

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094034.D
 Acq On : 29 Mar 2017 22:29
 Operator : SJ/MA
 Sample : I2431-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:32:55 PM

Quant Time: Mar 30 04:14:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	160240	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	646894	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	287922	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	498221	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	330745	20.00	ng	-0.04
86) Perylene-d12	16.27	264	274187	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	4.46	112	1175049	123.86	ng	-0.02
7) Phenol-d6	5.53	99	1575223	134.21	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1075170	94.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	285198	125.35	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	1835745	97.25	ng	-0.03
78) Terphenyl-d14	13.37	244	1338446	90.71	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	182219	39.98	ng	99
3) Pyridine	2.80	79	492281	39.63	ng	98
4) n-Nitrosodimethylamine	2.77	42	250610	49.03	ng	92
6) Aniline	5.55	93	236963	14.51	ng	# 1
8) 2-Chlorophenol	5.69	128	510977	49.00	ng	97
9) Benzaldehyde	5.41	77	142434	17.97	ng	100
10) Phenol	5.55	94	616903	46.19	ng	98
11) bis(2-Chloroethyl)ether	5.63	93	508355	48.71	ng	100
12) 1,3-Dichlorobenzene	5.86	146	561067	47.97	ng	99
13) 1,4-Dichlorobenzene	5.94	146	573227	48.38	ng	96
14) 1,2-Dichlorobenzene	6.12	146	527018	48.30	ng	97
15) Benzyl Alcohol	6.09	79	441551	51.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.25	45	720530	44.80	ng	97
17) 2-Methylphenol	6.23	107	397813	44.54	ng	96
18) Hexachloroethane	6.51	117	202390	48.60	ng	# 85
19) n-Nitroso-di-n-propylamine	6.41	70	374790	49.69	ng	98
20) 3+4-Methylphenols	6.41	107	502924	46.50	ng	# 66
22) Acetophenone	6.40	105	788136	54.66	ng	# 89
24) Nitrobenzene	6.60	77	549374	49.14	ng	92
25) Isophorone	6.89	82	992581	49.83	ng	95
26) 2-Nitrophenol	6.97	139	306404	57.47	ng	96
27) 2,4-Dimethylphenol	7.03	122	396683	43.18	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	647546	49.30	ng	99
29) 2,4-Dichlorophenol	7.26	162	450958	52.50	ng	98
30) 1,2,4-Trichlorobenzene	7.36	180	445428	50.35	ng	98
31) Naphthalene	7.45	128	1533115	49.29	ng	99
32) Benzoic acid	7.16	122	89191	14.58	ng	95
33) 4-Chloroaniline	7.52	127	166663	13.22	ng	94
34) Hexachlorobutadiene	7.61	225	220189	48.54	ng	98
35) Caprolactam	7.97	113	158025m	57.69	ng	
36) 4-Chloro-3-methylphenol	8.14	107	475765	53.01	ng	90
37) 2-Methylnaphthalene	8.30	142	1049234	50.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	380247	48.28	ng	99
40) Hexachlorocyclopentadiene	8.49	237	304772	82.69	ng	99

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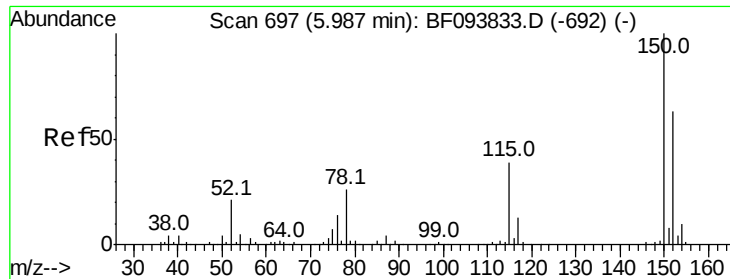
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	301258	54.06	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	302999	50.25	nq	94
45) 1,1'-Biphenyl	8.87	154	1145755	49.34	nq	97
46) 2-Chloronaphthalene	8.89	162	908015	49.95	nq	95
47) 2-Nitroaniline	9.02	65	280685	52.05	nq	88
48) Acenaphthylene	9.40	152	1445383	47.84	nq	99
49) Dimethylphthalate	9.26	163	1173494	57.34	nq	99
50) 2,6-Dinitrotoluene	9.33	165	246305	52.50	nq	94
51) Acenaphthene	9.61	154	847092	48.05	nq	99
52) 3-Nitroaniline	9.52	138	156769	28.46	nq	91
53) 2,4-Dinitrophenol	9.66	184	121936	50.40	nq	# 67
54) Dibenzofuran	9.83	168	1195776	49.83	nq	99
55) 4-Nitrophenol	9.76	139	400297	92.78	nq	# 66
56) 2,4-Dinitrotoluene	9.82	165	297671	50.51	nq	# 72
57) Fluorene	10.25	166	896740	45.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	225701	54.55	nq	97
59) Diethylphthalate	10.13	149	1040234	51.42	nq	100
60) 4-Chlorophenyl-phenylether	10.25	204	383122	45.19	nq	92
61) 4-Nitroaniline	10.29	138	246642	46.65	nq	96
62) Azobenzene	10.45	77	979736	51.20	nq	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	132681	43.48	nq	# 71
65) n-Nitrosodiphenylamine	10.40	169	840759	48.80	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	246787	50.36	nq	98
67) Hexachlorobenzene	10.92	284	248412	50.08	nq	# 87
68) Atrazine	11.07	200	263958	51.15	nq	96
69) Pentachlorophenol	11.17	266	258599	83.76	nq	98
70) Phenanthrene	11.43	178	1385668	50.00	nq	99
71) Anthracene	11.49	178	1348978	47.27	nq	99
72) Carbazole	11.69	167	1264373	43.21	nq	98
73) Di-n-butylphthalate	12.14	149	1532652	50.36	nq	99
74) Fluoranthene	12.89	202	1335013	47.04	nq	99
76) Benzidine	13.05	184	39666	3.03	nq	# 94
77) Pyrene	13.16	202	1372819	57.19	nq	99
79) Butylbenzylphthalate	13.98	149	621746	60.79	nq	# 87
80) Benzo(a)anthracene	14.63	228	971406	50.37	nq	100
81) 3,3'-Dichlorobenzidine	14.60	252	174251	25.28	nq	98
82) Chrysene	14.68	228	838494	46.85	nq	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	825605	59.17	nq	100
84) Di-n-octyl phthalate	15.45	149	1321140	56.68	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	716885	46.25	nq	99
87) Benzo(b)fluoranthene	15.87	252	769184	45.77	nq	99
88) Benzo(k)fluoranthene	15.90	252	725058	44.09	nq	96
89) Benzo(a)pyrene	16.22	252	711761	45.99	nq	99
90) Dibenzo(a,h)anthracene	17.66	278	600126	45.79	nq	97
91) Benzo(g,h,i)perylene	18.04	276	586544	44.40	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.92 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF094034.D

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Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMSD

Tot Ion:152 Resp: 160240

Ion Ratio Lower Upper

152 100

150 154.7 126.2 189.2

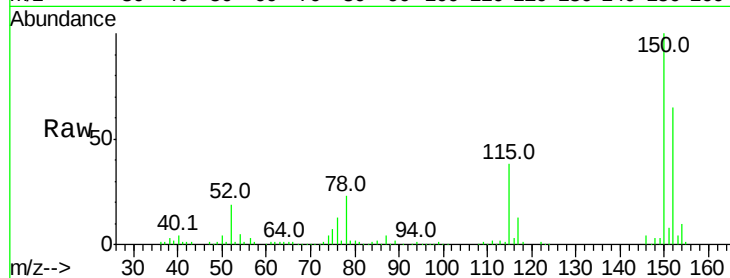
115 58.2 52.2 78.2

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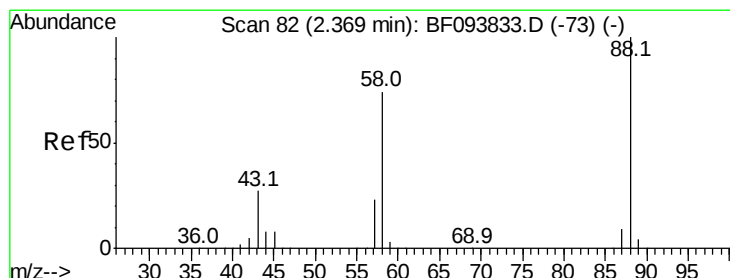
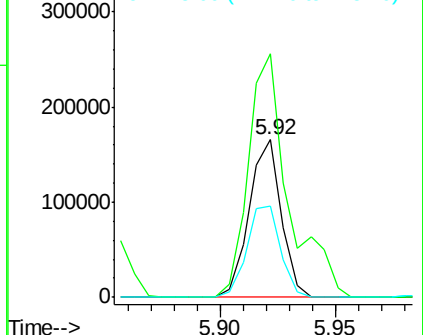
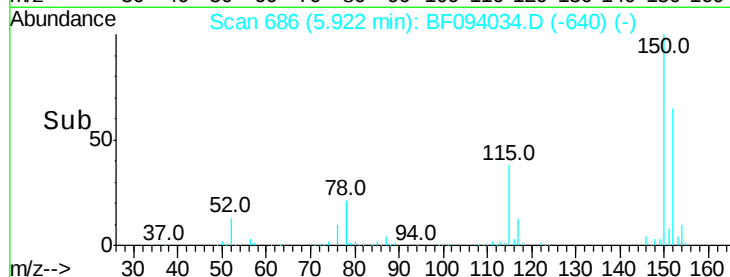
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.98 ng

RT: 2.32 min Scan# 74

Delta R.T. -0.00 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

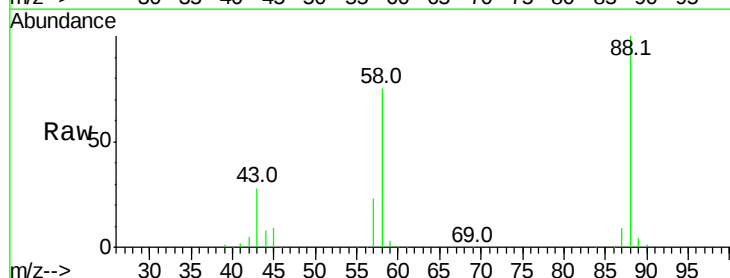
Tgt Ion: 88 Resp: 182219

Ion Ratio Lower Upper

88 100

58 75.9 61.4 92.0

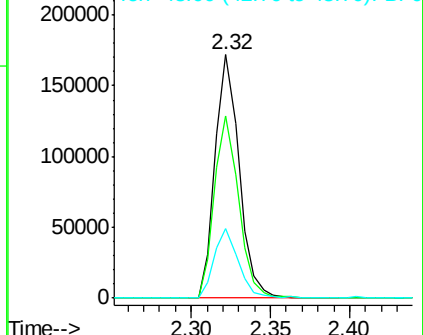
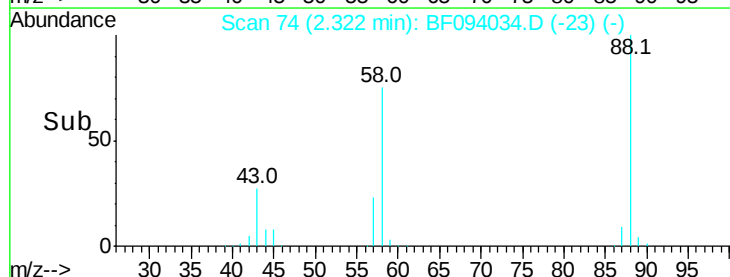
43 28.5 23.4 35.0

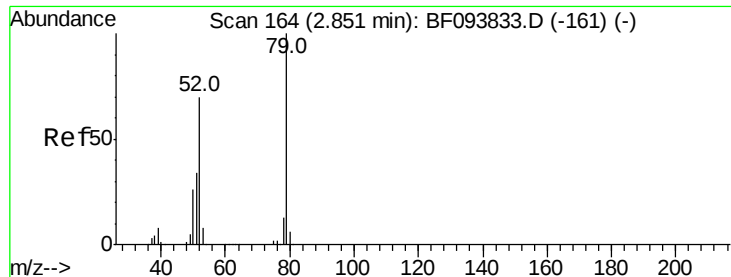


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.63 ng

RT: 2.80 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

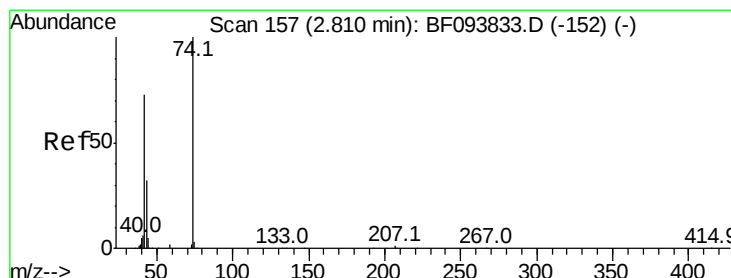
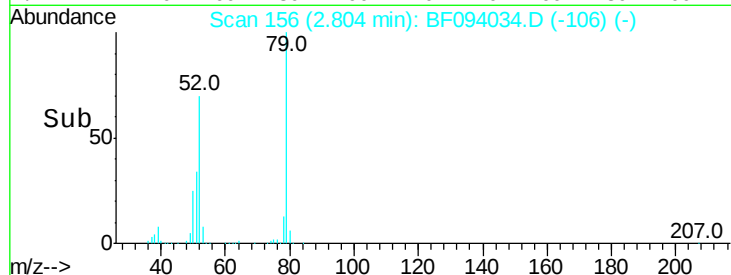
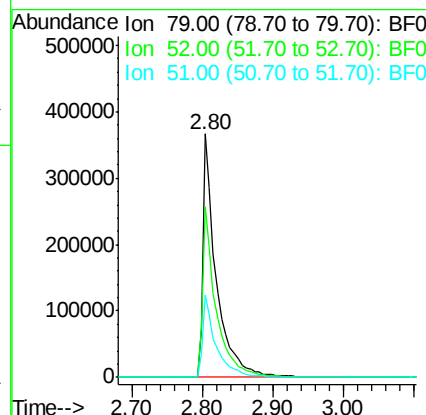
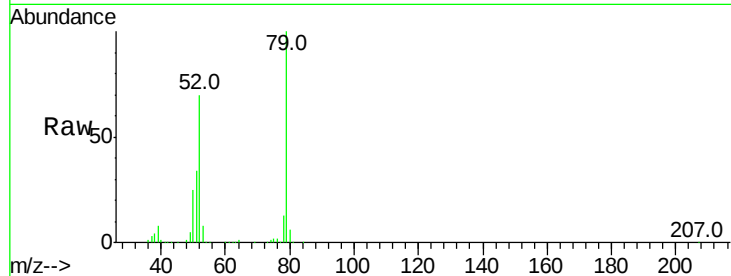
ClientSampleId :

E2-T11-BAEMSD

Tot Ion:	79	Resp:	492281
Ion Ratio	Lower	Upper	
79	100		
52	70.2	54.8	82.2
51	33.9	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 49.03 ng

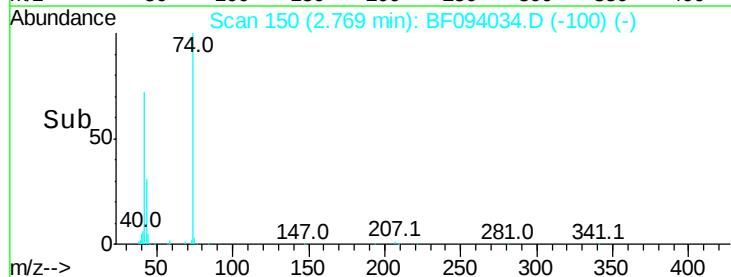
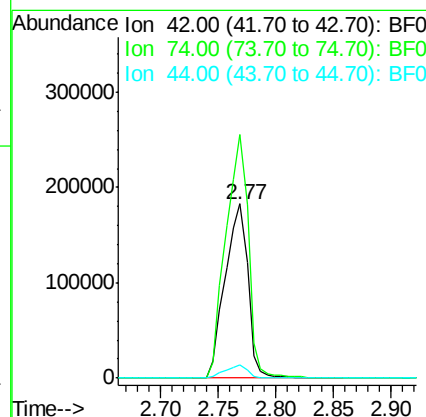
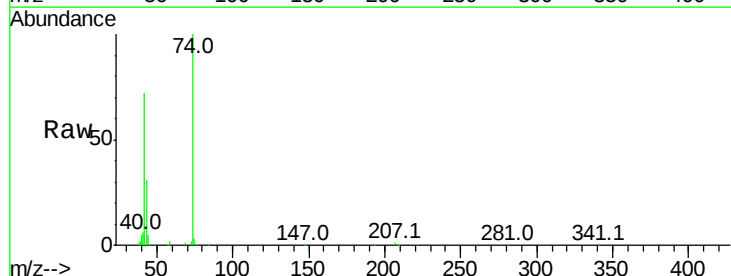
RT: 2.77 min Scan# 150

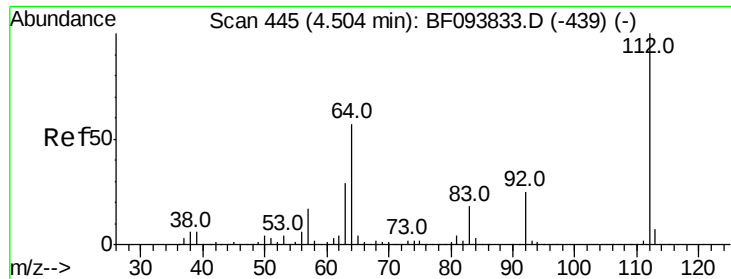
Delta R.T. -0.01 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Tgt Ion:	42	Resp:	250610
Ion Ratio	Lower	Upper	
42	100		
74	139.6	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 123.86 ng

RT: 4.46 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

Tot Ion:112 Resp: 1175049

Ion Ratio Lower Upper

112 100

64 58.6 46.0 69.0

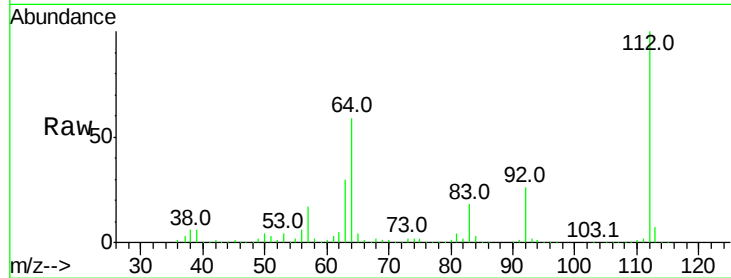
63 30.3 23.4 35.0

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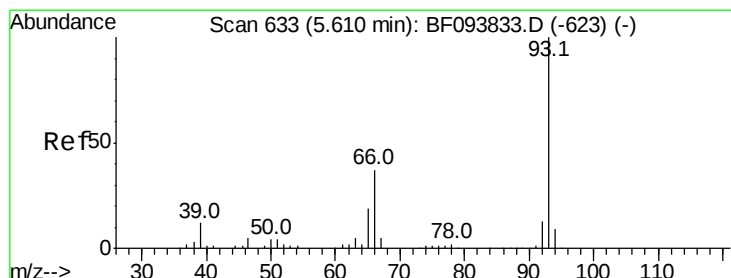
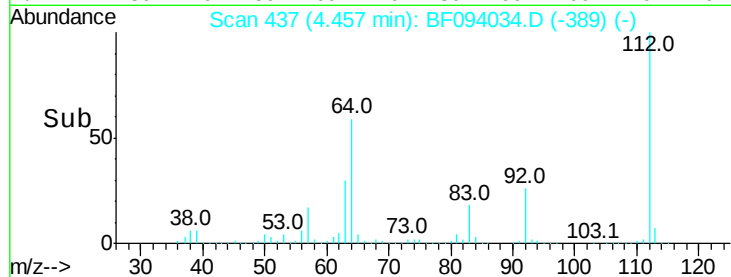
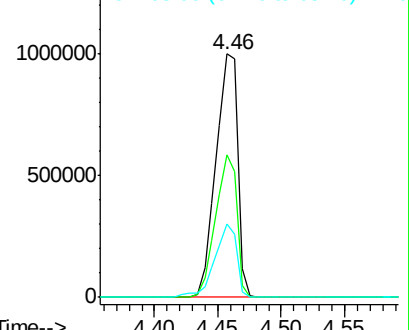
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.51 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

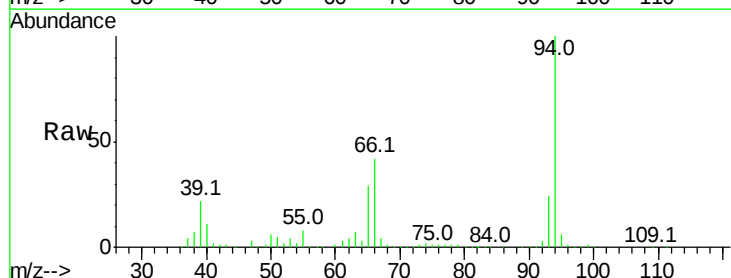
Tgt Ion: 93 Resp: 236963

Ion Ratio Lower Upper

93 100

66 173.7 32.9 49.3#

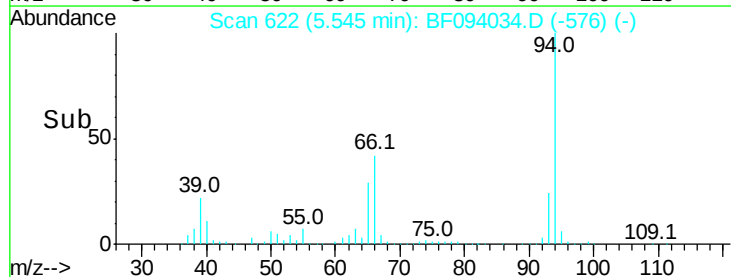
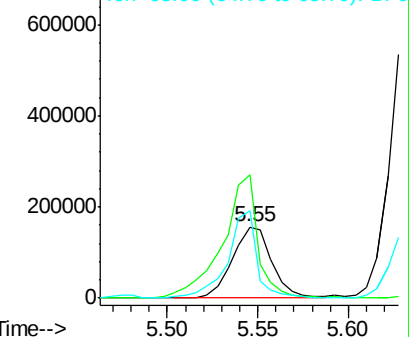
65 122.3 16.0 24.0#

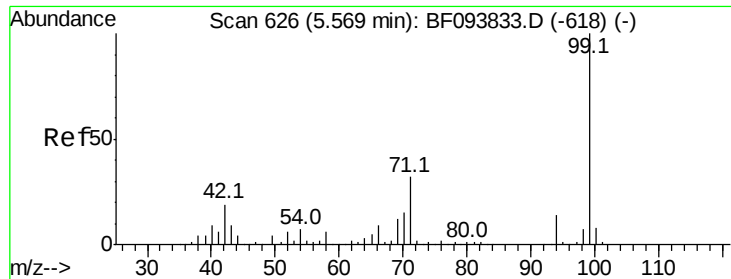


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.21 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

Tot Ion: 99 Resp: 1575223

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

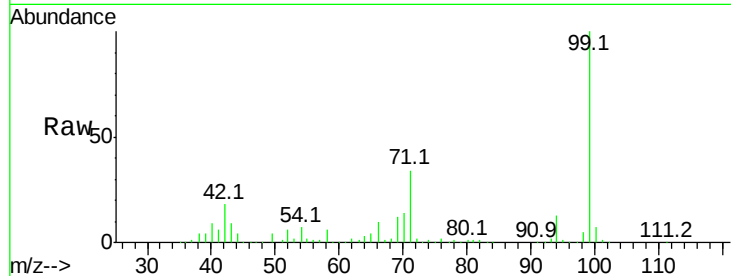
71 33.5 24.5 36.7

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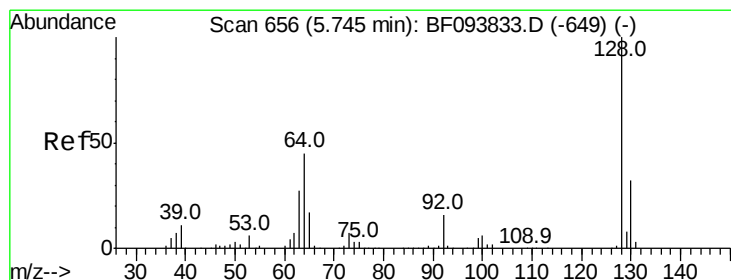
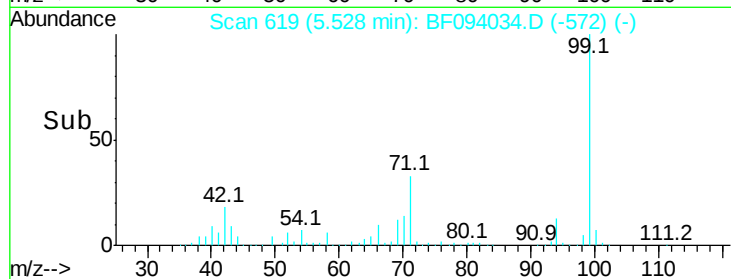
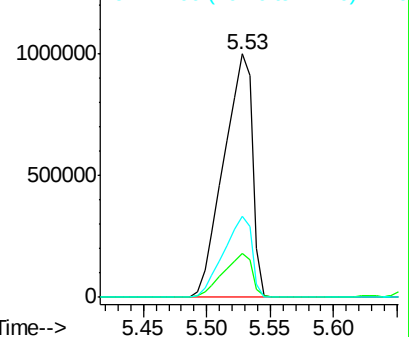
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.00 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

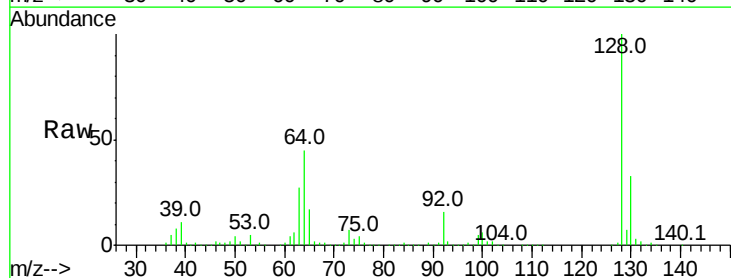
Tgt Ion:128 Resp: 510977

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

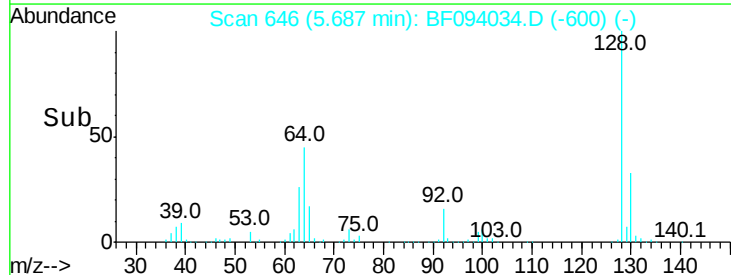
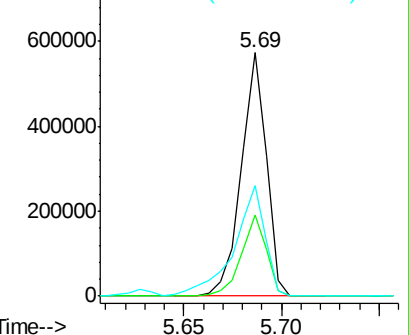
64 45.5 28.4 68.4

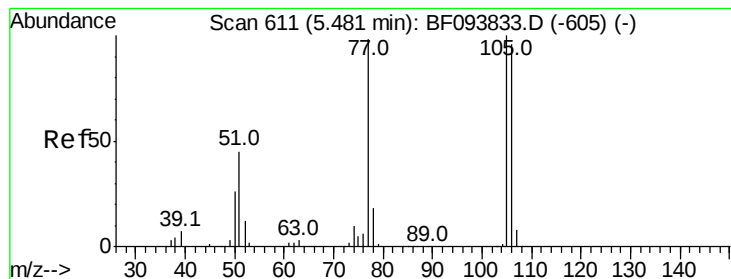


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.97 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

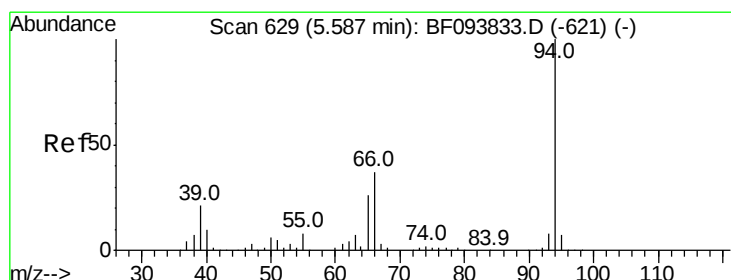
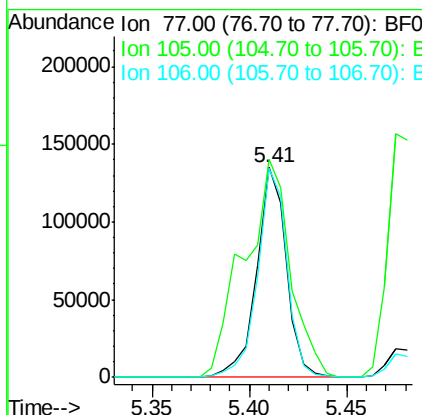
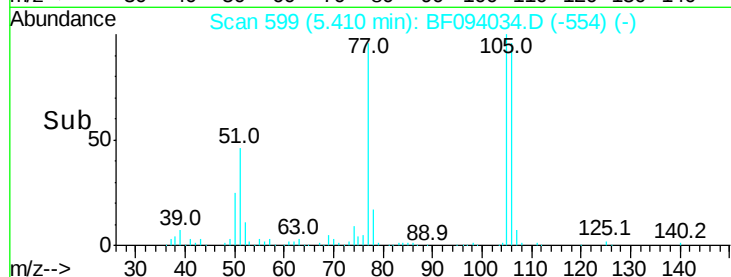
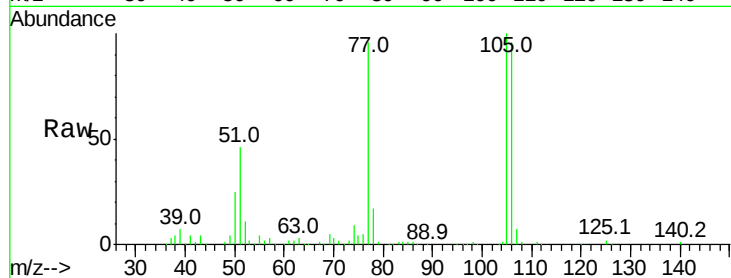
ClientSampleId :

