

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093529.D
 Acq On : 10 Mar 2017 18:33
 Operator : SJ/MA
 Sample : I2172-21MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-38MSD

Manual Integrations
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 3/13/2017 5:28:51 PM

Quant Time: Mar 11 03:47:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	200115	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	781125	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	364930	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	692614	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	529449	20.00	ng	-0.01
86) Perylene-d12	15.31	264	399714	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1525239	126.85	ng	0.02
7) Phenol-d6	6.42	99	1894323	124.94	ng	0.01
23) Nitrobenzene-d5	7.33	82	1344269	95.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	356180	149.81	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	2001477	102.01	ng	-0.03
78) Terphenyl-d14	12.85	244	1618683	79.49	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	245931	37.13	ng	# 72
3) Pyridine	3.17	79	309127m	18.31	ng	
4) n-Nitrosodimethylamine	3.04	42	332085	41.18	ng	82
6) Aniline	6.44	93	215338	10.35	ng	# 49
8) 2-Chlorophenol	6.55	128	572103	42.47	ng	96
9) Benzaldehyde	6.31	77	61121	4.50	ng	98
10) Phenol	6.44	94	729275	39.25	ng	86
11) bis(2-Chloroethyl)ether	6.49	93	637454	42.45	ng	99
12) 1,3-Dichlorobenzene	6.69	146	622605	40.38	ng	98
13) 1,4-Dichlorobenzene	6.76	146	621894	39.39	ng	98
14) 1,2-Dichlorobenzene	6.92	146	551184	39.42	ng	98
15) Benzyl Alcohol	6.92	79	469626	43.45	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1069764	42.88	ng	95
17) 2-Methylphenol	7.04	107	498523	43.75	ng	97
18) Hexachloroethane	7.25	117	215842	40.54	ng	93
19) n-Nitroso-di-n-propylamine	7.18	70	512357	49.15	ng	97
20) 3+4-Methylphenols	7.20	107	671389	45.43	ng	# 70
22) Acetophenone	7.17	105	865350	46.04	ng	97
24) Nitrobenzene	7.34	77	674422	42.62	ng	99
25) Isophorone	7.58	82	1260112	44.39	ng	96
26) 2-Nitrophenol	7.66	139	343758	47.62	ng	93
27) 2,4-Dimethylphenol	7.72	122	540611	46.03	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	766329	42.76	ng	98
29) 2,4-Dichlorophenol	7.92	162	536674	48.58	ng	92
30) 1,2,4-Trichlorobenzene	7.98	180	511508	43.54	ng	98
31) Naphthalene	8.05	128	1595636	40.76	ng	99
32) Benzoic acid	7.88	122	267036	43.76	ng	97
33) 4-Chloroaniline	8.15	127	175195	11.03	ng	96
34) Hexachlorobutadiene	8.16	225	258269	42.68	ng	100
35) Caprolactam	8.50	113	136920m	36.29	ng	
36) 4-Chloro-3-methylphenol	8.63	107	540423	45.83	ng	97
37) 2-Methylnaphthalene	8.74	142	1160191	46.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	474679	47.64	ng	99
40) Hexachlorocyclopentadiene	8.88	237	274034	104.61	ng	95

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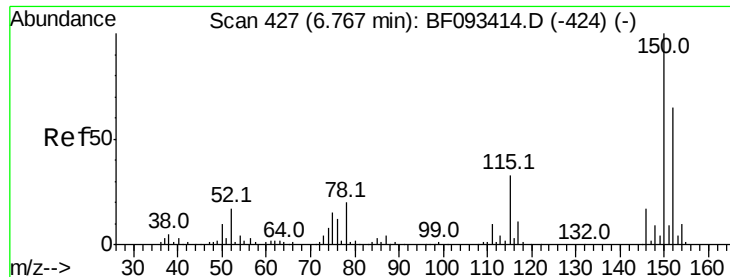
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	338918	54.44	nq	94
43) 2,4,5-Trichlorophenol	9.10	196	291816m	43.68	nq	
45) 1,1'-Biphenyl	9.20	154	1282365	48.24	nq	97
46) 2-Chloronaphthalene	9.22	162	1066248	52.40	nq	95
47) 2-Nitroaniline	9.35	65	394679	54.87	nq	# 76
48) Acenaphthylene	9.65	152	1677530	49.99	nq	98
49) Dimethylphthalate	9.51	163	1217834	50.34	nq	99
50) 2,6-Dinitrotoluene	9.59	165	280630	52.86	nq	# 74
51) Acenaphthene	9.81	154	963487	48.55	nq	97
52) 3-Nitroaniline	9.76	138	126546	19.84	nq	90
53) 2,4-Dinitrophenol	9.89	184	212878	88.05	nq	# 78
54) Dibenzofuran	9.99	168	1415292	56.98	nq	97
55) 4-Nitrophenol	9.97	139	158356m	51.12	nq	
56) 2,4-Dinitrotoluene	9.99	165	340198	52.16	nq	# 64
57) Fluorene	10.33	166	1108393	52.66	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	281072	59.62	nq	93
59) Diethylphthalate	10.21	149	1179691	51.02	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	532918	56.49	nq	# 80
61) 4-Nitroaniline	10.38	138	253392	38.85	nq	95
62) Azobenzene	10.48	77	1538274	58.55	nq	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	169375	37.74	nq	85
65) n-Nitrosodiphenylamine	10.45	169	1010347	43.69	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	305133	41.66	nq	92
67) Hexachlorobenzene	10.88	284	306159	43.78	nq	# 89
68) Atrazine	10.97	200	228010	33.68	nq	98
69) Pentachlorophenol	11.09	266	217656	90.14	nq	97
70) Phenanthrene	11.29	178	1766552	44.68	nq	98
71) Anthracene	11.34	178	1615941	40.41	nq	99
72) Carbazole	11.51	167	1609730	42.85	nq	97
73) Di-n-butylphthalate	11.82	149	1945434	44.76	nq	99
74) Fluoranthene	12.48	202	1741751	45.61	nq	92
77) Pyrene	12.70	202	1626688	42.25	nq	100
79) Butylbenzylphthalate	13.32	149	730094	45.04	nq	97
80) Benzo(a)anthracene	13.90	228	1389747	44.45	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	131242	11.98	nq	97
82) Chrysene	13.93	228	1240166	42.87	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1066134	47.19	nq	# 97
84) Di-n-octyl phthalate	14.48	149	1628544	43.25	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1032633	42.65	nq	# 93
87) Benzo(b)fluoranthene	14.92	252	1135872m	46.66	nq	
88) Benzo(k)fluoranthene	14.94	252	1102609m	46.97	nq	
89) Benzo(a)pyrene	15.26	252	1044231	46.94	nq	97
90) Dibenzo(a,h)anthracene	16.68	278	868295	47.17	nq	98
91) Benzo(g,h,i)perylene	17.08	276	909727	48.16	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093529.D

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Instrument :

BNA_F

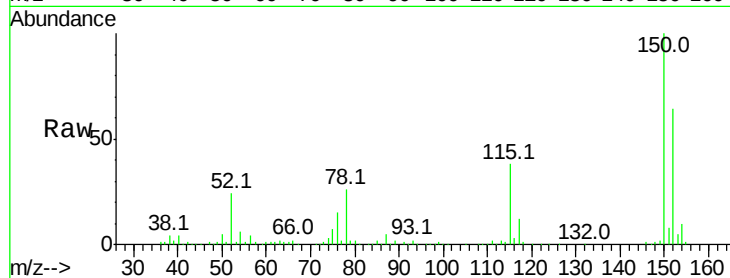
ClientSampled :

D-38MSD

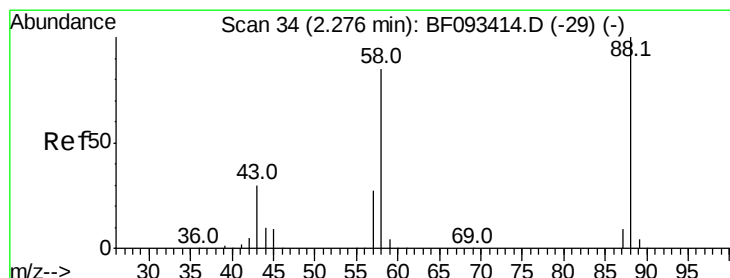
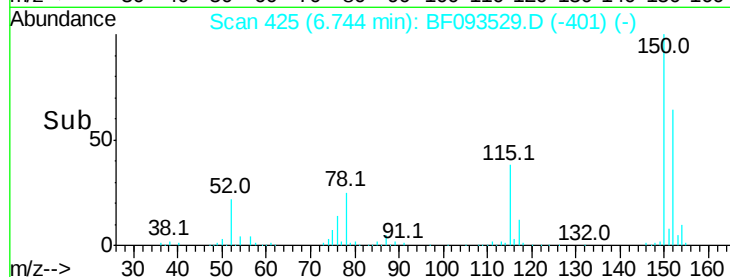
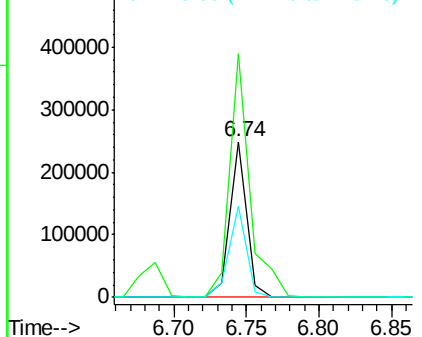
Tot Ion:	152	Resp:	200115
Ion Ratio	Lower	Upper	
152	100		
150	156.8	124.9	187.3
115	59.0	46.0	69.0

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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: 37.13 ng

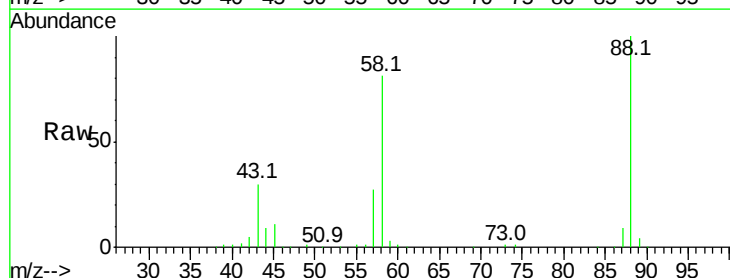
RT: 2.45 min Scan# 49

Delta R.T. 0.17 min

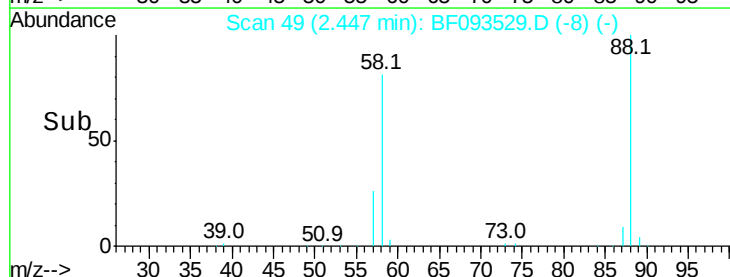
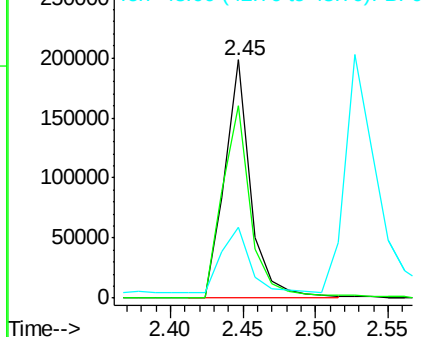
Lab File: BF093529.D

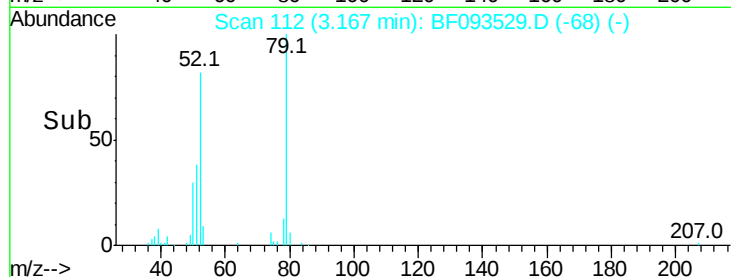
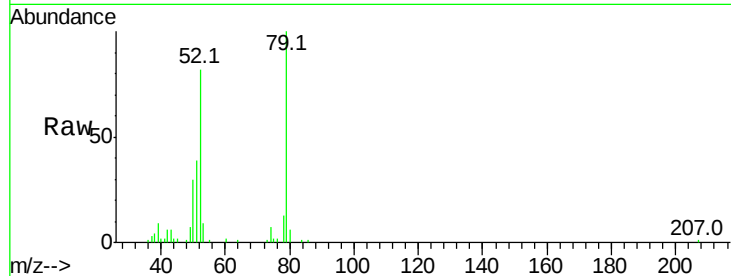
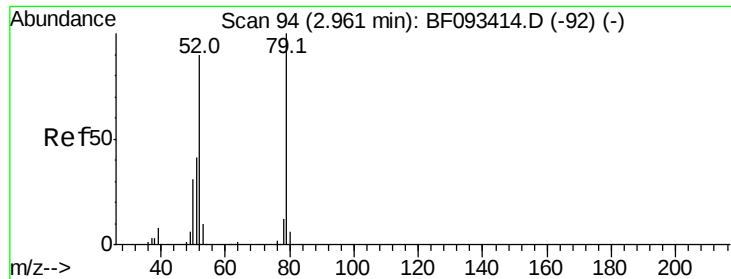
Acq: 10 Mar 2017 18:33

Tgt Ion:	88	Resp:	245931
Ion Ratio	Lower	Upper	
88	100		
58	87.1	57.8	86.8#
43	0.0	22.3	33.5#



