

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094602.D
 Acq On : 25 Apr 2017 13:49
 Operator : SJ/MA
 Sample : I2813-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Manual Integrations
 APPROVED

mohammad
 4/26/2017 2:20:43 PM

Quant Time: Apr 26 02:18:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	122584	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	490463	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	227936	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	401155	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	285165	20.00	ng	-0.01
86) Perylene-d12	16.07	264	212747	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1035484	140.14	ng	0.00
7) Phenol-d6	5.39	99	1261572	144.83	ng	0.00
23) Nitrobenzene-d5	6.41	82	784454	98.76	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	259487	145.54	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1319838	85.20	ng	-0.01
78) Terphenyl-d14	13.18	244	1120231	105.00	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	106054	24.68	ng	96
3) Pyridine	2.64	79	295410	31.45	ng	97
4) n-Nitrosodimethylamine	2.57	42	132442	34.08	ng	89
6) Aniline	5.38	93	249959	21.59	ng	# 77
8) 2-Chlorophenol	5.52	128	309267	36.78	ng	99
9) Benzaldehyde	5.25	77	101539	15.32	ng	98
10) Phenol	5.40	94	434059	40.56	ng	92
11) bis(2-Chloroethyl)ether	5.47	93	280824	35.92	ng	100
12) 1,3-Dichlorobenzene	5.69	146	324503	34.84	ng	99
13) 1,4-Dichlorobenzene	5.77	146	329188	35.13	ng	97
14) 1,2-Dichlorobenzene	5.95	146	305702	35.41	ng	96
15) Benzyl Alcohol	5.93	79	230284	35.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.08	45	377502	36.83	ng	54
17) 2-Methylphenol	6.08	107	247601	37.39	ng	93
18) Hexachloroethane	6.34	117	112299	34.95	ng	88
19) n-Nitroso-di-n-propylamine	6.24	70	216931	37.59	ng	97
20) 3+4-Methylphenols	6.26	107	347924	38.67	ng	# 62
22) Acetophenone	6.23	105	440200	36.91	ng	# 85
24) Nitrobenzene	6.42	77	307346	36.74	ng	97
25) Isophorone	6.71	82	552864	37.55	ng	96
26) 2-Nitrophenol	6.80	139	168266	37.44	ng	98
27) 2,4-Dimethylphenol	6.88	122	274581	37.62	ng	99
28) bis(2-Chloroethoxy)methane	6.97	93	358828	37.68	ng	99
29) 2,4-Dichlorophenol	7.10	162	260527	38.37	ng	98
30) 1,2,4-Trichlorobenzene	7.18	180	253854	36.16	ng	98
31) Naphthalene	7.27	128	882908	37.45	ng	100
32) Benzoic acid	7.01	122	35295	9.14	ng	91
33) 4-Chloroaniline	7.35	127	59765	6.09	ng	94
34) Hexachlorobutadiene	7.43	225	125451	35.84	ng	99
35) Caprolactam	7.80	113	80492m	37.73	ng	
36) 4-Chloro-3-methylphenol	7.98	107	270100	37.96	ng	88
37) 2-Methylnaphthalene	8.11	142	600024	37.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	231679	35.69	ng	99
40) Hexachlorocyclopentadiene	8.31	237	146268	55.71	ng	99

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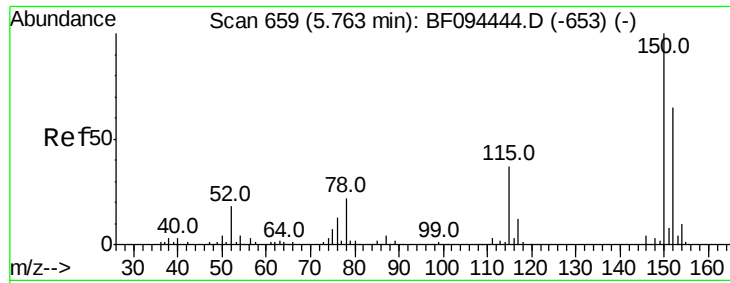
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.47	196	169664	37.22	nq	98
43) 2,4,5-Trichlorophenol	8.53	196	177466	37.91	nq	94
45) 1,1'-Biphenyl	8.69	154	671052	36.03	nq	98
46) 2-Chloronaphthalene	8.71	162	537946	36.33	nq	95
47) 2-Nitroaniline	8.84	65	158311	37.16	nq	89
48) Acenaphthylene	9.21	152	817443	35.41	nq	99
49) Dimethylphthalate	9.08	163	775769	45.67	nq	99
50) 2,6-Dinitrotoluene	9.15	165	144103	37.79	nq	# 90
51) Acenaphthene	9.42	154	500849	36.22	nq	99
52) 3-Nitroaniline	9.35	138	65988	14.96	nq	94
53) 2,4-Dinitrophenol	9.50	184	64662	34.76	nq	# 62
54) Dibenzofuran	9.64	168	738789	36.76	nq	99
55) 4-Nitrophenol	9.61	139	209589m	67.25	nq	
56) 2,4-Dinitrotoluene	9.65	165	186506	39.87	nq	# 92
57) Fluorene	10.05	166	576307	36.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	130894	39.01	nq	95
59) Diethylphthalate	9.95	149	609634	38.04	nq	98
60) 4-Chlorophenyl-phenylether	10.07	204	243175	37.34	nq	91
61) 4-Nitroaniline	10.11	138	140067	31.23	nq	98
62) Azobenzene	10.26	77	585995	37.66	nq	94
64) 4,6-Dinitro-2-methylphenol	10.15	198	78349	29.81	nq	# 77
65) n-Nitrosodiphenylamine	10.22	169	529665	37.96	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	151608	38.06	nq	94
67) Hexachlorobenzene	10.74	284	148726	37.05	nq	# 93
68) Atrazine	10.90	200	157172	37.66	nq	97
69) Pentachlorophenol	10.99	266	132315	83.01	nq	98
70) Phenanthrene	11.23	178	857749	37.97	nq	99
71) Anthracene	11.30	178	863619	36.96	nq	99
72) Carbazole	11.51	167	820601	37.42	nq	97
73) Di-n-butylphthalate	11.95	149	978984	40.54	nq	98
74) Fluoranthene	12.69	202	901473	38.50	nq	98
76) Benzidine	12.87	184	278265	24.10	nq	# 94
77) Pyrene	12.97	202	892768	44.81	nq	99
79) Butylbenzylphthalate	13.79	149	386670	44.28	nq	# 85
80) Benzo(a)anthracene	14.44	228	630665	38.05	nq	99
81) 3,3'-Dichlorobenzidine	14.41	252	100863	17.19	nq	98
82) Chrysene	14.48	228	581020	38.36	nq	100
83) Bis(2-ethylhexyl)phthalate	14.51	149	530790	45.28	nq	# 99
84) Di-n-octyl phthalate	15.26	149	748124	38.04	nq	96
85) Indeno(1,2,3-cd)pyrene	17.35	276	549231	38.11	nq	99
87) Benzo(b)fluoranthene	15.68	252	488593	37.54	nq	99
88) Benzo(k)fluoranthene	15.71	252	450086	36.54	nq	# 95
89) Benzo(a)pyrene	16.02	252	456383	37.69	nq	98
90) Dibenzo(a,h)anthracene	17.37	278	446405	44.40	nq	99
91) Benzo(g,h,i)perylene	17.72	276	480861	46.98	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

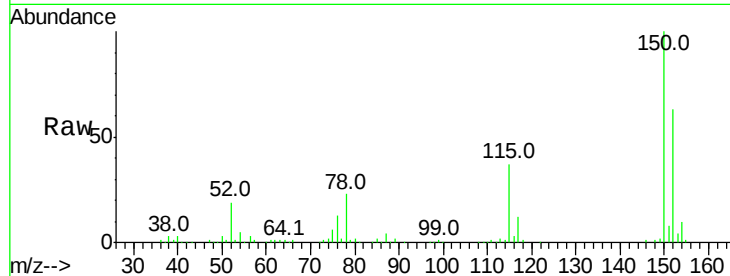
ClientSampleId :

E2-W8-BASEMSD

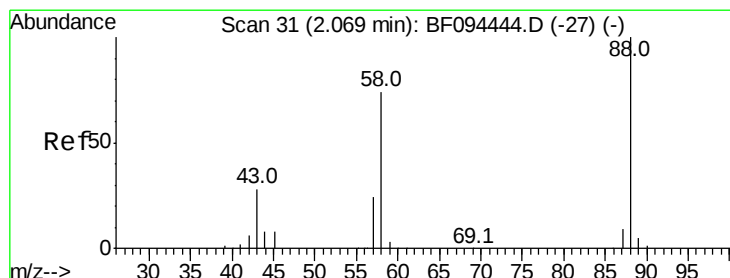
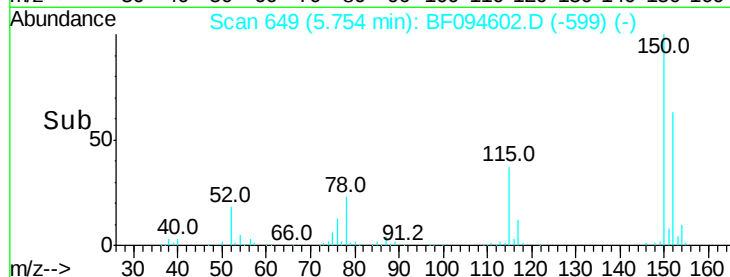
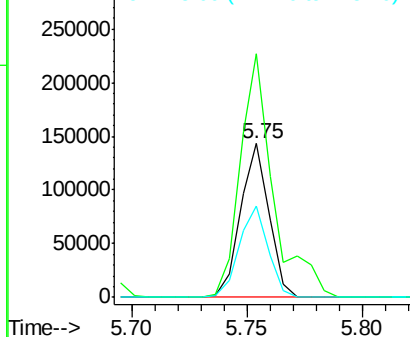
Tot Ion:	152	Resp:	122584
Ion Ratio	Lower	Upper	
152	100		
150	158.3	126.2	189.2
115	59.2	52.2	78.2

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



#2

1,4-Dioxane

Concen: 24.68 ng

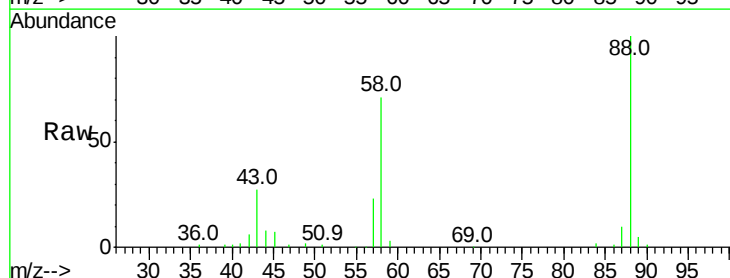
RT: 2.10 min Scan# 28

Delta R.T. 0.03 min

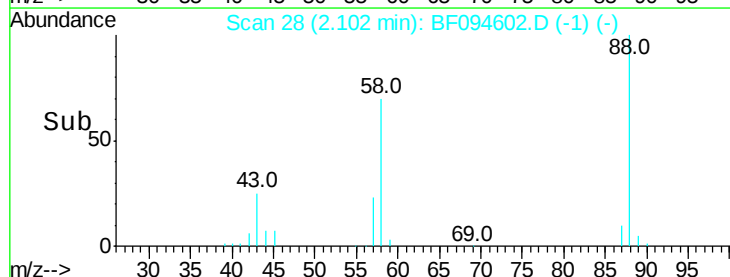
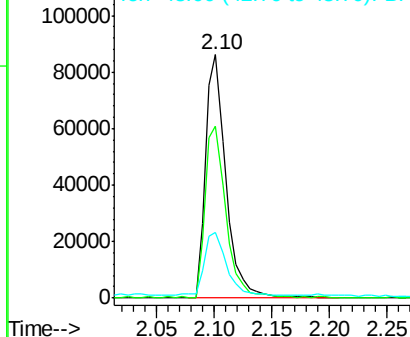
Lab File: BF094602.D

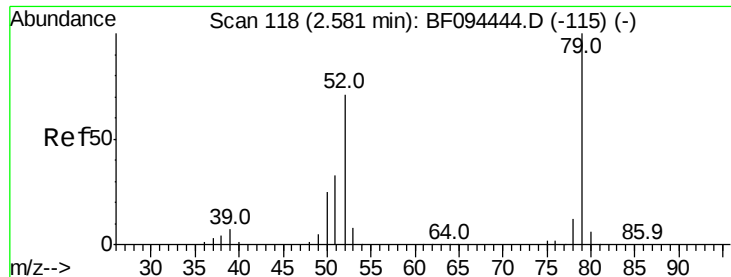
Acq: 25 Apr 2017 13:49

Tgt Ion:	88	Resp:	106054
Ion Ratio	Lower	Upper	
88	100		
58	72.7	61.4	92.0
43	28.4	23.4	35.0



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





#3

Pvridine

Concen: 31.45 ng

RT: 2.64 min Scan# 119

Delta R.T. 0.06 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

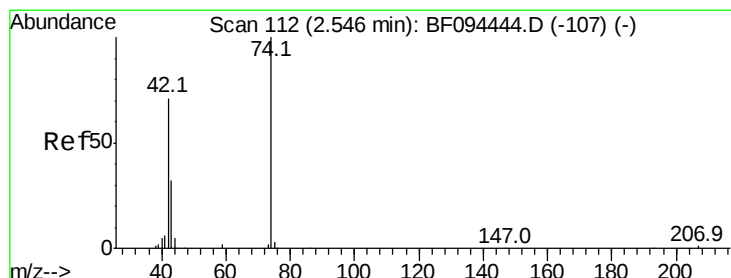
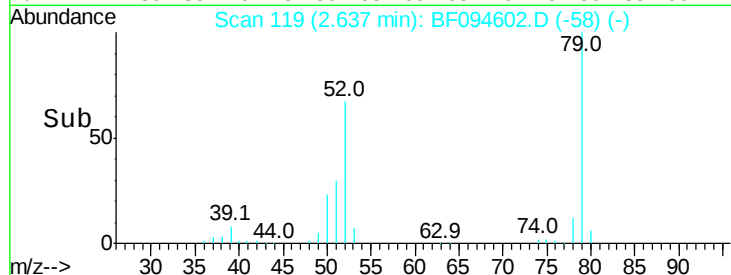
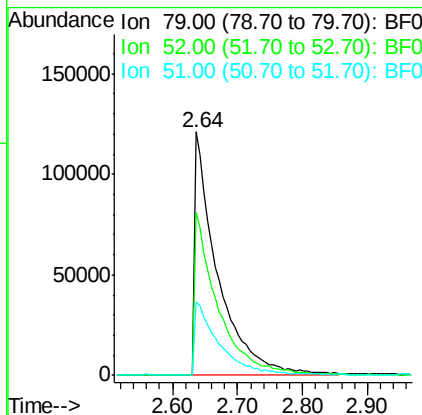
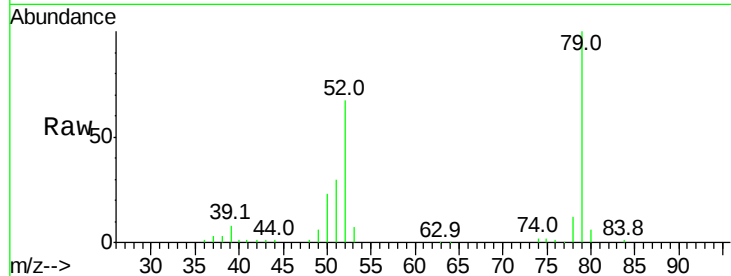
ClientSampleId :

E2-W8-BASEMSD

Tot Ion:	79	Resp:	295410
Ion Ratio	Lower	Upper	
79	100		
52	66.8	54.8	82.2
51	30.0	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.08 ng

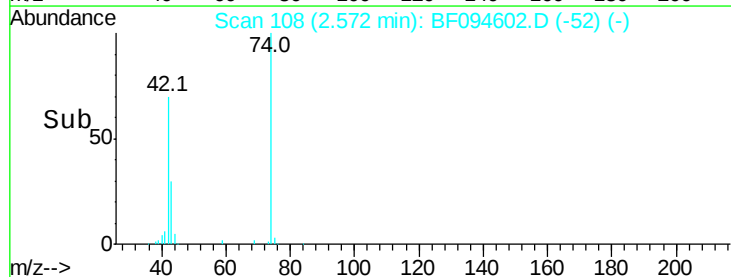
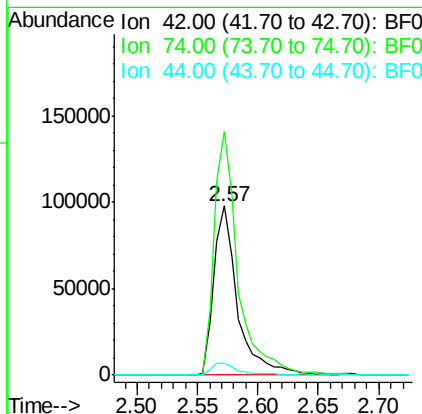
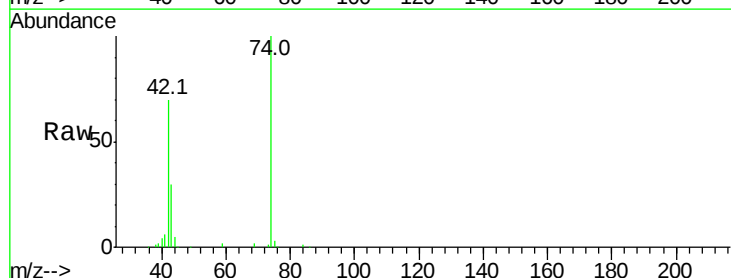
RT: 2.57 min Scan# 108

Delta R.T. 0.03 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Tgt Ion:	42	Resp:	132442
Ion Ratio	Lower	Upper	
42	100		
74	143.8	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 140.14 ng

RT: 4.31 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

E2-W8-BASEMSD

Tot Ion:112 Resp: 1035484

Ion Ratio Lower Upper

112 100

64 59.1 46.0 69.0

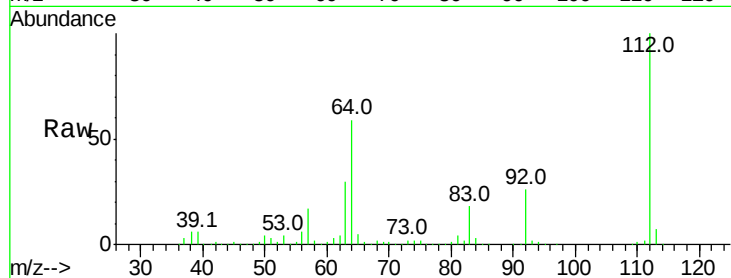
63 29.9 23.4 35.0

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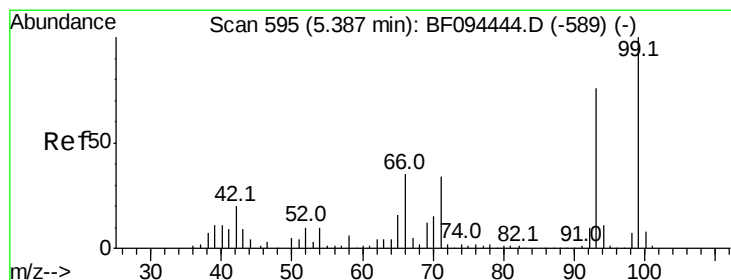
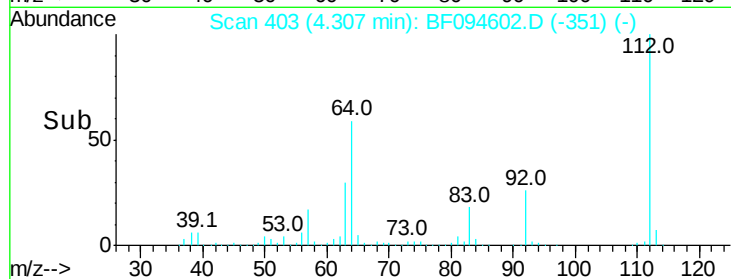
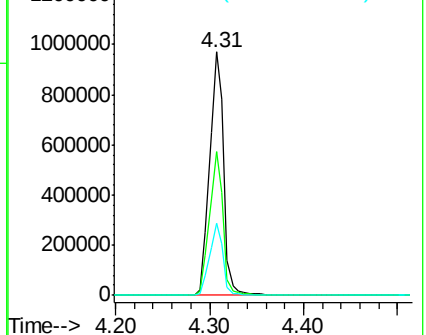
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.59 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

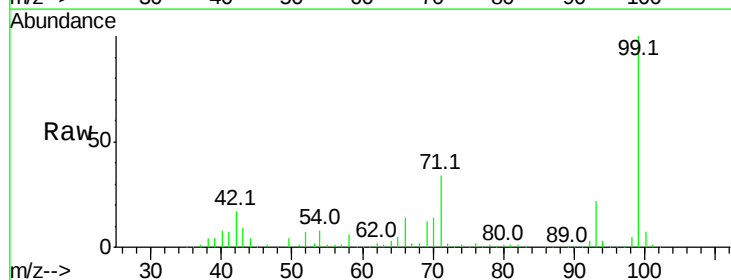
Tgt Ion: 93 Resp: 249959

Ion Ratio Lower Upper

93 100

66 60.7 32.9 49.3#

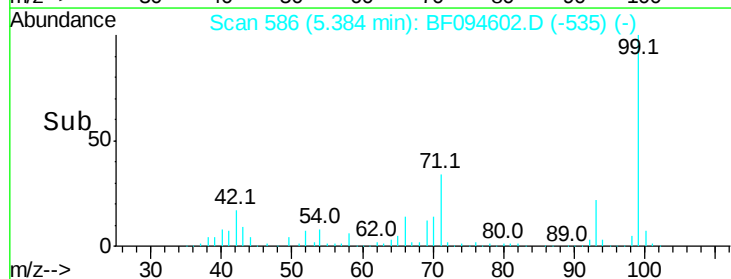
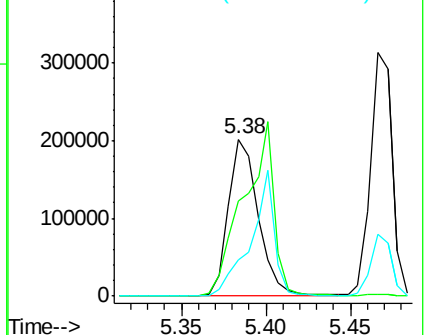
65 23.2 16.0 24.0

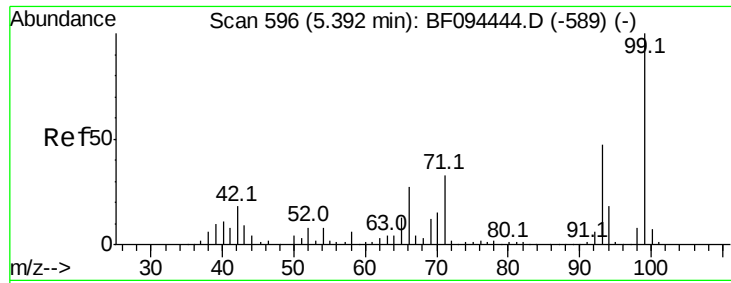


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.83 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

E2-W8-BASEMSD

Tot Ion: 99 Resp: 1261572

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

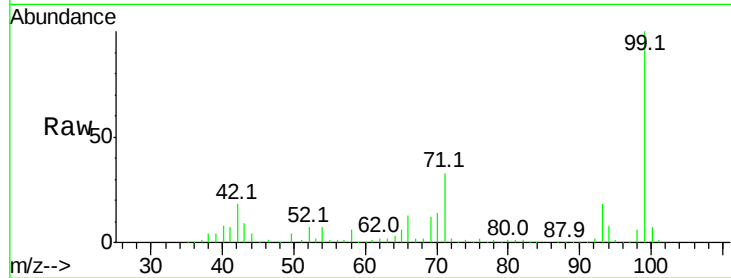
71 33.3 24.5 36.7

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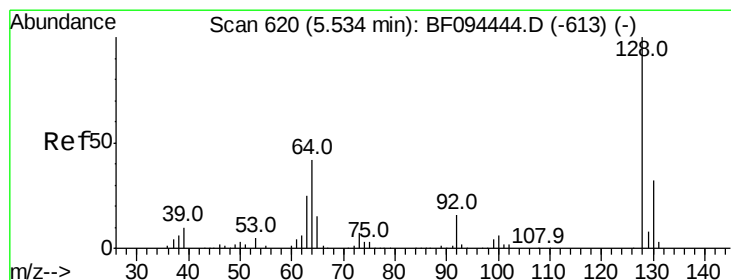
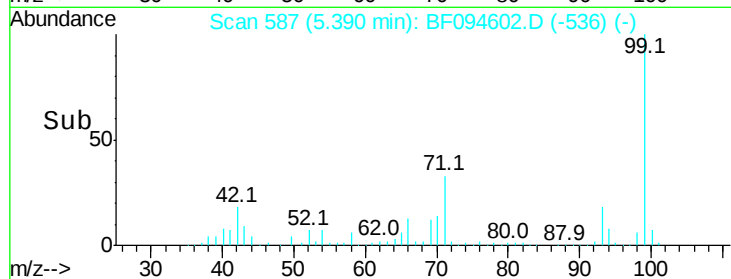
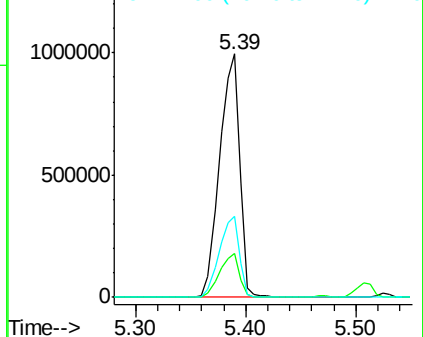
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.78 ng

RT: 5.52 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

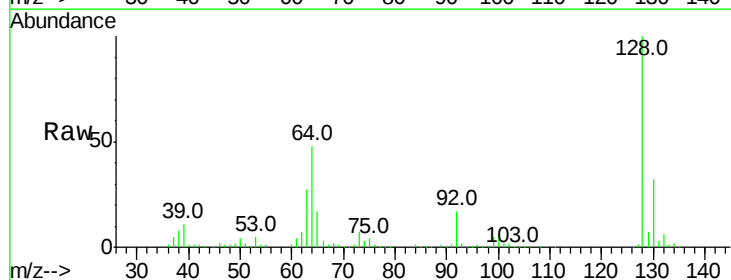
Tgt Ion:128 Resp: 309267

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

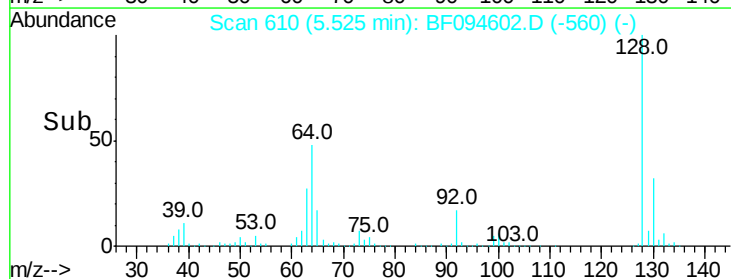
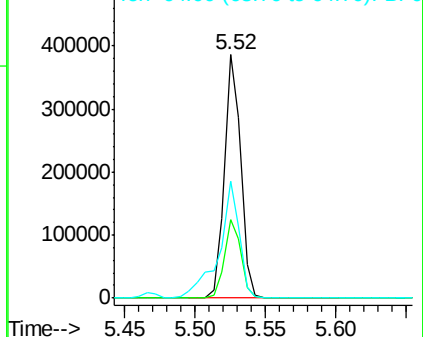
64 47.9 28.4 68.4

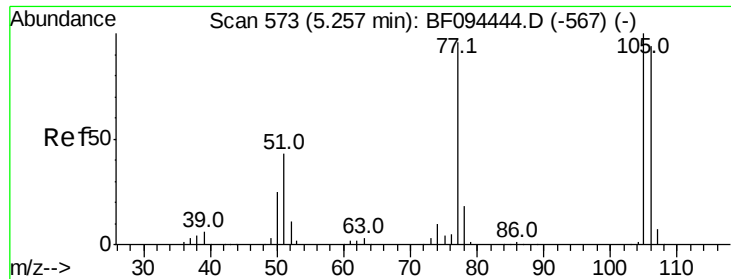


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.32 ng

RT: 5.25 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

E2-W8-BASEMSD

Tot Ion: 77 Resp: 101539

Ion Ratio Lower Upper

77 100

105 104.7 83.8 123.8

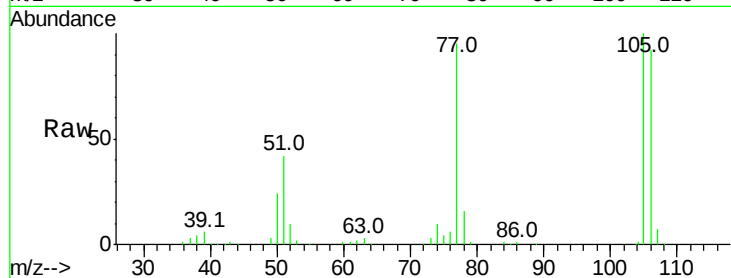
106 96.0 79.1 119.1

Manual Integrations

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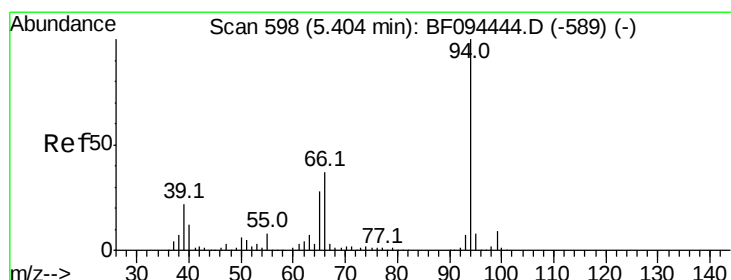
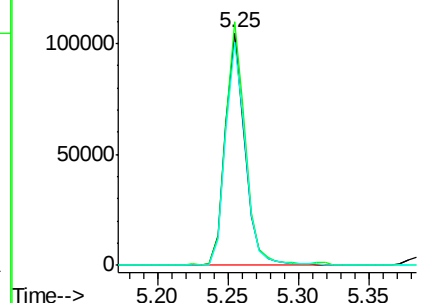
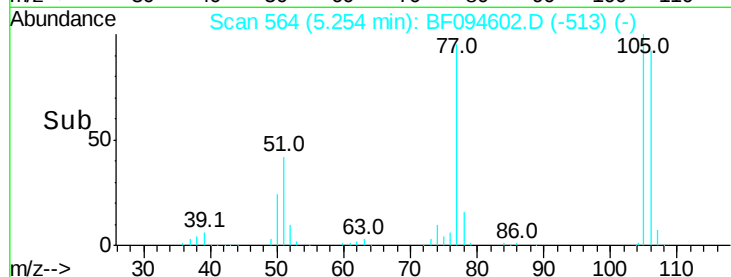
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.56 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

