

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094033.D
 Acq On : 29 Mar 2017 22:02
 Operator : SJ/MA
 Sample : I2431-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:32:53 PM

Quant Time: Mar 30 04:12:49 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	164519	20.00	ng	-0.03
21) Naphthalene-d8	7.42	136	660856	20.00	ng	-0.04
38) Acenaphthene-d10	9.57	164	291770	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	492169	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	333029	20.00	ng	-0.04
86) Perylene-d12	16.27	264	272667	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1071833	110.04	ng	-0.02
7) Phenol-d6	5.53	99	1440398	119.54	ng	-0.02
23) Nitrobenzene-d5	6.57	82	958247	82.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	253904	110.12	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1620170	84.70	ng	-0.03
78) Terphenyl-d14	13.37	244	1164708	78.39	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	153580	32.82	ng	97
3) Pyridine	2.80	79	422918	33.16	ng	99
4) n-Nitrosodimethylamine	2.77	42	206234	39.30	ng	91
6) Aniline	5.55	93	210696	12.57	ng	# 28
8) 2-Chlorophenol	5.69	128	433050	40.45	ng	95
9) Benzaldehyde	5.41	77	120289	14.78	ng	98
10) Phenol	5.54	94	519217	37.86	ng	99
11) bis(2-Chloroethyl)ether	5.63	93	429340	40.07	ng	97
12) 1,3-Dichlorobenzene	5.86	146	482607	40.19	ng	98
13) 1,4-Dichlorobenzene	5.94	146	485210	39.89	ng	97
14) 1,2-Dichlorobenzene	6.12	146	455247	40.64	ng	97
15) Benzyl Alcohol	6.09	79	384240	43.57	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.25	45	607480	36.79	ng	97
17) 2-Methylphenol	6.23	107	332106	36.22	ng	98
18) Hexachloroethane	6.51	117	170244	39.82	ng	# 85
19) n-Nitroso-di-n-propylamine	6.41	70	310839	40.14	ng	98
20) 3+4-Methylphenols	6.41	107	430410	38.76	ng	# 63
22) Acetophenone	6.39	105	666414	45.25	ng	# 87
24) Nitrobenzene	6.59	77	464989	40.71	ng	96
25) Isophorone	6.88	82	836492	41.11	ng	96
26) 2-Nitrophenol	6.97	139	255980	47.00	ng	98
27) 2,4-Dimethylphenol	7.03	122	327224	34.87	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	546290	40.71	ng	99
29) 2,4-Dichlorophenol	7.26	162	375567	42.80	ng	98
30) 1,2,4-Trichlorobenzene	7.36	180	375923	41.60	ng	98
31) Naphthalene	7.45	128	1300692	40.93	ng	100
32) Benzoic acid	7.16	122	90617	14.50	ng	94
33) 4-Chloroaniline	7.52	127	149914	11.64	ng	# 93
34) Hexachlorobutadiene	7.61	225	188851	40.75	ng	99
35) Caprolactam	7.96	113	128026m	45.75	ng	
36) 4-Chloro-3-methylphenol	8.13	107	387880	42.30	ng	91
37) 2-Methylnaphthalene	8.29	142	897050	42.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	325418	40.77	ng	99
40) Hexachlorocyclopentadiene	8.49	237	257937	69.06	ng	99

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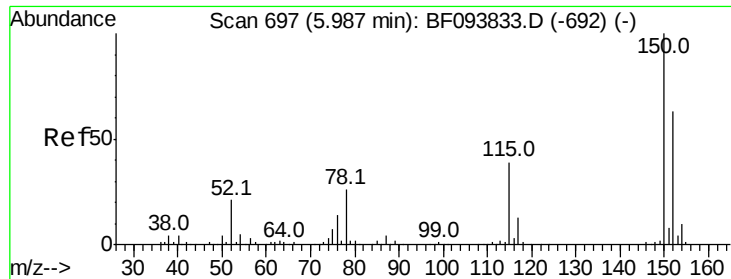
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	248749	44.05	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	253552	41.50	nq	93
45) 1,1'-Biphenyl	8.87	154	980172	41.65	nq	98
46) 2-Chloronaphthalene	8.89	162	769144	41.75	nq	95
47) 2-Nitroaniline	9.02	65	228417	41.80	nq	# 82
48) Acenaphthylene	9.40	152	1216722	39.74	nq	98
49) Dimethylphthalate	9.26	163	967683	46.66	nq	100
50) 2,6-Dinitrotoluene	9.32	165	203221	42.74	nq	92
51) Acenaphthene	9.61	154	714444	39.99	nq	99
52) 3-Nitroaniline	9.52	138	135463	24.26	nq	84
53) 2,4-Dinitrophenol	9.65	184	112180	46.18	nq	# 73
54) Dibenzofuran	9.82	168	1028716	42.30	nq	99
55) 4-Nitrophenol	9.76	139	322747	73.82	nq	# 68
56) 2,4-Dinitrotoluene	9.82	165	249834	41.83	nq	# 76
57) Fluorene	10.25	166	778347	38.59	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	183283	43.72	nq	97
59) Diethylphthalate	10.13	149	861538	42.03	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	335493	39.05	nq	90
61) 4-Nitroaniline	10.28	138	200646	37.45	nq	98
62) Azobenzene	10.45	77	817894	42.18	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	105896	35.13	nq	# 74
65) n-Nitrosodiphenylamine	10.40	169	688048	40.42	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	204295	42.21	nq	94
67) Hexachlorobenzene	10.92	284	204602	41.76	nq	# 91
68) Atrazine	11.07	200	217327	42.63	nq	97
69) Pentachlorophenol	11.17	266	205839	67.49	nq	98
70) Phenanthrene	11.42	178	1171050	42.77	nq	99
71) Anthracene	11.49	178	1135238	40.27	nq	98
72) Carbazole	11.69	167	1056912	36.56	nq	98
73) Di-n-butylphthalate	12.14	149	1289006	42.88	nq	98
74) Fluoranthene	12.89	202	1112550	39.68	nq	99
76) Benzidine	13.05	184	37311	2.83	nq	93
77) Pyrene	13.16	202	1143298	47.30	nq	99
79) Butylbenzylphthalate	13.98	149	514343	49.95	nq	89
80) Benzo(a)anthracene	14.63	228	797859	41.08	nq	100
81) 3,3'-Dichlorobenzidine	14.60	252	145953	21.03	nq	# 96
82) Chrysene	14.67	228	710142	39.41	nq	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	707839	50.38	nq	# 98
84) Di-n-octyl phthalate	15.44	149	1103398	47.01	nq	97
85) Indeno(1,2,3-cd)pyrene	17.63	276	615451	39.43	nq	99
87) Benzo(b)fluoranthene	15.87	252	673122	40.27	nq	98
88) Benzo(k)fluoranthene	15.90	252	577915	35.34	nq	# 95
89) Benzo(a)pyrene	16.22	252	589370	38.29	nq	98
90) Dibenzo(a,h)anthracene	17.66	278	518247	39.76	nq	98
91) Benzo(g,h,i)perylene	18.04	276	500765	38.12	nq	96

(#) = 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: BF094033.D

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Instrument :

BNA_F

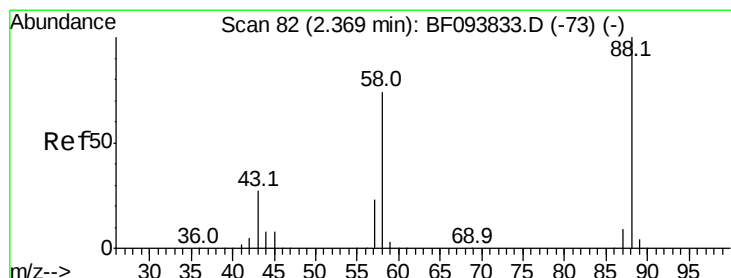
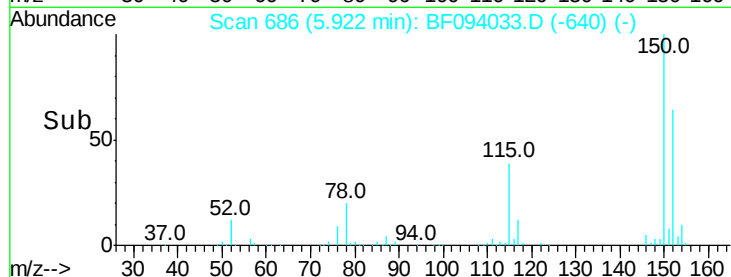
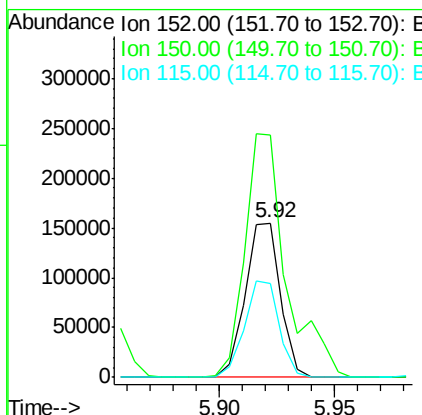
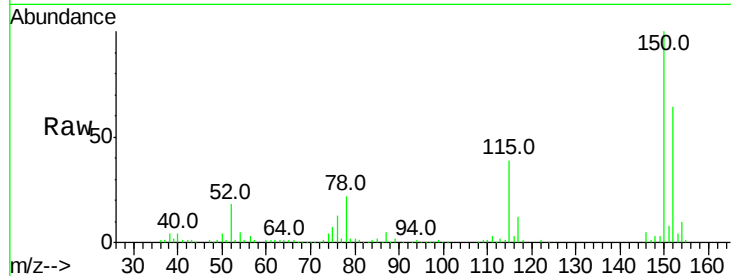
ClientSampleId :

E2-T11-BASEMS

Tot Ion:	152	Resp:	164519
Ion Ratio	Lower	Upper	
152	100		
150	157.1	126.2	189.2
115	61.0	52.2	78.2

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#2

1,4-Dioxane

Concen: 32.82 ng

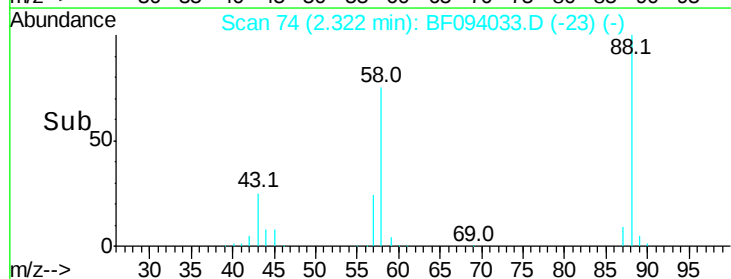
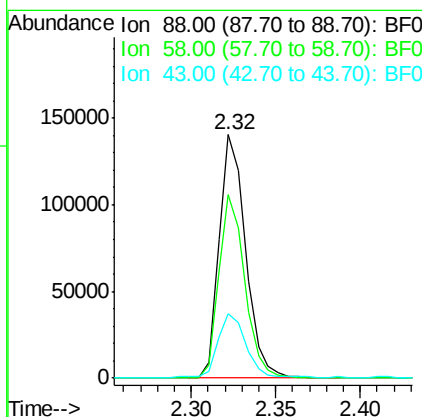
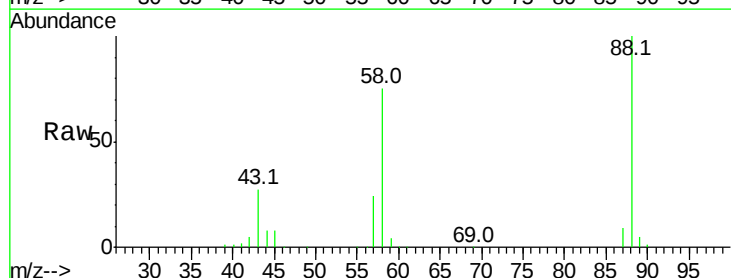
RT: 2.32 min Scan# 74

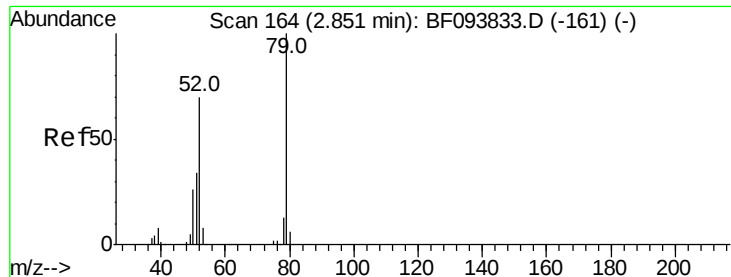
Delta R.T. 0.00 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion:	88	Resp:	153580
Ion Ratio	Lower	Upper	
88	100		
58	73.9	61.4	92.0
43	27.4	23.4	35.0





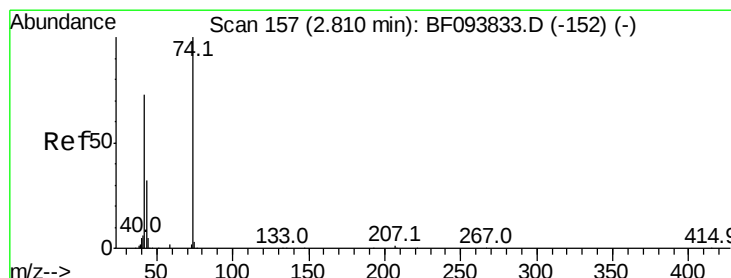
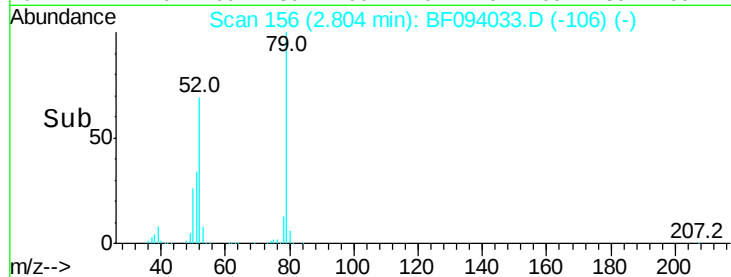
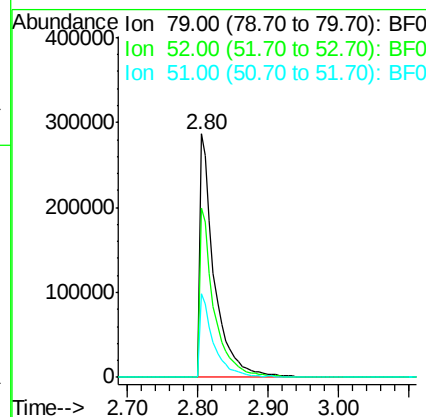
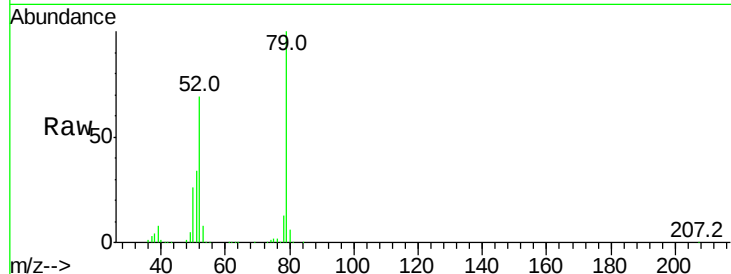
#3
 Pvridine
 Concen: 33.16 ng
 RT: 2.80 min Scan# 156
 Delta R.T. -0.01 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.3	54.8	82.2
51	34.3	27.0	40.4

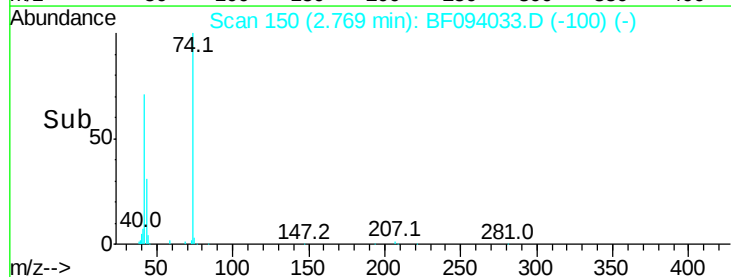
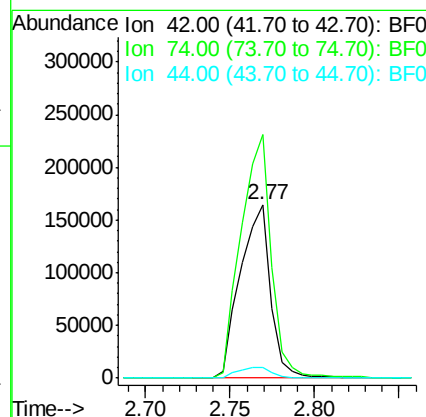
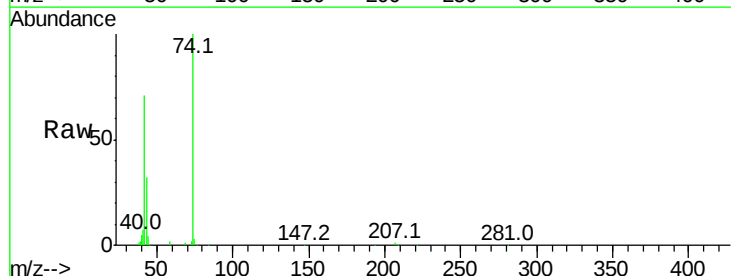
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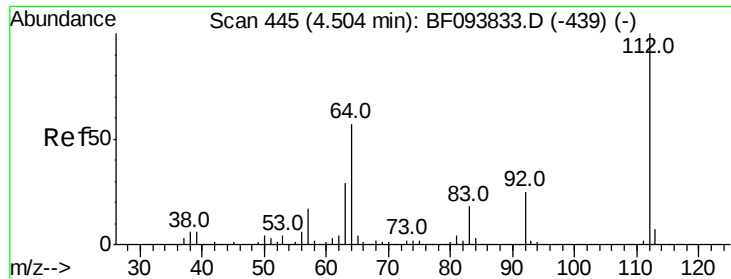
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#4
 n-Nitrosodimethylamine
 Concen: 39.30 ng
 RT: 2.77 min Scan# 150
 Delta R.T. -0.01 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.4	103.9	155.9
44	6.1	5.7	8.5





#5

2-Fluorophenol

Concen: 110.04 ng

RT: 4.46 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMS

Tot Ion: 112 Resp: 1071833

Ion Ratio Lower Upper

112 100

64 56.9 46.0 69.0

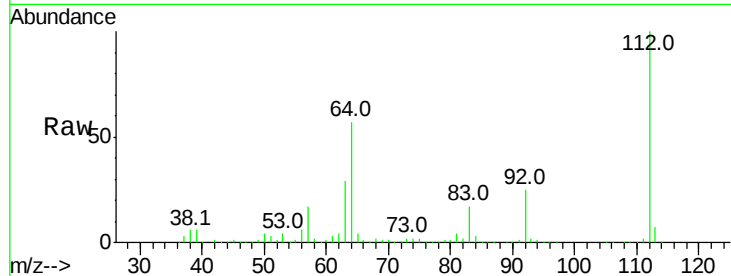
63 28.7 23.4 35.0

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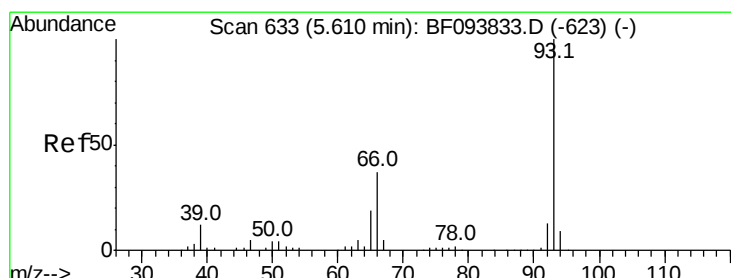
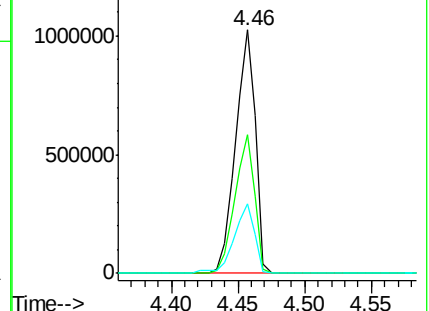
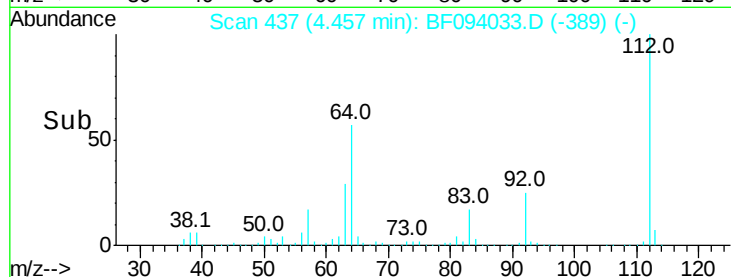
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.57 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

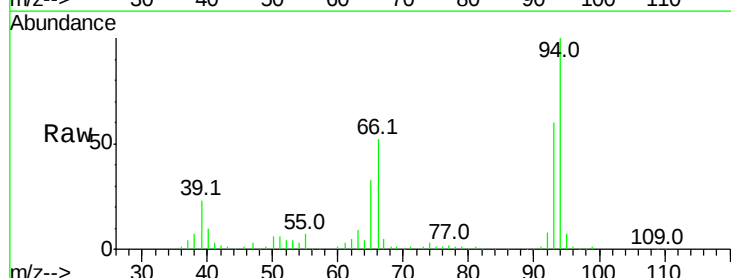
Tgt Ion: 93 Resp: 210696

Ion Ratio Lower Upper

93 100

66 85.4 32.9 49.3#

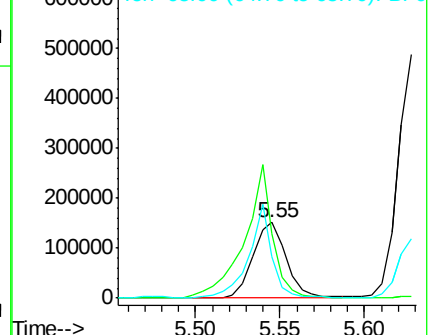
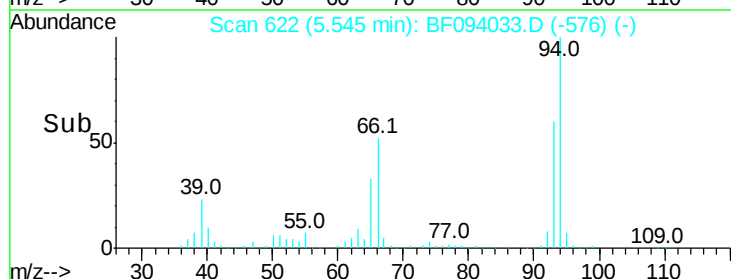
65 54.1 16.0 24.0#

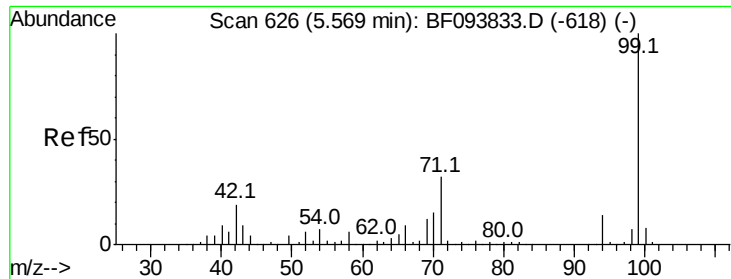


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.54 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMS

Tot Ion: 99 Resp: 1440398

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

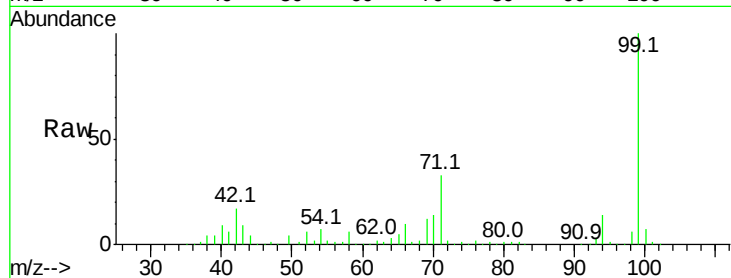
71 33.5 24.5 36.7

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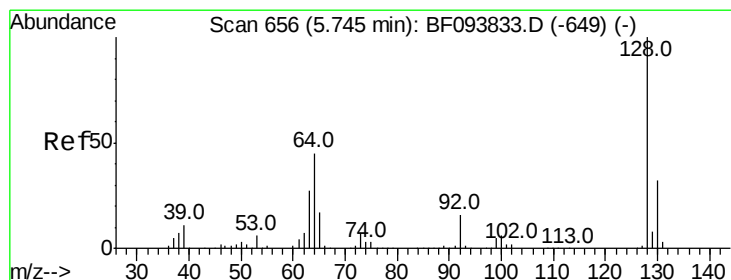
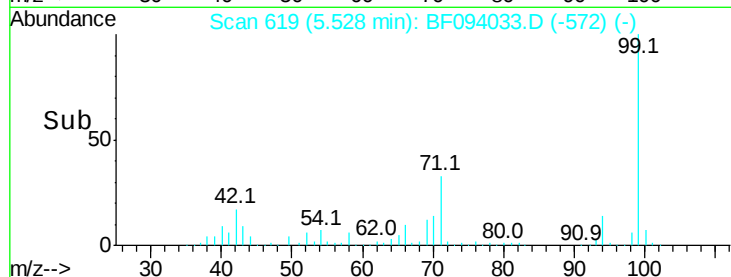
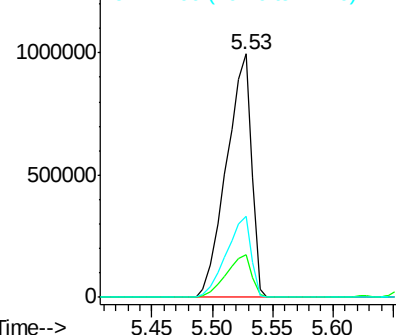
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.45 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

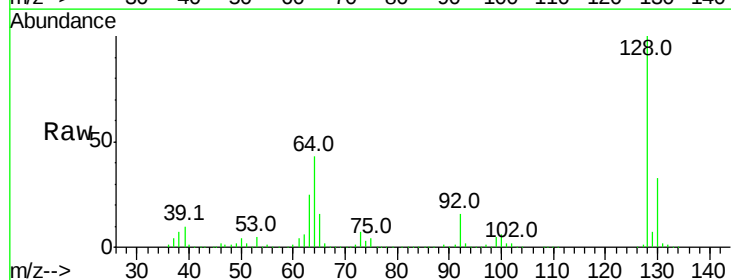
Tgt Ion:128 Resp: 433050

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

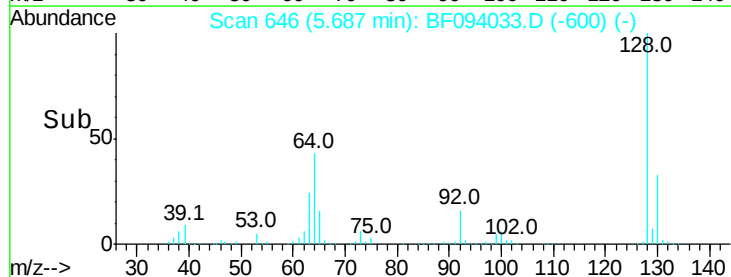
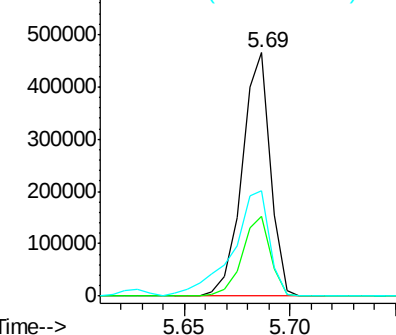
64 43.0 28.4 68.4

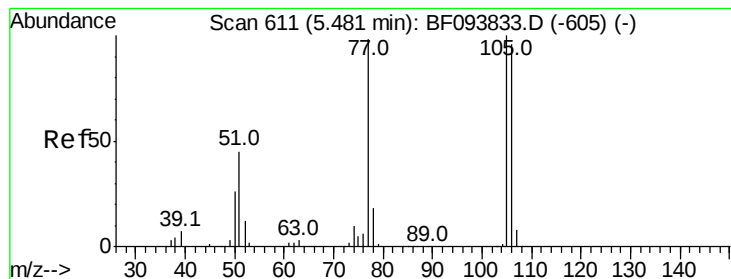


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.78 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMS

Tot Ion: 77 Resp: 120289

Ion Ratio Lower Upper

77 100

105 102.2 83.8 123.8

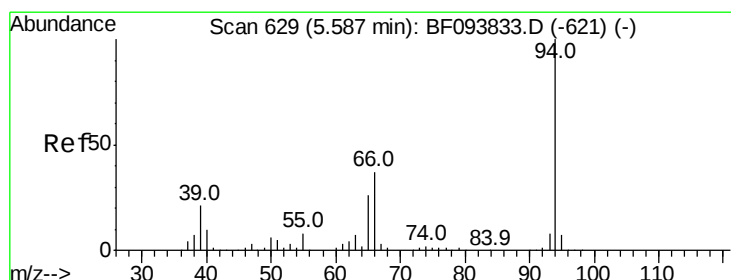
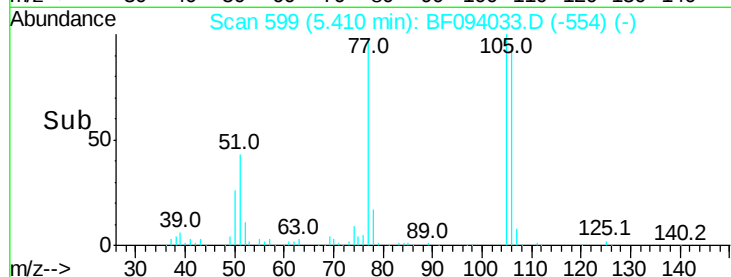
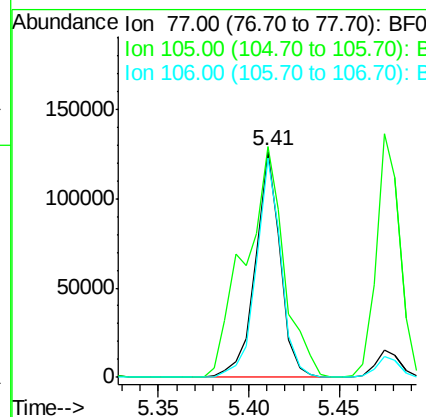
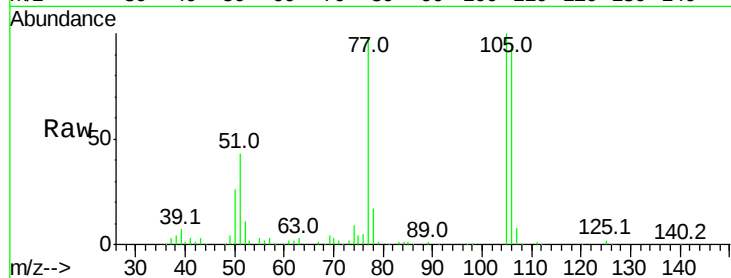
106 96.8 79.1 119.1