E2-T11-BAEMSD

Tot Ion:	77	Resp:	142434
Ion	Ratio	Lower	Upper
77	100		
105	103.8	83.8	123.8
106	99.3	79.1	119.1

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#10

Phenol

Concen: 46.19 ng

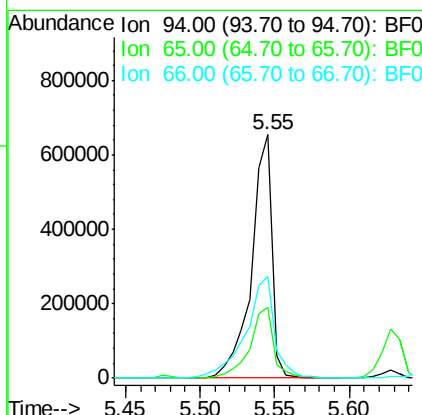
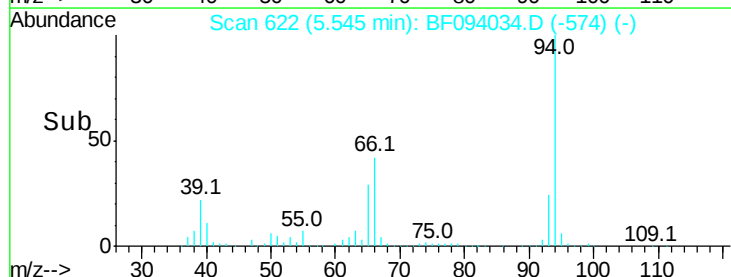
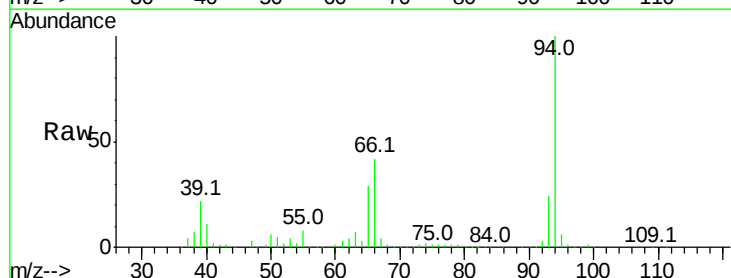
RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Tgt Ion:	94	Resp:	616903
Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.9	49.9
66	41.5	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 48.71 ng

RT: 5.63 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

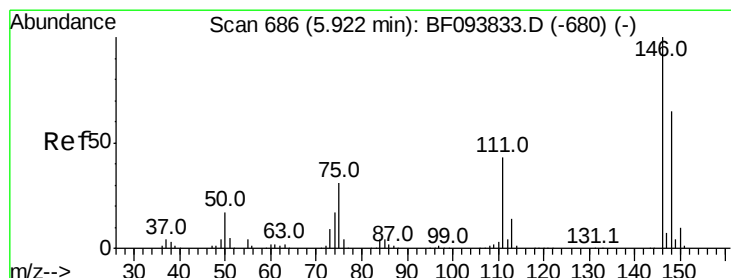
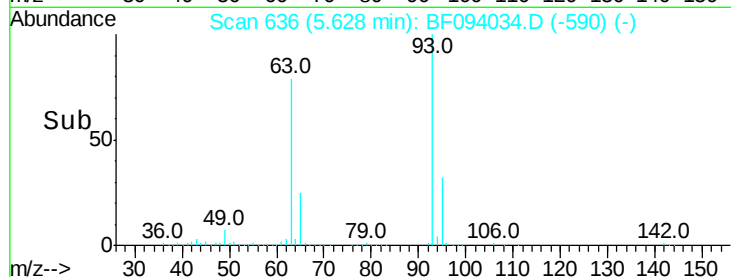
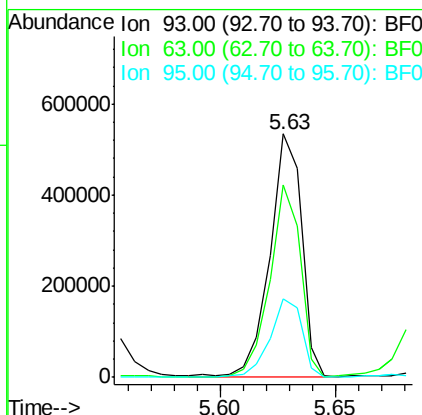
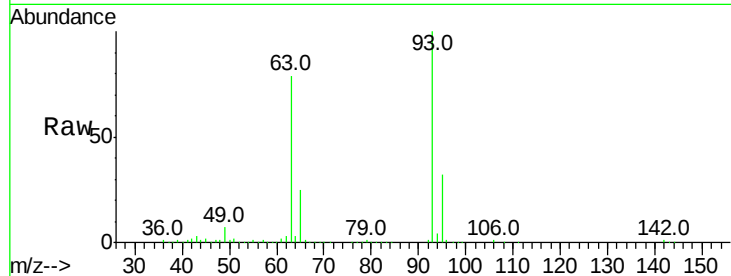
ClientSampleId :

E2-T11-BAEMSD

Tot Ion:	93	Resp:	508355
Ion Ratio	Lower	Upper	
93	100		
63	79.1	59.2	99.2
95	32.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 47.97 ng

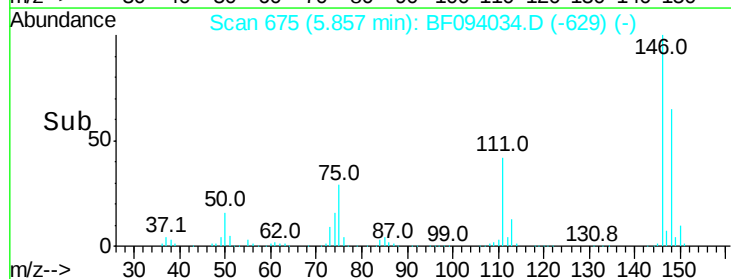
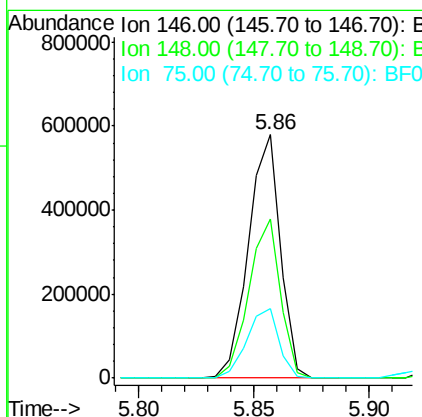
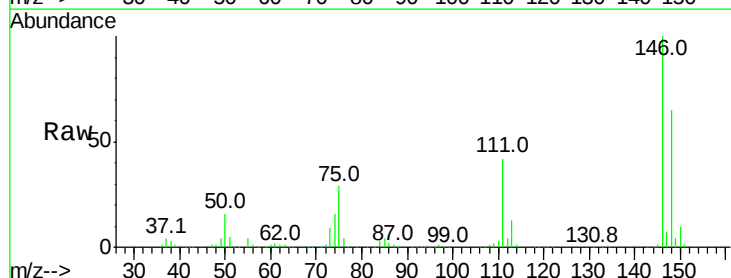
RT: 5.86 min Scan# 675

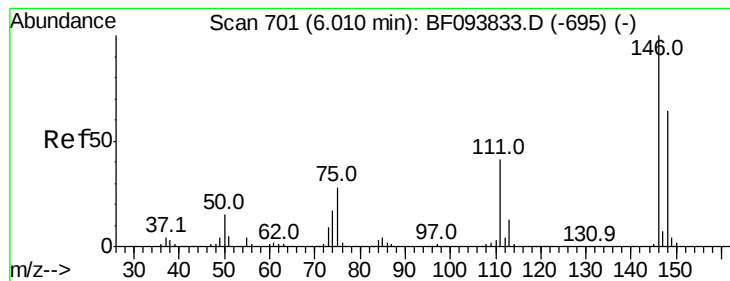
Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Tgt Ion:	146	Resp:	561067
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.6
75	28.8	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 48.38 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

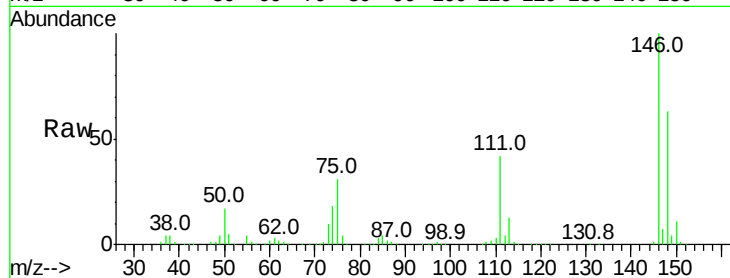
ClientSampleId :

E2-T11-BAEMSD

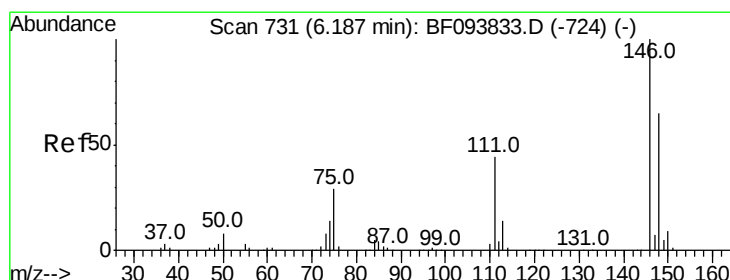
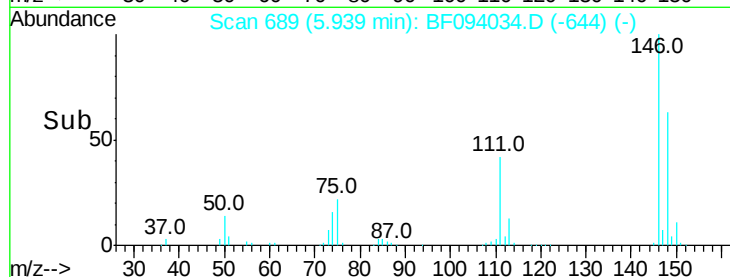
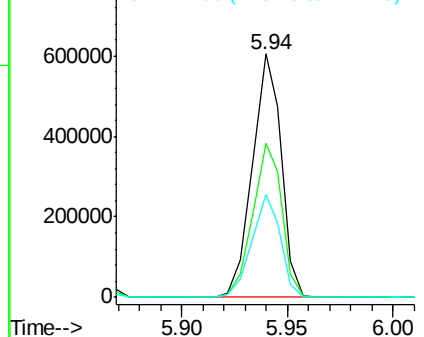
Tot Ion:	146	Resp:	573227
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.2
111	42.4	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.30 ng

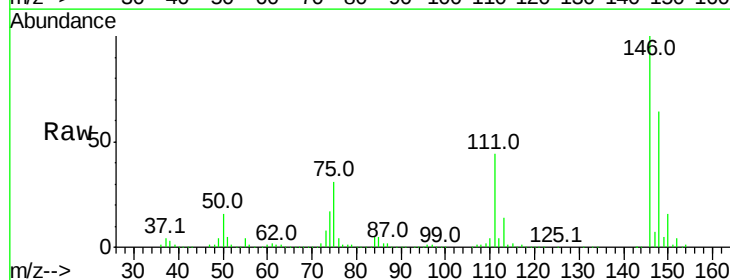
RT: 6.12 min Scan# 719

Delta R.T. -0.04 min

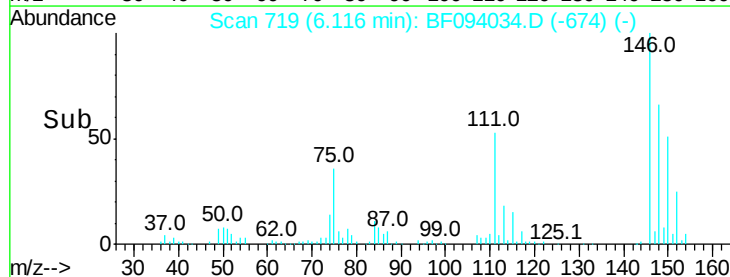
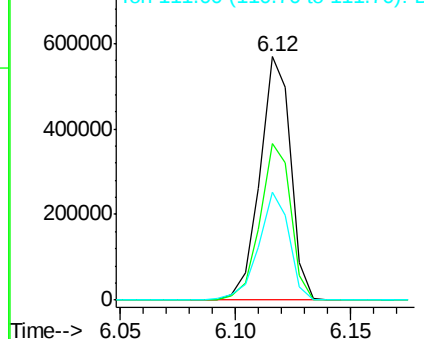
Lab File: BF094034.D

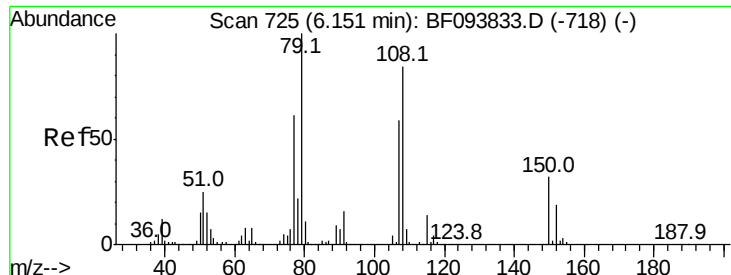
Acq: 29 Mar 2017 22:29

Tgt Ion:	146	Resp:	527018
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.4	75.6
111	44.3	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





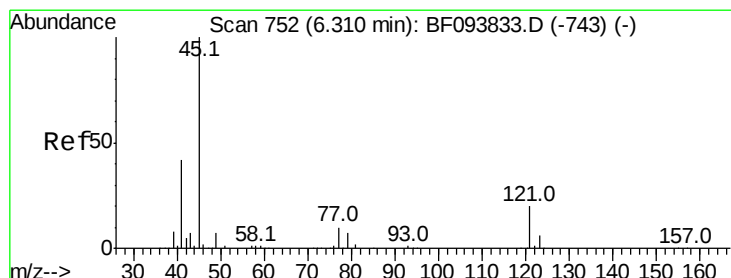
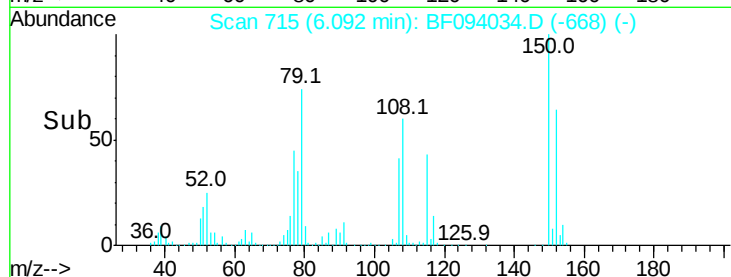
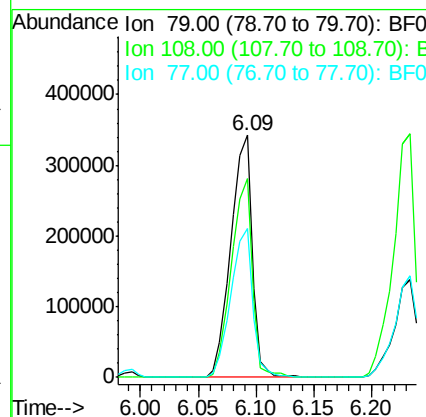
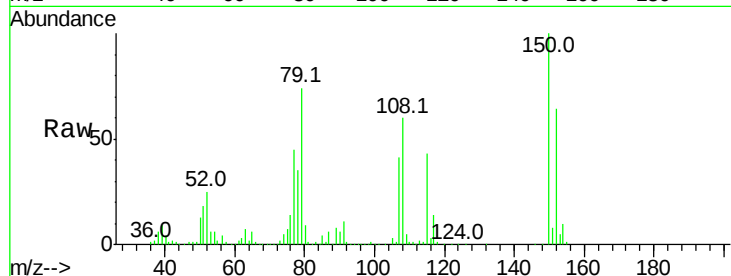
#15
Benzyl Alcohol
Concen: 51.40 ng
RT: 6.09 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	63.4	95.0
77	61.7	49.2	73.8

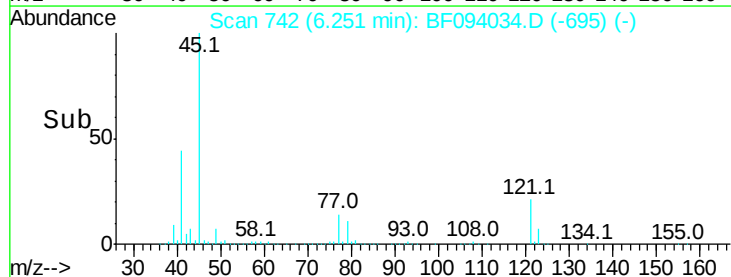
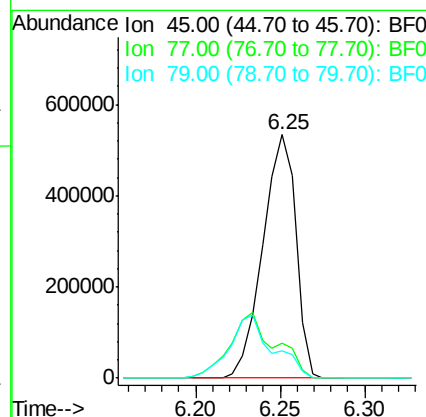
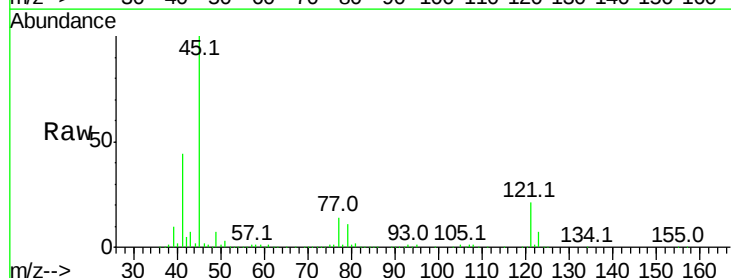
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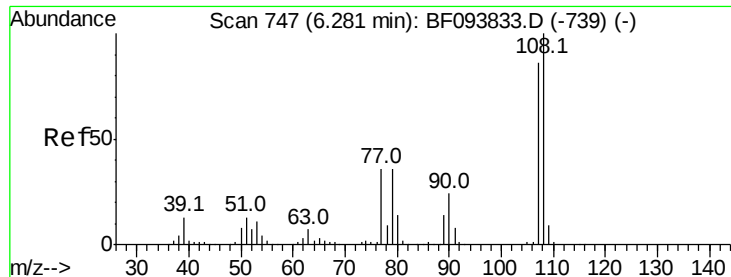
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.80 ng
RT: 6.25 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.2
79	11.5	0.0	30.0





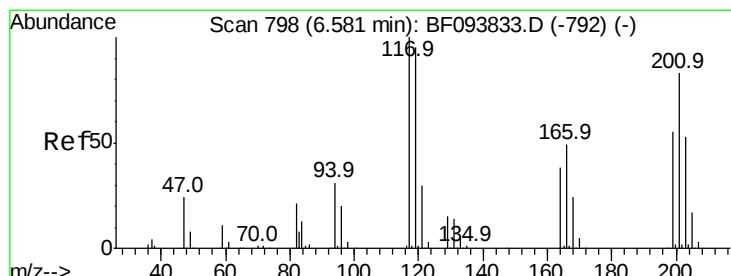
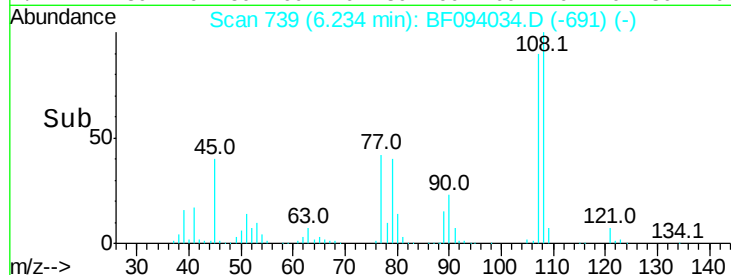
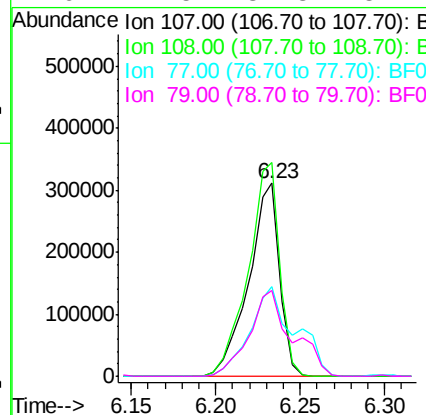
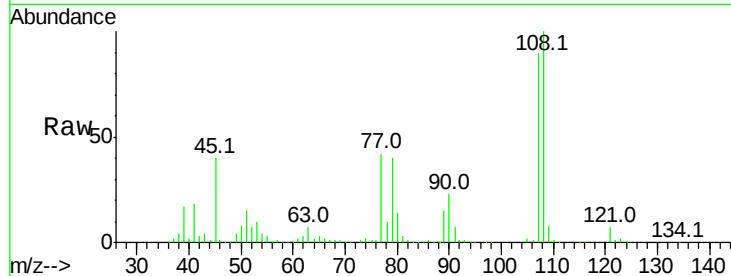
#17
2-Methylphenol
Concen: 44.54 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	93.4	140.0	
77	46.4	35.8	53.6	
79	44.5	34.8	52.2	

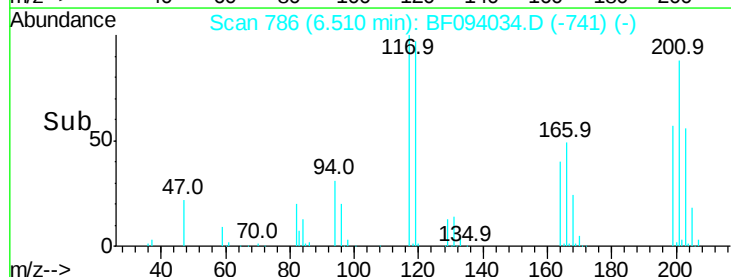
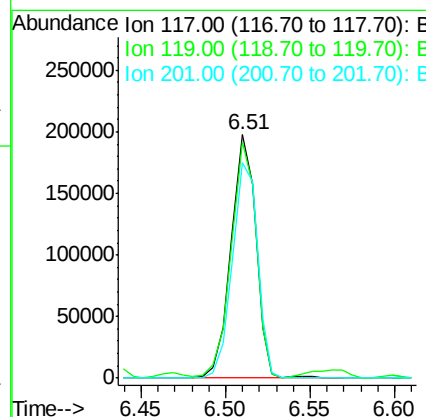
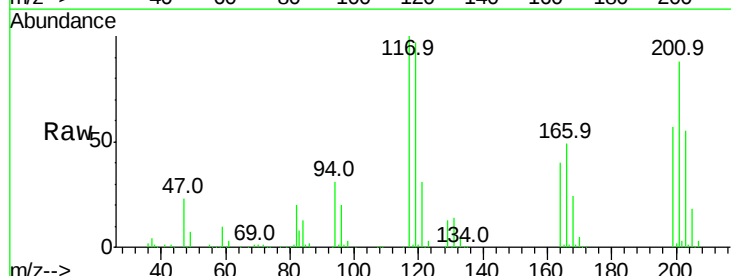
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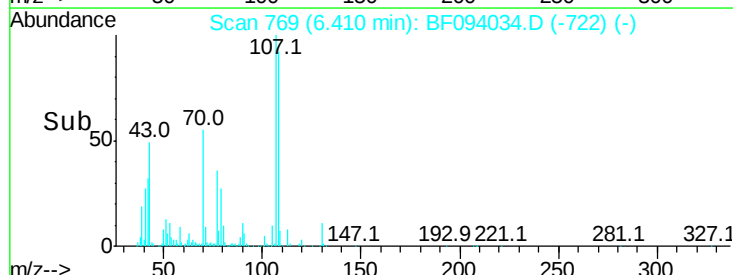
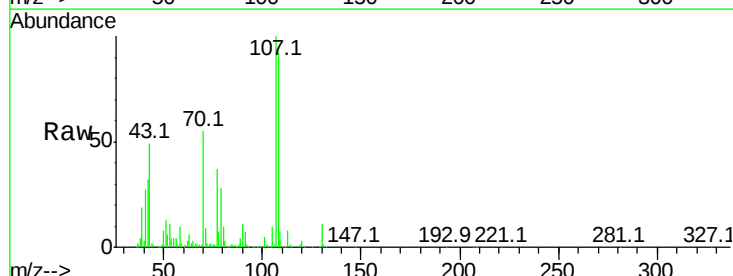
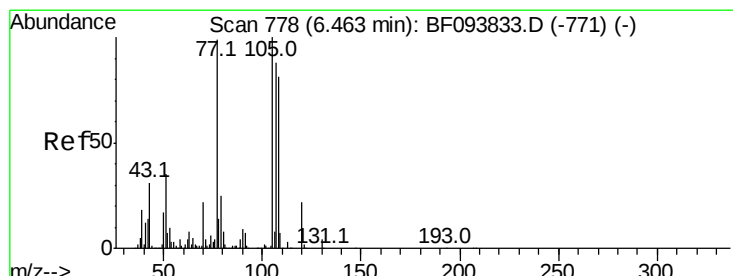
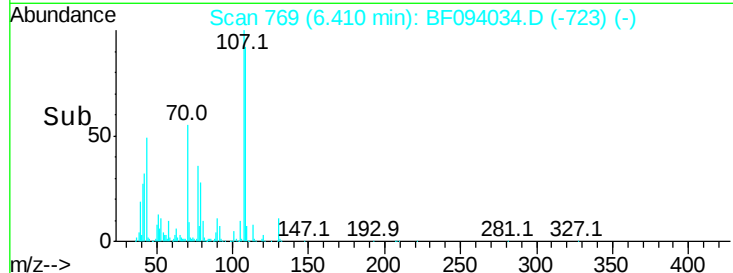
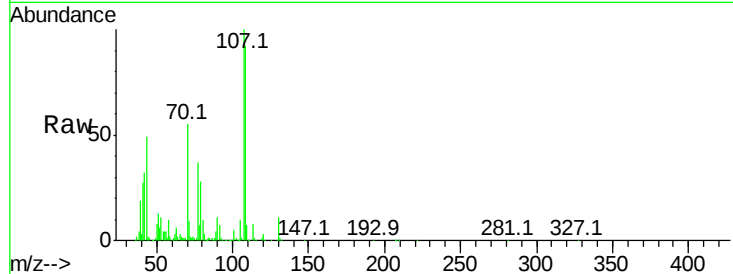
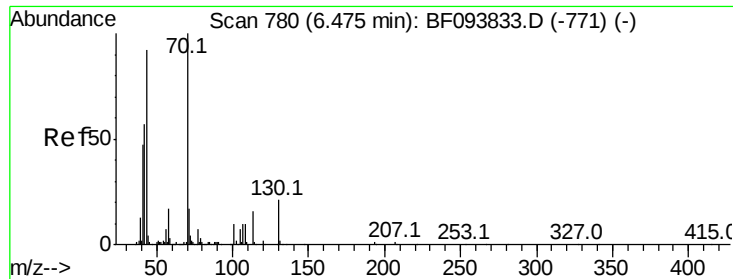
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#18
Hexachloroethane
Concen: 48.60 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	77.4	116.0	
201	88.3	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 49.69 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF094034.D

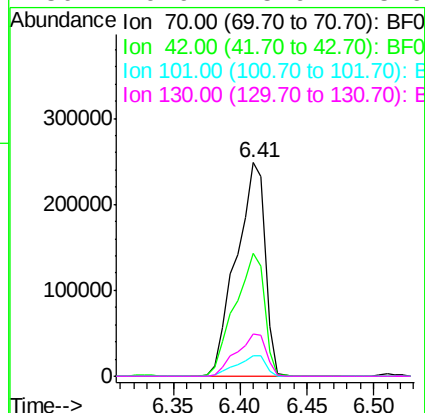
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.4	47.2	70.8	
101	9.7	7.2	10.8	
130	19.9	15.9	23.9	

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#20

3+4-Methylphenols

Concen: 46.50 ng

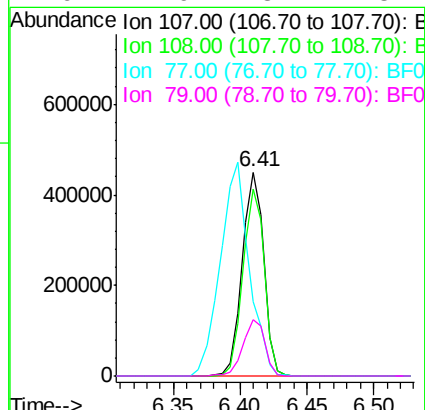
RT: 6.41 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	71.0	111.0	
77	36.5	90.5	130.5#	
79	27.9	8.4	48.4	





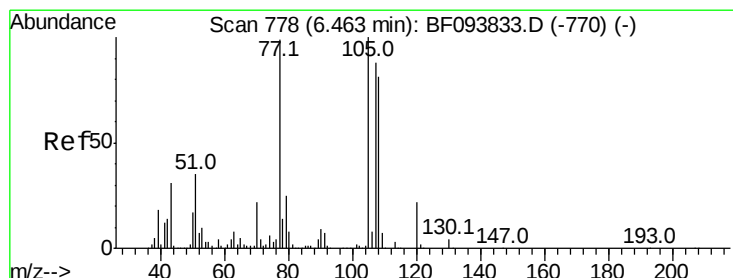
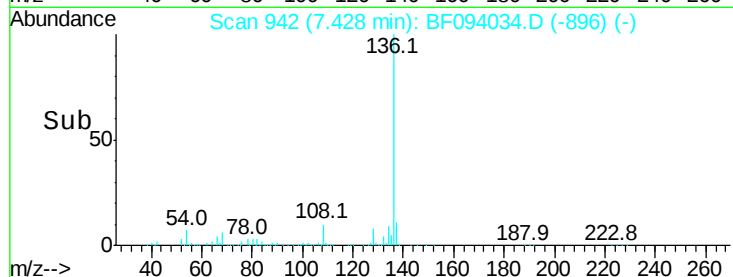
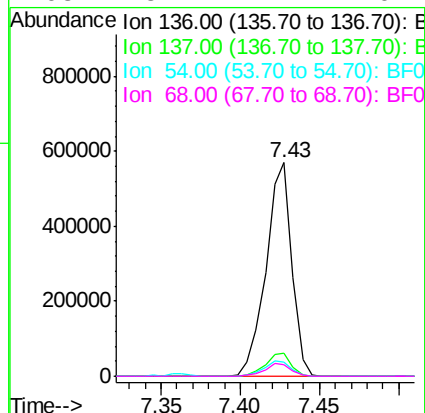
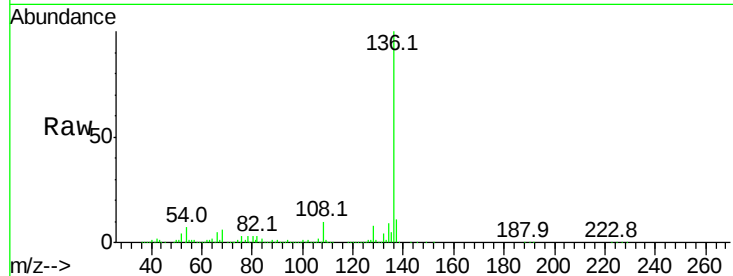
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	646894		
137	10.6		8.5	12.7
54	6.9		4.9	7.3
68	5.7		4.1	6.1