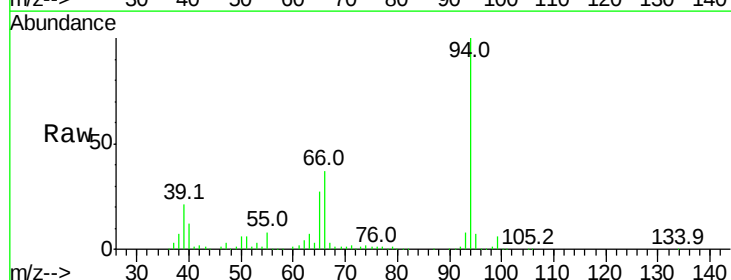
Tgt Ion: 94 Resp: 434059

Ion Ratio Lower Upper

94 100

65 26.8 9.9 49.9

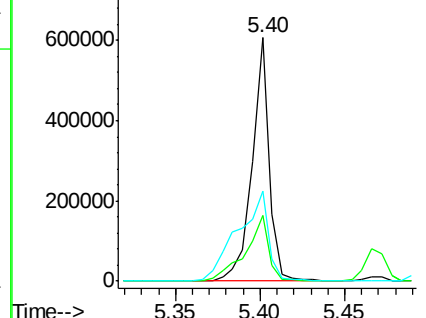
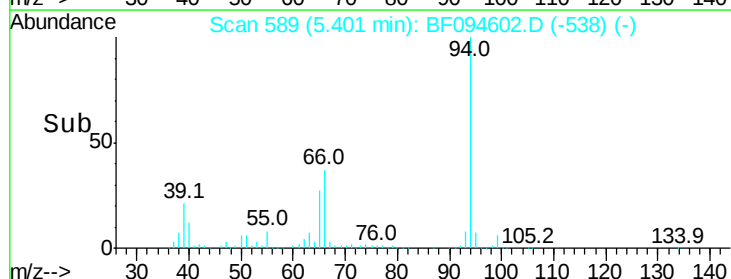
66 36.9 23.1 63.1

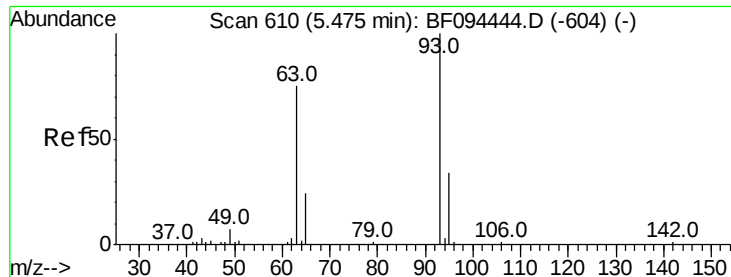


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





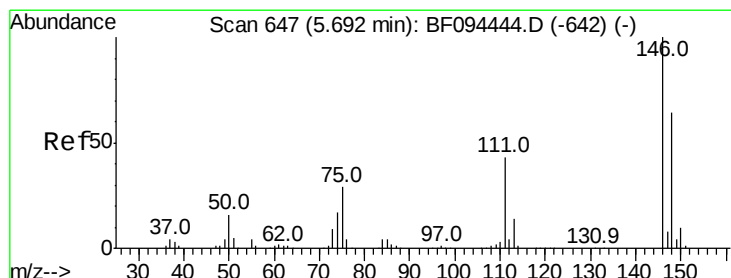
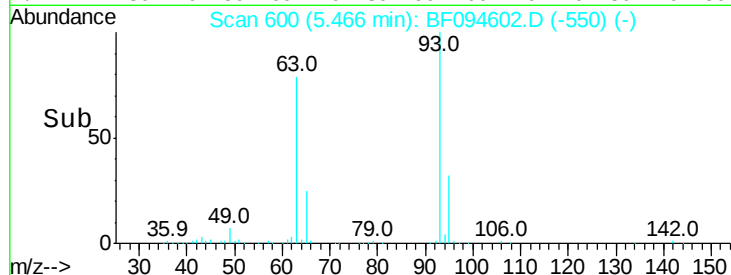
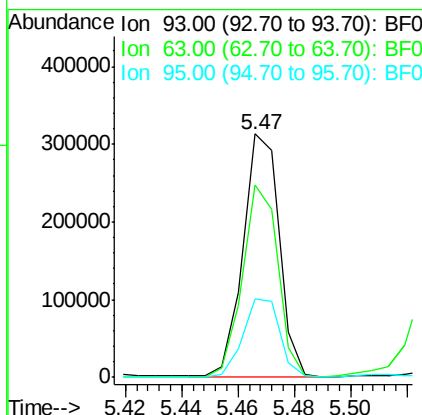
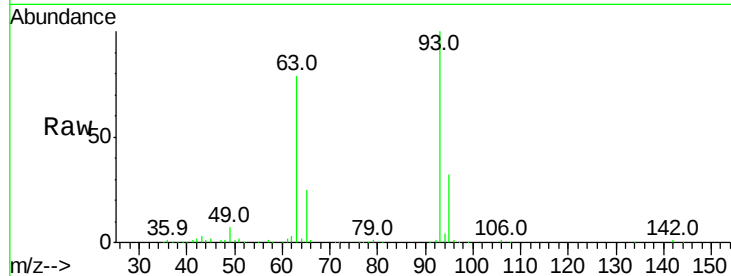
#11
bis(2-Chloroethyl)ether
Concen: 35.92 ng
RT: 5.47 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion:	93	Resp:	280824
Ion Ratio	Lower	Upper	
93	100		
63	79.0	59.2	99.2
95	32.2	12.8	52.8

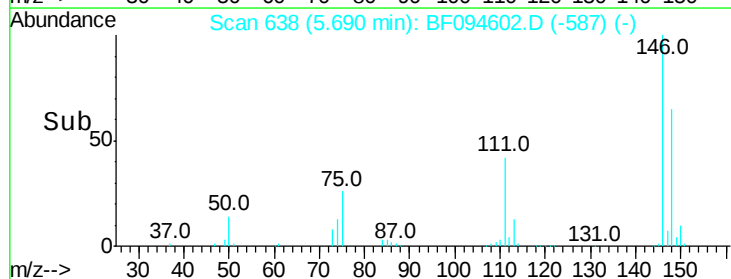
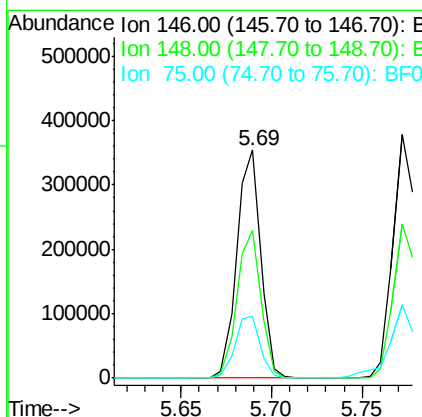
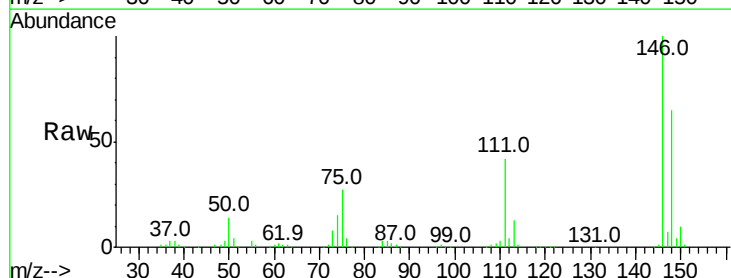
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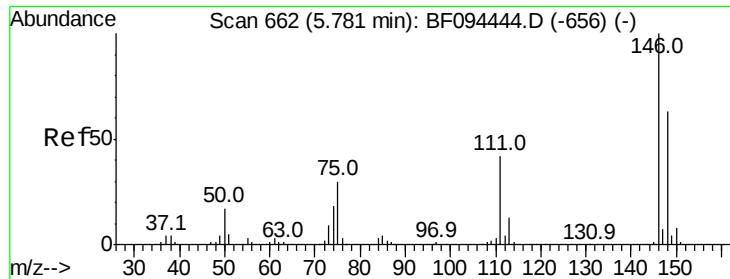
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.84 ng
RT: 5.69 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion:	146	Resp:	324503
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.6
75	27.1	23.1	34.7





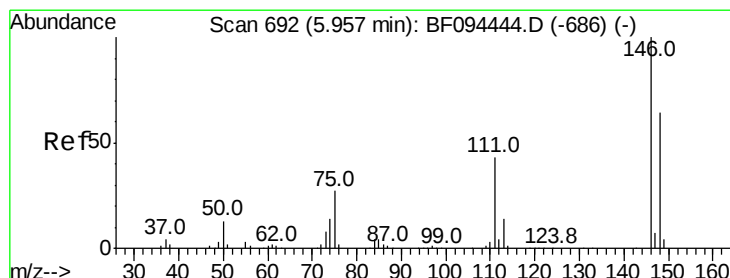
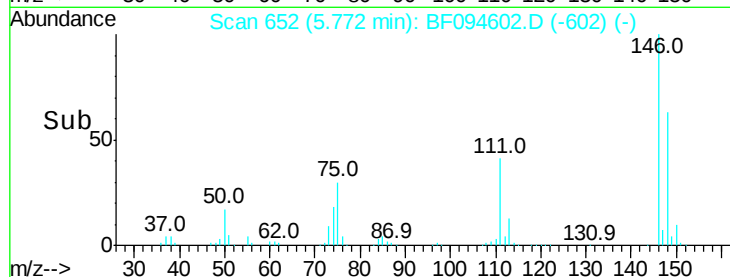
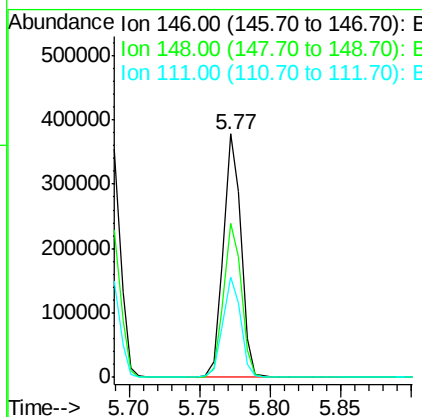
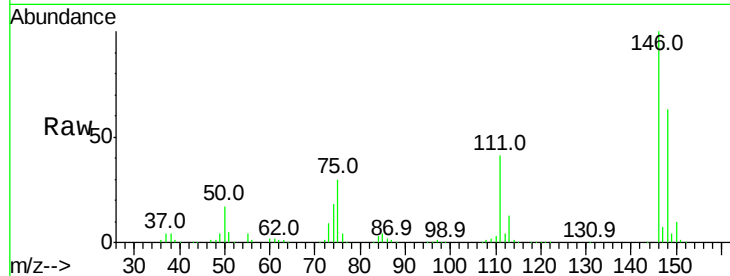
#13
 1,4-Dichlorobenzene
 Concen: 35.13 ng
 RT: 5.77 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	41.1	30.3	45.5

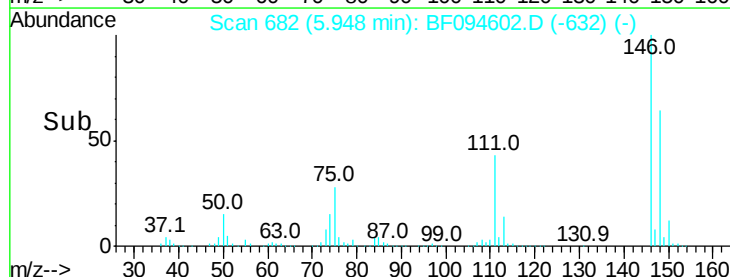
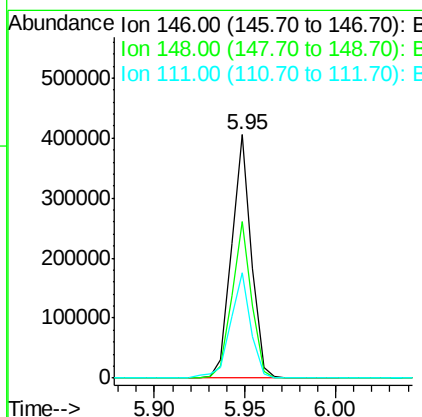
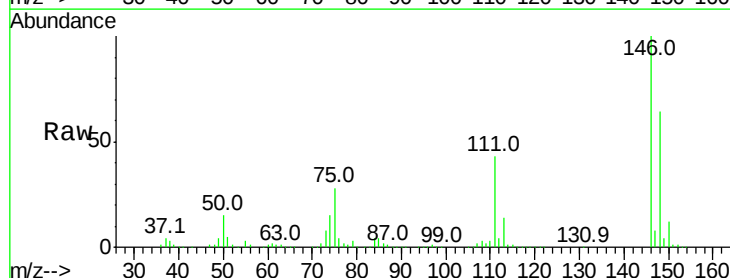
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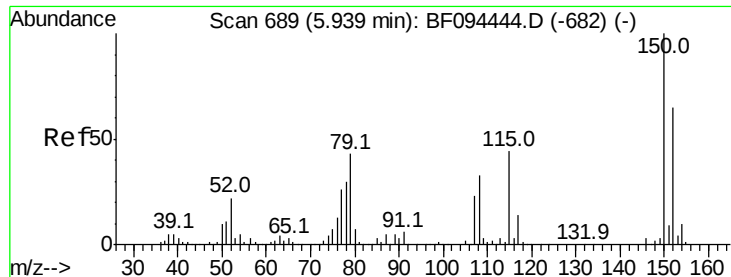
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#14
 1,2-Dichlorobenzene
 Concen: 35.41 ng
 RT: 5.95 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
111	43.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 35.64 ng

RT: 5.93 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

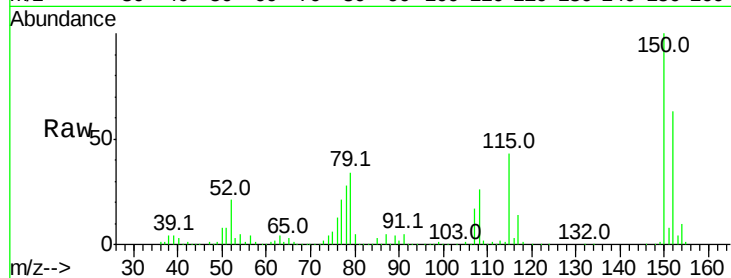
ClientSampleId :

E2-W8-BASEMSD

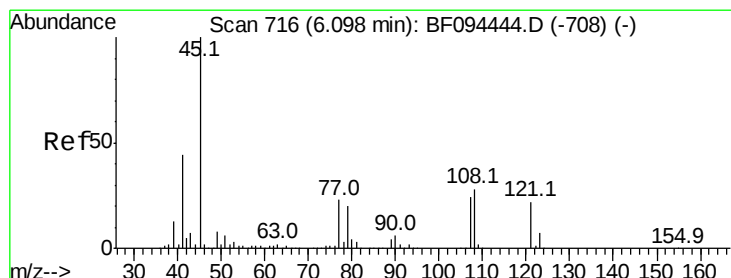
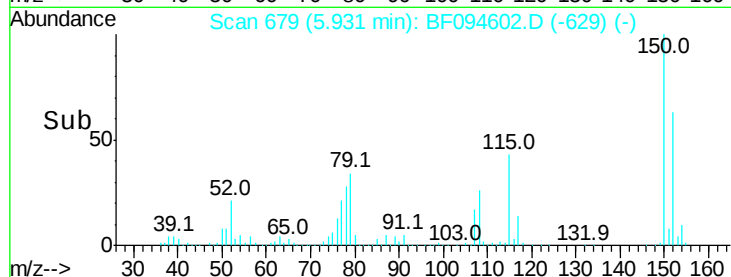
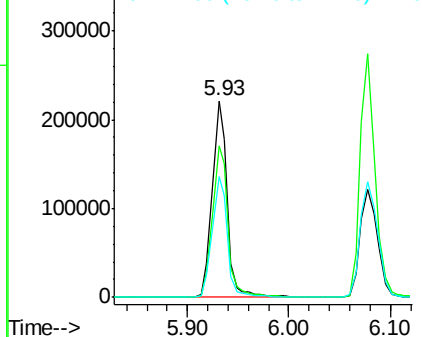
Tot Ion:	79	Resp:	230284
Ion Ratio	Lower	Upper	
79	100		
108	76.8	63.4	95.0
77	61.4	49.2	73.8

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.83 ng

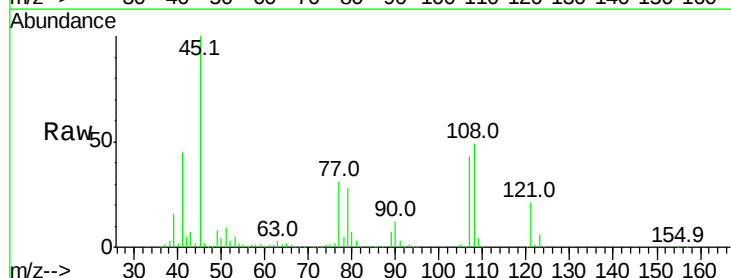
RT: 6.08 min Scan# 705

Delta R.T. -0.01 min

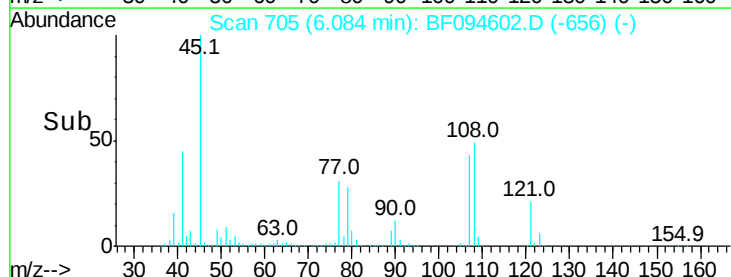
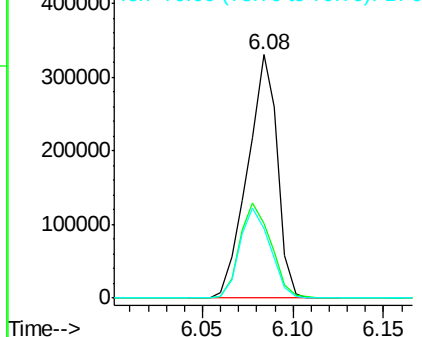
Lab File: BF094602.D

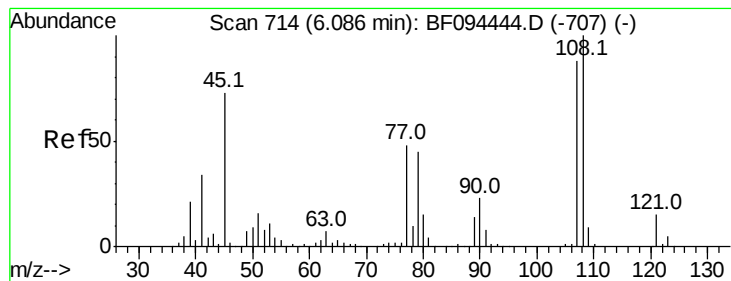
Acq: 25 Apr 2017 13:49

Tgt Ion:	45	Resp:	377502
Ion Ratio	Lower	Upper	
45	100		
77	30.7	0.0	33.2
79	28.3	0.0	30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





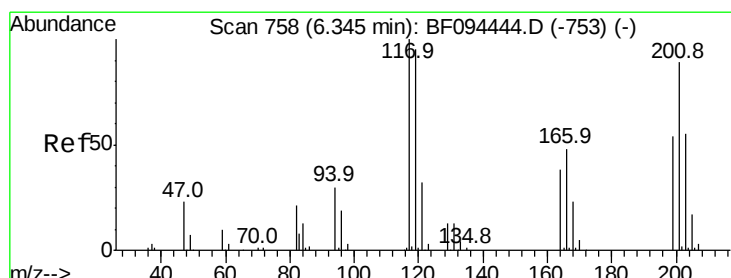
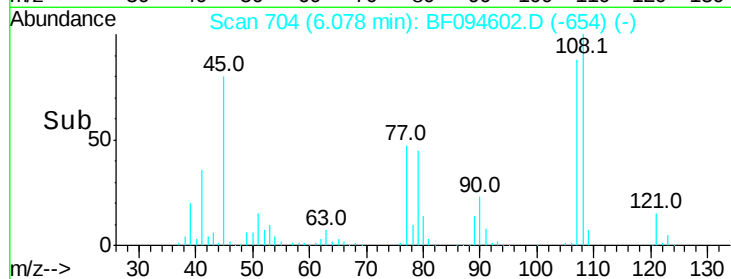
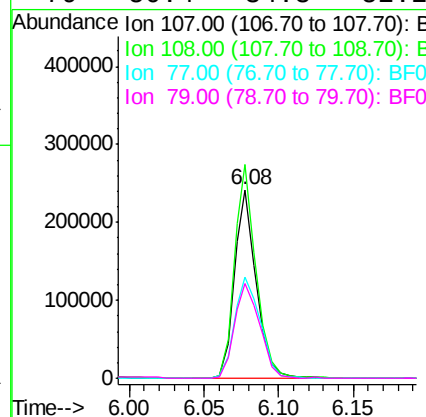
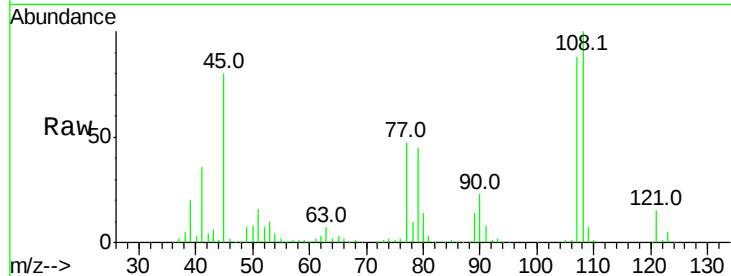
#17
2-Methylphenol
Concen: 37.39 ng
RT: 6.08 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.4	140.0
77	53.6	35.8	53.6
79	50.4	34.8	52.2

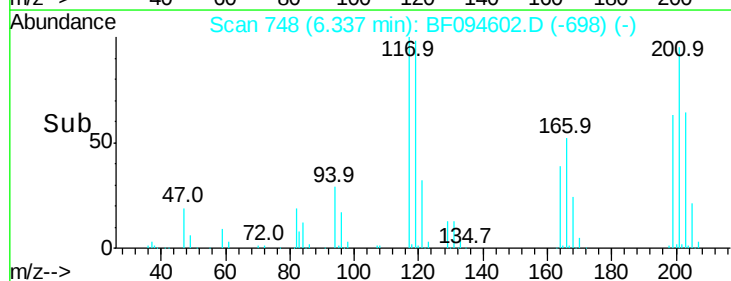
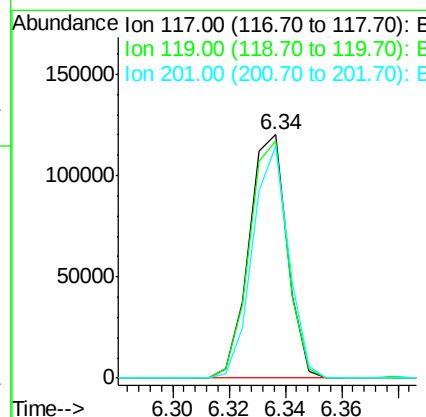
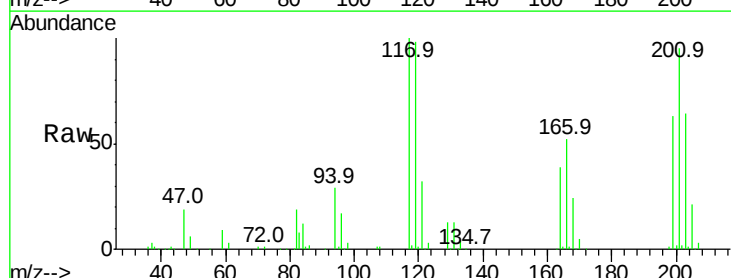
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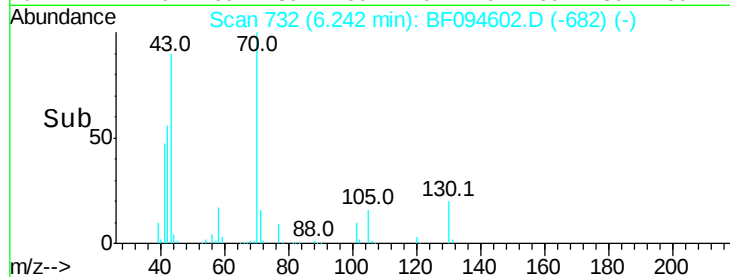
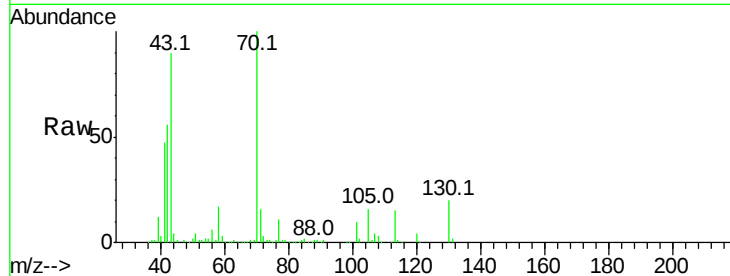
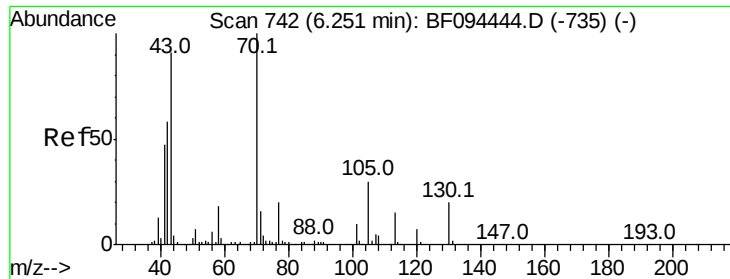
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#18
Hexachloroethane
Concen: 34.95 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.0
201	95.3	94.6	141.8





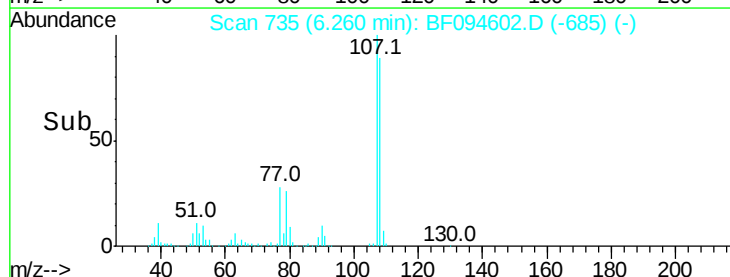
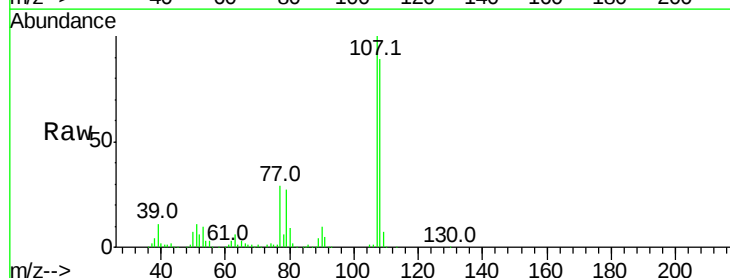
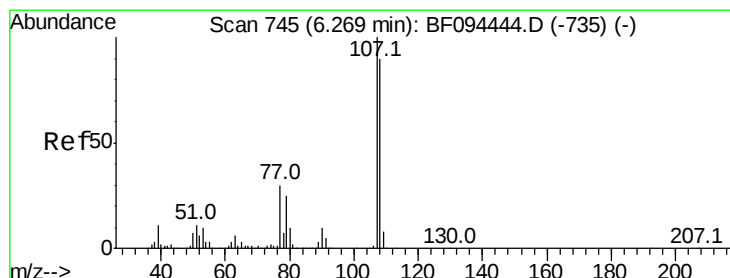
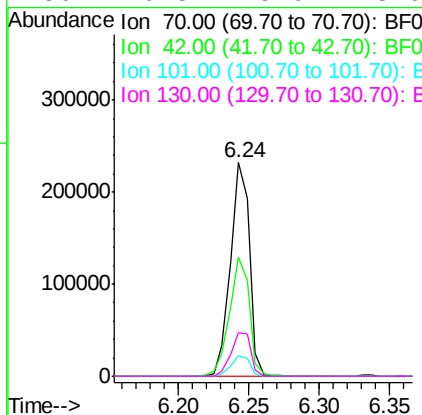
#19
n-Nitroso-di-n-propylamine
Concen: 37.59 ng
RT: 6.24 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		216931		
42	55.7	47.2	70.8		
101	9.6	7.2	10.8		
130	20.5	15.9	23.9		

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

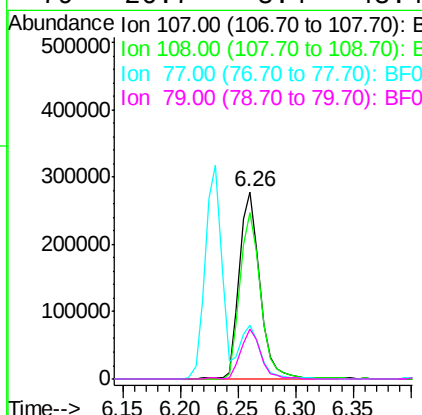
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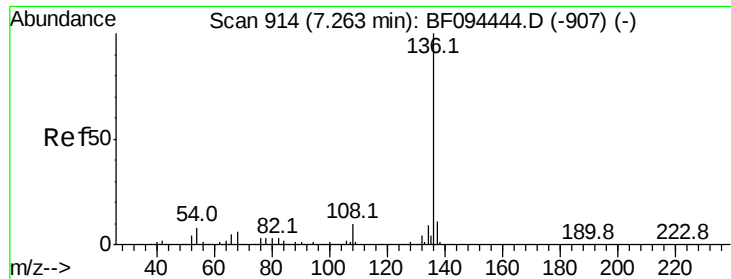
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#20
3+4-Methylphenols
Concen: 38.67 ng
RT: 6.26 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		347924		
108	89.2	71.0	111.0		
77	28.9	90.5	130.5#		
79	26.7	8.4	48.4		





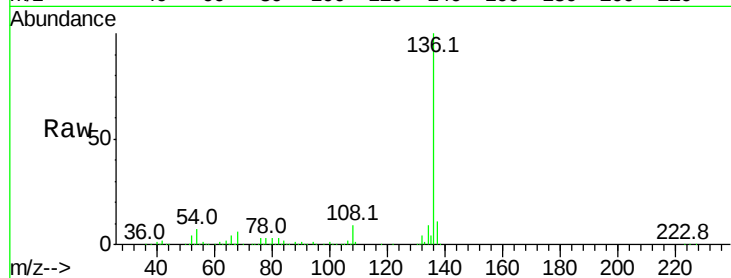
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	490463		
137	10.7		8.5	12.7
54	7.2		4.9	7.3
68	5.7		4.1	6.1