Manual Integrations

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#10

Phenol

Concen: 37.86 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

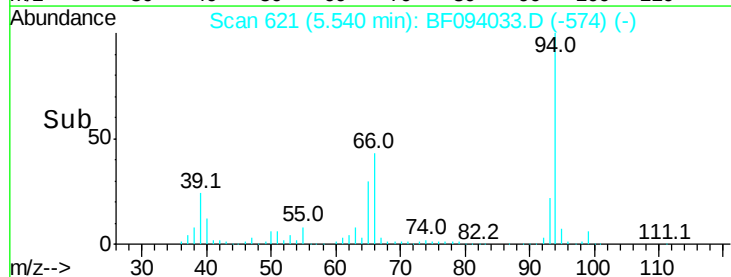
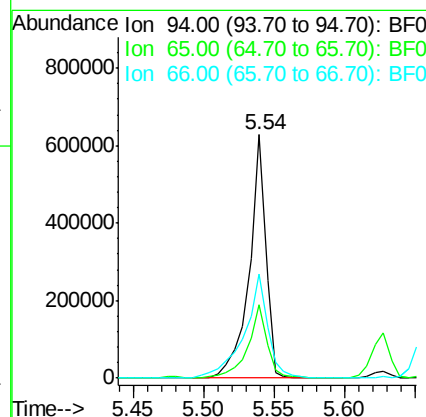
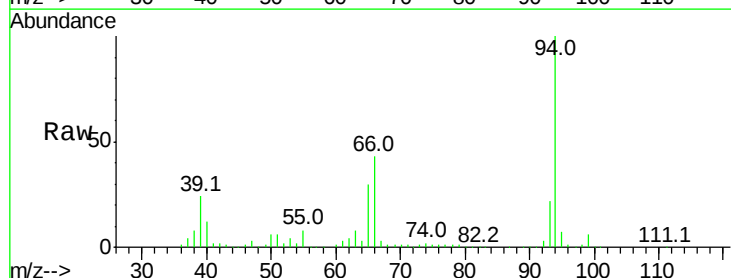
Tgt Ion: 94 Resp: 519217

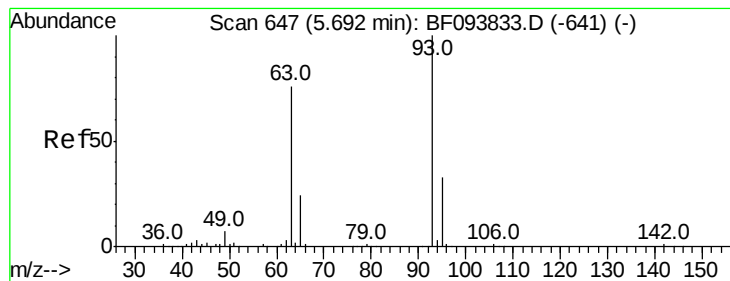
Ion Ratio Lower Upper

94 100

65 29.9 9.9 49.9

66 42.5 23.1 63.1





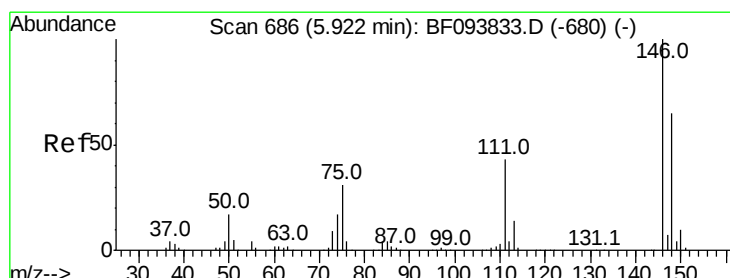
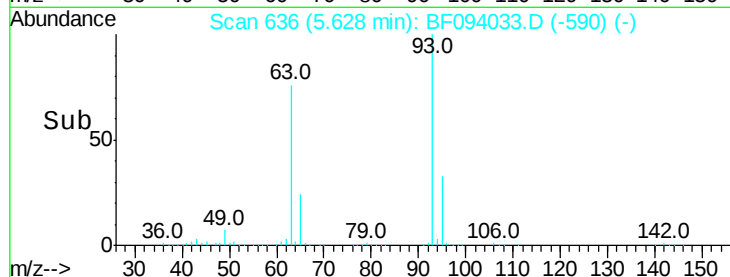
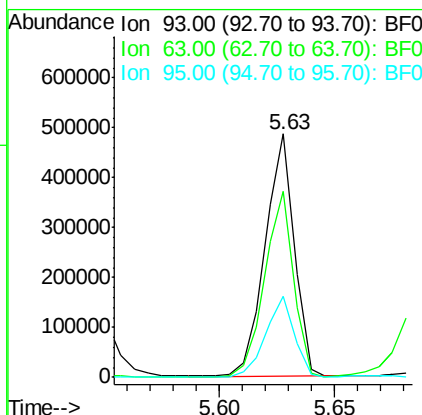
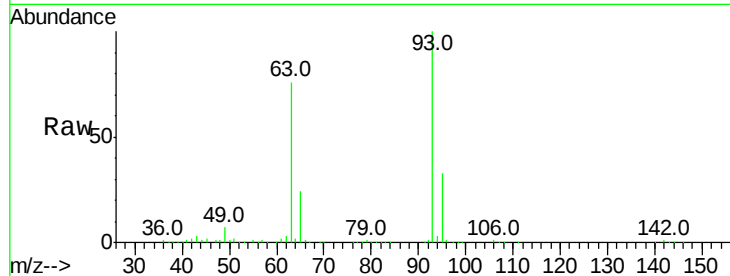
#11
bis(2-Chloroethyl)ether
Concen: 40.07 ng
RT: 5.63 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMS

Tot Ion	93	Resp	429340
Ion Ratio	100	Lower	Upper
93	100		
63	76.3	59.2	99.2
95	33.3	12.8	52.8

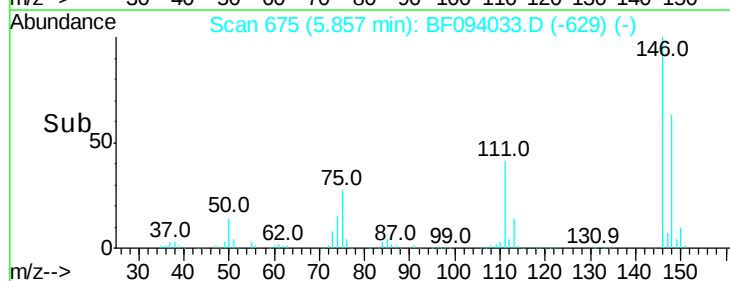
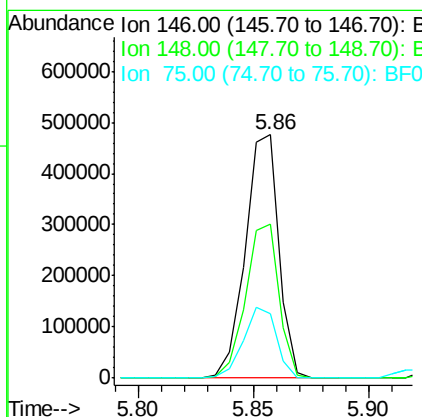
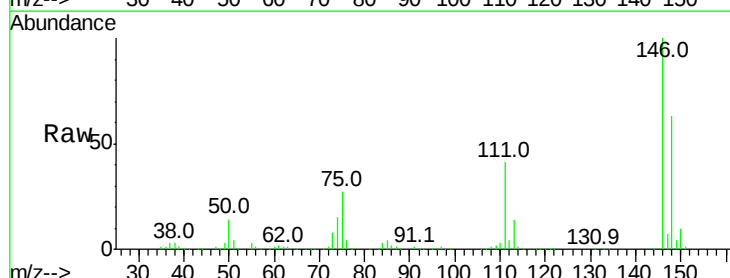
Manual Integrations
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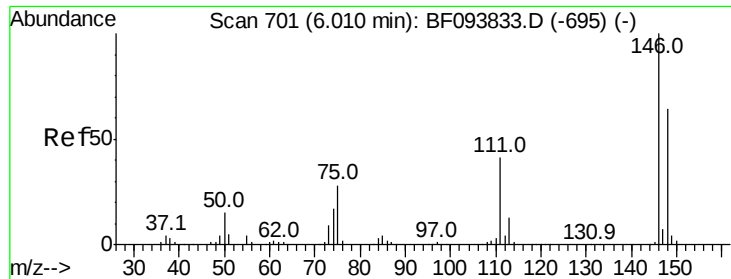
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.19 ng
RT: 5.86 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	146	Resp	482607
Ion Ratio	100	Lower	Upper
146	100		
148	63.5	51.8	77.6
75	26.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.89 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

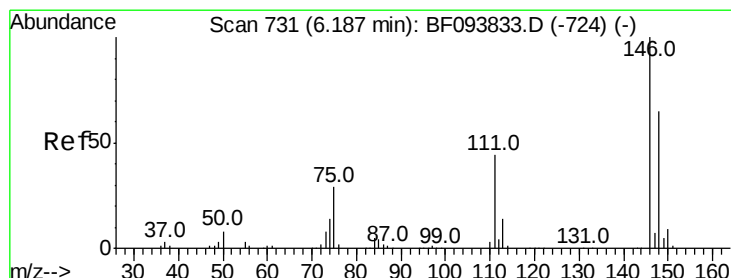
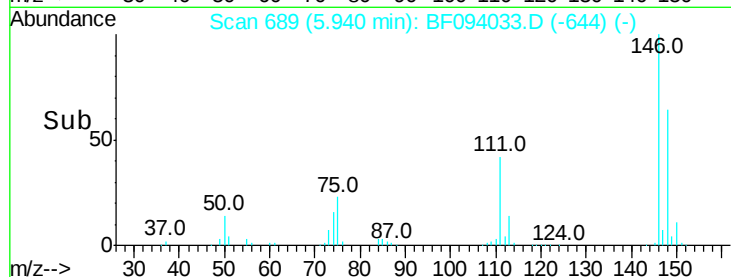
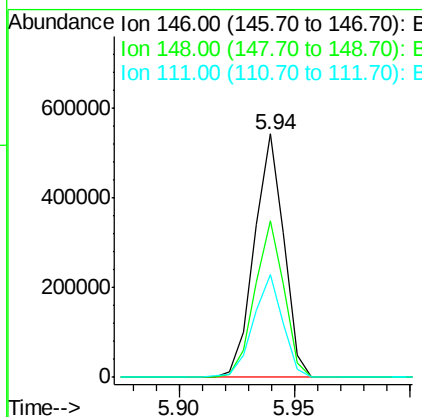
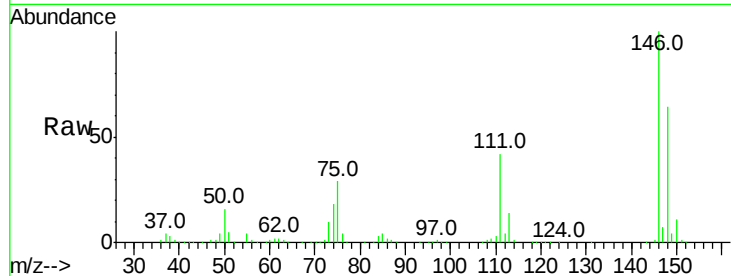
ClientSampleId :

E2-T11-BASEMS

Tot Ion:	146	Resp:	485210
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.2	78.2
111	42.0	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 40.64 ng

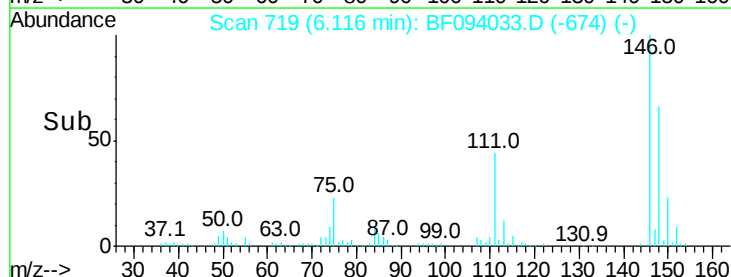
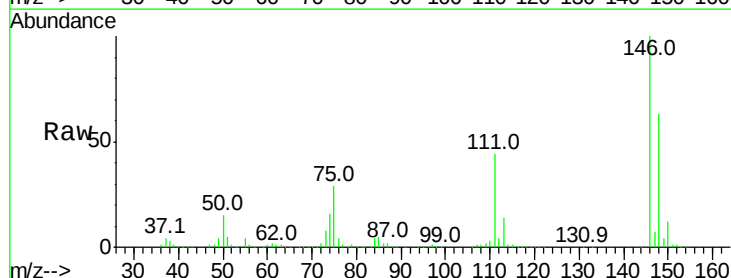
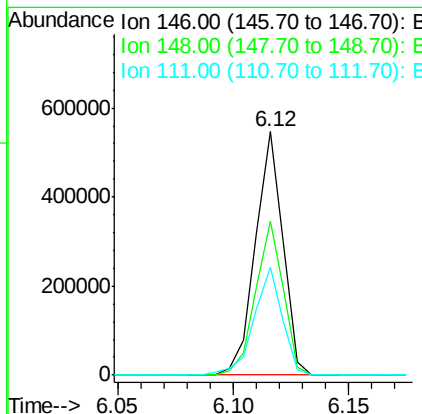
RT: 6.12 min Scan# 719

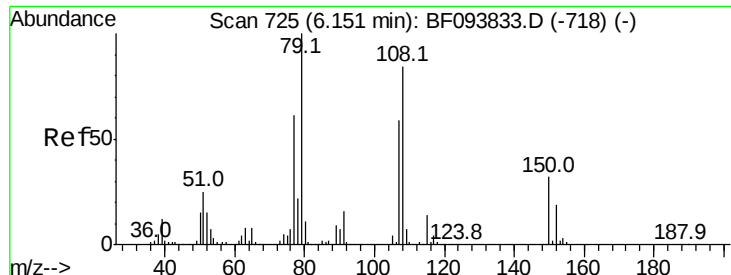
Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion:	146	Resp:	455247
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.4	75.6
111	44.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 43.57 ng

RT: 6.09 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMS

Tot Ion: 79 Resp: 384240

Ion Ratio Lower Upper

79 100

108 78.7 63.4 95.0

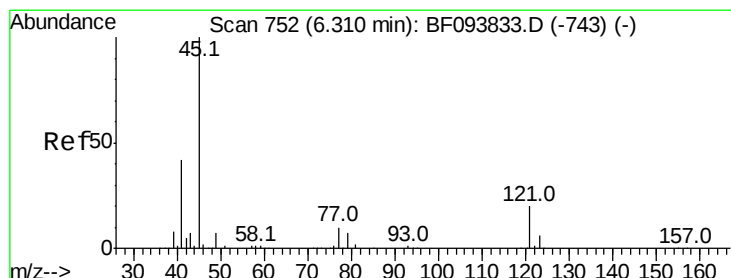
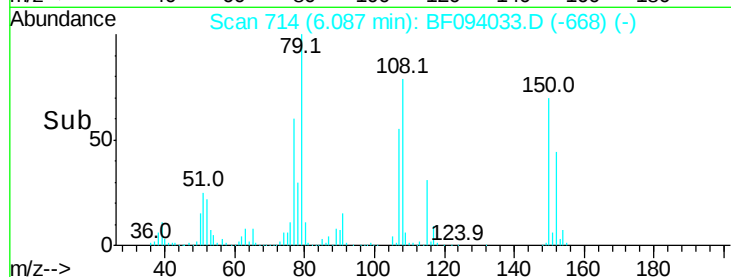
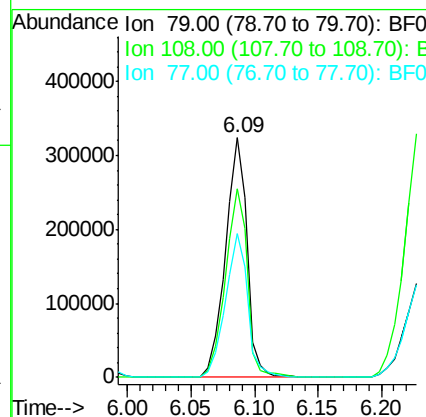
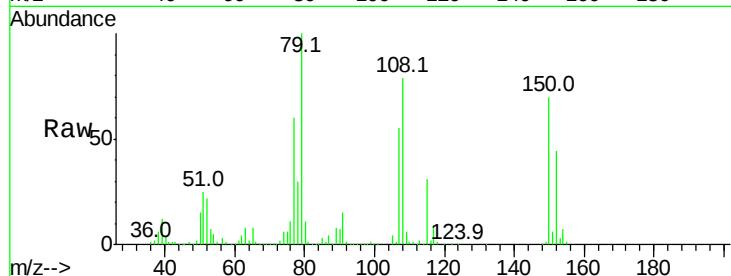
77 60.1 49.2 73.8

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.79 ng

RT: 6.25 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

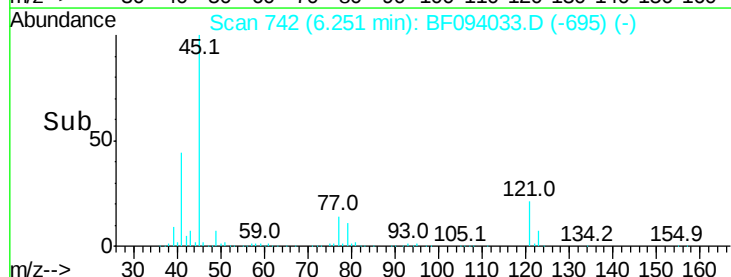
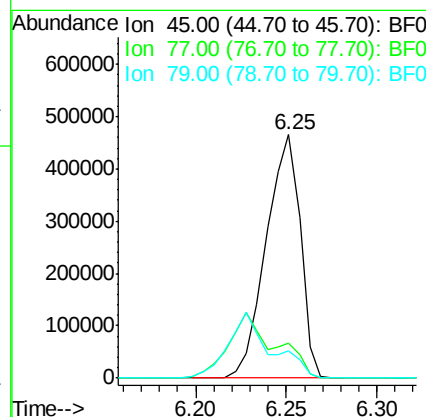
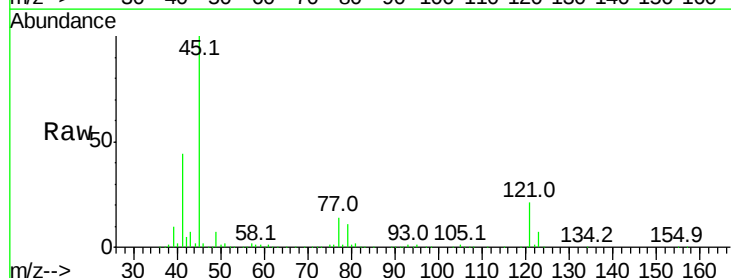
Tgt Ion: 45 Resp: 607480

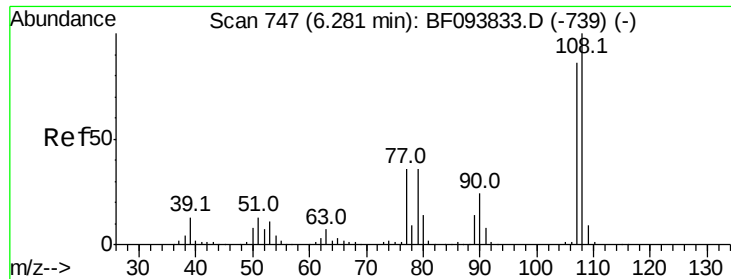
Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.2

79 11.4 0.0 30.0





#17

2-Methylphenol

Concen: 36.22 ng

RT: 6.23 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

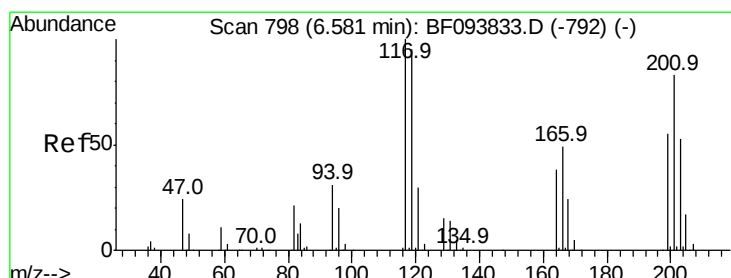
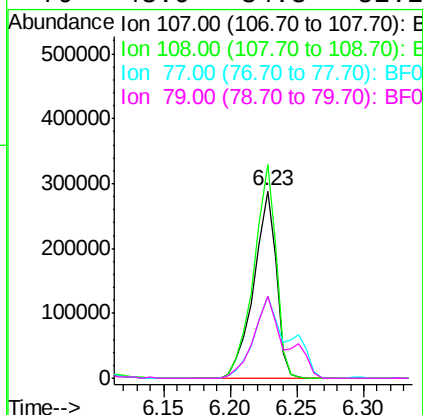
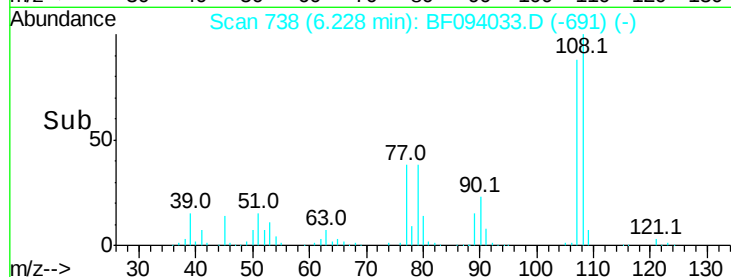
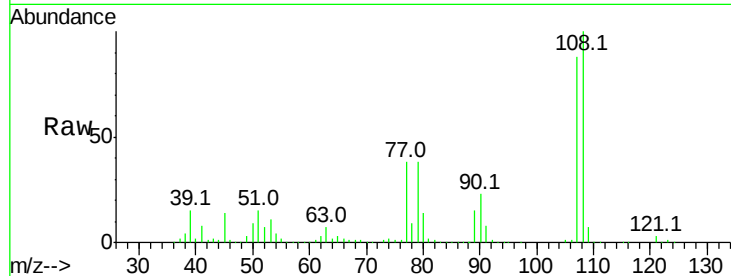
ClientSampleId :

E2-T11-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	332106		
108	114.2		93.4	140.0
77	43.7		35.8	53.6
79	43.9		34.8	52.2

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#18

Hexachloroethane

Concen: 39.82 ng

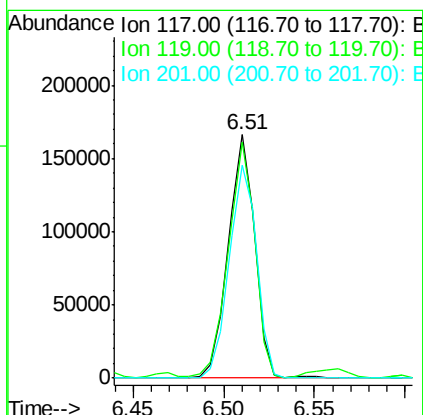
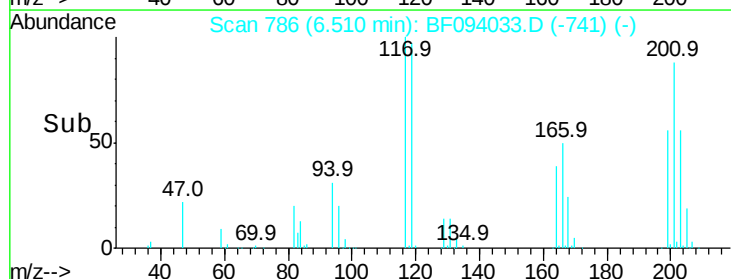
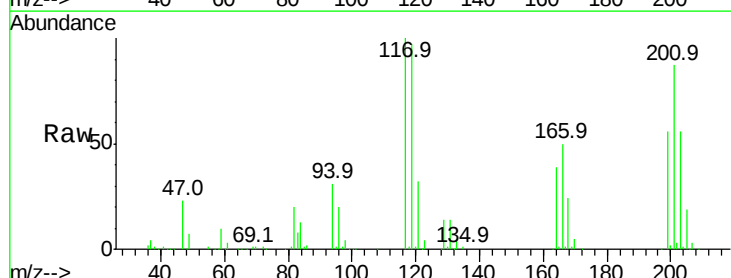
RT: 6.51 min Scan# 786

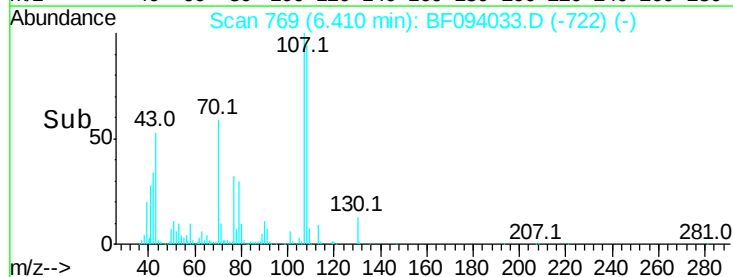
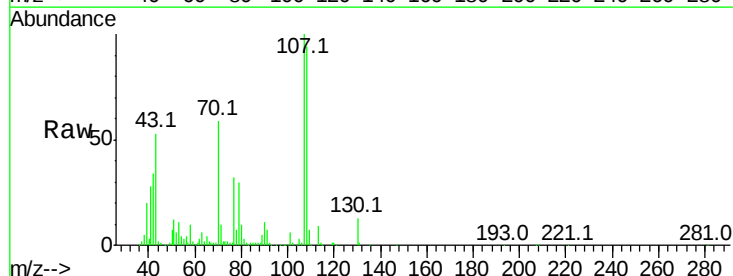
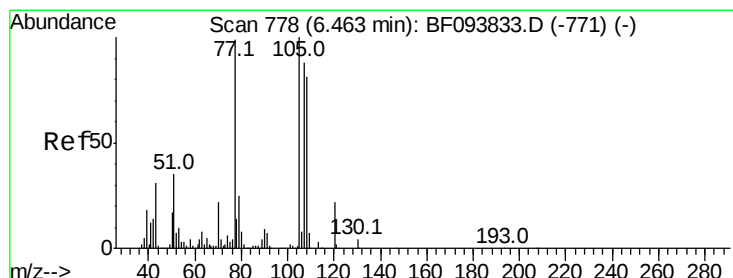
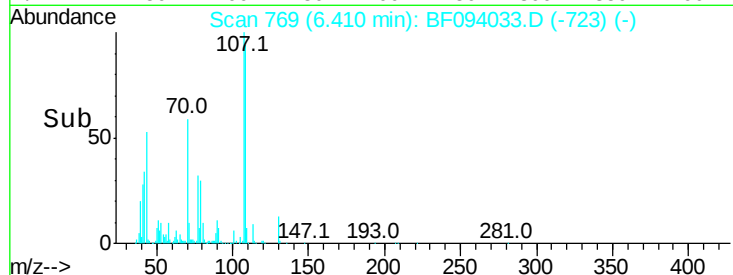
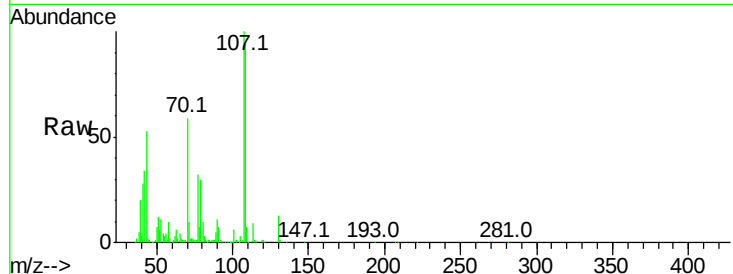
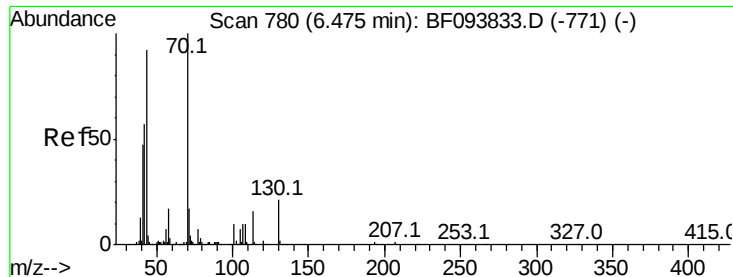
Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	170244		
119	96.8		77.4	116.0
201	87.5		94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 40.14 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF094033.D

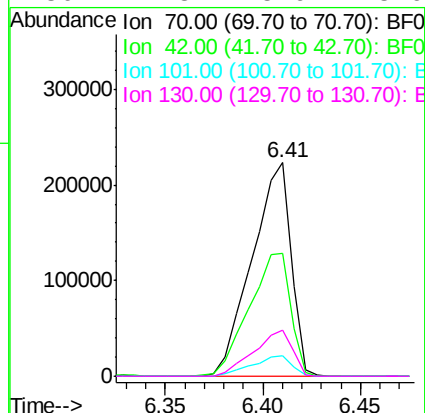
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.8	47.2	70.8		
101	9.4	7.2	10.8		
130	21.8	15.9	23.9		

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#20

3+4-Methylphenols

Concen: 38.76 ng

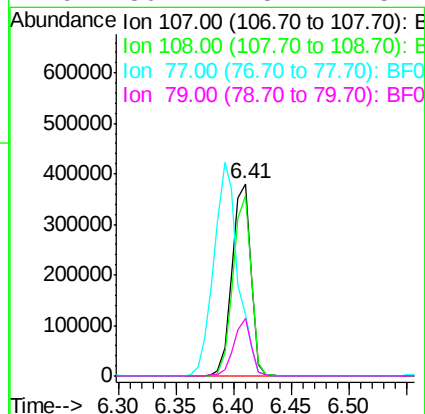
RT: 6.41 min Scan# 769

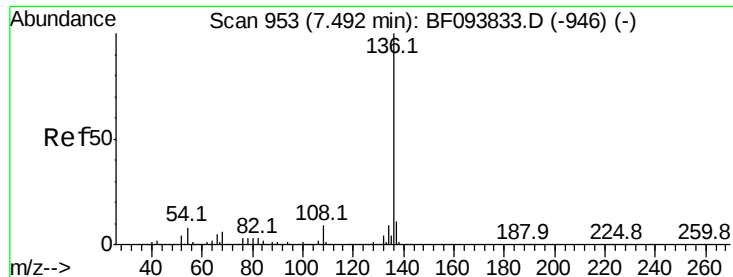
Delta R.T. -0.02 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.8	71.0	111.0		
77	32.1	90.5	130.5#		
79	30.1	8.4	48.4		





