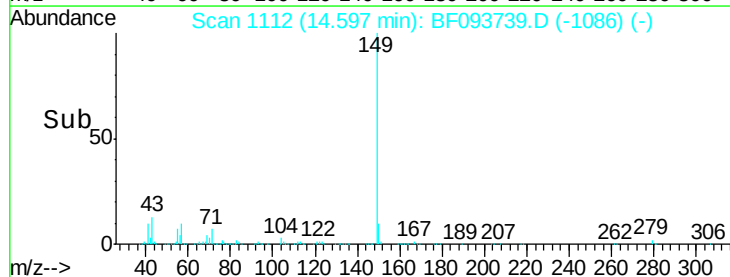
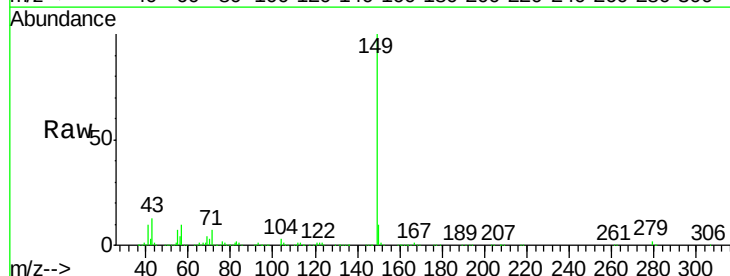
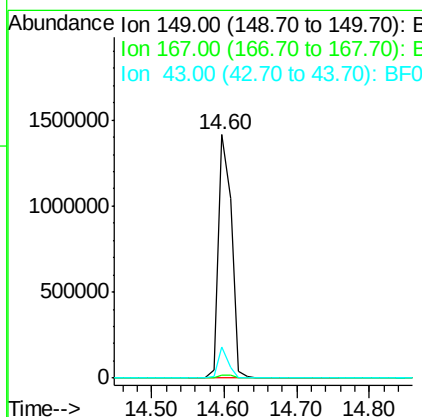
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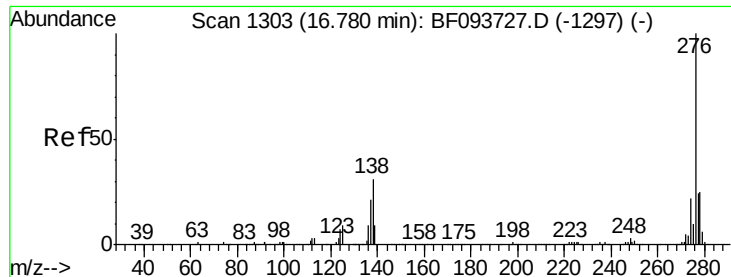
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#84
 Di-n-octyl phthalate
 Concen: 58.53 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.5	12.7





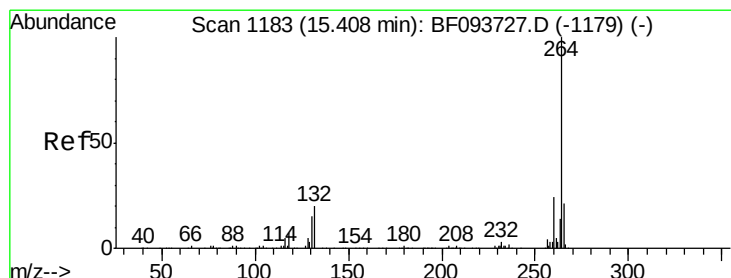
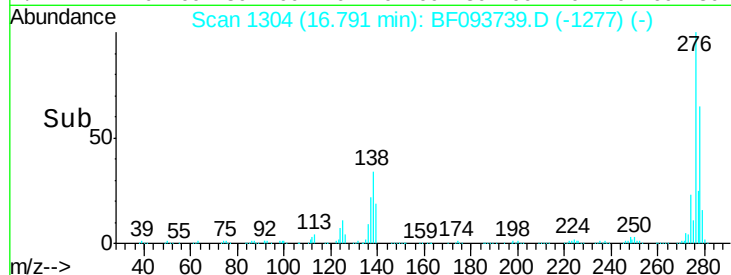
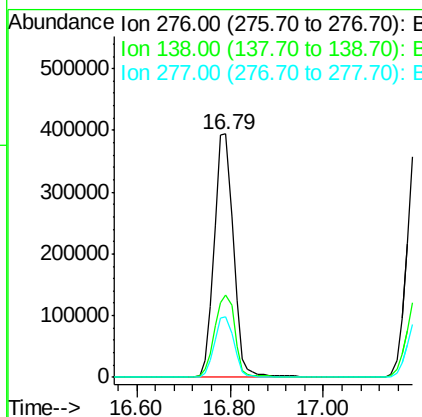
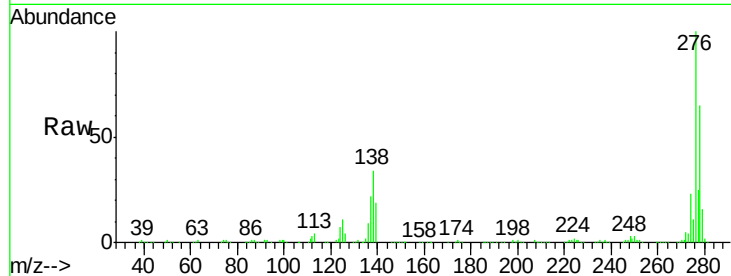
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.36 ng
 RT: 16.79 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97641BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.7	27.8	41.6
277	25.0	20.2	30.4