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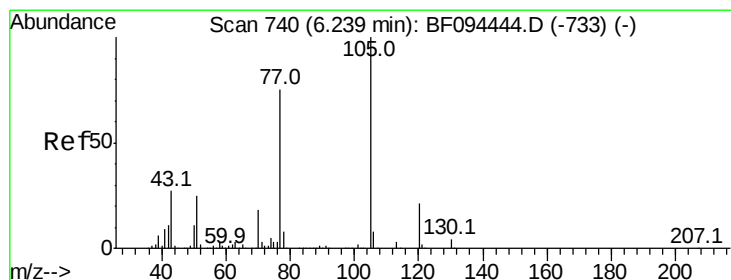
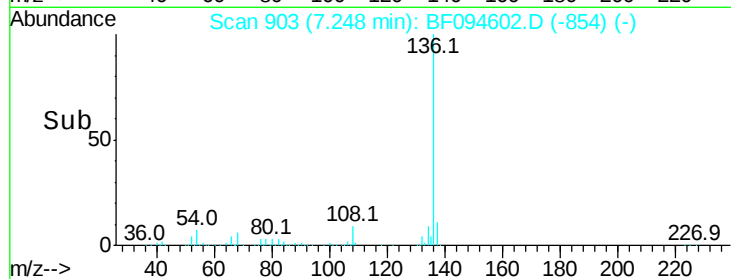
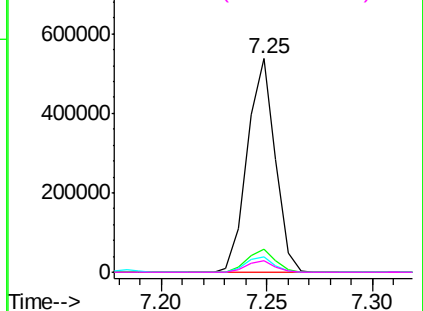
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 36.91 ng
RT: 6.23 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	440200		
71	1.4		2.8	4.2#
51	23.8		30.7	46.1#
120	21.2		17.4	26.0

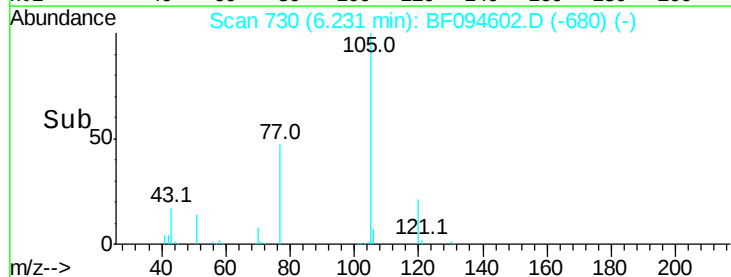
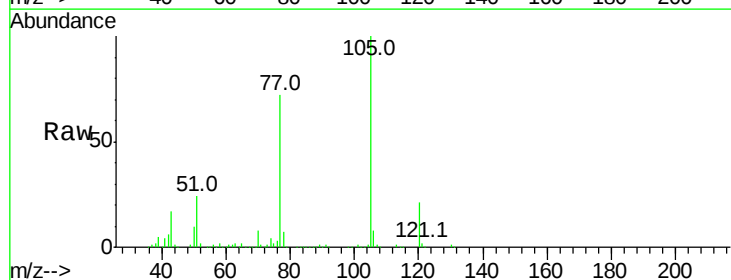
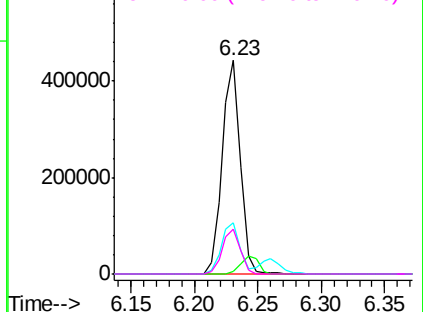
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 98.76 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

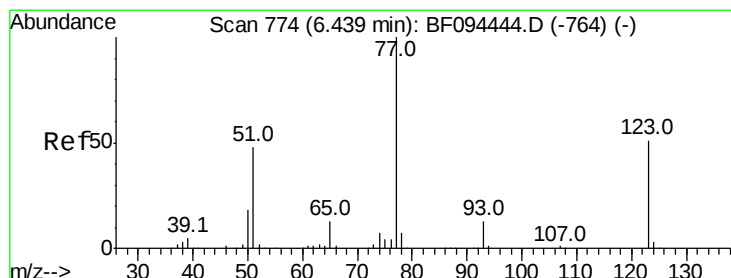
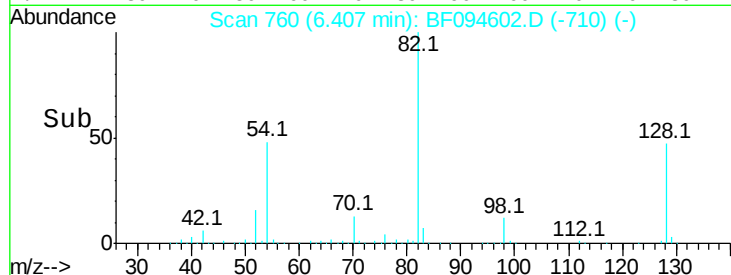
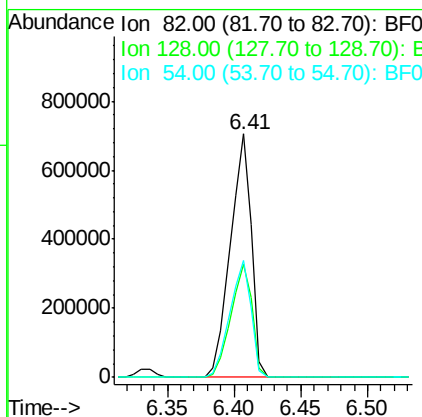
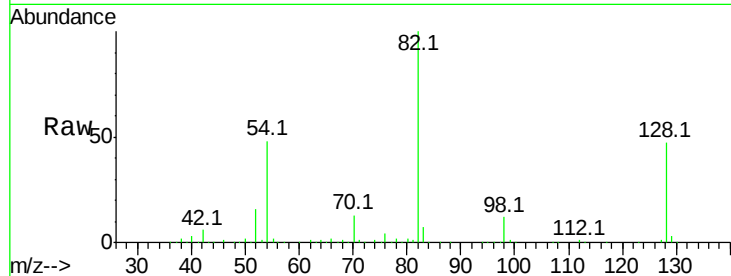
ClientSampleId :

E2-W8-BASEMSD

Tot Ion:	82	Resp:	784454
Ion Ratio	Lower	Upper	
82	100		
128	46.6	34.0	51.0
54	47.9	42.2	63.2

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#24

Nitrobenzene

Concen: 36.74 ng

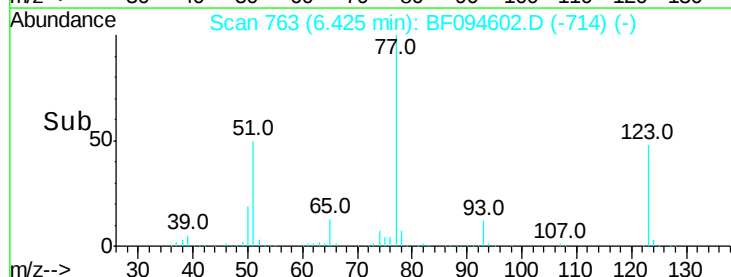
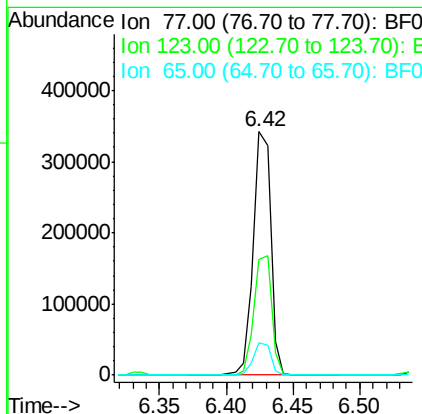
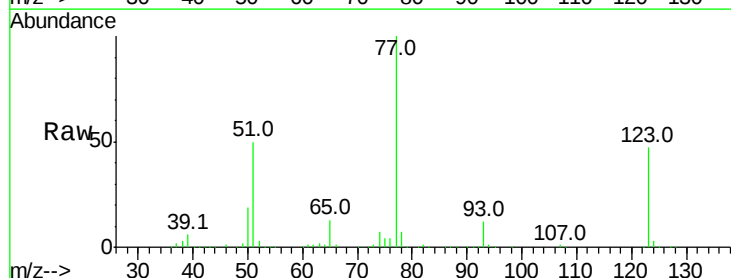
RT: 6.42 min Scan# 763

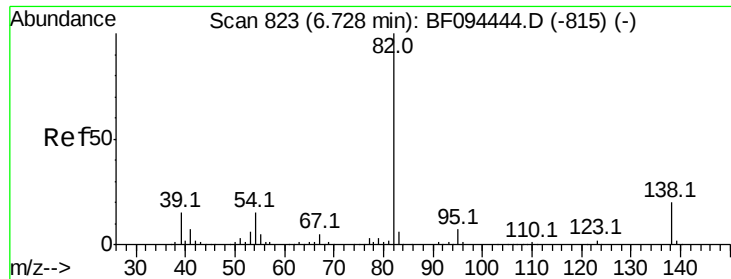
Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Tgt Ion:	77	Resp:	307346
Ion Ratio	Lower	Upper	
77	100		
123	47.4	35.8	53.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 37.55 ng

RT: 6.71 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

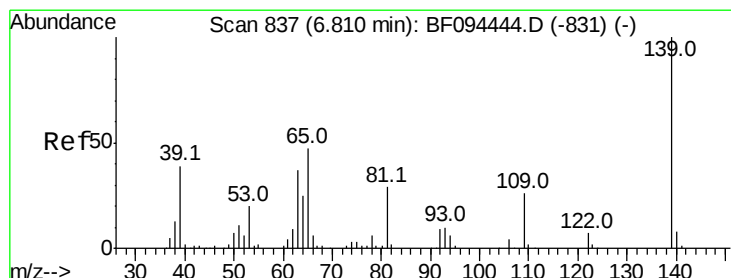
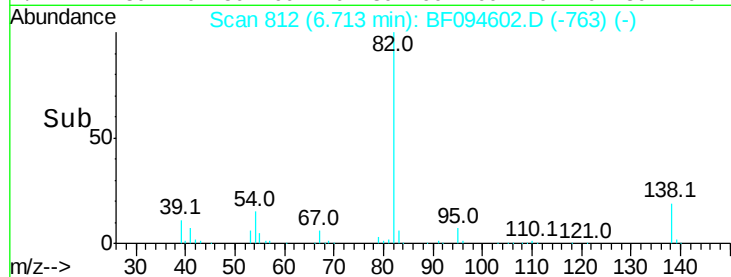
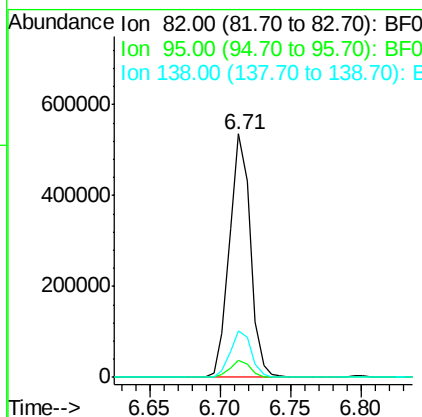
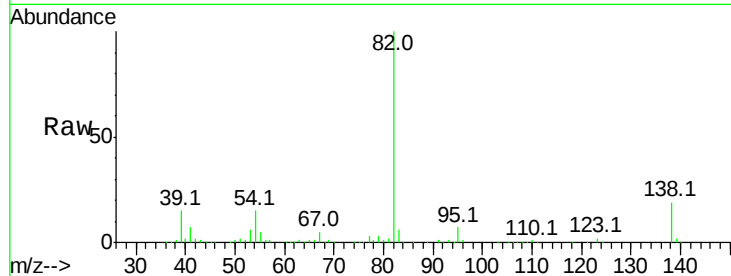
ClientSampleId :

E2-W8-BASEMSD

Tot Ion:	82	Resp:	552864
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	18.8	13.1	19.7

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#26

2-Nitrophenol

Concen: 37.44 ng

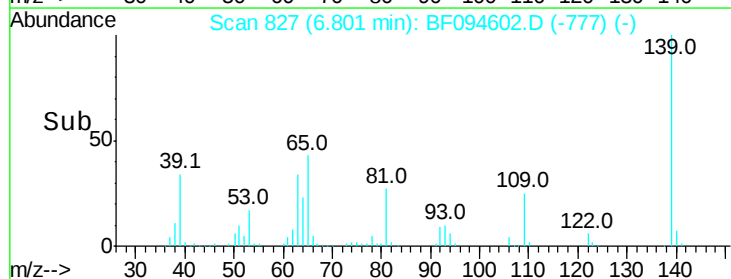
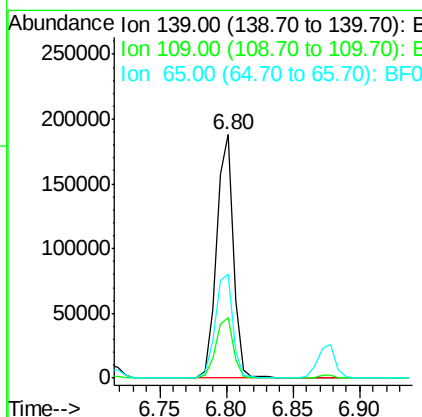
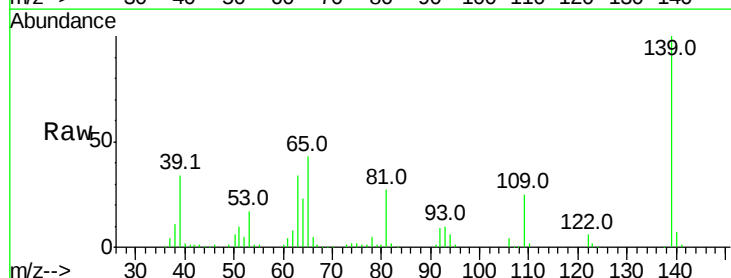
RT: 6.80 min Scan# 827

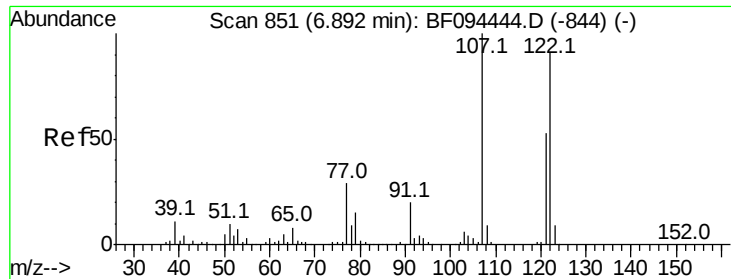
Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Tgt Ion:	139	Resp:	168266
Ion Ratio	Lower	Upper	
139	100		
109	25.1	21.0	31.6
65	42.7	33.0	49.6





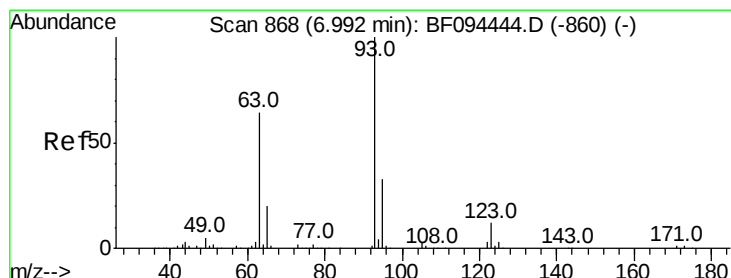
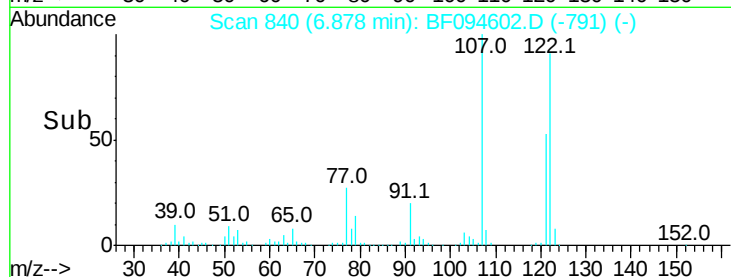
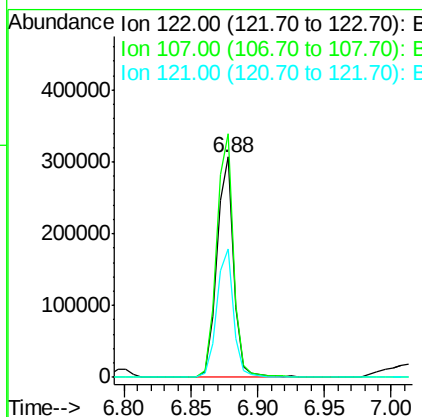
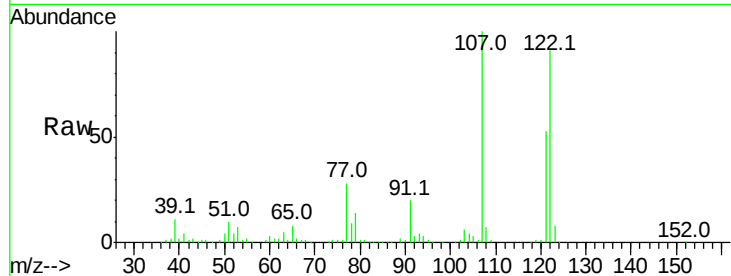
#27
 2,4-Dimethylphenol
 Concen: 37.62 ng
 RT: 6.88 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	274581		
107	110.4	89.2	133.8	
121	58.1	45.2	67.8	

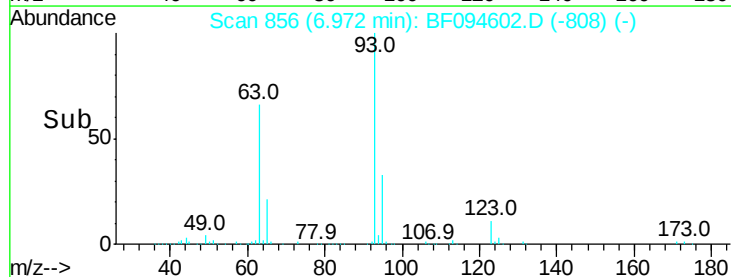
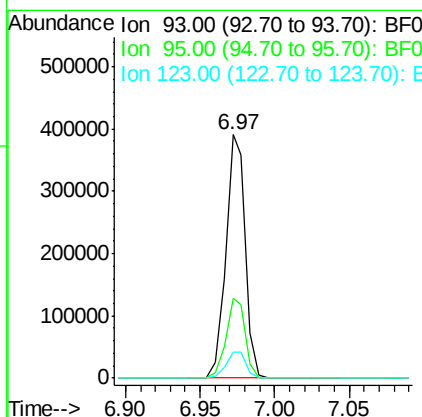
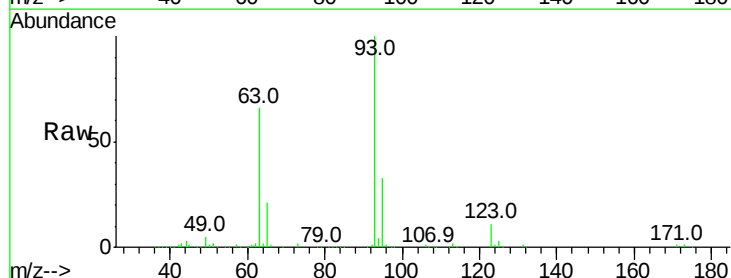
Manual Integrations
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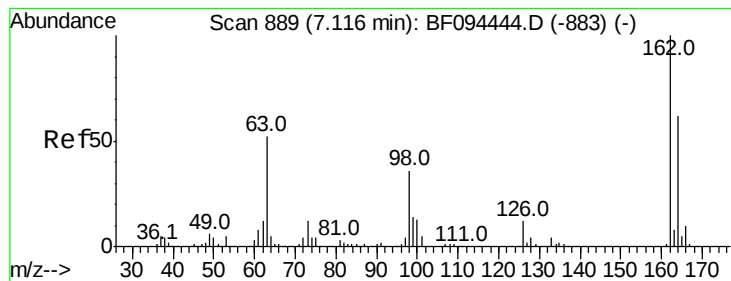
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.68 ng
 RT: 6.97 min Scan# 856
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	358828		
95	32.6	26.5	39.7	
123	10.6	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 38.37 ng

RT: 7.10 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

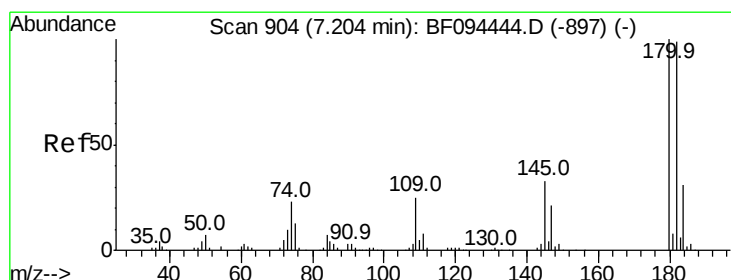
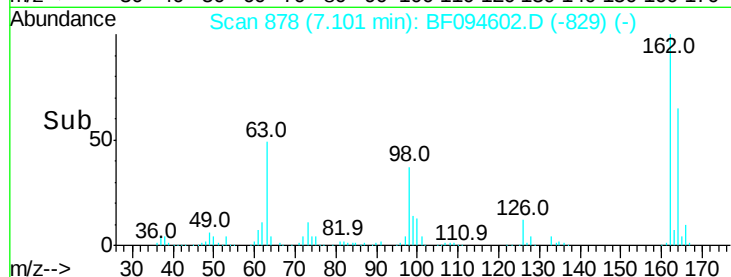
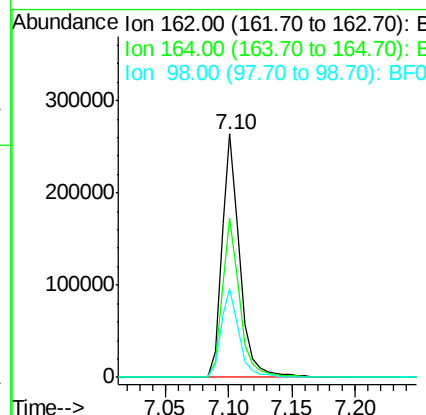
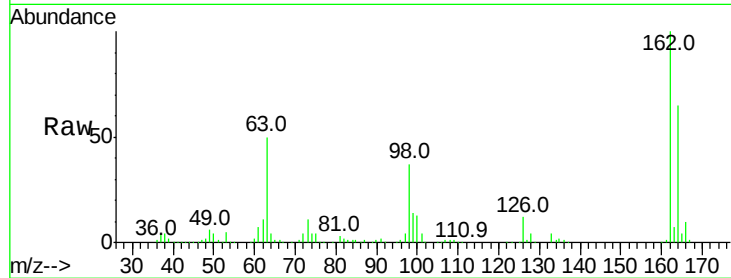
ClientSampleId :

E2-W8-BASEMSD

Tot Ion:	162	Resp:	260527
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.6	84.6
98	36.7	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 36.16 ng

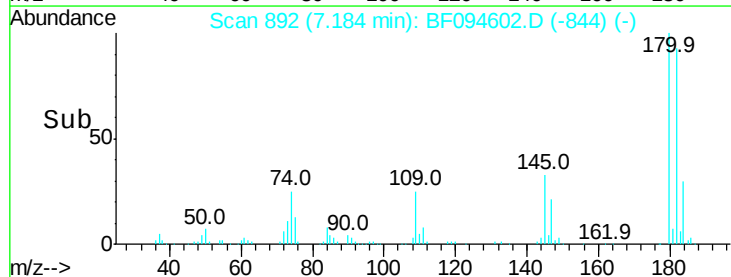
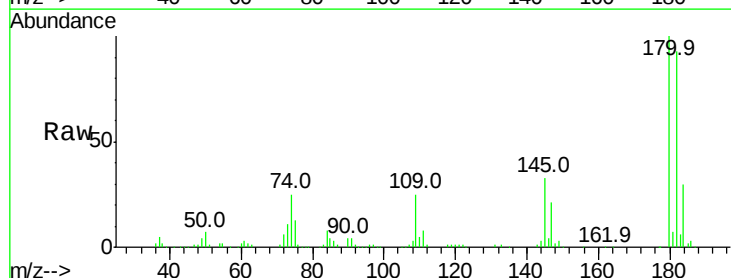
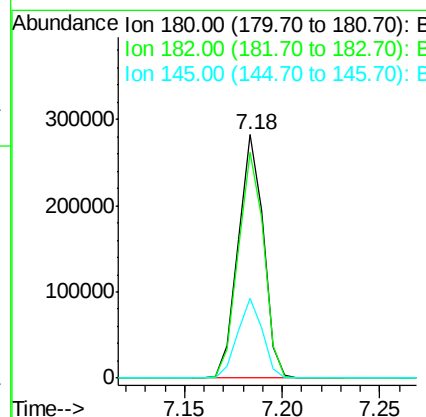
RT: 7.18 min Scan# 892

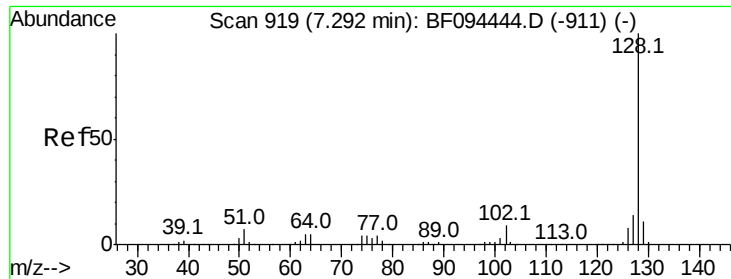
Delta R.T. -0.02 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Tgt Ion:	180	Resp:	253854
Ion Ratio	Lower	Upper	
180	100		
182	92.8	75.8	113.6
145	32.7	25.3	37.9





#31

Naphthalene

Concen: 37.45 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

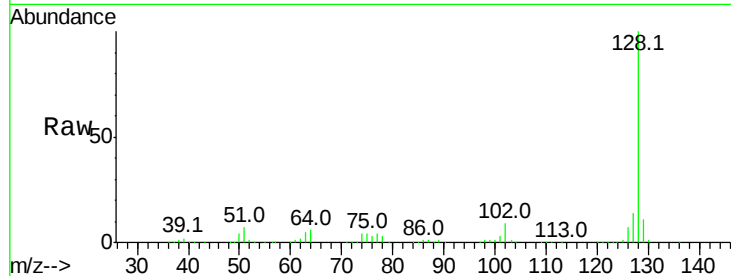
ClientSampleId :

E2-W8-BASEMSD

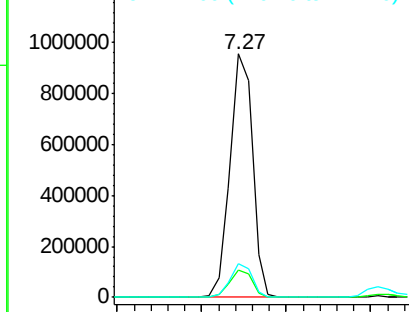
Tot Ion:	128	Resp:	882908
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.0	13.6
127	13.7	10.8	16.2

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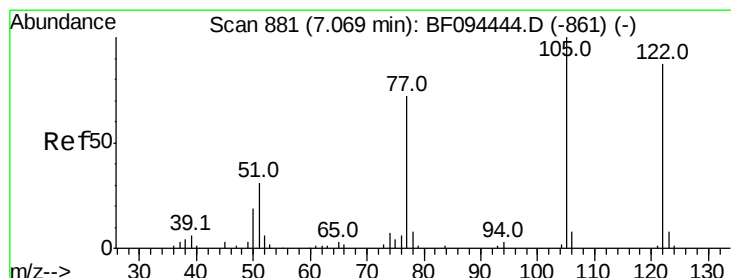
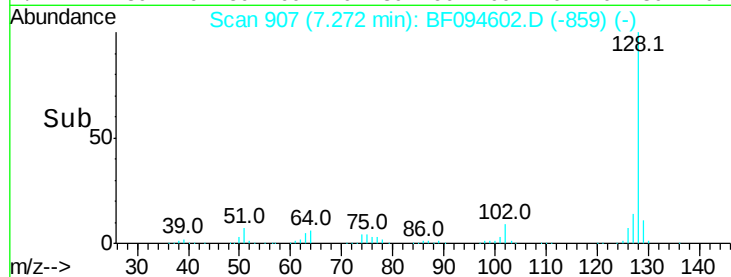
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time--> 7.20 7.25 7.30 7.35



#32

Benzoic acid

Concen: 9.14 ng

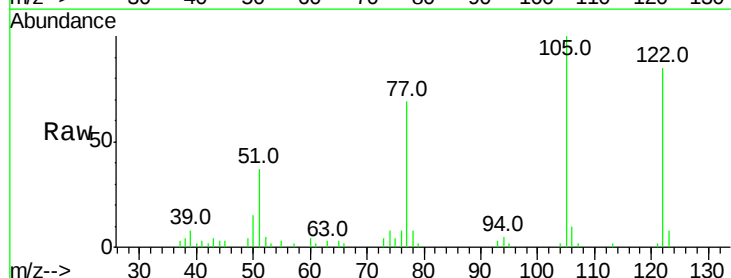
RT: 7.01 min Scan# 863

Delta R.T. -0.06 min

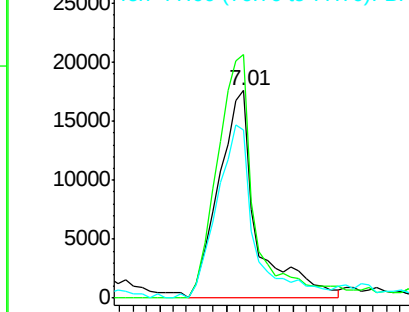
Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

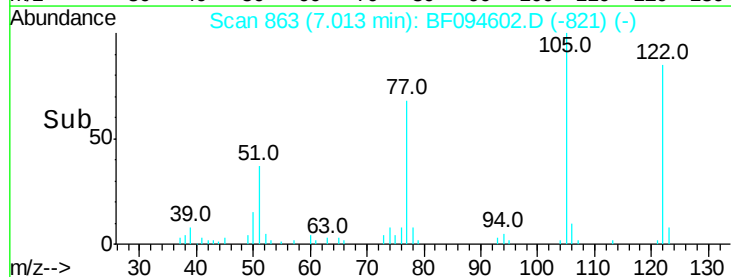
Tgt Ion:	122	Resp:	35295
Ion Ratio	Lower	Upper	
122	100		
105	117.4	103.3	143.3
77	81.3	73.7	113.7

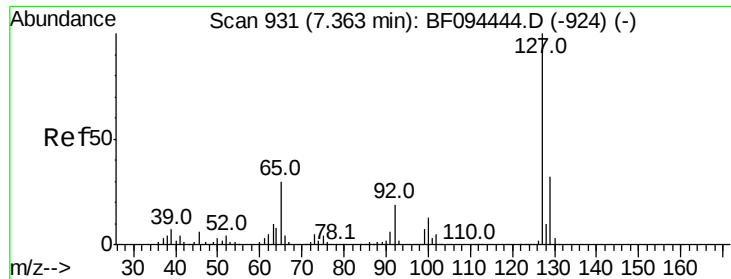


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



Time--> 6.95 7.00 7.05 7.10





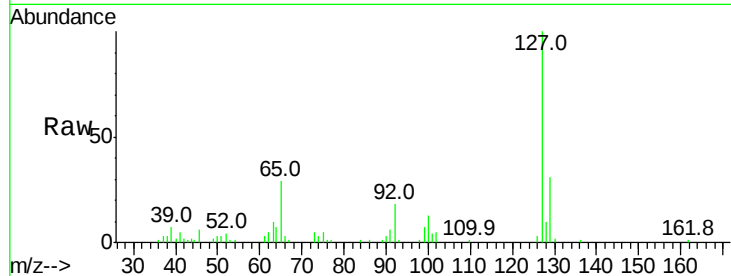
#33
4-Chloroaniline
Concen: 6.09 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