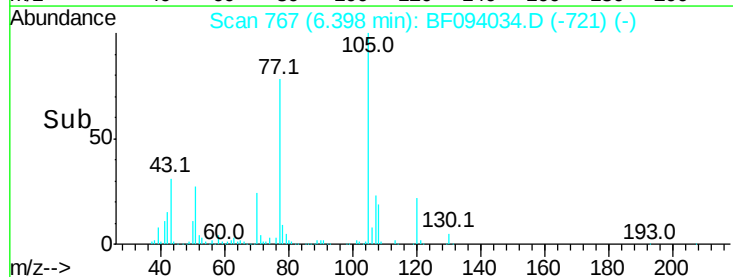
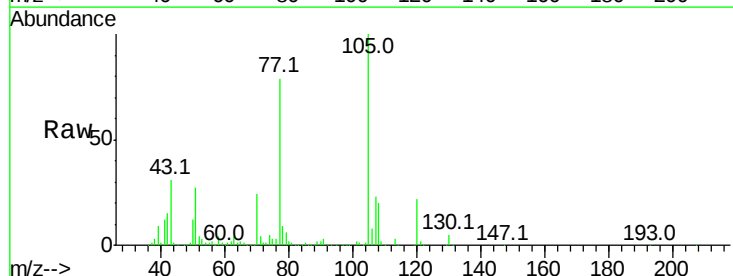
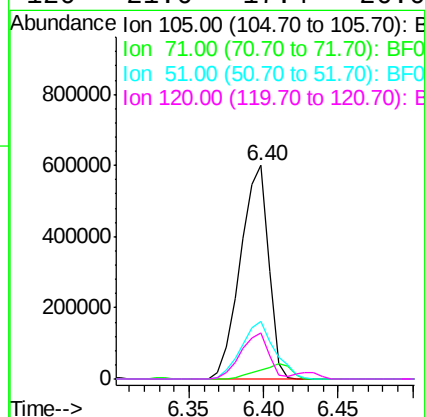
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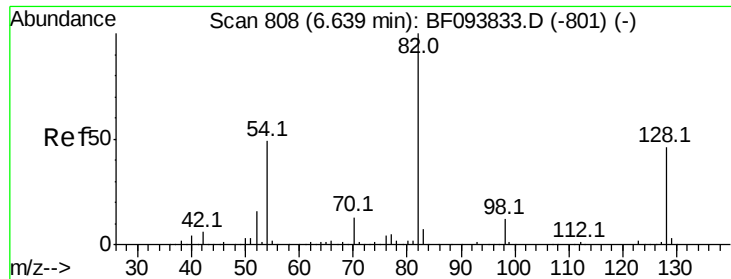
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#22
Acetophenone
Concen: 54.66 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	788136		
71	4.0		2.8	4.2
51	27.2		30.7	46.1#
120	21.6		17.4	26.0





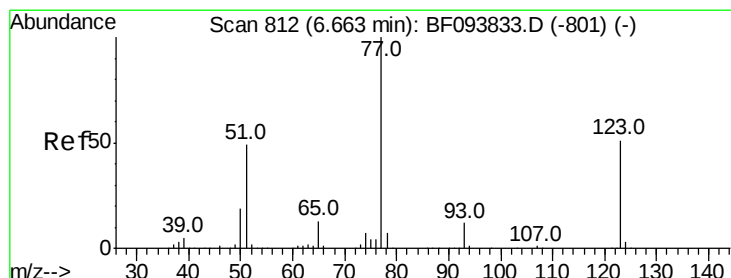
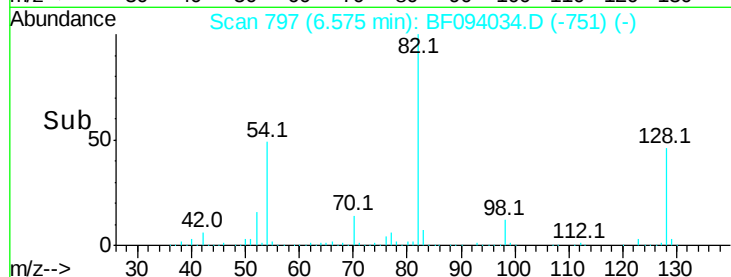
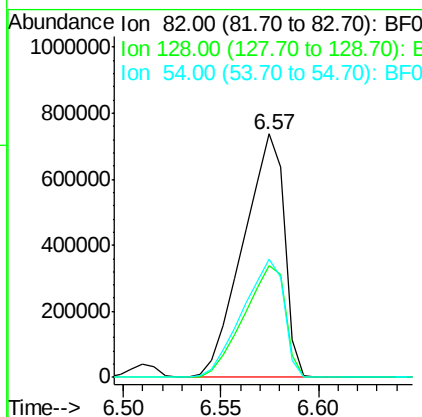
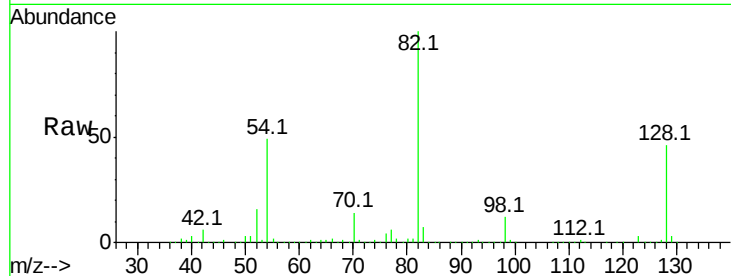
#23
Nitrobenzene-d5
Concen: 94.85 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion: 82 Resp: 1075170
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 48.7 42.2 63.2

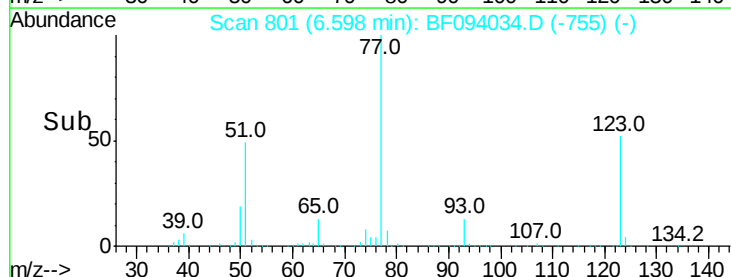
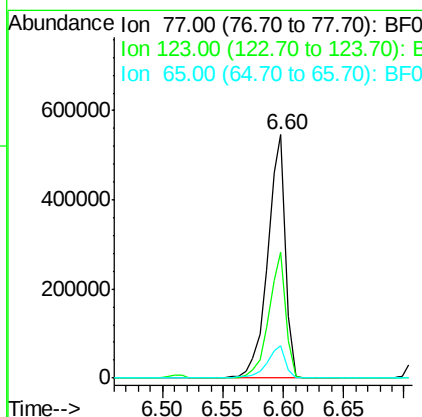
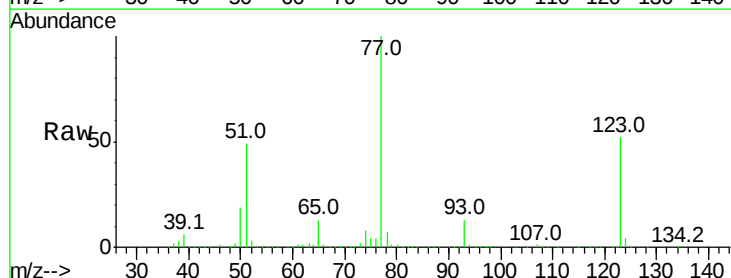
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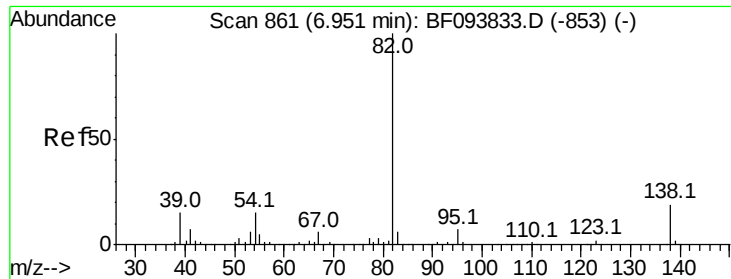
mohammad
3/30/2017 2:32:55 PM



#24
Nitrobenzene
Concen: 49.14 ng
RT: 6.60 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion: 77 Resp: 549374
Ion Ratio Lower Upper
77 100
123 51.9 35.8 53.8
65 13.1 10.6 15.8





#25

Isophorone

Concen: 49.83 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

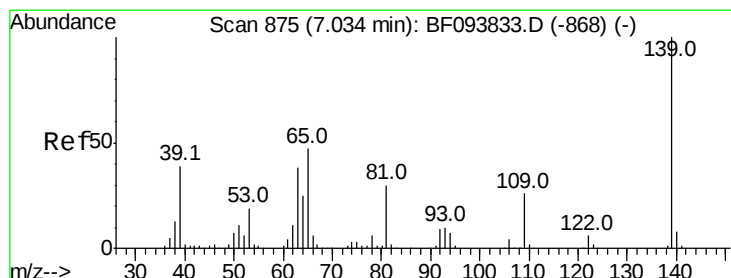
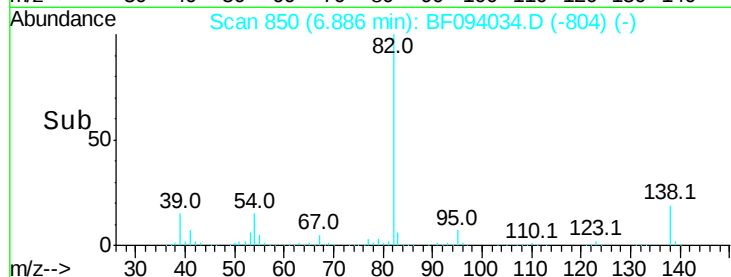
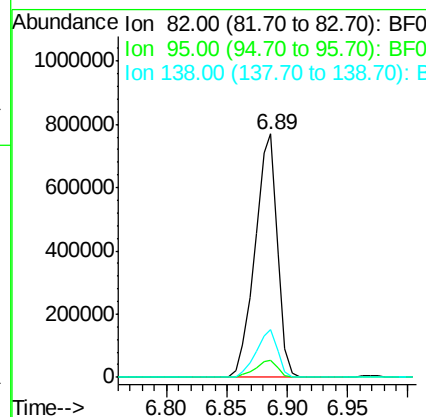
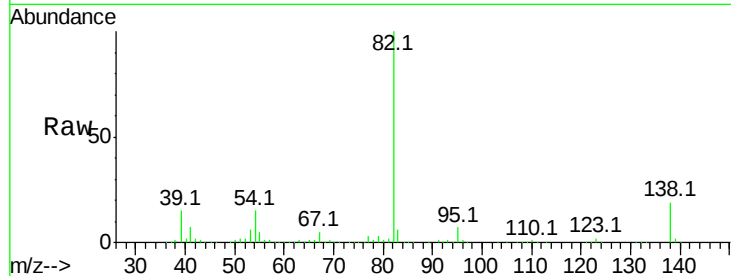
ClientSampleId :

E2-T11-BAEMSD

Tot Ion:	82	Resp:	992581
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	19.4	13.1	19.7

Manual Integrations
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3/30/2017 2:32:55 PM



#26

2-Nitrophenol

Concen: 57.47 ng

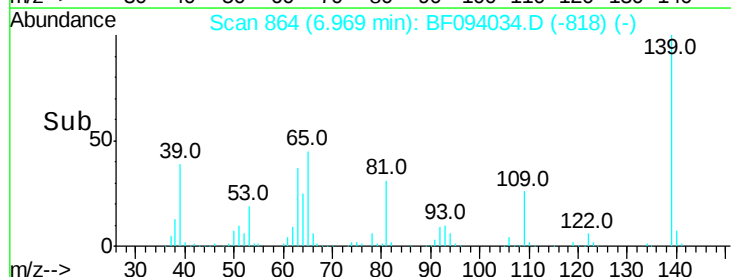
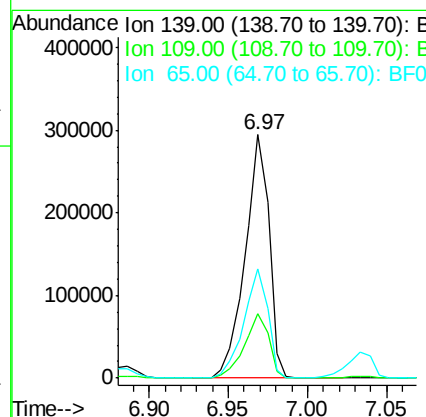
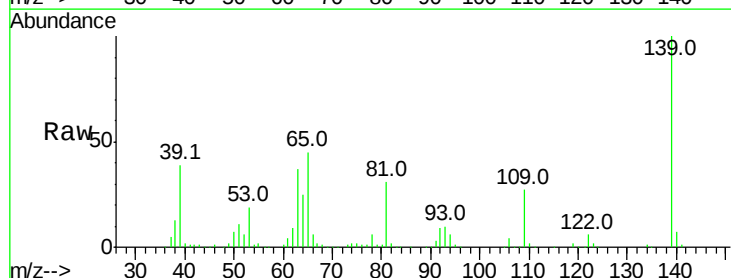
RT: 6.97 min Scan# 864

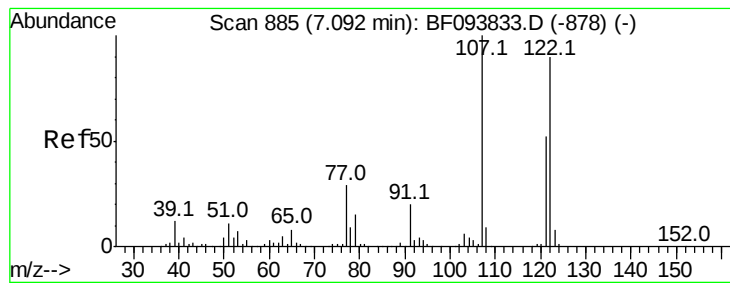
Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Tgt Ion:	139	Resp:	306404
Ion Ratio	Lower	Upper	
139	100		
109	26.7	21.0	31.6
65	44.8	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 43.18 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

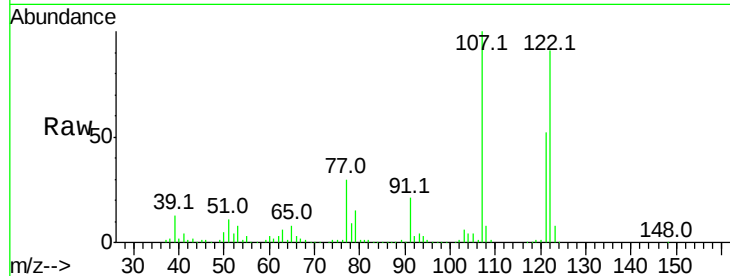
ClientSampleId :

E2-T11-BAEMSD

Tot Ion:	122	Resp:	396683
Ion Ratio	Lower	Upper	
122	100		
107	109.6	89.2	133.8
121	57.4	45.2	67.8

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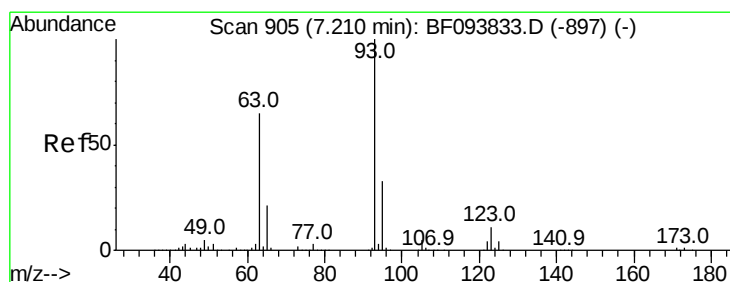
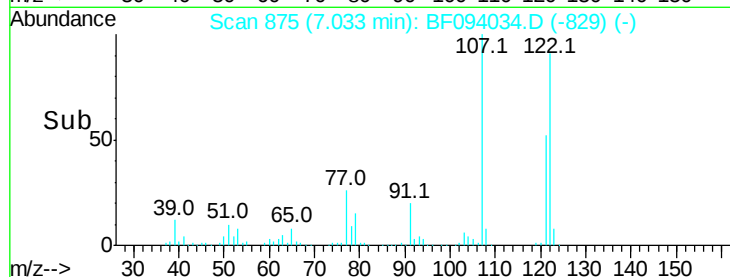
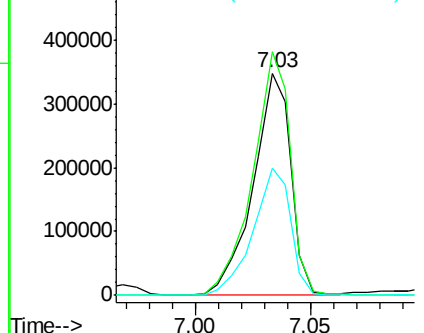
mohammad
3/30/2017 2:32:55 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.30 ng

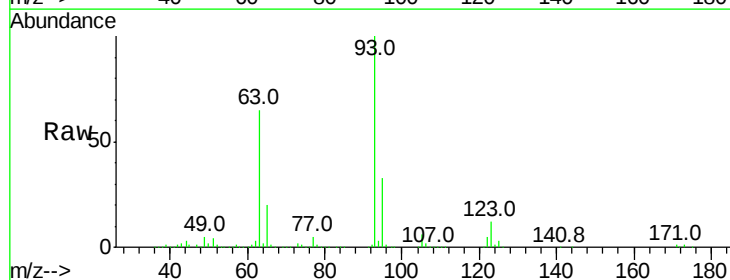
RT: 7.15 min Scan# 894

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

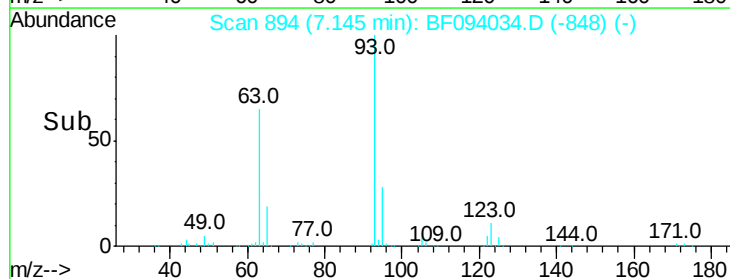
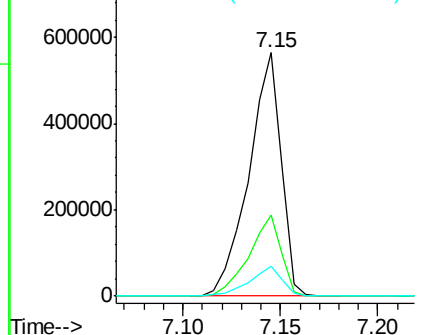
Tgt Ion:	93	Resp:	647546
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.5	39.7
123	12.0	9.0	13.4

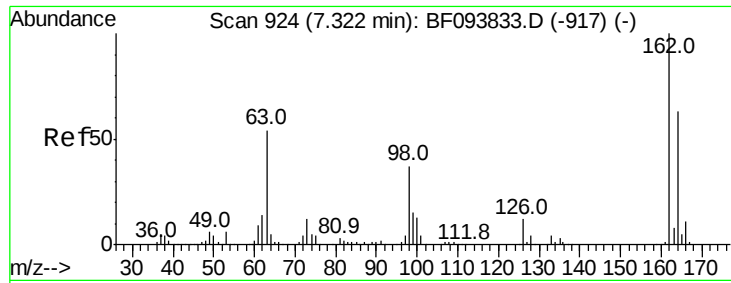


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





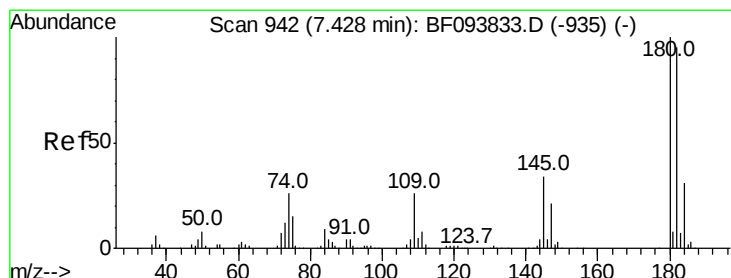
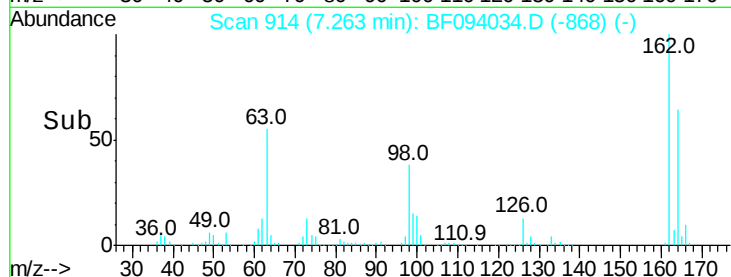
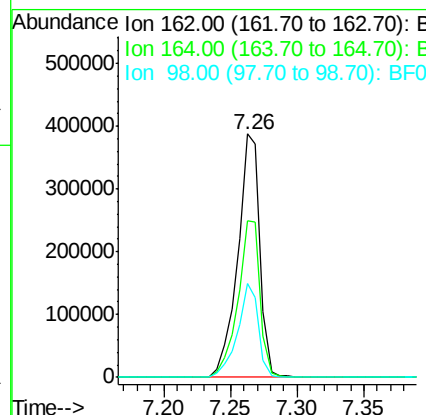
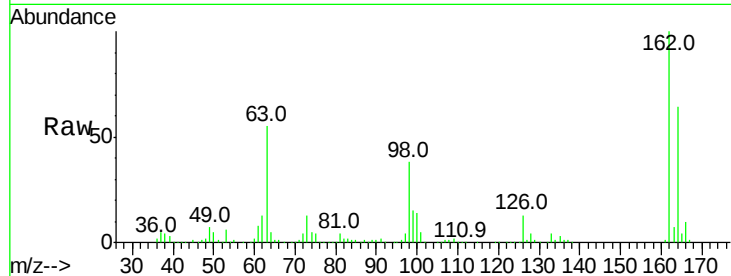
#29
 2,4-Dichlorophenol
 Concen: 52.50 ng
 RT: 7.26 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	38.3	14.8	54.8

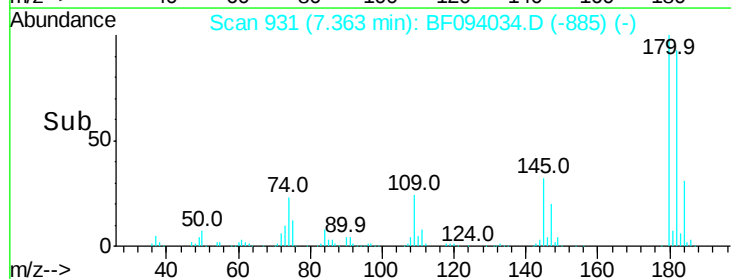
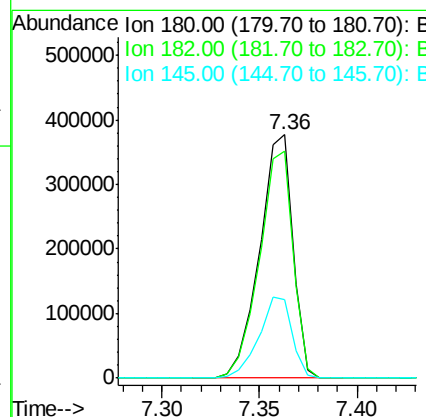
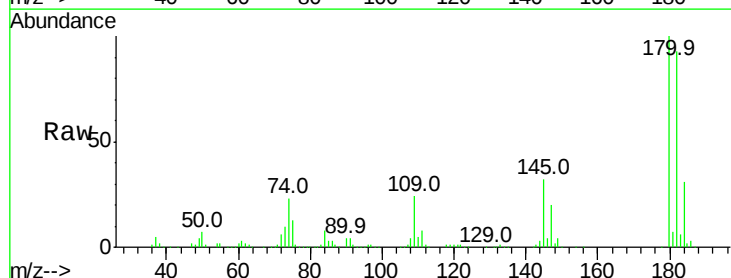
Manual Integrations
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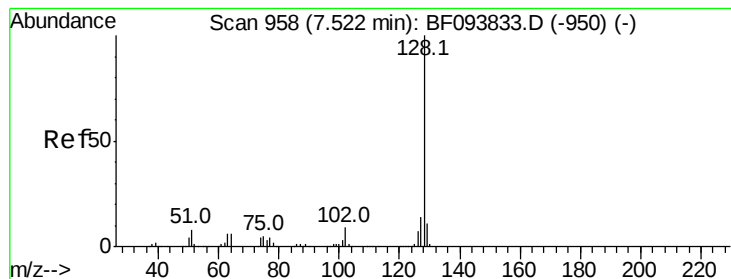
mohammad
 3/30/2017 2:32:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 50.35 ng
 RT: 7.36 min Scan# 931
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.8	113.6
145	32.2	25.3	37.9





#31

Naphthalene

Concen: 49.29 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

Tot Ion:128 Resp: 1533115

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

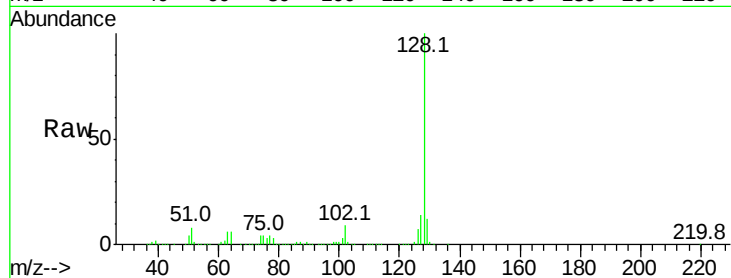
127 13.8 10.8 16.2

Manual Integrations

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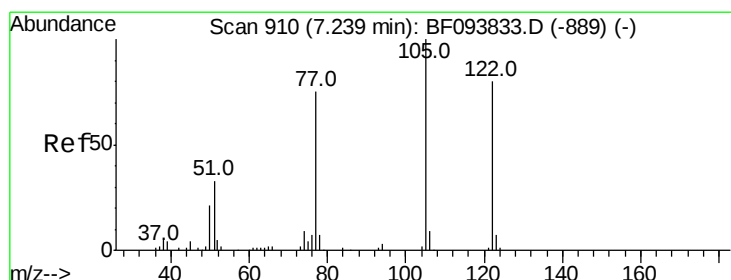
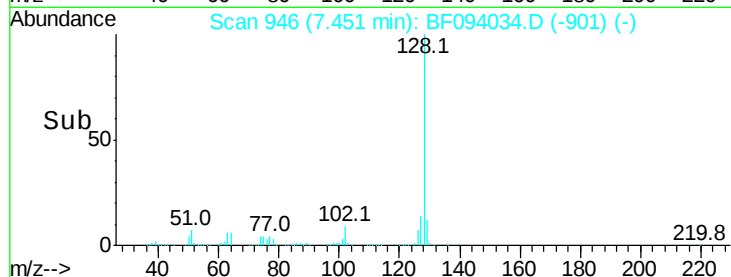
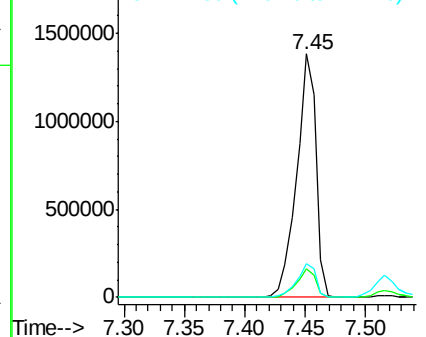
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.58 ng

RT: 7.16 min Scan# 896

Delta R.T. -0.06 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

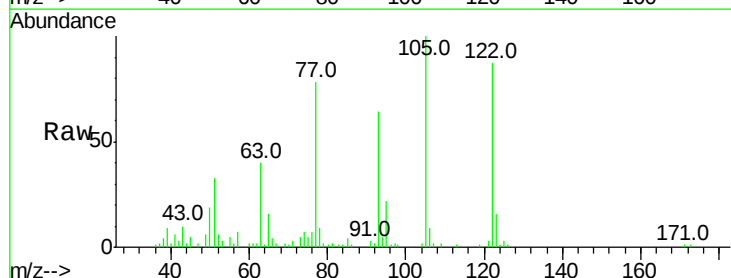
Tgt Ion:122 Resp: 89191

Ion Ratio Lower Upper

122 100

105 115.3 103.3 143.3

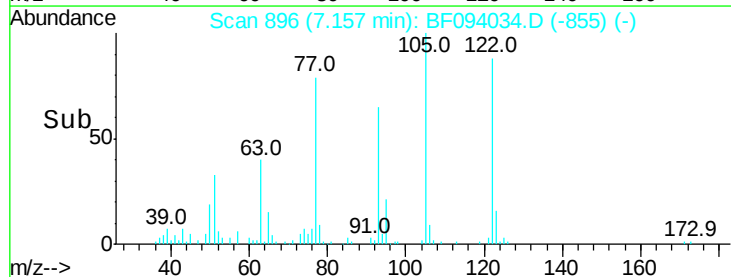
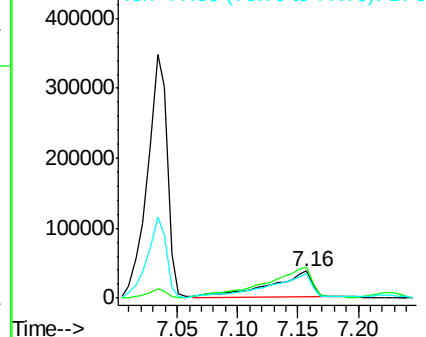
77 90.4 73.7 113.7