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





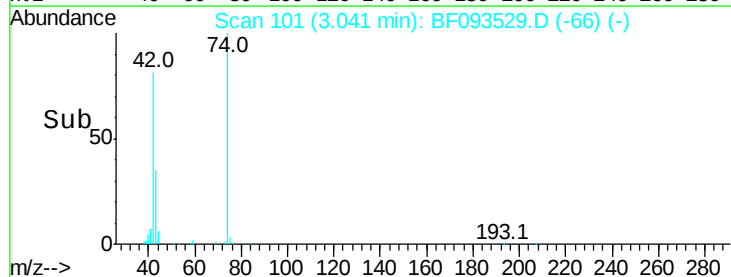
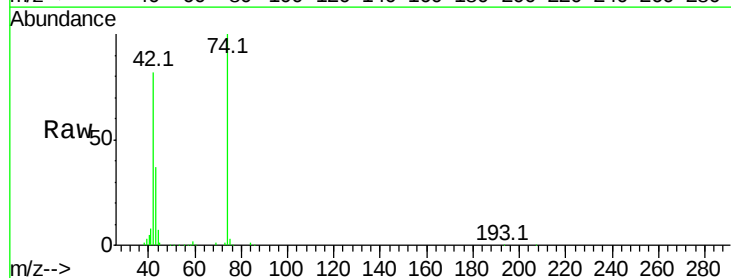
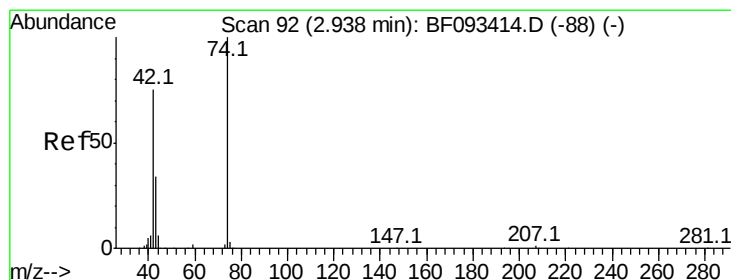
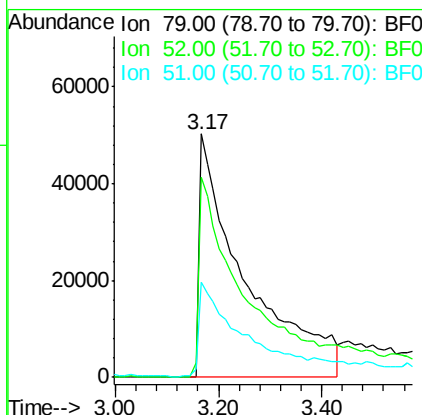
#3
Pvridine
Concen: 18.31 ng/ml
RT: 3.17 min Scan# 112
Delta R.T. 0.21 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		309127		
52	82.2	57.1		85.7	
51	39.1	27.3		40.9	

Instrument :
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ClientSampleId :
D-38MSD

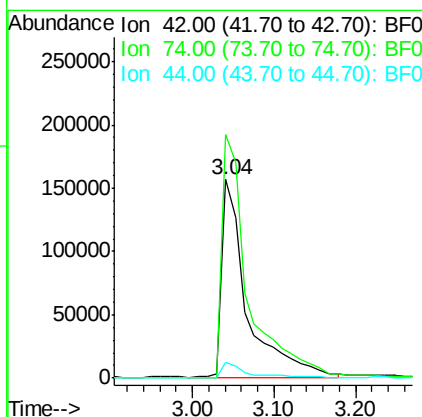
Manual Integrations
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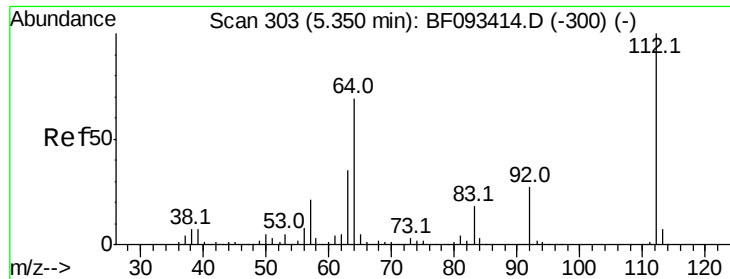
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#4
n-Nitrosodimethylamine
Concen: 41.18 ng
RT: 3.04 min Scan# 101
Delta R.T. 0.10 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		332085		
74	122.6	117.0		175.4	
44	8.0	5.5		8.3	





#5

2-Fluorophenol

Concen: 126.85 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampleId :

D-38MSD

Tot Ion: 112 Resp: 1525239

Ion Ratio Lower Upper

112 100

64 63.3 46.1 69.1

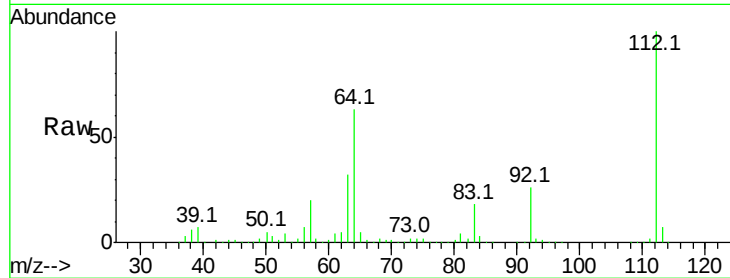
63 32.0 23.8 35.6

Manual Integrations

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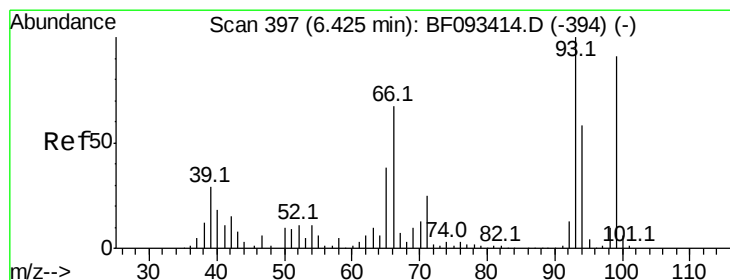
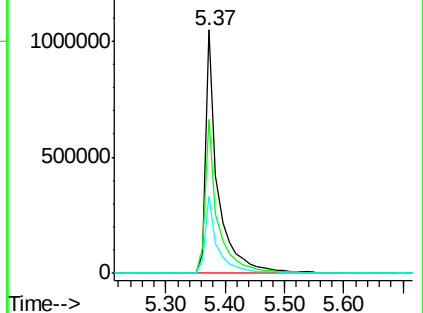
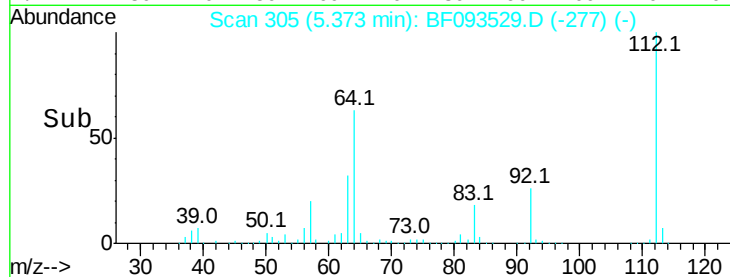
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.35 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

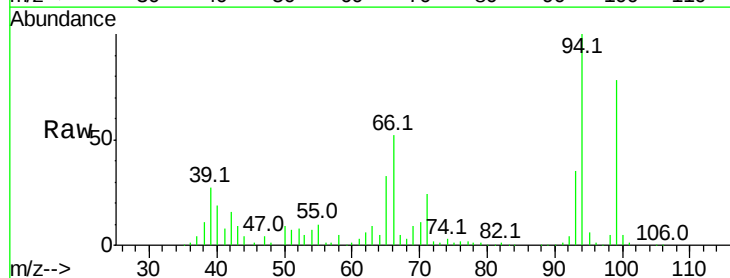
Tgt Ion: 93 Resp: 215338

Ion Ratio Lower Upper

93 100

66 148.6 76.2 114.2#

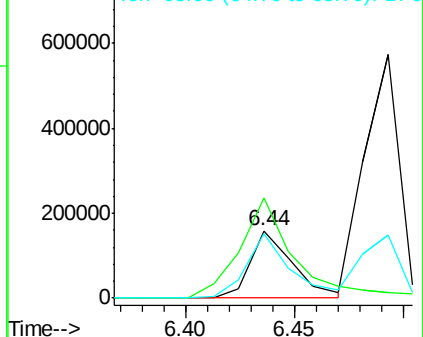
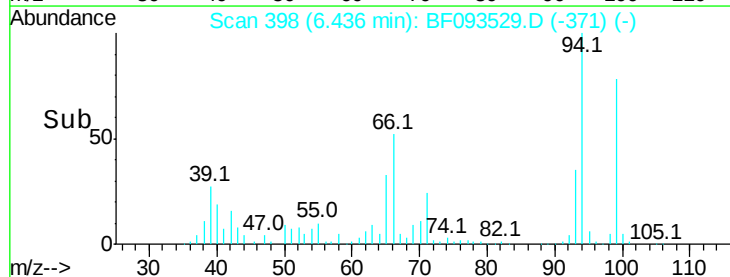
65 96.1 49.3 73.9#

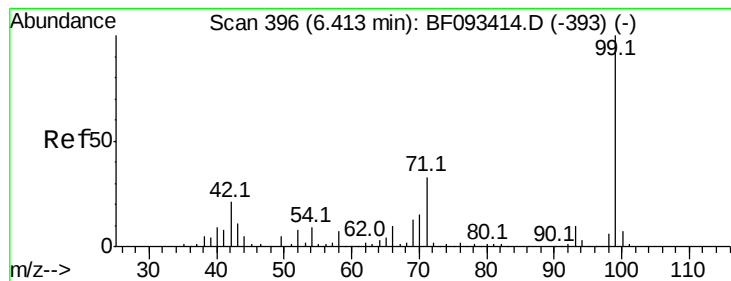


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.94 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampleId :

D-38MSD

Tot Ion: 99 Resp: 1894323

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

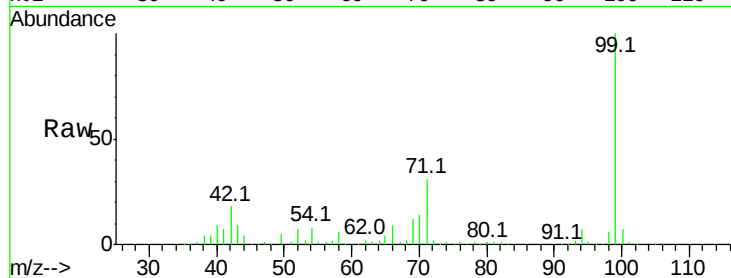
71 31.4 27.5 41.3

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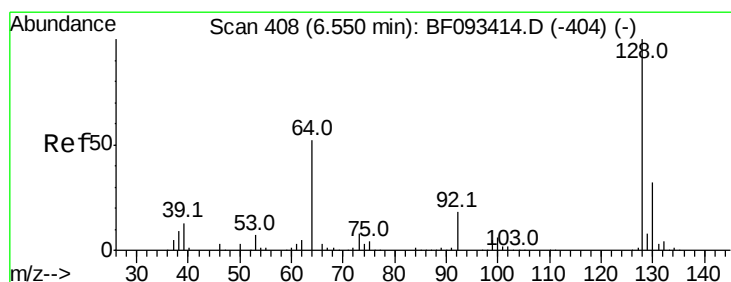
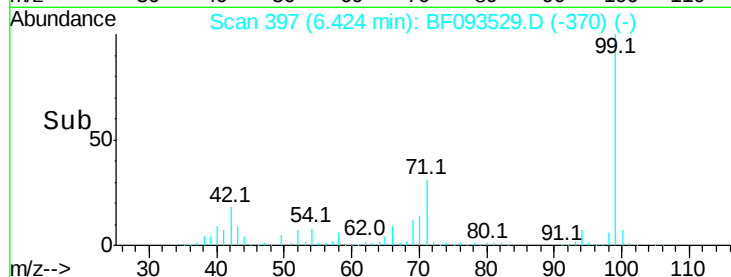
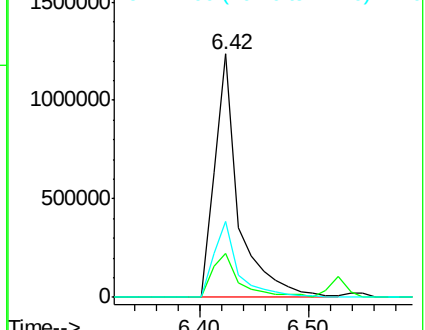
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.47 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

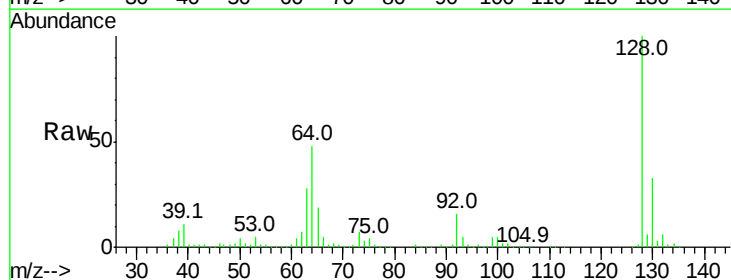
Tgt Ion:128 Resp: 572103

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

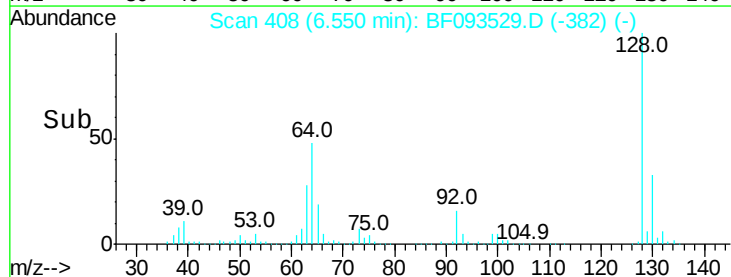
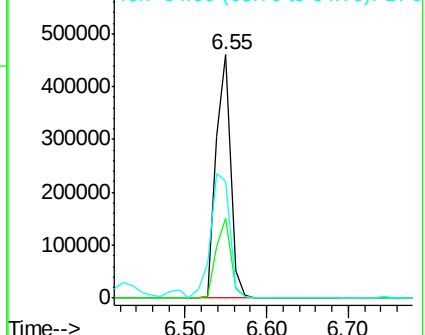
64 48.0 32.2 72.2