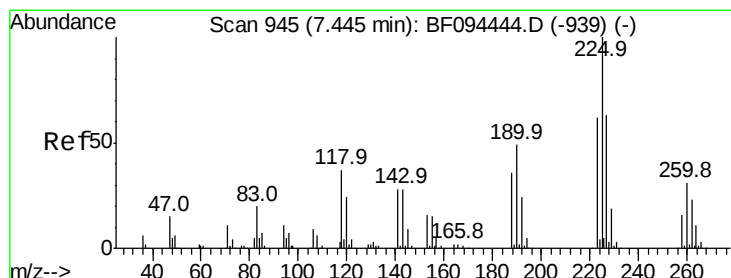
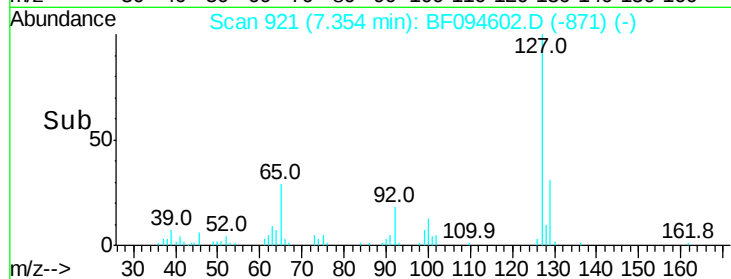
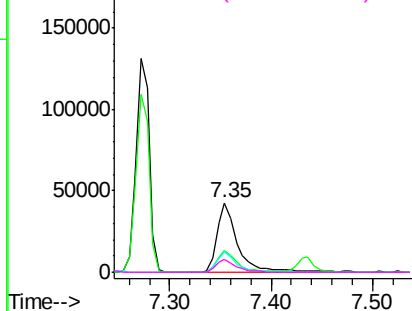
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	29.1	27.8	41.8
92	18.5	16.8	25.2

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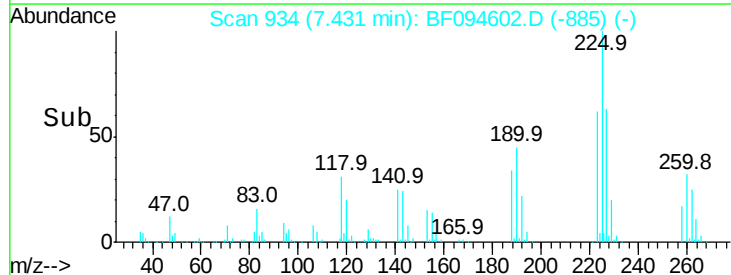
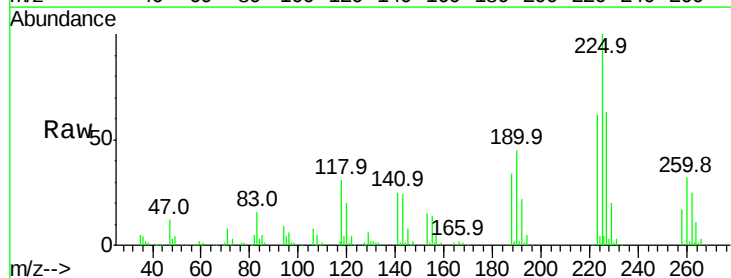
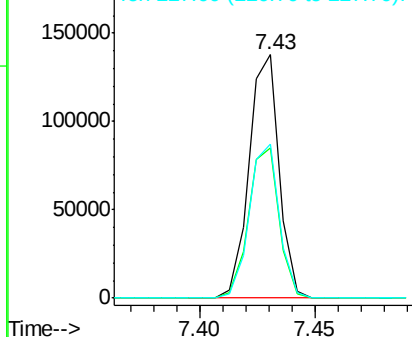
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

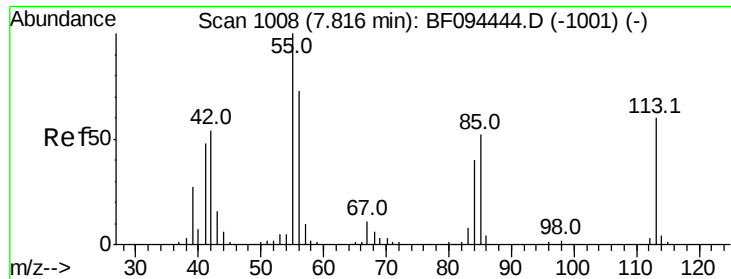


#34
Hexachlorobutadiene
Concen: 35.84 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.8	73.2
227	63.1	51.1	76.7

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





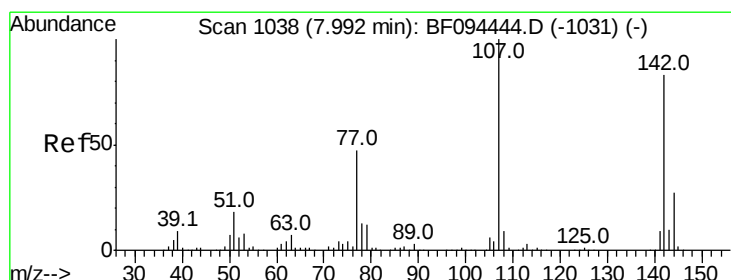
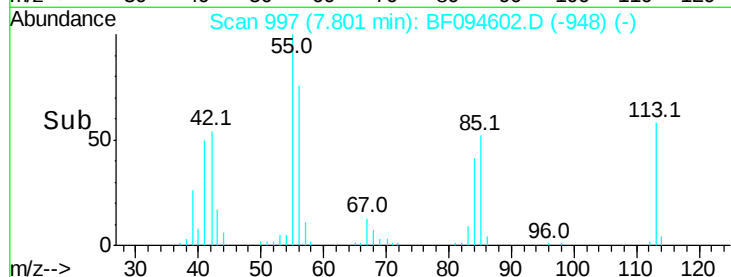
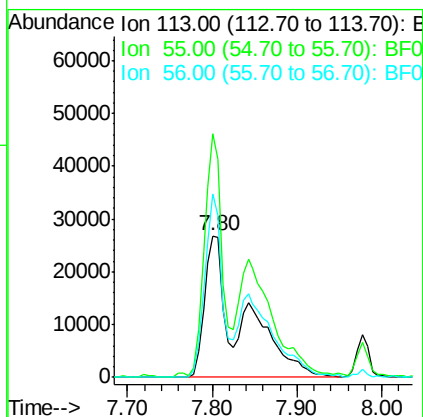
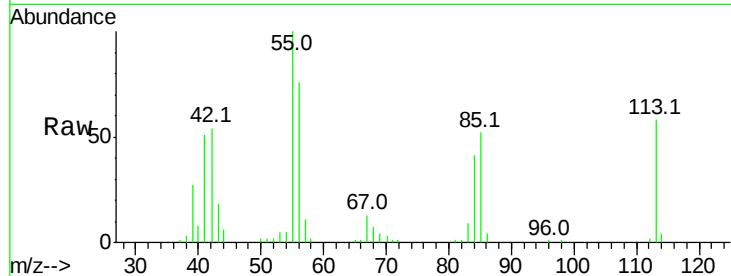
#35
 Caprolactam
 Concen: 37.73 ng/ml
 RT: 7.80 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	172.4	150.2	190.2	
56	130.2	107.8	147.8	

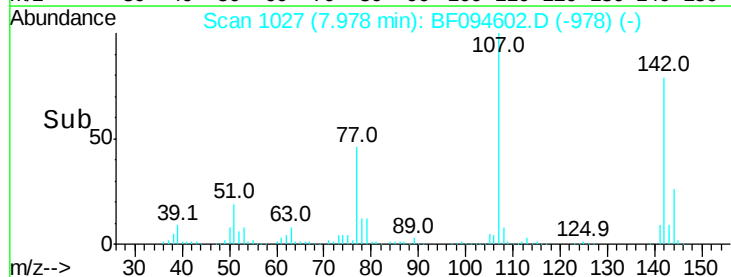
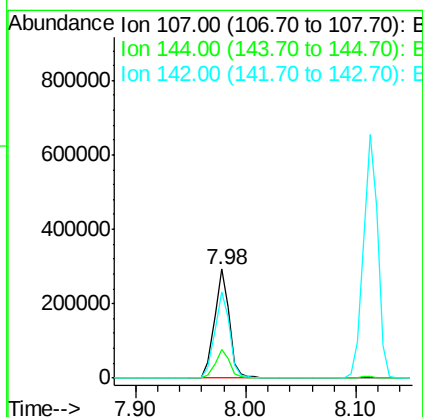
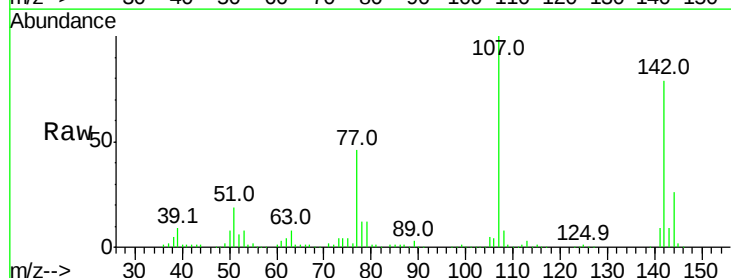
Manual Integrations
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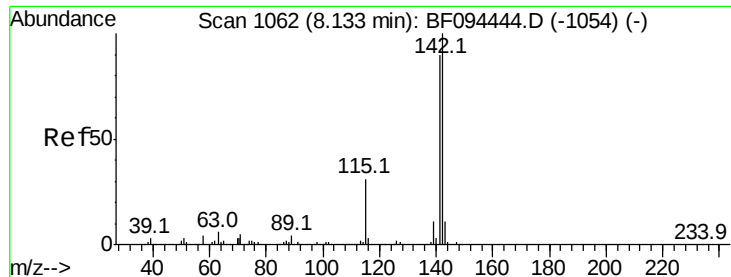
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#36
 4-Chloro-3-methylphenol
 Concen: 37.96 ng/ml
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.8	24.2	36.4	
142	78.6	73.4	110.0	





#37

2-Methylnaphthalene

Concen: 37.20 ng

RT: 8.11 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

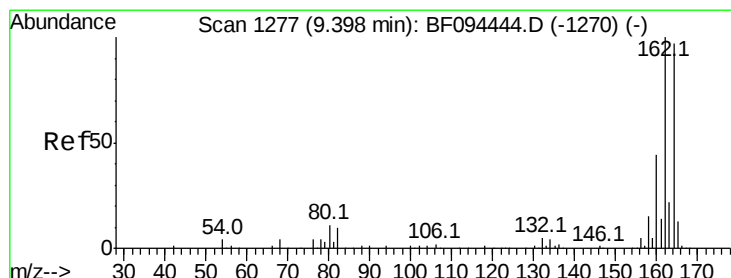
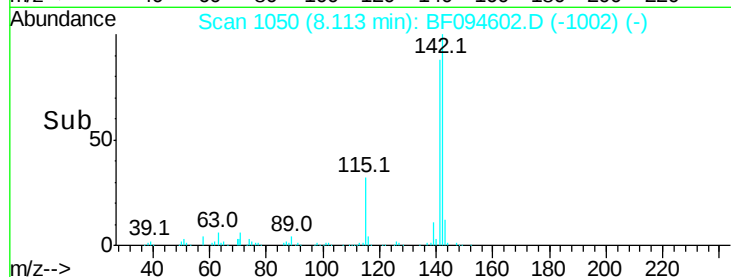
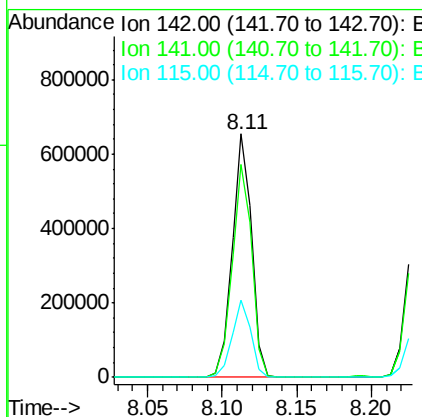
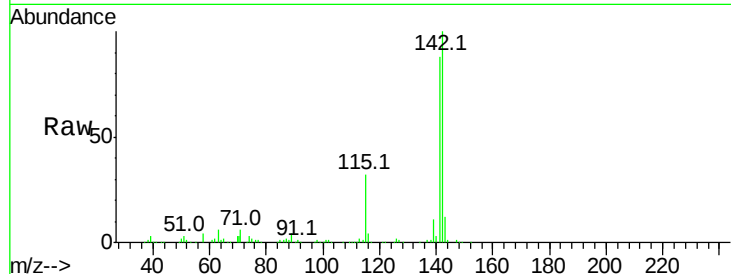
ClientSampleId :

E2-W8-BASEMSD

Tot Ion:	142	Resp:	600024
Ion Ratio	Lower	Upper	
142	100		
141	87.5	71.3	106.9
115	31.5	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

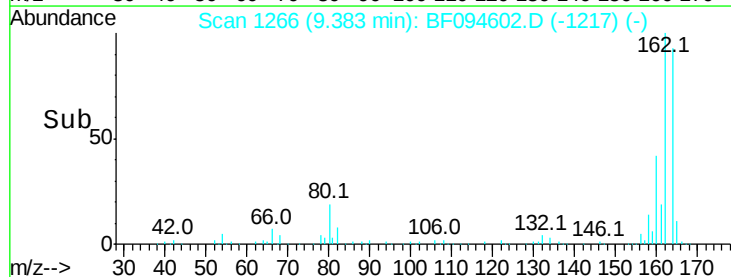
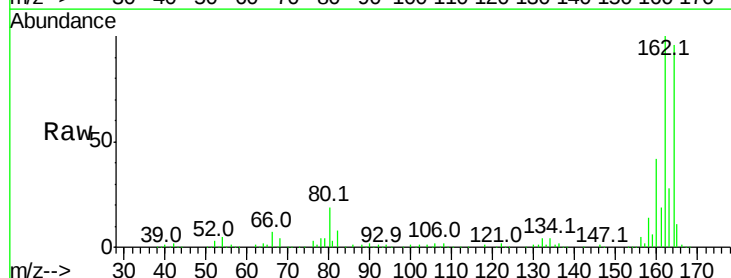
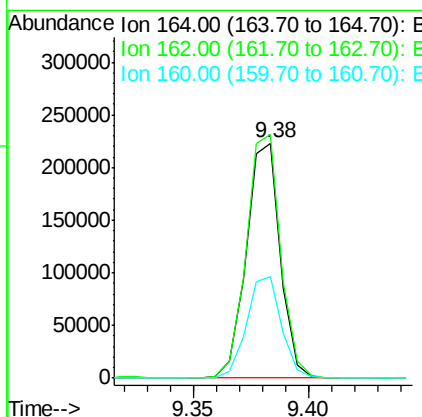
RT: 9.38 min Scan# 1266

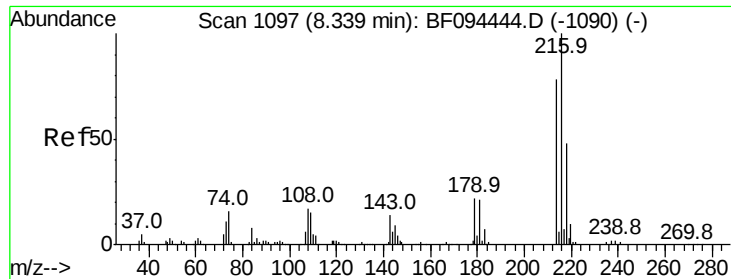
Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Tgt Ion:	164	Resp:	227936
Ion Ratio	Lower	Upper	
164	100		
162	103.6	82.6	123.8
160	43.5	36.2	54.2





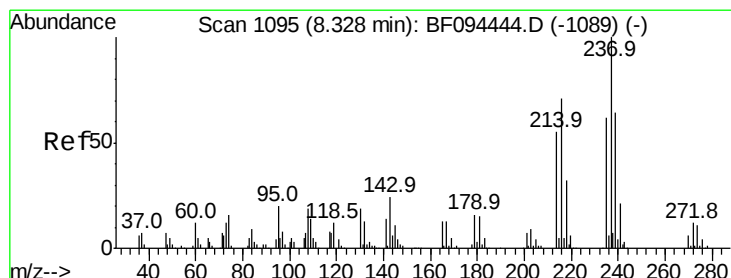
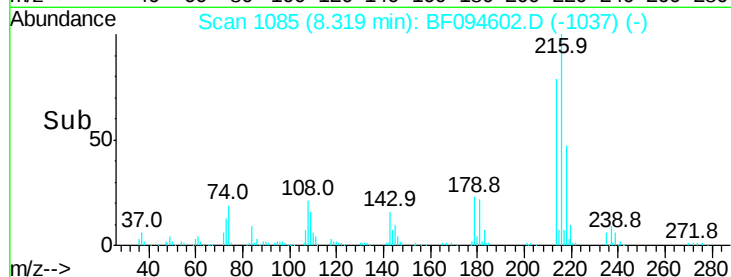
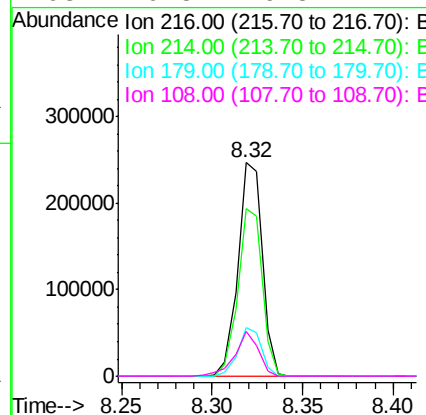
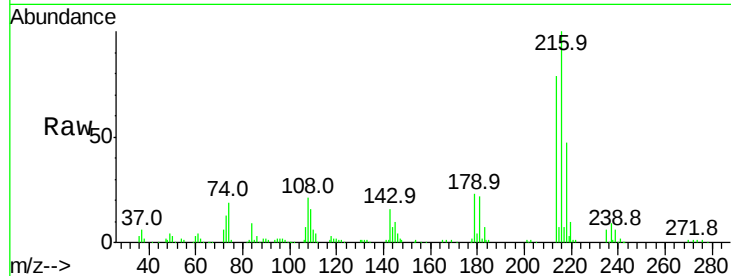
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.69 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.4	63.4	95.2
179	22.2	17.9	26.9
108	20.8	16.5	24.7

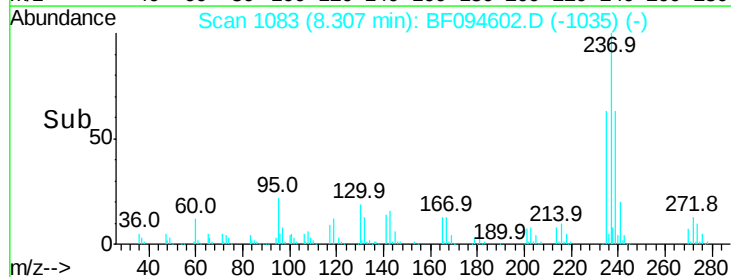
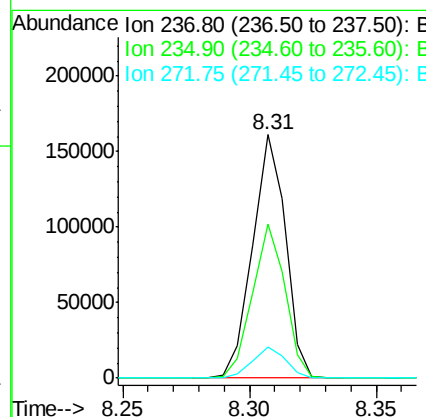
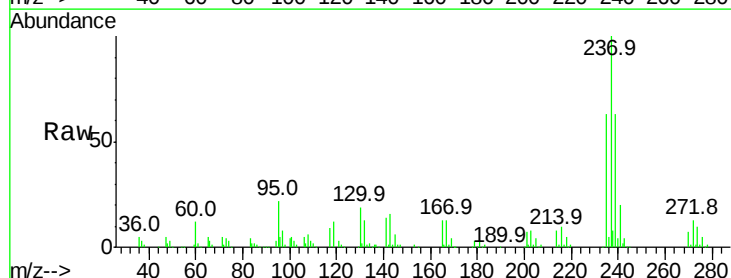
Manual Integrations
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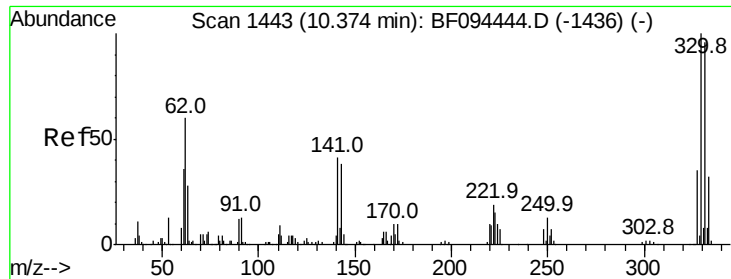
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#40
 Hexachlorocyclopentadiene
 Concen: 55.71 ng
 RT: 8.31 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	42.6	82.6
272	12.9	0.0	31.9





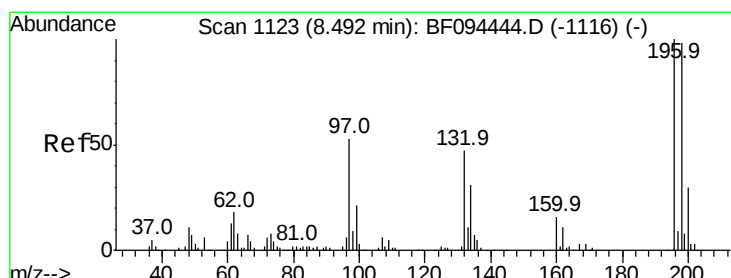
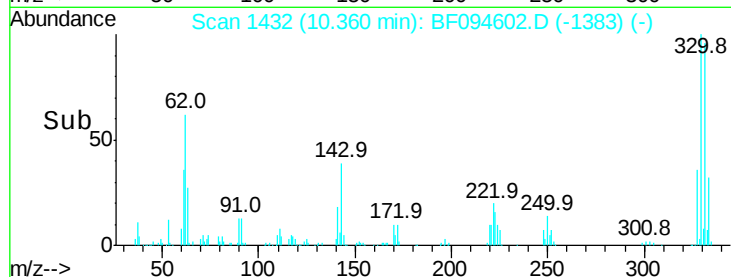
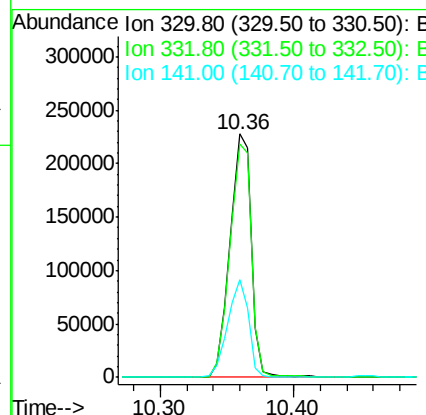
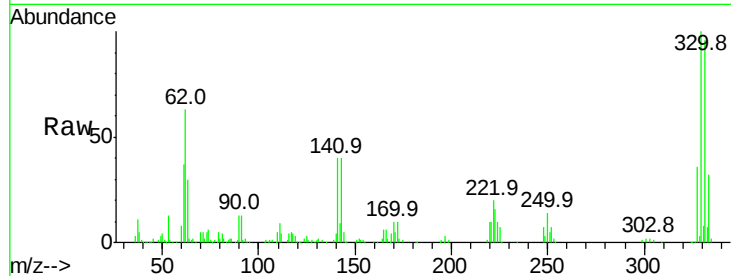
#41
 2,4,6-Tribromophenol
 Concen: 145.54 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	259487		
332	97.6	76.6	115.0	
141	39.6	31.4	47.2	

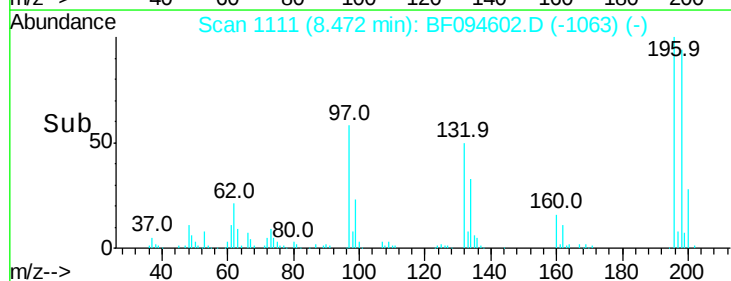
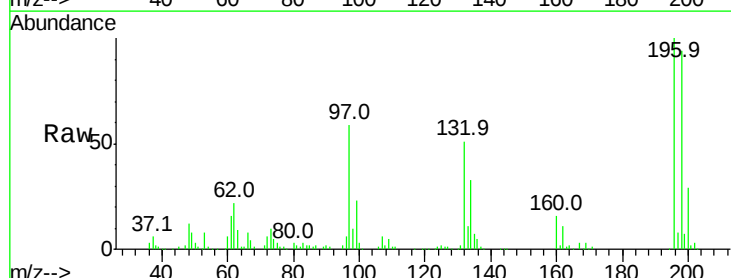
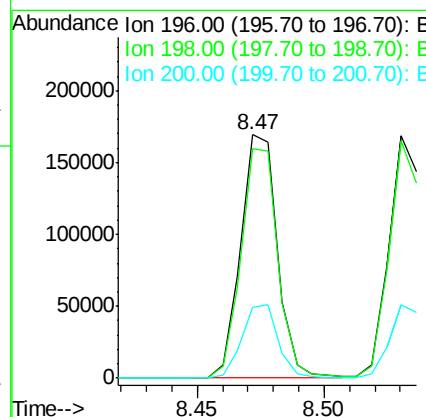
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#42
 2,4,6-Trichlorophenol
 Concen: 37.22 ng
 RT: 8.47 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169664		
198	94.1	74.2	111.4	
200	28.9	24.0	36.0	





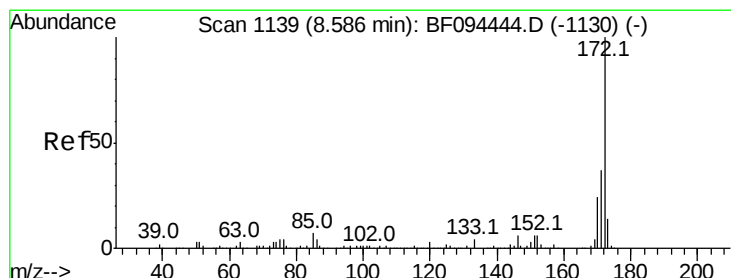
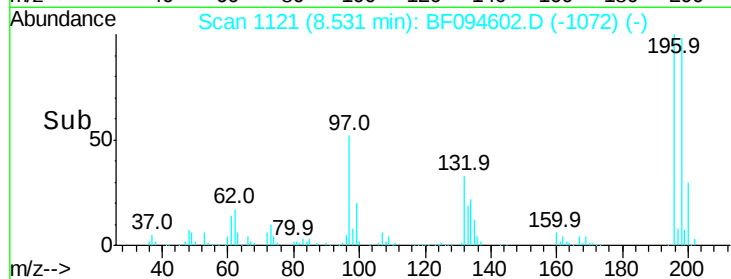
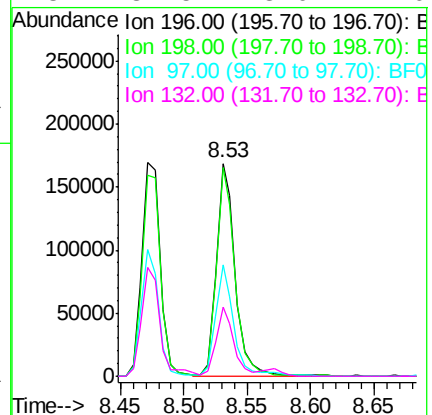
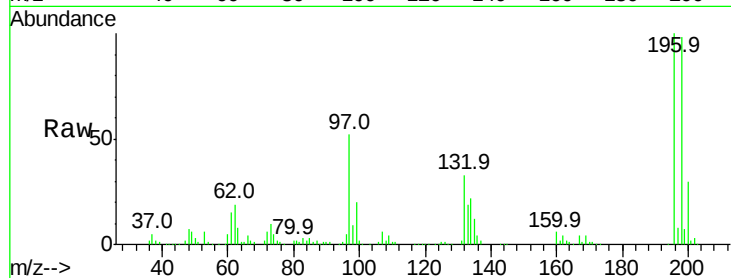
#43
 2,4,5-Trichlorophenol
 Concen: 37.91 ng
 RT: 8.53 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	177466		
198	97.9	75.7	113.5	
97	52.1	47.7	71.5	
132	32.5	28.0	42.0	

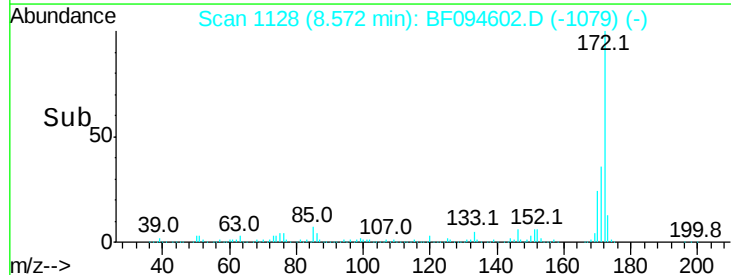
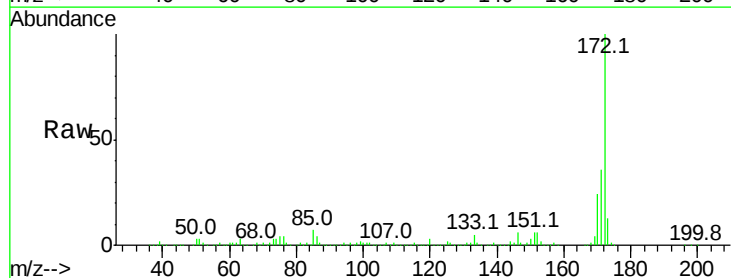
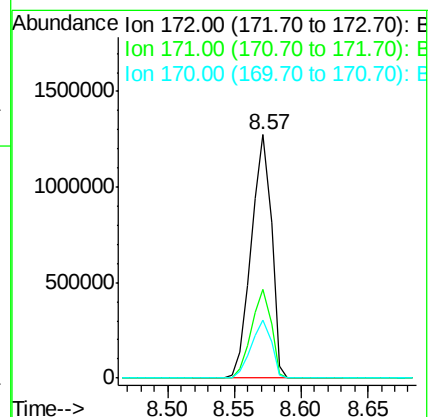
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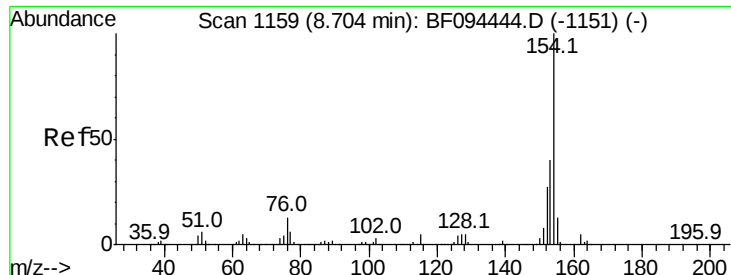
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 85.20 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1319838		
171	36.2	29.6	44.4	
170	23.8	19.8	29.8	