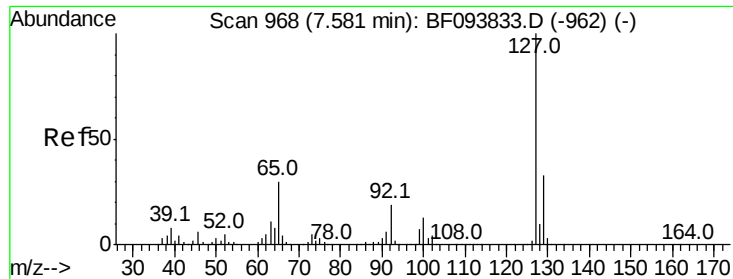


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





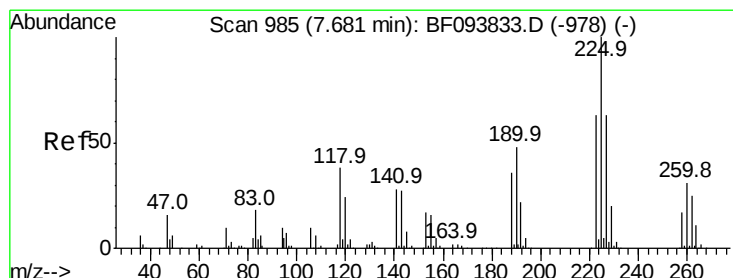
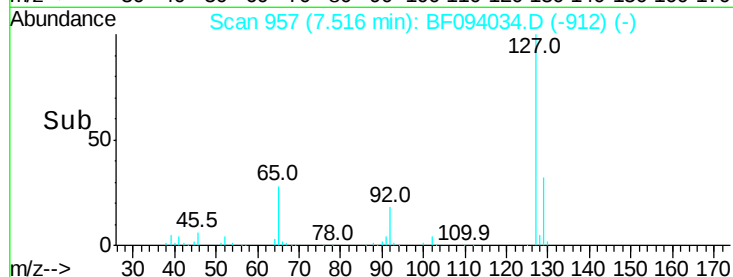
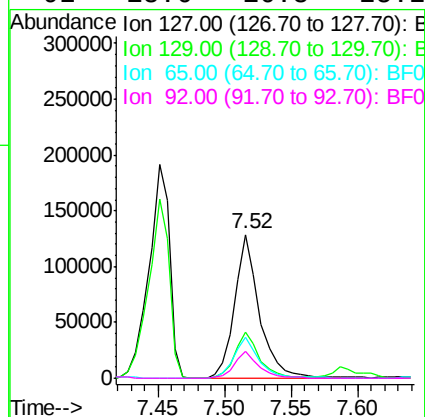
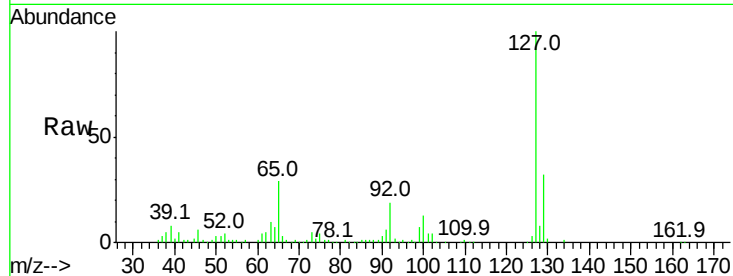
#33
4-Chloroaniline
Concen: 13.22 ng
RT: 7.52 min Scan# 957
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.2	39.2		
65	28.6	27.8	41.8		
92	18.6	16.8	25.2		

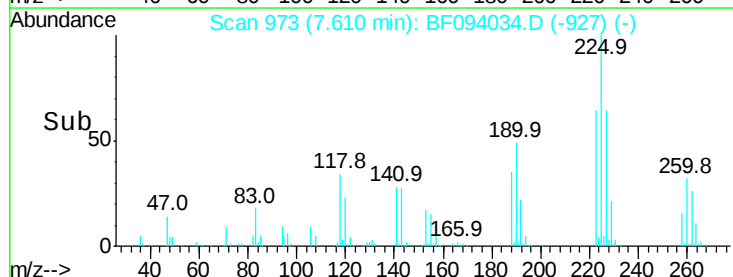
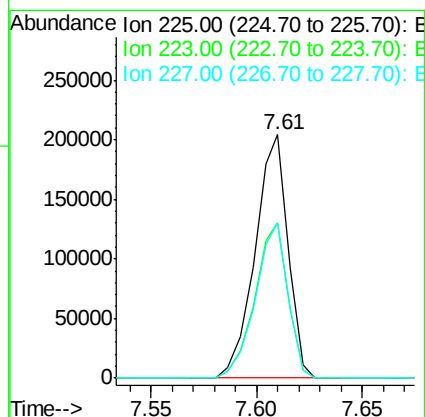
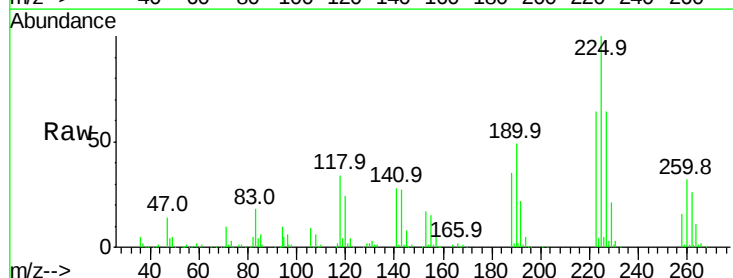
Manual Integrations
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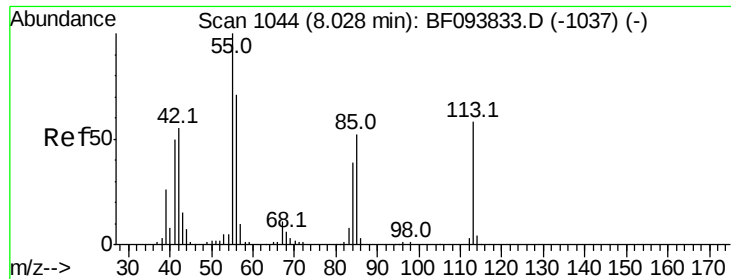
mohammad
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#34
Hexachlorobutadiene
Concen: 48.54 ng
RT: 7.61 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	48.8	73.2		
227	63.8	51.1	76.7		





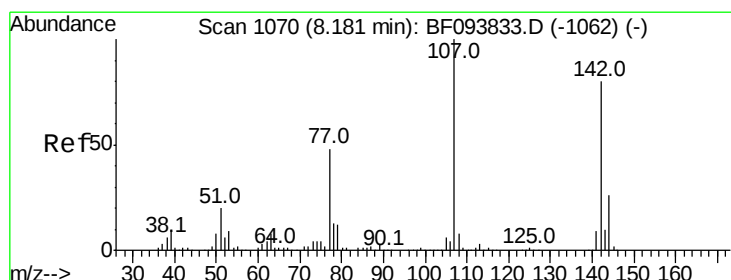
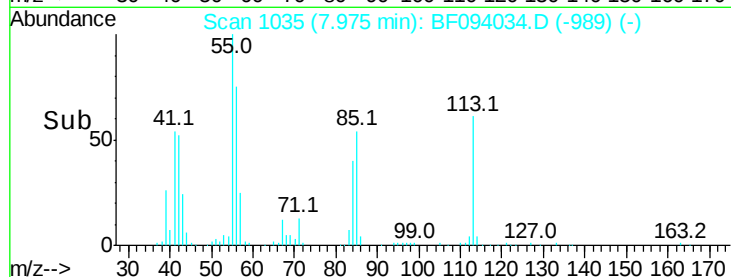
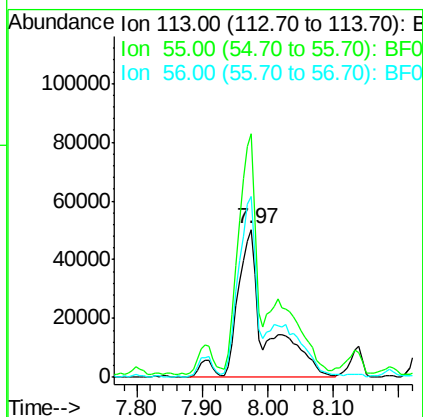
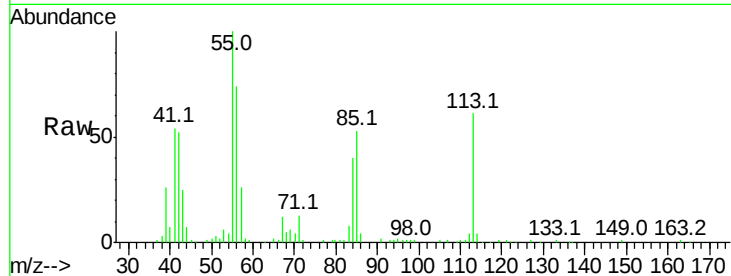
#35
 Caprolactam
 Concen: 57.69 ng/ml
 RT: 7.97 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	164.6	150.2	190.2	
56	122.0	107.8	147.8	

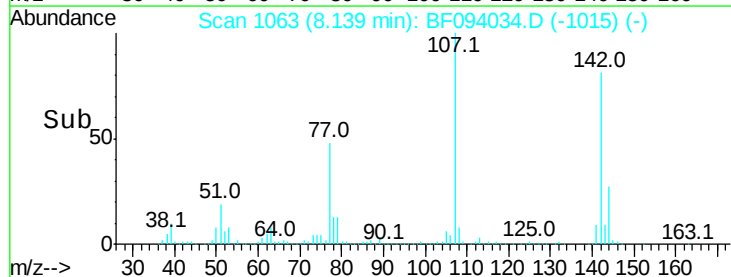
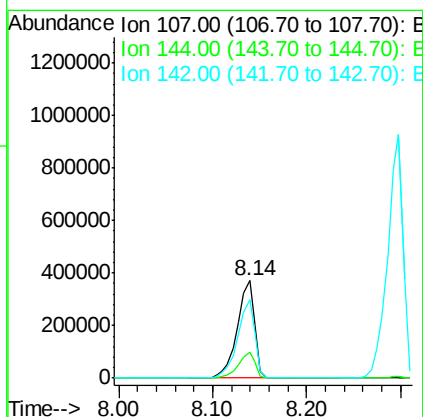
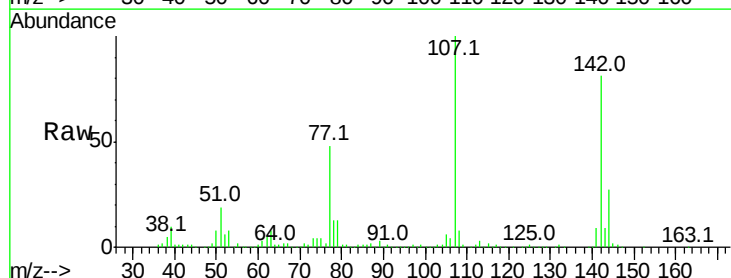
Manual Integrations
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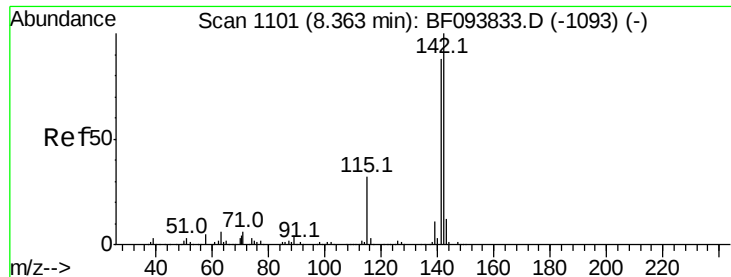
mohammad
 3/30/2017 2:32:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 53.01 ng/ml
 RT: 8.14 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.6	24.2	36.4	
142	80.9	73.4	110.0	





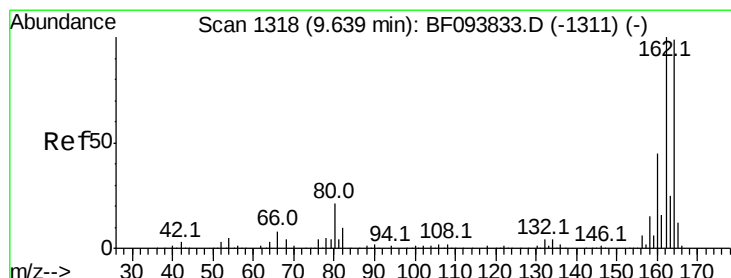
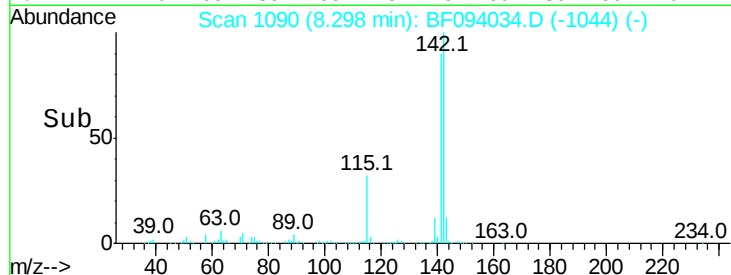
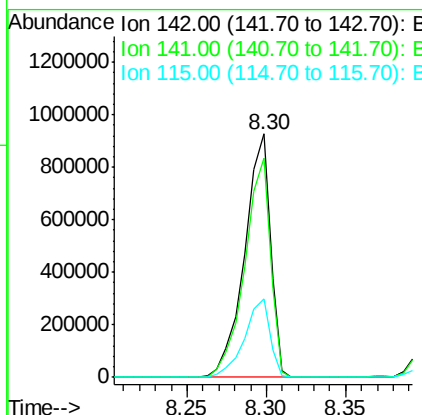
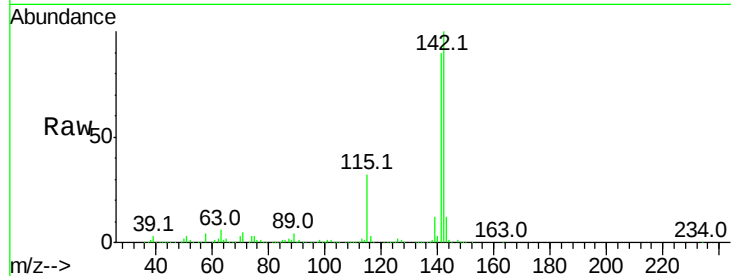
#37
2-Methylnaphthalene
Concen: 50.60 ng
RT: 8.30 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	32.3	27.1	40.7

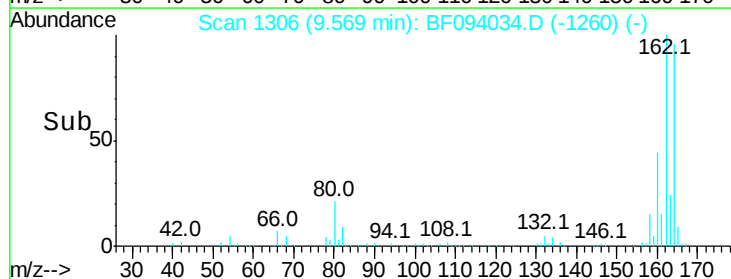
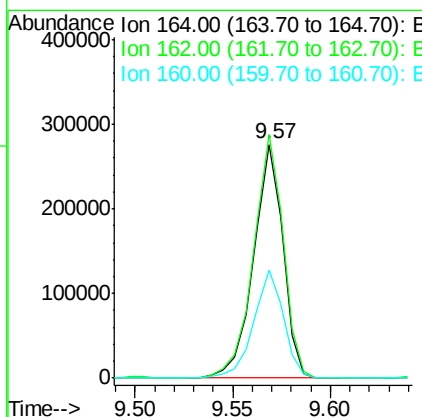
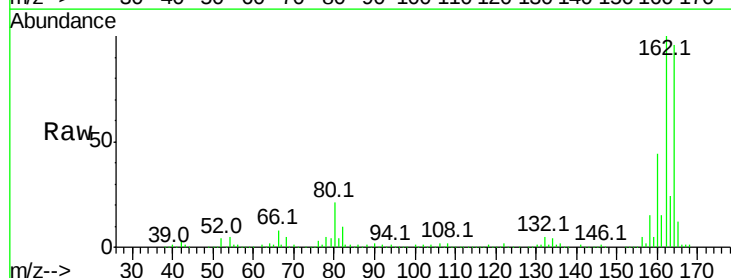
Manual Integrations
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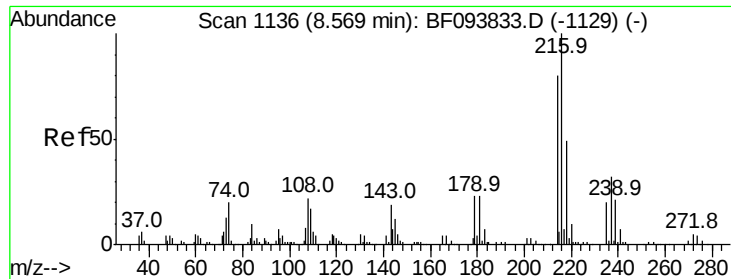
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	46.1	36.2	54.2





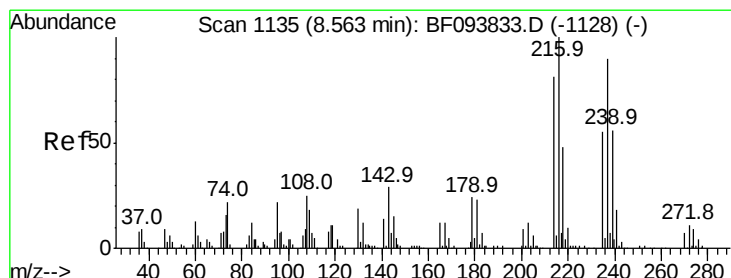
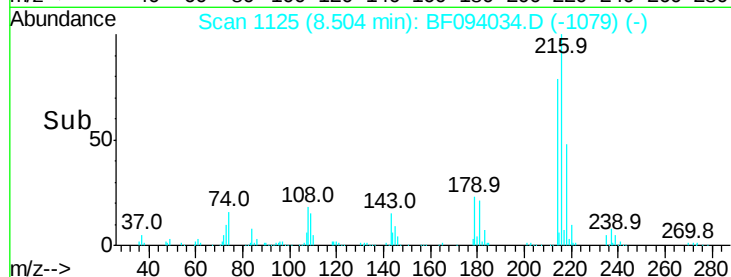
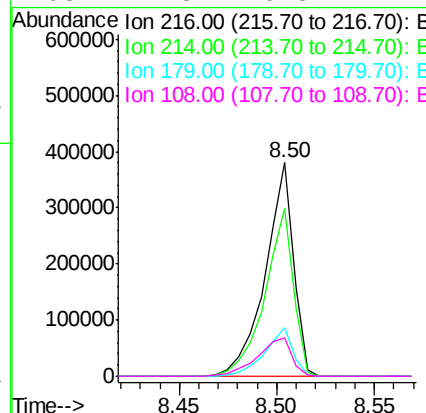
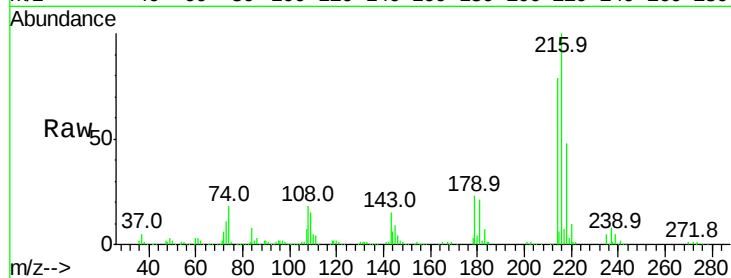
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.28 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.4	95.2
179	22.6	17.9	26.9
108	21.8	16.5	24.7

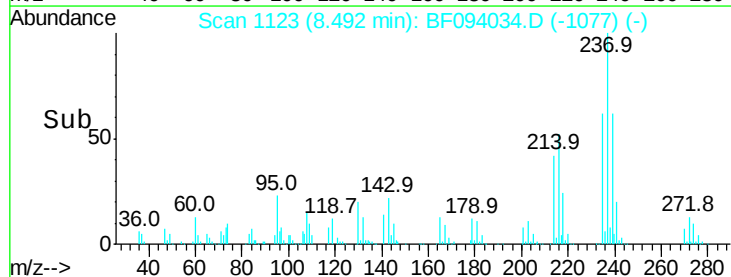
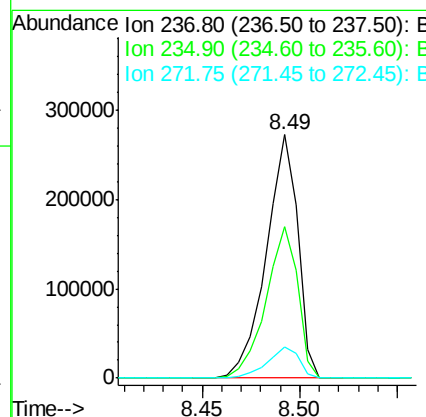
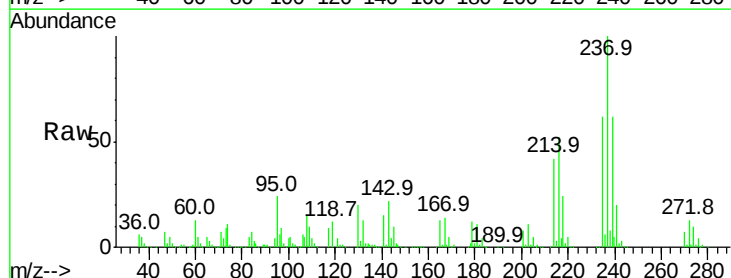
Manual Integrations
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#40
 Hexachlorocyclopentadiene
 Concen: 82.69 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.3	42.6	82.6
272	12.9	0.0	31.9





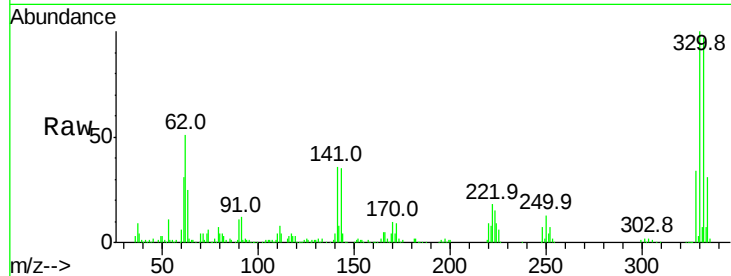
#41
 2,4,6-Tribromophenol
 Concen: 125.35 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

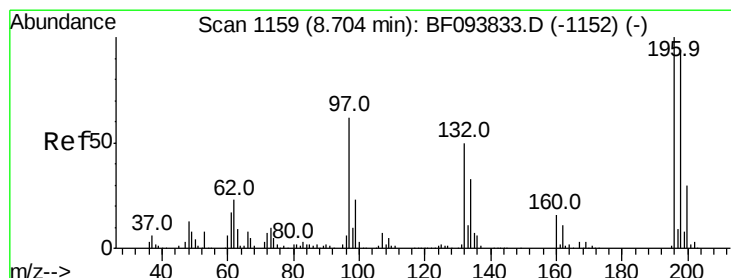
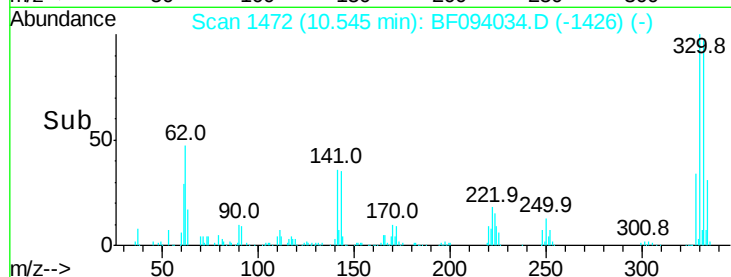
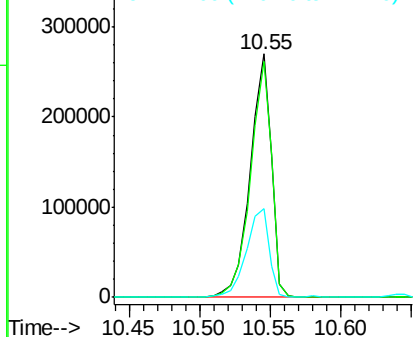
Tot Ion	Ratio	Resp	Lower	Upper
330	100	285198		
332	96.8	76.6	115.0	
141	38.7	31.4	47.2	

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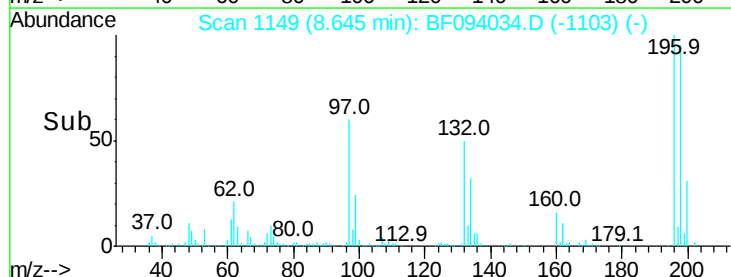
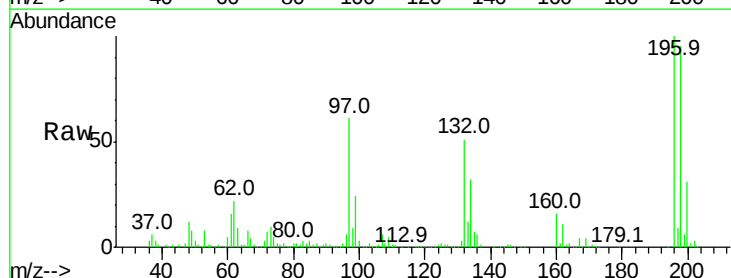
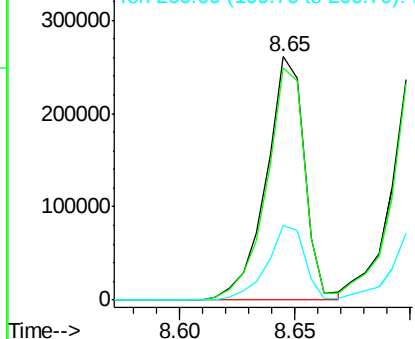
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 54.06 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301258		
198	95.5	74.2	111.4	
200	30.8	24.0	36.0	

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





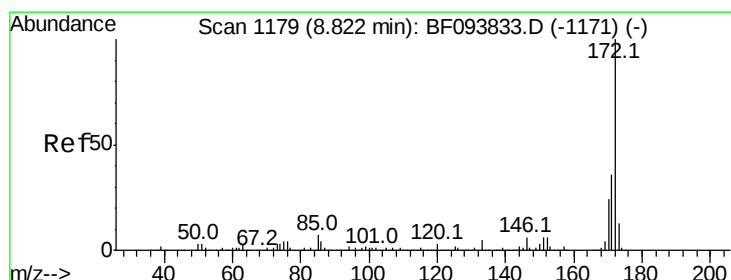
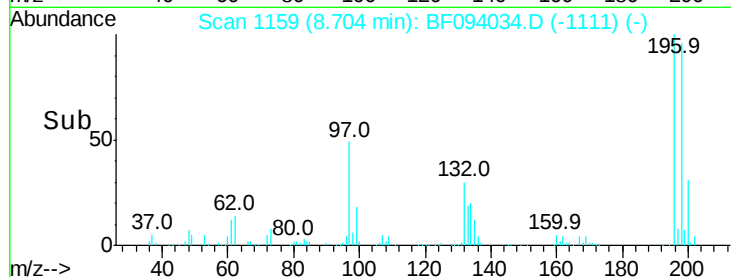
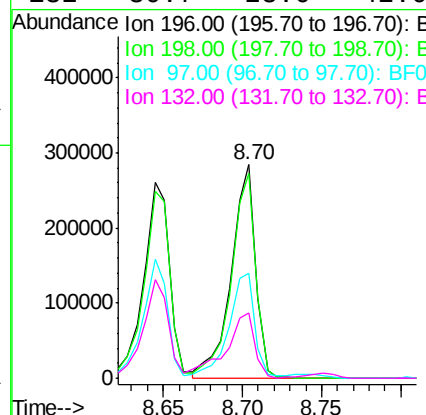
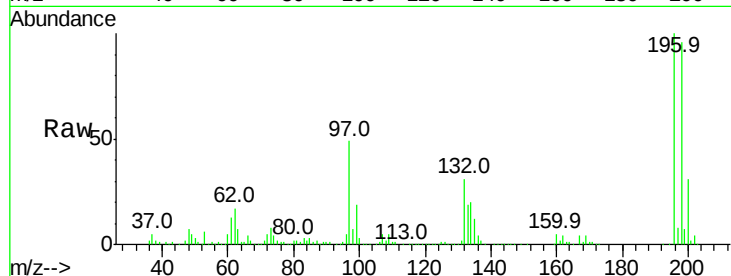
#43
 2,4,5-Trichlorophenol
 Concen: 50.25 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion:	196	Resp:	302999
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.7	113.5
97	49.4	47.7	71.5
132	30.7	28.0	42.0

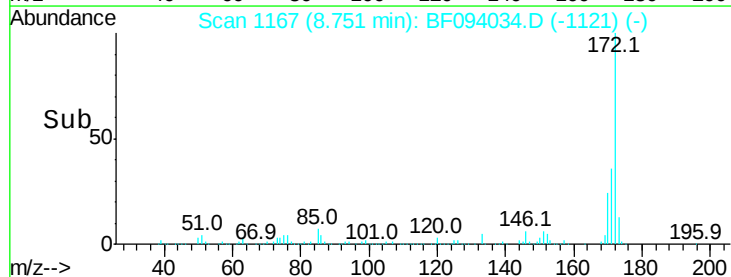
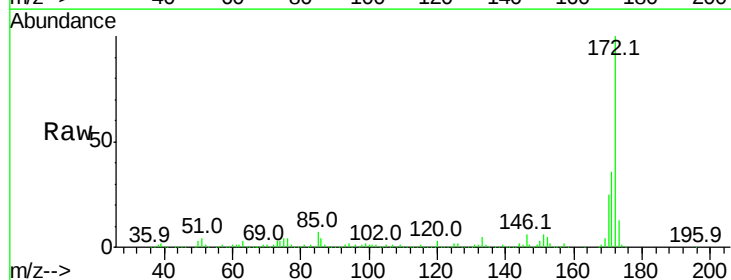
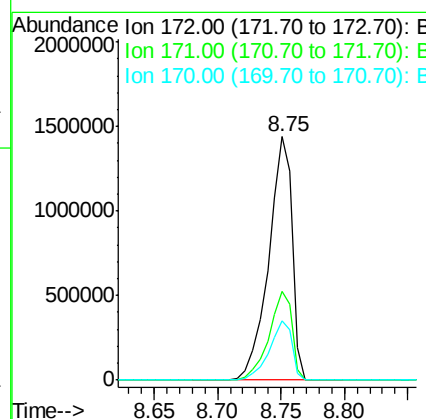
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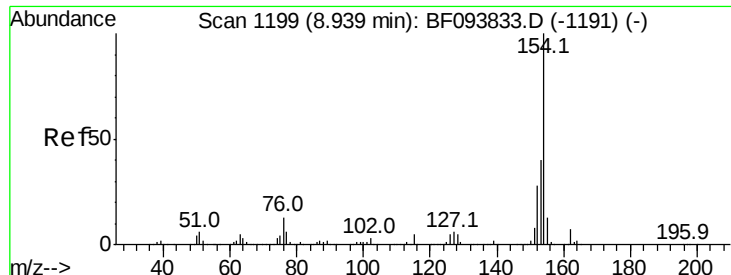
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 97.25 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion:	172	Resp:	1835745
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	24.5	19.8	29.8