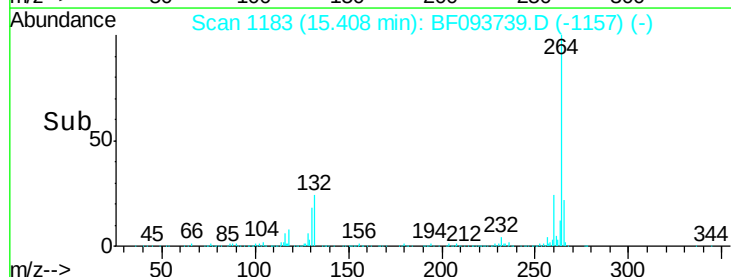
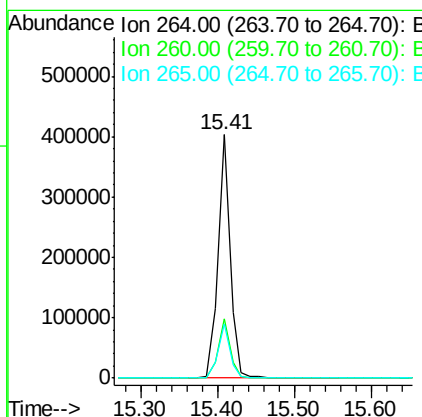
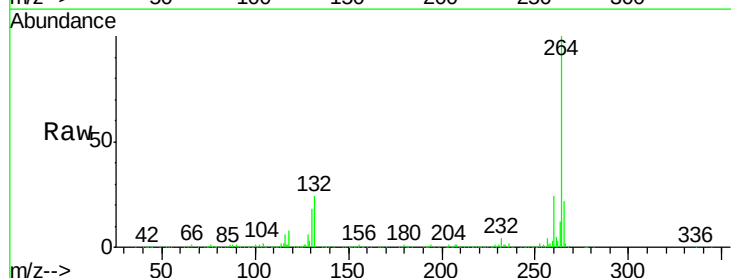
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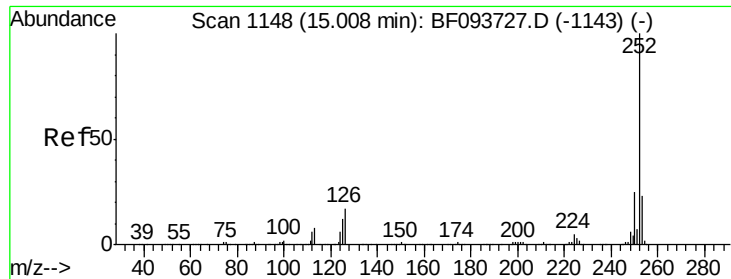
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093739.D
 Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.0	17.2	25.8