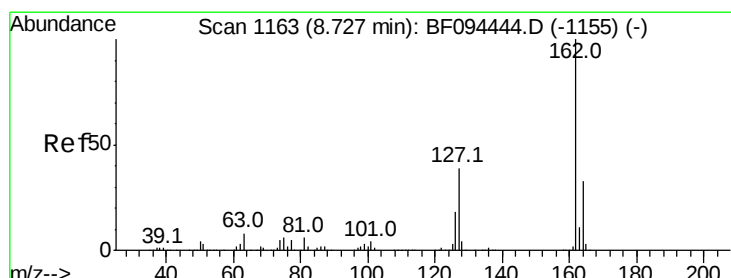
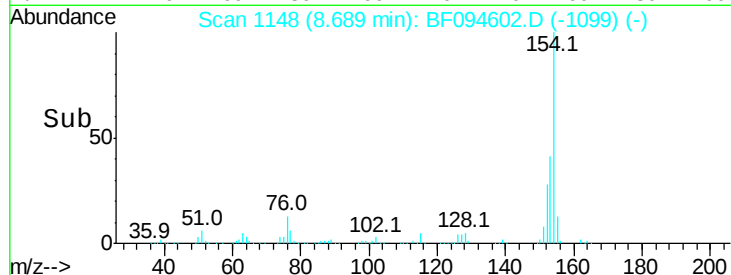
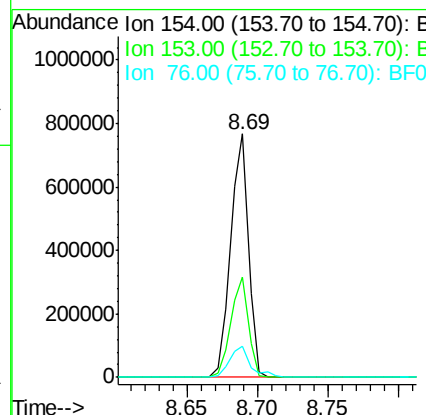
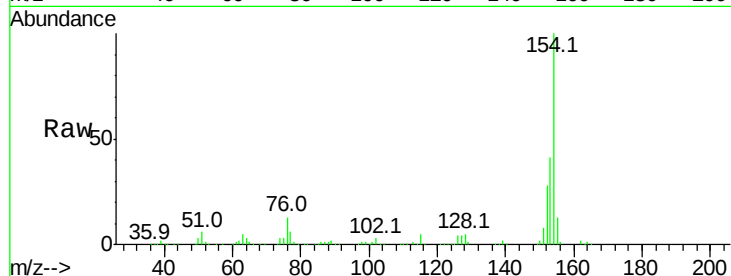
#45
 1,1'-Biphenyl
 Concen: 36.03 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	671052		
153	41.0	21.2	61.2	
76	12.6	0.0	29.9	

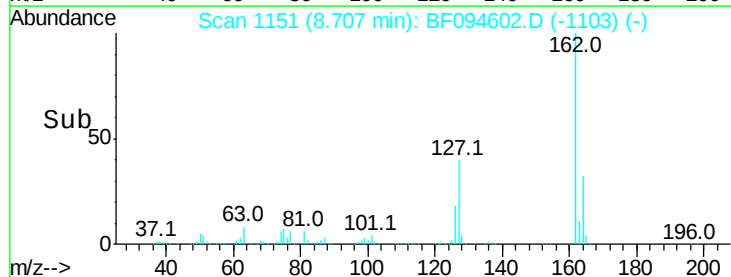
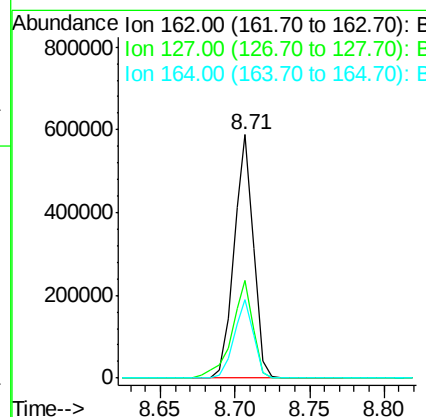
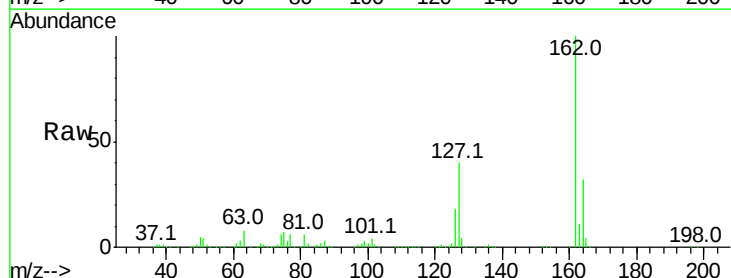
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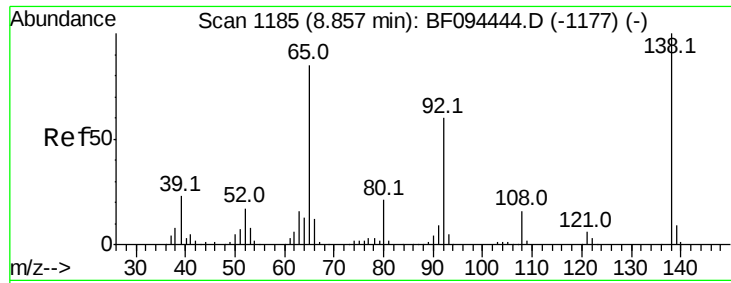
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#46
 2-Chloronaphthalene
 Concen: 36.33 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	537946		
127	39.9	28.3	42.5	
164	32.3	27.0	40.4	





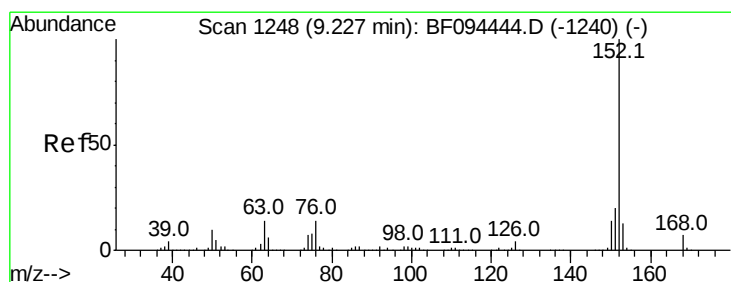
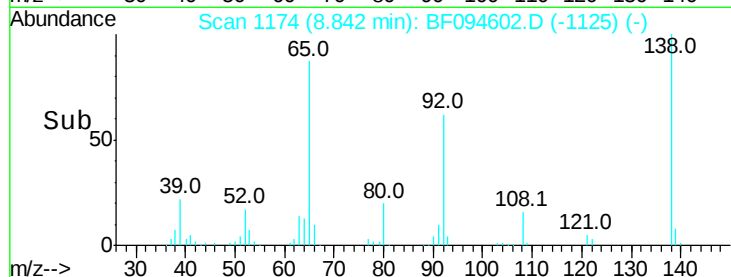
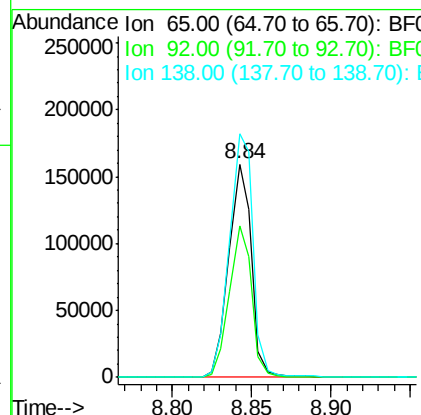
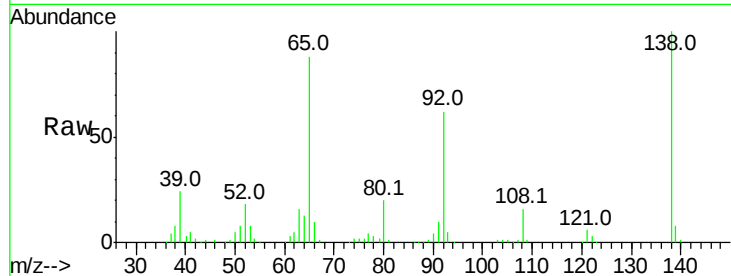
#47
 2-Nitroaniline
 Concen: 37.16 ng
 RT: 8.84 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.9	80.9
138	114.1	78.8	118.2

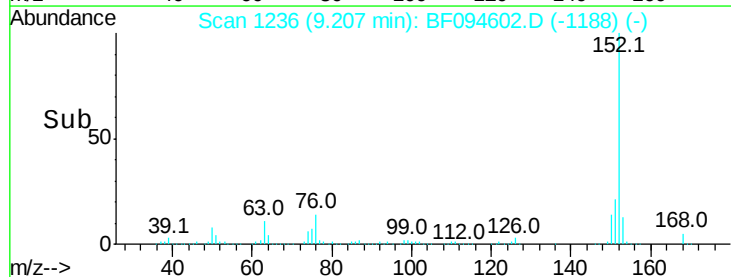
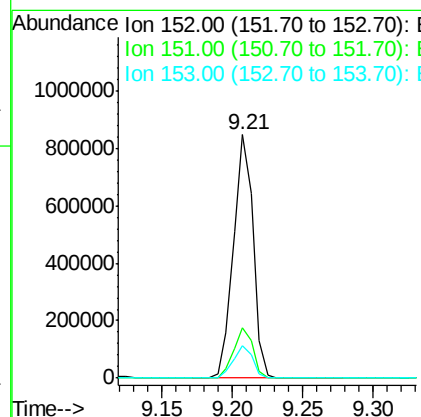
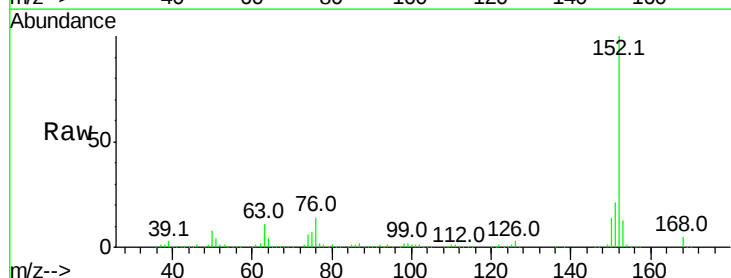
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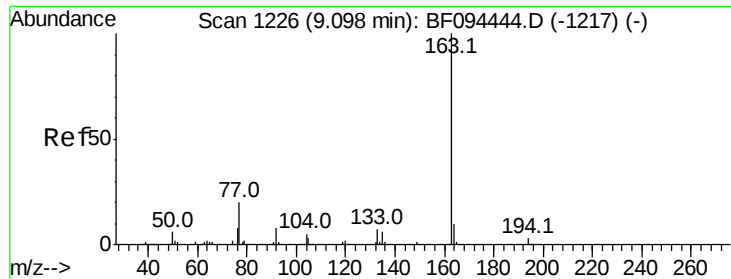
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#48
 Acenaphthylene
 Concen: 35.41 ng
 RT: 9.21 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.4	10.8	16.2





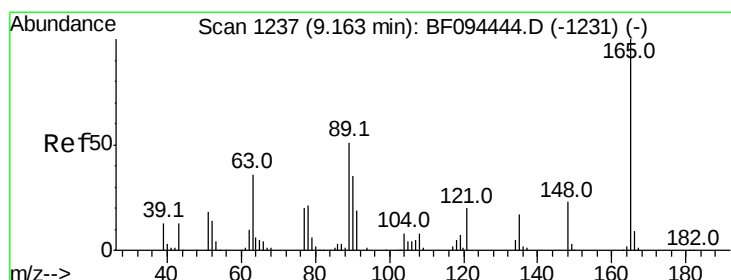
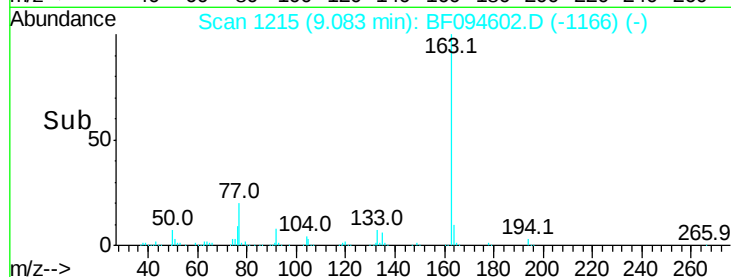
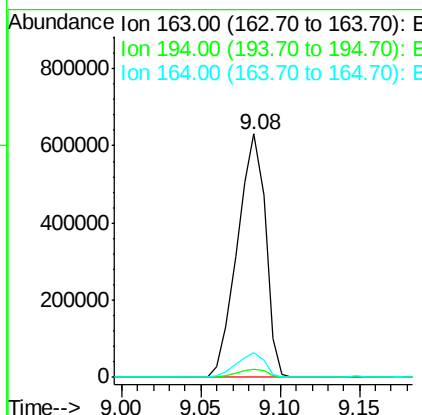
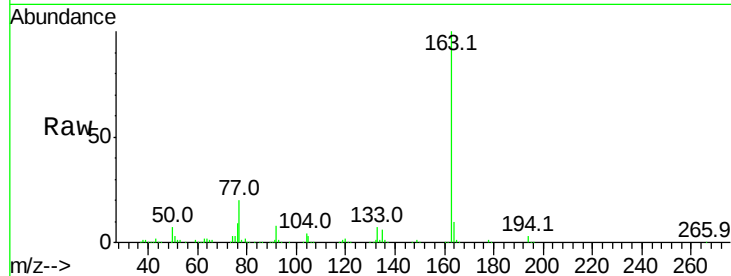
#49
Dimethylphthalate
Concen: 45.67 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	775769		
194	3.4		2.6	4.0
164	10.2		8.4	12.6

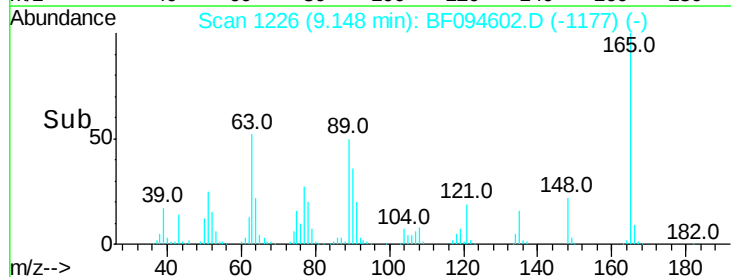
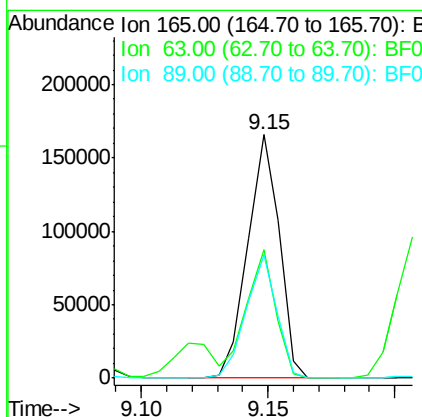
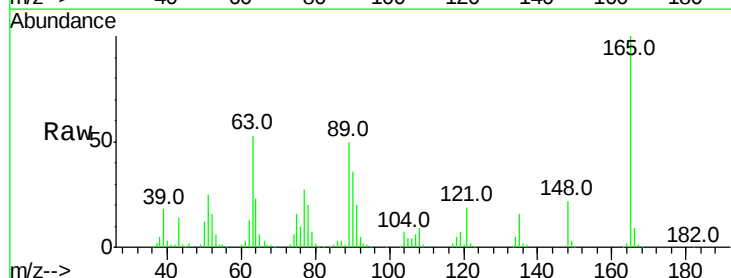
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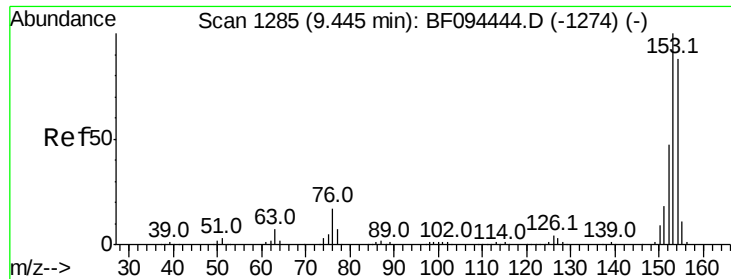
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#50
2,6-Dinitrotoluene
Concen: 37.79 ng
RT: 9.15 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144103		
63	52.7		34.3	51.5#
89	50.4		37.1	55.7





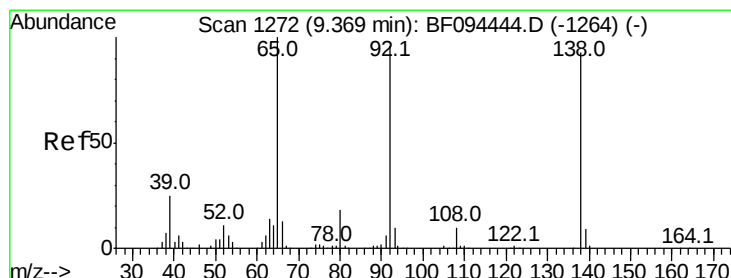
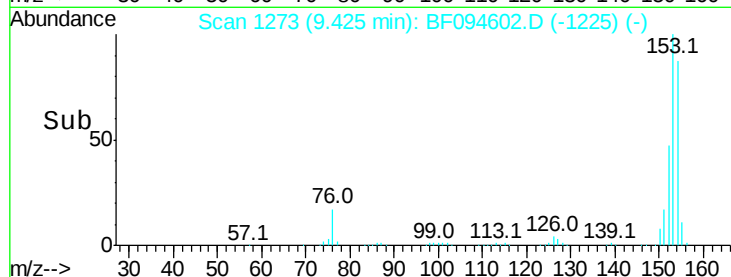
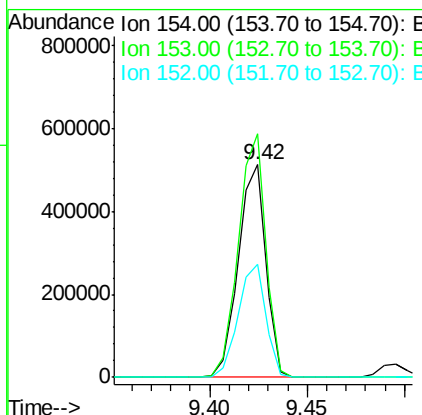
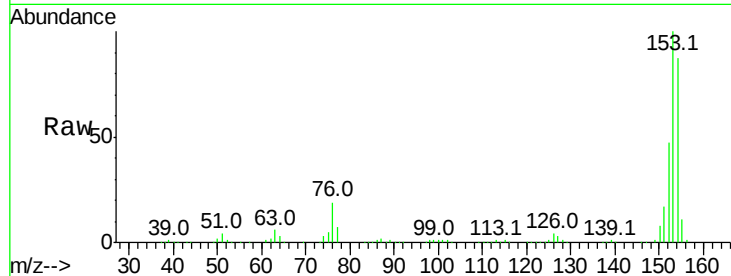
#51
Acenaphthene
Concen: 36.22 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.5	135.7
152	53.5	43.6	65.4

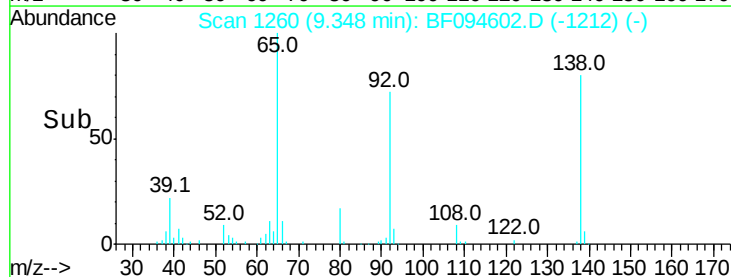
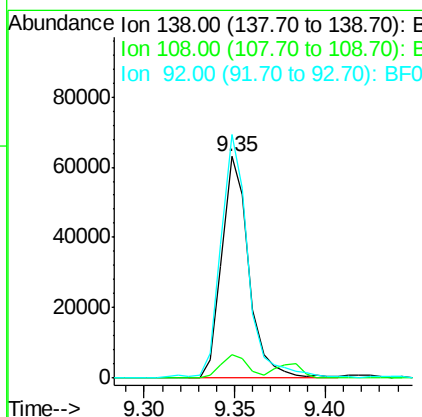
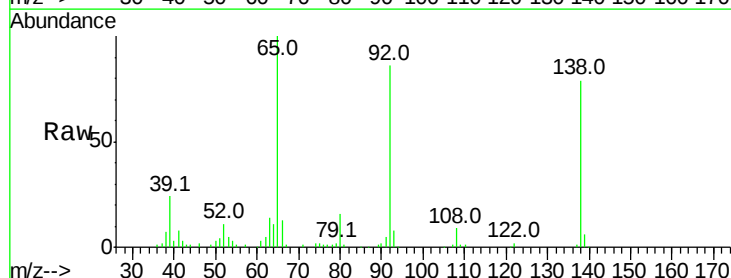
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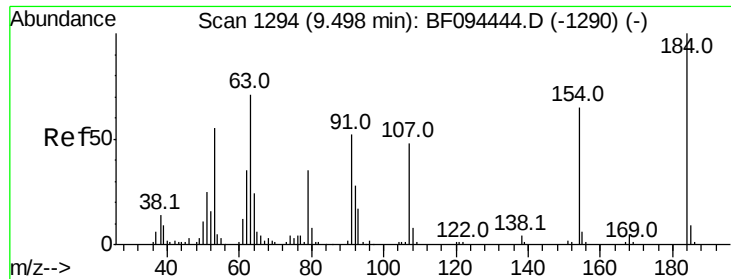
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#52
3-Nitroaniline
Concen: 14.96 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	109.8	93.8	140.6





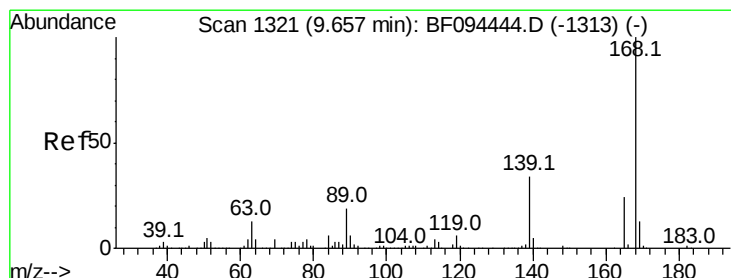
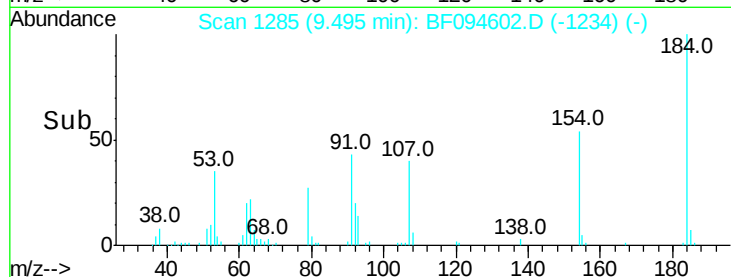
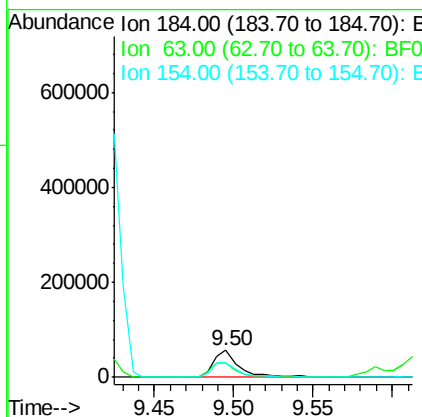
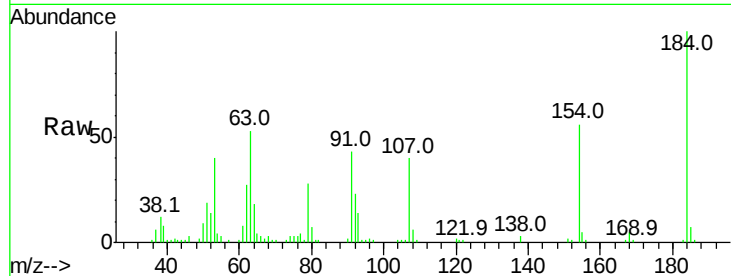
#53
 2,4-Dinitrophenol
 Concen: 34.76 ng
 RT: 9.50 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion:184 Resp: 64662
 Ion Ratio Lower Upper
 184 100
 63 53.3 62.7 94.1#
 154 56.2 81.1 121.7#

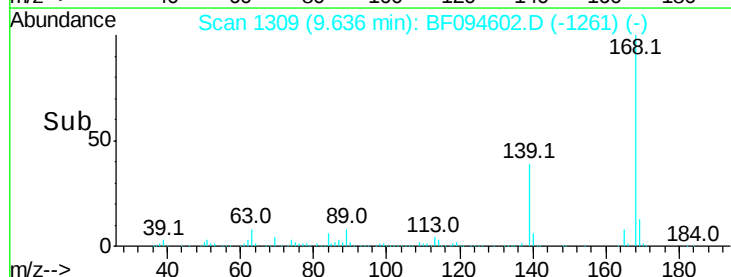
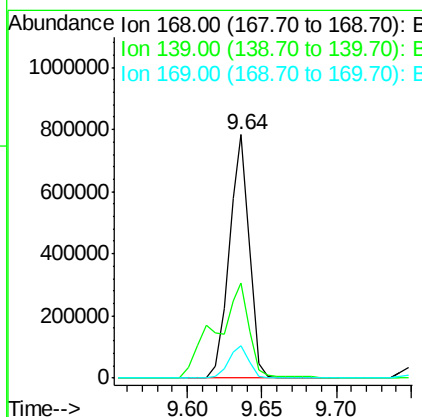
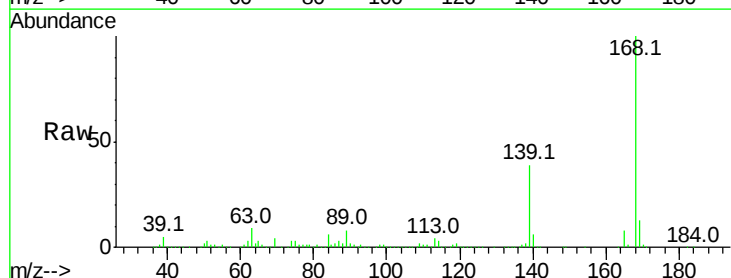
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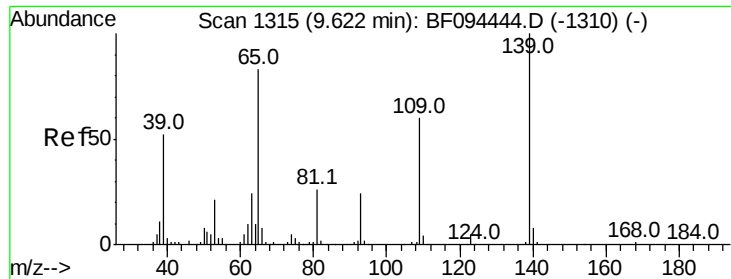
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#54
 Dibenzofuran
 Concen: 36.76 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion:168 Resp: 738789
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.6 45.8
 169 13.4 10.8 16.2





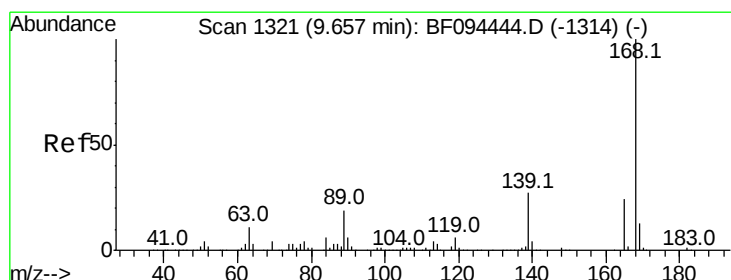
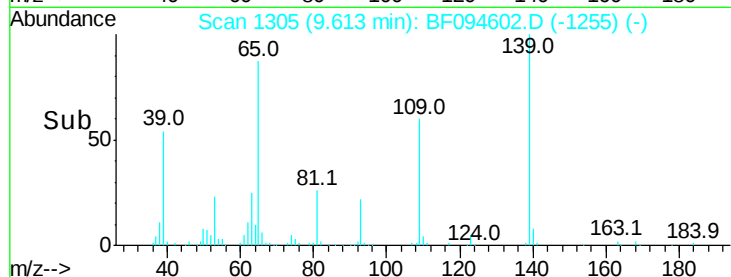
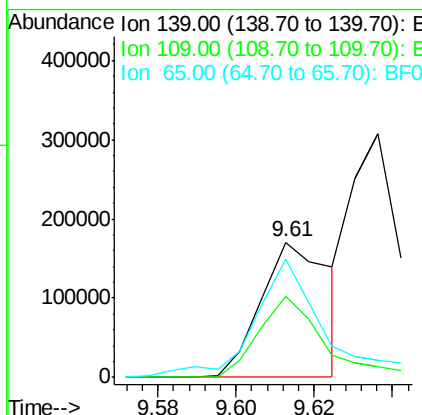
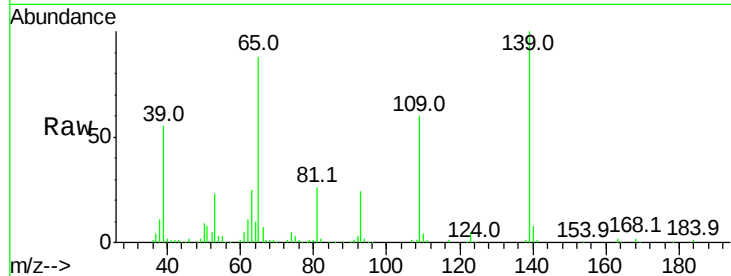
#55
4-Nitrophenol
Concen: 67.25 ng/ml
RT: 9.61 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	209589		
109	59.6		34.1	74.1
65	87.7		31.4	71.4