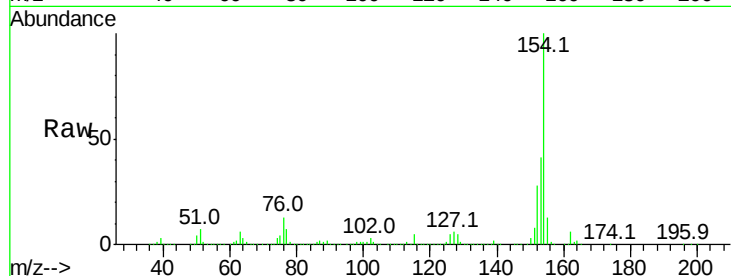
#45
 1,1'-Biphenyl
 Concen: 49.34 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	13.4	0.0	29.9

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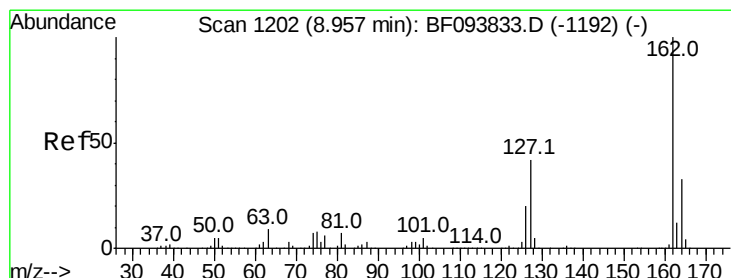
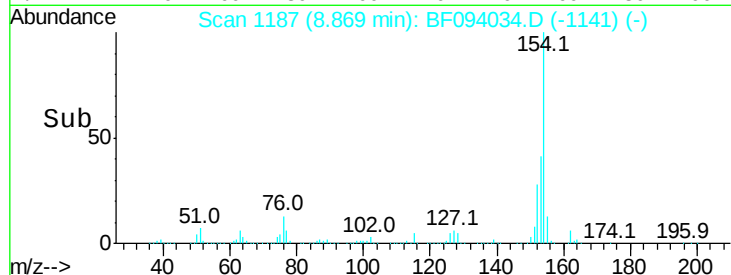
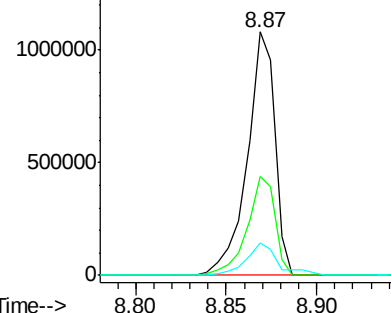


Abundance

Ion 154.00 (153.70 to 154.70): E

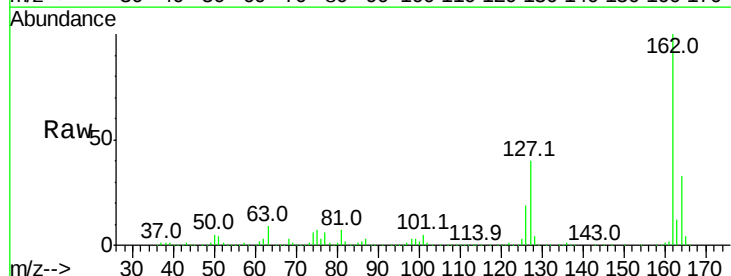
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 49.95 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	28.3	42.5
164	33.1	27.0	40.4

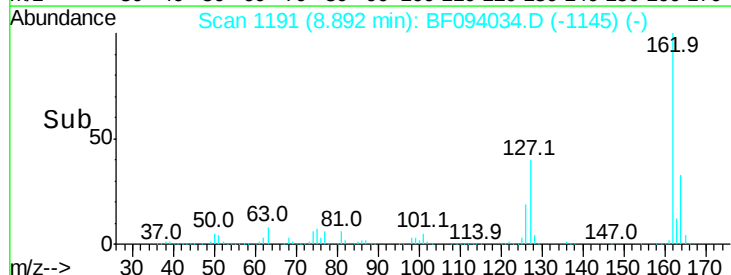
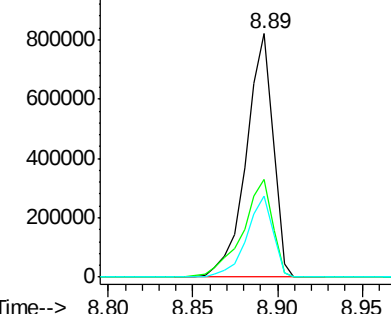


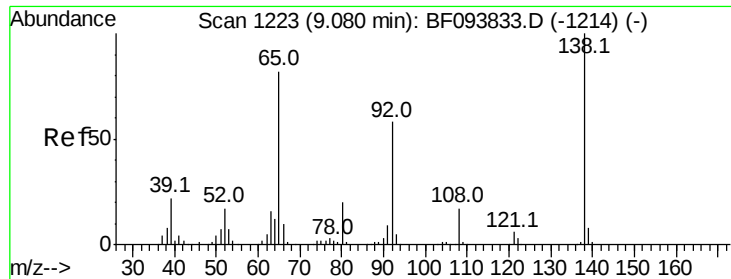
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





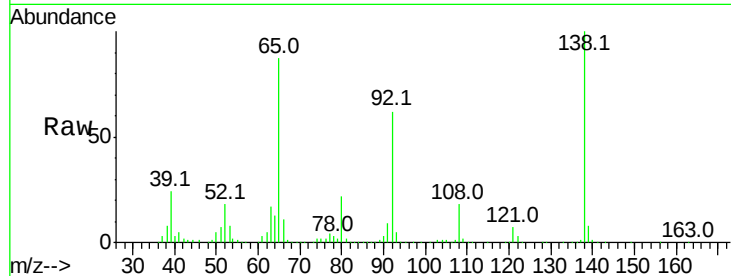
#47
2-Nitroaniline
Concen: 52.05 ng
RT: 9.02 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

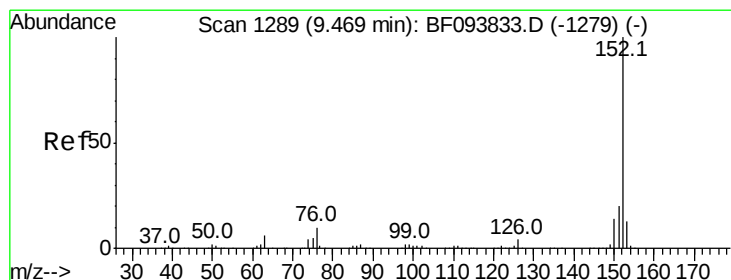
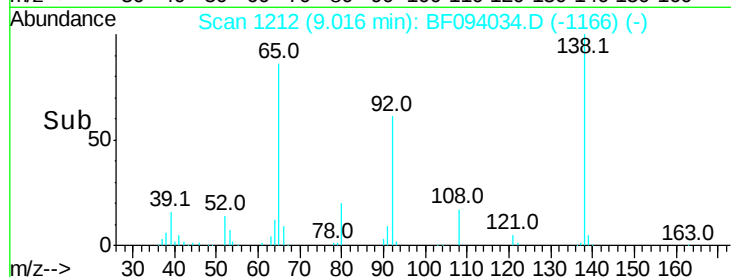
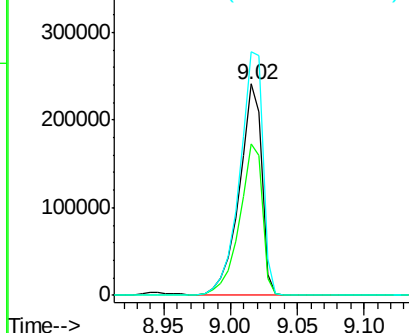
Tot Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.9	80.9
138	115.2	78.8	118.2

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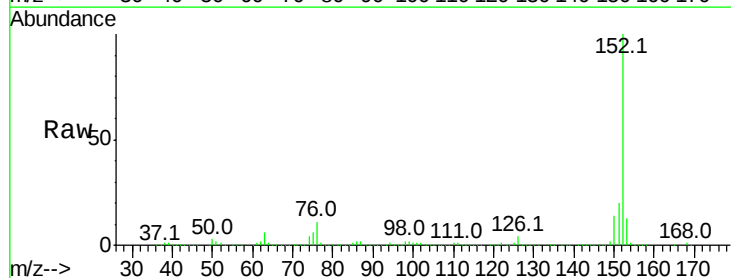


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

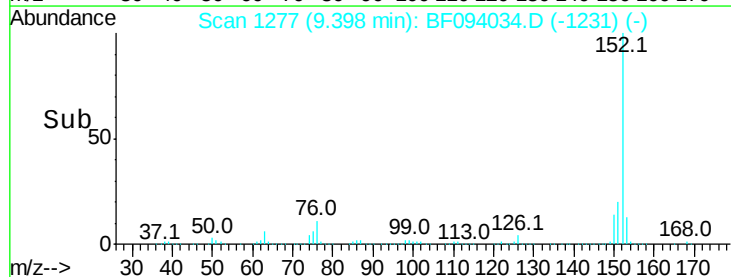
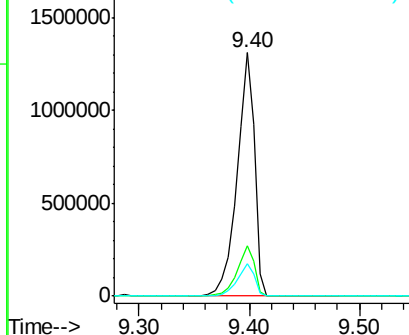


#48
Acenaphthylene
Concen: 47.84 ng
RT: 9.40 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.5	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 57.34 ng

RT: 9.26 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

Tot Ion:163 Resp: 1173494

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

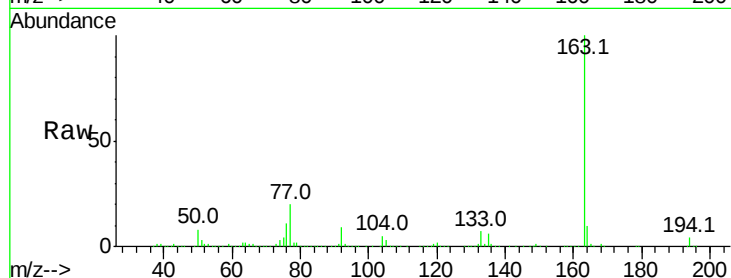
164 10.2 8.4 12.6

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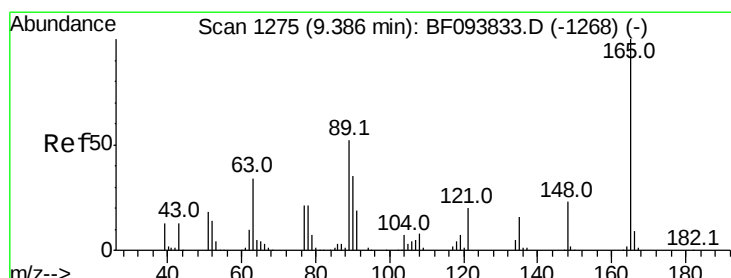
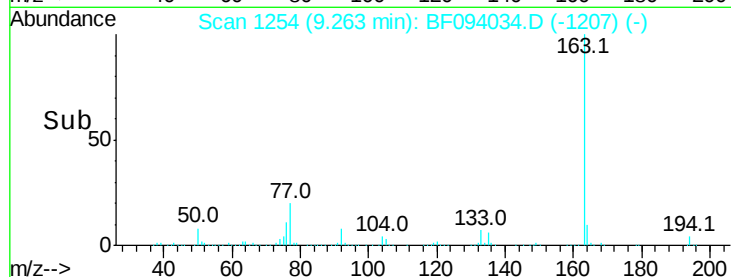
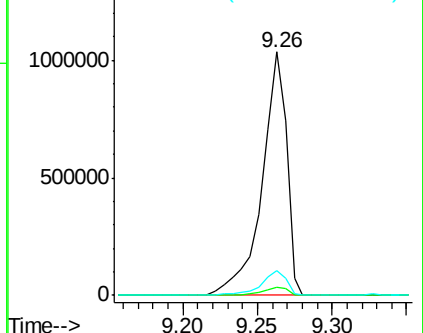
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.50 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

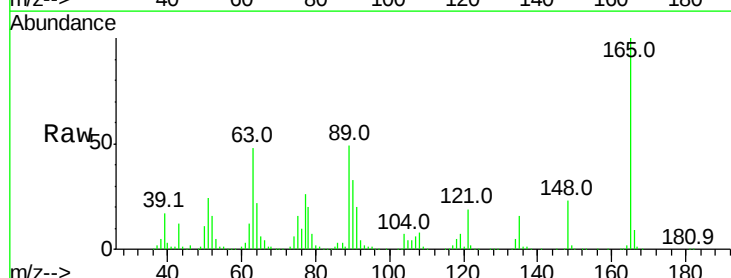
Tgt Ion:165 Resp: 246305

Ion Ratio Lower Upper

165 100

63 48.5 34.3 51.5

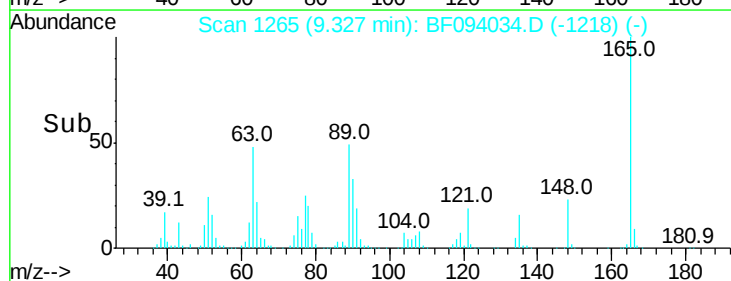
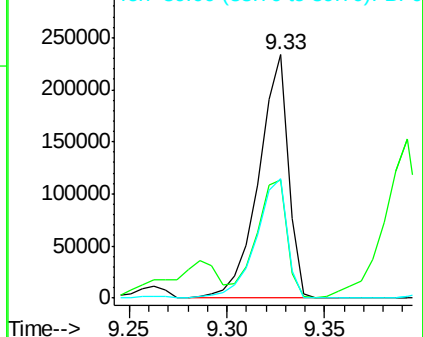
89 49.1 37.1 55.7

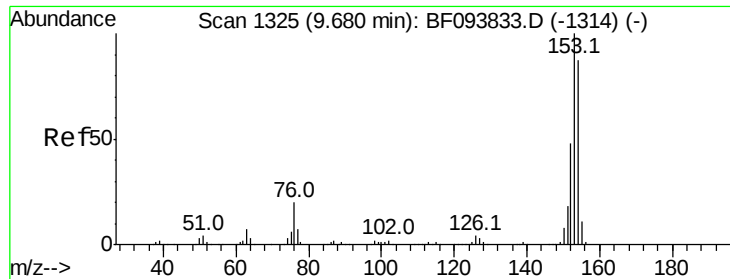


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.05 ng

RT: 9.61 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMSD

Tot Ion:154 Resp: 847092

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

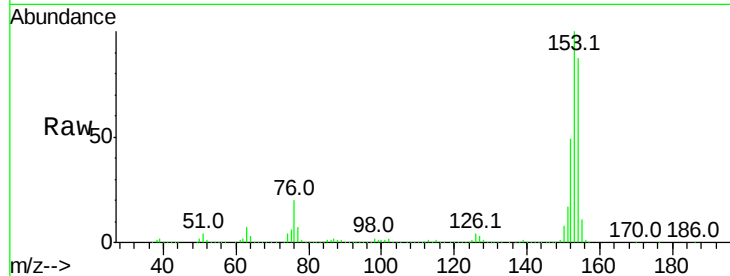
152 55.6 43.6 65.4

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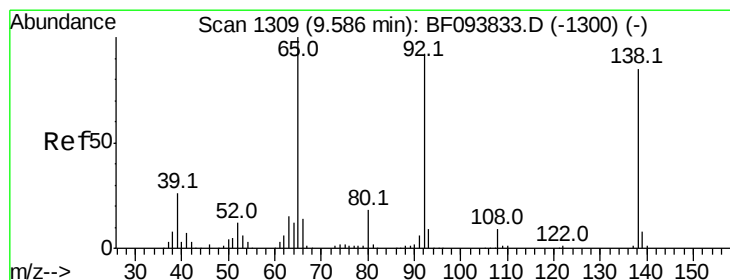
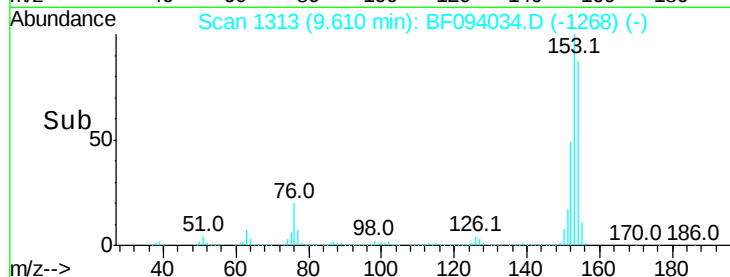
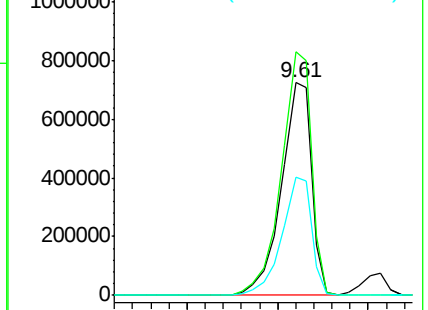
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.46 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

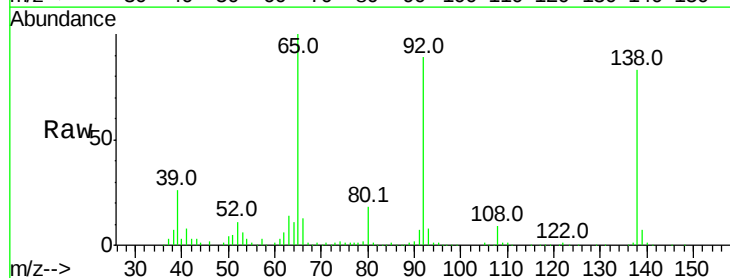
Tgt Ion:138 Resp: 156769

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

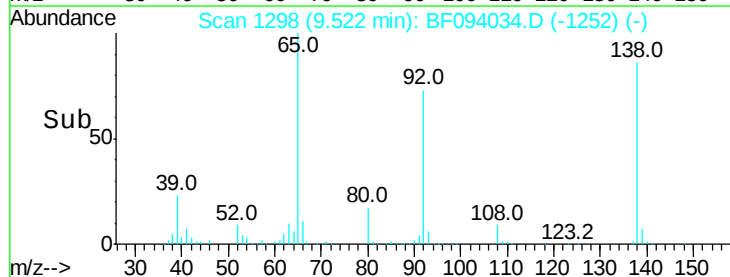
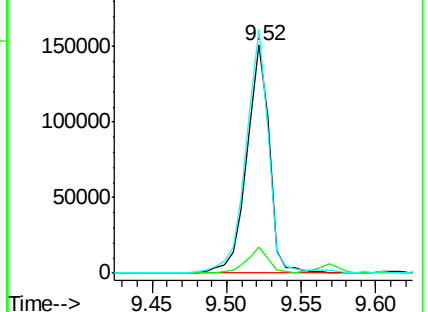
92 106.8 93.8 140.6

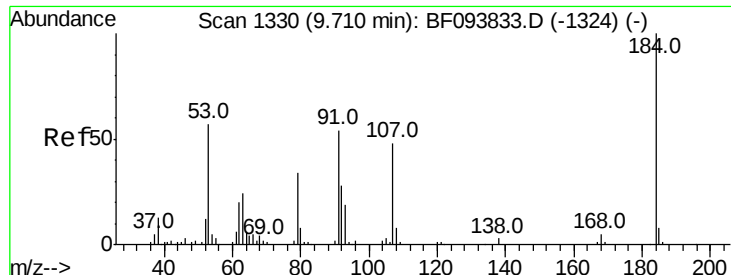


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





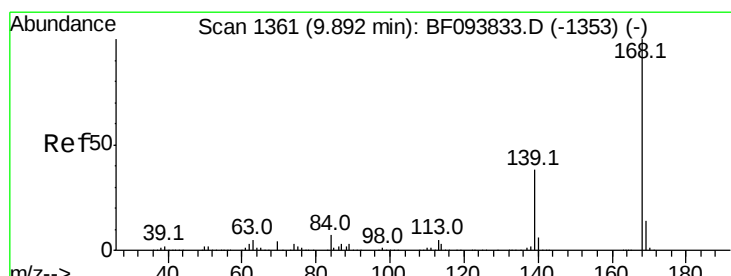
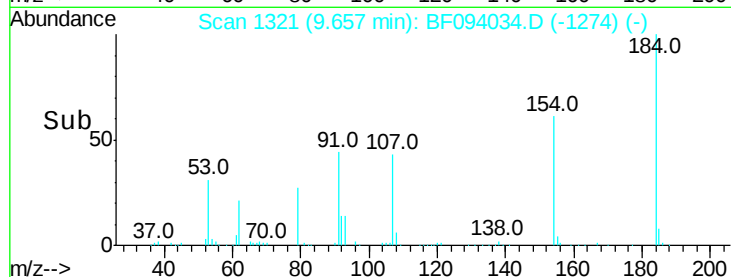
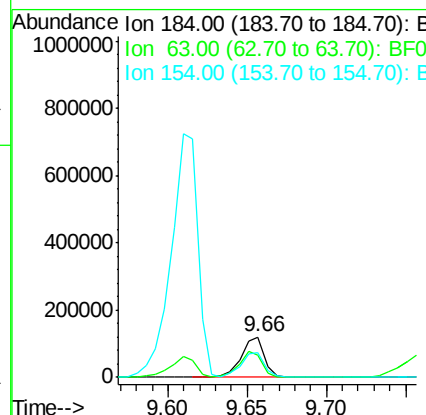
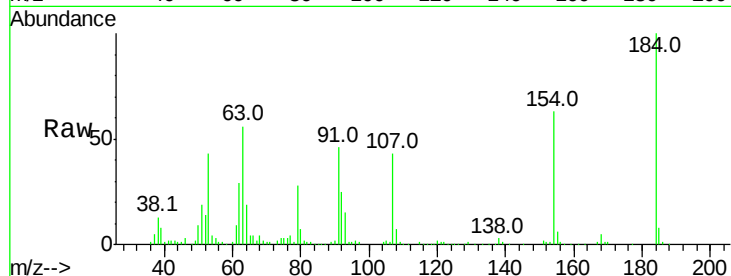
#53
 2,4-Dinitrophenol
 Concen: 50.40 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.1	62.7	94.1#
154	62.9	81.1	121.7#

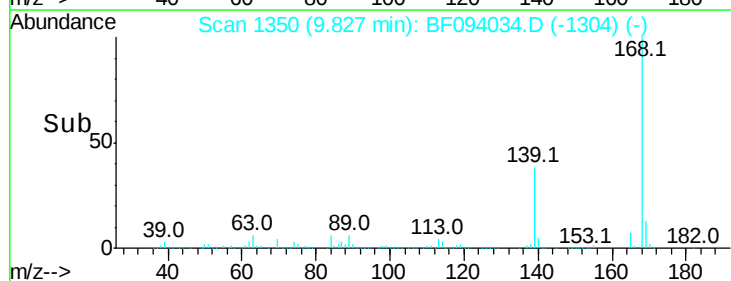
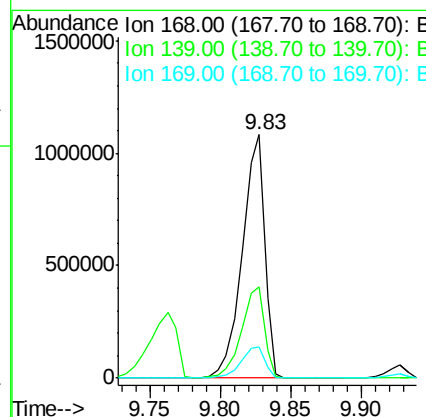
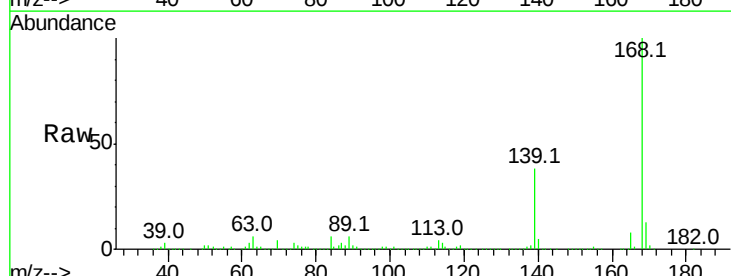
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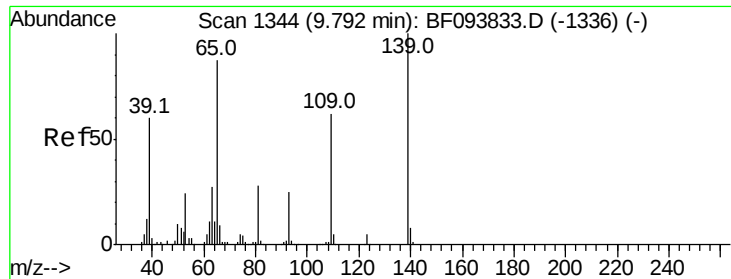
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#54
 Dibenzofuran
 Concen: 49.83 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.6	45.8
169	13.0	10.8	16.2





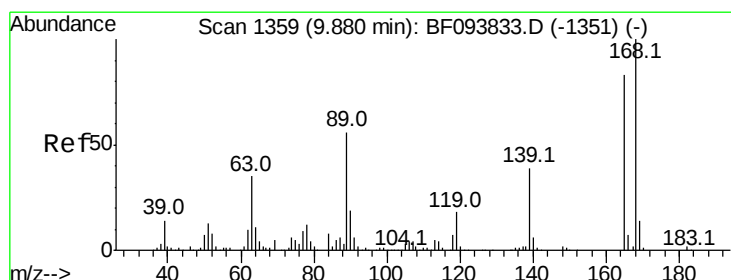
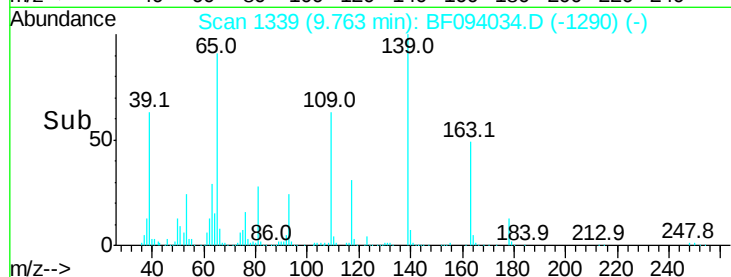
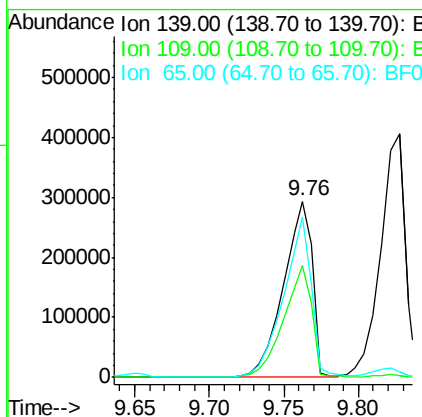
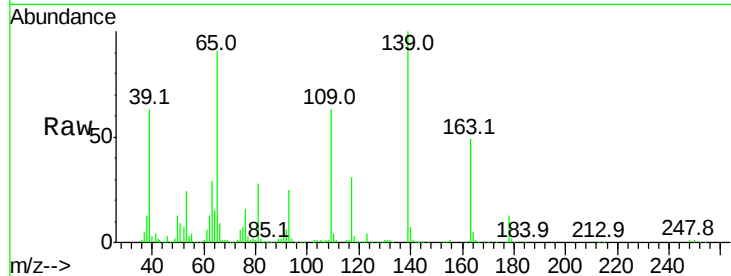
#55
4-Nitrophenol
Concen: 92.78 ng
RT: 9.76 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.2	34.1	74.1
65	91.3	31.4	71.4

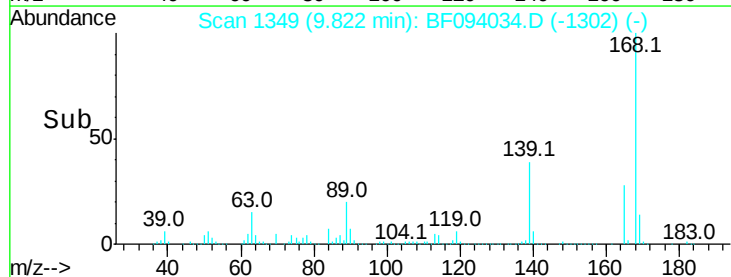
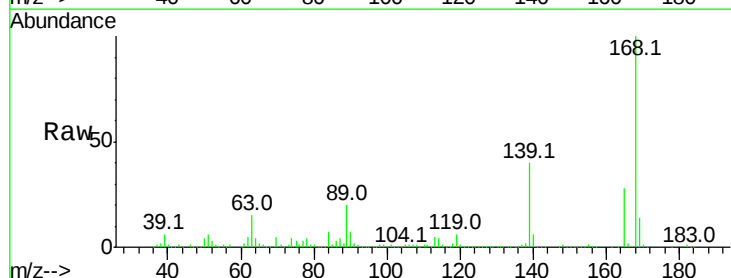
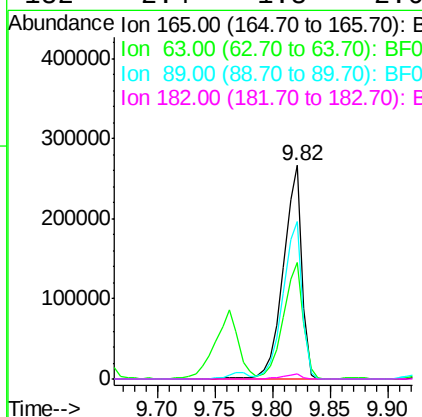
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#56
2,4-Dinitrotoluene
Concen: 50.51 ng
RT: 9.82 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.8	25.4	38.0
89	73.6	46.4	69.6
182	2.4	1.8	2.6