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





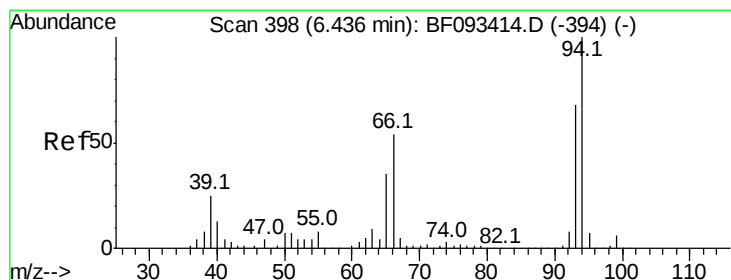
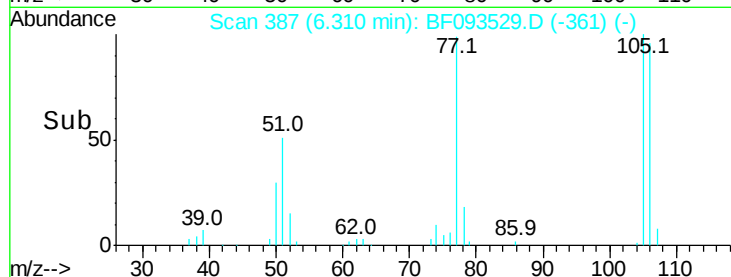
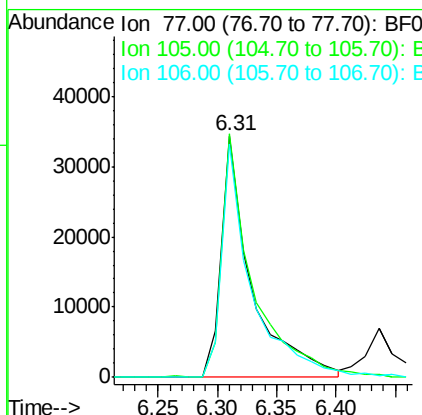
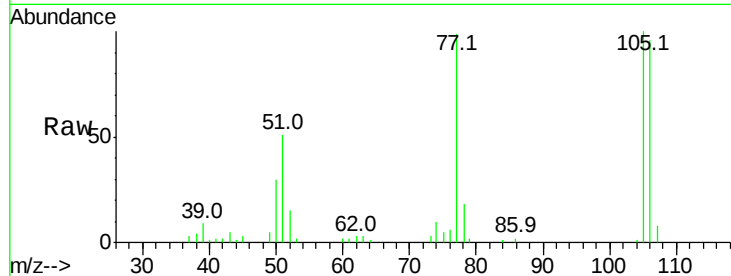
#9
Benzaldehyde
Concen: 4.50 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.8	83.9	123.9
106	96.5	77.6	117.6

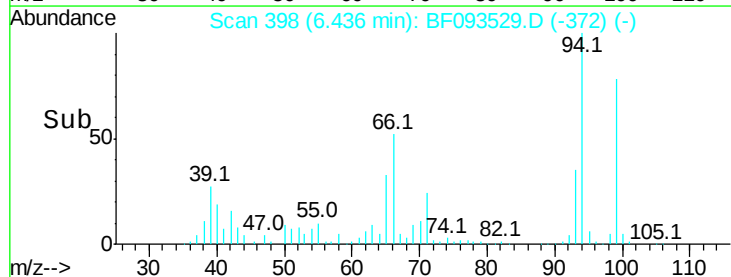
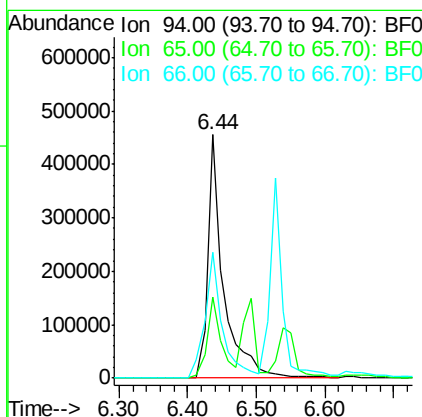
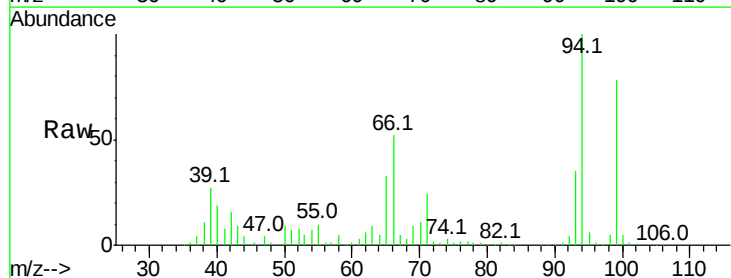
Manual Integrations
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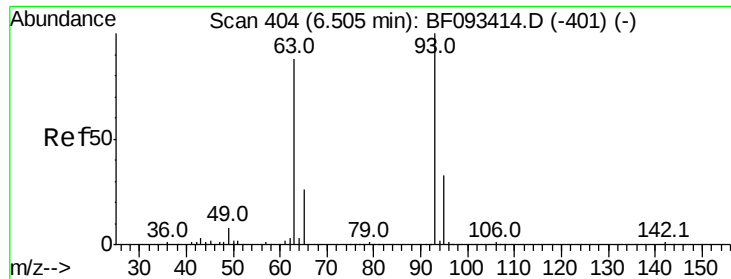
mohammad
3/13/2017 5:28:51 PM



#10
Phenol
Concen: 39.25 ng
RT: 6.44 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.5	21.4	61.4
66	51.8	44.0	84.0





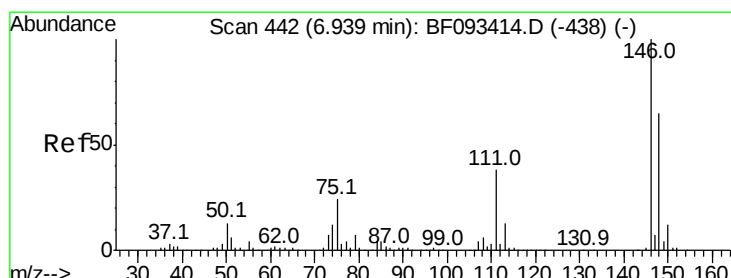
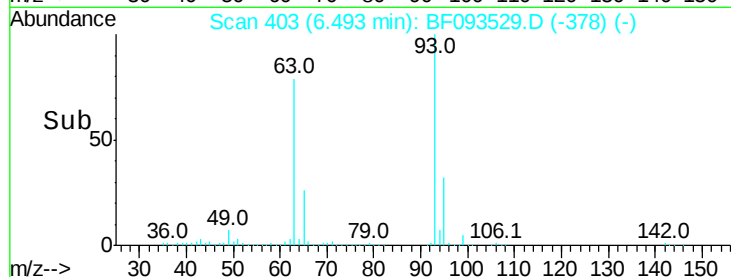
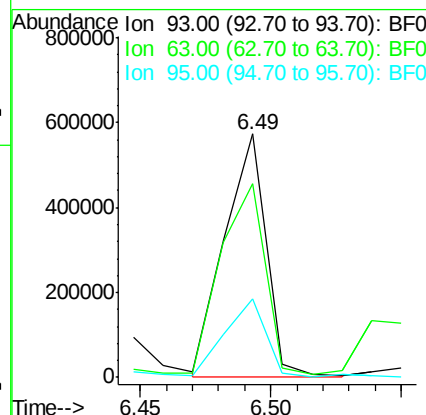
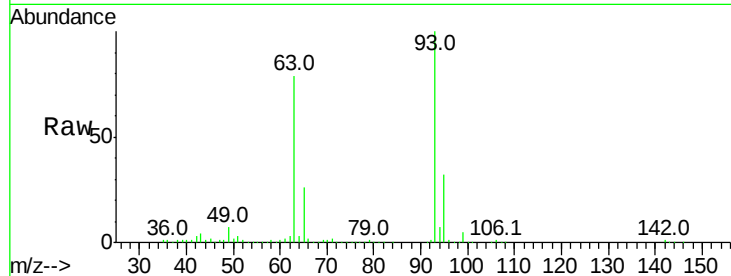
#11
bis(2-Chloroethyl)ether
Concen: 42.45 ng
RT: 6.49 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	637454		
63	79.3	60.4	100.4	
95	32.5	12.8	52.8	

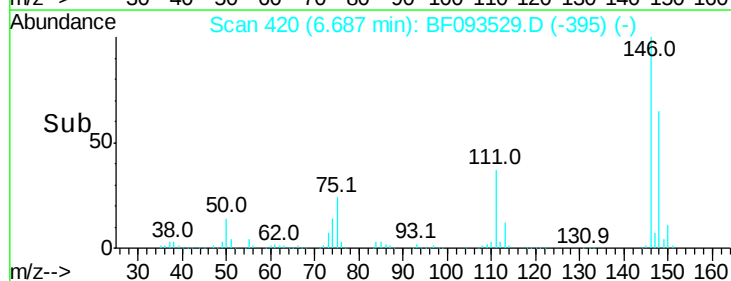
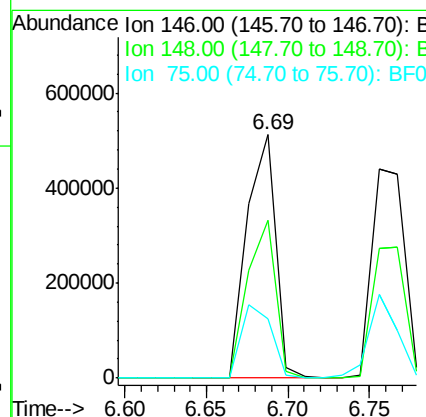
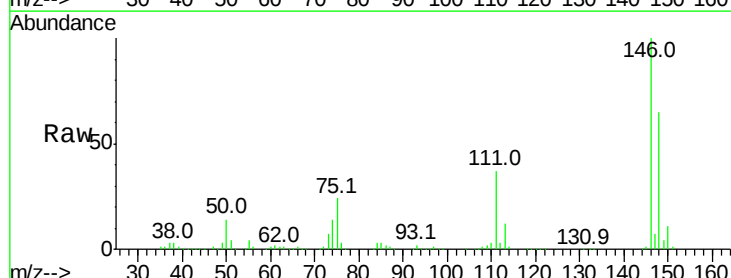
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#12
1,3-Dichlorobenzene
Concen: 40.38 ng
RT: 6.69 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	622605		
148	64.8	53.4	80.0	
75	24.2	18.5	27.7	





#13

1,4-Dichlorobenzene

Concen: 39.39 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

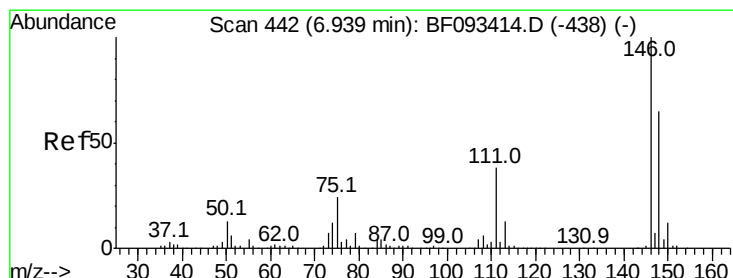
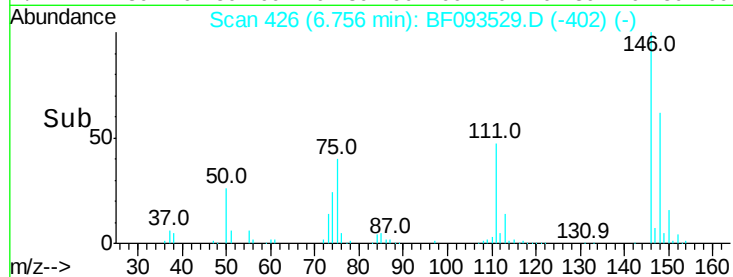
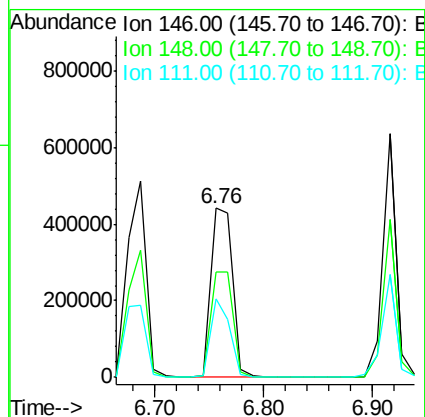
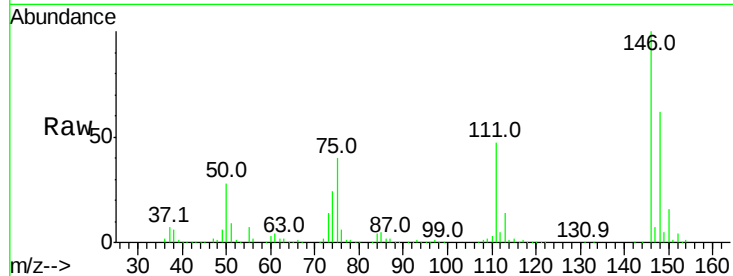
ClientSampleId :

D-38MSD

Tot Ion:	146	Resp:	621894
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.6	76.0
111	46.8	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.42 ng

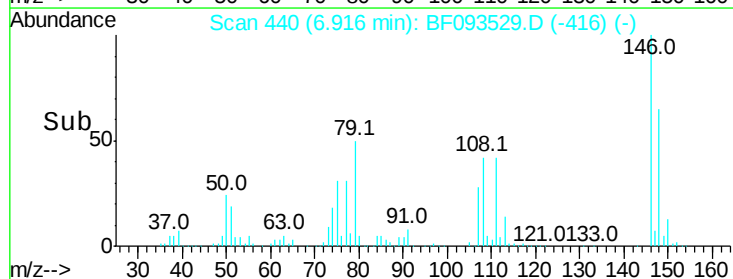
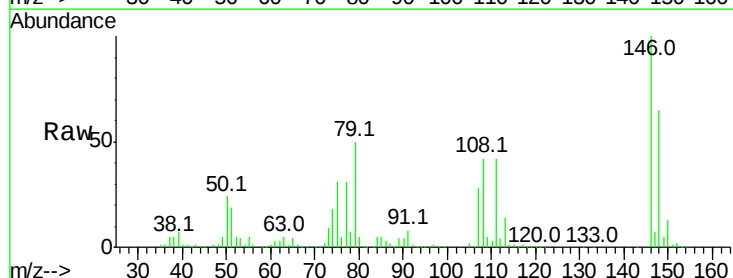
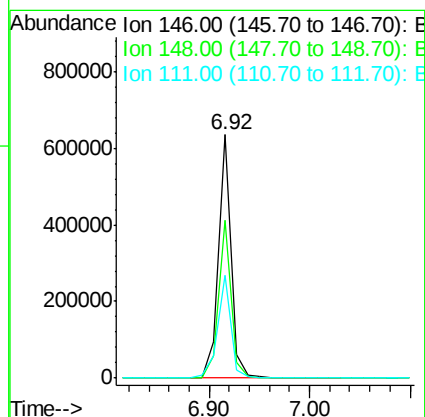
RT: 6.92 min Scan# 440