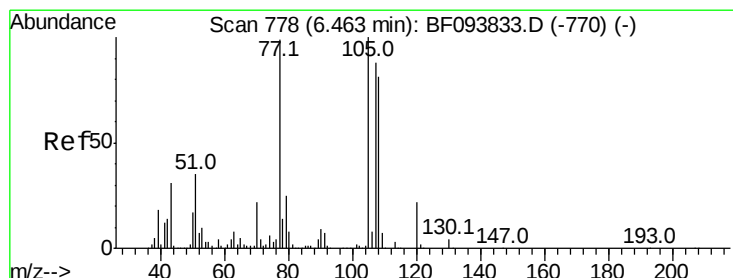
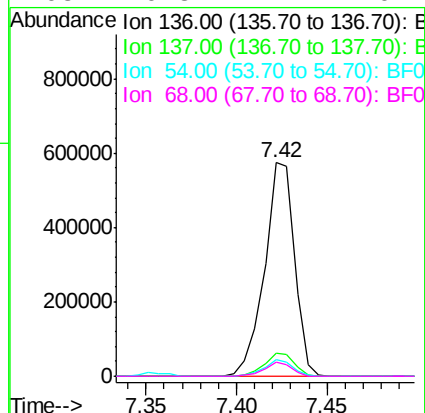
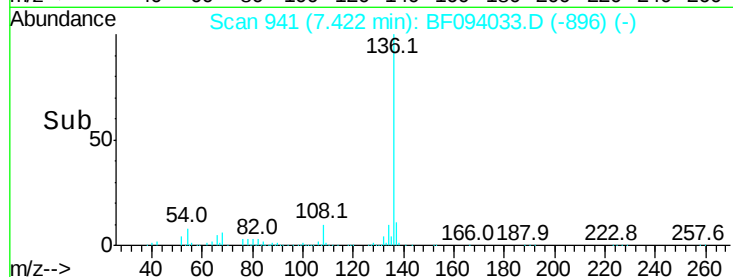
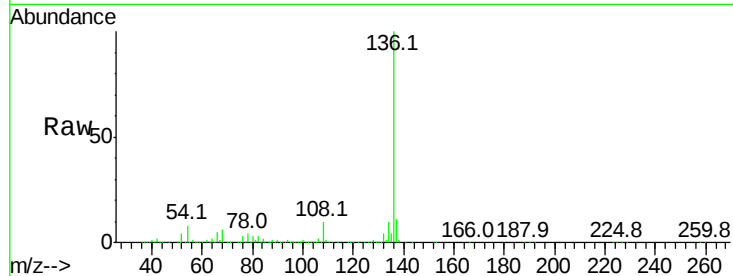
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.42 min Scan# 941
Delta R.T. -0.04 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.7	4.9	7.3#
68	6.3	4.1	6.1#

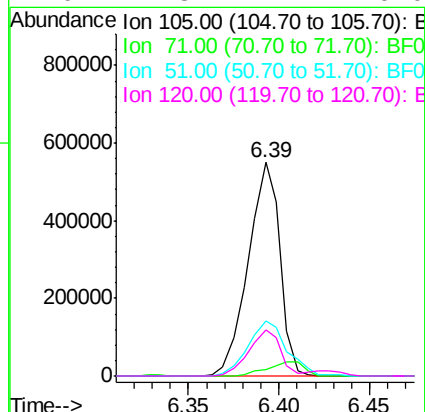
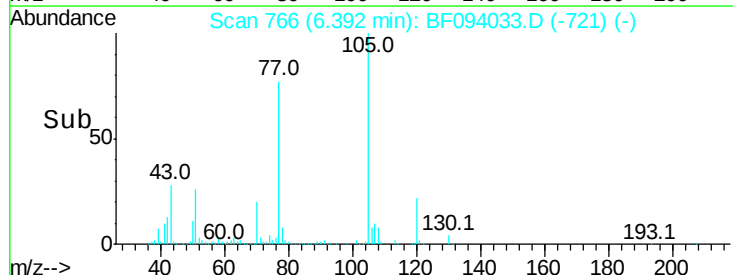
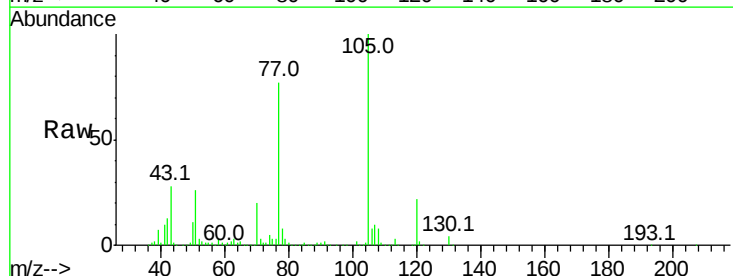
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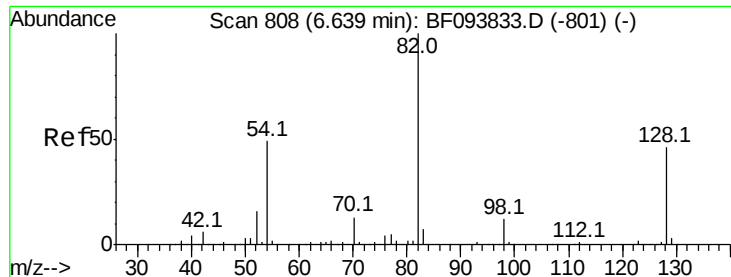
mohammad
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#22
Acetophenone
Concen: 45.25 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.04 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.2	2.8	4.2
51	26.0	30.7	46.1#
120	21.8	17.4	26.0





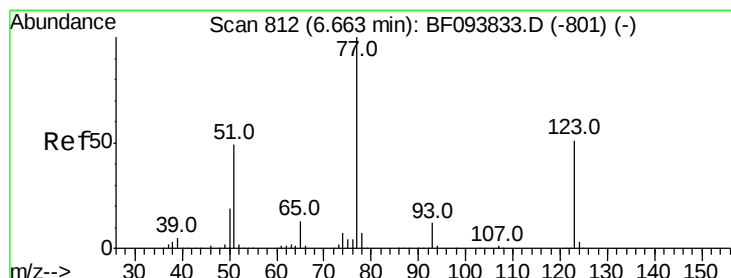
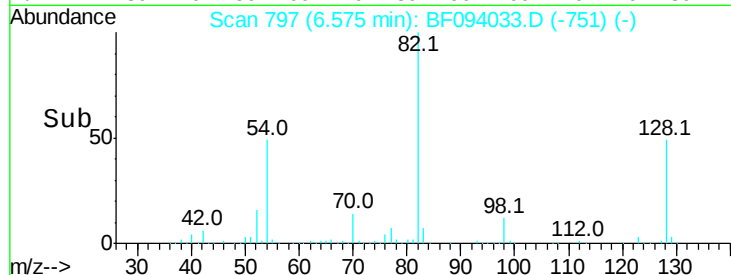
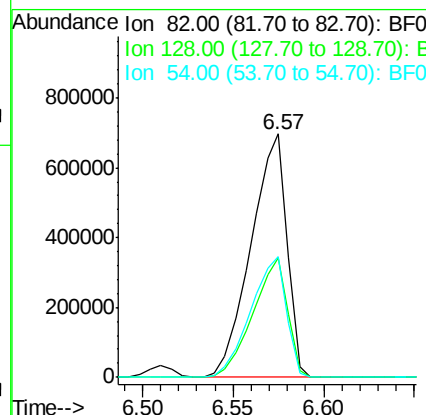
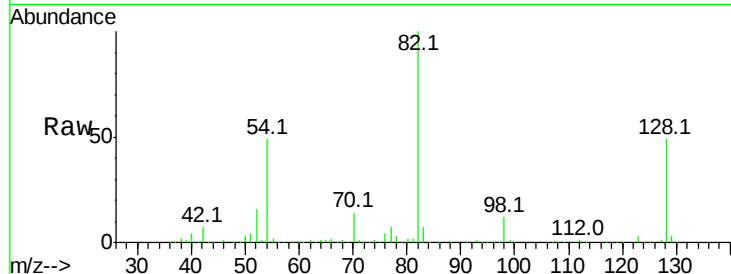
#23
Nitrobenzene-d5
Concen: 82.75 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	49.4	42.2	63.2

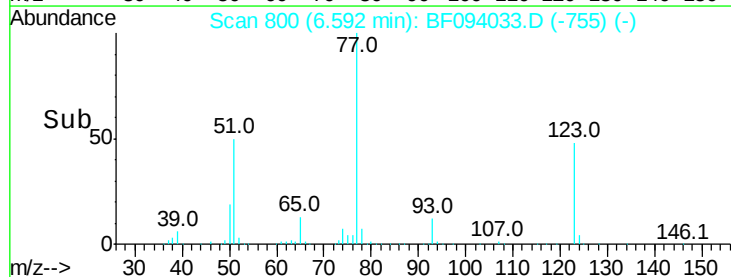
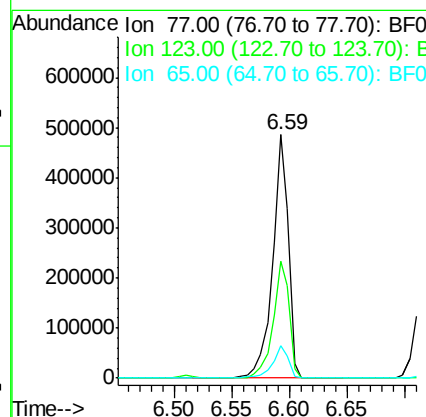
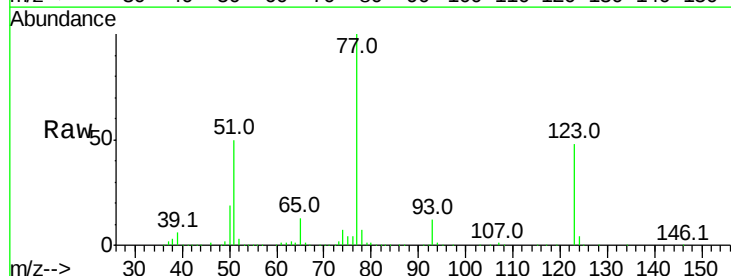
Manual Integrations
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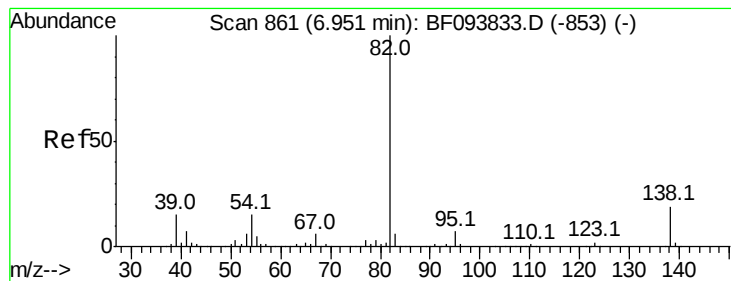
mohammad
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#24
Nitrobenzene
Concen: 40.71 ng
RT: 6.59 min Scan# 800
Delta R.T. -0.04 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	35.8	53.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 41.11 ng

RT: 6.88 min Scan# 849

Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

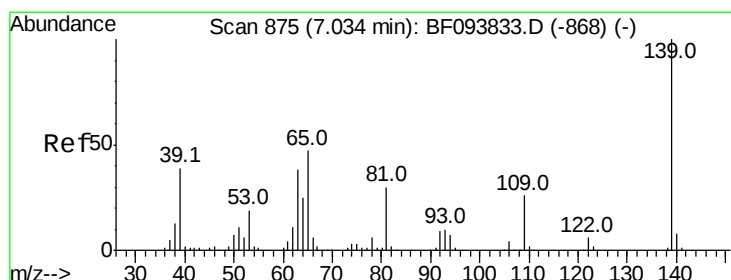
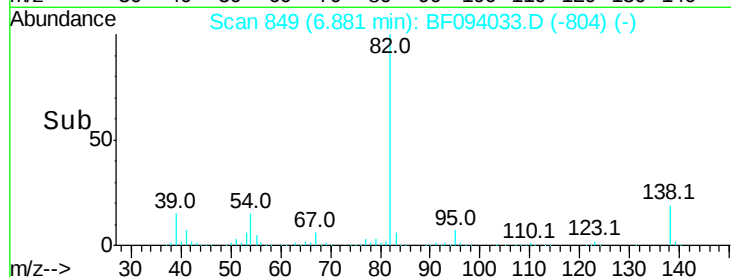
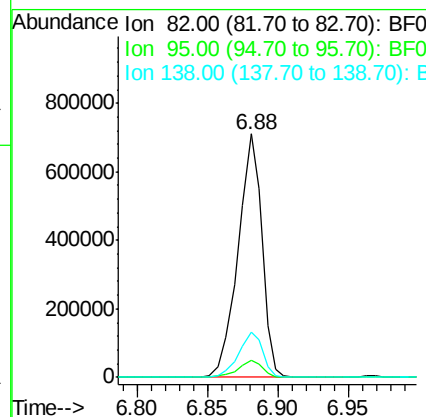
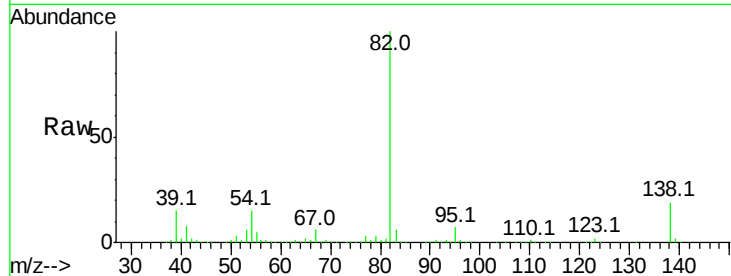
ClientSampleId :

E2-T11-BASEMS

Tot Ion:	82	Resp:	836492
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	18.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.00 ng

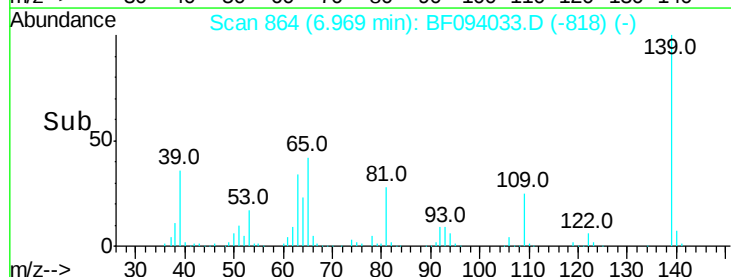
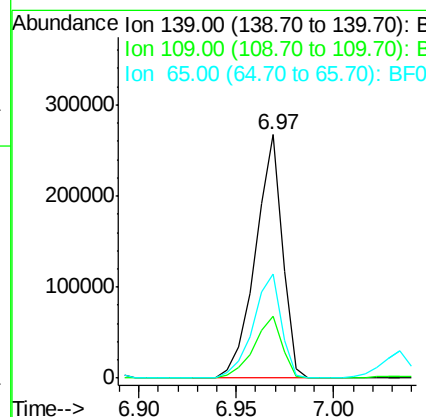
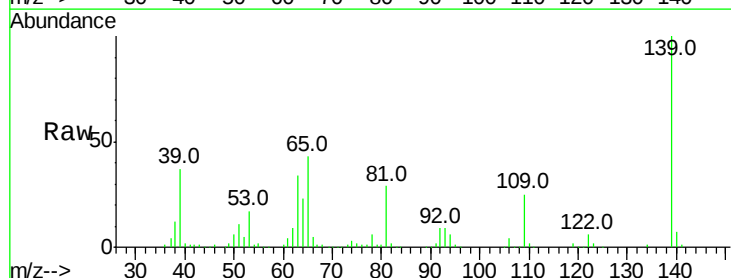
RT: 6.97 min Scan# 864

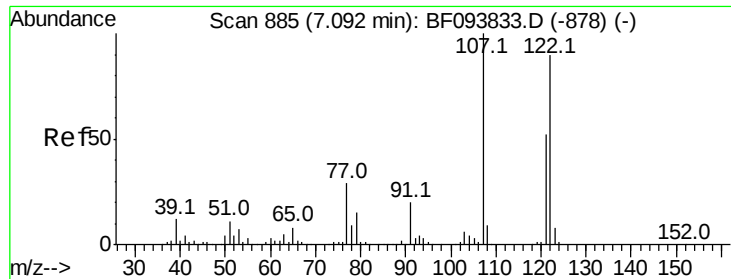
Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion:	139	Resp:	255980
Ion Ratio	Lower	Upper	
139	100		
109	25.3	21.0	31.6
65	42.5	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 34.87 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

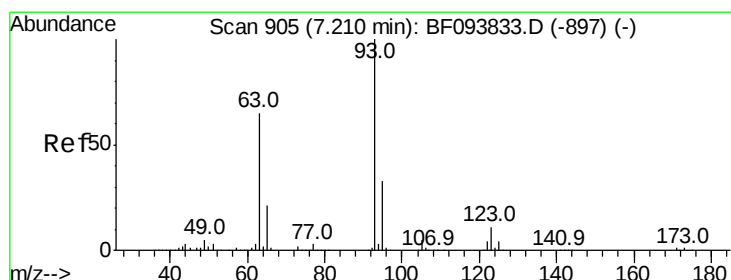
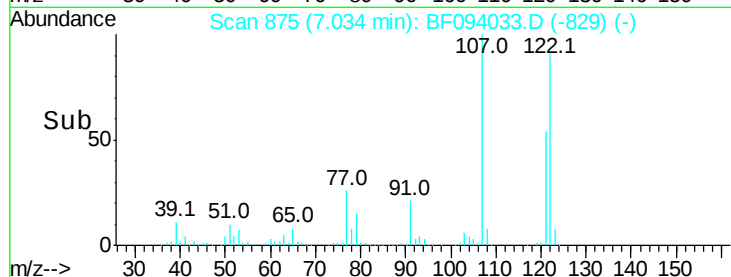
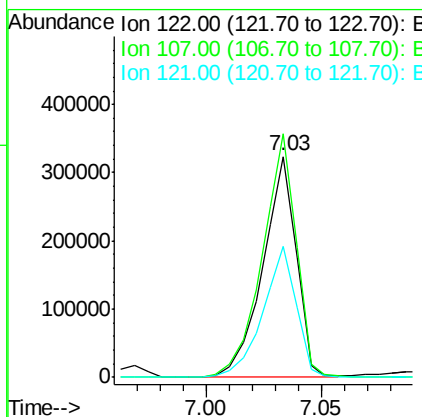
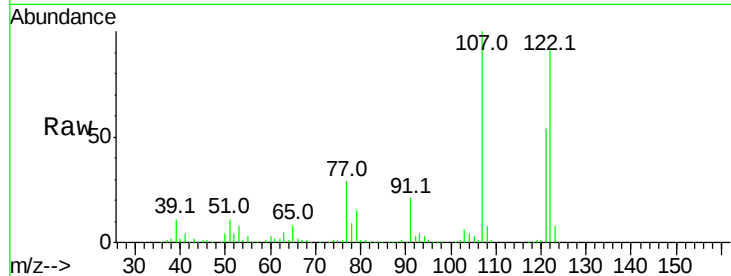
ClientSampleId :

E2-T11-BASEMS

Tot Ion:	122	Resp:	327224
Ion Ratio	Lower	Upper	
122	100		
107	110.3	89.2	133.8
121	59.5	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 40.71 ng

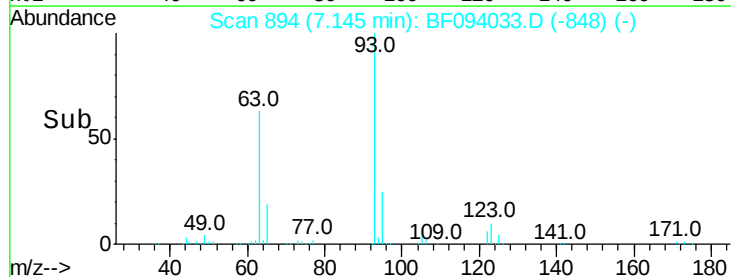
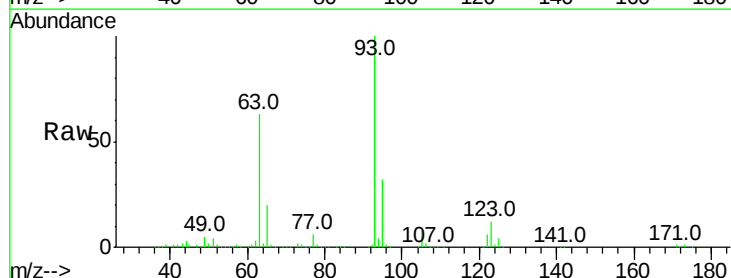
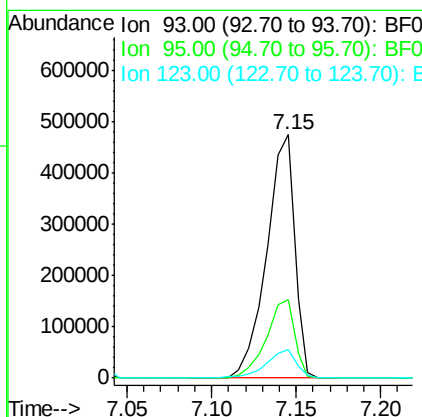
RT: 7.15 min Scan# 894

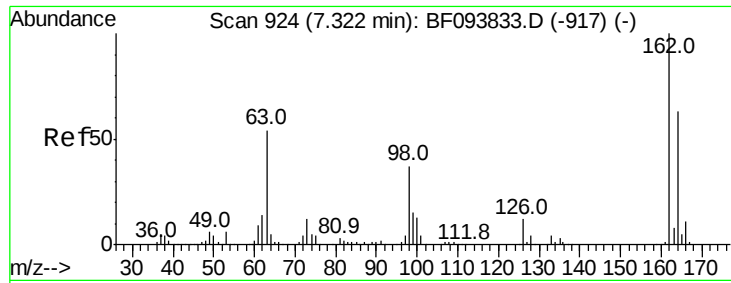
Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion:	93	Resp:	546290
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.5	39.7
123	11.6	9.0	13.4





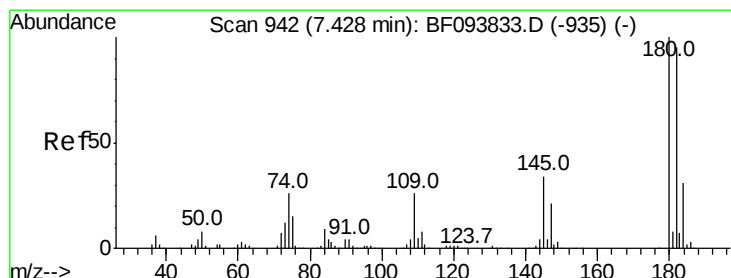
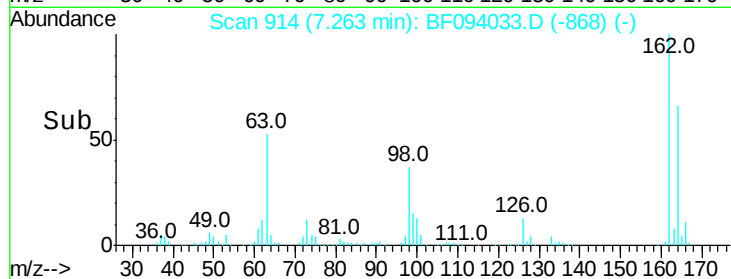
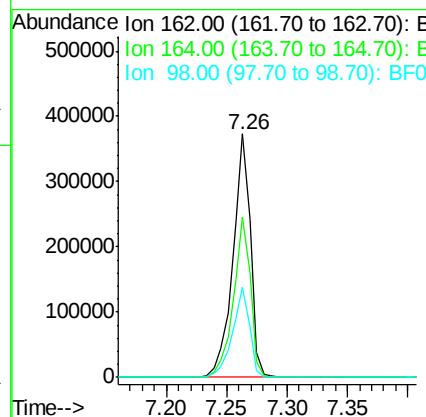
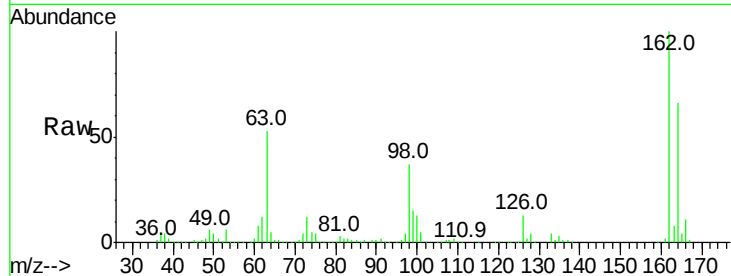
#29
 2,4-Dichlorophenol
 Concen: 42.80 ng
 RT: 7.26 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	375567		
164	65.9	44.6	84.6	
98	37.0	14.8	54.8	

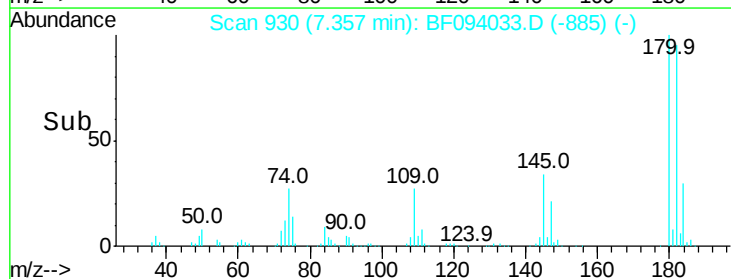
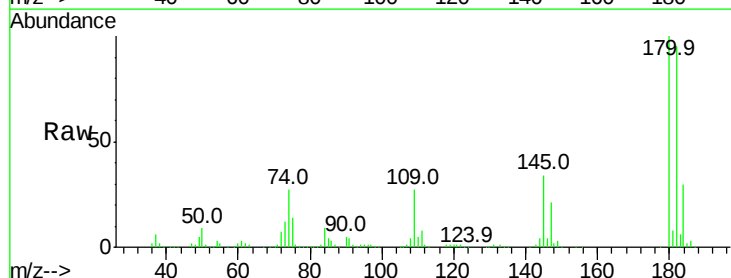
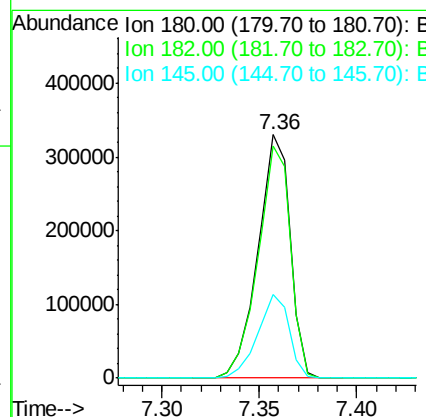
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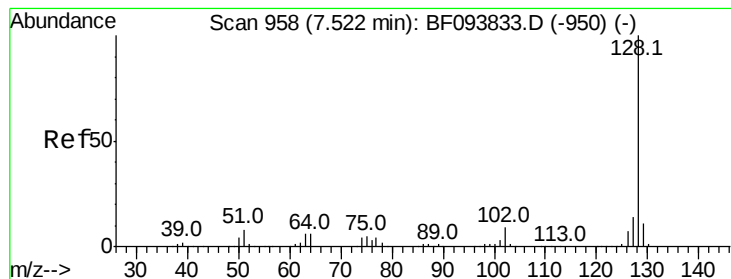
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.60 ng
 RT: 7.36 min Scan# 930
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	375923		
182	95.4	75.8	113.6	
145	34.2	25.3	37.9	





#31

Naphthalene

Concen: 40.93 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMS

Tot Ion:128 Resp: 1300692

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

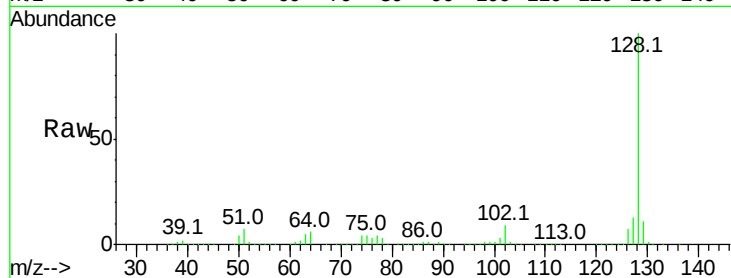
127 13.4 10.8 16.2

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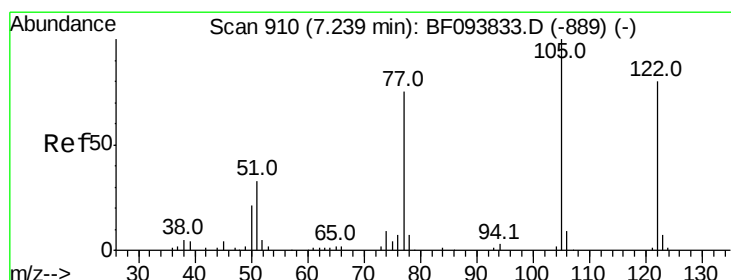
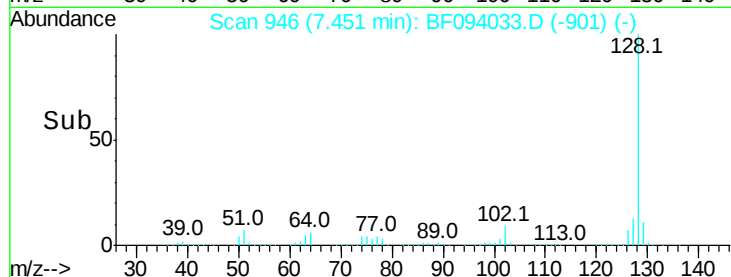
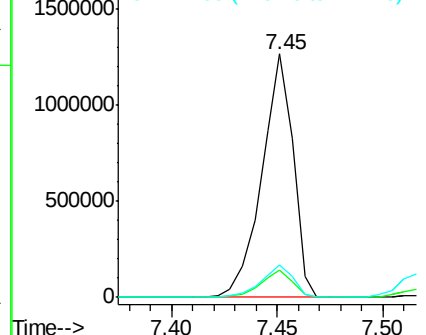
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.50 ng