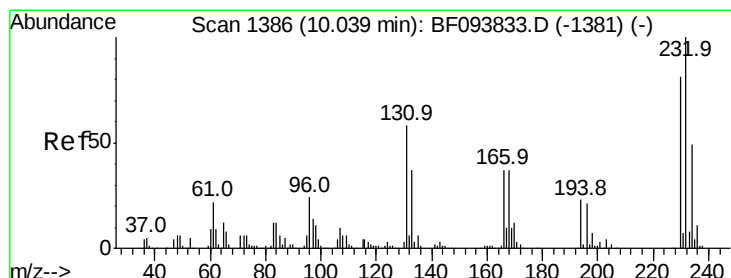
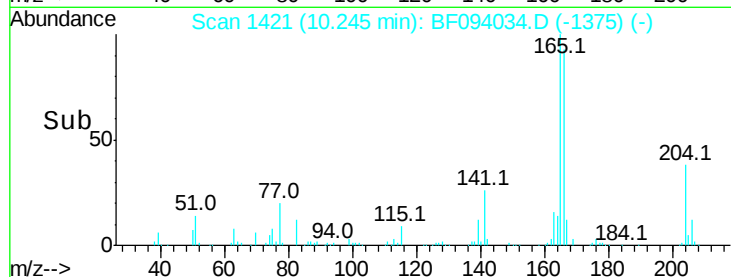
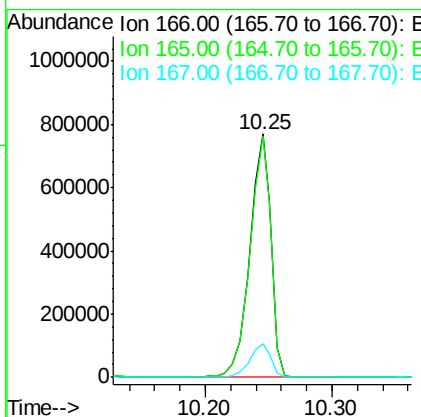
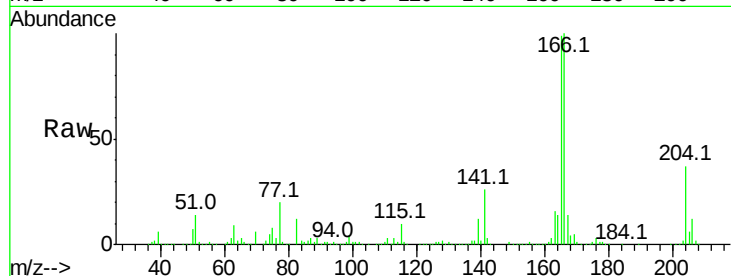
#57
Fluorene
 Concen: 45.06 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	896740		
165	98.8		78.8	118.2
167	13.9		10.6	16.0

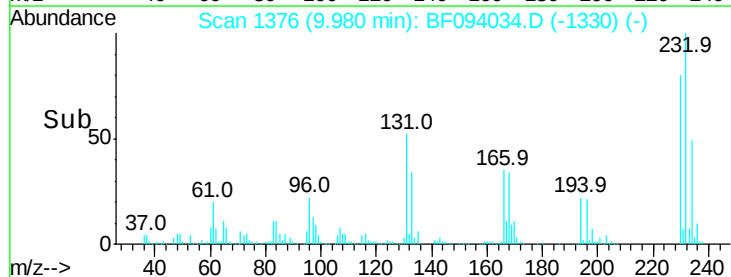
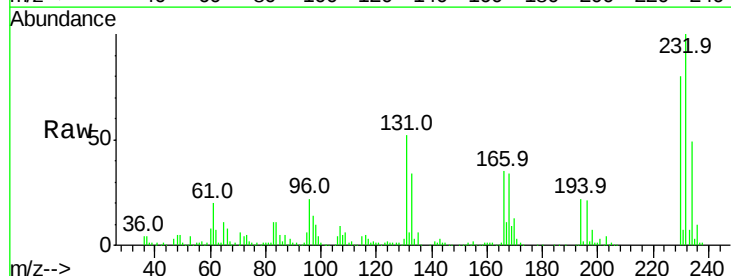
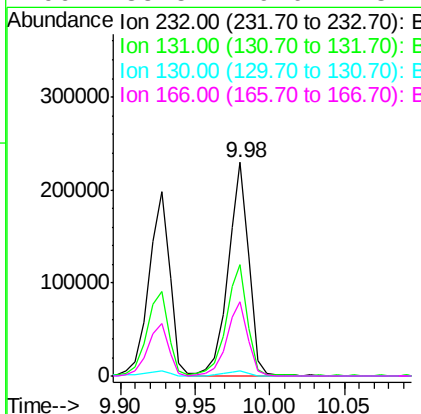
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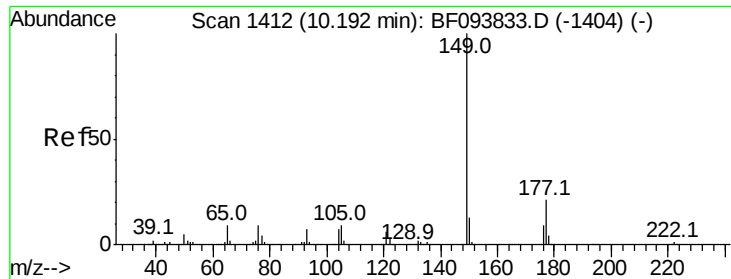
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.55 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	225701		
131	52.3		44.8	67.2
130	3.0		2.3	3.5
166	35.5		29.0	43.4





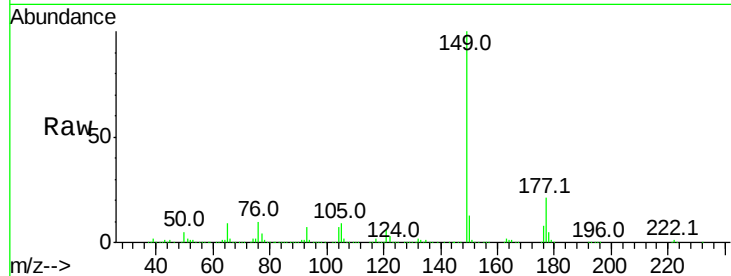
#59
Diethylphthalate
Concen: 51.42 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

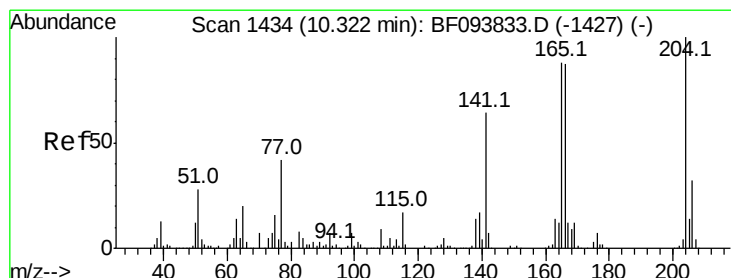
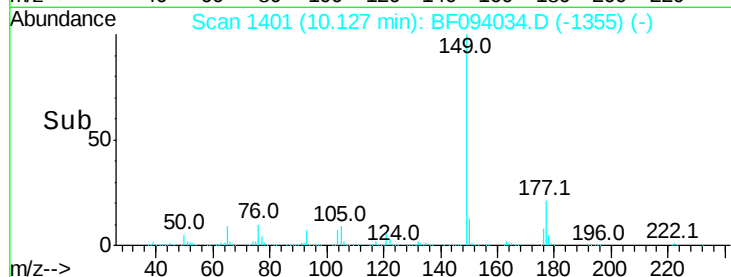
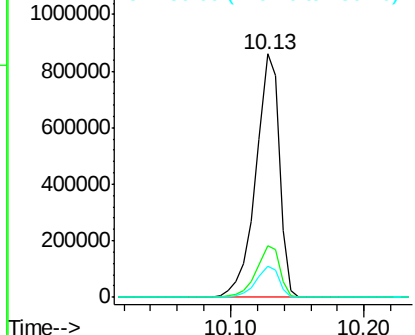
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.9	10.2	15.2

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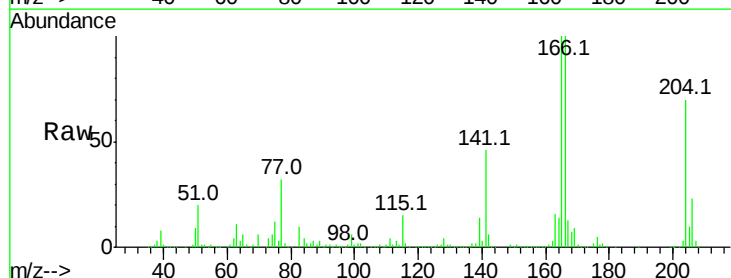


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

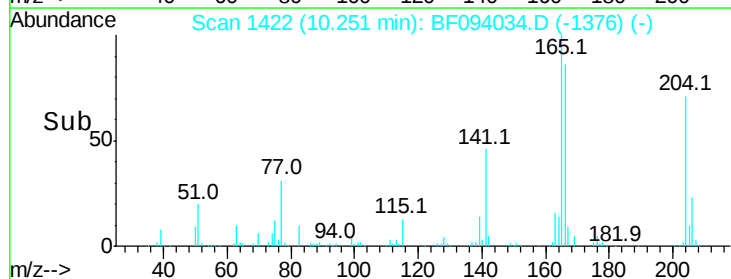
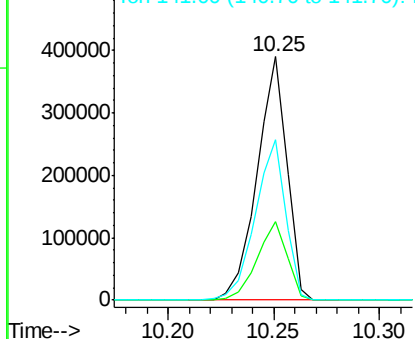


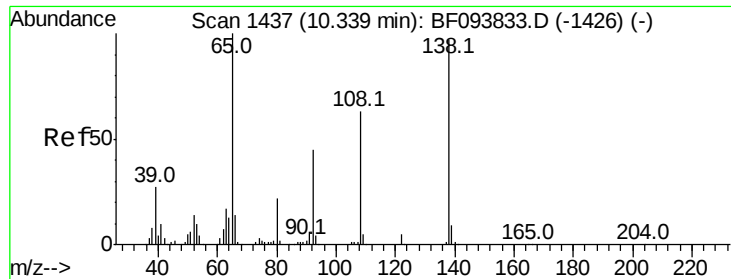
#60
4-Chlorophenyl-phenylether
Concen: 45.19 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	65.8	60.8	91.2



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





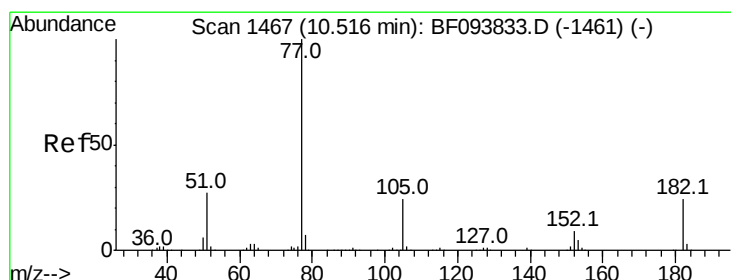
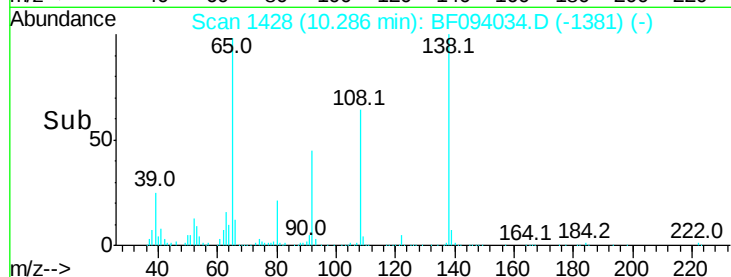
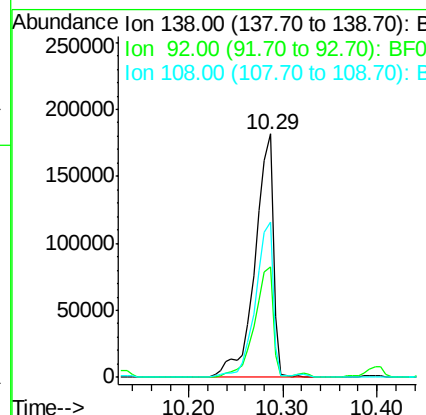
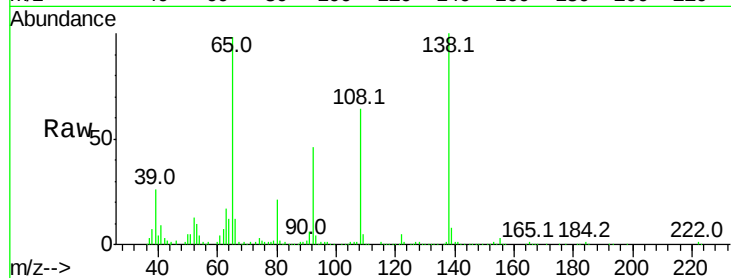
#61
4-Nitroaniline
Concen: 46.65 ng
RT: 10.29 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	21.8	61.8
108	63.8	42.3	82.3

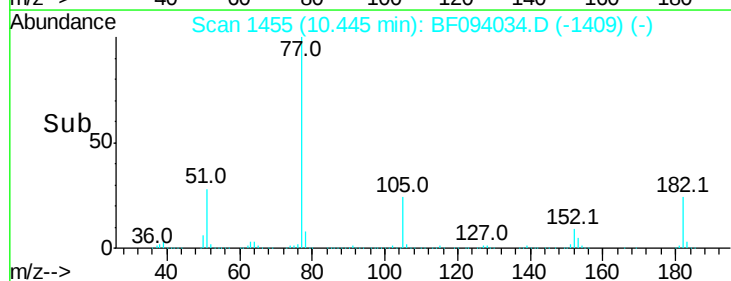
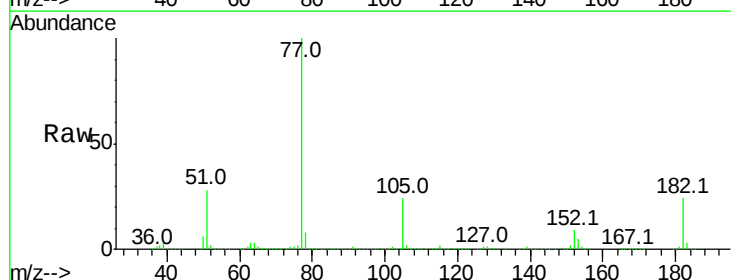
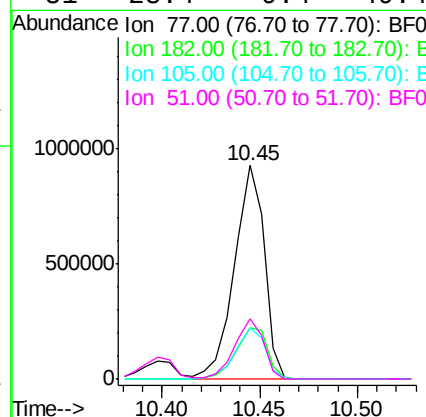
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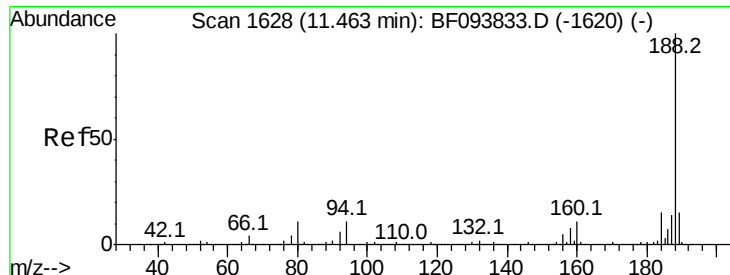
mohammad
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#62
Azobenzene
Concen: 51.20 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	0.1	40.1
105	23.8	3.6	43.6
51	28.4	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1616

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

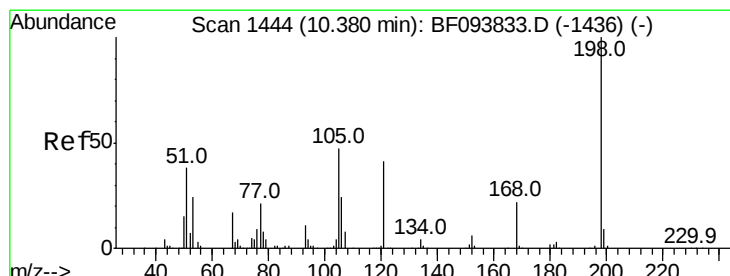
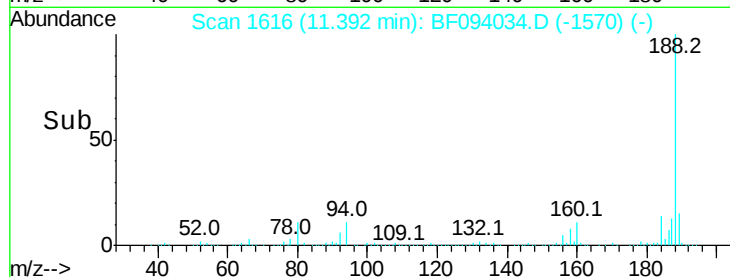
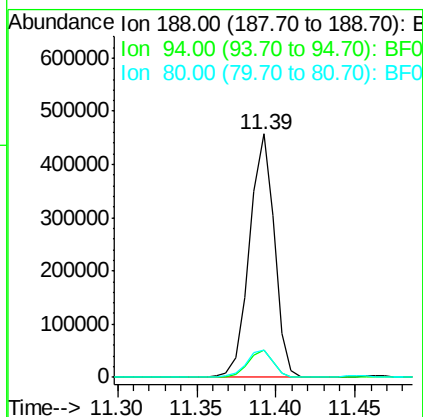
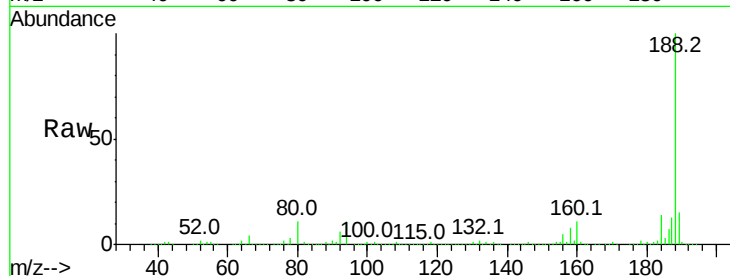
ClientSampleId :

E2-T11-BASEMSD

Tot Ion:	188	Resp:	498221
Ion Ratio	Lower	Upper	
188	100		
94	11.4	9.4	14.2
80	11.4	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.48 ng

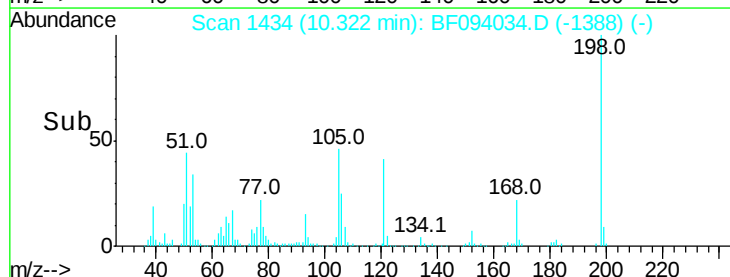
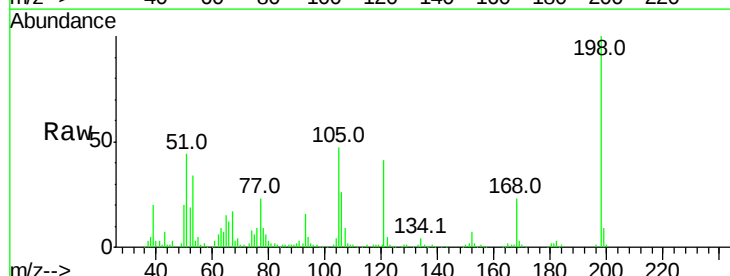
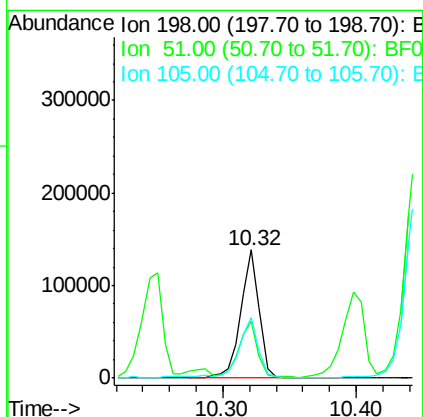
RT: 10.32 min Scan# 1434

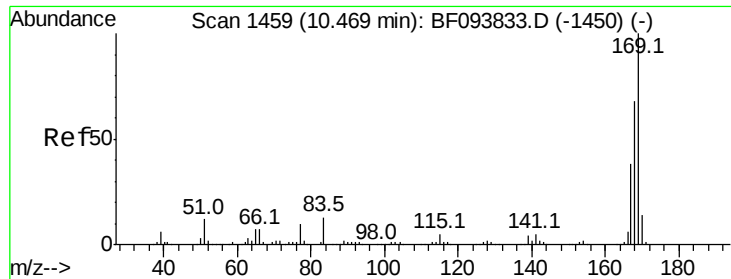
Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Tgt Ion:	198	Resp:	132681
Ion Ratio	Lower	Upper	
198	100		
51	44.1	53.2	93.2#
105	47.3	45.8	85.8





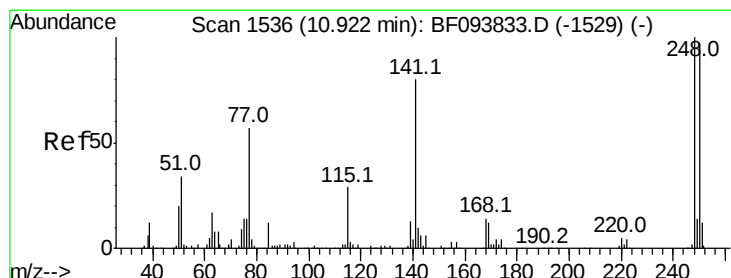
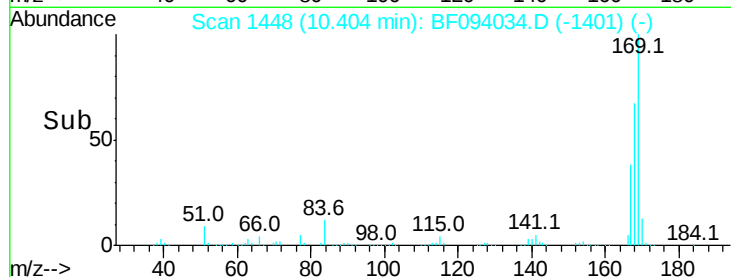
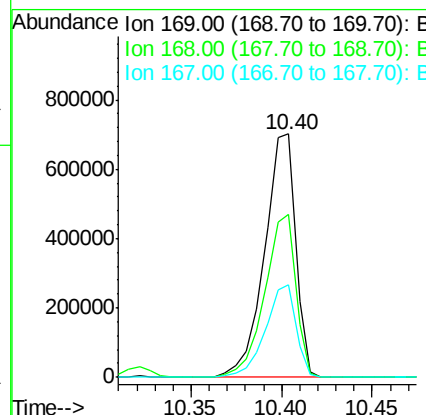
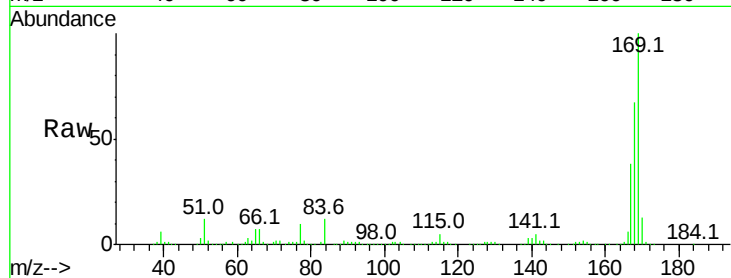
#65
n-Nitrosodiphenylamine
Concen: 48.80 ng
RT: 10.40 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	38.0	29.5	44.3

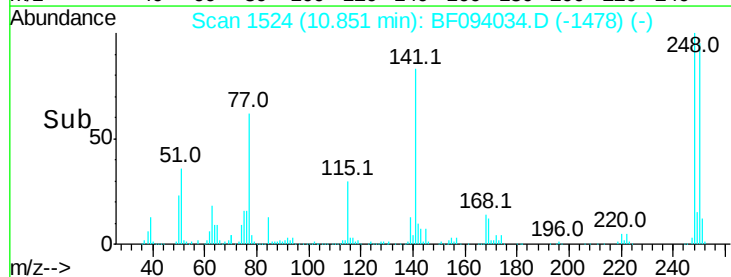
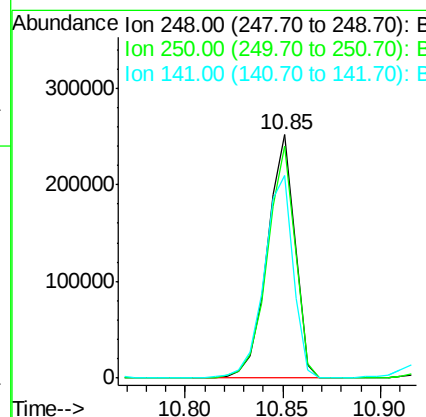
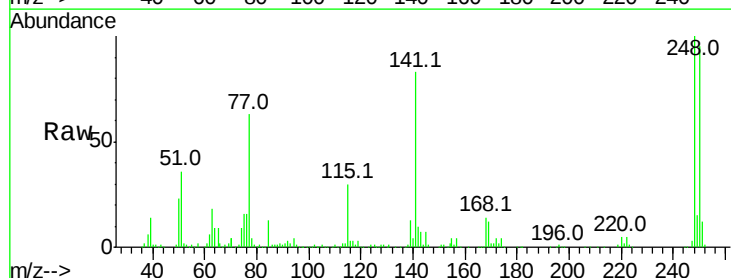
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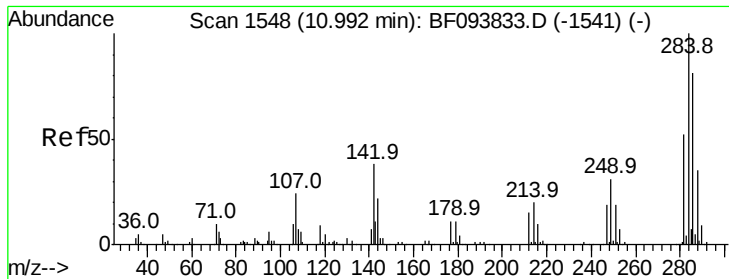
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 50.36 ng
RT: 10.85 min Scan# 1524
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.8	115.2
141	83.2	68.6	103.0





#67

Hexachlorobenzene

Concen: 50.08 ng

RT: 10.92 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

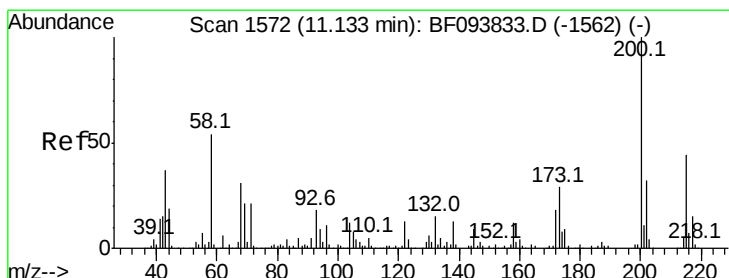
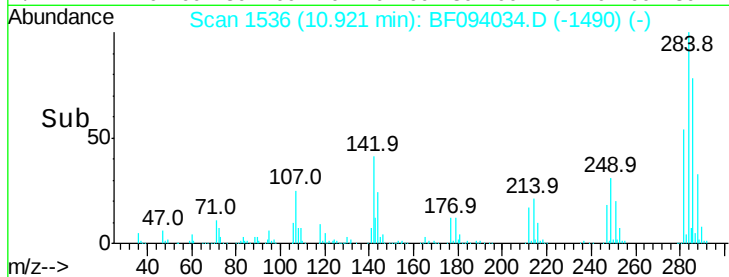
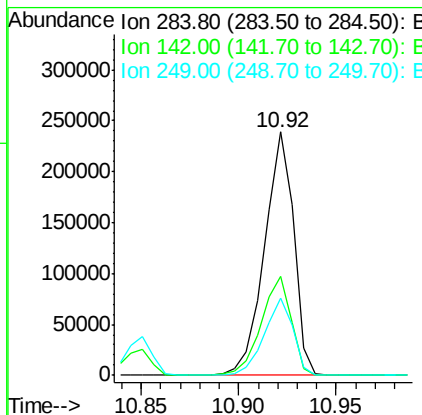
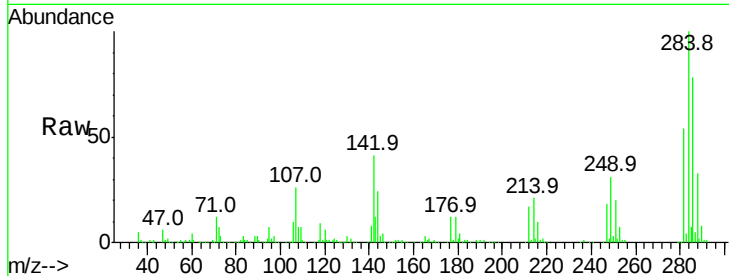
ClientSampleId :