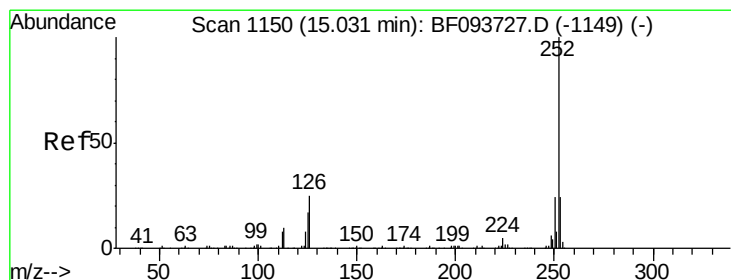
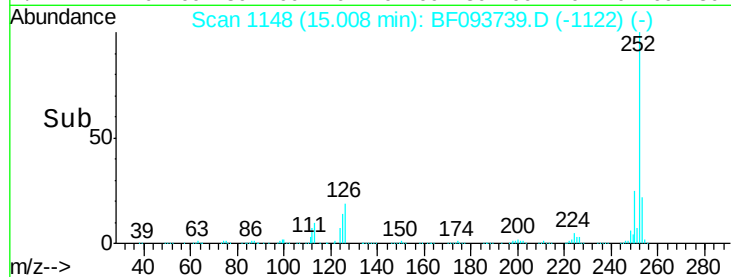
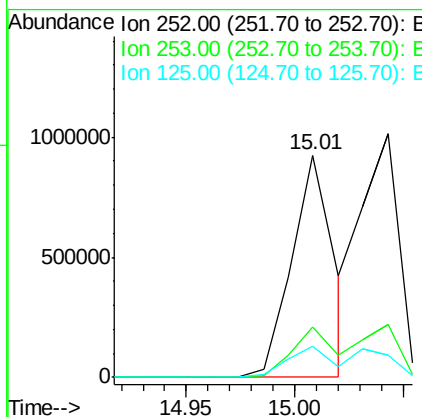
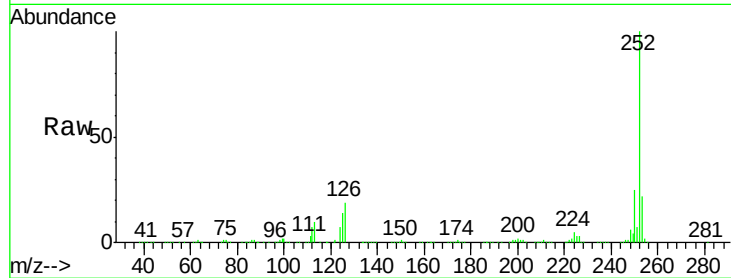
#87
Benzo(b)fluoranthene
Concen: 43.51 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	14.0	9.8	14.8

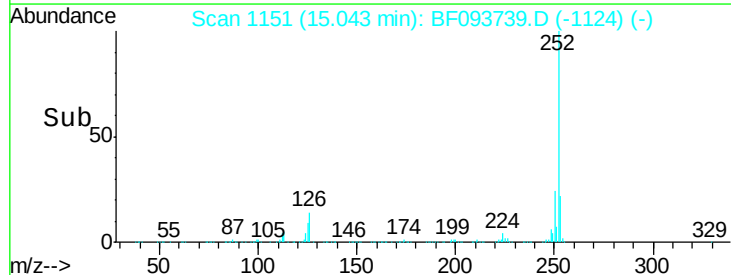
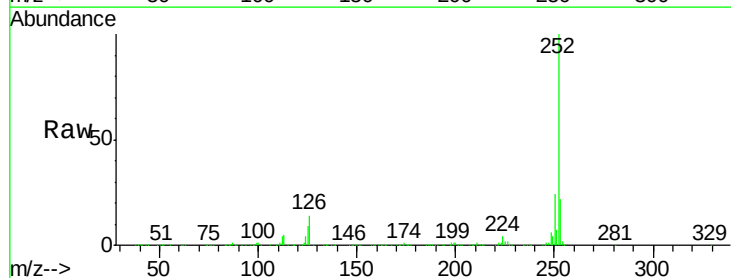
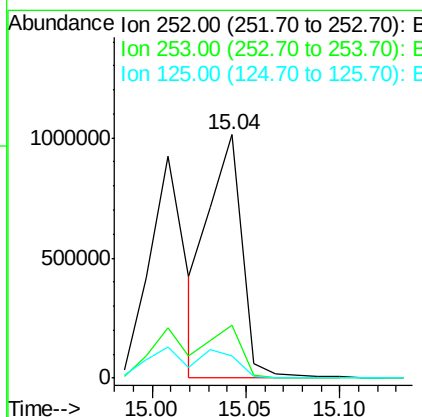
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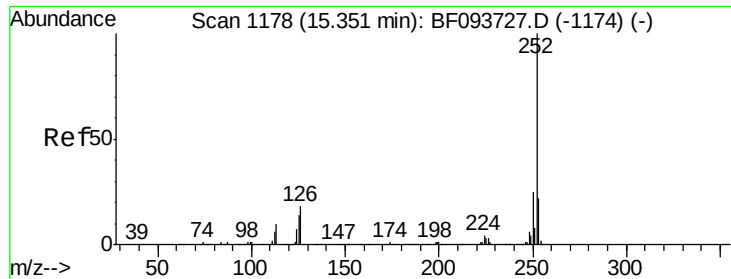
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#88
Benzo(k)fluoranthene
Concen: 49.77 ng m
RT: 15.04 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	9.2	13.1	19.7#