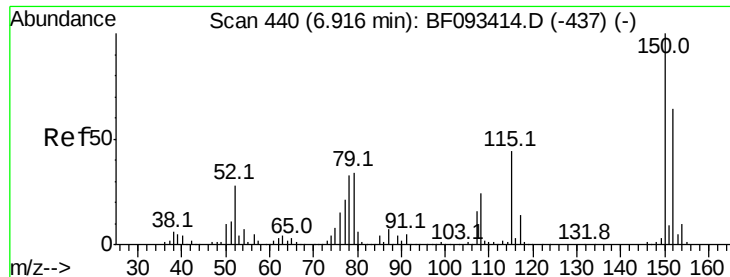
Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Tgt Ion:	146	Resp:	551184
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.2	78.2
111	42.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 43.45 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampleId :

D-38MSD

Tot Ion: 79 Resp: 469626

Ion Ratio Lower Upper

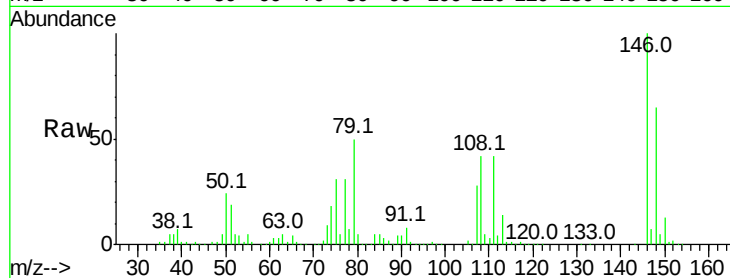
79 100

108 83.1 61.4 92.0

77 61.2 50.9 76.3

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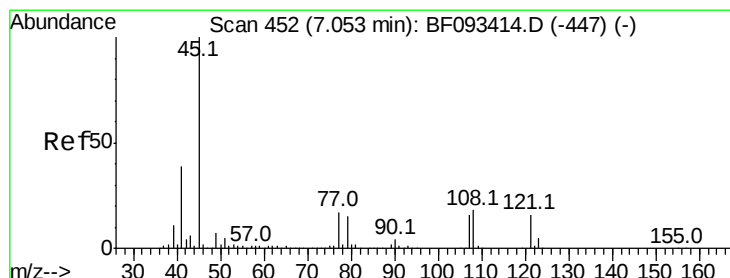
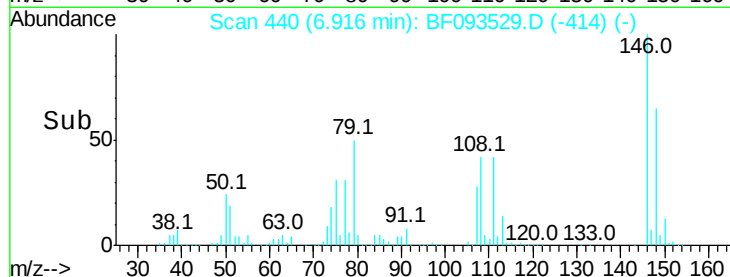
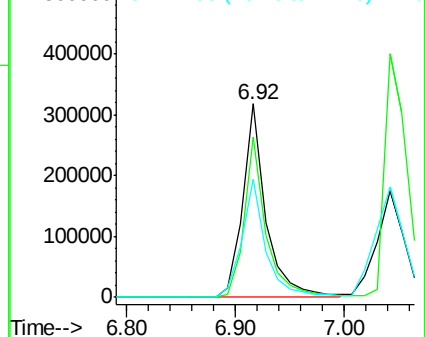
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Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 42.88 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

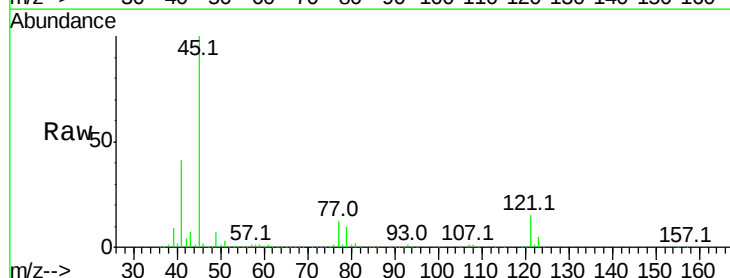
Tgt Ion: 45 Resp: 1069764

Ion Ratio Lower Upper

45 100

77 12.2 0.0 34.6

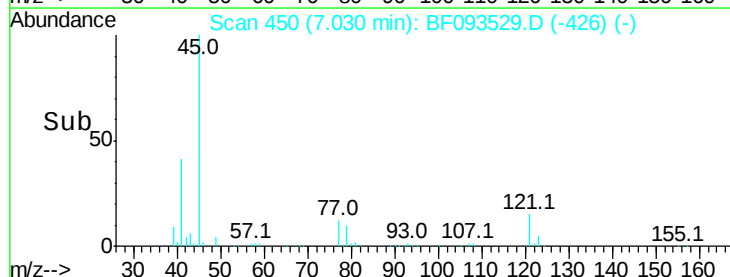
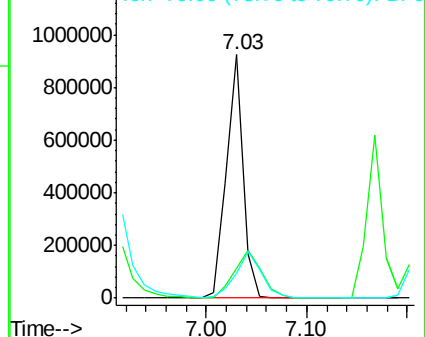
79 9.9 0.0 31.2

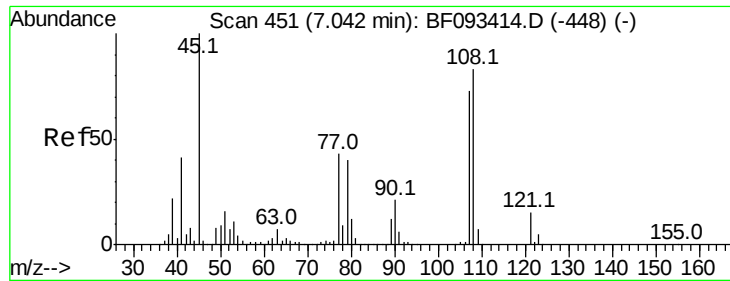


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





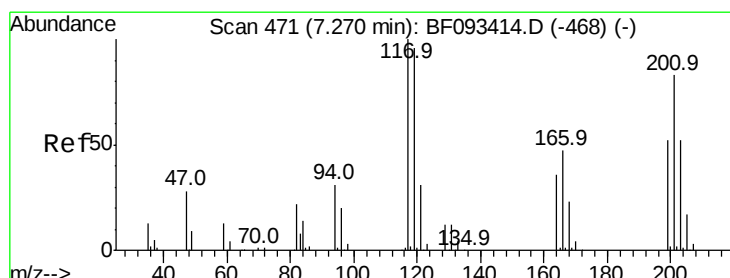
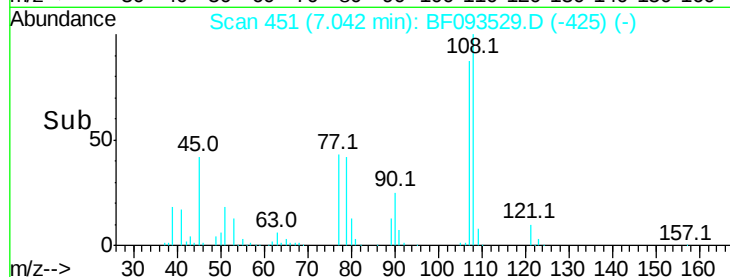
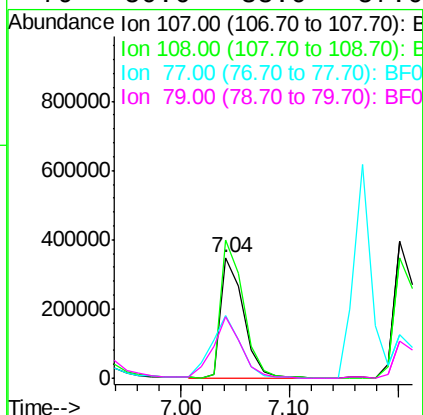
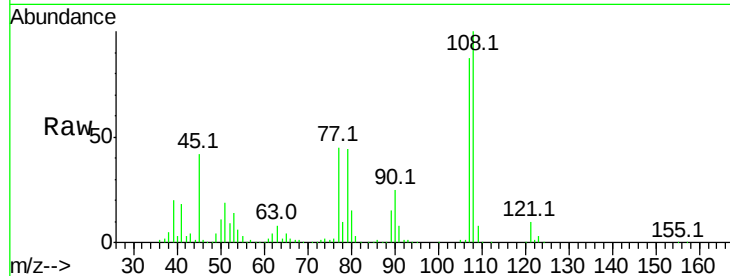
#17
2-Methylphenol
Concen: 43.75 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampled :
D-38MSD

Tot Ion	107	Resp	498523
Ion Ratio	Lower	Upper	
107	100		
108	115.0	93.0	139.6
77	52.3	39.8	59.8
79	50.6	38.0	57.0

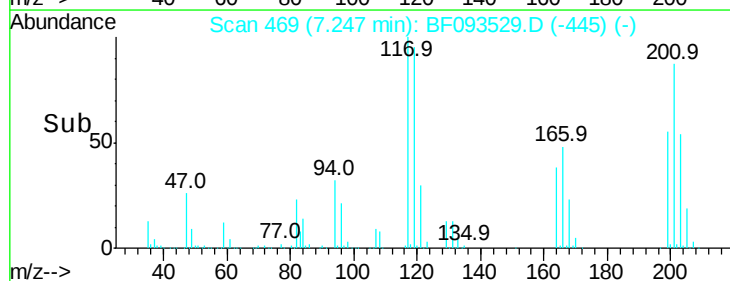
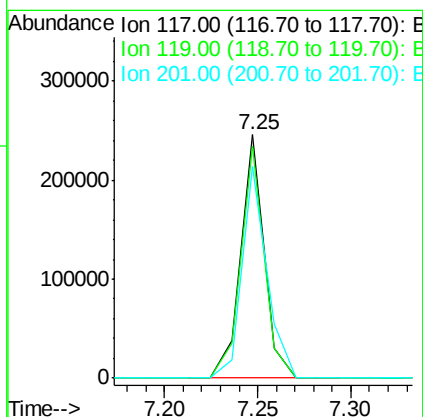
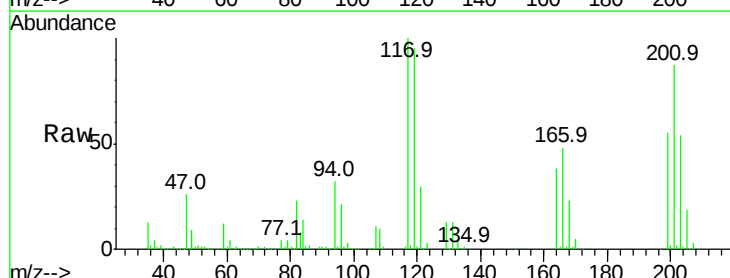
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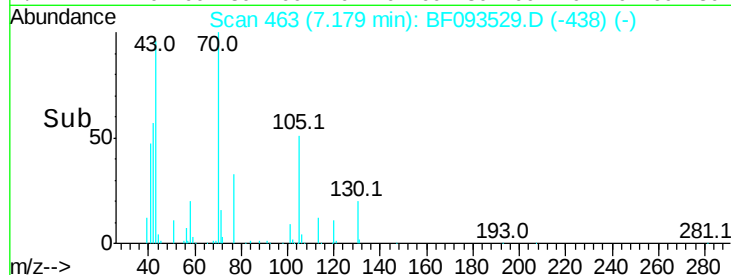
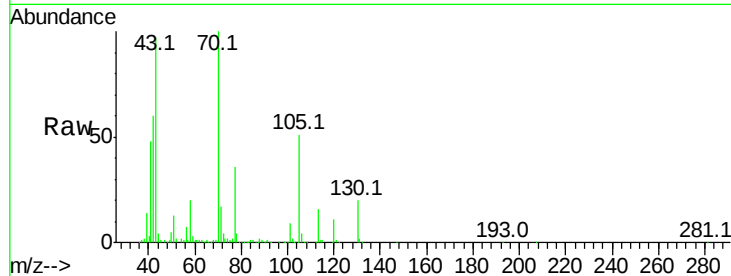
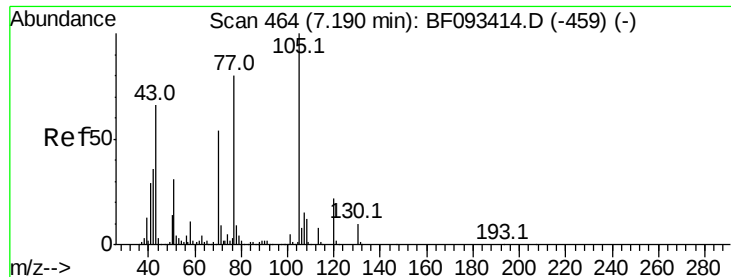
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#18
Hexachloroethane
Concen: 40.54 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	117	Resp	215842
Ion Ratio	Lower	Upper	
117	100		
119	95.5	78.1	117.1
201	86.7	78.6	117.8