E2-T11-BAEMSD

Tot Ion:	284	Resp:	248412
Ion Ratio		Lower	Upper
284	100		
142	40.9	22.8	34.2#
249	31.5	24.0	36.0

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#68

Atrazine

Concen: 51.15 ng

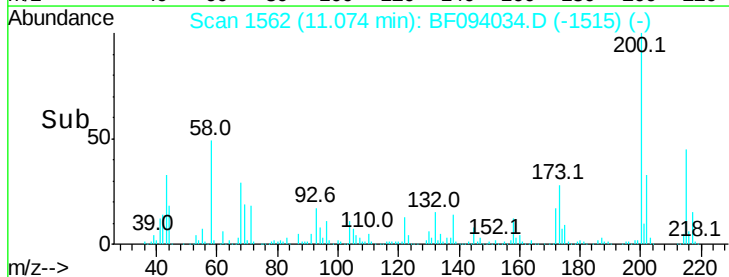
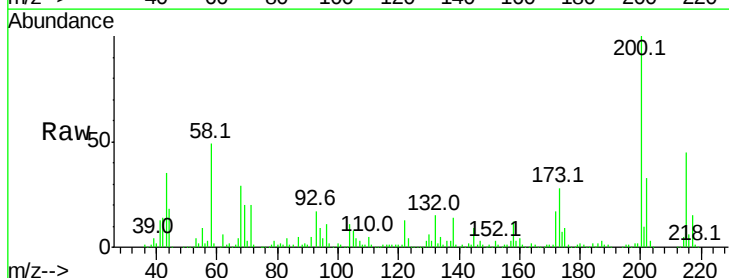
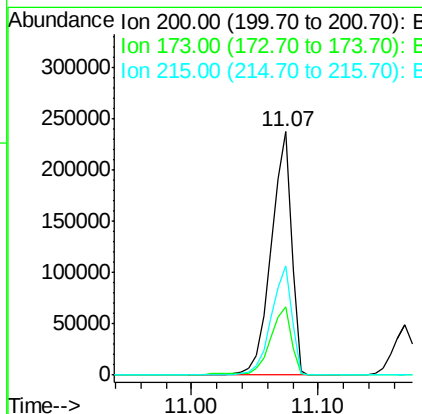
RT: 11.07 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Tgt Ion:	200	Resp:	263958
Ion Ratio		Lower	Upper
200	100		
173	27.9	6.3	46.3
215	44.7	27.2	67.2





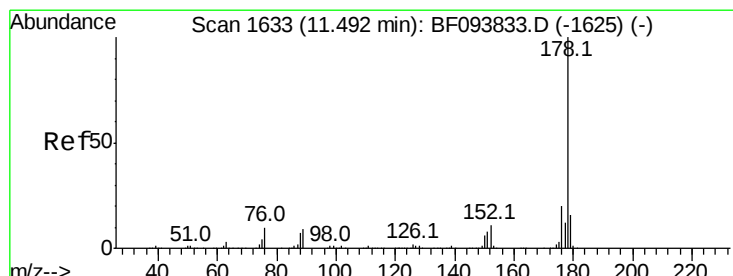
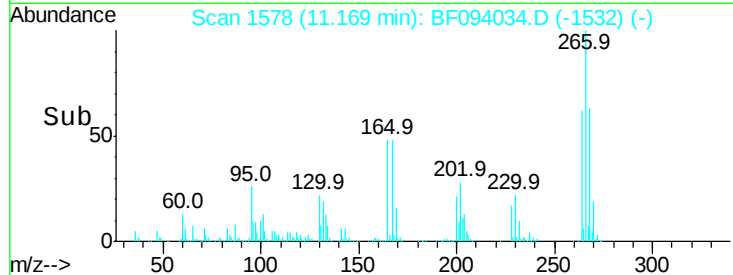
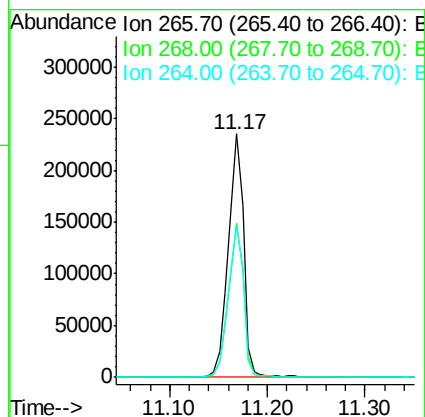
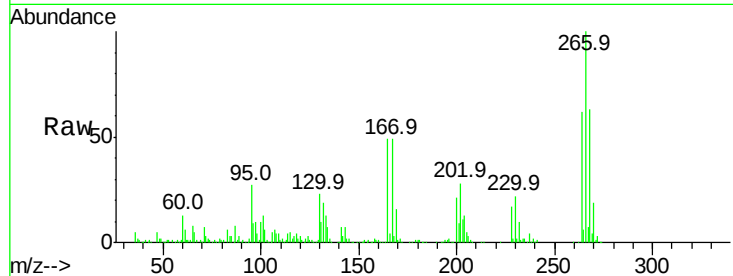
#69
 Pentachlorophenol
 Concen: 83.76 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	258599		
268	63.0		51.1	76.7
264	62.3		51.7	77.5

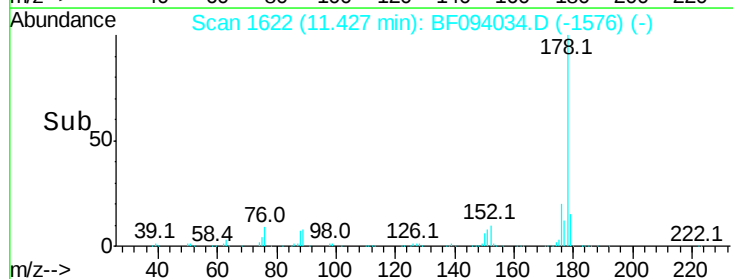
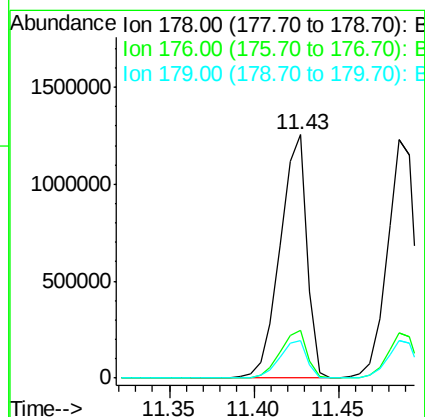
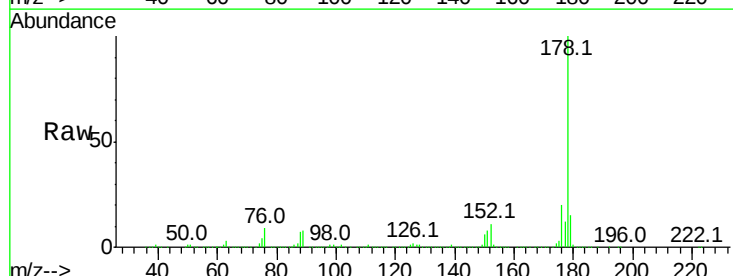
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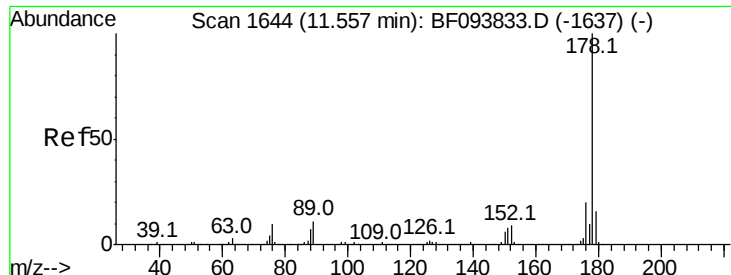
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#70
 Phenanthrene
 Concen: 50.00 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1385668		
176	19.8		16.2	24.4
179	15.4		12.6	19.0





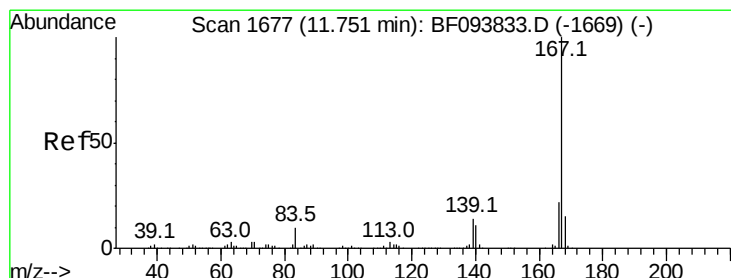
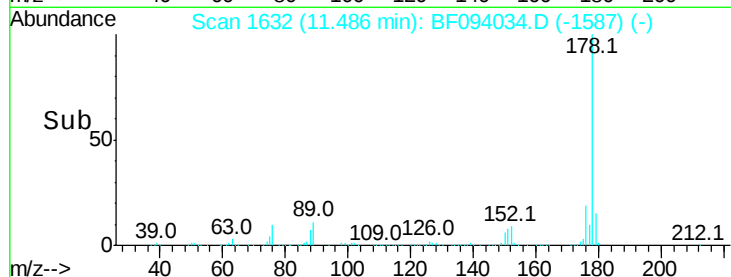
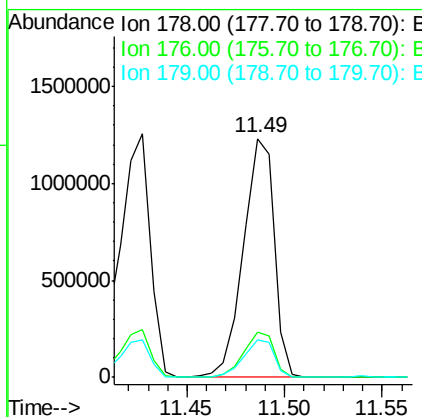
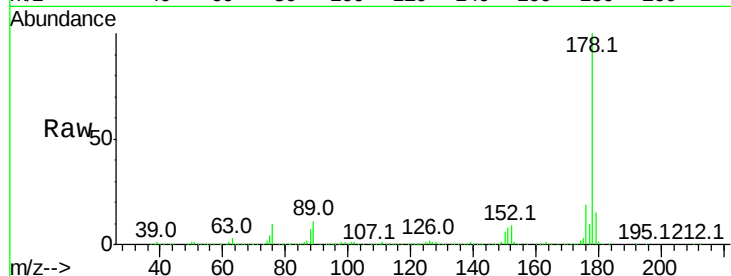
#71
 Anthracene
 Concen: 47.27 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.04 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.5	12.7	19.1

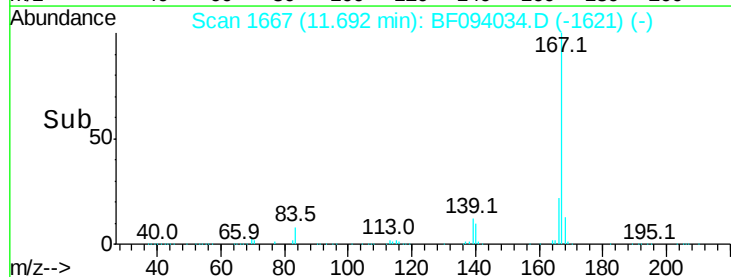
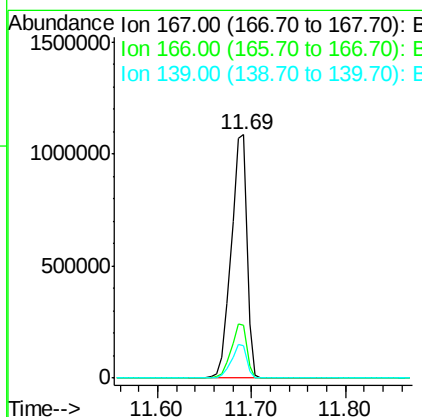
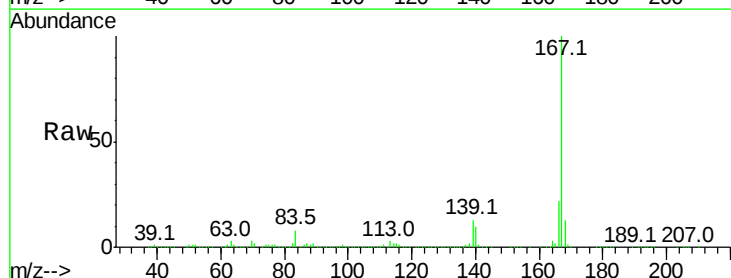
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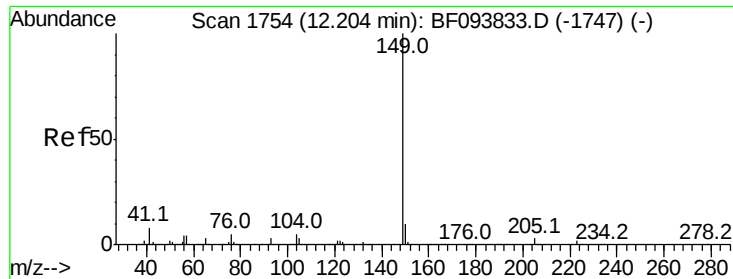
mohammad
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#72
 Carbazole
 Concen: 43.21 ng
 RT: 11.69 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 50.36 ng

RT: 12.14 min Scan# 1743

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

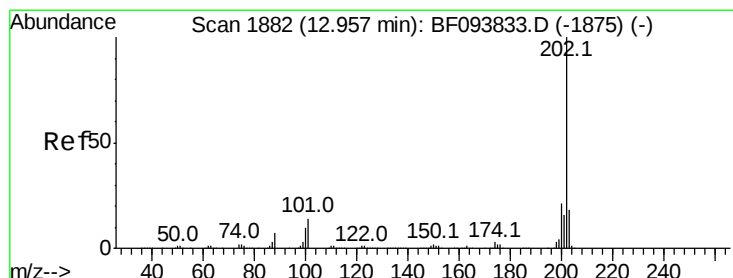
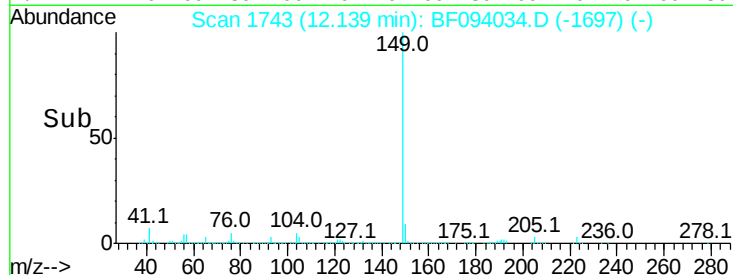
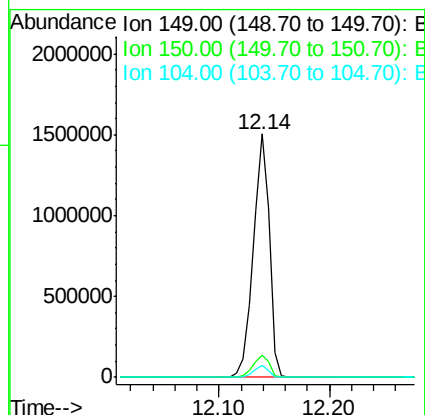
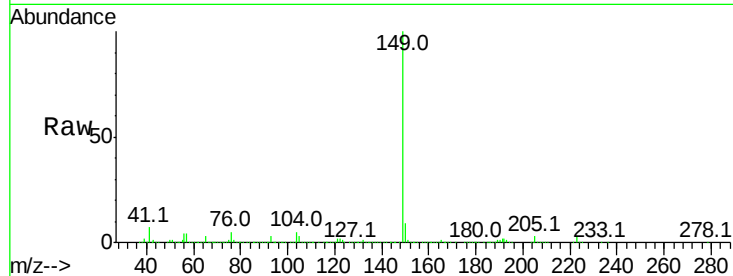
ClientSampleId :

E2-T11-BAEMSD

Tot Ion:	149	Resp:	1532652
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.7	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 47.04 ng

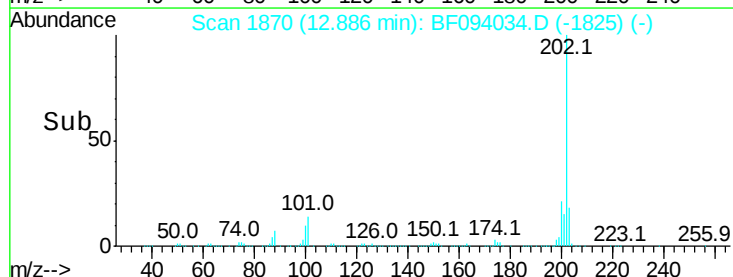
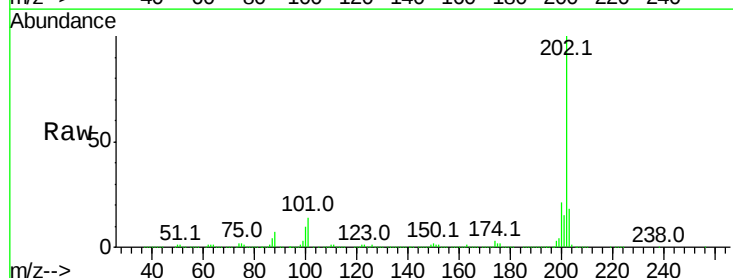
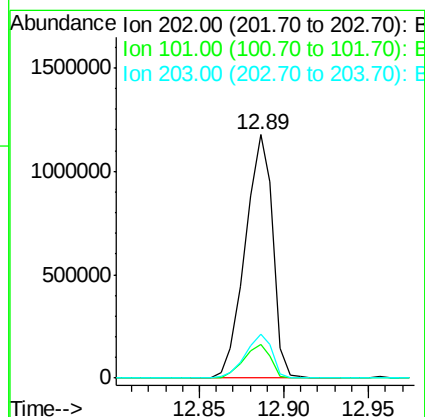
RT: 12.89 min Scan# 1870

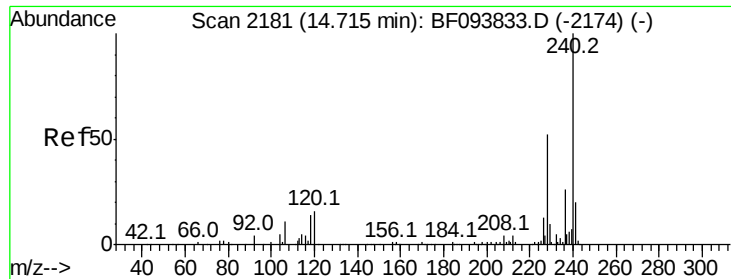
Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Tgt Ion:	202	Resp:	1335013
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

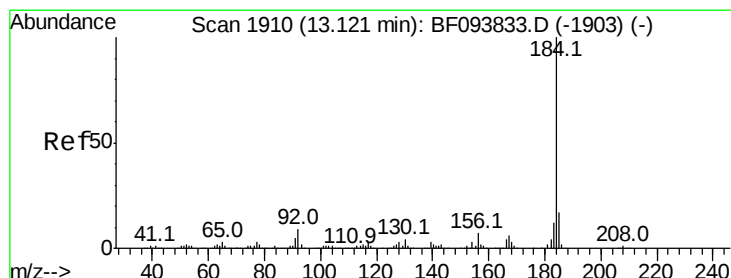
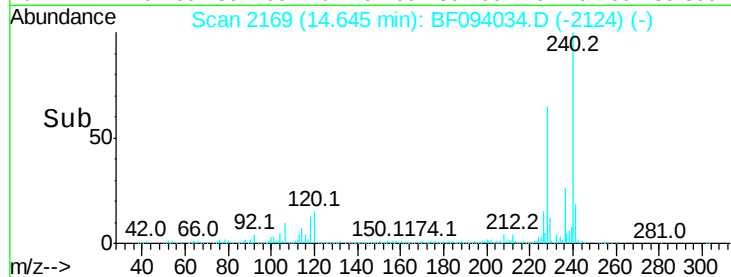
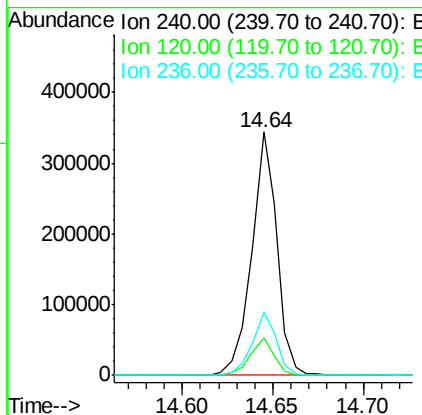
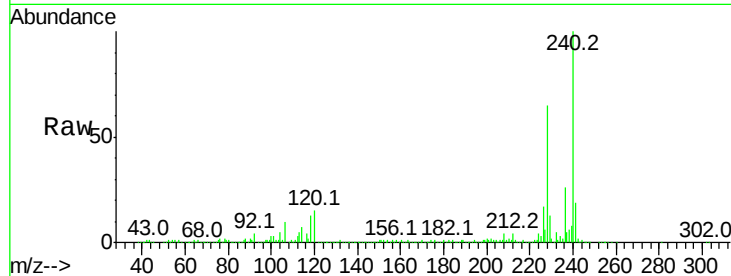
ClientSampleId :

E2-T11-BAEMSD

Tot Ion:	240	Resp:	330745
Ion Ratio	Lower	Upper	
240	100		
120	15.2	5.8	8.8#
236	25.8	20.5	30.7

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#76

Benzidine

Concen: 3.03 ng

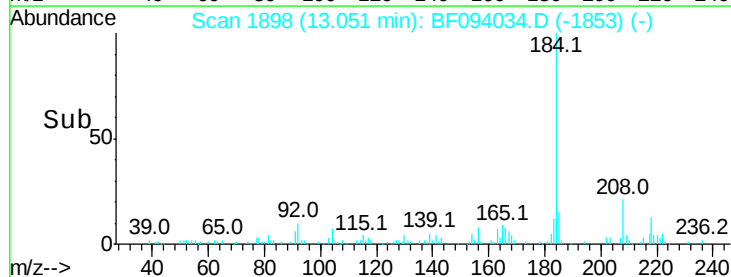
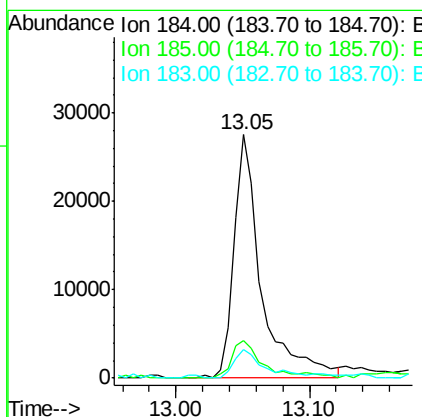
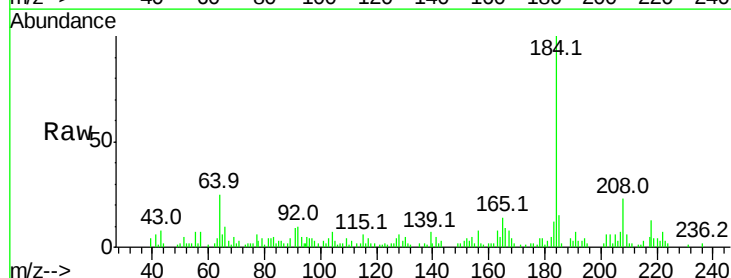
RT: 13.05 min Scan# 1898

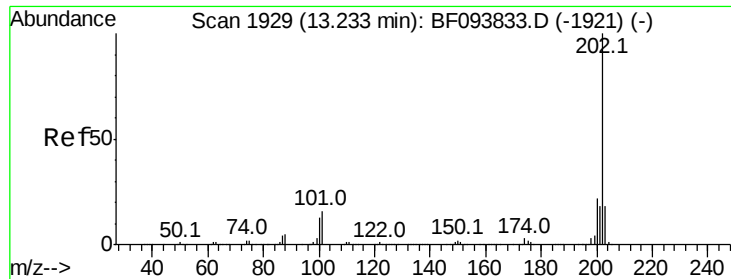
Delta R.T. -0.04 min

Lab File: BF094034.D

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Tgt Ion:	184	Resp:	39666
Ion Ratio	Lower	Upper	
184	100		
185	15.4	15.5	23.3#
183	12.0	9.8	14.6





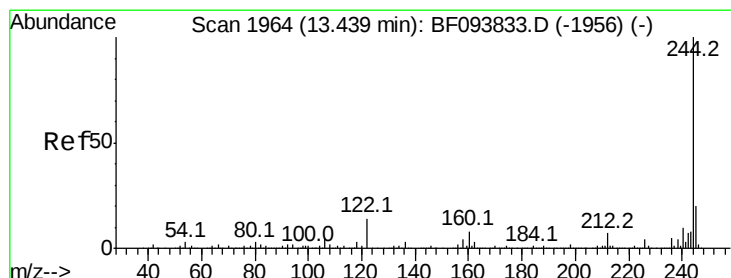
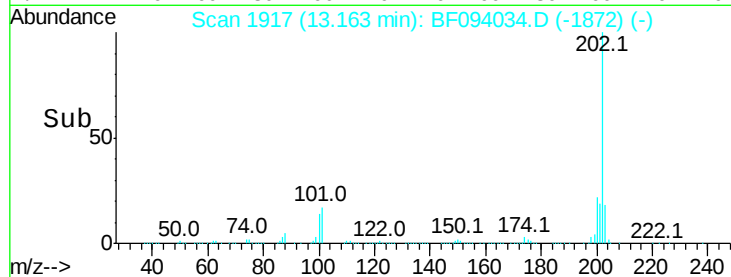
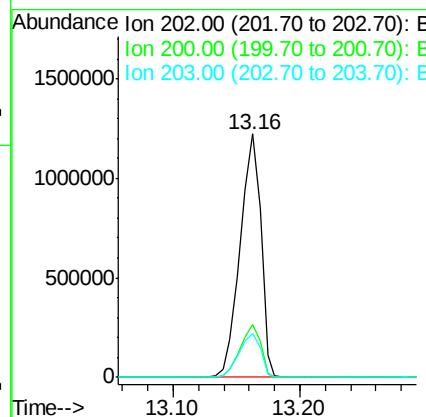
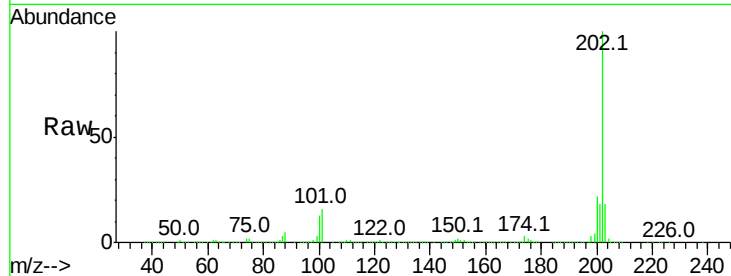
#77
Pvrene
Concen: 57.19 ng
RT: 13.16 min Scan# 1917
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.1	14.4	21.6

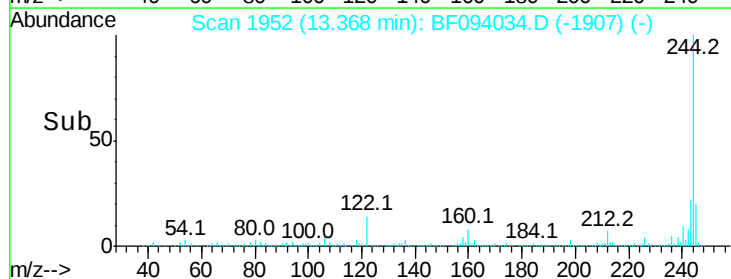
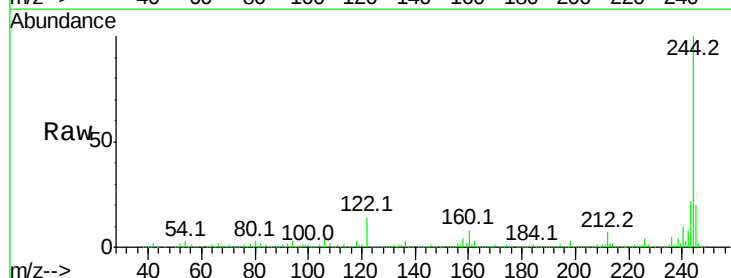
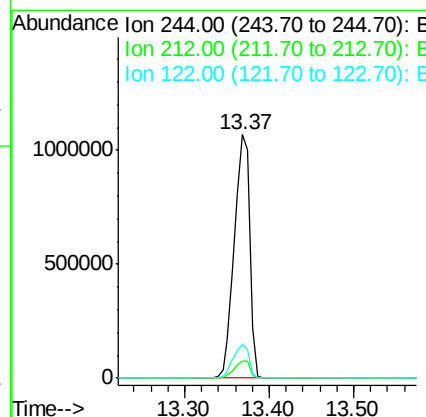
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#78
Terphenyl-d14
Concen: 90.71 ng
RT: 13.37 min Scan# 1952
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.8	10.3	15.5





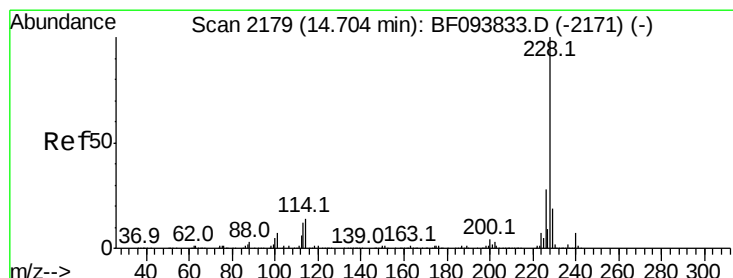
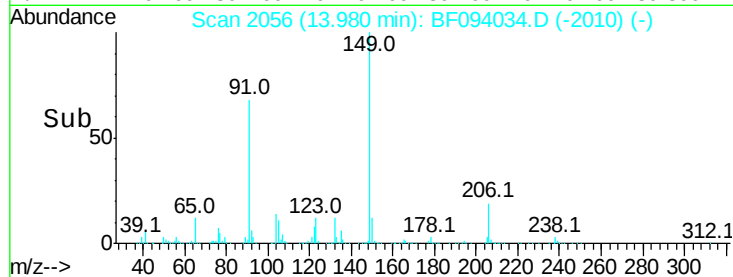
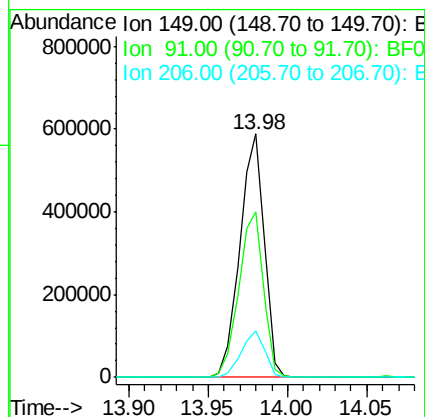
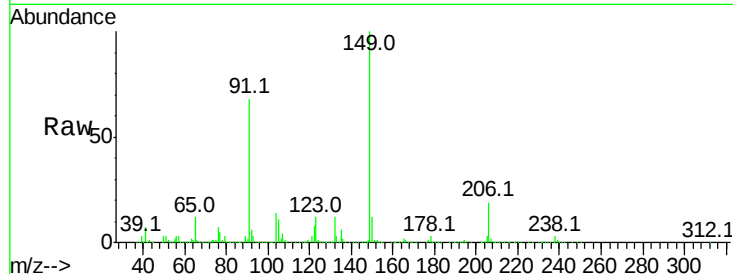
#79
Butylbenzylphthalate
Concen: 60.79 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	45.0	67.4#
206	19.0	17.0	25.6