RT: 7.16 min Scan# 896

Delta R.T. -0.06 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

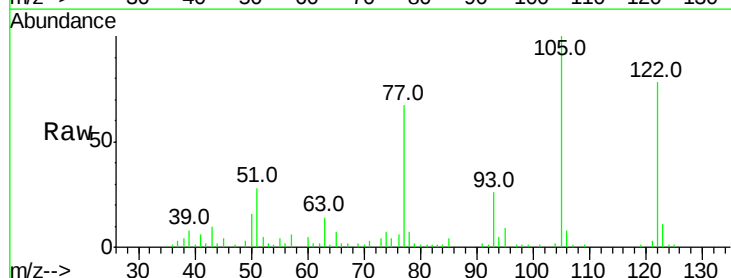
Tgt Ion:122 Resp: 90617

Ion Ratio Lower Upper

122 100

105 128.8 103.3 143.3

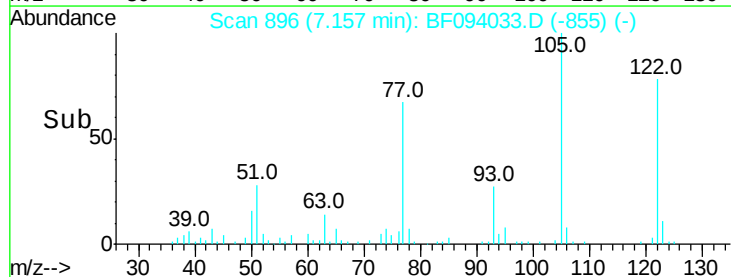
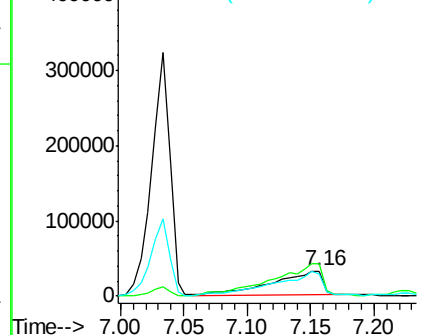
77 86.4 73.7 113.7



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





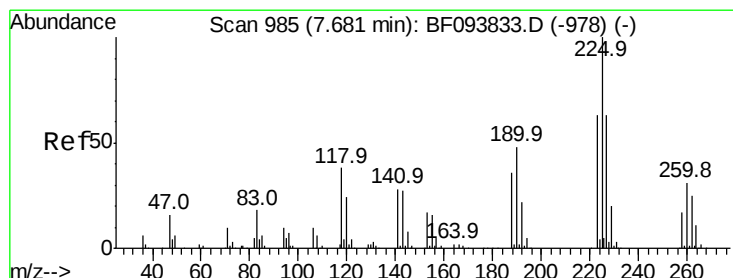
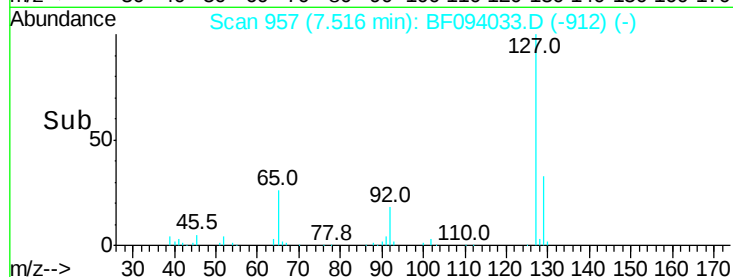
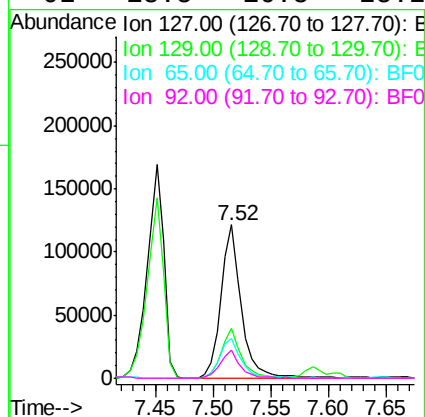
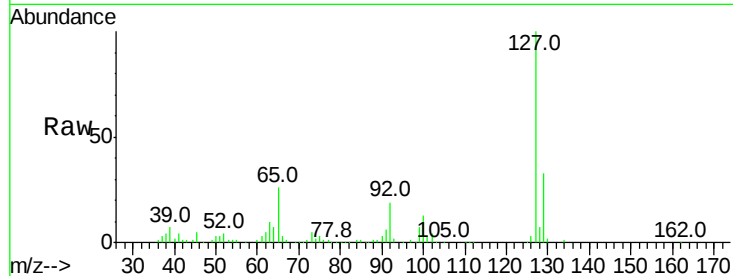
#33
4-Chloroaniline
Concen: 11.64 ng
RT: 7.52 min Scan# 957
Delta R.T. -0.04 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.2	39.2		
65	26.2	27.8	41.8		
92	18.5	16.8	25.2		

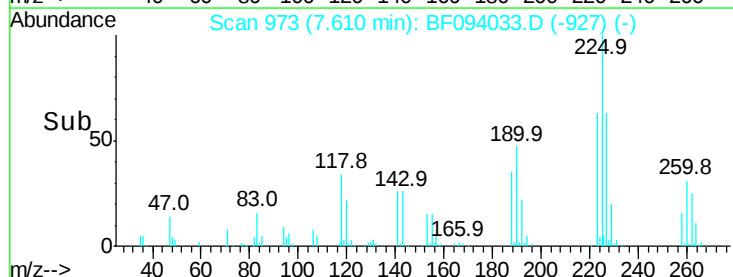
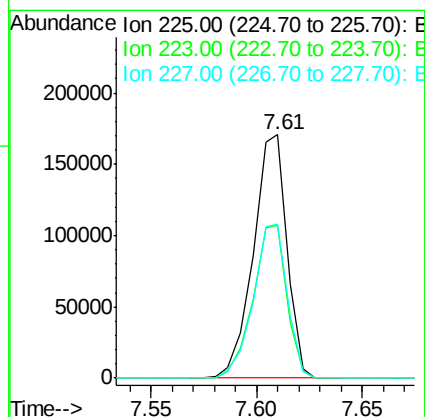
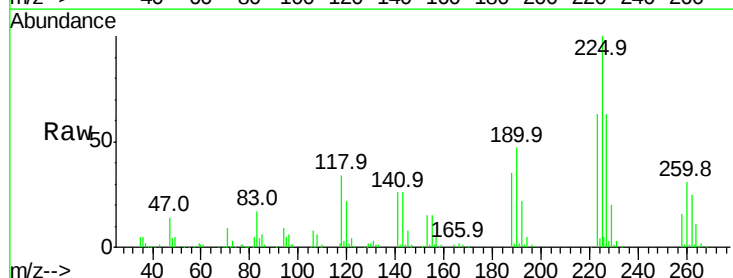
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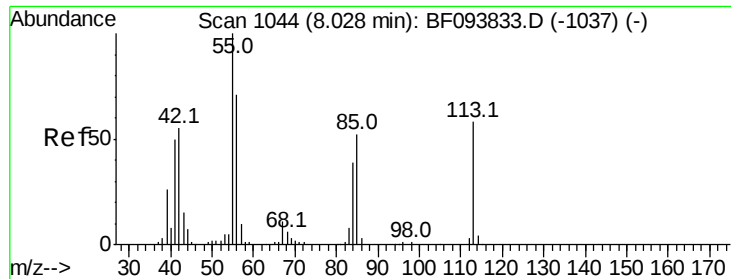
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#34
Hexachlorobutadiene
Concen: 40.75 ng
RT: 7.61 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	48.8	73.2		
227	63.4	51.1	76.7		





#35

Caprolactam

Concen: 45.75 ng/mL

RT: 7.96 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

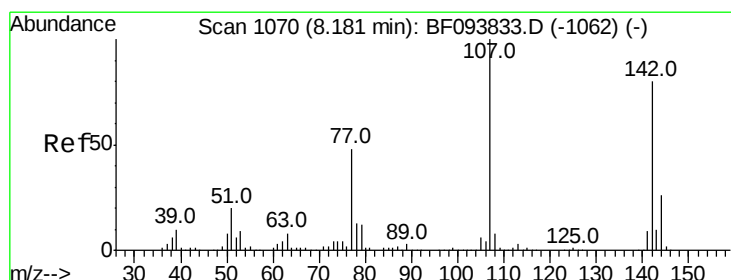
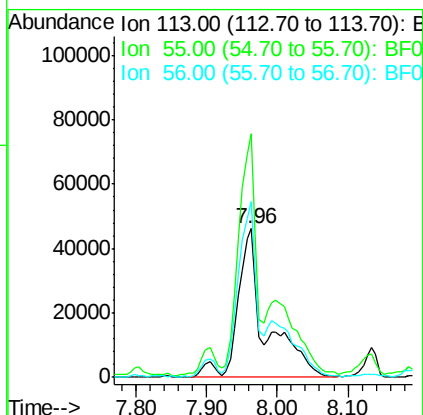
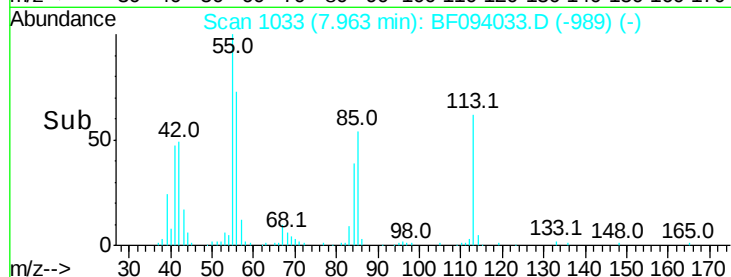
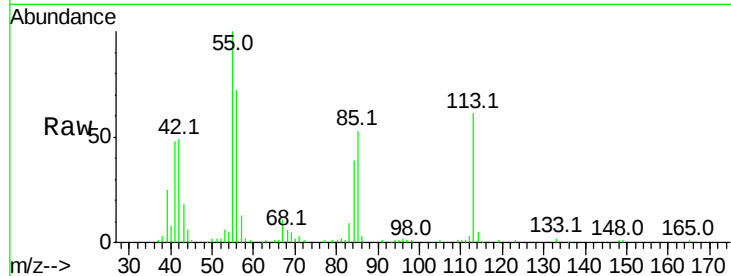
ClientSampleID :

E2-T11-BASEMS

Tot Ion:	113	Resp:	128026
Ion Ratio	Lower	Upper	
113	100		
55	163.9	150.2	190.2
56	118.6	107.8	147.8

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#36

4-Chloro-3-methylphenol

Concen: 42.30 ng/mL

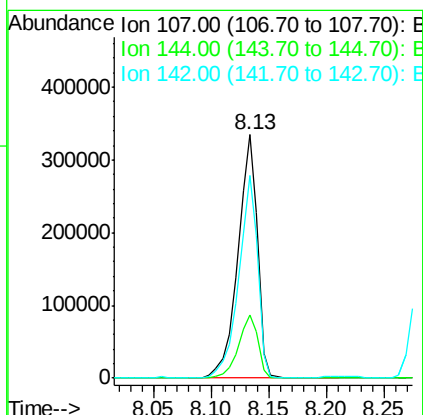
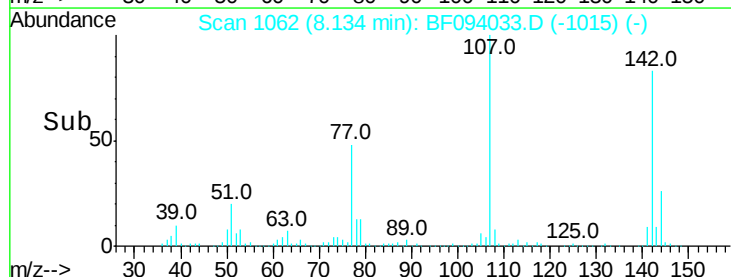
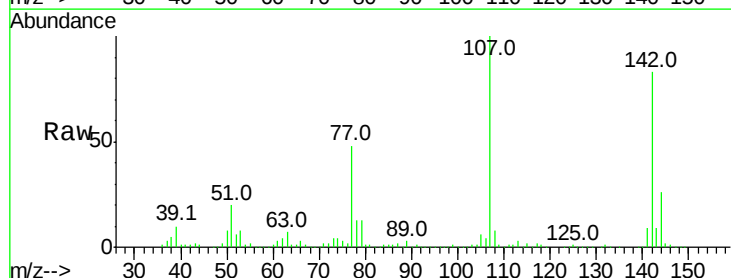
RT: 8.13 min Scan# 1062

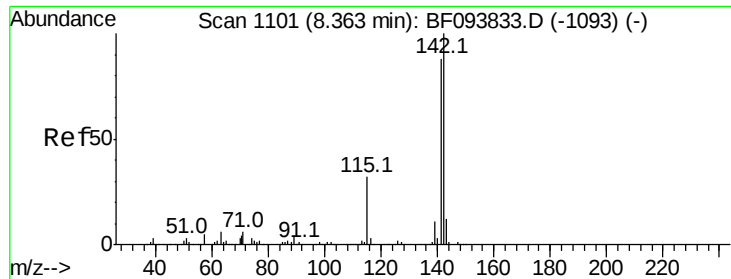
Delta R.T. -0.02 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion:	107	Resp:	387880
Ion Ratio	Lower	Upper	
107	100		
144	25.8	24.2	36.4
142	83.0	73.4	110.0





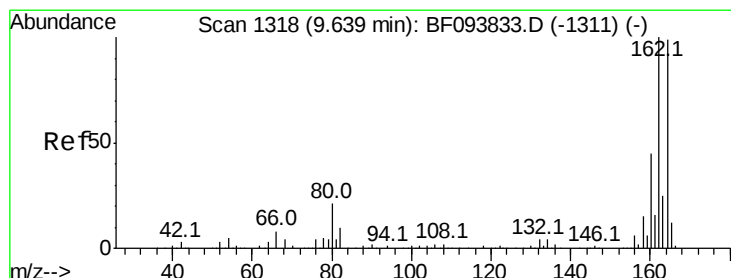
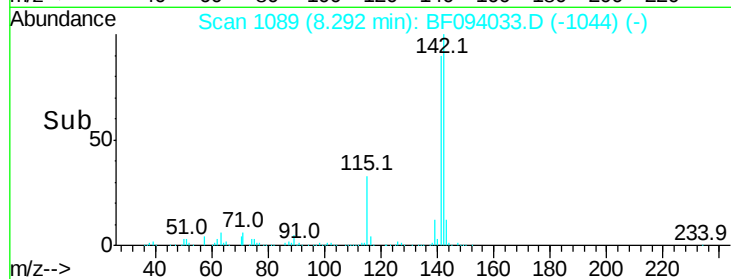
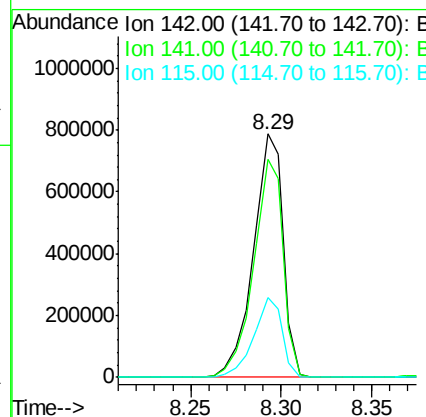
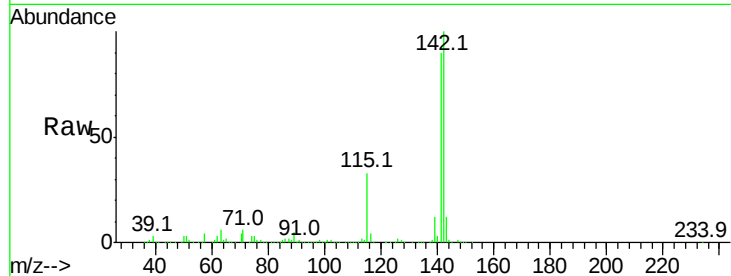
#37
2-Methylnaphthalene
Concen: 42.35 ng
RT: 8.29 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	32.9	27.1	40.7

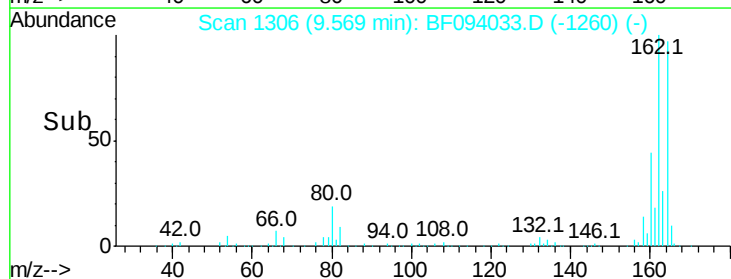
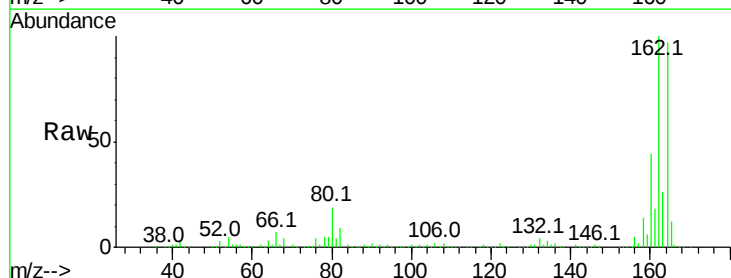
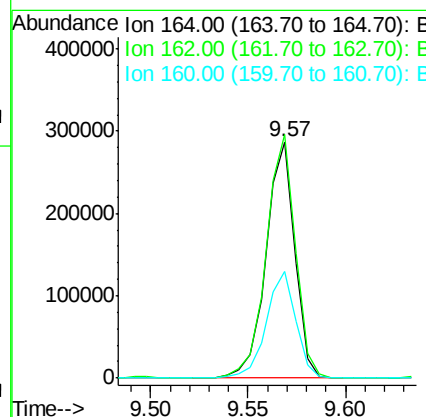
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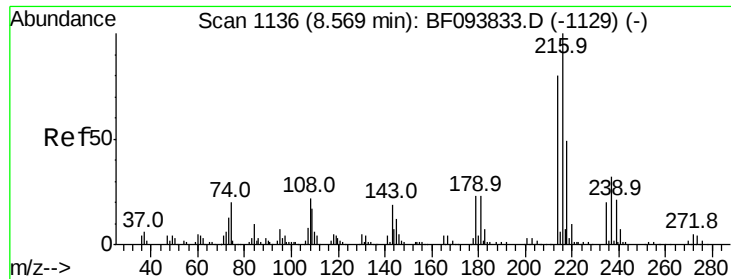
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	45.3	36.2	54.2





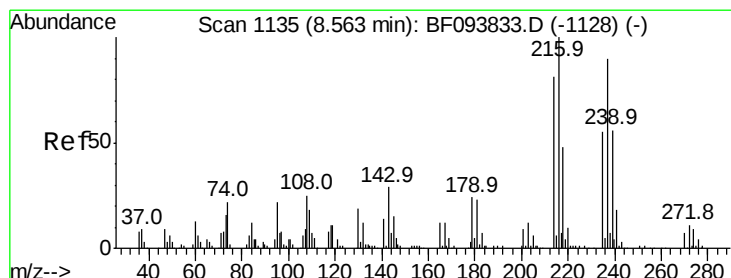
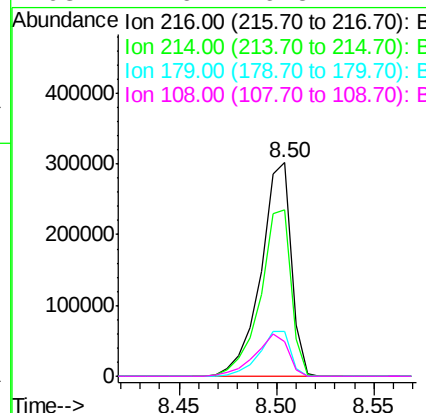
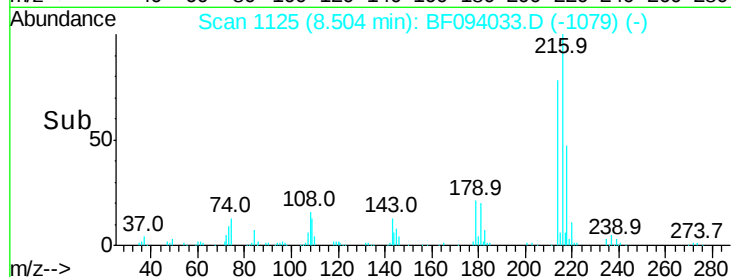
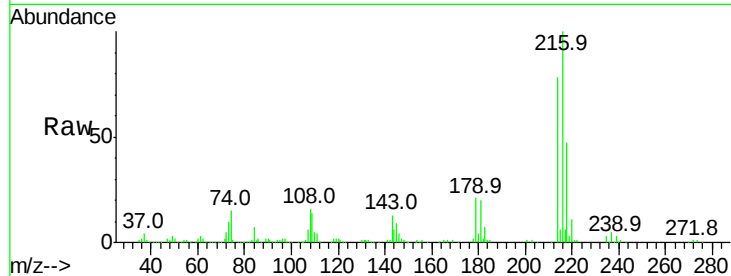
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.77 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	325418		
214	78.6	63.4	95.2	
179	22.1	17.9	26.9	
108	21.6	16.5	24.7	

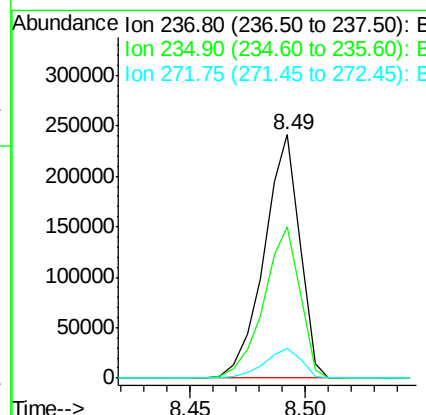
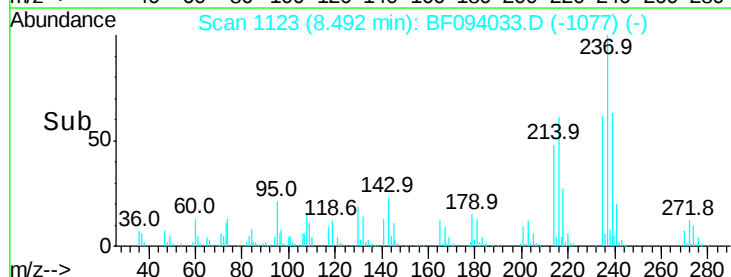
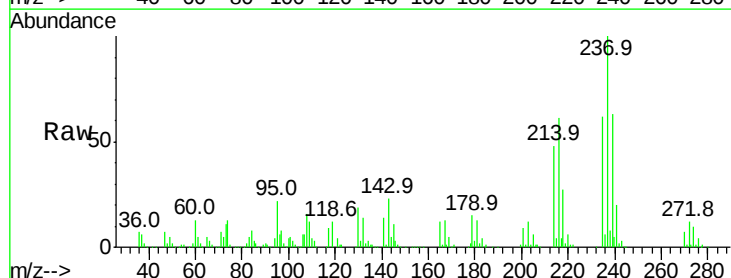
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#40
 Hexachlorocyclopentadiene
 Concen: 69.06 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	257937		
235	62.1	42.6	82.6	
272	12.3	0.0	31.9	





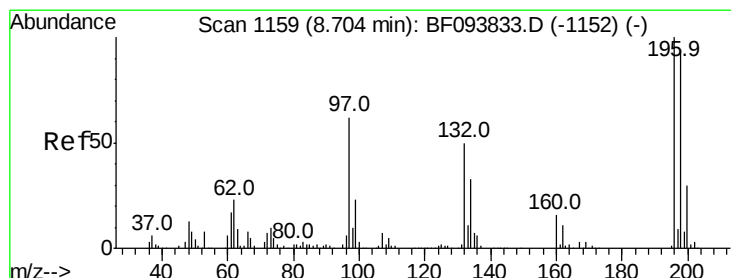
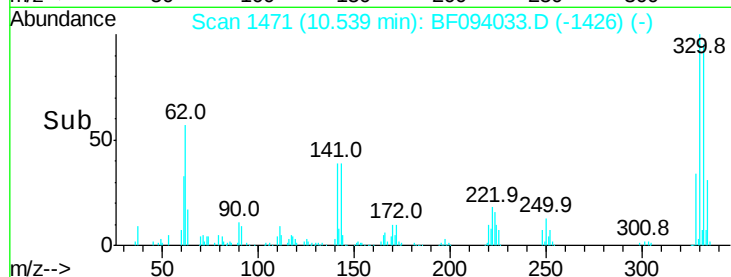
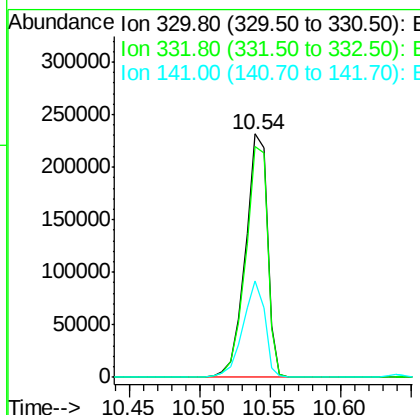
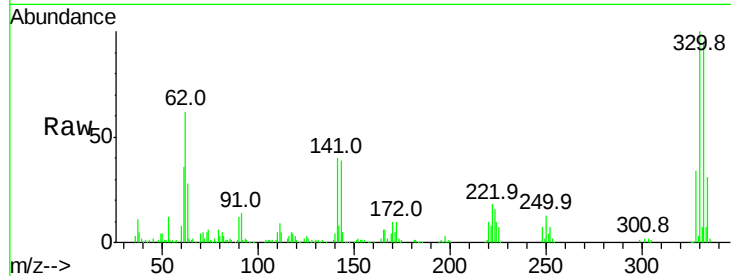
#41
 2,4,6-Tribromophenol
 Concen: 110.12 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	253904		
332	95.5	76.6	115.0	
141	38.9	31.4	47.2	

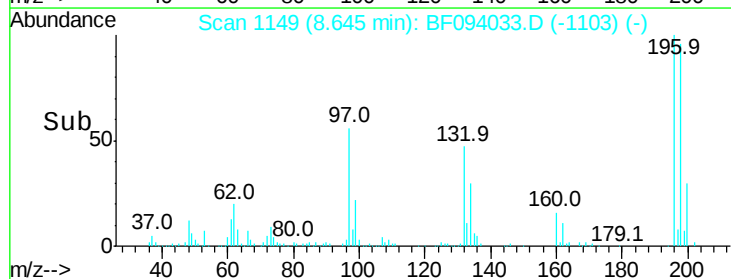
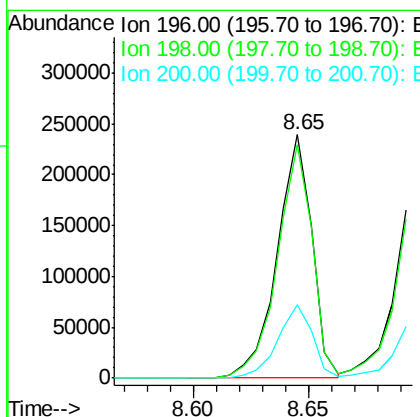
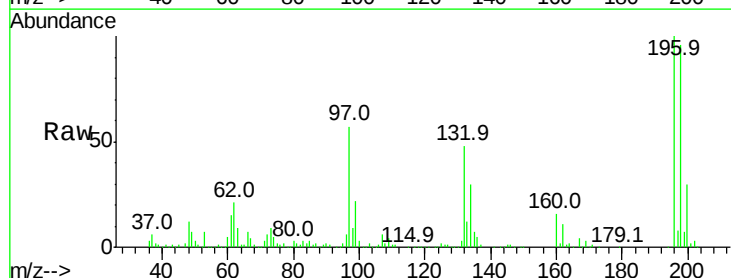
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 44.05 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	248749		
198	95.7	74.2	111.4	
200	29.9	24.0	36.0	





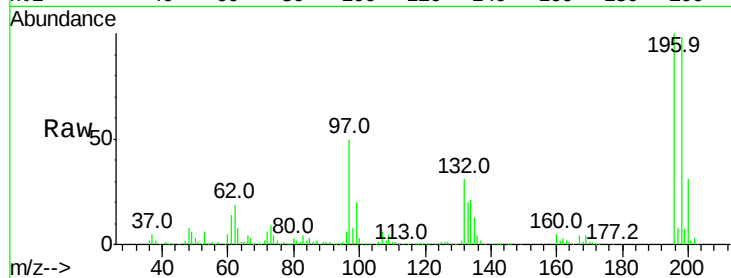
#43
 2,4,5-Trichlorophenol
 Concen: 41.50 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

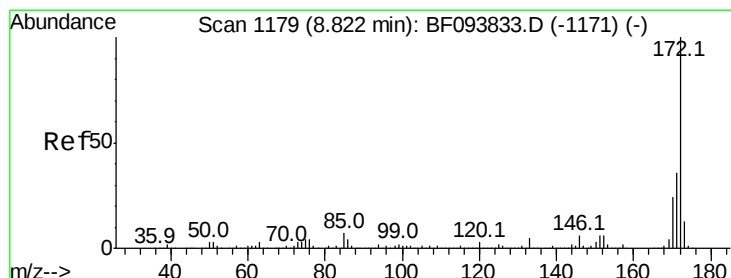
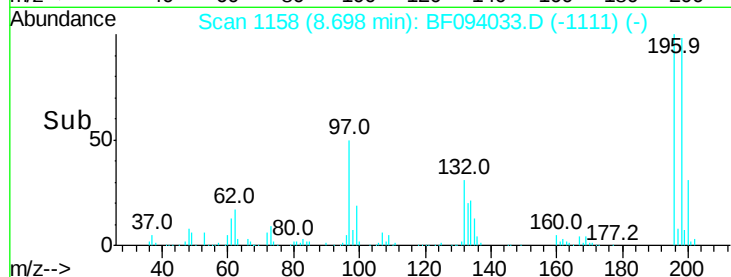
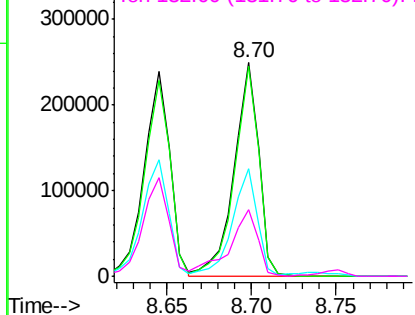
Tot Ion	196	Resp	253552
Ion Ratio	Lower	Upper	
196	100		
198	98.4	75.7	113.5
97	50.2	47.7	71.5
132	31.2	28.0	42.0

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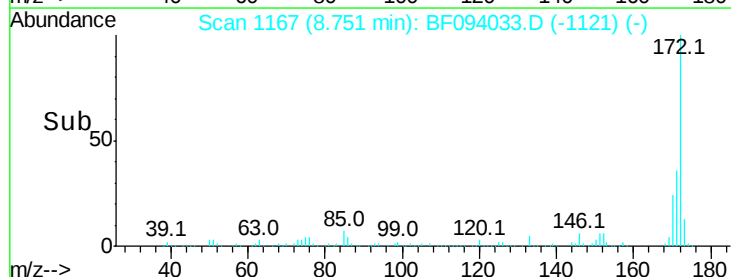
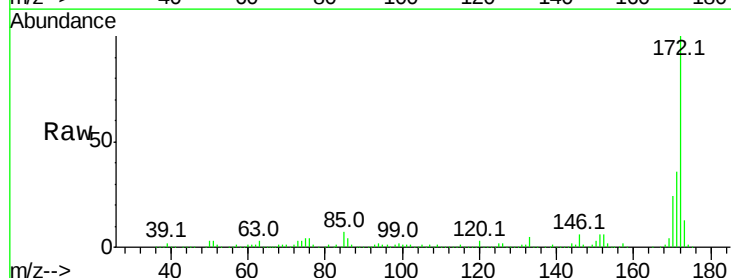
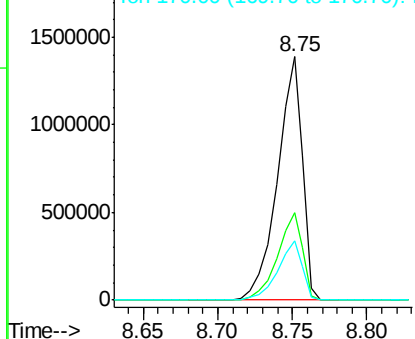
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.70 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	172	Resp	1620170
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	24.2	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