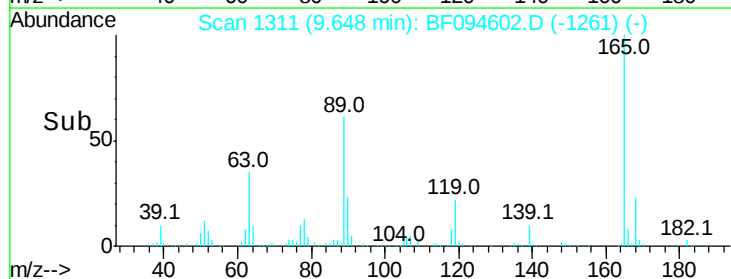
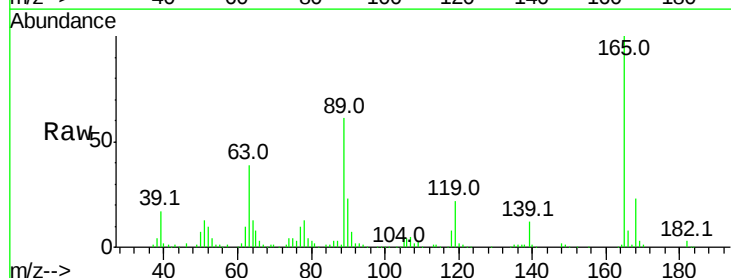
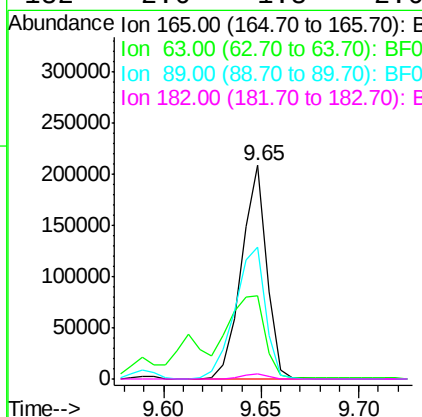
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#56
2,4-Dinitrotoluene
Concen: 39.87 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	186506		
63	39.1		25.4	38.0
89	61.5		46.4	69.6
182	2.6		1.8	2.6





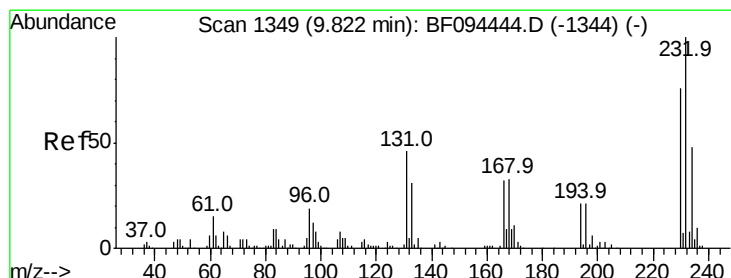
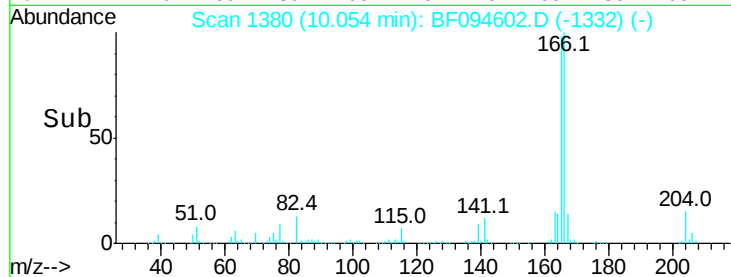
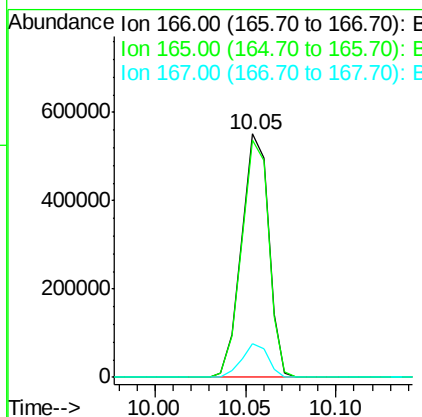
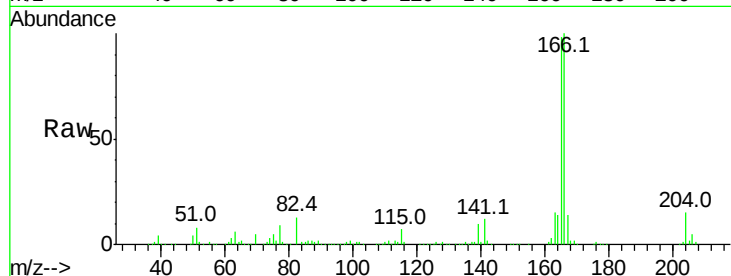
#57
Fluorene
 Concen: 36.83 ng
 RT: 10.05 min Scan# 1380
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	576307		
165	97.6		78.8	118.2
167	13.8		10.6	16.0

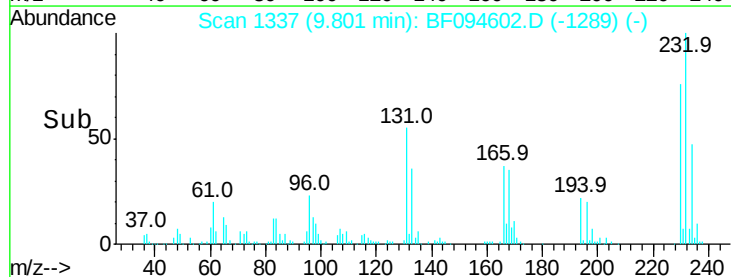
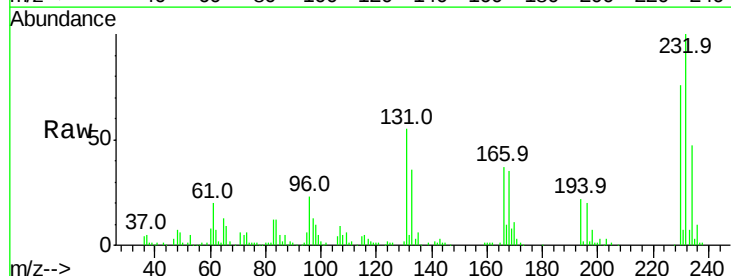
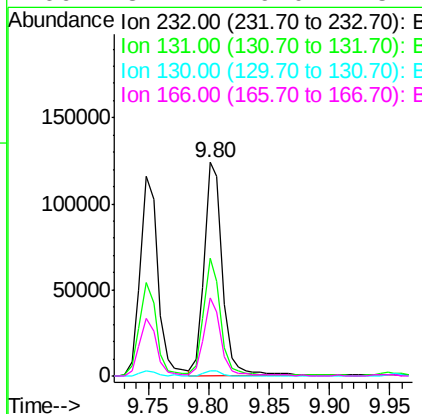
Manual Integrations
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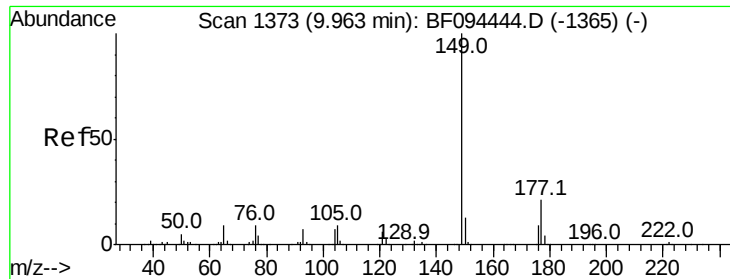
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.01 ng
 RT: 9.80 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	130894		
231	50.6		44.8	67.2
130	2.3		2.3	3.5
166	34.7		29.0	43.4





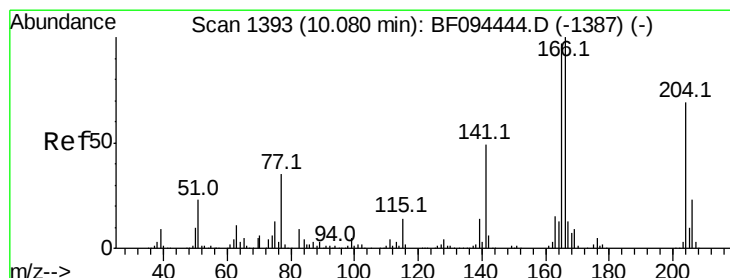
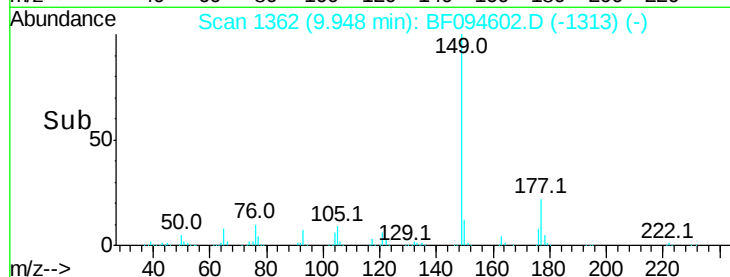
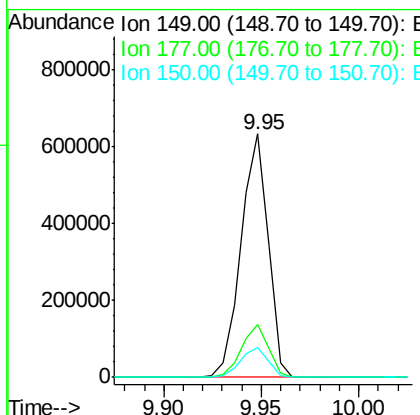
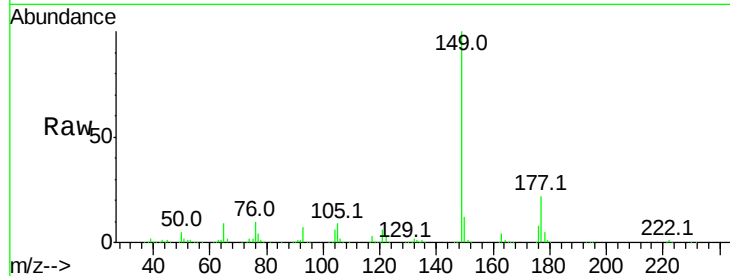
#59
Diethylphthalate
Concen: 38.04 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	609634		
177	22.0		16.7	25.1
150	12.4		10.2	15.2

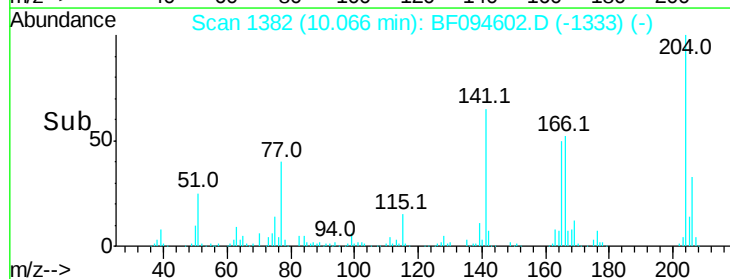
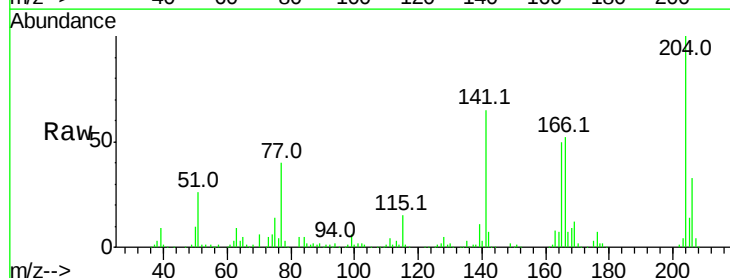
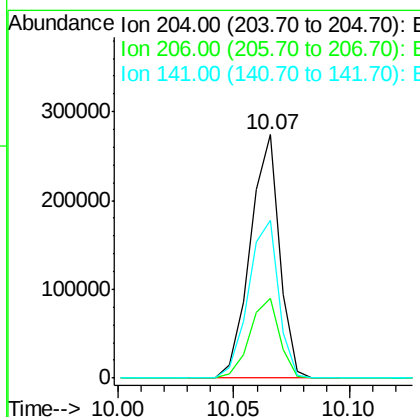
Manual Integrations
APPROVED

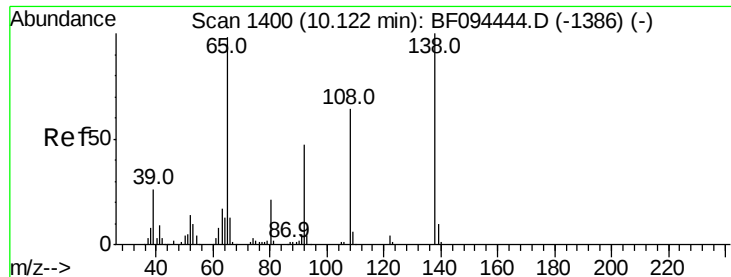
mohammad
4/26/2017 2:20:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.34 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	243175		
206	32.8		26.2	39.2
141	64.6		60.8	91.2





#61

4-Nitroaniline

Concen: 31.23 ng

RT: 10.11 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

E2-W8-BASEMSD

Tot Ion:138 Resp: 140067

Ion Ratio Lower Upper

138 100

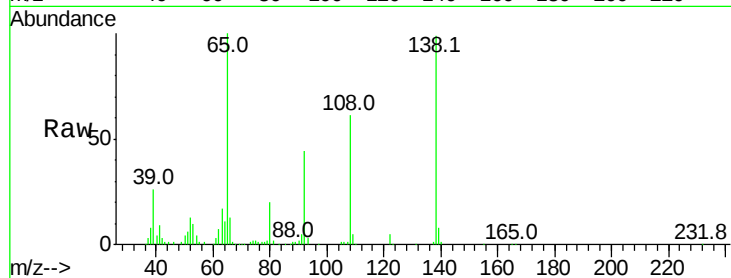
92 44.3 21.8 61.8

108 62.1 42.3 82.3

Manual Integrations
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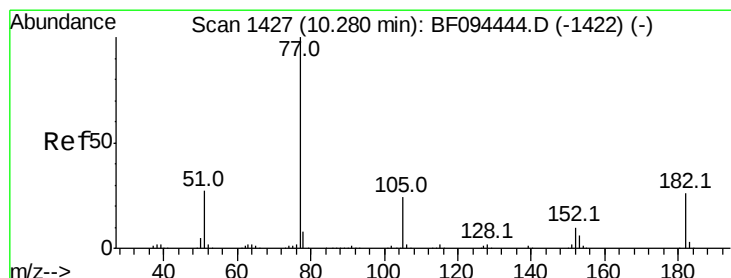
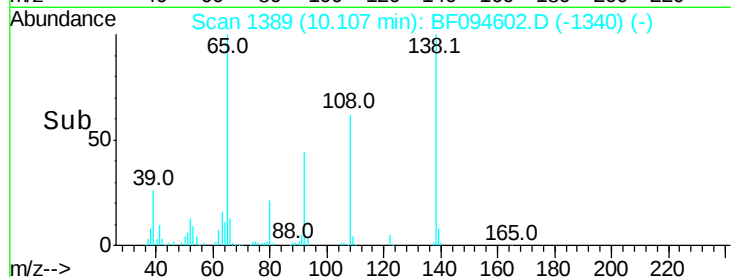
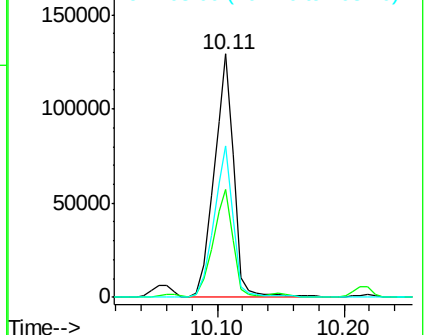
4/26/2017 2:20:43 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.66 ng

RT: 10.26 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Tgt Ion: 77 Resp: 585995

Ion Ratio Lower Upper

77 100

182 25.1 0.1 40.1

105 23.4 3.6 43.6

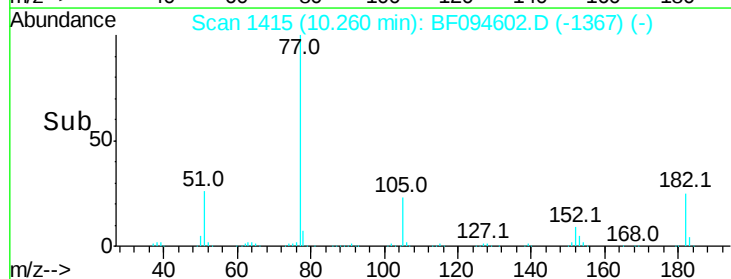
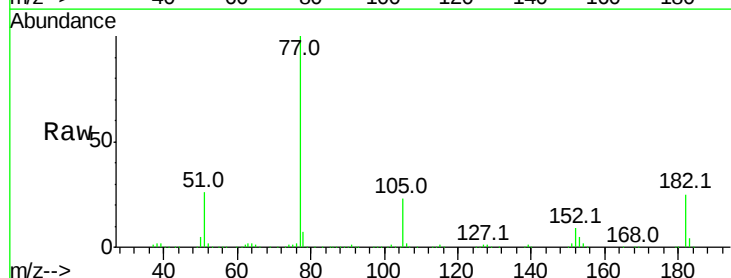
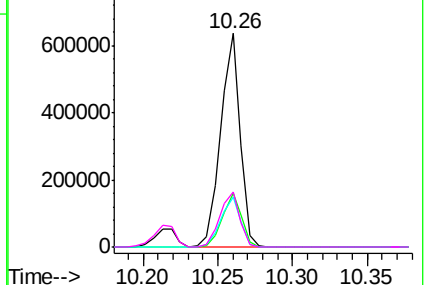
51 26.0 9.4 49.4

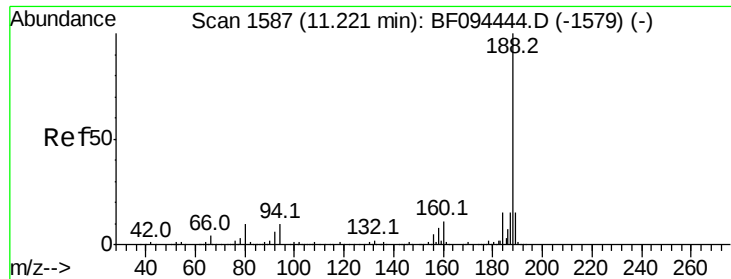
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





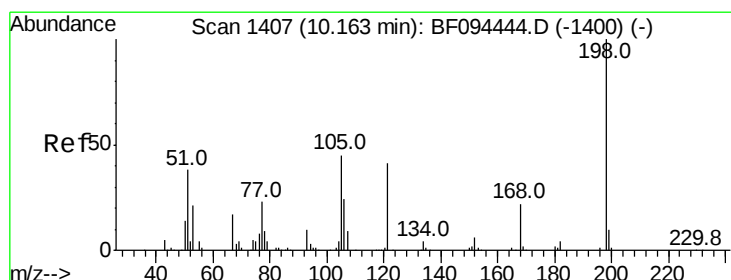
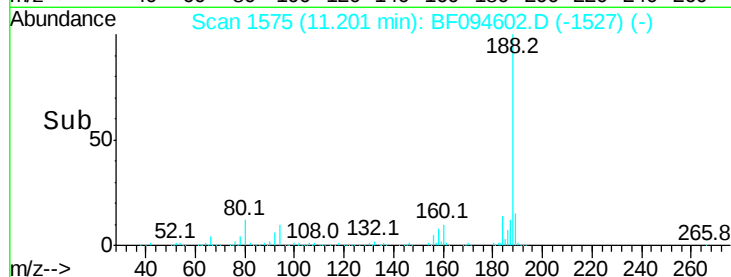
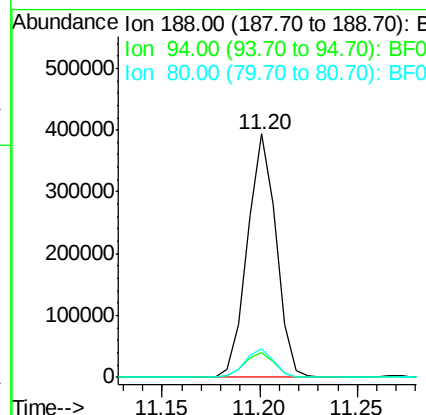
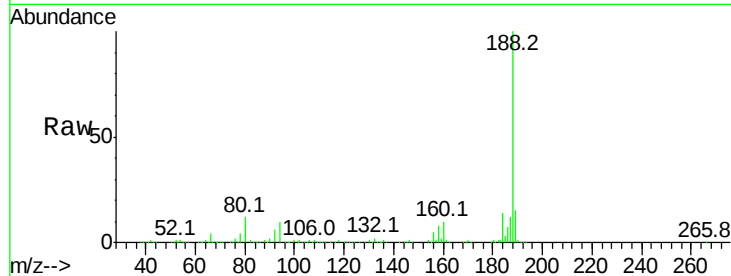
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	401155		
94	10.4		9.4	14.2
80	11.8		10.2	15.2

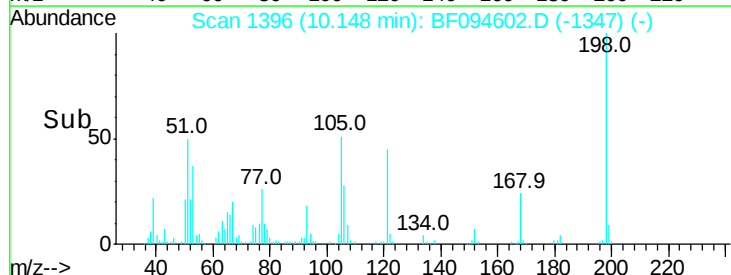
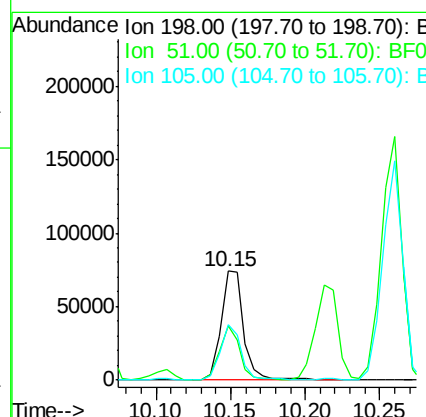
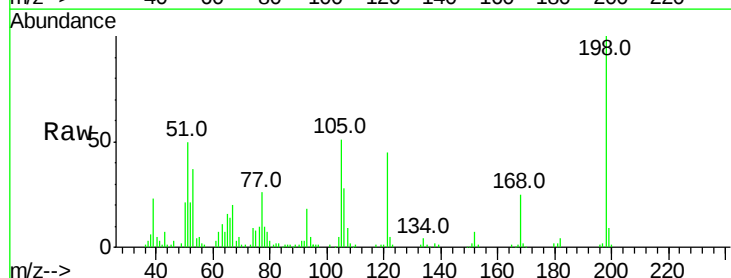
Manual Integrations
APPROVED

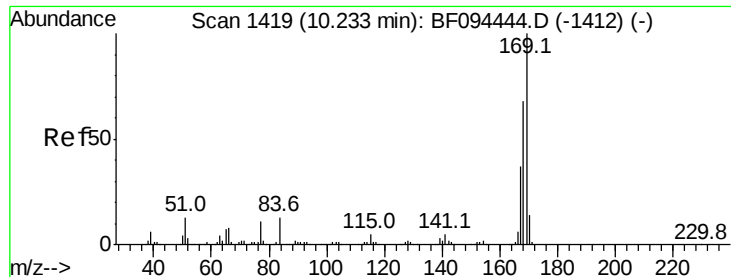
mohammad
4/26/2017 2:20:43 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 29.81 ng
RT: 10.15 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	78349		
51	49.7		53.2	93.2#
105	51.1		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 37.96 ng

RT: 10.22 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

E2-W8-BASEMSD

Tot Ion:169 Resp: 529665

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

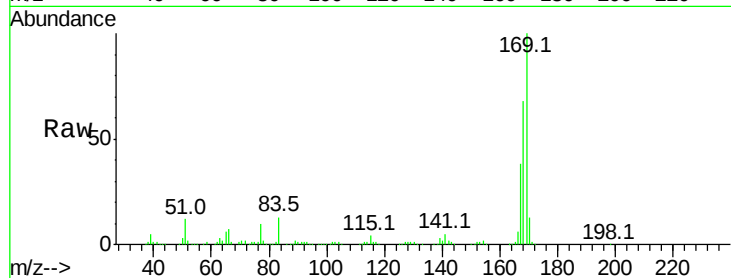
167 37.5 29.5 44.3

Manual Integrations

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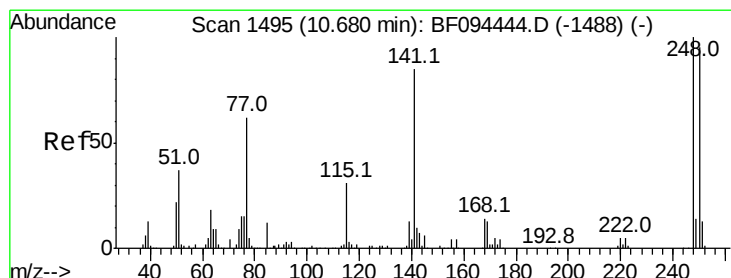
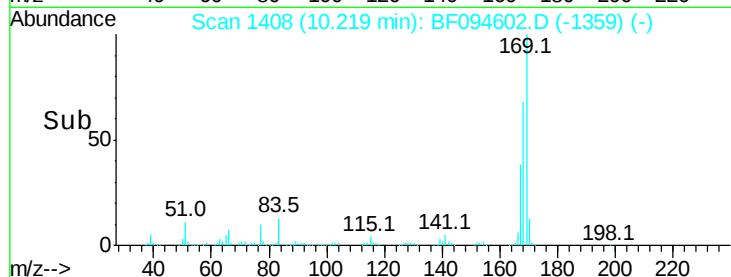
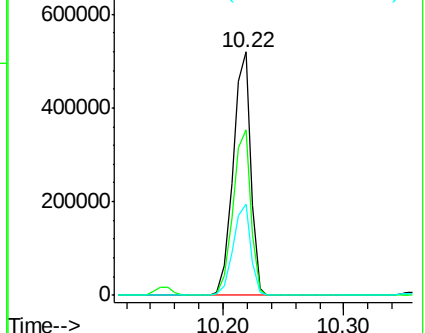
4/26/2017 2:20:43 PM



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: 38.06 ng

RT: 10.66 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

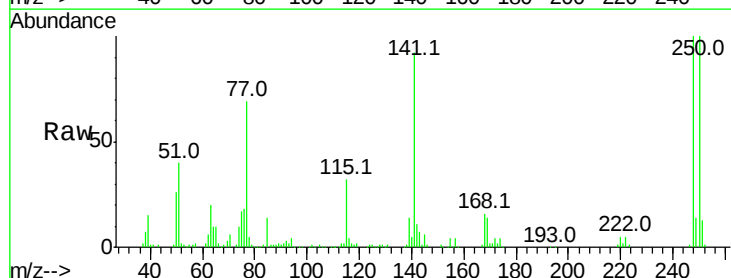
Tgt Ion:248 Resp: 151608

Ion Ratio Lower Upper

248 100

250 100.4 76.8 115.2

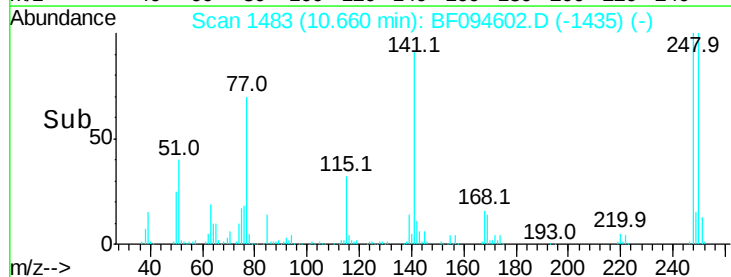
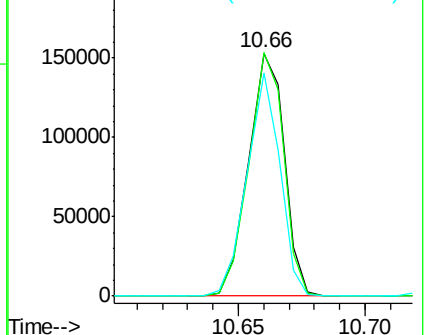
141 91.9 68.6 103.0

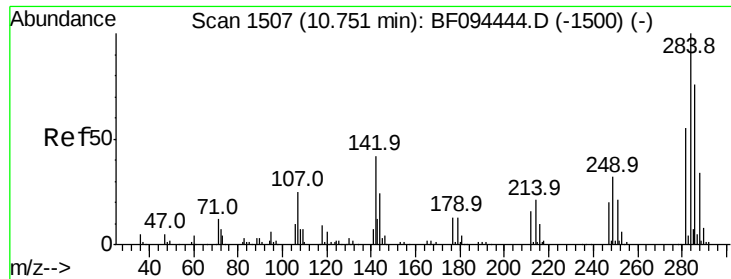


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





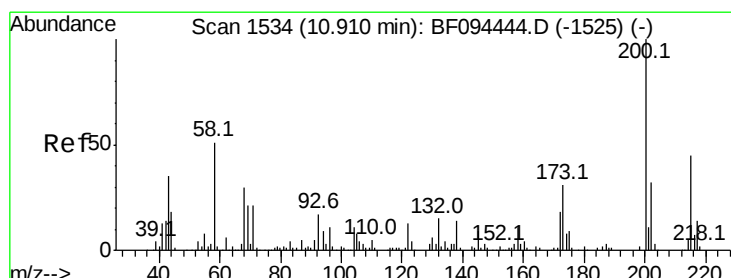
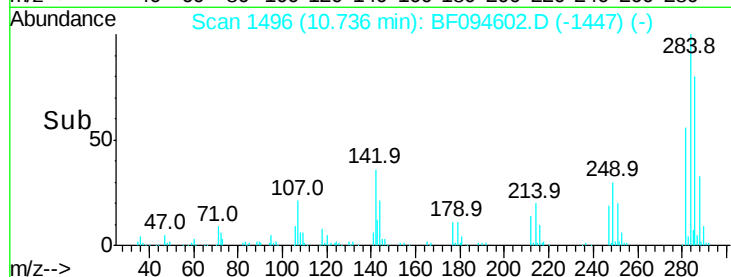
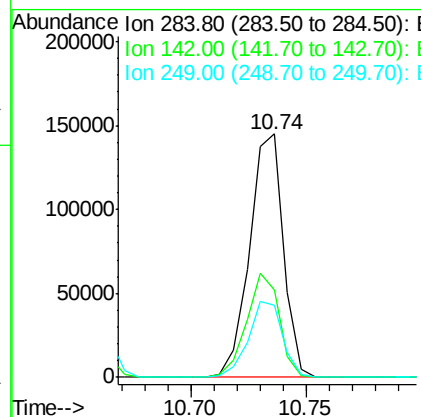
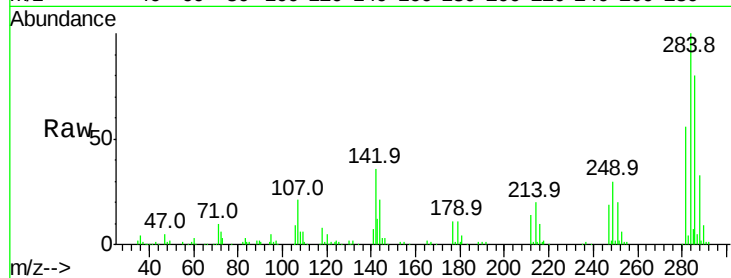
#67
Hexachlorobenzene
Concen: 37.05 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.7	22.8	34.2	
249	29.7	24.0	36.0	