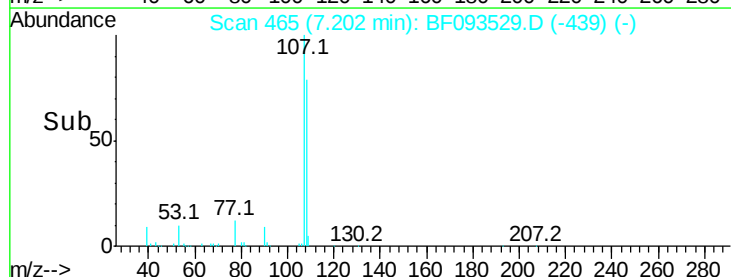
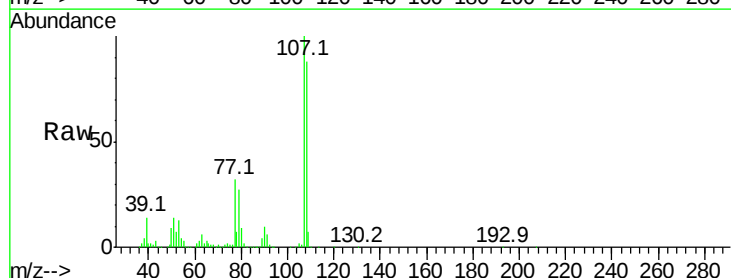
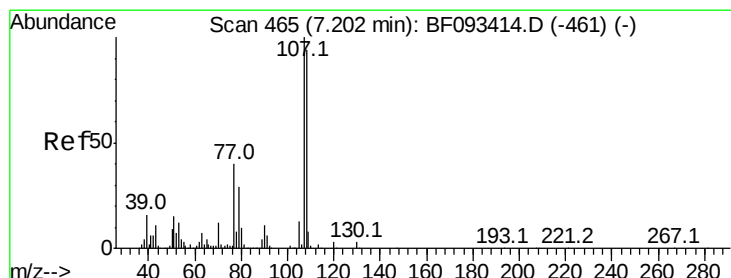
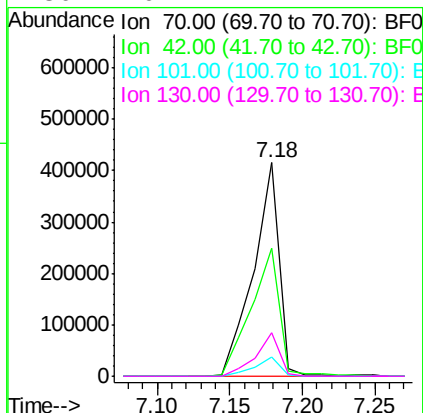
#19
n-Nitroso-di-n-propylamine
Concen: 49.15 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.0	49.4	74.0
101	9.3	7.4	11.2
130	20.1	14.2	21.4

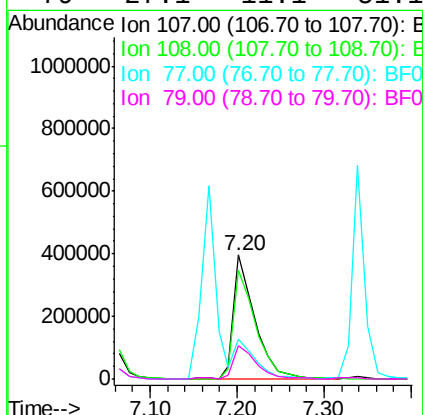
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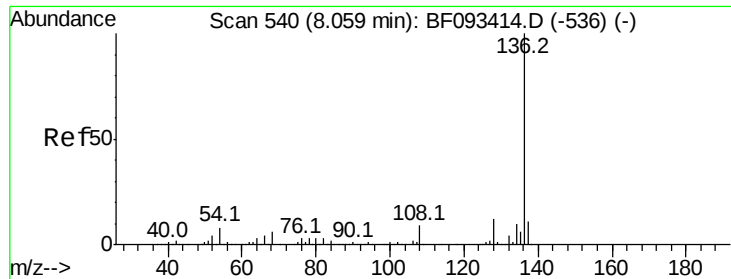
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#20
3+4-Methylphenols
Concen: 45.43 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.0	113.0
77	31.9	71.3	111.3#
79	27.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

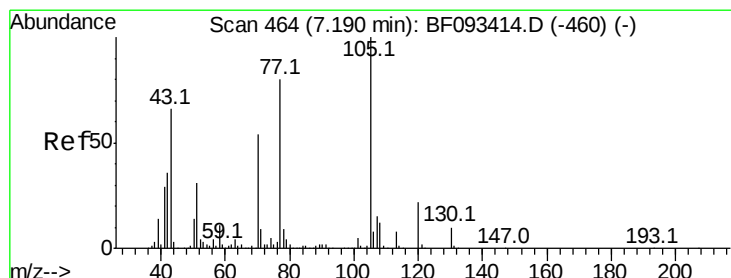
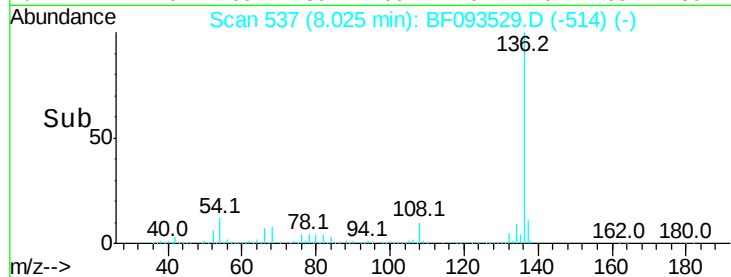
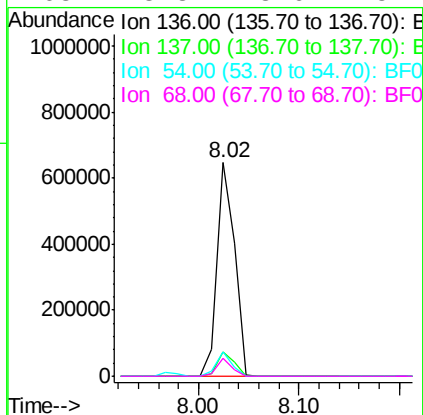
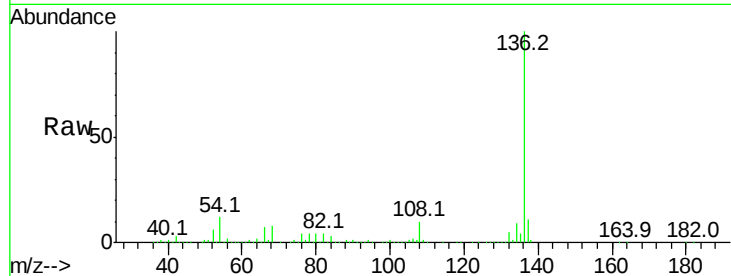
ClientSampleId :

D-38MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.6	4.5	6.7#
68	8.3	3.6	5.4#

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#22

Acetophenone

Concen: 46.04 ng

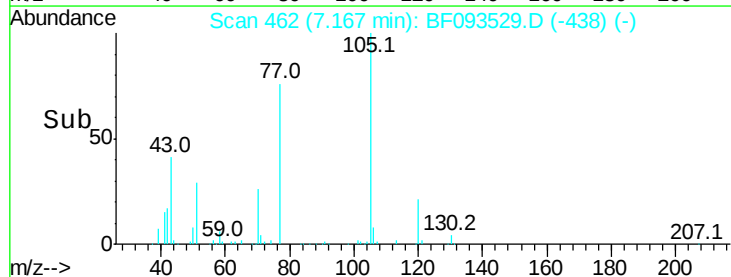
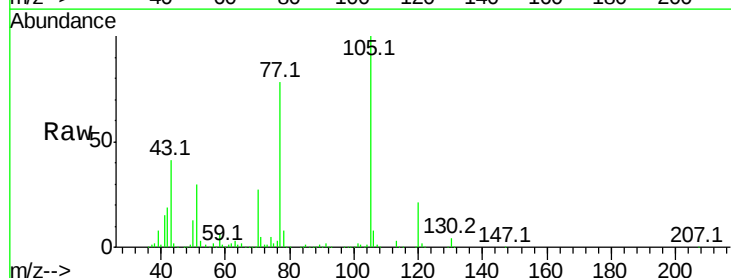
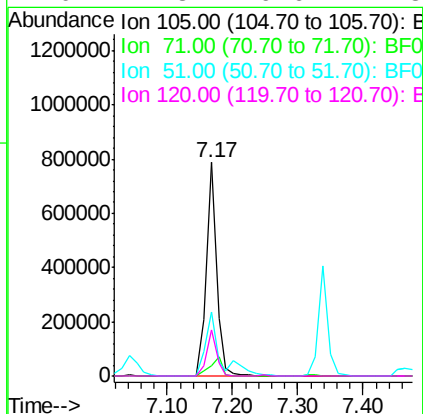
RT: 7.17 min Scan# 462

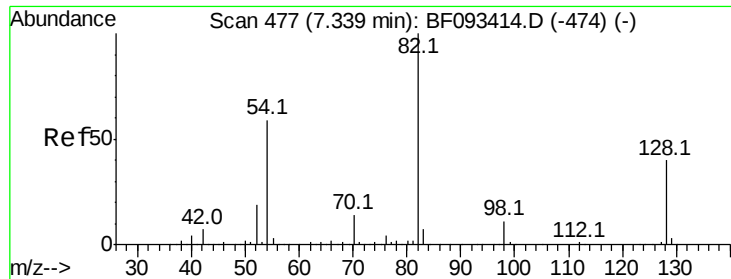
Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.5	3.2	4.8
51	30.2	26.2	39.4
120	21.3	16.6	24.8





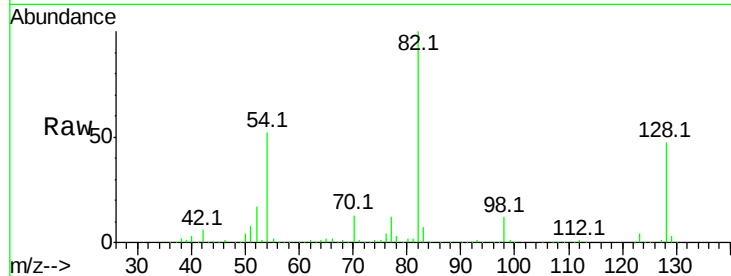
#23
Nitrobenzene-d5
Concen: 95.49 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

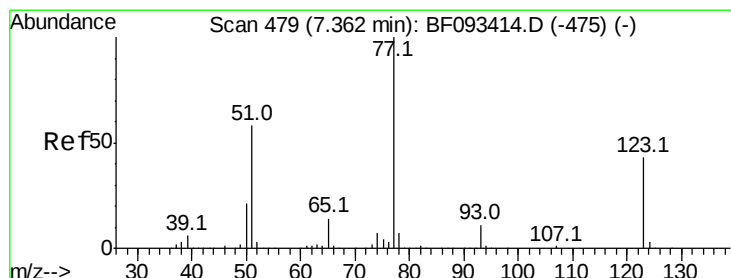
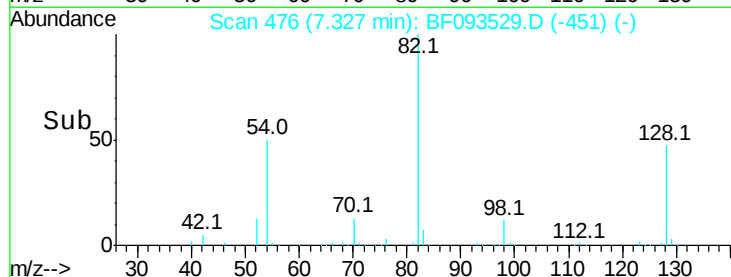
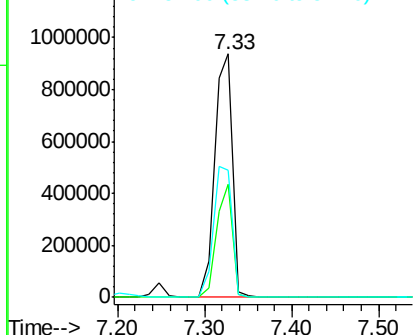
Tot Ion: 82 Resp: 1344269
Ion Ratio Lower Upper
82 100
128 46.7 34.6 52.0
54 52.2 39.5 59.3

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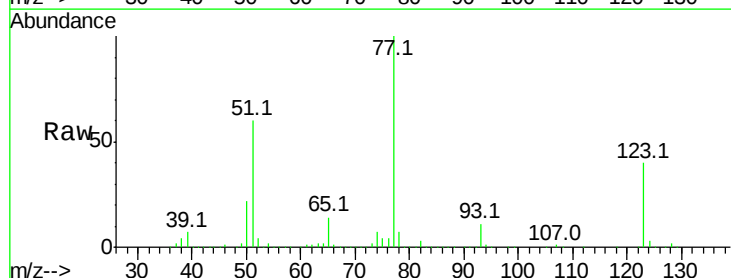


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

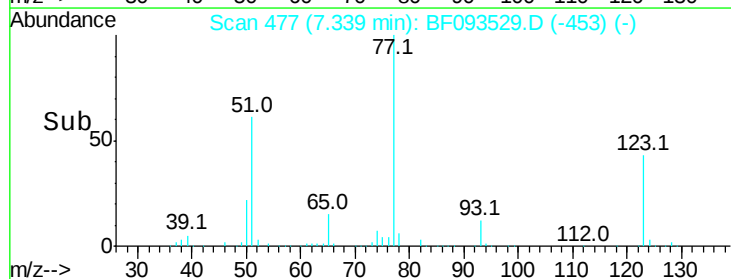
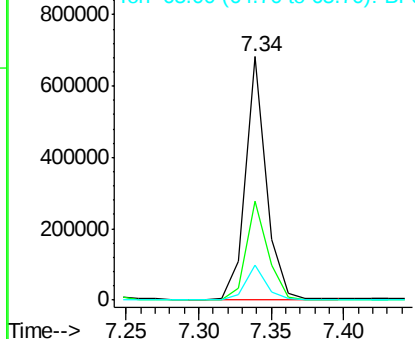


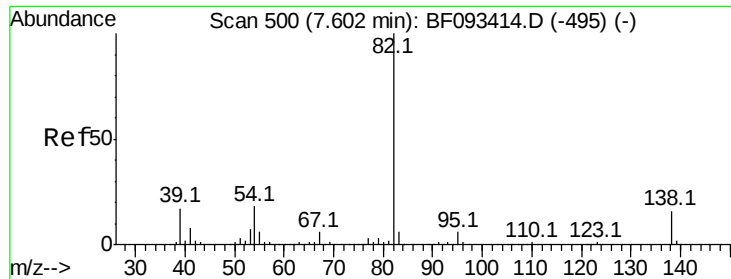
#24
Nitrobenzene
Concen: 42.62 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion: 77 Resp: 674422
Ion Ratio Lower Upper
77 100
123 40.4 33.0 49.4
65 14.3 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.39 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampleId :