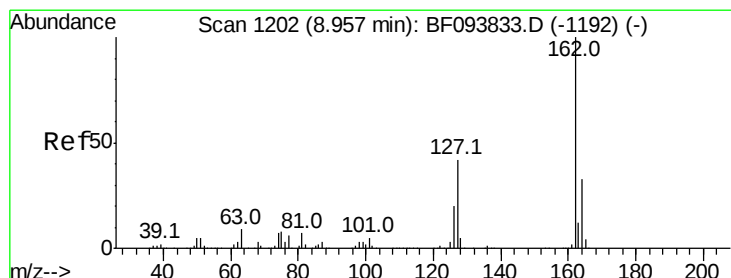
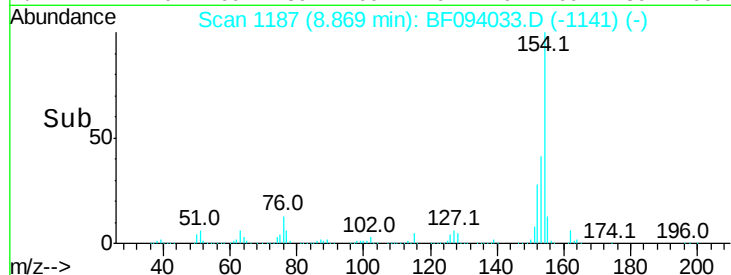
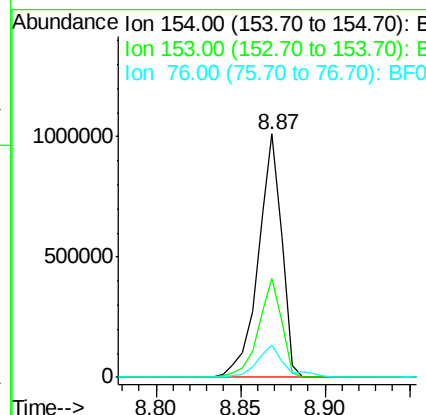
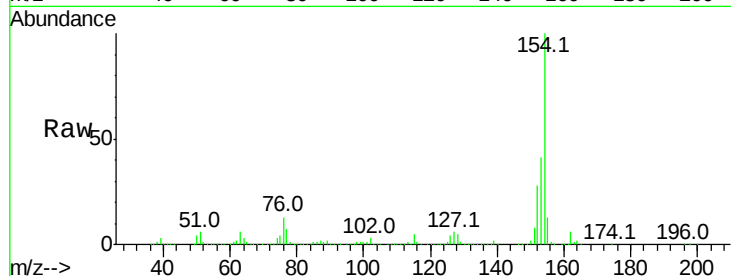
#45
 1,1'-Biphenyl
 Concen: 41.65 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion:	154	Resp:	980172
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.2	61.2
76	13.3	0.0	29.9

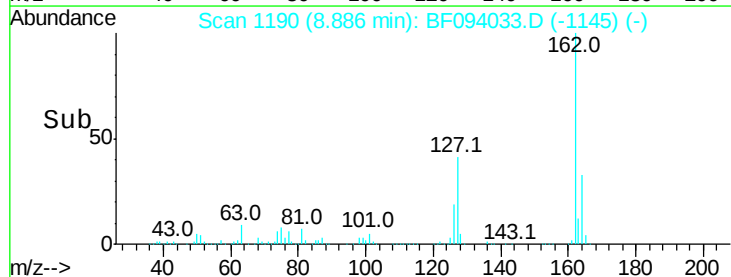
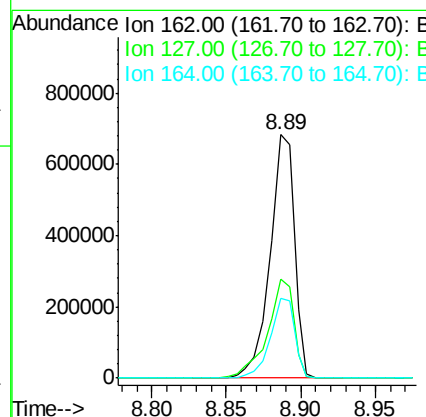
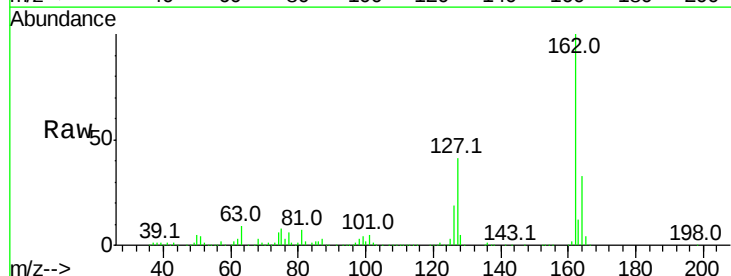
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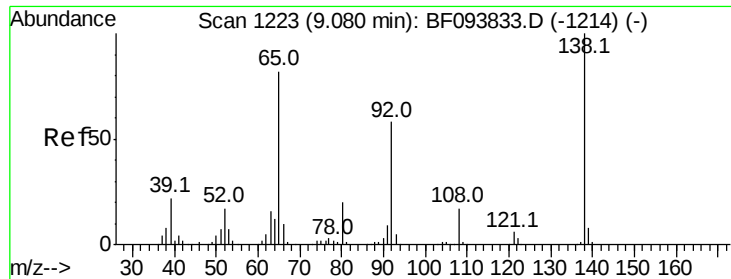
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#46
 2-Chloronaphthalene
 Concen: 41.75 ng
 RT: 8.89 min Scan# 1190
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion:	162	Resp:	769144
Ion Ratio	Lower	Upper	
162	100		
127	40.5	28.3	42.5
164	32.6	27.0	40.4





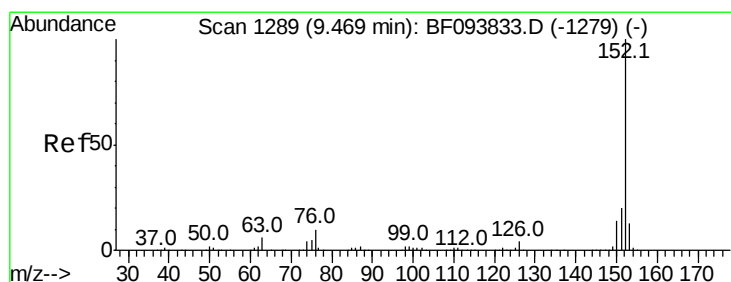
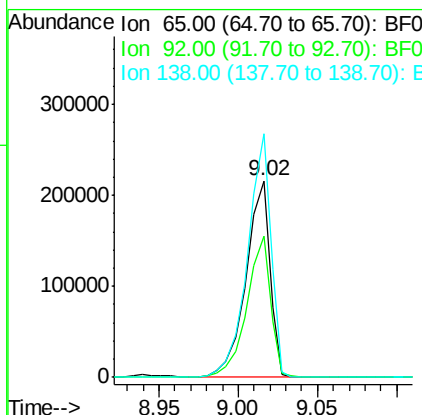
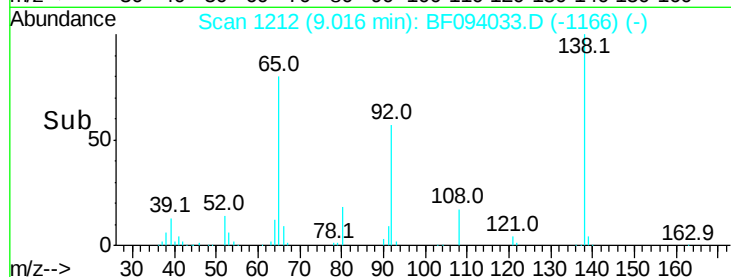
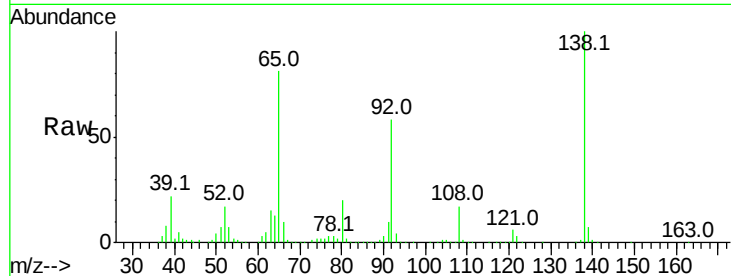
#47
2-Nitroaniline
Concen: 41.80 ng
RT: 9.02 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	53.9	80.9
138	123.9	78.8	118.2

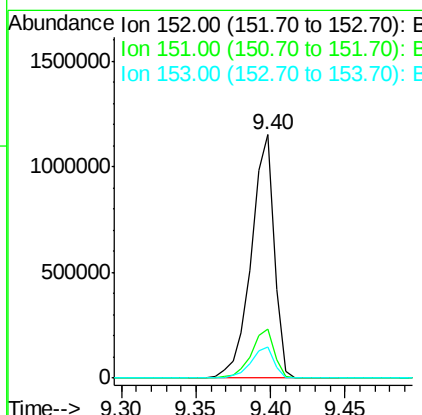
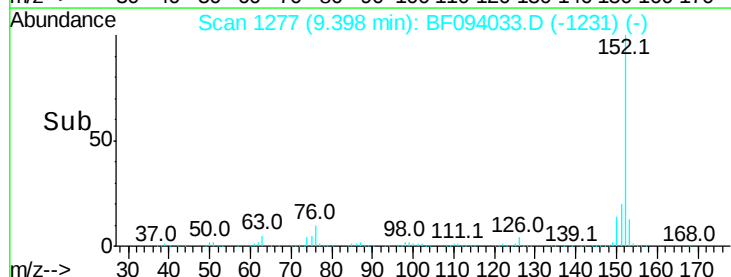
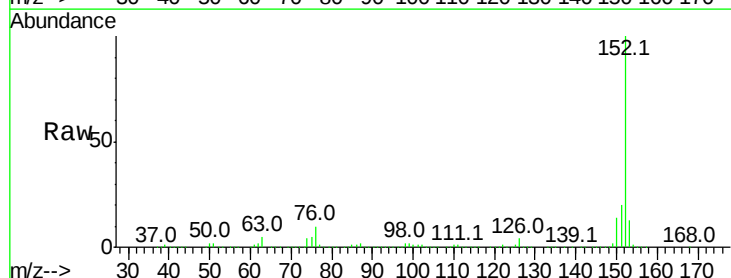
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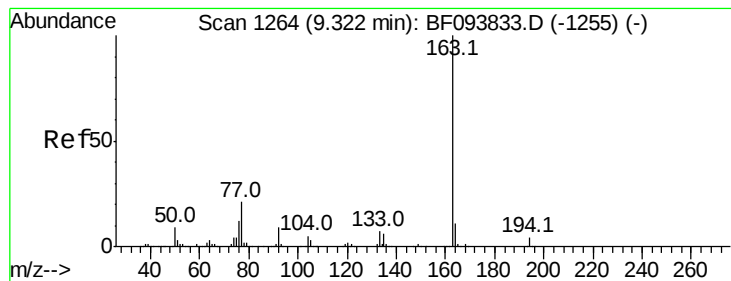
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#48
Acenaphthylene
Concen: 39.74 ng
RT: 9.40 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	12.7	10.8	16.2





#49

Dimethylphthalate

Concen: 46.66 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

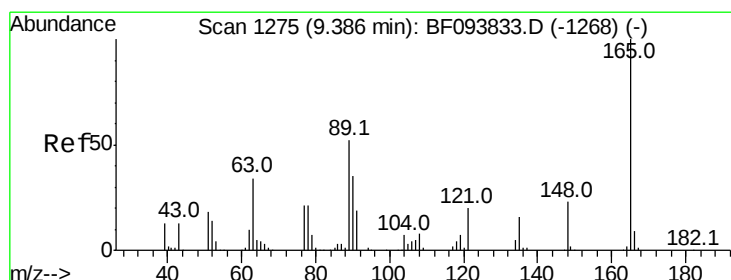
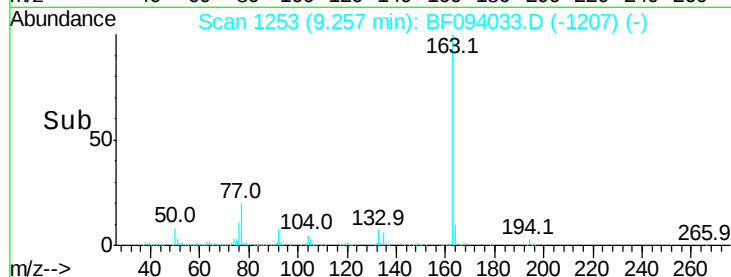
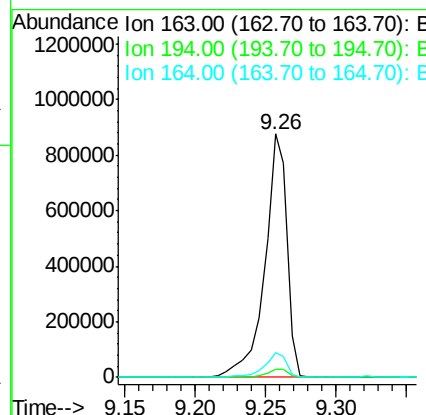
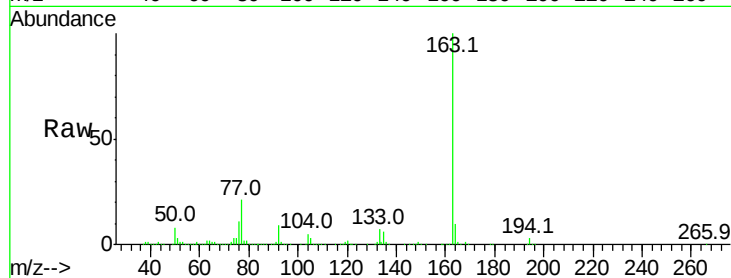
ClientSampleId :

E2-T11-BASEMS

Tot Ion:	163	Resp:	967683
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.4	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 42.74 ng

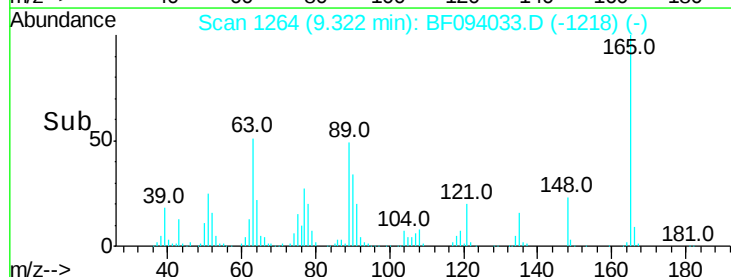
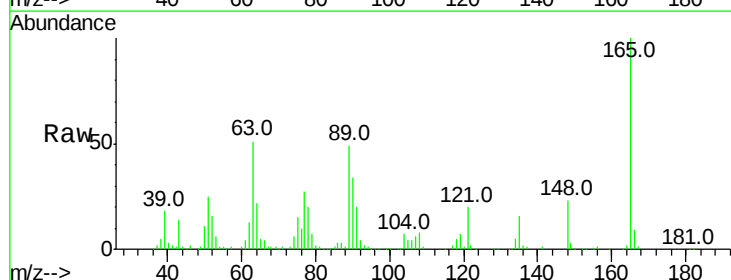
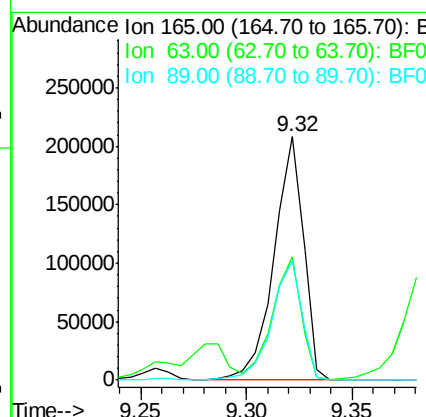
RT: 9.32 min Scan# 1264

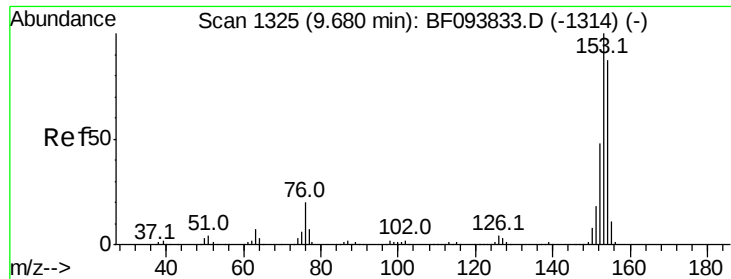
Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion:	165	Resp:	203221
Ion Ratio	Lower	Upper	
165	100		
63	50.8	34.3	51.5
89	49.2	37.1	55.7





#51

Acenaphthene

Concen: 39.99 ng

RT: 9.61 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

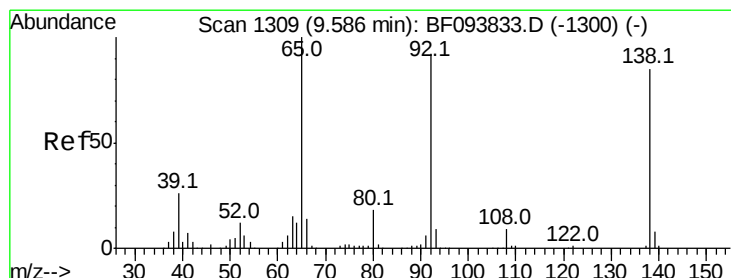
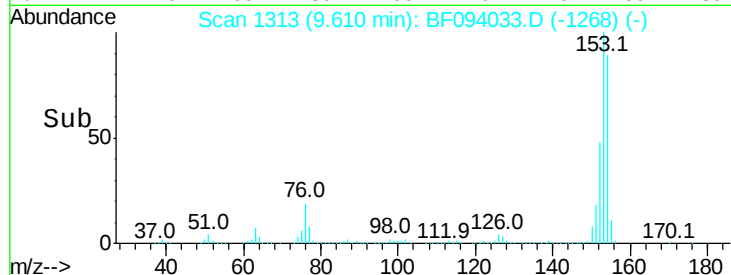
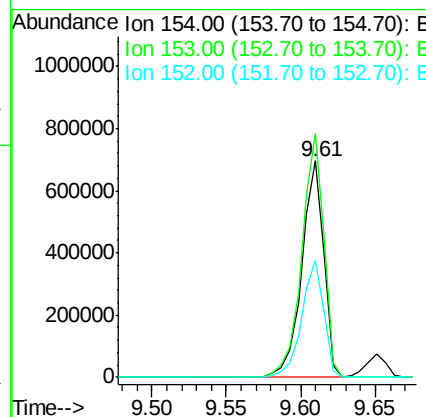
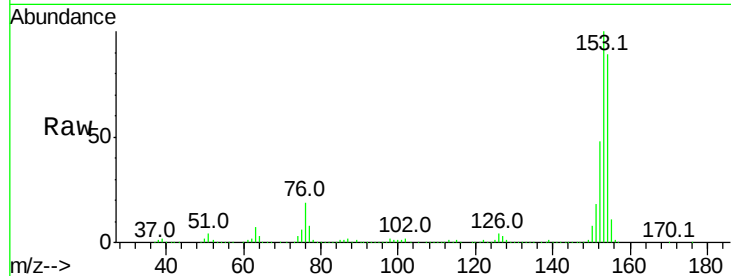
ClientSampleId :

E2-T11-BASEMS

Tot Ion:	154	Resp:	714444
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.5	135.7
152	53.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 24.26 ng

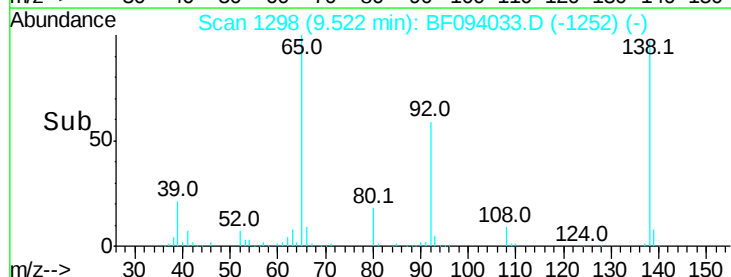
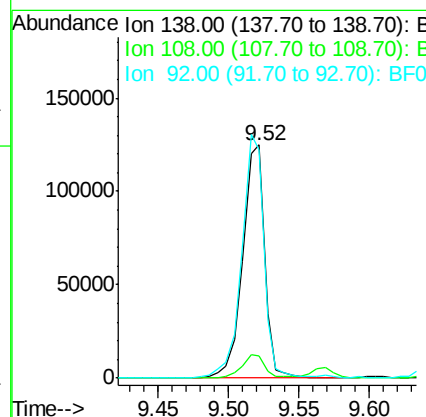
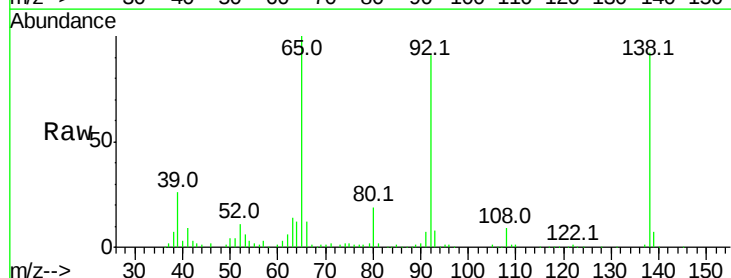
RT: 9.52 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion:	138	Resp:	135463
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.1	13.7
92	97.9	93.8	140.6





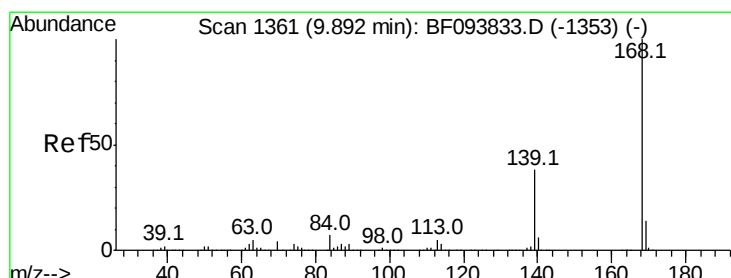
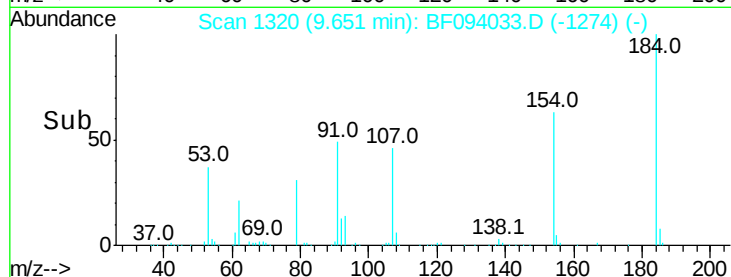
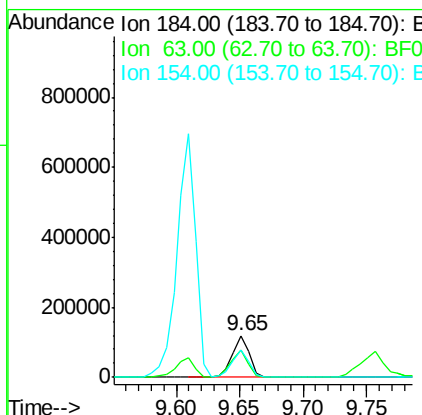
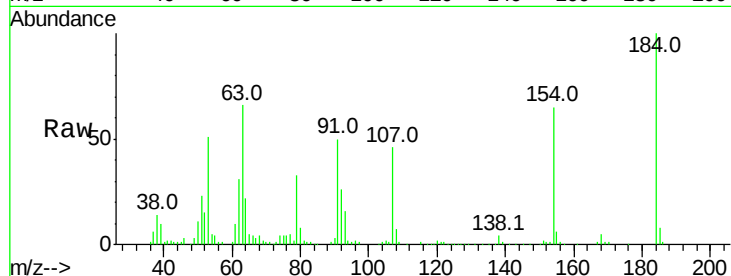
#53
 2,4-Dinitrophenol
 Concen: 46.18 ng
 RT: 9.65 min Scan# 1320
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.7	62.7	94.1
154	64.5	81.1	121.7#

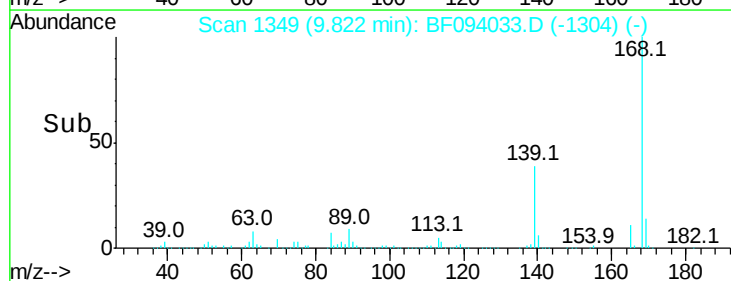
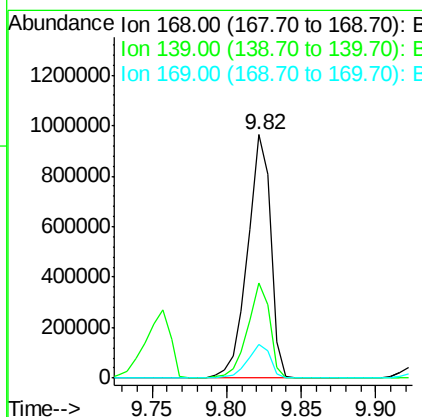
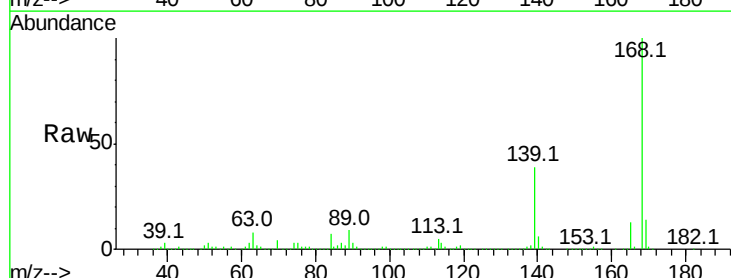
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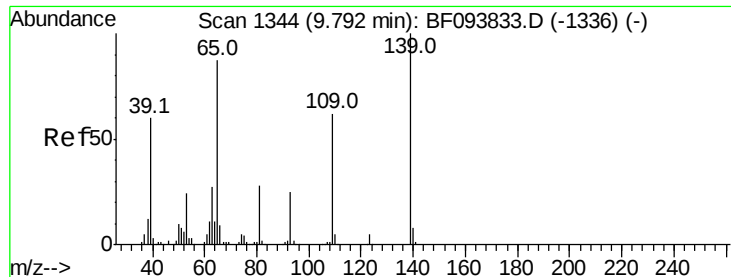
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#54
 Dibenzofuran
 Concen: 42.30 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.6	45.8
169	13.6	10.8	16.2





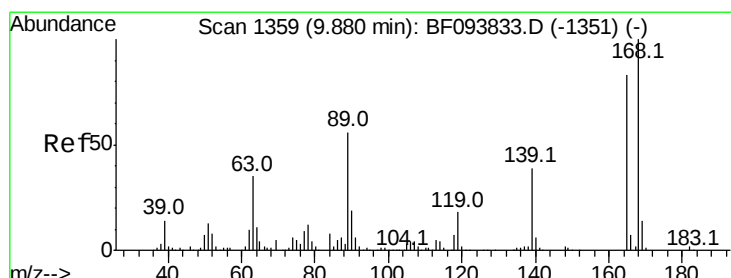
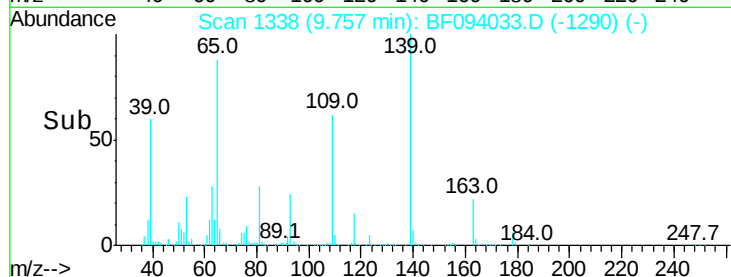
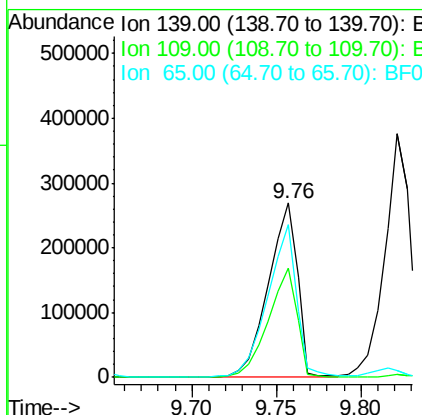
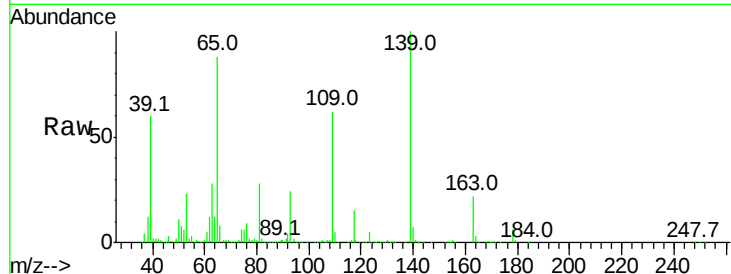
#55
4-Nitrophenol
Concen: 73.82 ng
RT: 9.76 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.5	34.1	74.1
65	88.0	31.4	71.4