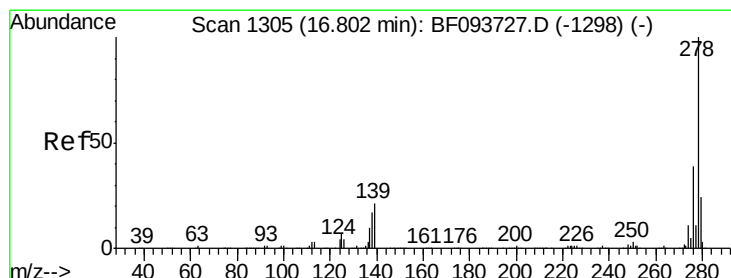
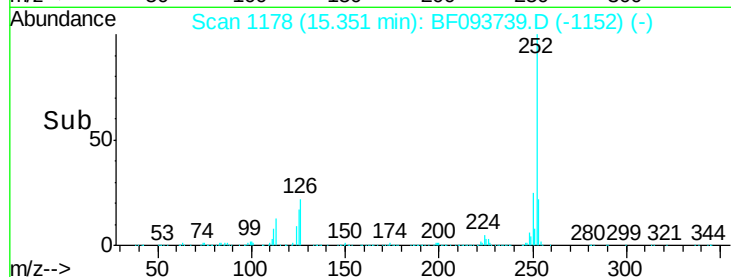
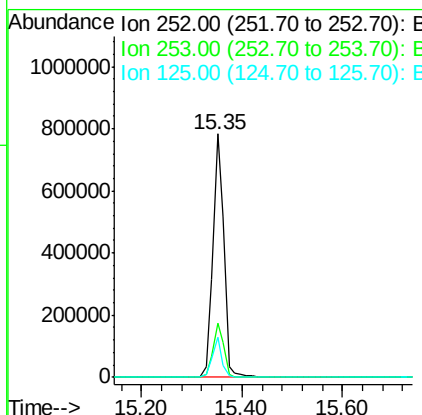
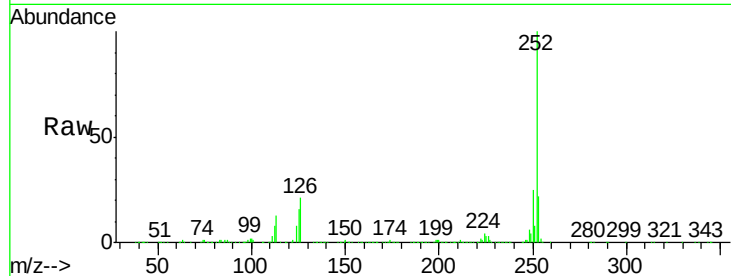
#89
Benzo(a)pyrene
Concen: 47.16 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Instrument :
BNA_F
ClientSampled :
PB97641BS

Tgt Ion: 252 Resp: 1183519
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 16.4 11.0 16.4