D-38MSD

Tot Ion: 82 Resp: 1260112

Ion Ratio Lower Upper

82 100

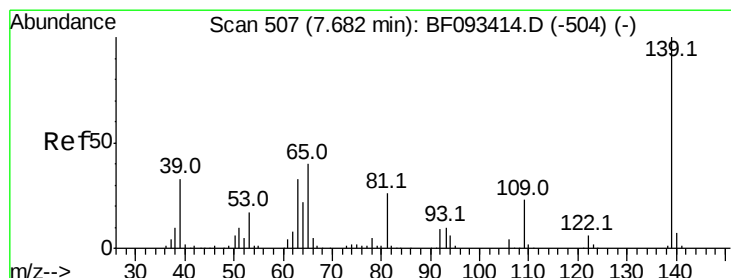
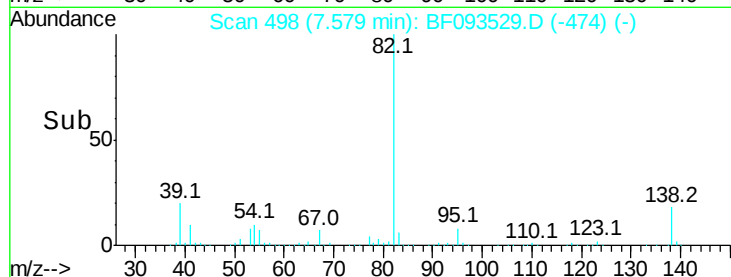
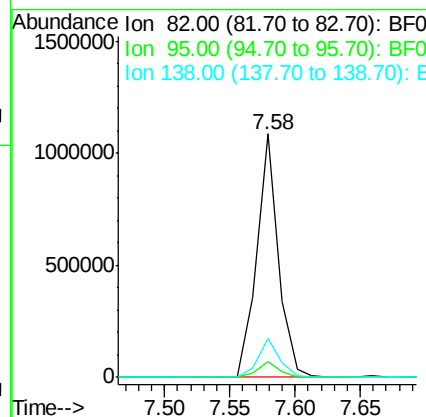
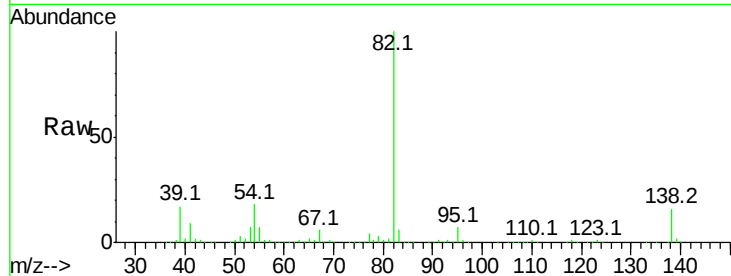
95 6.7 5.6 8.4

138 16.0 14.6 22.0

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#26

2-Nitrophenol

Concen: 47.62 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

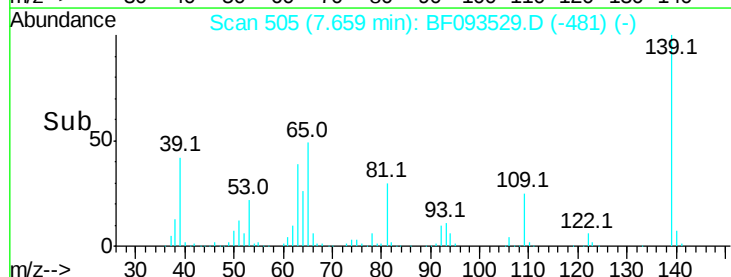
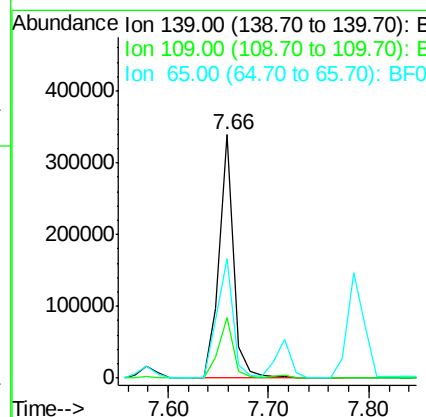
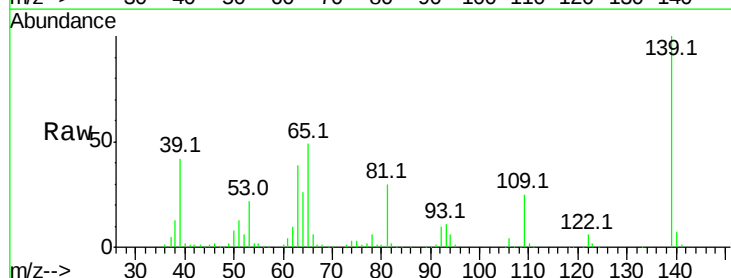
Tgt Ion: 139 Resp: 343758

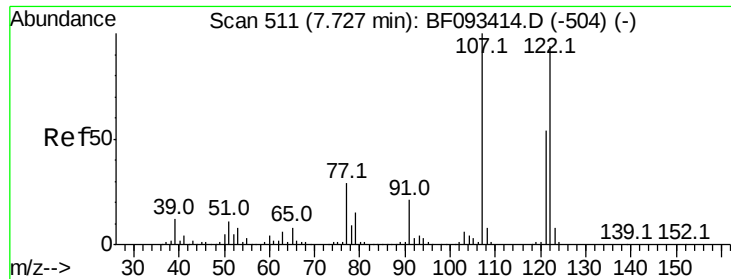
Ion Ratio Lower Upper

139 100

109 25.0 23.3 34.9

65 48.8 42.7 64.1





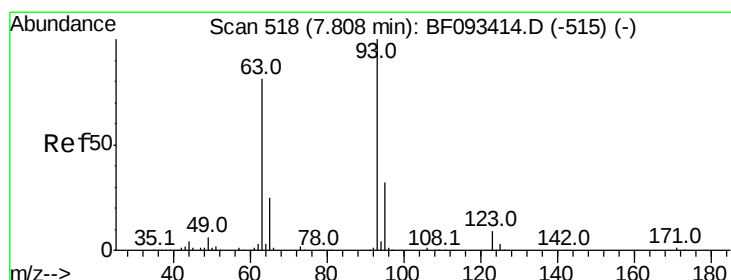
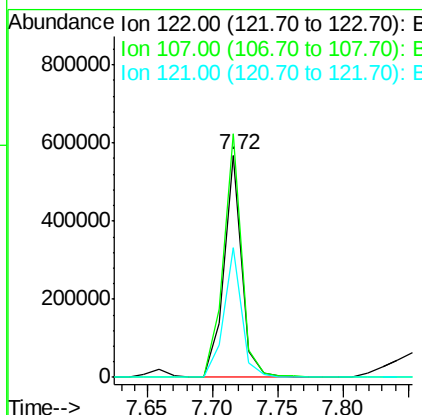
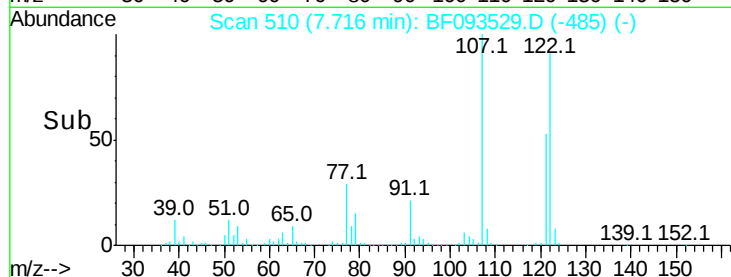
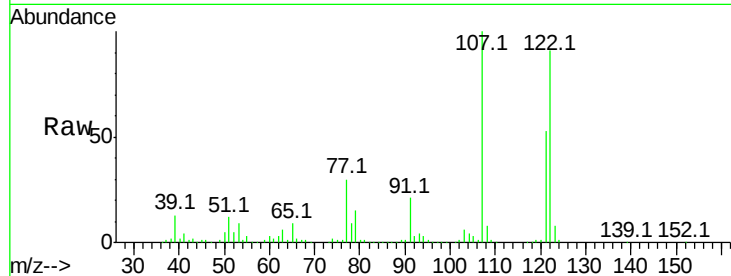
#27
2,4-Dimethylphenol
Concen: 46.03 ng
RT: 7.72 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	540611		
107	109.8	94.1	141.1	
121	58.3	46.0	69.0	

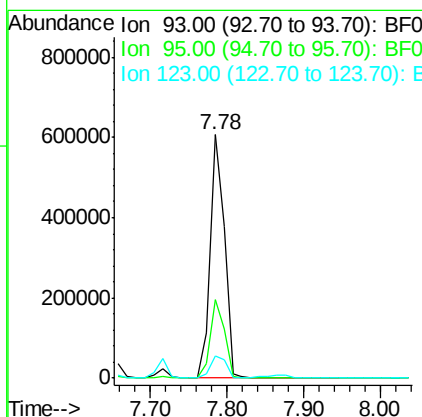
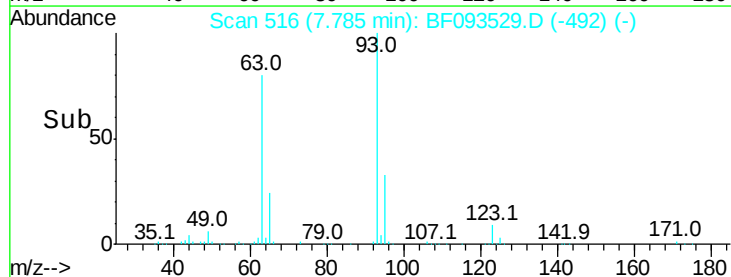
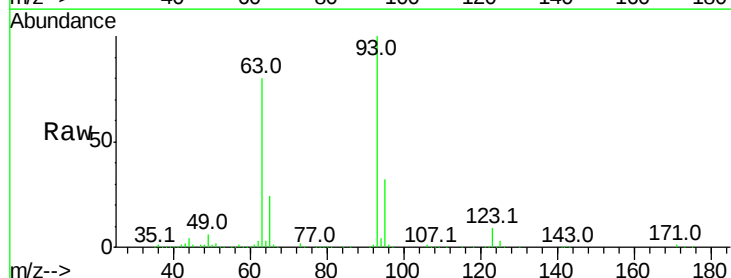
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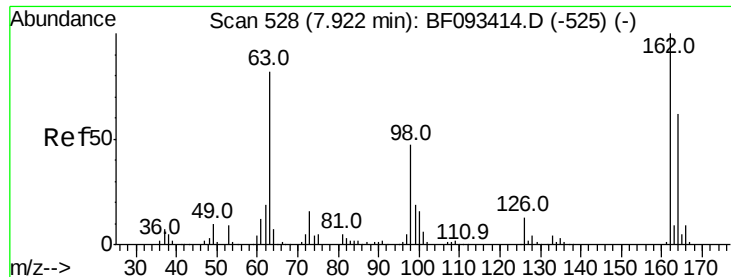
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.76 ng
RT: 7.78 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	766329		
95	32.5	26.5	39.7	
123	9.3	8.6	13.0	





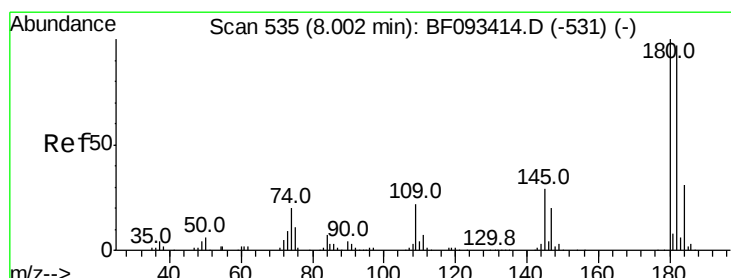
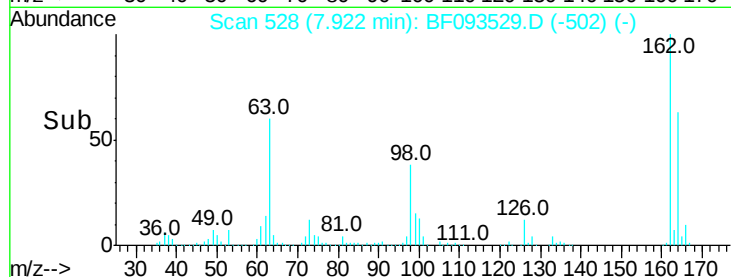
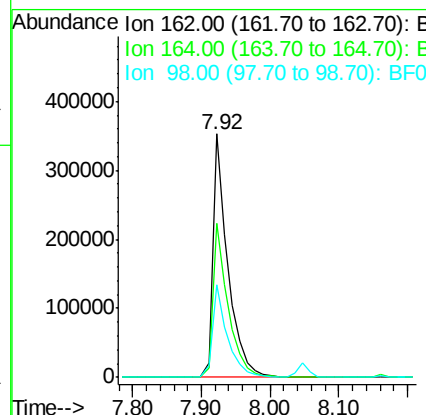
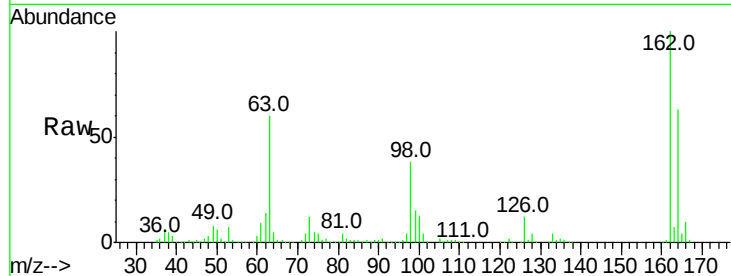
#29
 2,4-Dichlorophenol
 Concen: 48.58 ng
 RT: 7.92 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :
 D-38MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	46.8	86.8
98	38.1	9.1	49.1