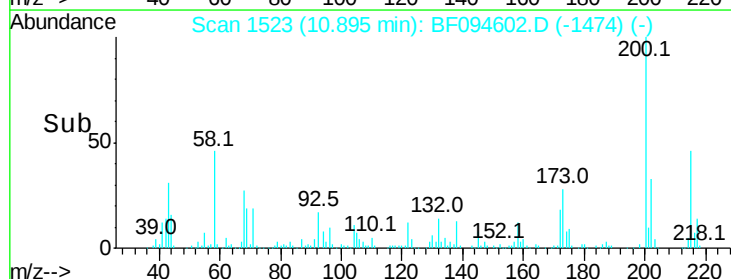
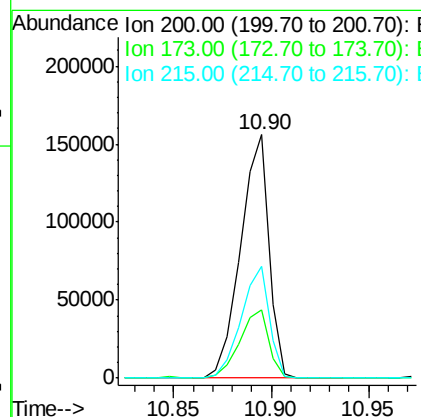
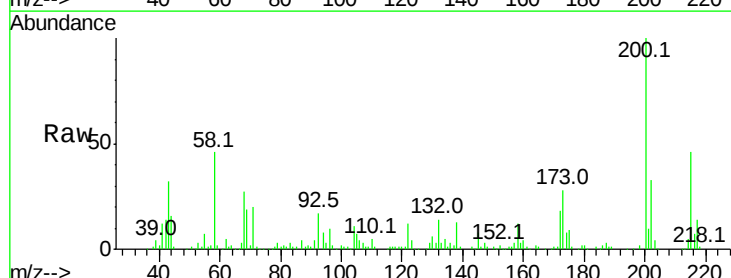
Manual Integrations
APPROVED

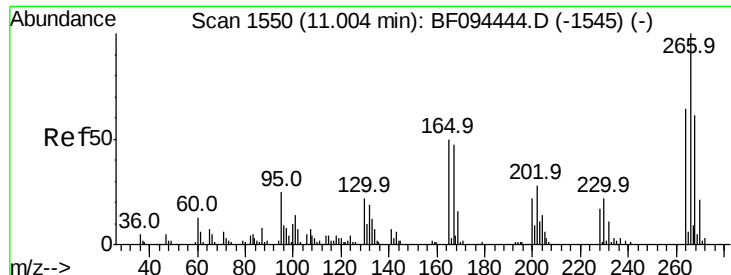
mohammad
4/26/2017 2:20:43 PM



#68
Atrazine
Concen: 37.66 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.2	6.3	46.3	
215	46.0	27.2	67.2	





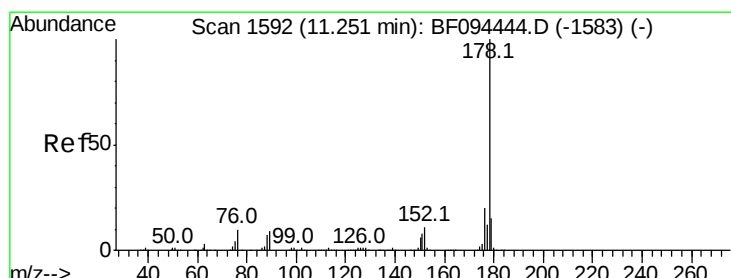
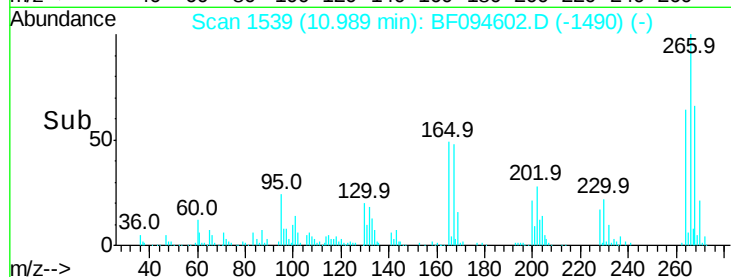
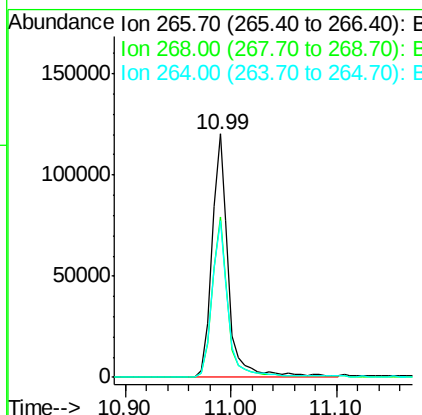
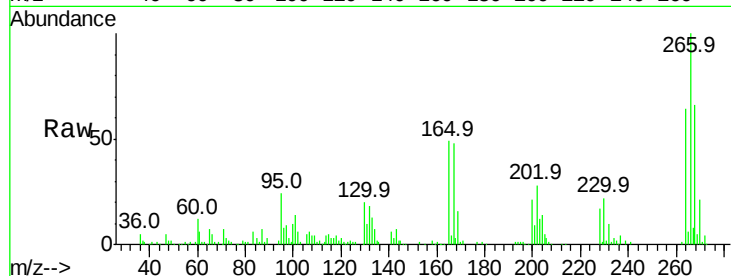
#69
 Pentachlorophenol
 Concen: 83.01 ng
 RT: 10.99 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132315		
268	65.9		51.1	76.7
264	64.2		51.7	77.5

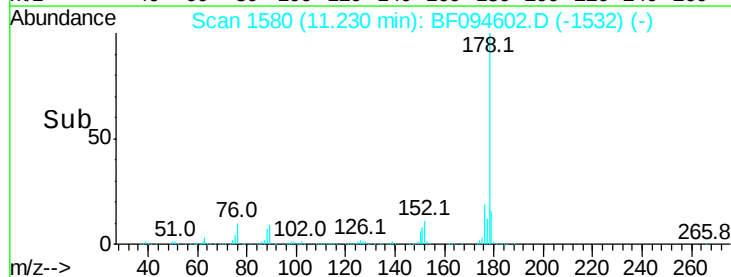
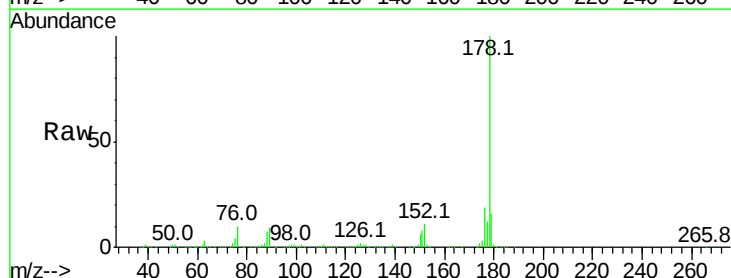
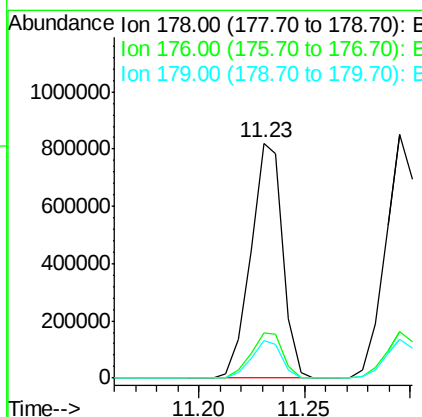
Manual Integrations
 APPROVED

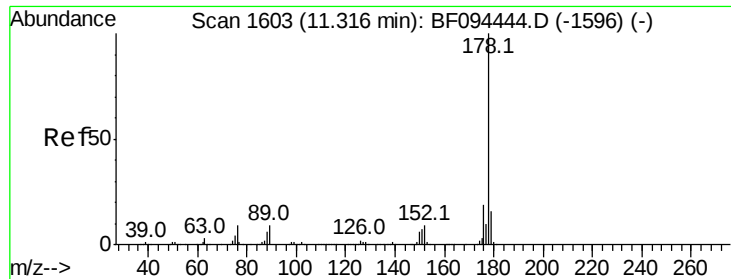
mohammad
 4/26/2017 2:20:43 PM



#70
 Phenanthrene
 Concen: 37.97 ng
 RT: 11.23 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	857749		
176	19.5		16.2	24.4
179	15.7		12.6	19.0





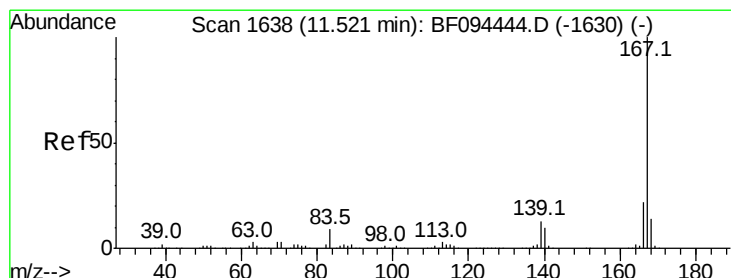
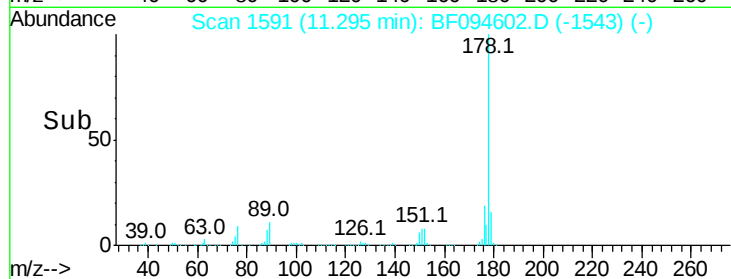
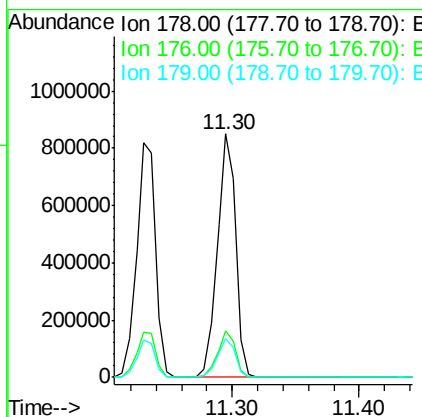
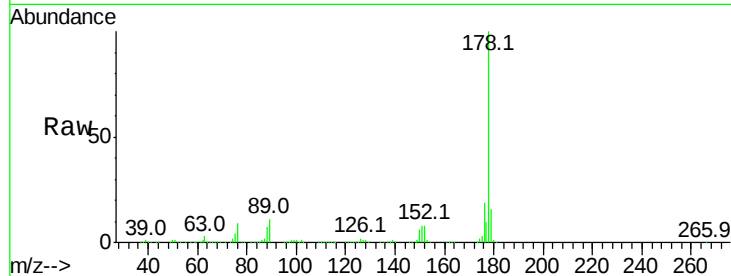
#71
 Anthracene
 Concen: 36.96 ng
 RT: 11.30 min Scan# 1591
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.1	12.7	19.1

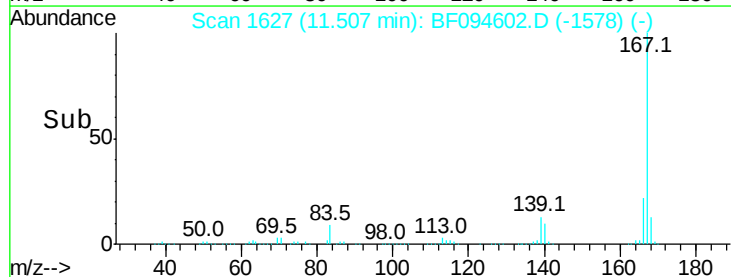
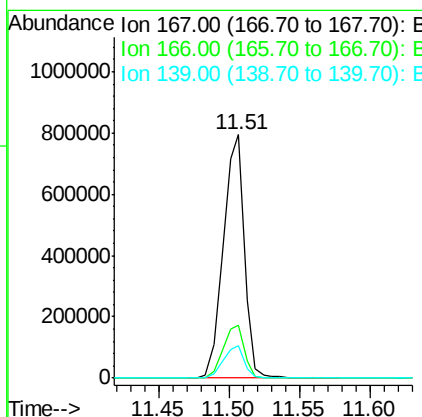
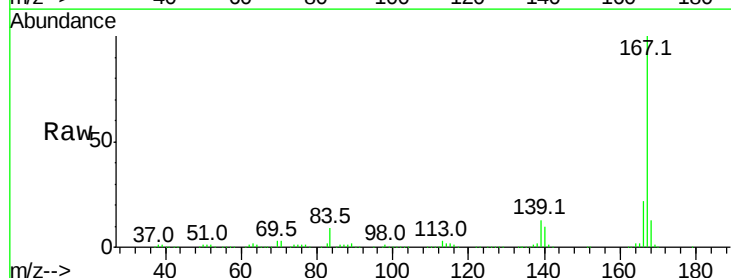
Manual Integrations
 APPROVED

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 4/26/2017 2:20:43 PM



#72
 Carbazole
 Concen: 37.42 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	13.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.54 ng

RT: 11.95 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

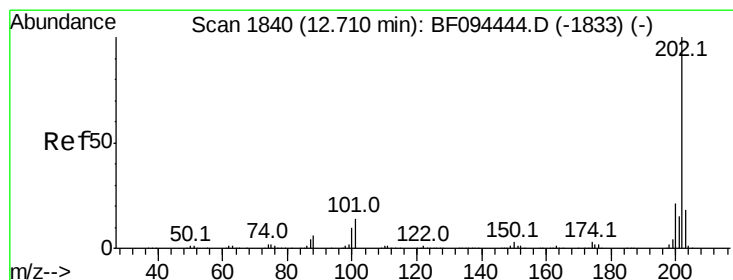
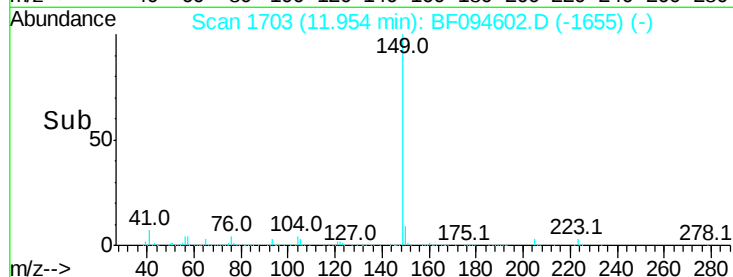
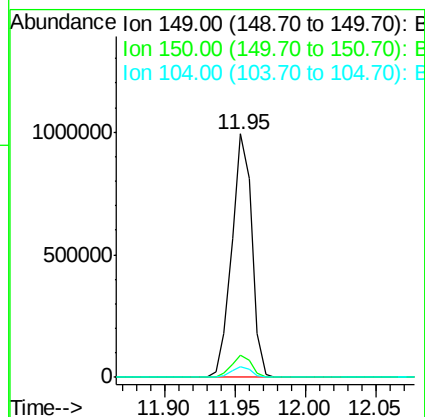
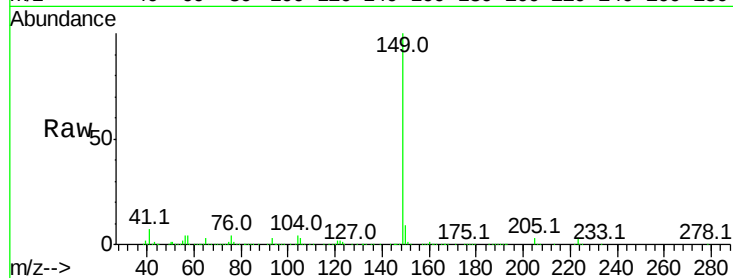
ClientSampleId :

E2-W8-BASEMSD

Tot Ion:	149	Resp:	978984
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.4	4.0	6.0

Manual Integrations
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4/26/2017 2:20:43 PM



#74

Fluoranthene

Concen: 38.50 ng

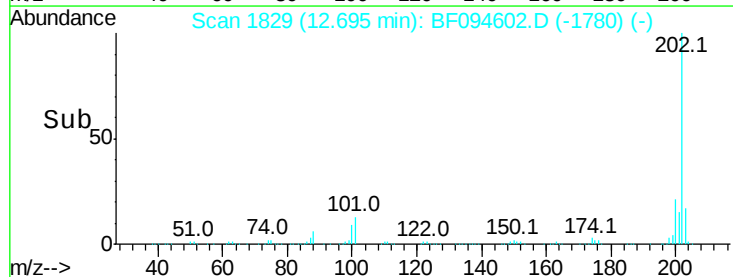
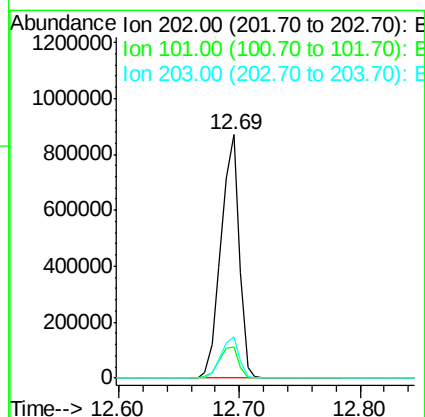
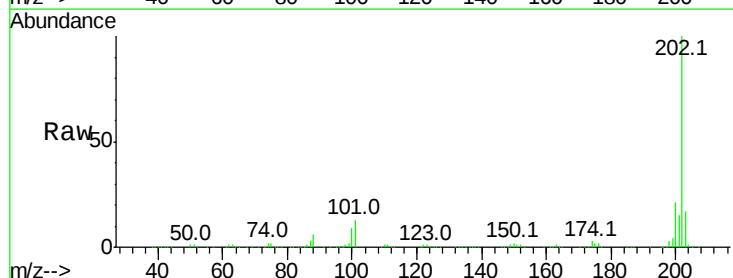
RT: 12.69 min Scan# 1829

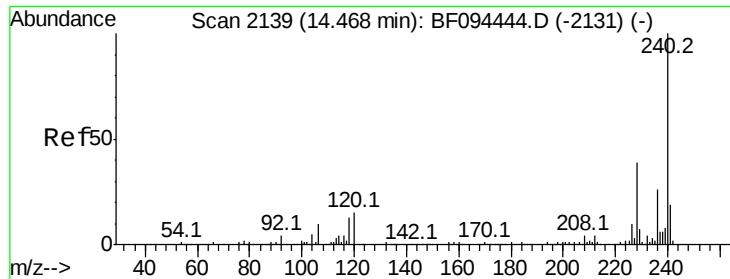
Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Tgt Ion:	202	Resp:	901473
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

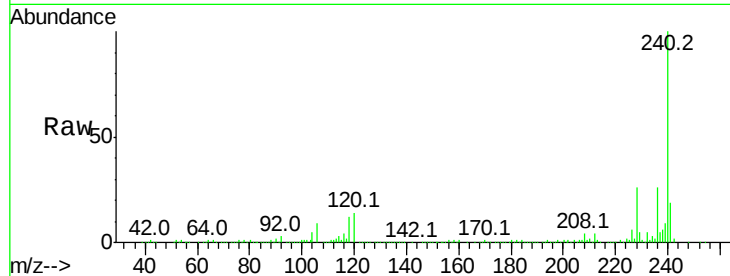
ClientSampleId :

E2-W8-BASEMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	26.0	20.5	30.7

Manual Integrations
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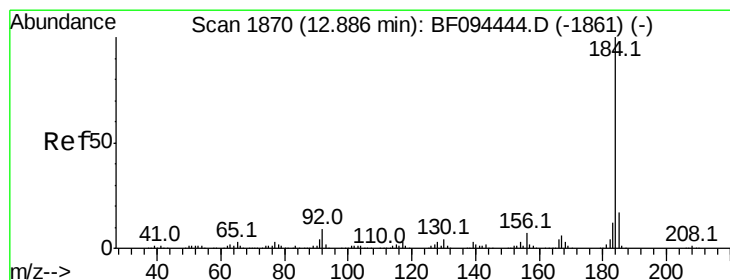
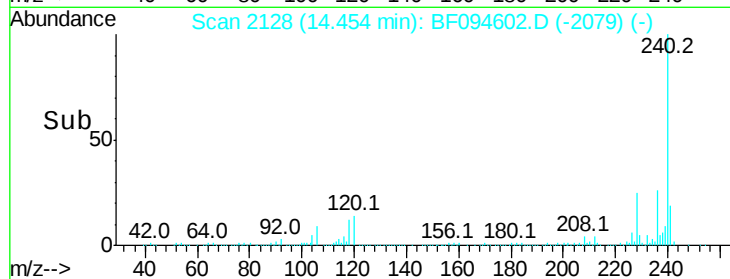
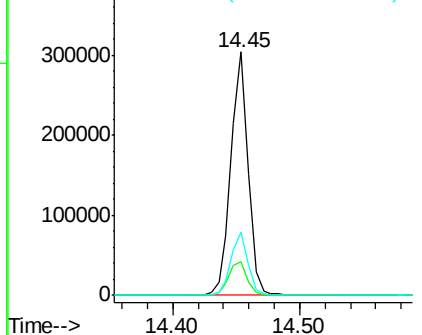
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.10 ng

RT: 12.87 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF094602.D

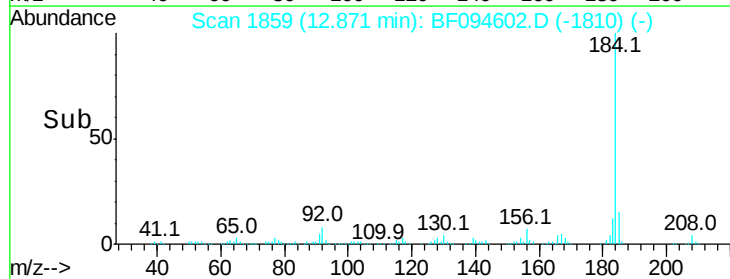
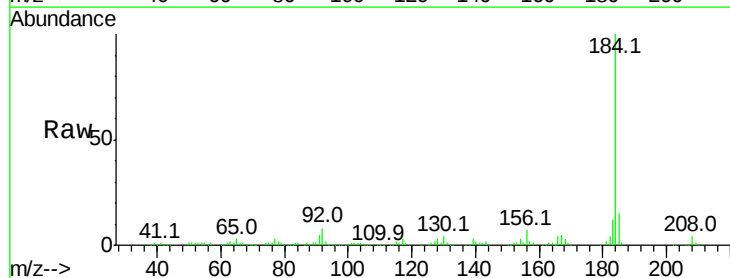
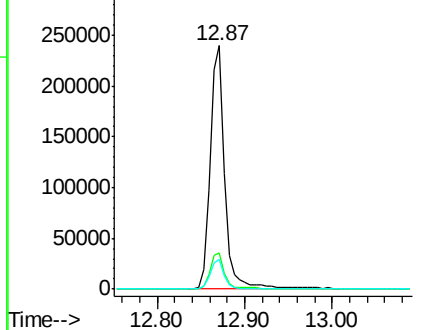
Acq: 25 Apr 2017 13:49

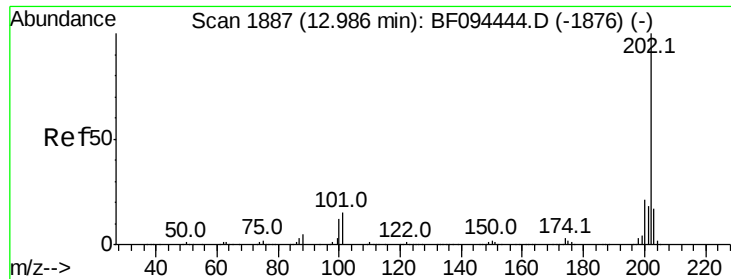
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	15.5	23.3#
183	12.3	9.8	14.6

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





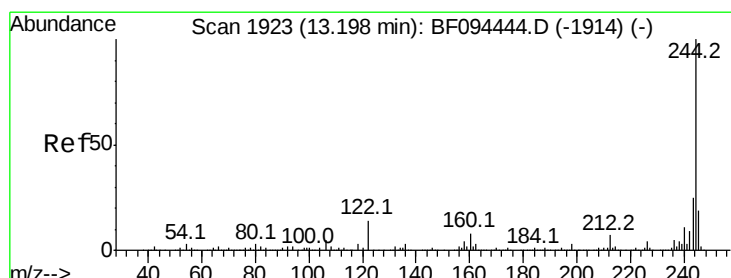
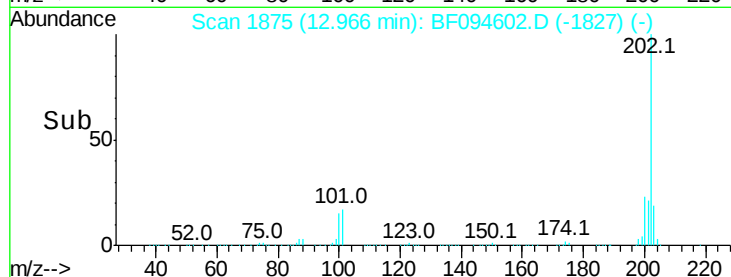
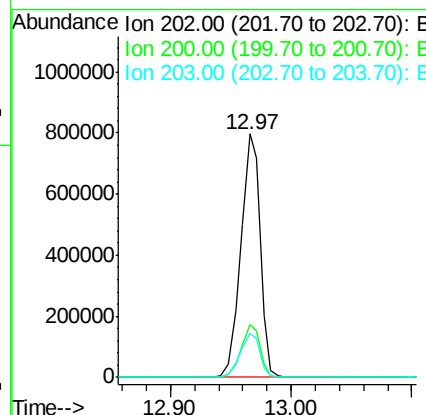
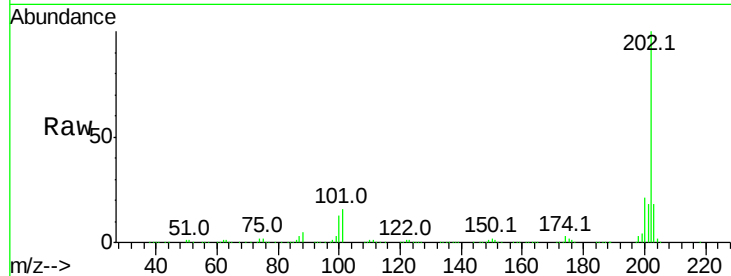
#77
Pvrene
Concen: 44.81 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	892768		
200	21.5		17.6	26.4
203	18.0		14.4	21.6

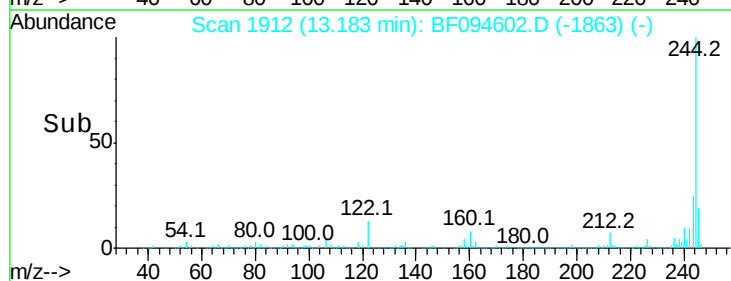
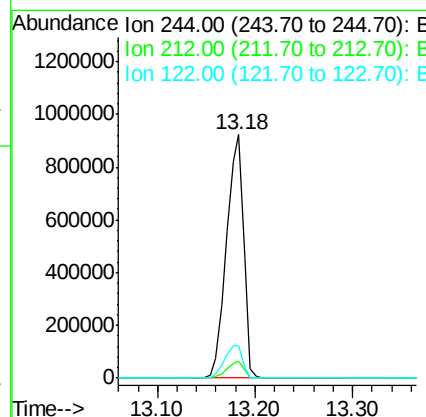
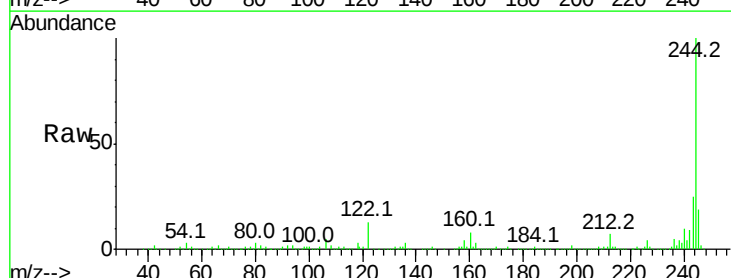
Manual Integrations
APPROVED

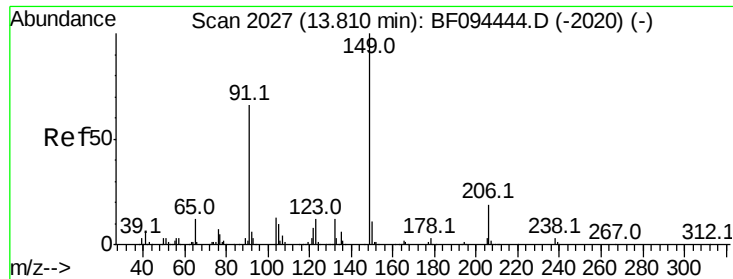
mohammad
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#78
Terphenyl-d14
Concen: 105.00 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1120231		
212	6.9		6.0	9.0
122	13.2		10.3	15.5





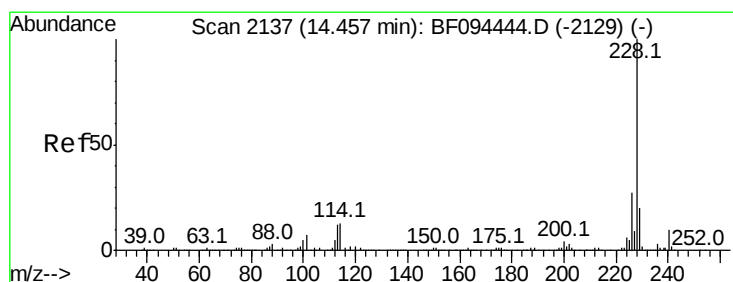
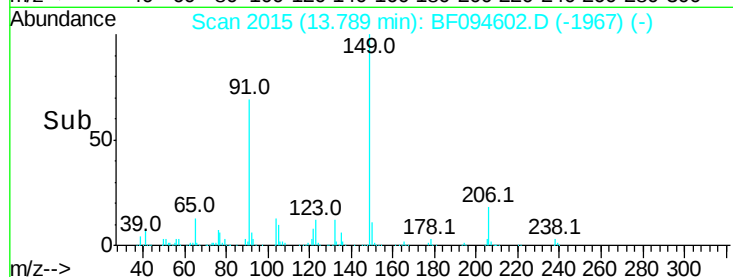
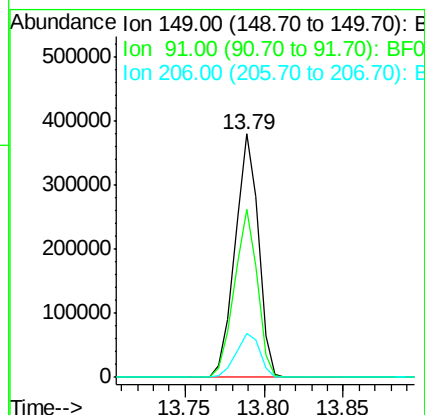
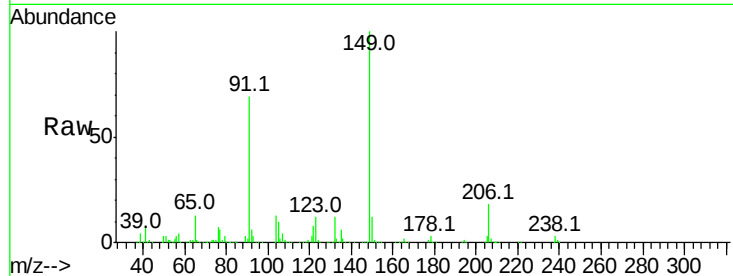
#79
Butylbenzylphthalate
Concen: 44.28 ng
RT: 13.79 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	386670		
91	69.3	45.0	67.4	
206	18.2	17.0	25.6	