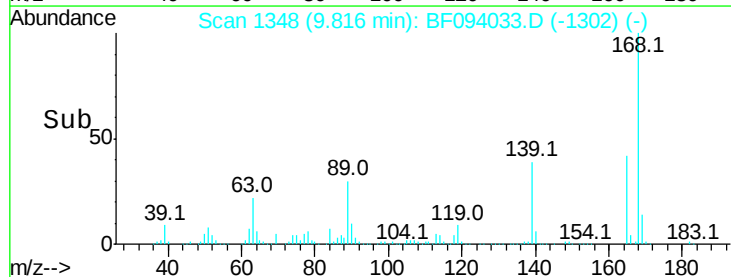
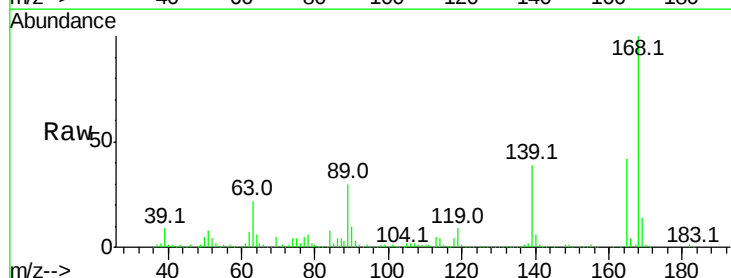
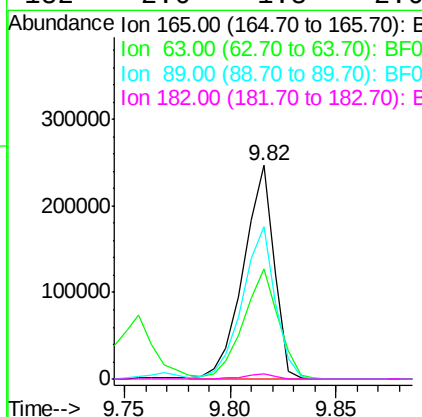
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#56
2,4-Dinitrotoluene
Concen: 41.83 ng
RT: 9.82 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.7	25.4	38.0
89	71.1	46.4	69.6
182	2.6	1.8	2.6





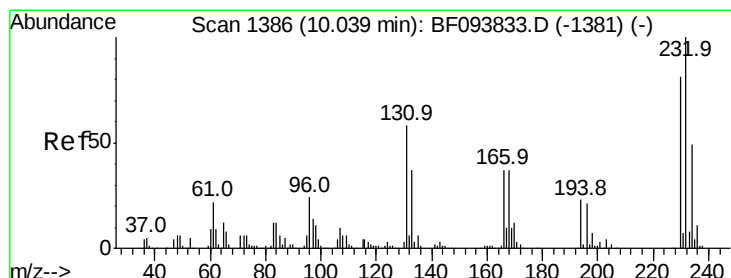
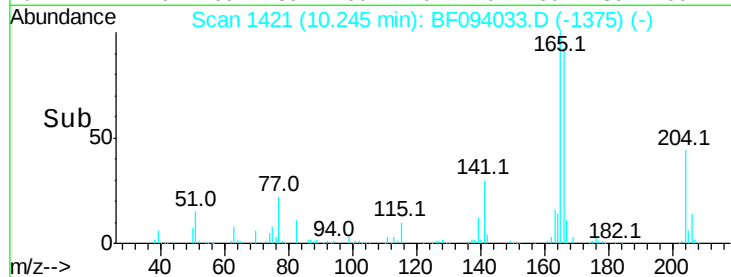
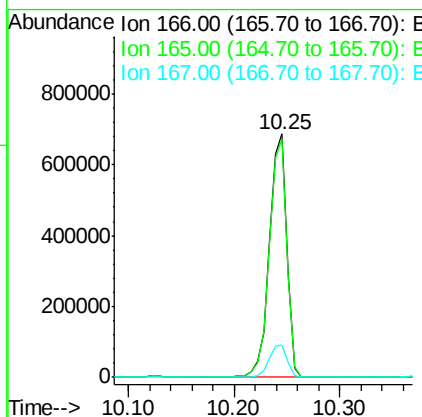
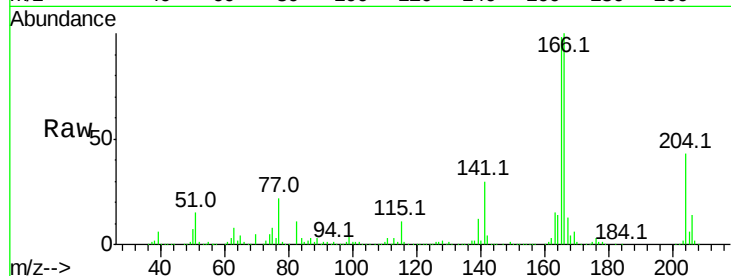
#57
Fluorene
 Concen: 38.59 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	778347		
165	98.2		78.8	118.2
167	13.2		10.6	16.0

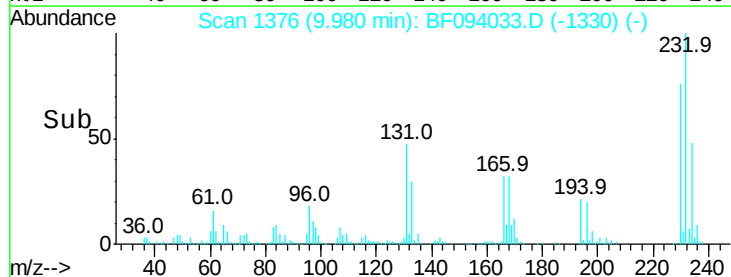
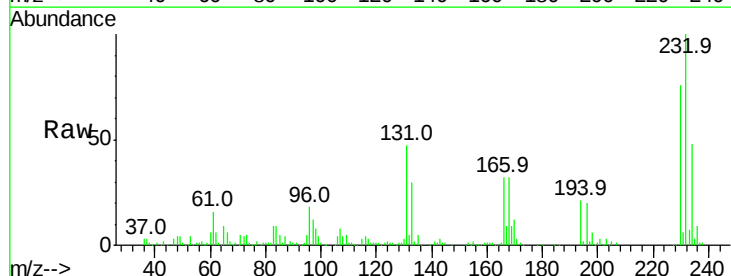
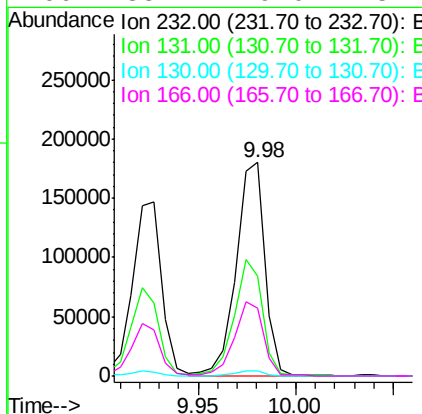
Manual Integrations
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.72 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	183283		
131	53.2		44.8	67.2
130	3.0		2.3	3.5
166	35.4		29.0	43.4





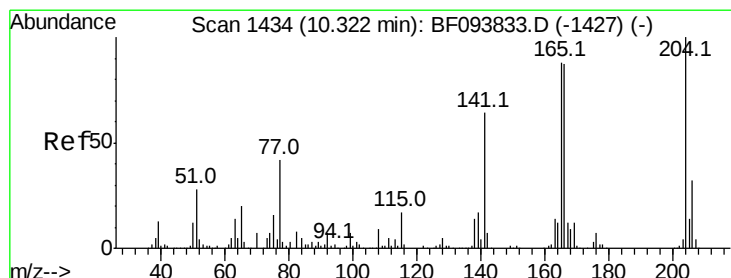
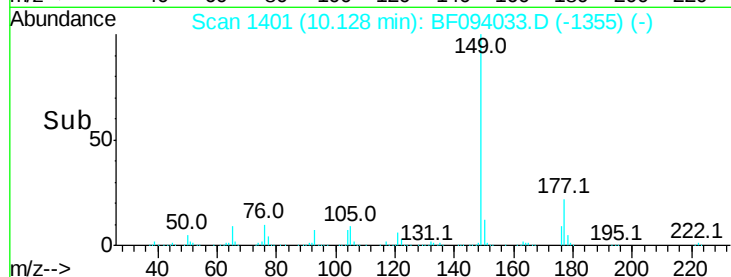
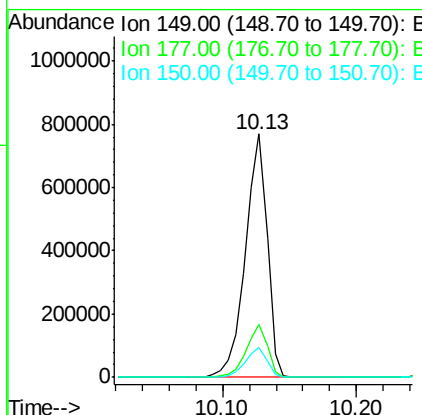
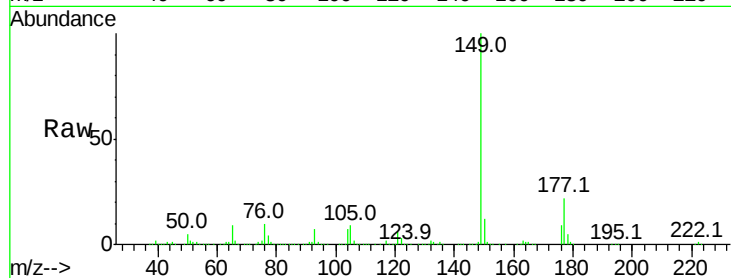
#59
Diethylphthalate
Concen: 42.03 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.4	10.2	15.2

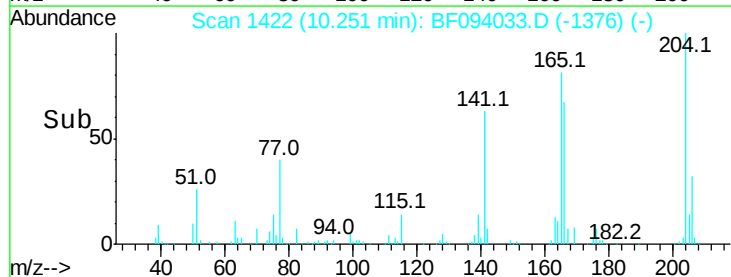
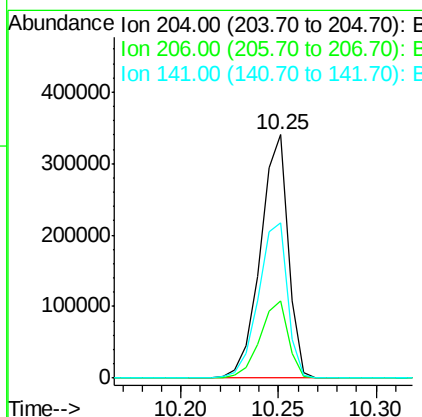
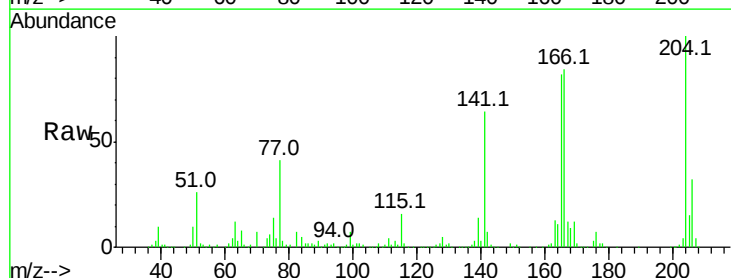
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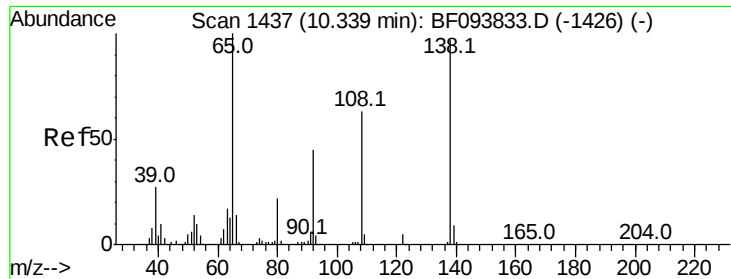
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 39.05 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	63.7	60.8	91.2





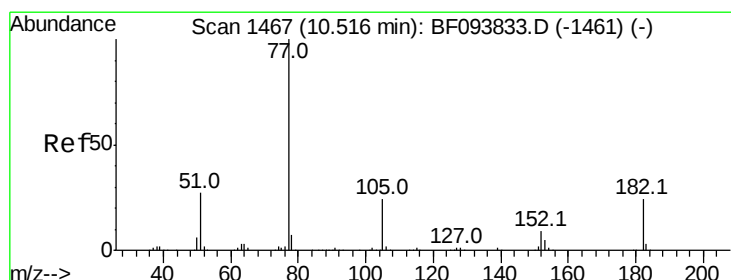
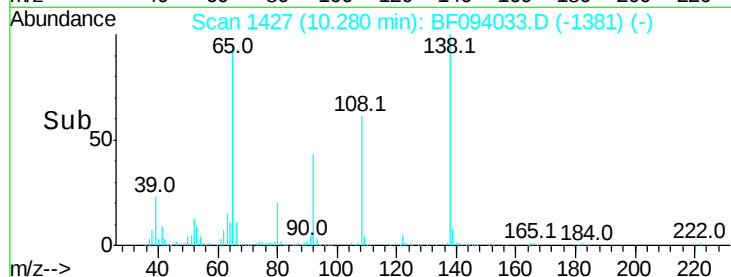
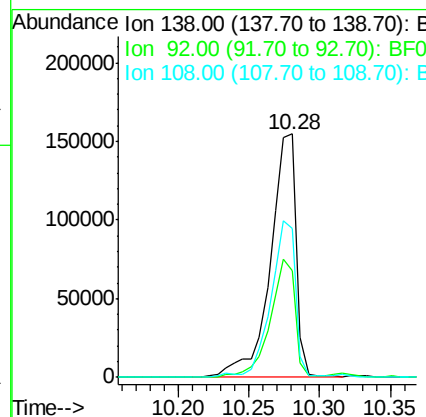
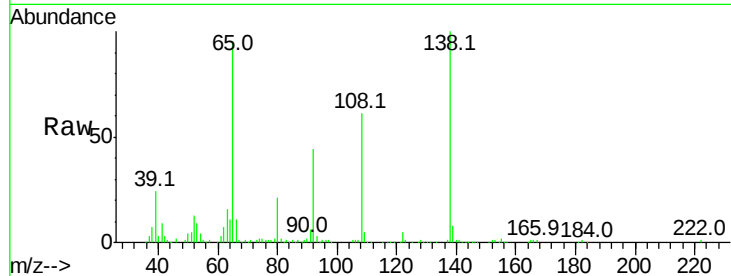
#61
4-Nitroaniline
Concen: 37.45 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.6	21.8	61.8
108	61.2	42.3	82.3

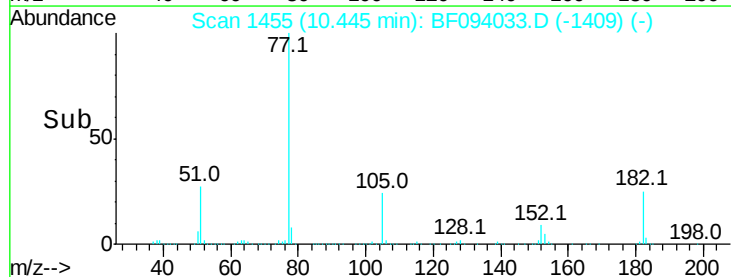
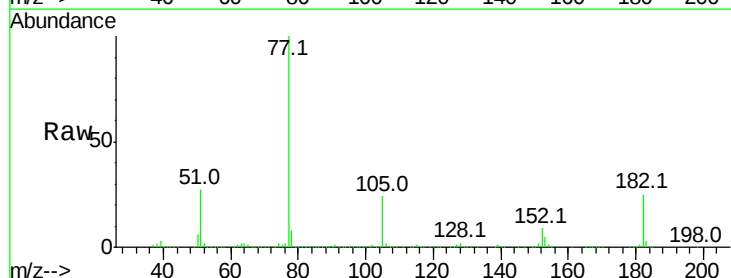
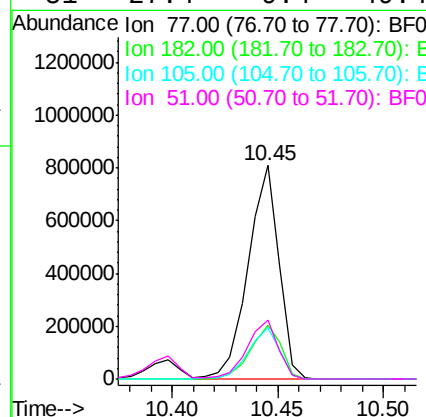
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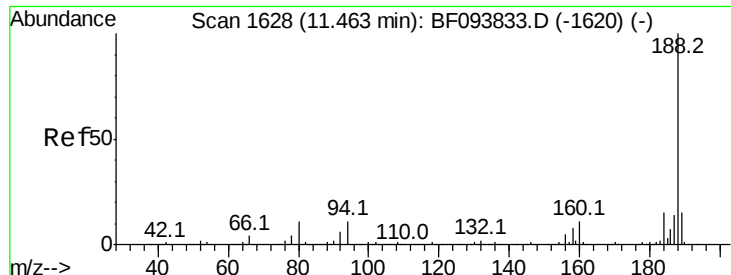
mohammad
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#62
Azobenzene
Concen: 42.18 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	0.1	40.1
105	24.0	3.6	43.6
51	27.4	9.4	49.4





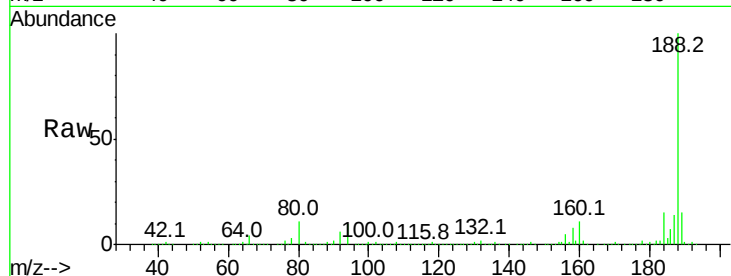
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

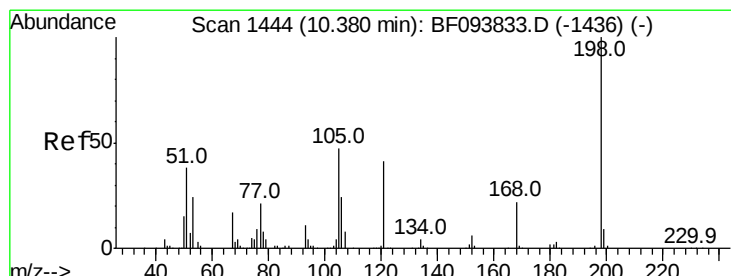
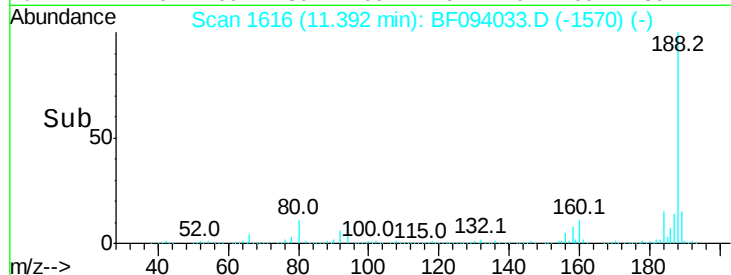
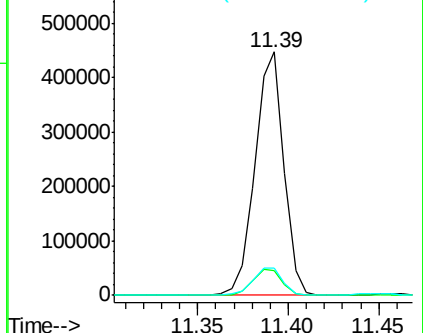
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.1	10.2	15.2

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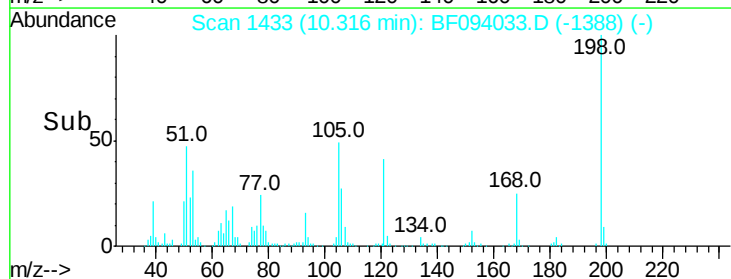
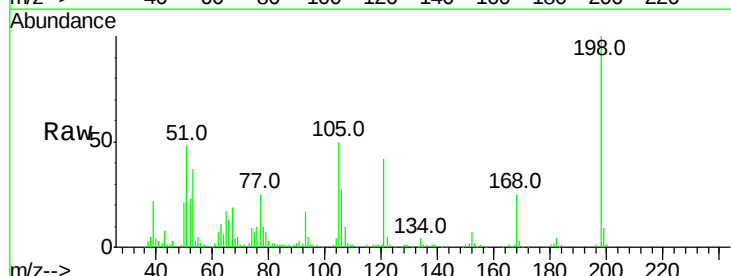
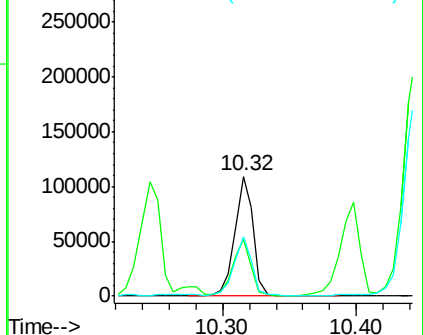
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

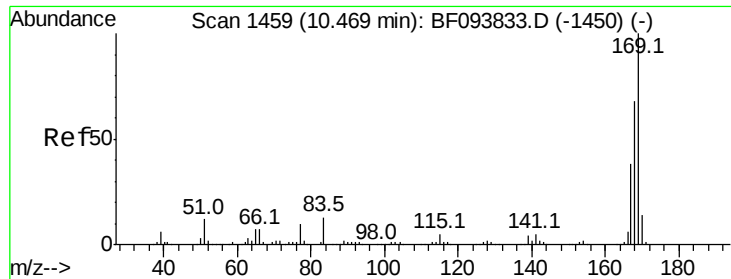


#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.13 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	47.7	53.2	93.2#
105	49.7	45.8	85.8

Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





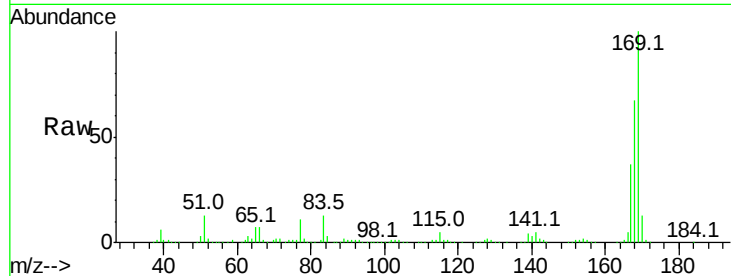
#65
n-Nitrosodiphenylamine
Concen: 40.42 ng
RT: 10.40 min Scan# 1447
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMS

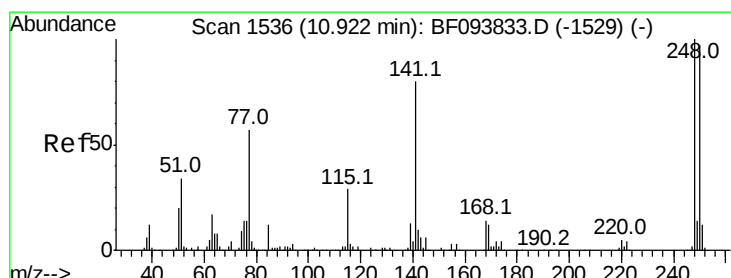
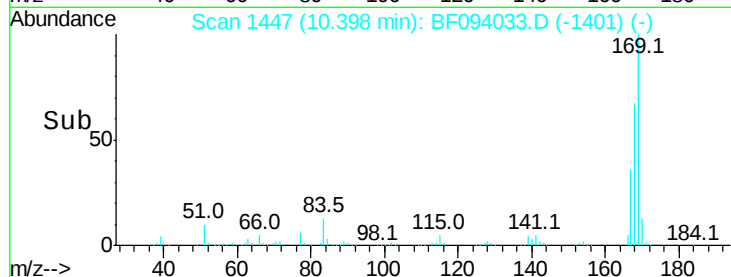
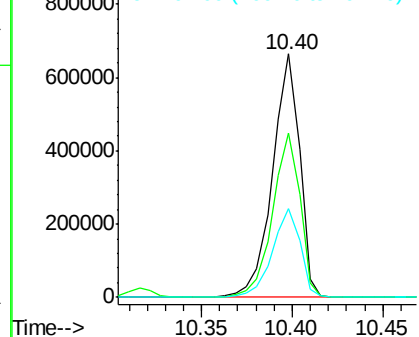
Tot Ion	Ratio	Resp	Lower	Upper
169	100	688048		
168	67.5	53.2	79.8	
167	36.6	29.5	44.3	

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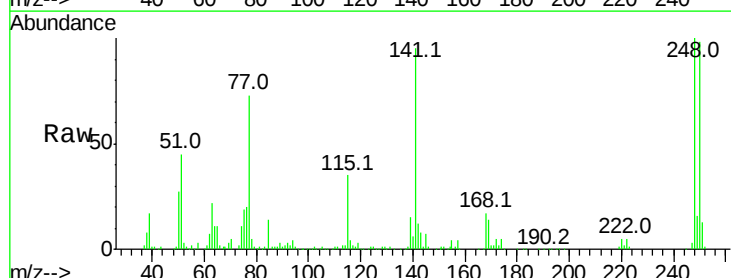


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

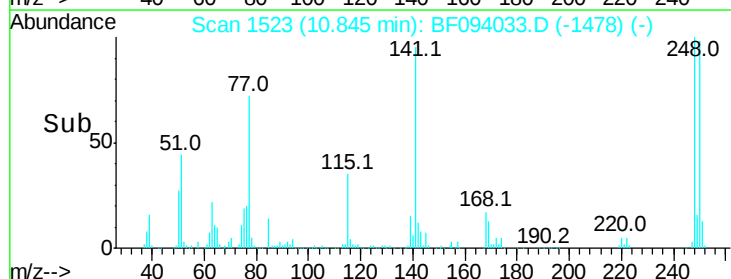
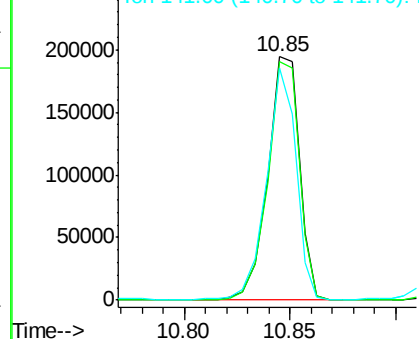


#66
4-Bromophenyl-phenylether
Concen: 42.21 ng
RT: 10.85 min Scan# 1523
Delta R.T. -0.04 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	204295		
250	98.0	76.8	115.2	
141	95.4	68.6	103.0	



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





#67

Hexachlorobenzene

Concen: 41.76 ng

RT: 10.92 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

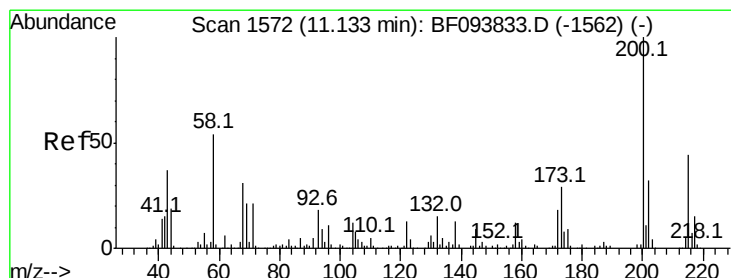
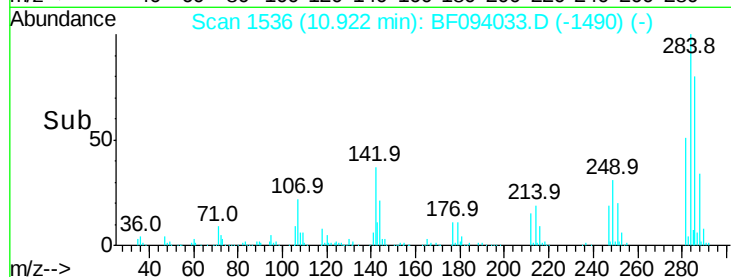
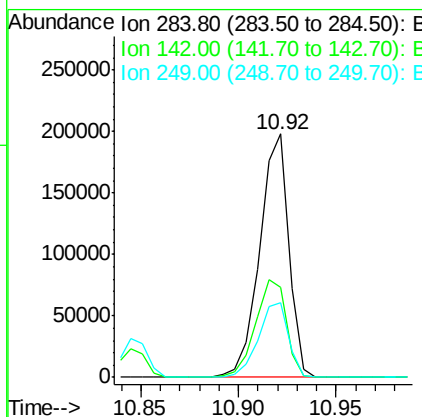
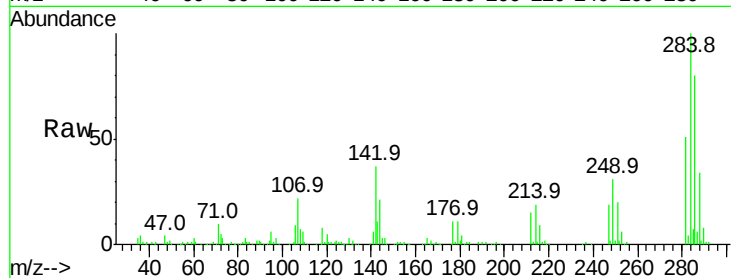
ClientSampleId :

E2-T11-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	204602		
142	37.0	22.8	34.2#	
249	30.9	24.0	36.0	

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#68

Atrazine

Concen: 42.63 ng

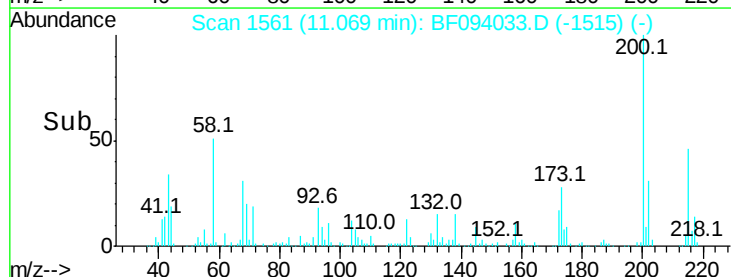
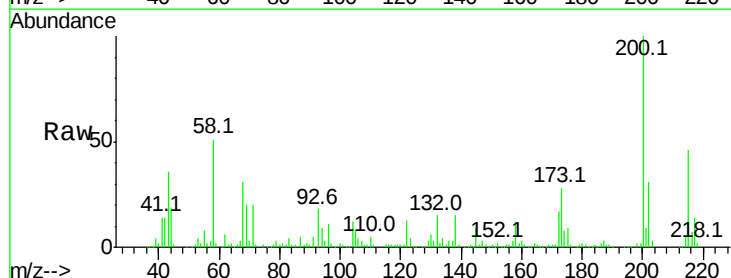
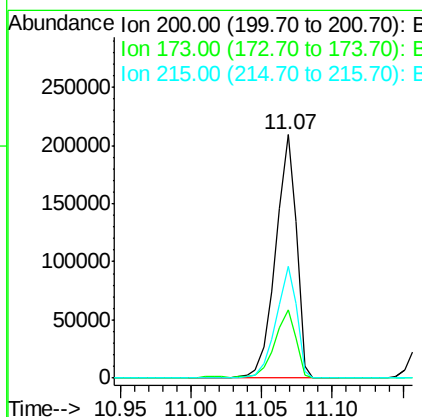
RT: 11.07 min Scan# 1561