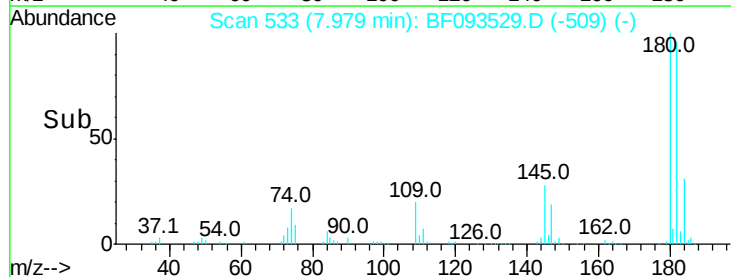
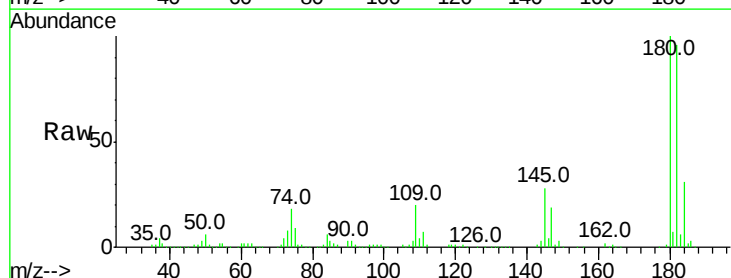
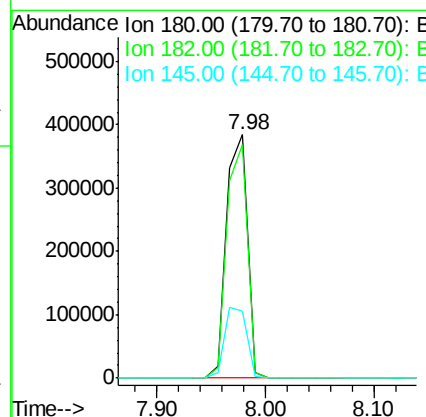
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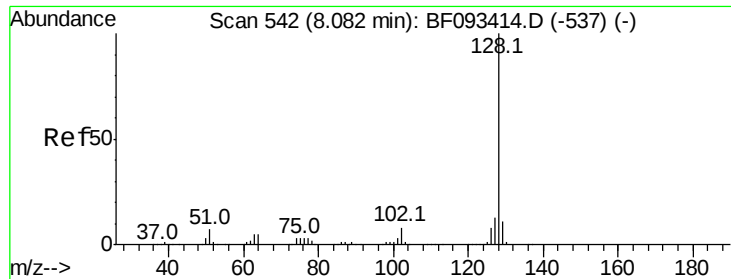
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.54 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	78.2	117.4
145	27.8	21.6	32.4





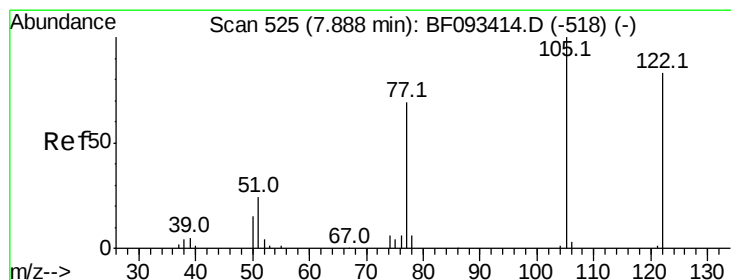
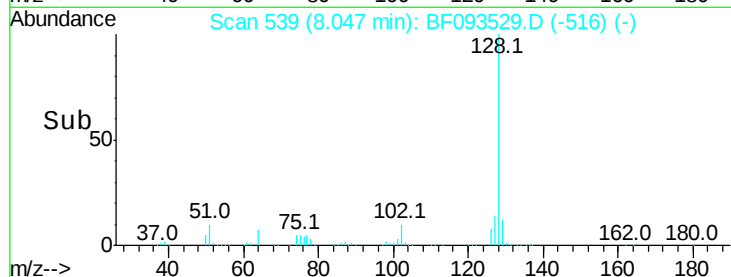
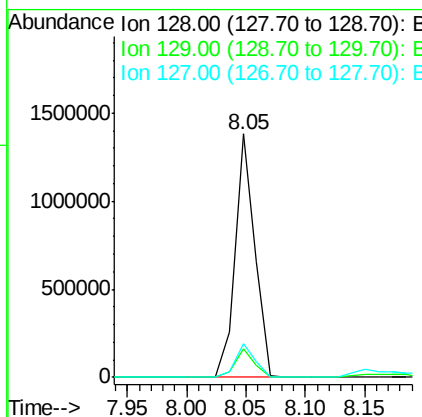
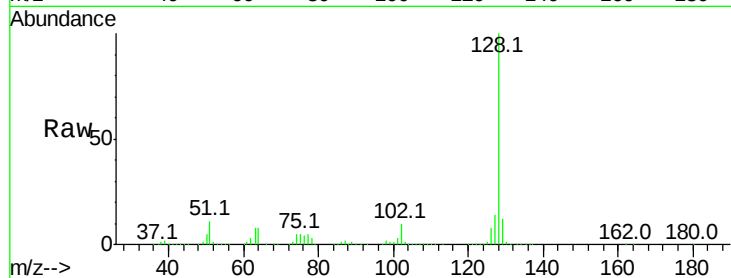
#31
Naphthalene
Concen: 40.76 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.7	10.8	16.2

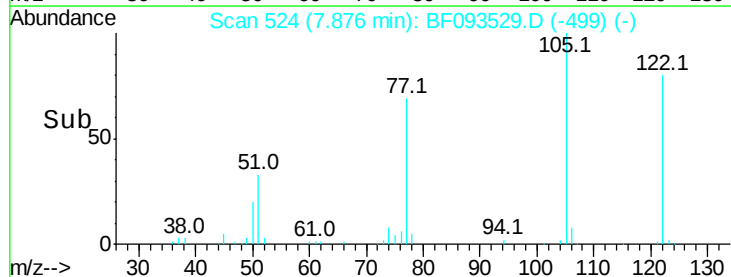
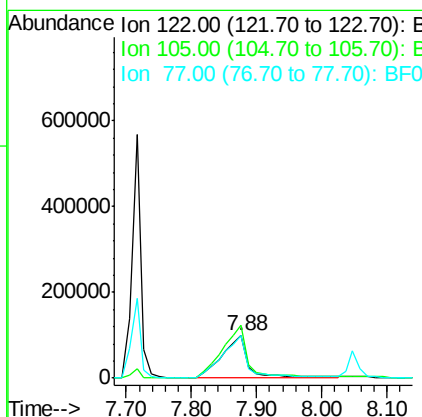
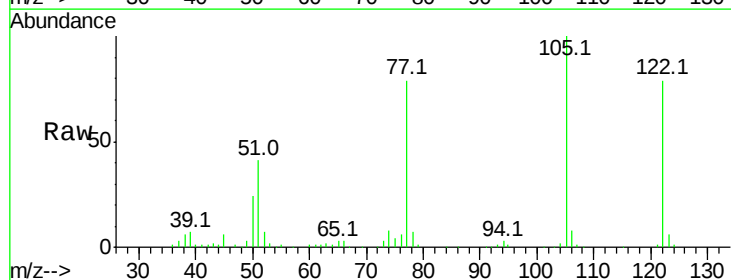
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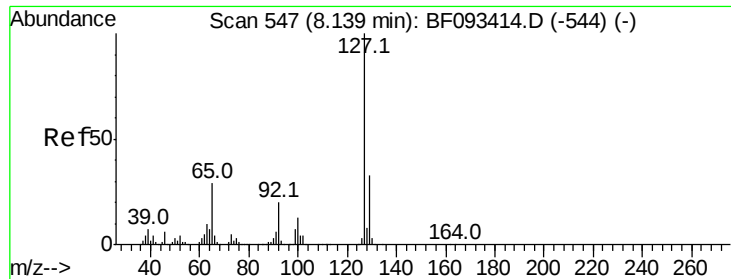
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#32
Benzoic acid
Concen: 43.76 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	107.2	147.2
77	100.4	74.5	114.5





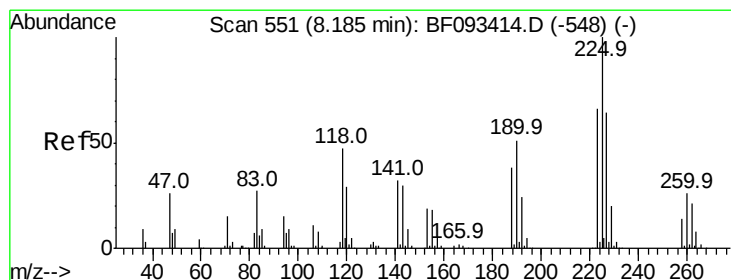
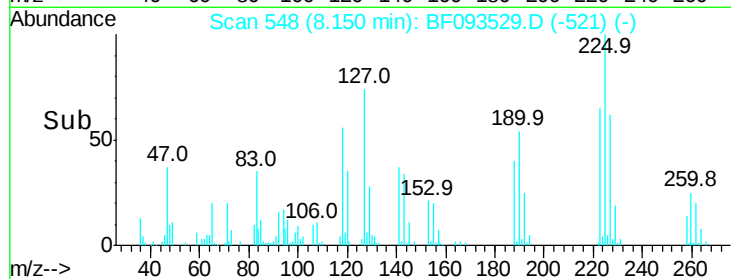
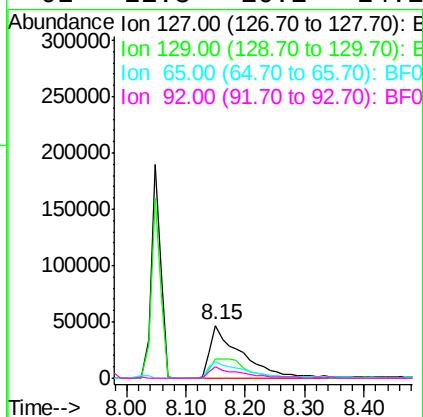
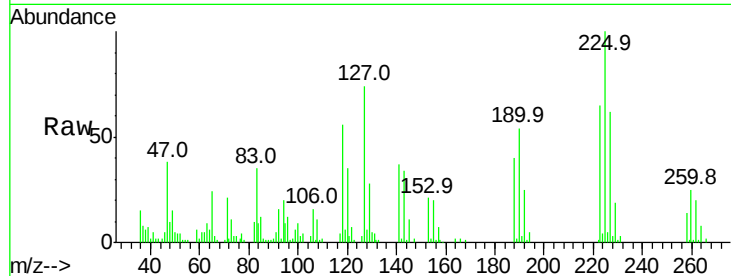
#33
4-Chloroaniline
Concen: 11.03 ng
RT: 8.15 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	175195		
129	37.5	26.3	39.5	
65	32.3	25.8	38.8	
92	21.3	16.1	24.1	

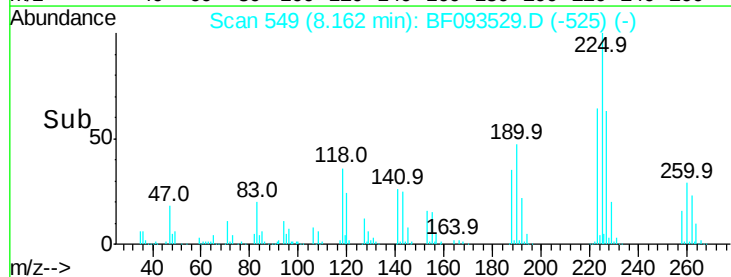
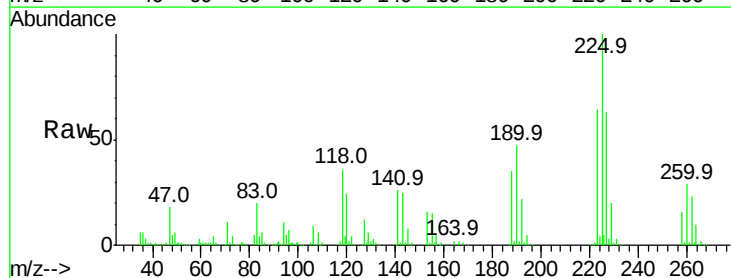
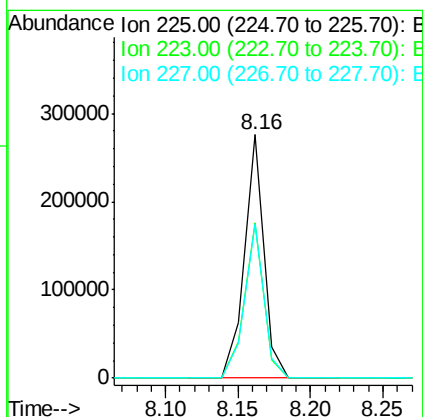
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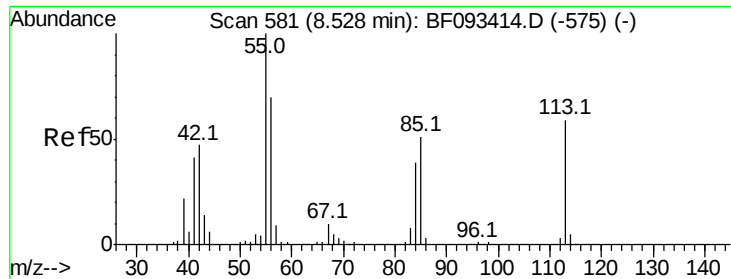
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#34
Hexachlorobutadiene
Concen: 42.68 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	258269		
223	63.9	51.0	76.6	
227	63.4	50.6	76.0	





#35

Caprolactam

Concen: 36.29 ng/mL

RT: 8.50 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampleID :

D-38MSD

Tot Ion: 113 Resp: 136920

Ion Ratio Lower Upper

113 100

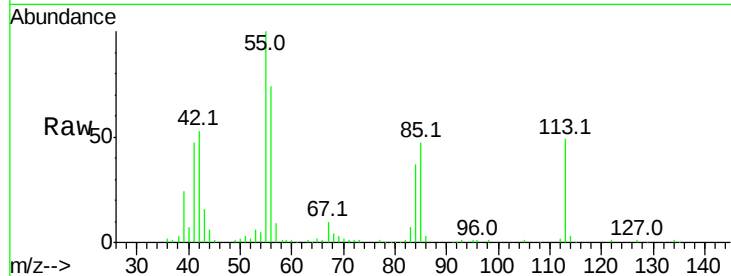
55 203.7 119.2 159.2#

56 150.2 83.8 123.8#

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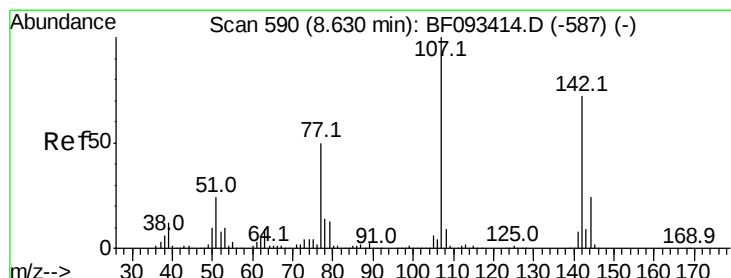
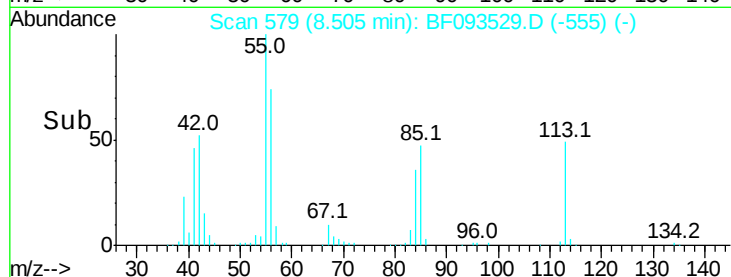
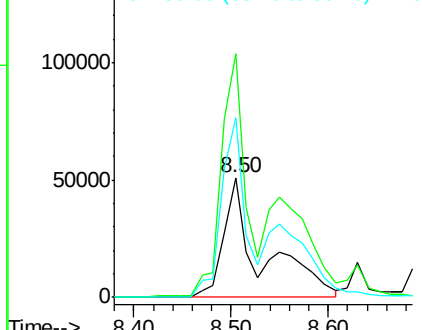
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.83 ng/mL