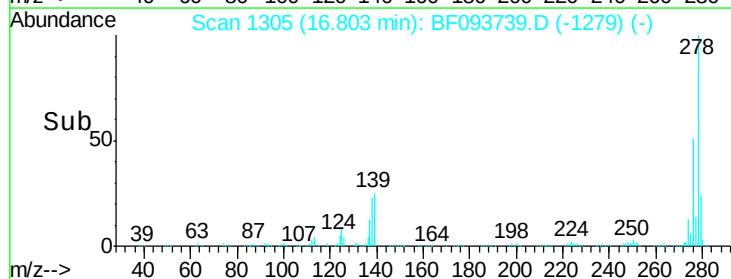
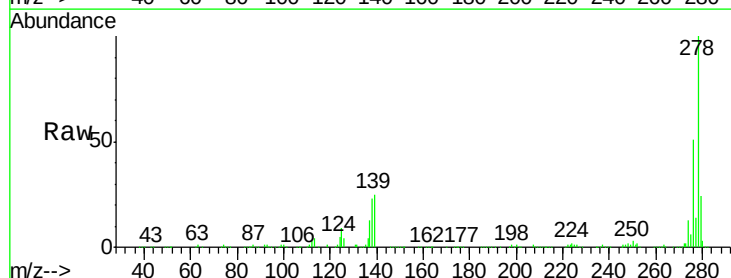
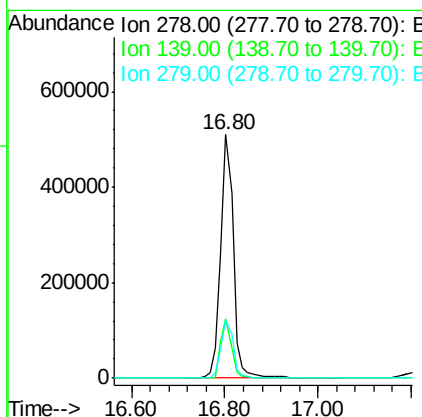
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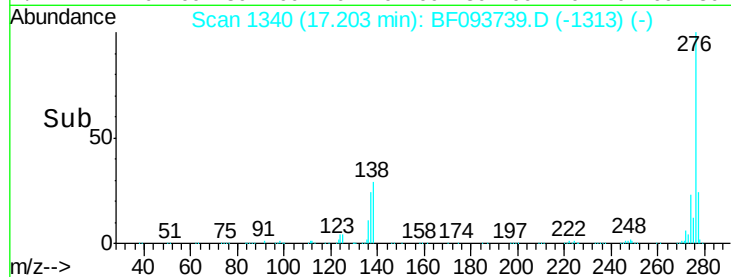
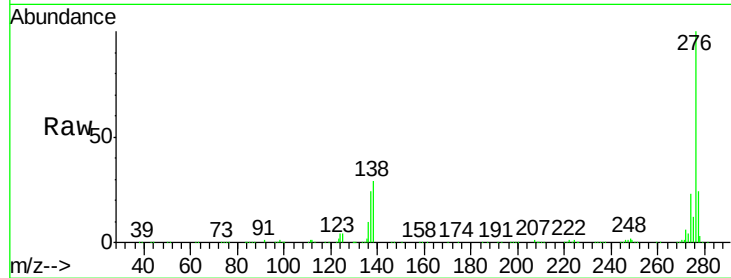
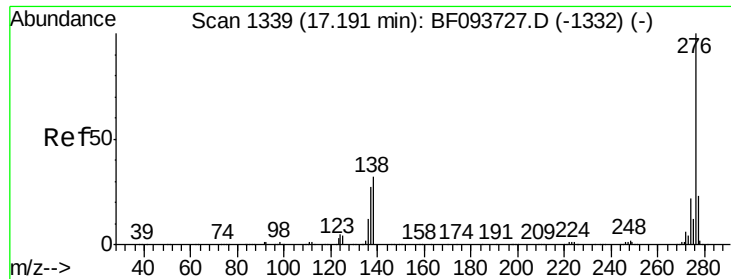
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#90
Dibenzo(a,h)anthracene
Concen: 44.78 ng
RT: 16.80 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF093739.D
Acq: 18 Mar 2017 8:32

Tgt Ion: 278 Resp: 950728
Ion Ratio Lower Upper
278 100
139 24.6 16.6 24.8
279 23.9 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 43.06 ng

RT: 17.20 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF093739.D

Acq: 18 Mar 2017 8:32

Tgt Ion:	276	Resp:	929687
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.6	28.0
138	28.6	25.4	38.0

Instrument :

BNA_F

ClientSampleId :

PB97641BS

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