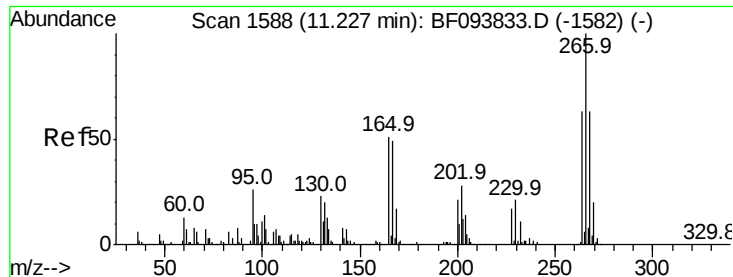
Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	217327		
173	28.3	6.3	46.3	
215	45.8	27.2	67.2	





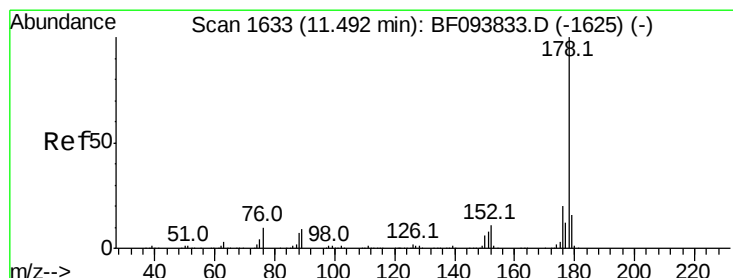
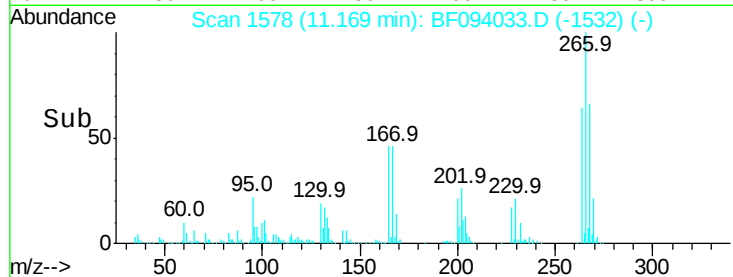
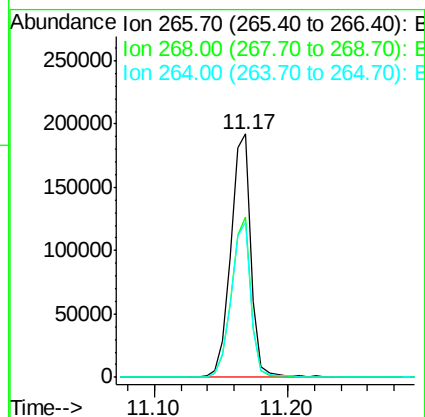
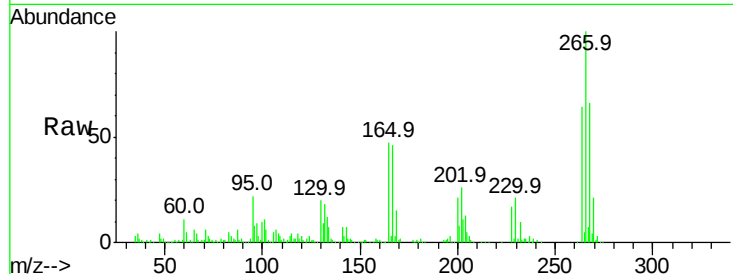
#69
 Pentachlorophenol
 Concen: 67.49 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	205839		
268	65.7		51.1	76.7
264	63.8		51.7	77.5

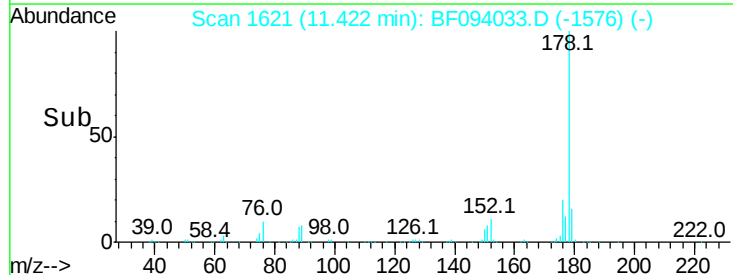
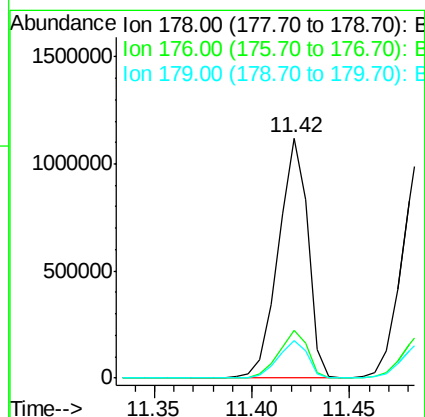
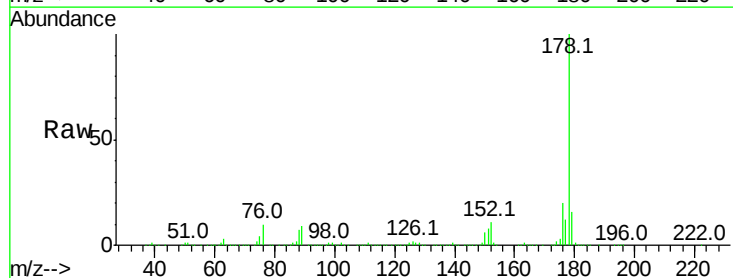
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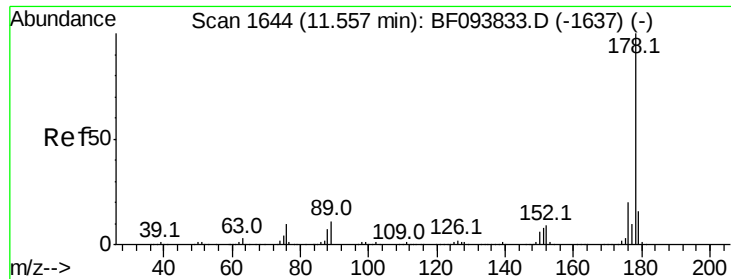
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#70
 Phenanthrene
 Concen: 42.77 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1171050		
176	19.8		16.2	24.4
179	15.7		12.6	19.0





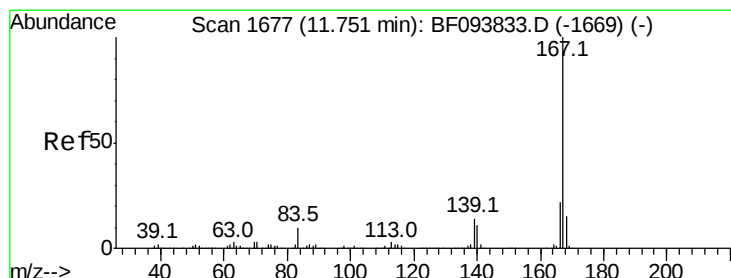
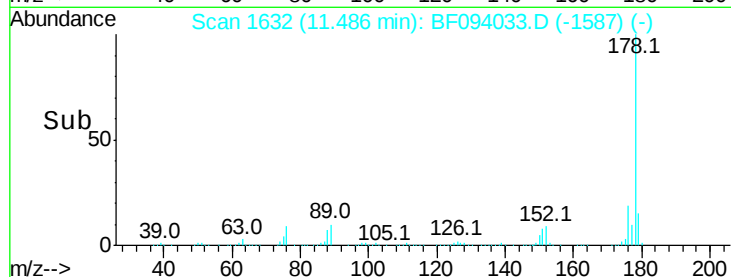
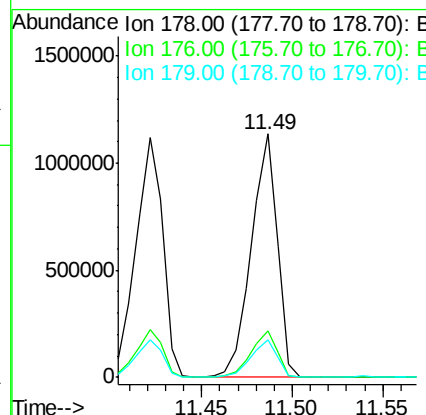
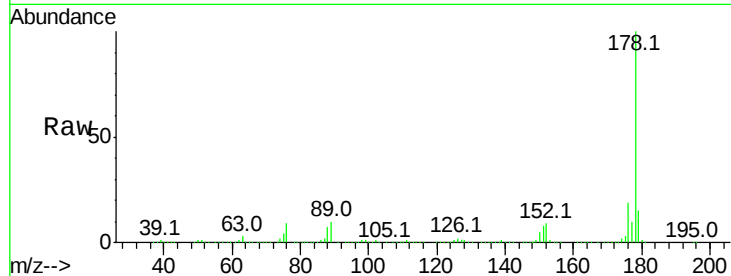
#71
 Anthracene
 Concen: 40.27 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion:178 Resp: 1135238
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.3 12.7 19.1

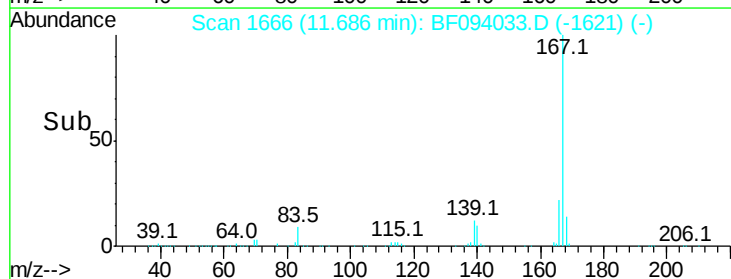
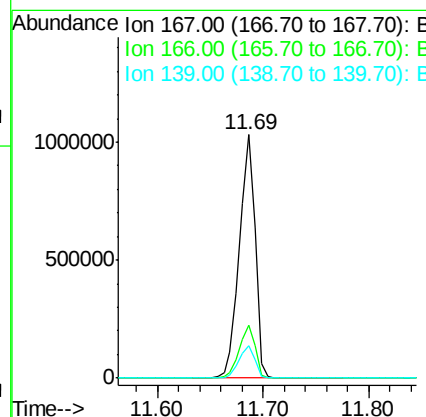
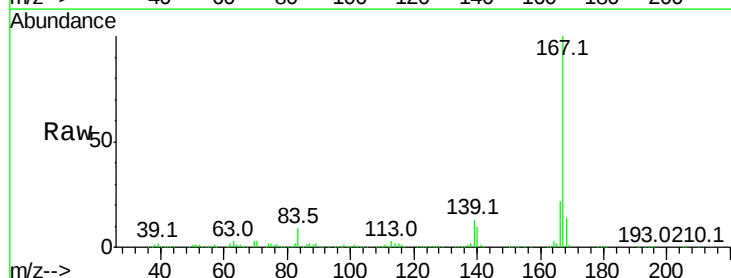
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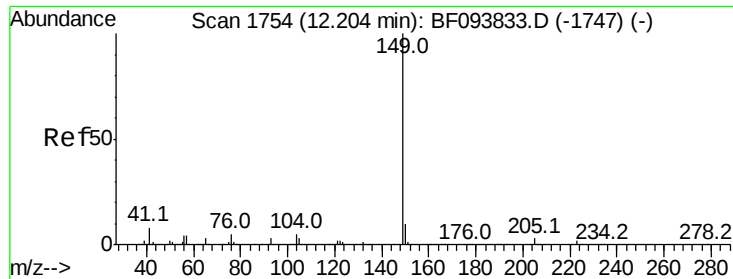
mohammad
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#72
 Carbazole
 Concen: 36.56 ng
 RT: 11.69 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion:167 Resp: 1056912
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.88 ng

RT: 12.14 min Scan# 1743

Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMS

Tot Ion:149 Resp: 1289006

Ion Ratio Lower Upper

149 100

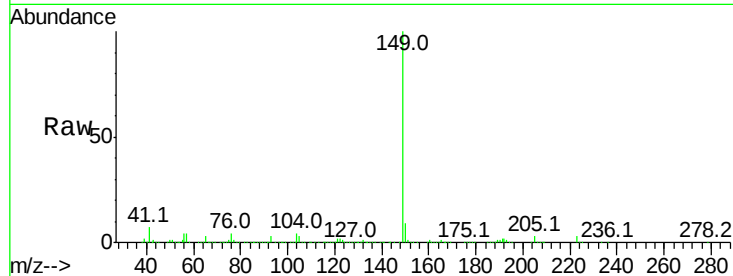
150 9.1 7.7 11.5

104 4.4 4.0 6.0

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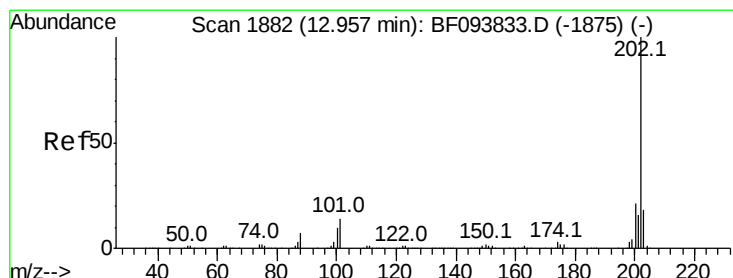
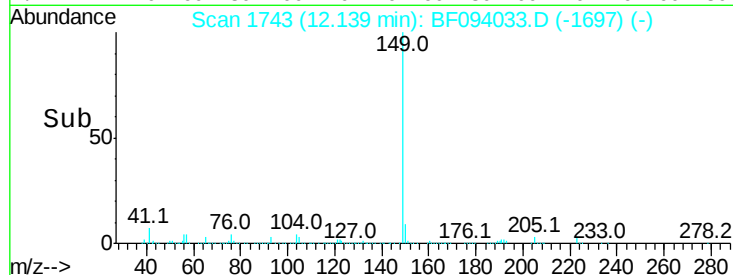
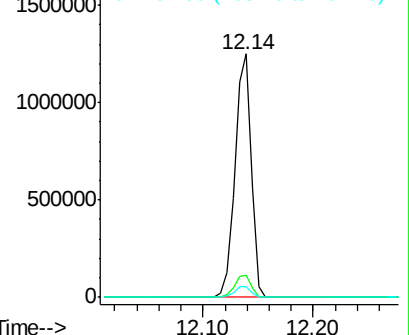
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.68 ng

RT: 12.89 min Scan# 1870

Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

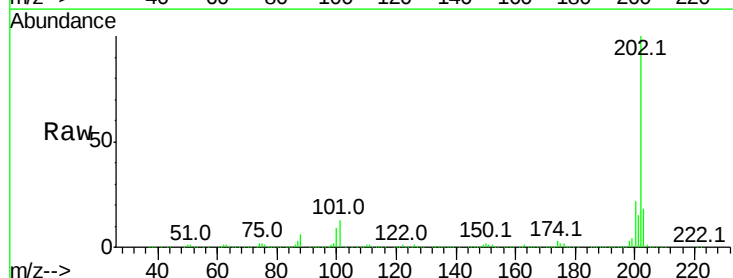
Tgt Ion:202 Resp: 1112550

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

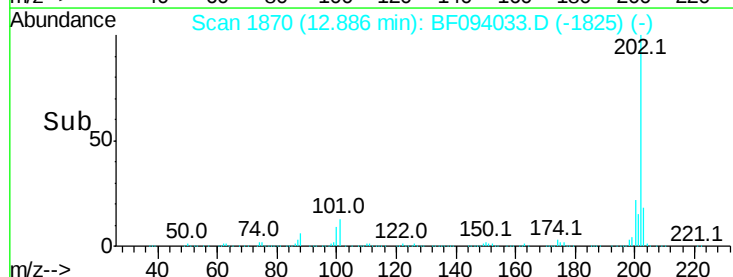
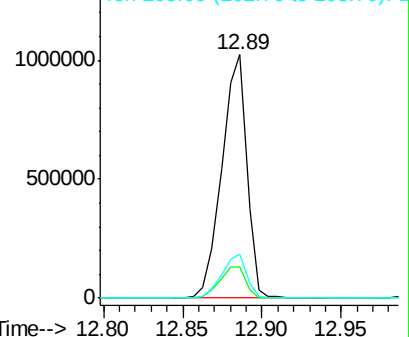
203 17.9 0.0 38.1

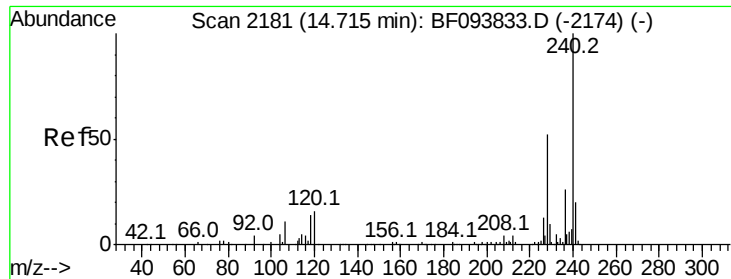


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

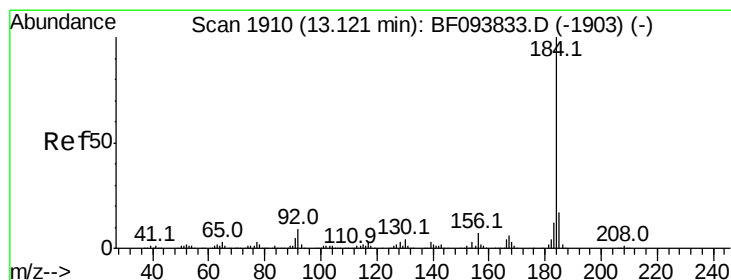
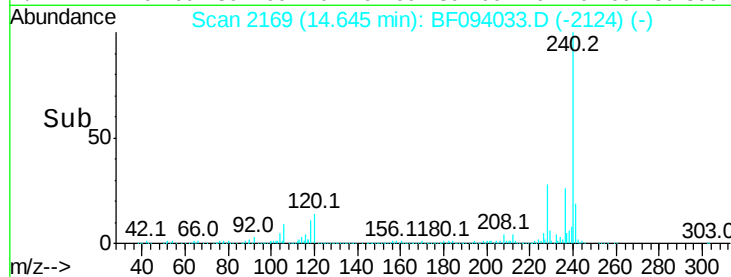
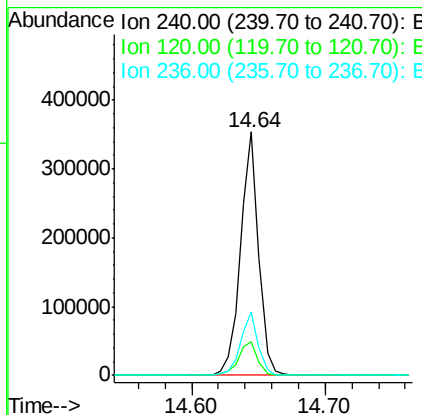
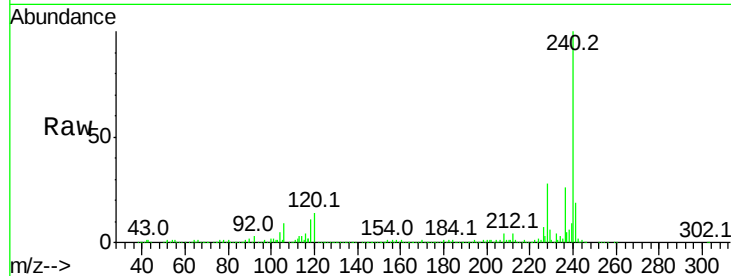
ClientSampleId :

E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.8	20.5	30.7

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#76

Benzidine

Concen: 2.83 ng

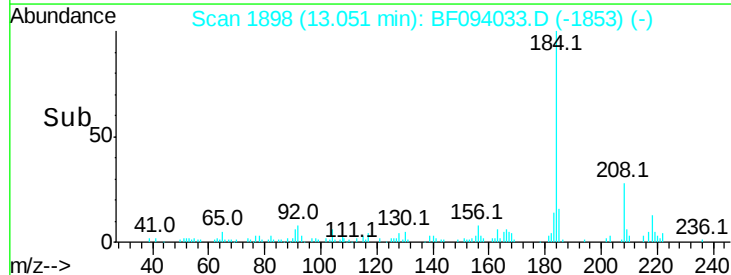
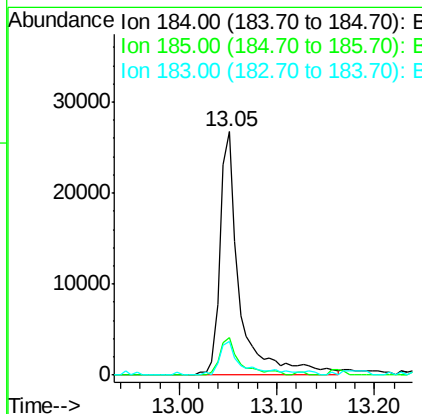
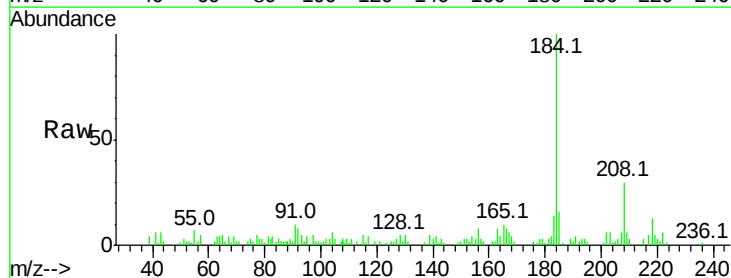
RT: 13.05 min Scan# 1898

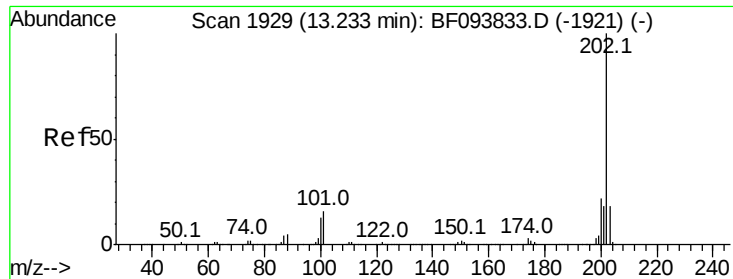
Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	15.5	23.3
183	13.8	9.8	14.6





#77

Pvrene

Concen: 47.30 ng

RT: 13.16 min Scan# 1917

Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMS

Tot Ion:202 Resp: 1143298

Ion Ratio Lower Upper

202 100

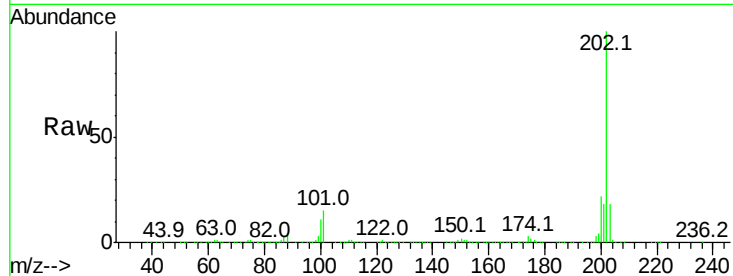
200 21.6 17.6 26.4

203 17.7 14.4 21.6

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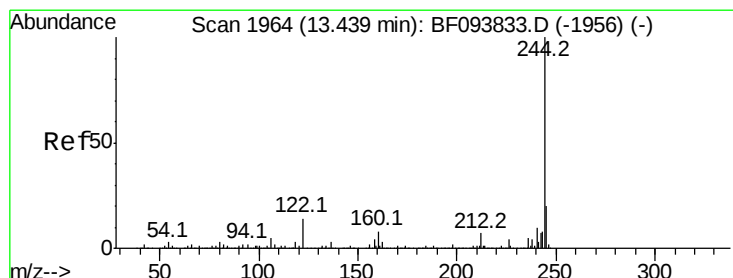
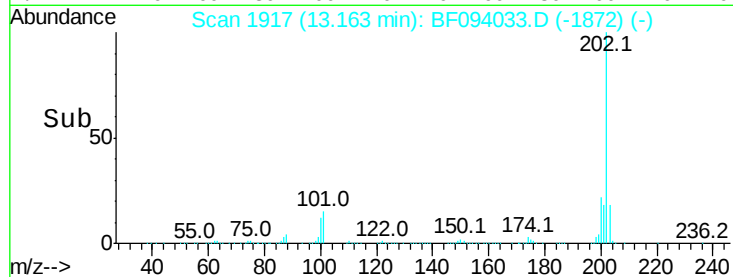
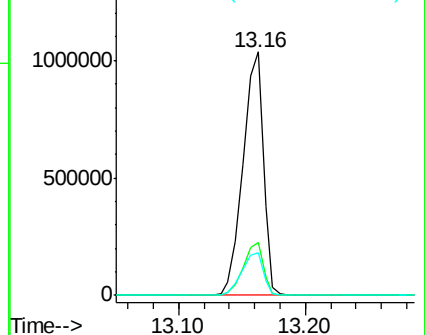
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.39 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

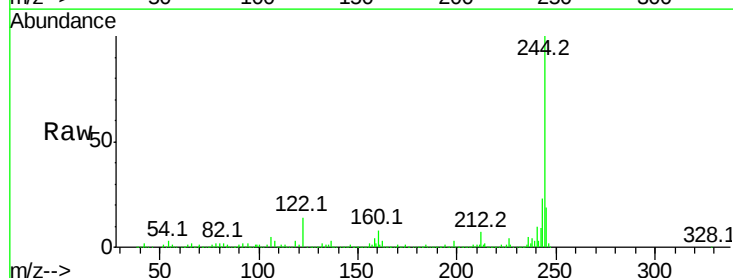
Tgt Ion:244 Resp: 1164708

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

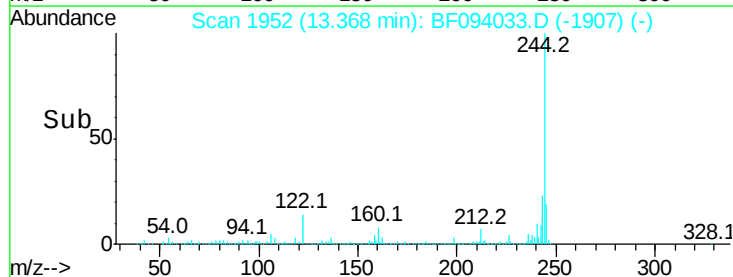
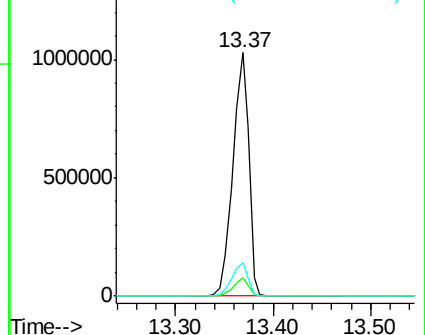
122 14.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





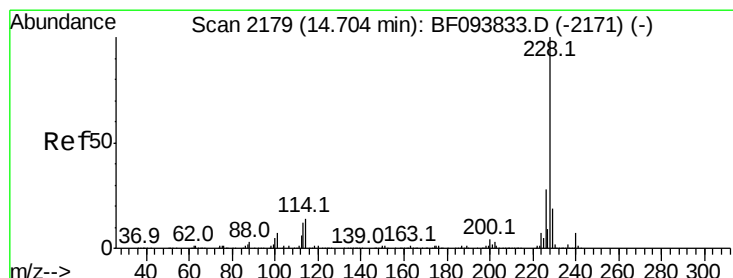
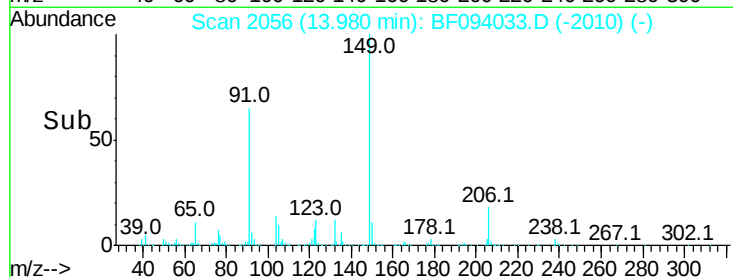
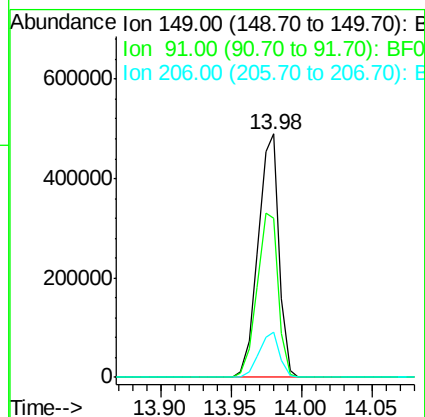
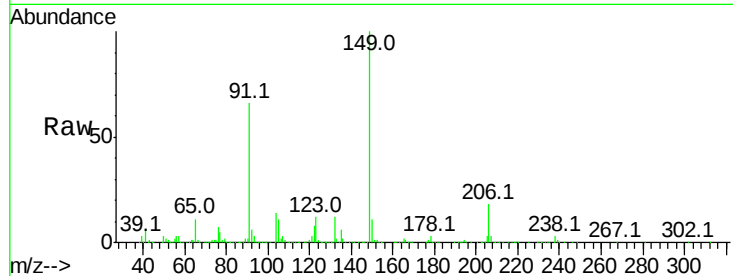
#79
Butylbenzylphthalate
Concen: 49.95 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.03 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.5	45.0	67.4
206	18.4	17.0	25.6