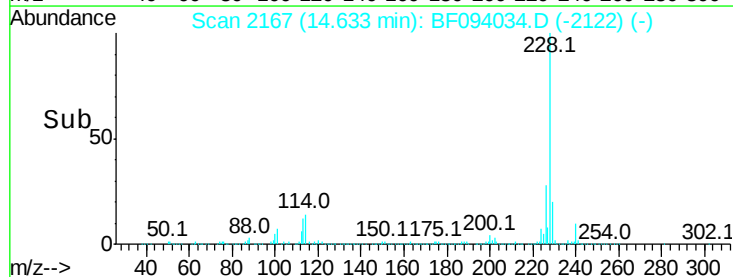
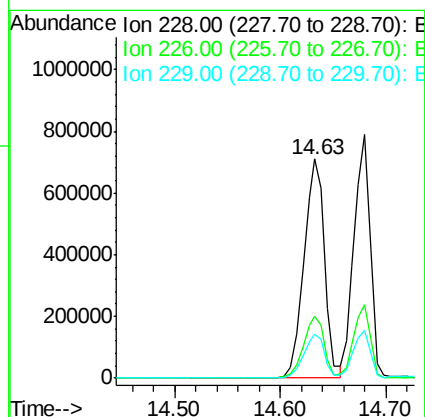
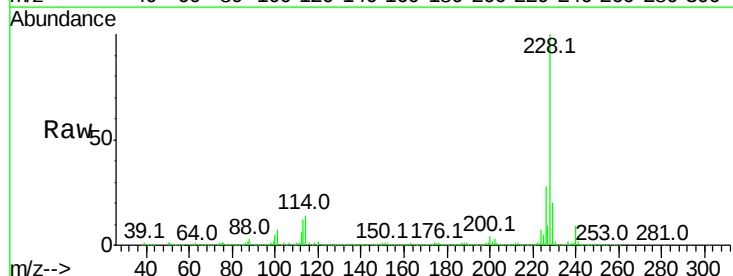
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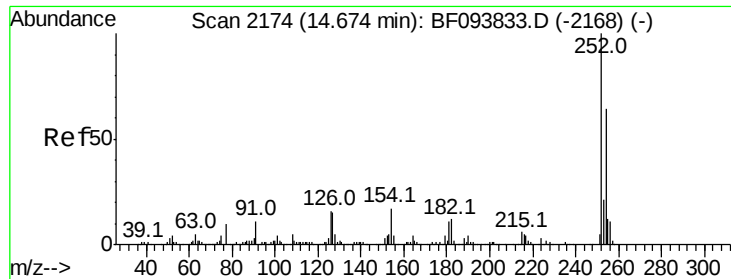
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#80
Benzo(a)anthracene
Concen: 50.37 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.1	16.3	24.5





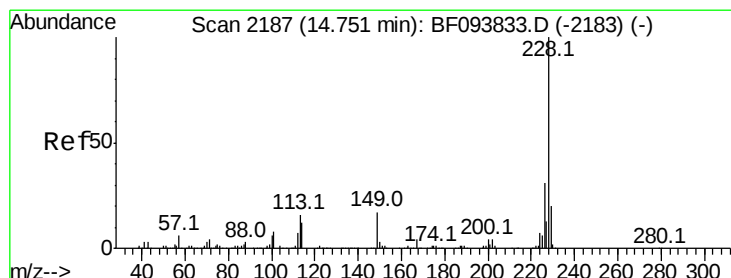
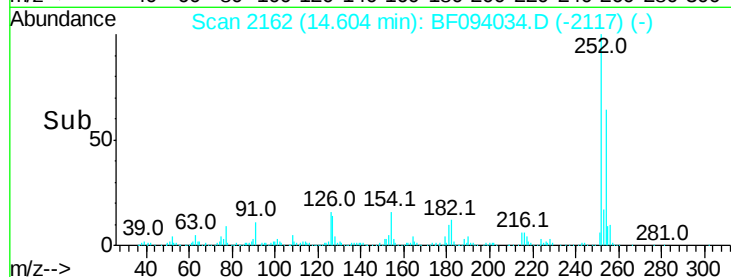
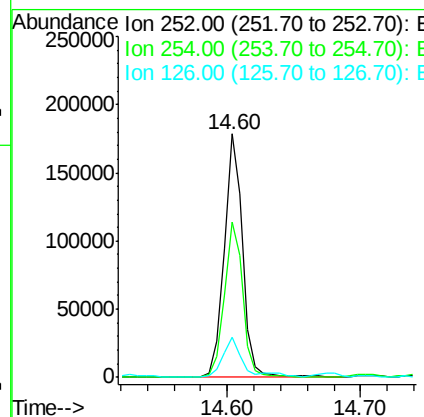
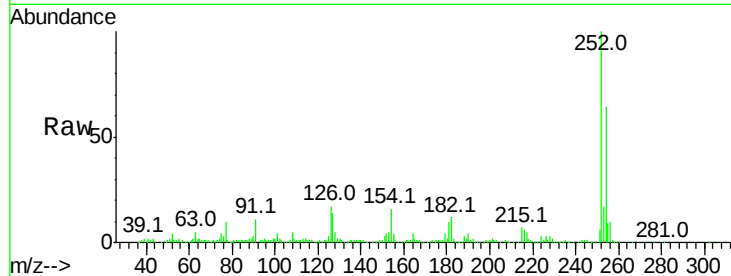
#81
 3,3'-Dichlorobenzidine
 Concen: 25.28 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	174251		
254	63.7	51.5	77.3	
126	16.5	15.8	23.8	

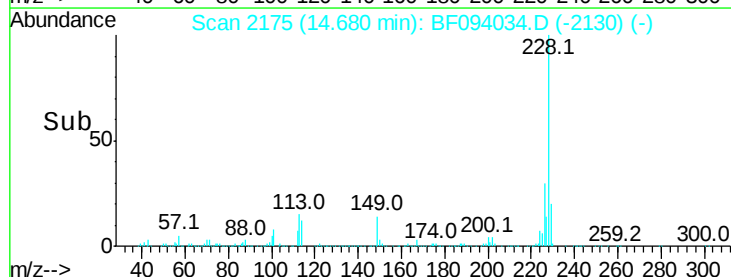
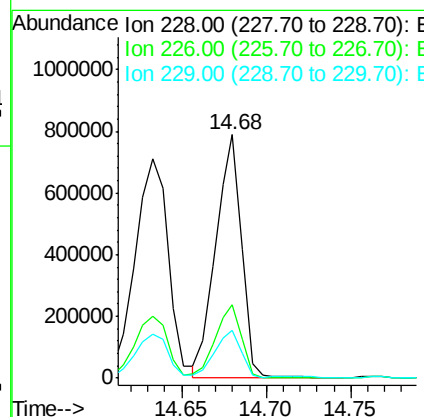
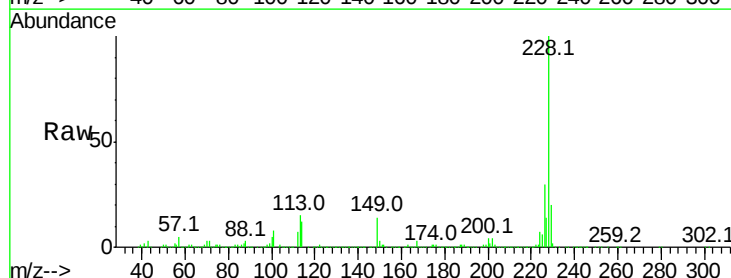
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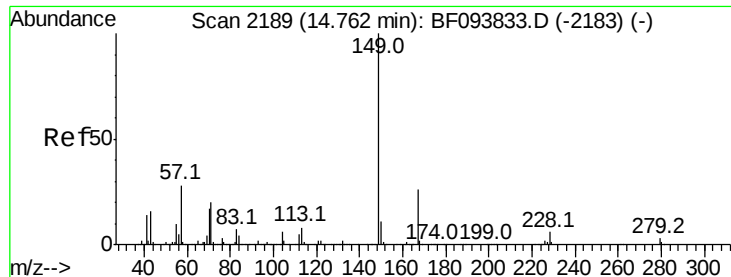
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#82
 Chrysene
 Concen: 46.85 ng
 RT: 14.68 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	838494		
226	30.3	24.9	37.3	
229	19.8	15.8	23.6	





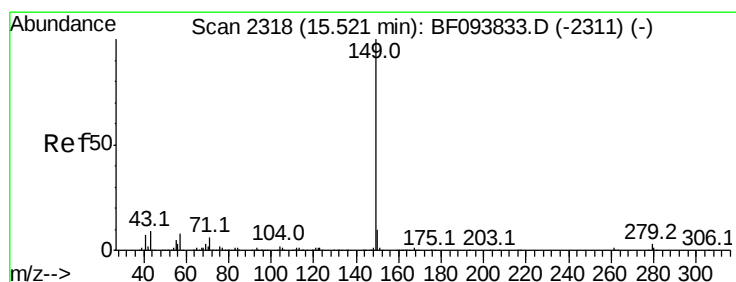
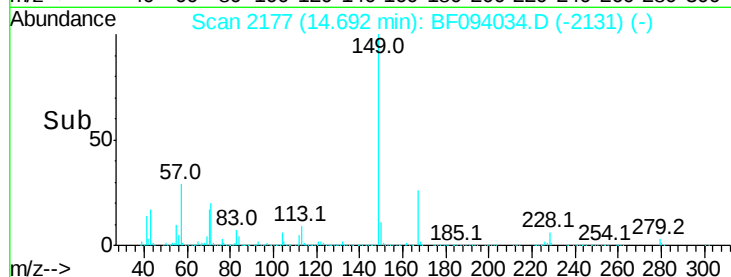
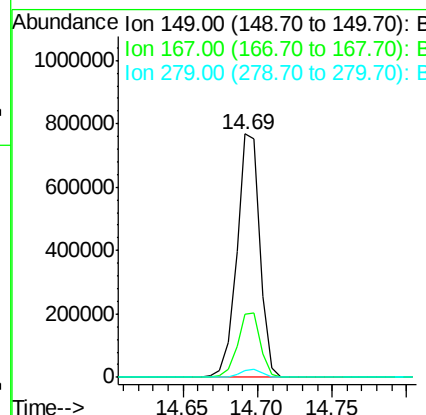
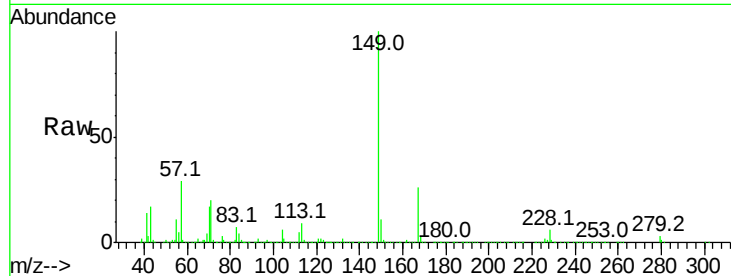
#83
Bis(2-ethylhexyl)phthalate
Concen: 59.17 ng
RT: 14.69 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	825605		
167	26.2		21.0	31.4
279	2.7		1.9	2.9

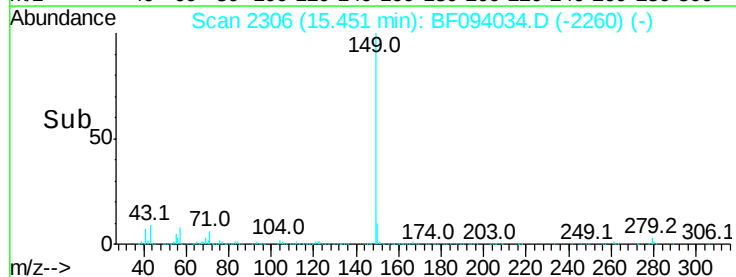
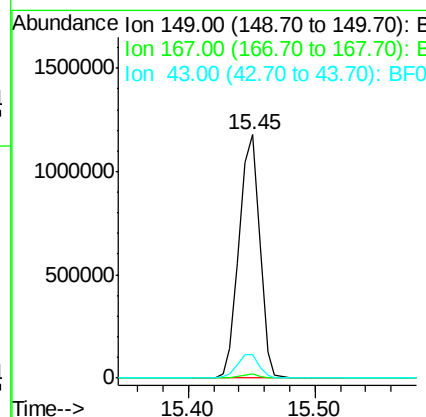
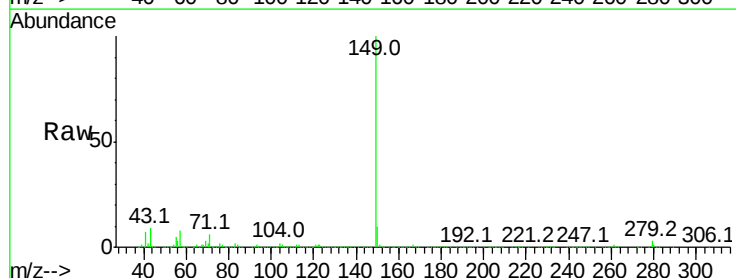
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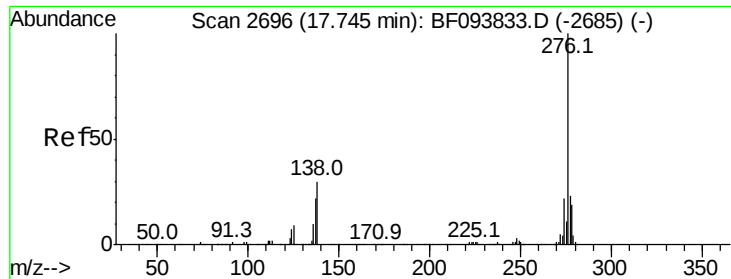
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#84
Di-n-octyl phthalate
Concen: 56.68 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1321140		
167	1.5		1.2	1.8
43	9.7		8.5	12.7





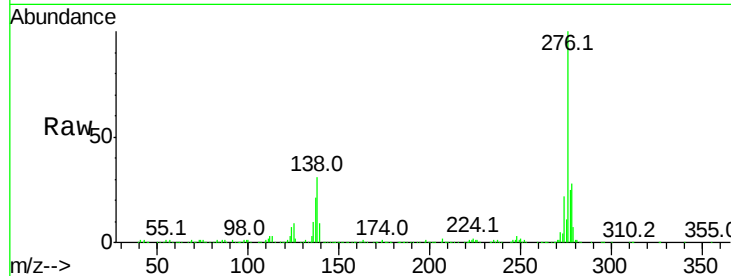
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.25 ng
 RT: 17.64 min Scan# 2678
 Delta R.T. -0.05 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

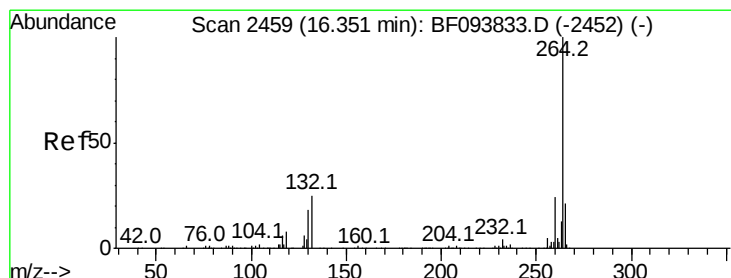
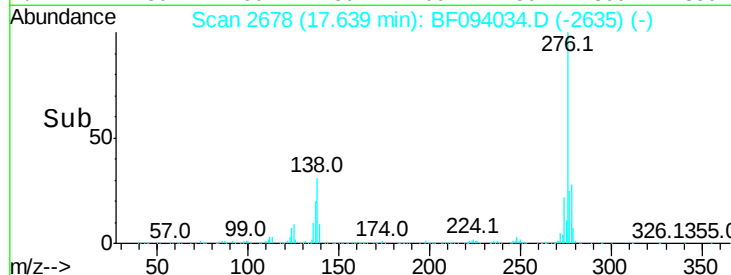
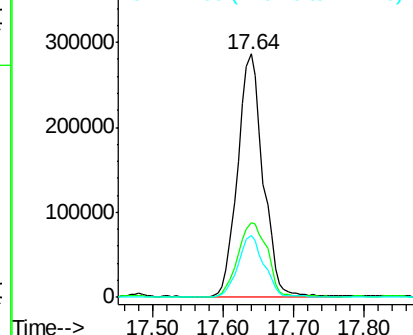
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.7	20.2	30.4

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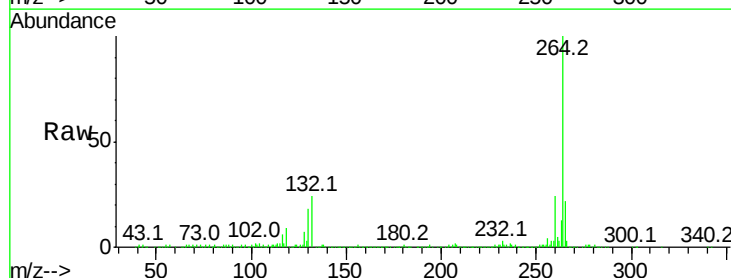


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

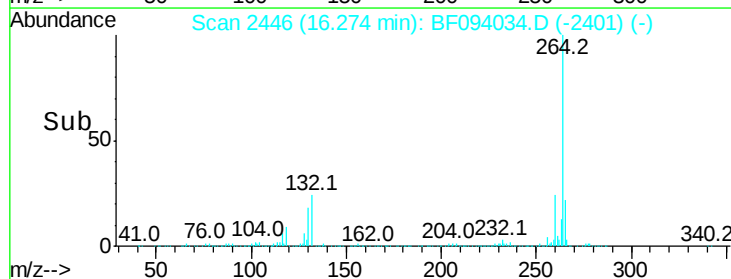
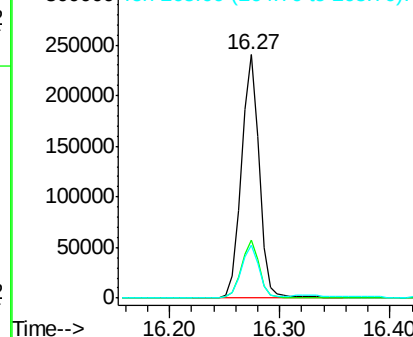


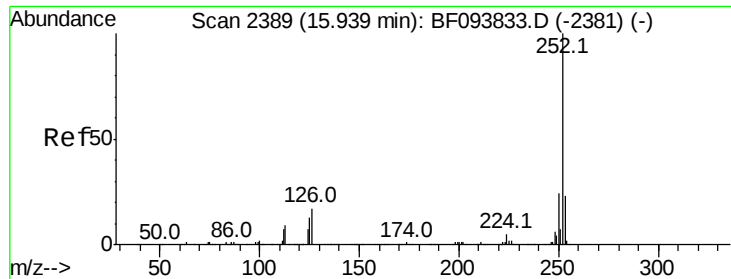
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





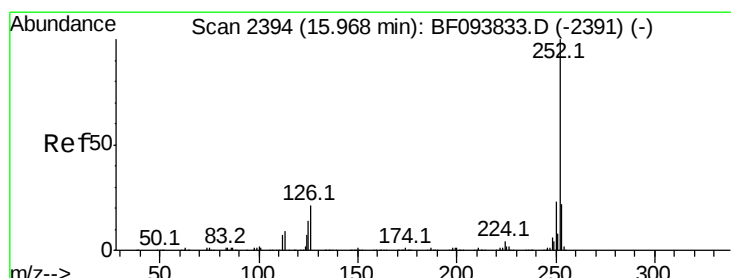
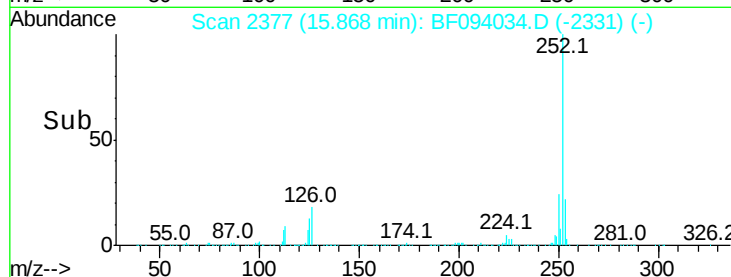
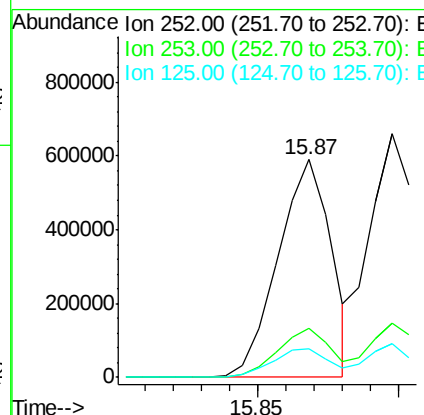
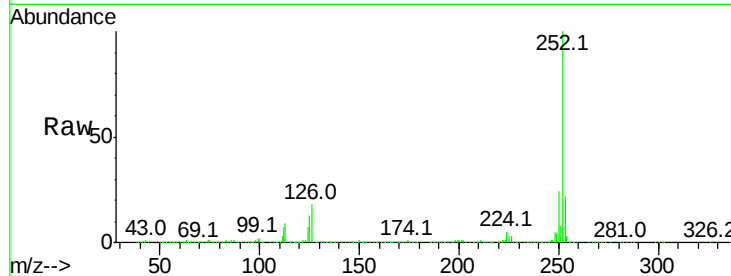
#87
Benzo(b)fluoranthene
Concen: 45.77 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.4	9.8	14.8

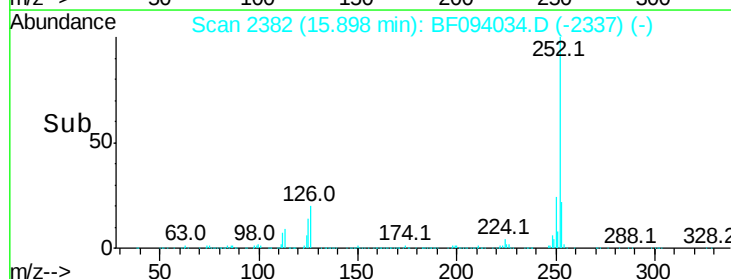
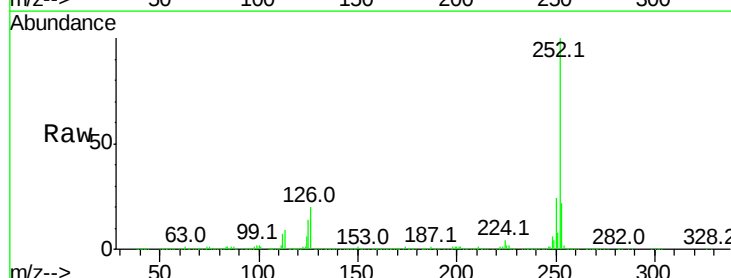
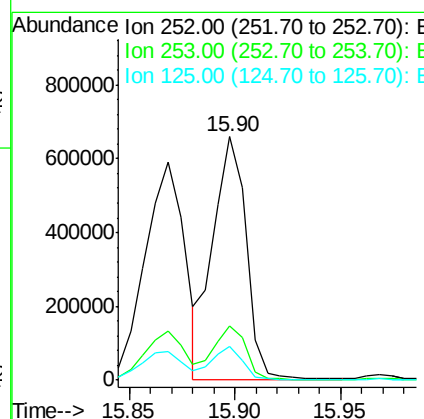
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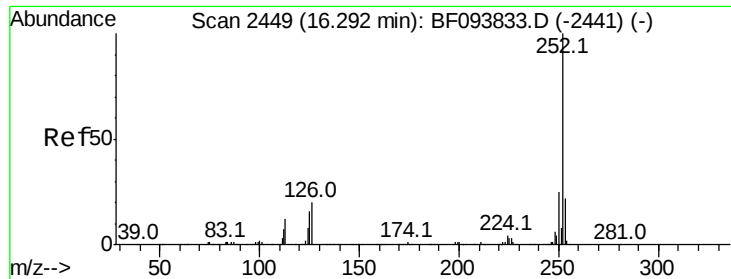
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#88
Benzo(k)fluoranthene
Concen: 44.09 ng
RT: 15.90 min Scan# 2382
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.6	13.1	19.7





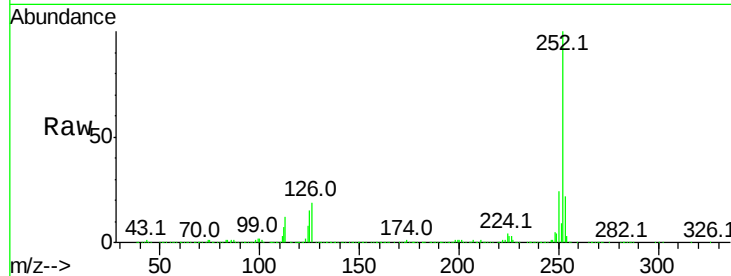
#89
Benzo(a)pyrene
Concen: 45.99 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

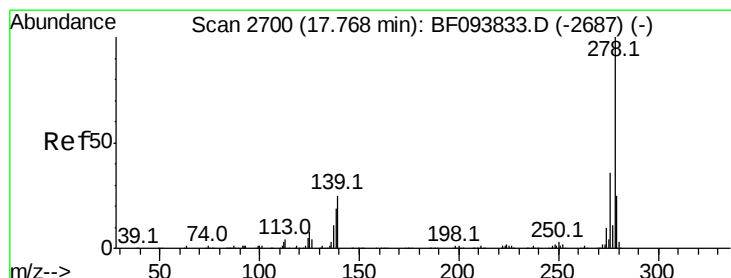
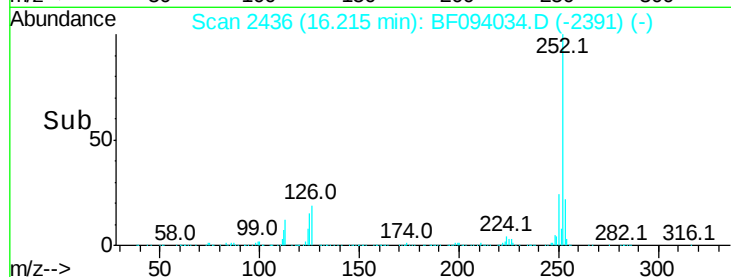
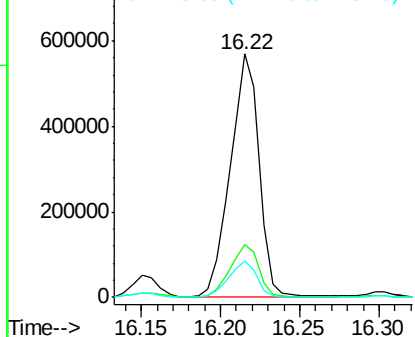
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.8	11.0	16.4

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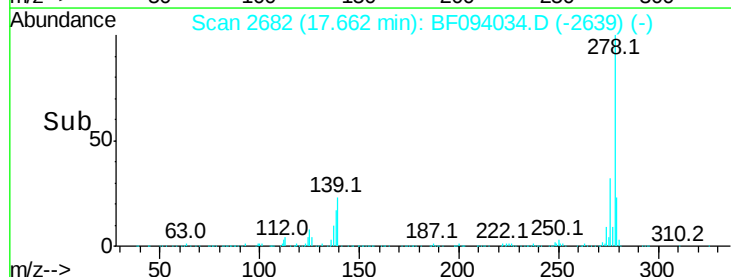
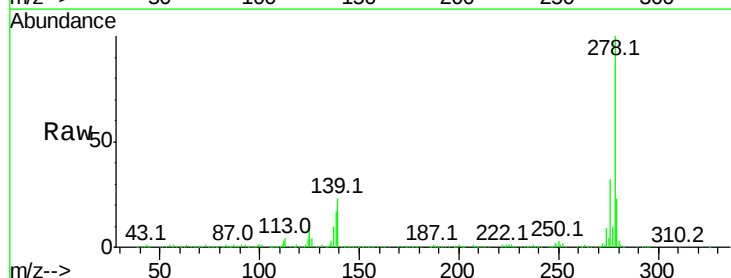
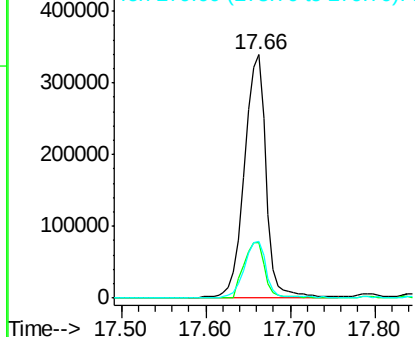
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

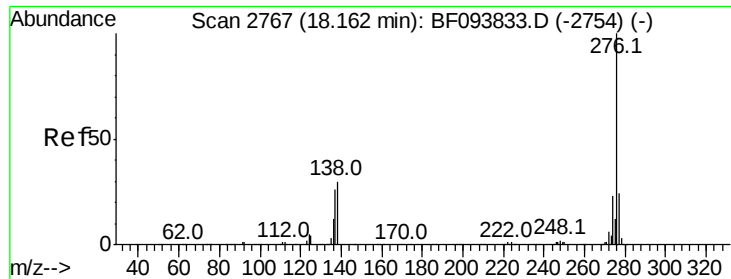


#90
Dibenzo(a,h)anthracene
Concen: 45.79 ng
RT: 17.66 min Scan# 2682
Delta R.T. -0.05 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.6	24.8
279	23.3	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.40 ng
 RT: 18.04 min Scan# 2746
 Delta R.T. -0.06 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	18.6	28.0
138	31.2	25.4	38.0

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