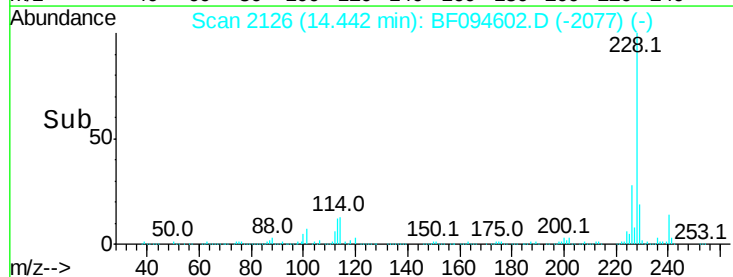
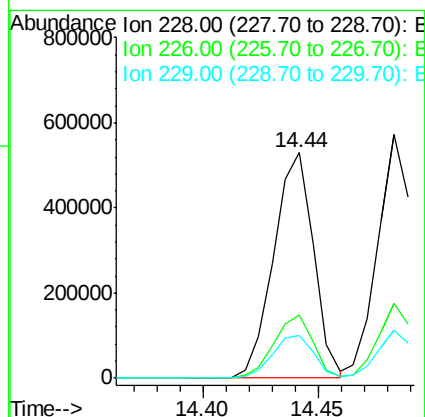
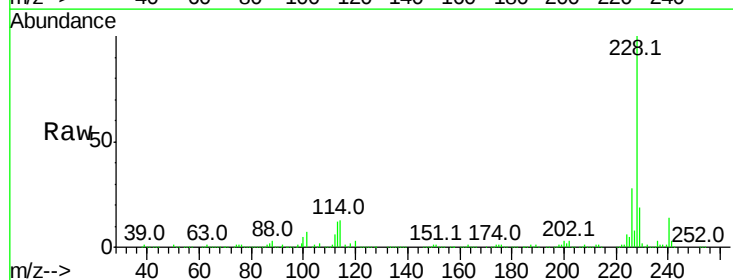
Manual Integrations
APPROVED

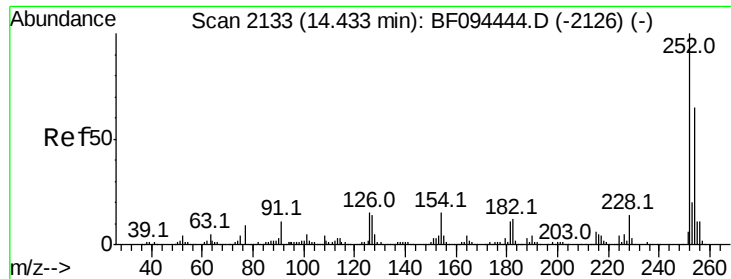
mohammad
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#80
Benzo(a)anthracene
Concen: 38.05 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	630665		
226	28.0	22.6	33.8	
229	19.0	16.3	24.5	





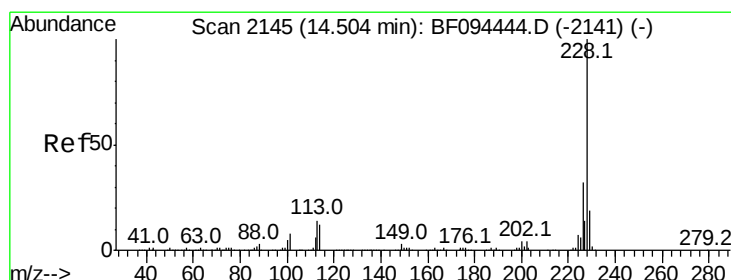
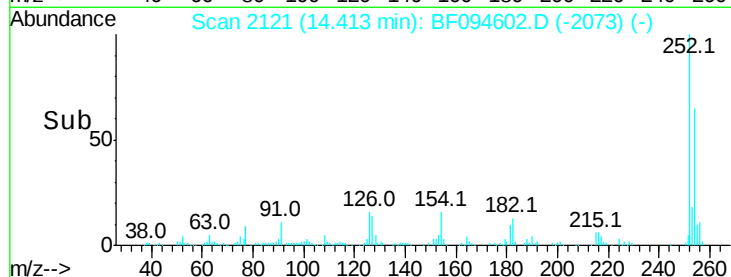
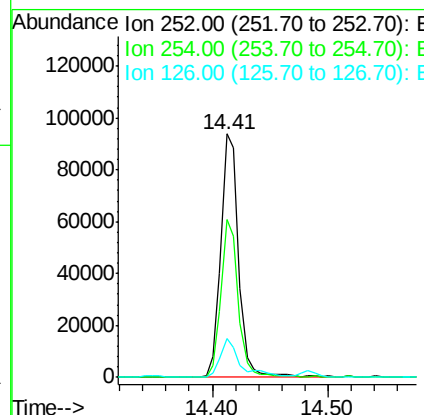
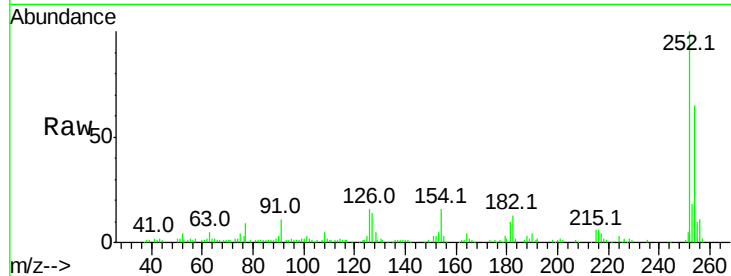
#81
 3,3'-Dichlorobenzidine
 Concen: 17.19 ng
 RT: 14.41 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BAEMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		100863		
254	64.6	51.5	77.3		
126	15.8	15.8	23.8		

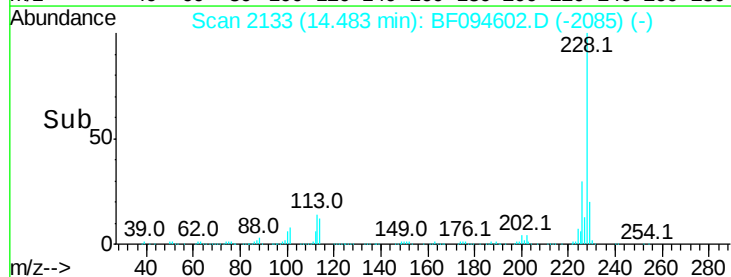
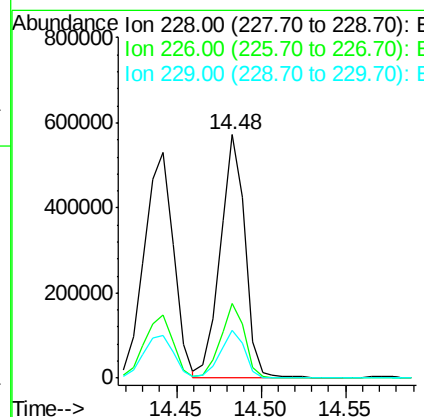
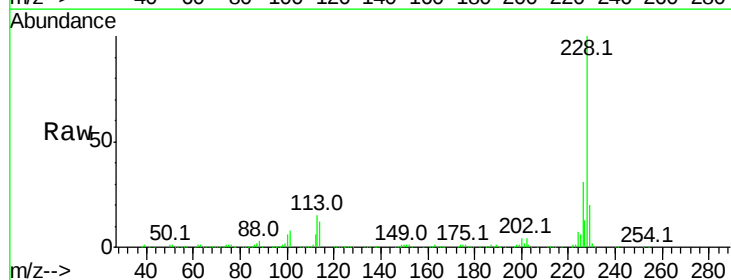
Manual Integrations
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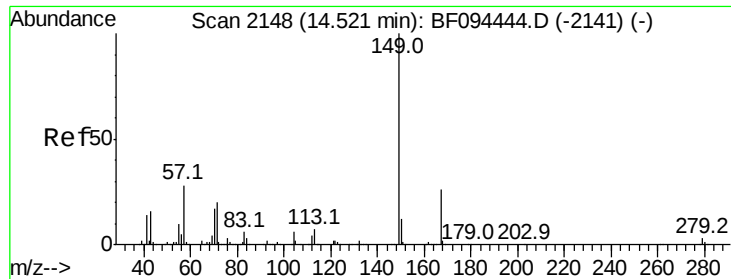
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#82
 Chrysene
 Concen: 38.36 ng
 RT: 14.48 min Scan# 2133
 Delta R.T. -0.02 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		581020		
226	30.8	24.9	37.3		
229	19.7	15.8	23.6		





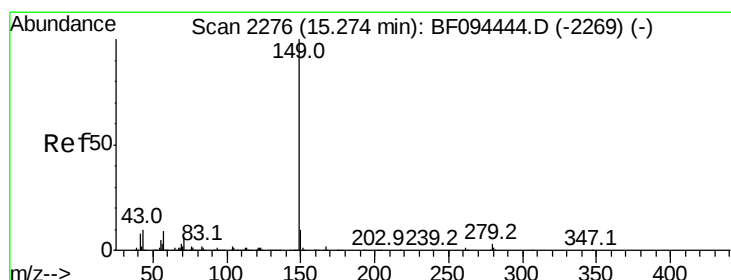
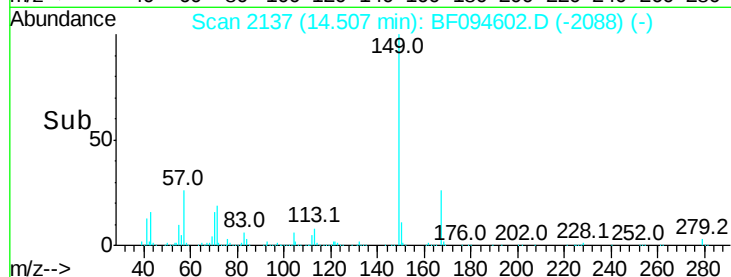
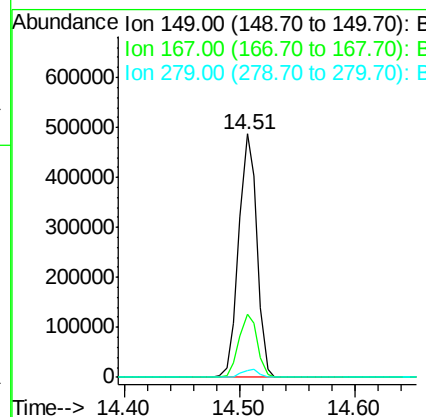
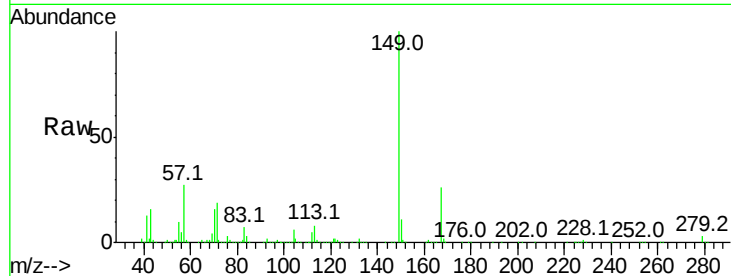
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.28 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.8	21.0	31.4	
279	3.0	1.9	2.9	

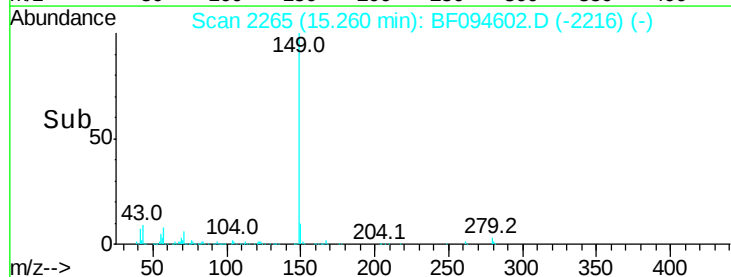
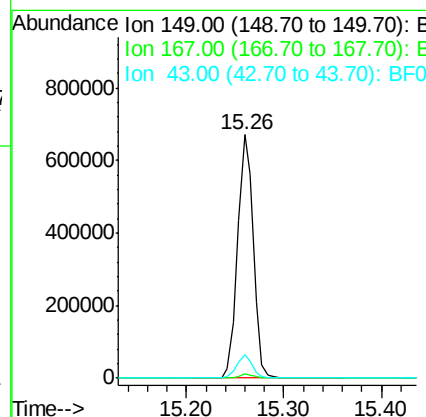
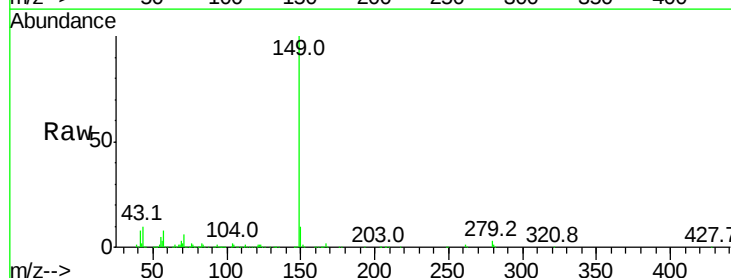
Manual Integrations
 APPROVED

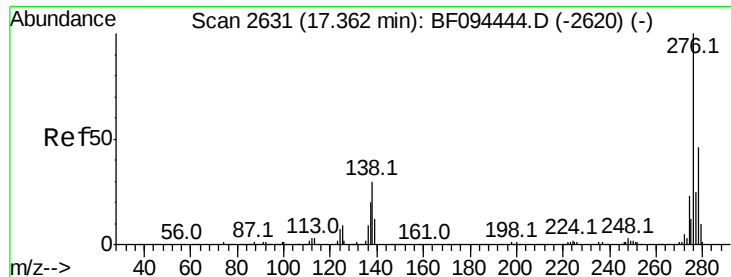
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 38.04 ng
 RT: 15.26 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	9.1	8.5	12.7	





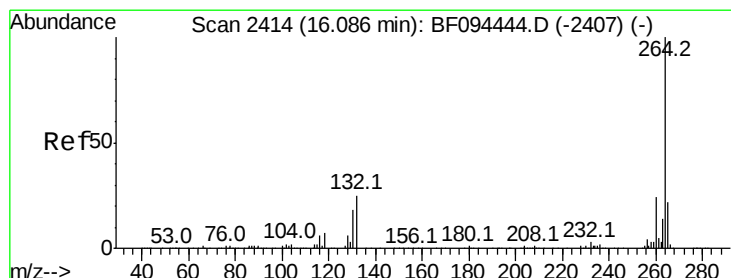
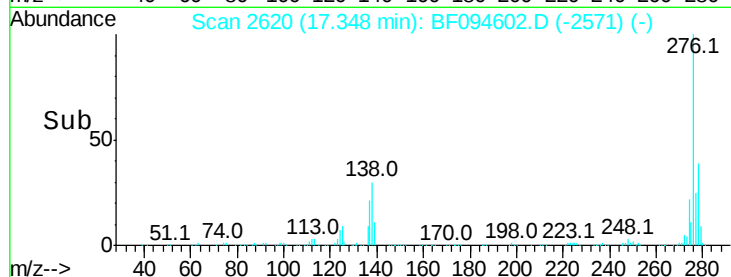
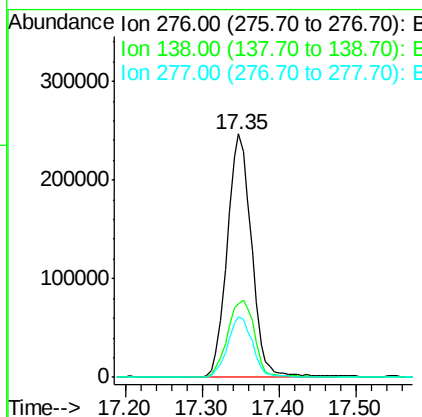
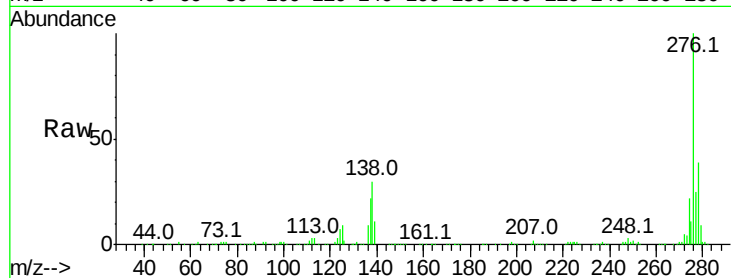
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.11 ng
RT: 17.35 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	35.4	27.8	41.6	
277	25.4	20.2	30.4	

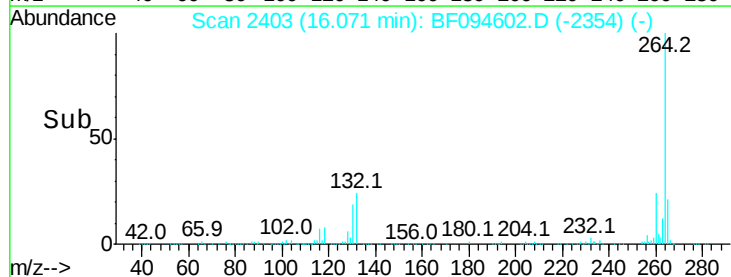
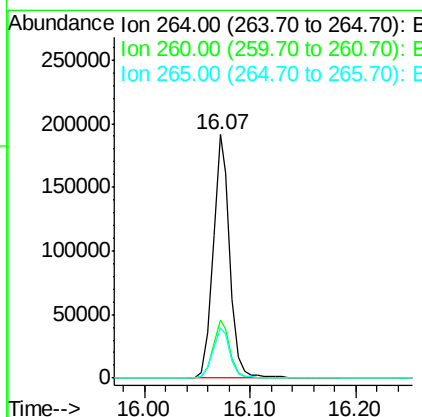
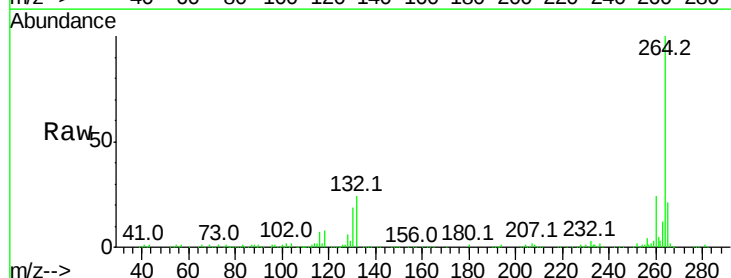
Manual Integrations
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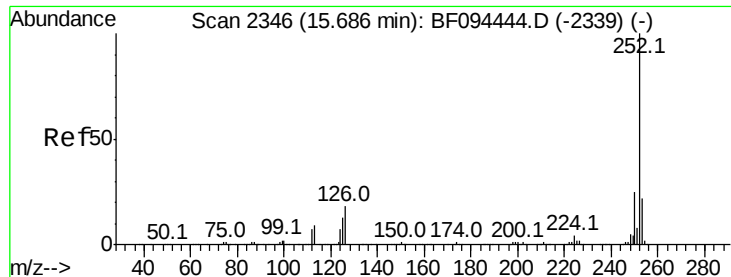
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.0	19.5	29.3	
265	20.6	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 37.54 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Instrument :

BNA_F

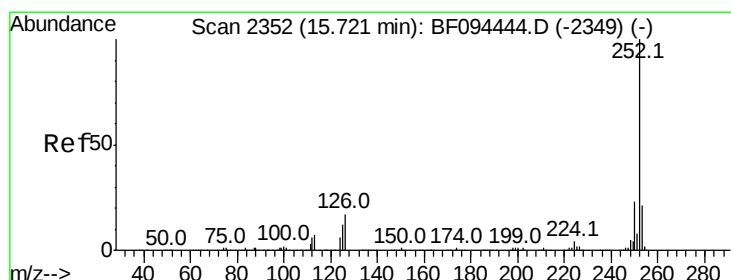
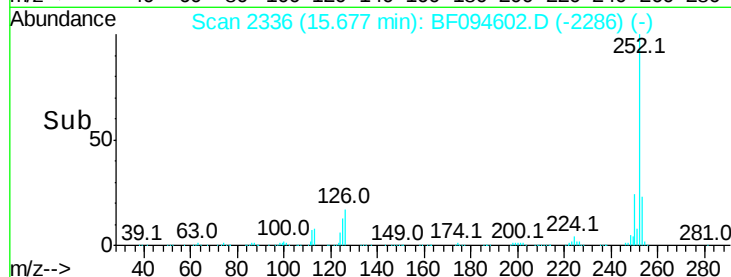
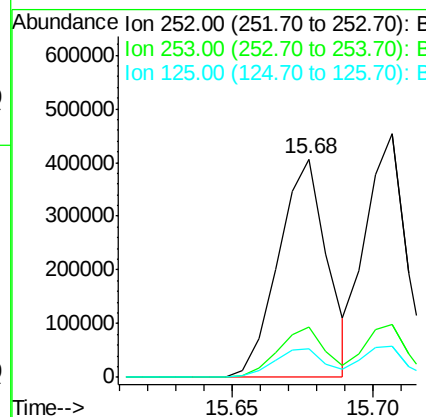
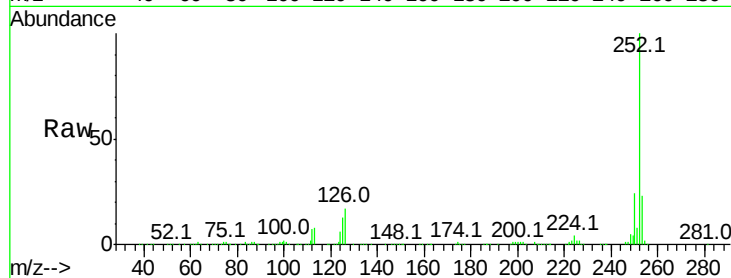
ClientSampleId :

E2-W8-BASEMSD

Tot Ion:252	Resp:	488593
Ion Ratio	Lower	Upper
252	100	
253	22.8	18.1 27.1
125	12.8	9.8 14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 36.54 ng

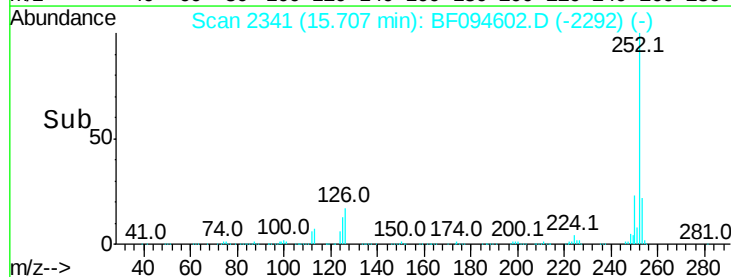
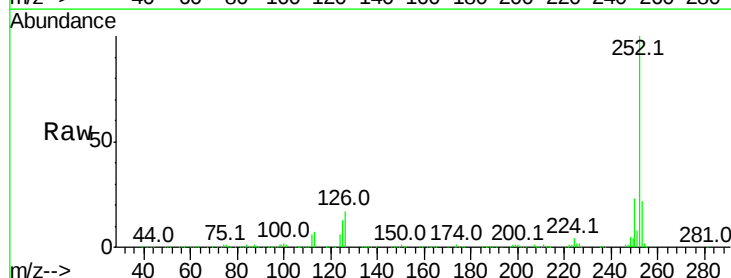
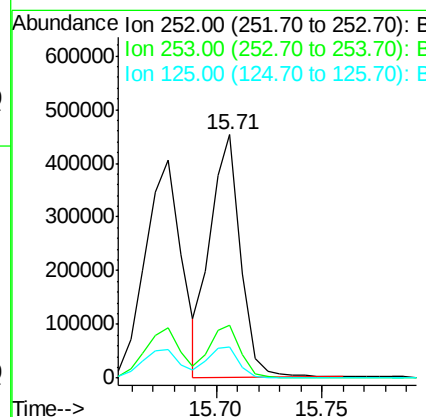
RT: 15.71 min Scan# 2341

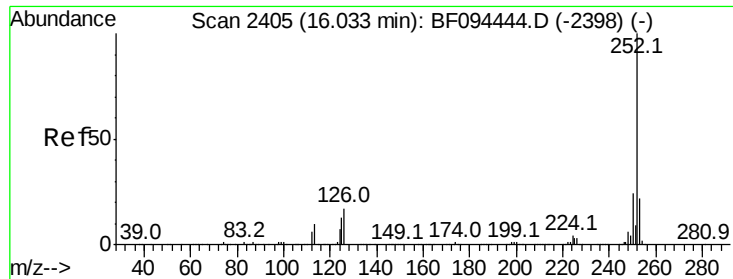
Delta R.T. -0.01 min

Lab File: BF094602.D

Acq: 25 Apr 2017 13:49

Tgt Ion:252	Resp:	450086
Ion Ratio	Lower	Upper
252	100	
253	22.0	18.4 27.6
125	12.7	13.1 19.7#





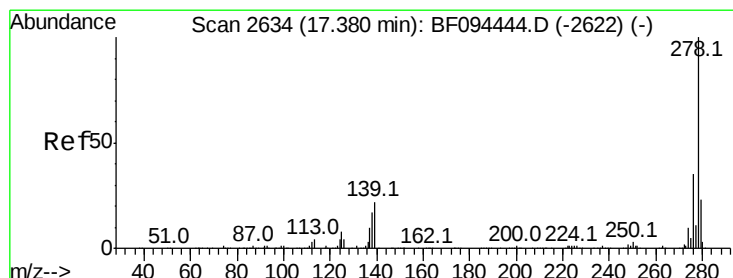
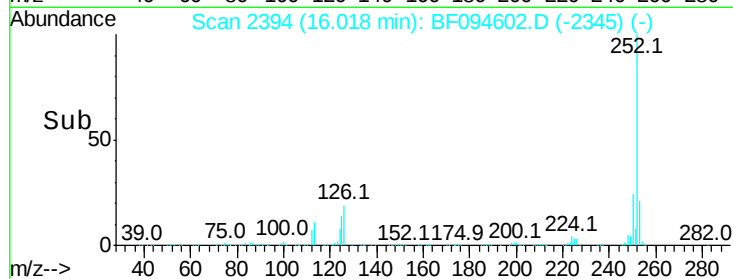
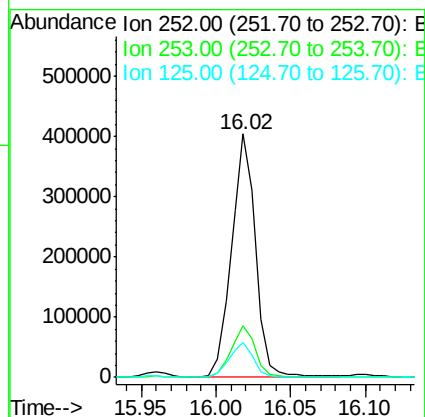
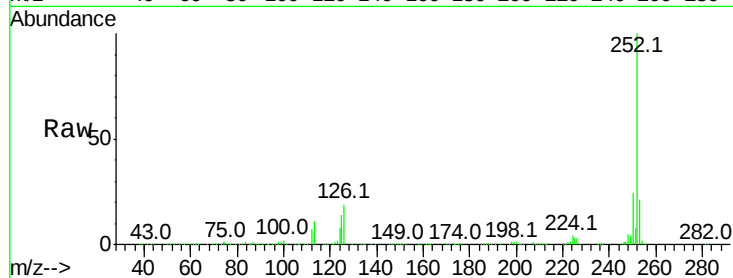
#89
Benzo(a)pyrene
Concen: 37.69 ng
RT: 16.02 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	456383		
253	21.0		17.5	26.3
125	14.5		11.0	16.4

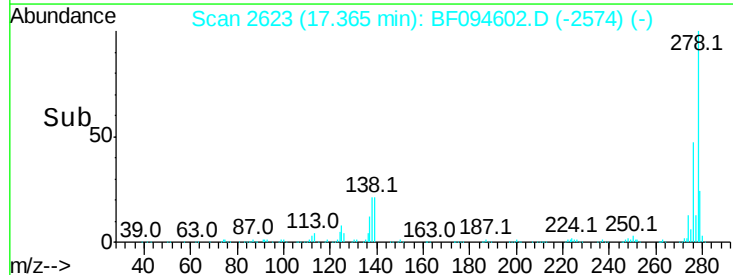
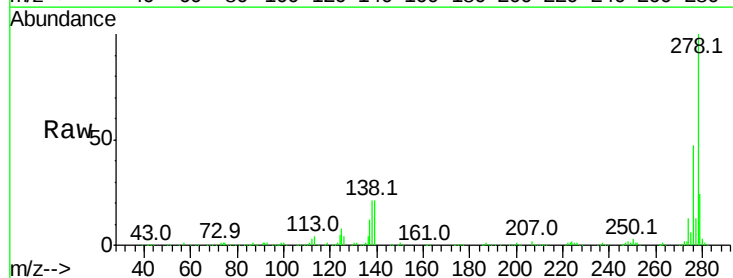
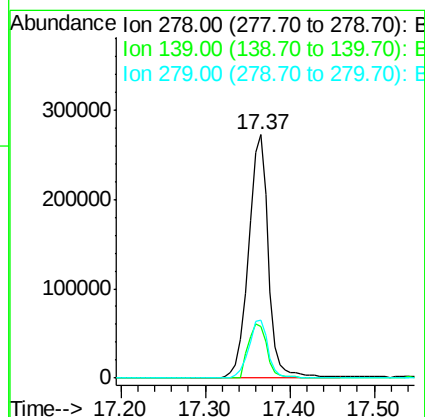
Manual Integrations
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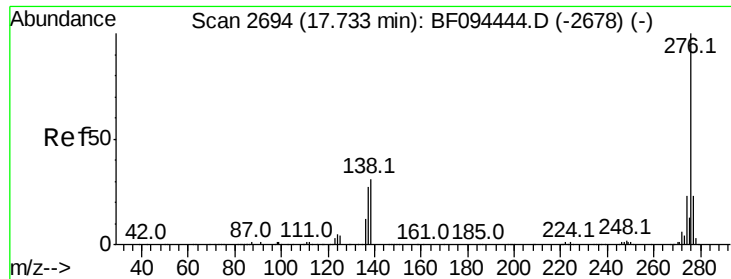
mohammad
4/26/2017 2:20:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.40 ng
RT: 17.37 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF094602.D
Acq: 25 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	446405		
139	21.5		16.6	24.8
279	23.9		19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.98 ng
 RT: 17.72 min Scan# 2683
 Delta R.T. -0.01 min
 Lab File: BF094602.D
 Acq: 25 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W8-BASEMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	32.2	25.4	38.0

Manual Integrations
 APPROVED

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