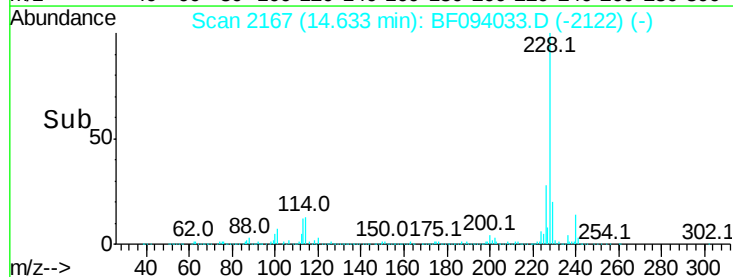
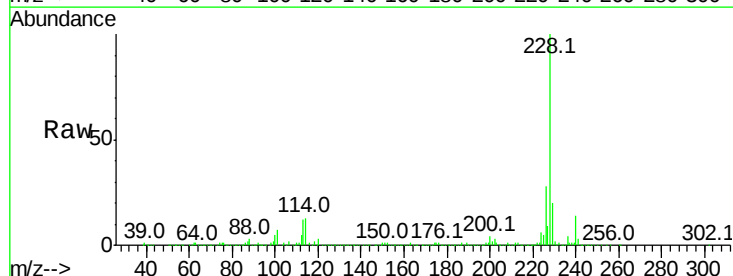
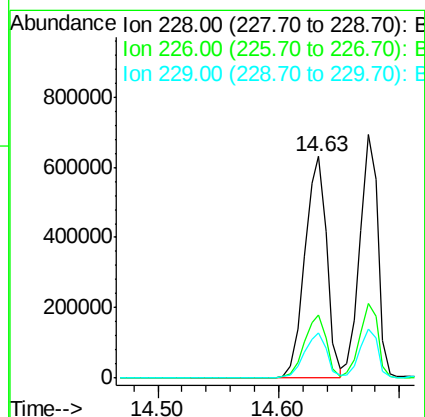
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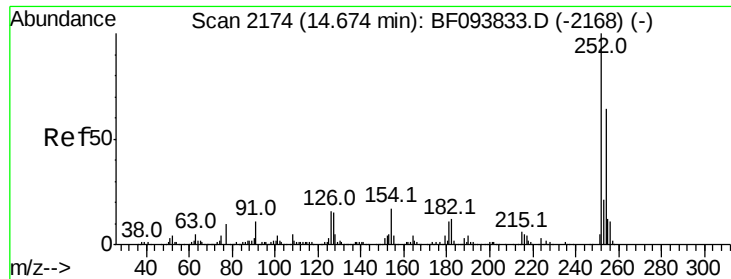
mohammad
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#80
Benzo(a)anthracene
Concen: 41.08 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.2	16.3	24.5





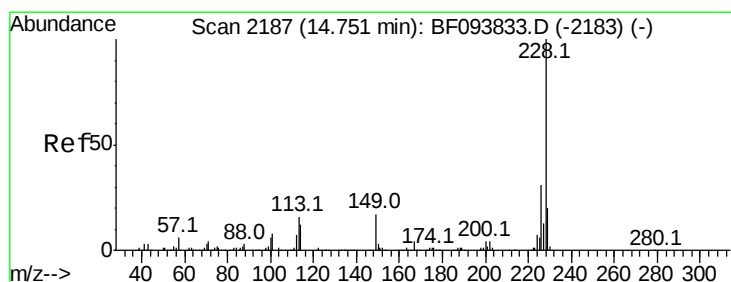
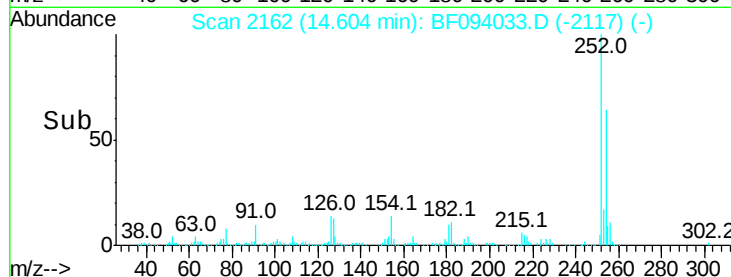
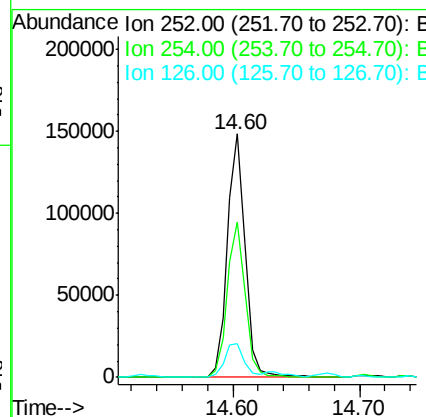
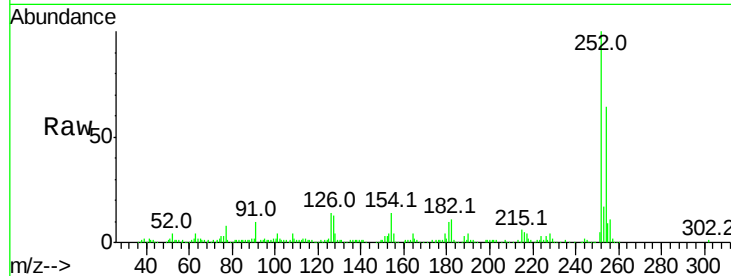
#81
 3,3'-Dichlorobenzidine
 Concen: 21.03 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	51.5	77.3
126	13.7	15.8	23.8

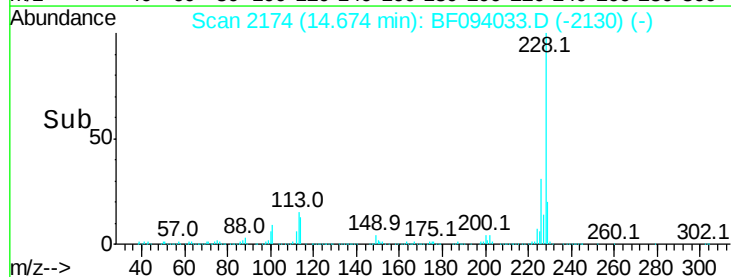
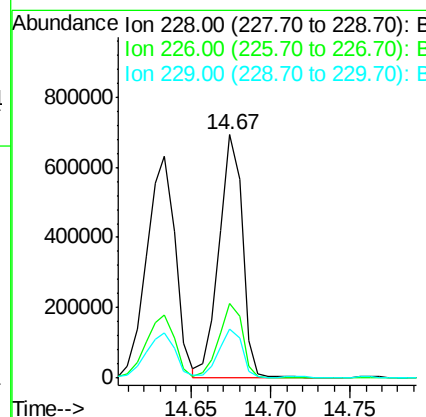
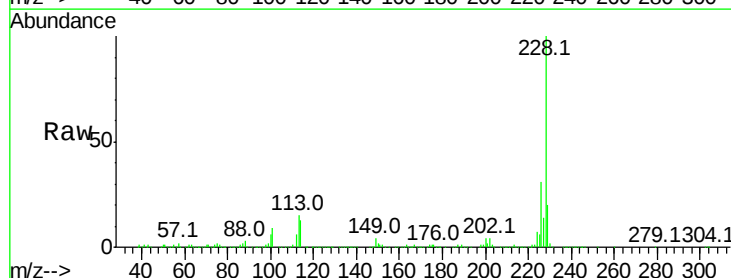
Manual Integrations
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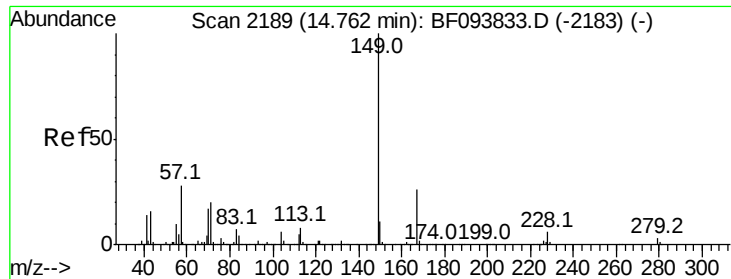
mohammad
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#82
 Chrysene
 Concen: 39.41 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.1	15.8	23.6





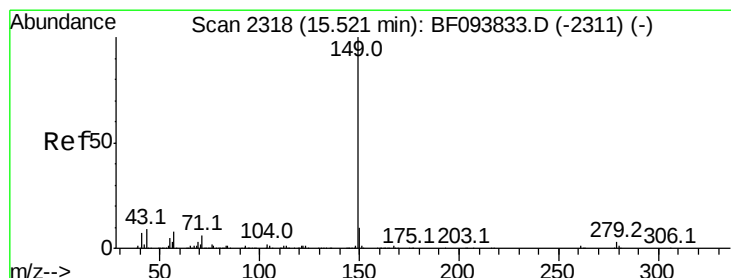
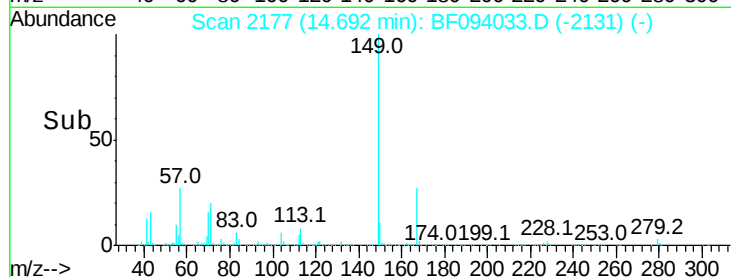
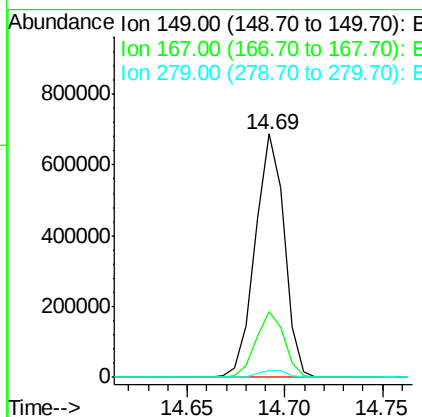
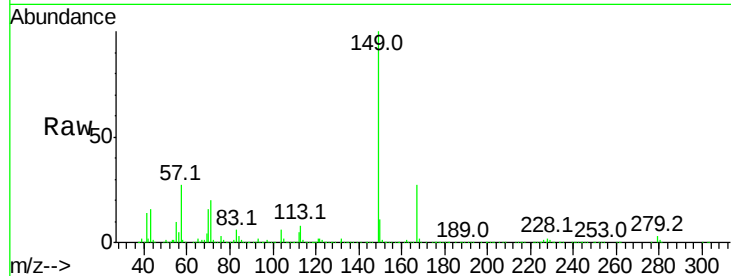
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.38 ng
 RT: 14.69 min Scan# 2177
 Delta R.T. -0.03 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.1	21.0	31.4	
279	3.0	1.9	2.9	

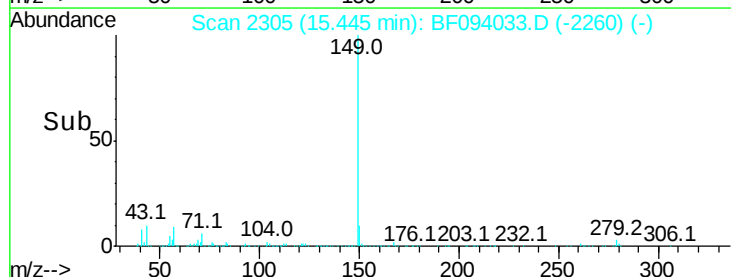
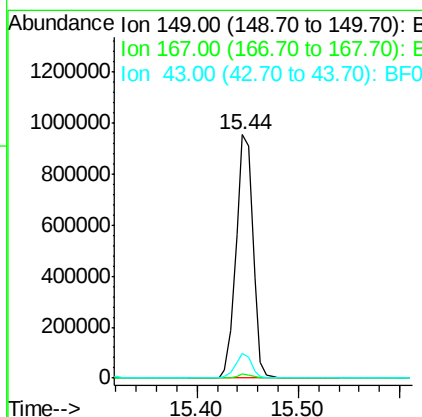
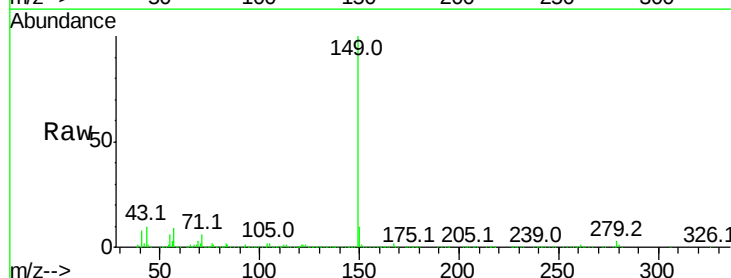
Manual Integrations
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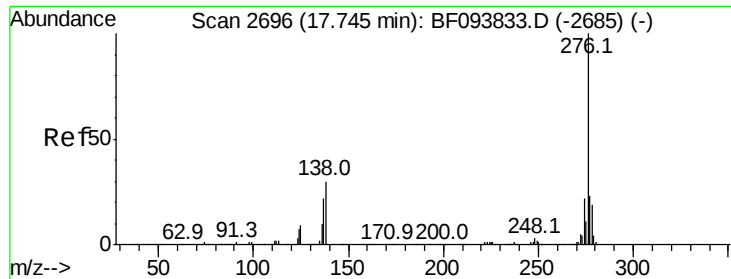
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 47.01 ng
 RT: 15.44 min Scan# 2305
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	9.4	8.5	12.7	





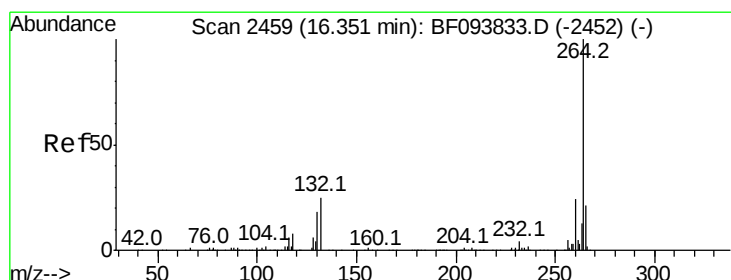
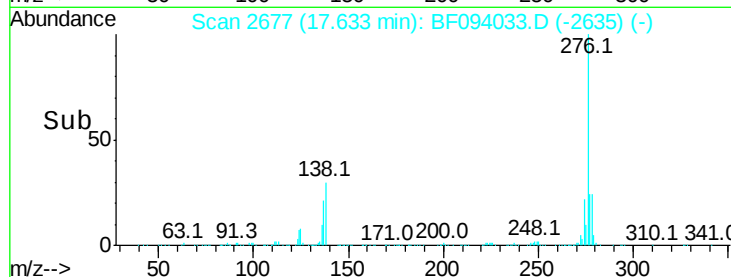
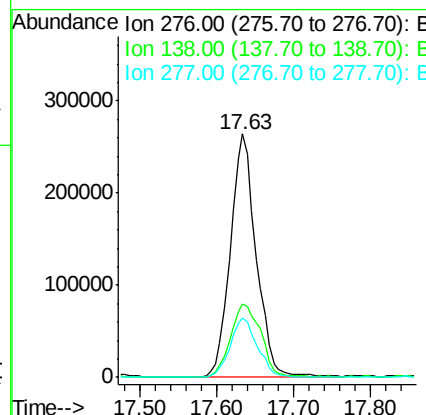
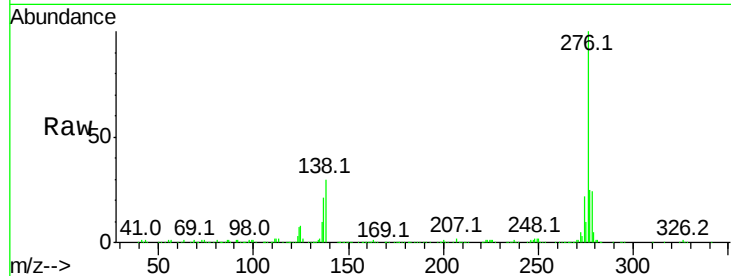
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.43 ng
 RT: 17.63 min Scan# 2677
 Delta R.T. -0.05 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.9	20.2	30.4

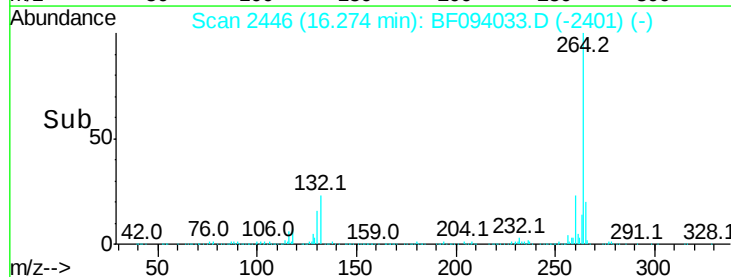
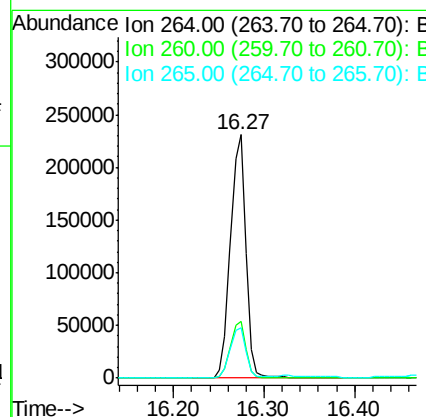
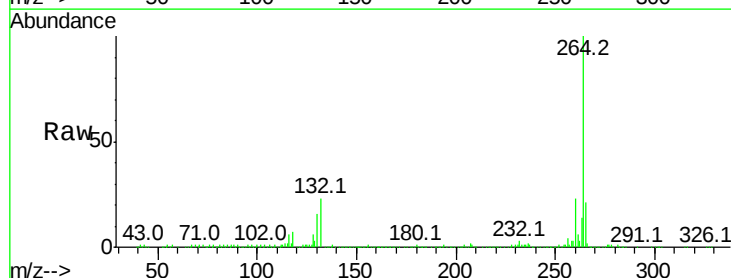
Manual Integrations
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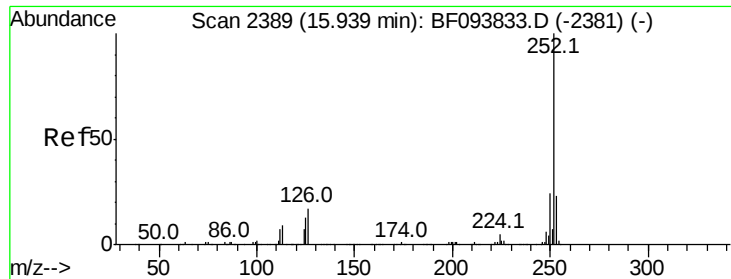
mohammad
 3/30/2017 2:32:53 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.27 ng

RT: 15.87 min Scan# 2377

Delta R.T. -0.03 min

Lab File: BF094033.D

Acq: 29 Mar 2017 22:02

Instrument :

BNA_F

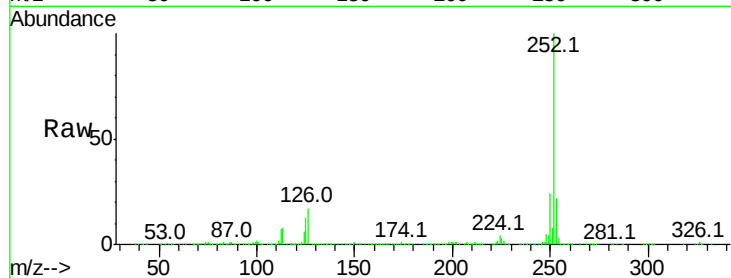
ClientSampleId :

E2-T11-BASEMS

Tot Ion:	252	Resp:	673122
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	13.0	9.8	14.8

Manual Integrations
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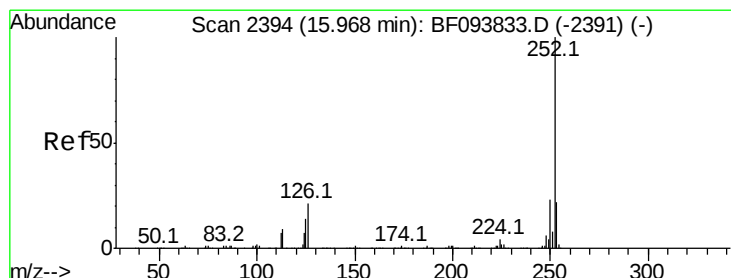
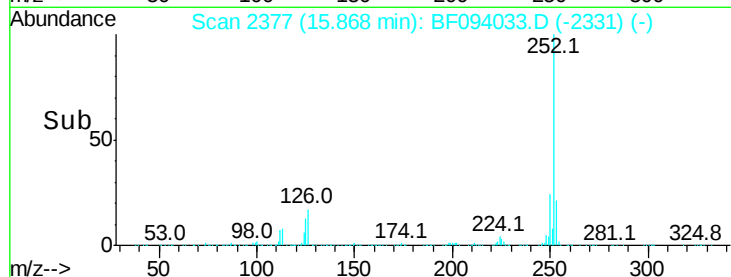
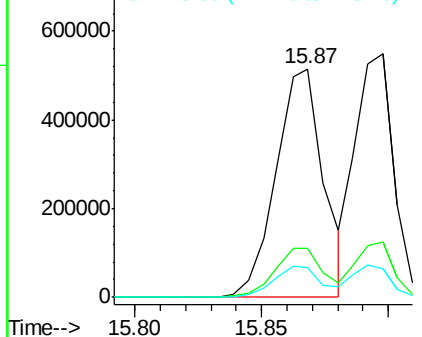
mohammad
3/30/2017 2:32:53 PM



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



#88

Benzo(k)fluoranthene

Concen: 35.34 ng

RT: 15.90 min Scan# 2382

Delta R.T. -0.04 min

Lab File: BF094033.D

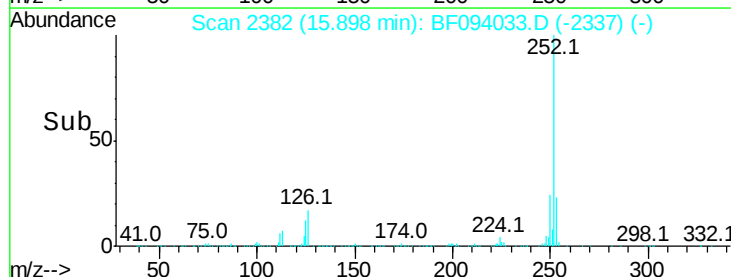
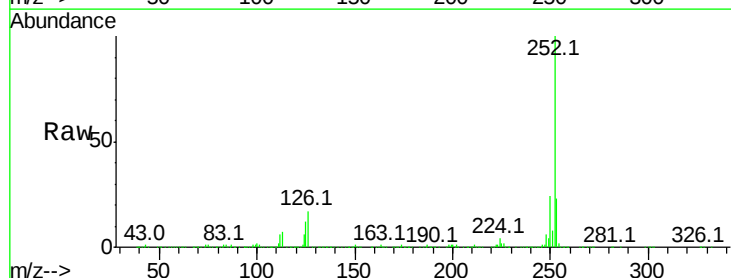
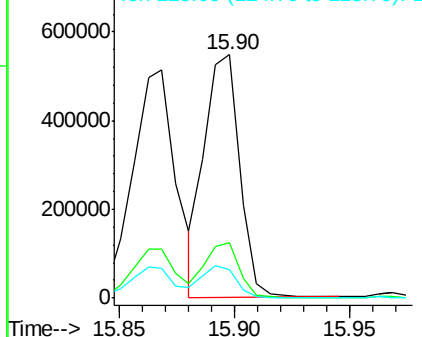
Acq: 29 Mar 2017 22:02

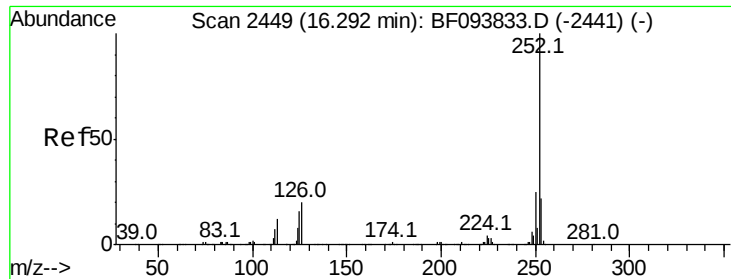
Tgt Ion:	252	Resp:	577915
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	11.8	13.1	19.7#

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





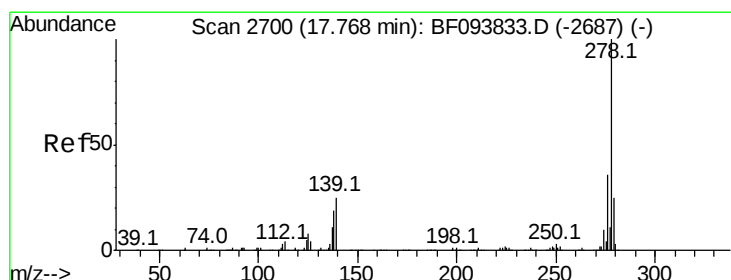
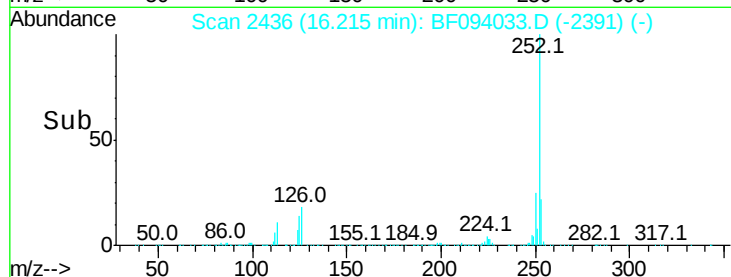
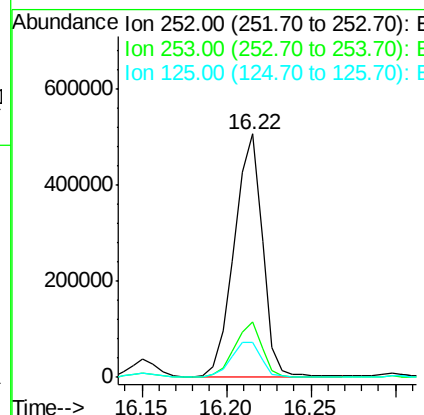
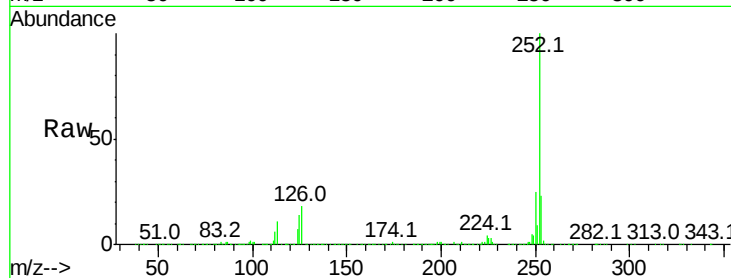
#89
Benzo(a)pyrene
Concen: 38.29 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.4	11.0	16.4

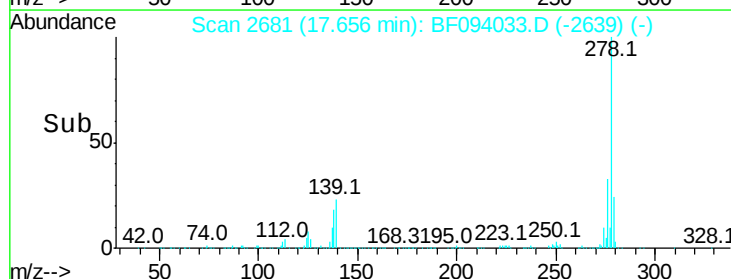
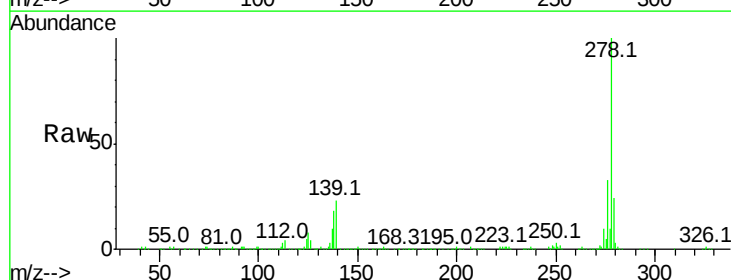
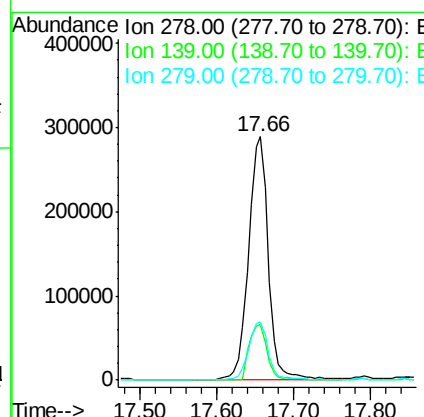
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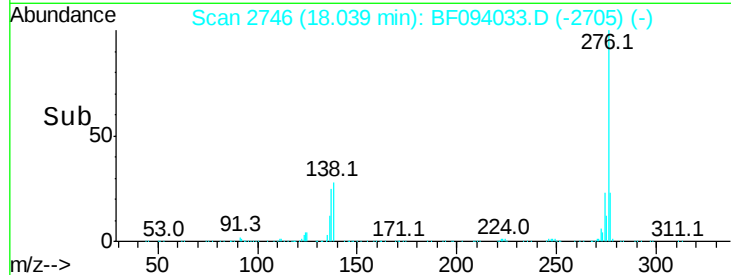
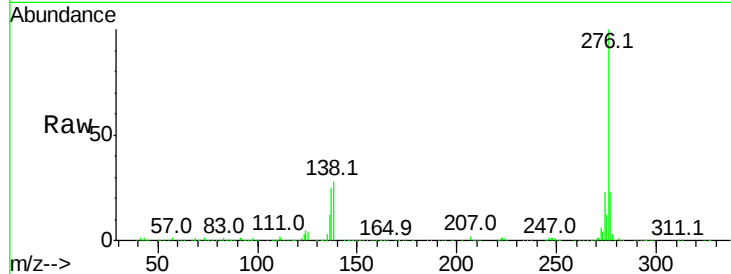
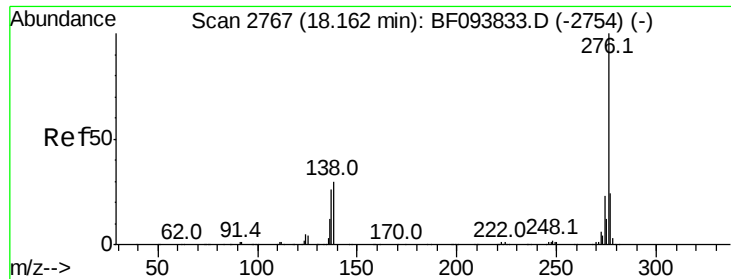
mohammad
3/30/2017 2:32:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.76 ng
RT: 17.66 min Scan# 2681
Delta R.T. -0.05 min
Lab File: BF094033.D
Acq: 29 Mar 2017 22:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 38.12 ng
 RT: 18.04 min Scan# 2746
 Delta R.T. -0.06 min
 Lab File: BF094033.D
 Acq: 29 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	28.3	25.4	38.0

Manual Integrations
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 3/30/2017 2:32:53 PM