RT: 8.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

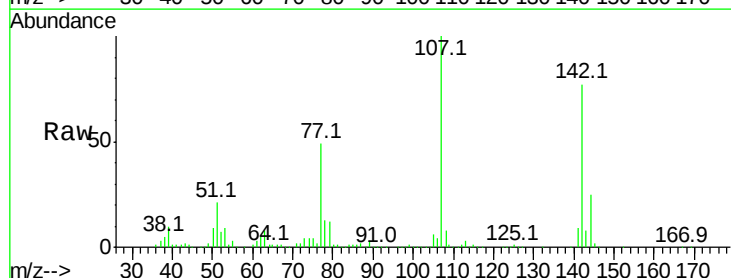
Tgt Ion: 107 Resp: 540423

Ion Ratio Lower Upper

107 100

144 24.9 19.3 28.9

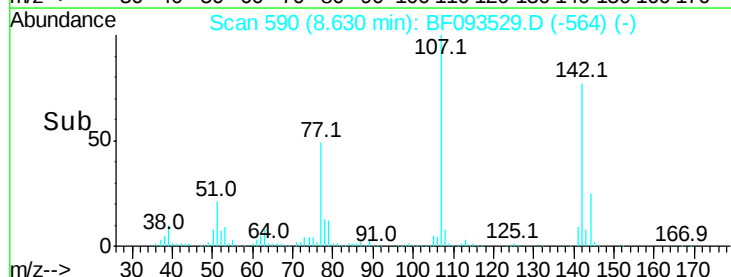
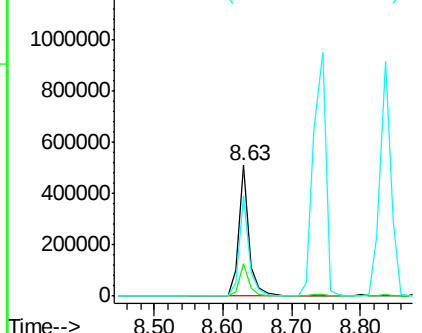
142 77.2 59.0 88.6

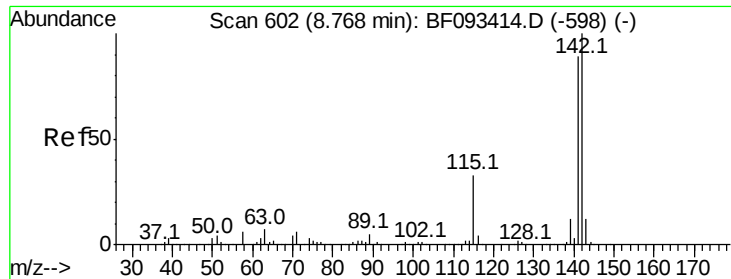


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





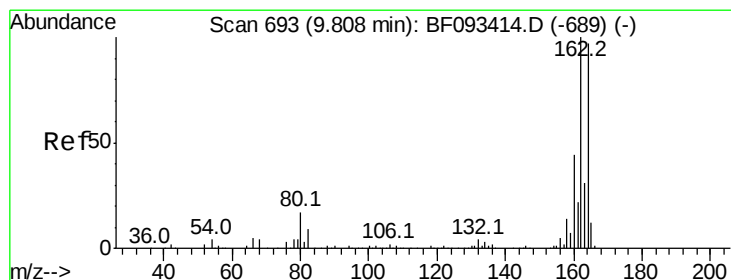
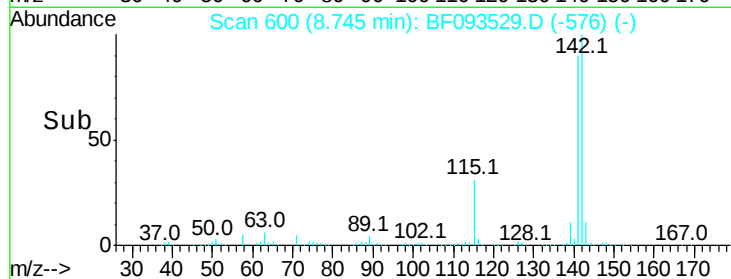
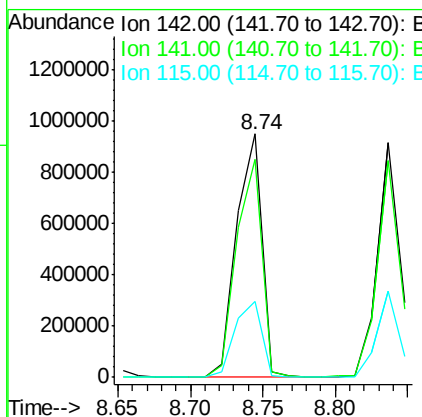
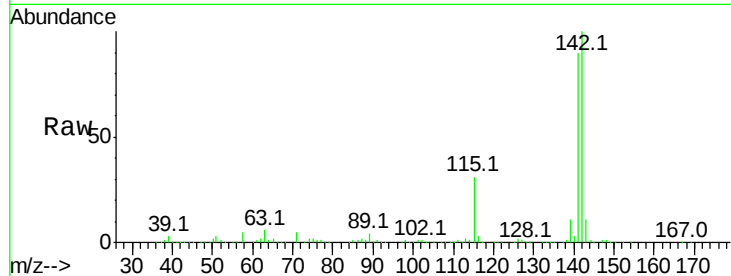
#37
2-Methylnaphthalene
Concen: 46.58 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	31.3	28.3	42.5

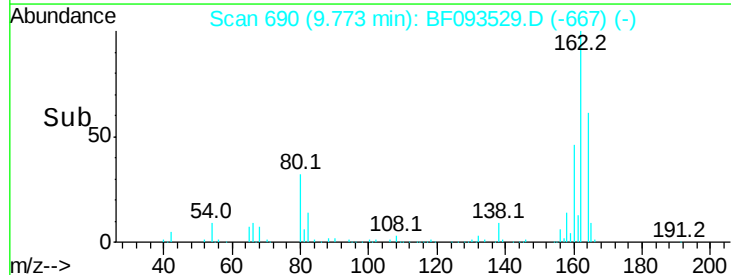
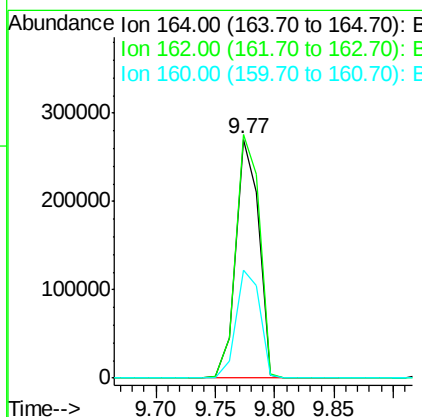
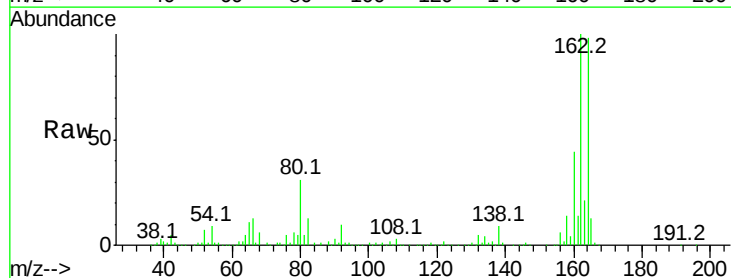
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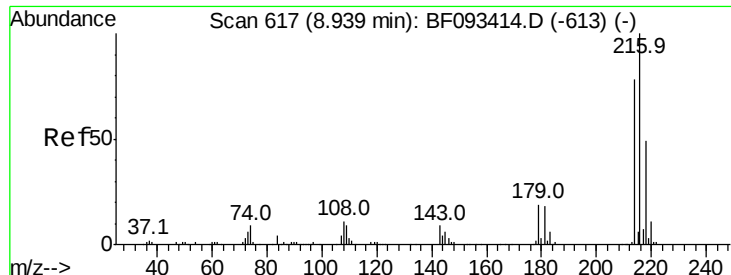
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	45.1	36.9	55.3





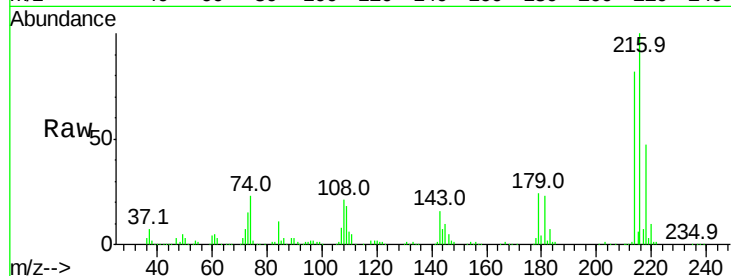
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.64 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :
 D-38MSD

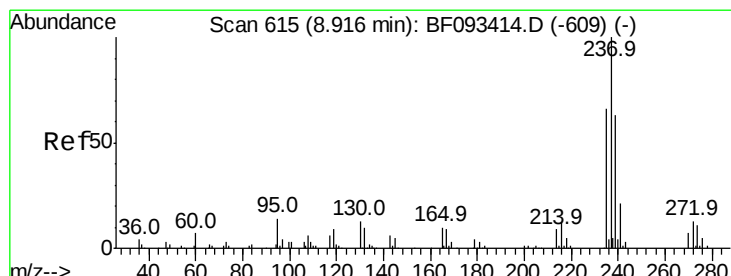
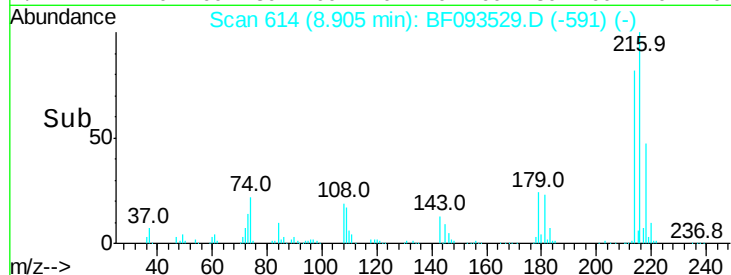
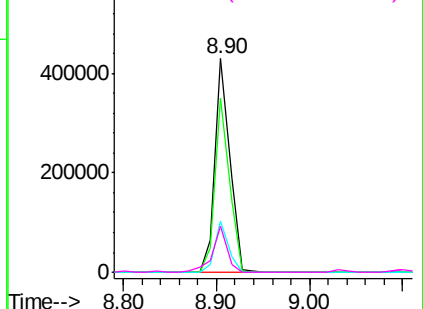
Tot Ion	Ratio	Resp	Lower	Upper
216	100	474679		
214	79.4	63.4	95.0	
179	22.0	17.4	26.2	
108	21.3	15.6	23.4	

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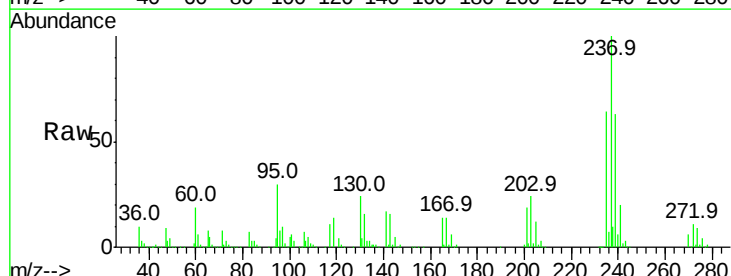


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

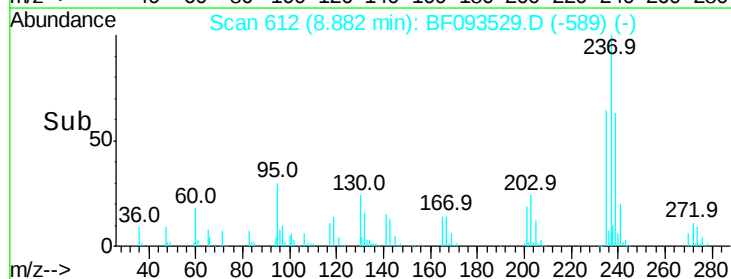
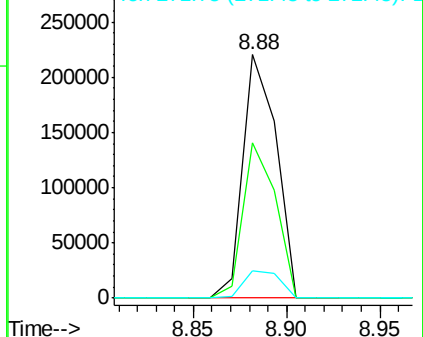


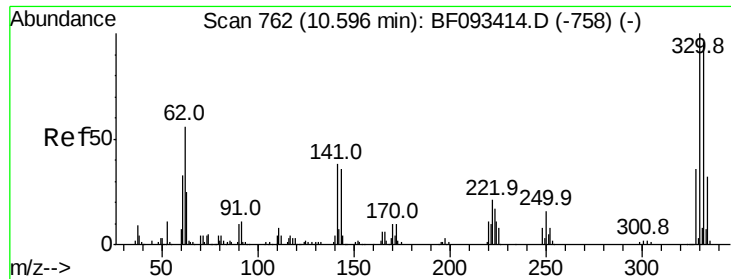
#40
 Hexachlorocyclopentadiene
 Concen: 104.61 ng
 RT: 8.88 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	274034		
235	63.9	41.2	81.2	
272	11.2	0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





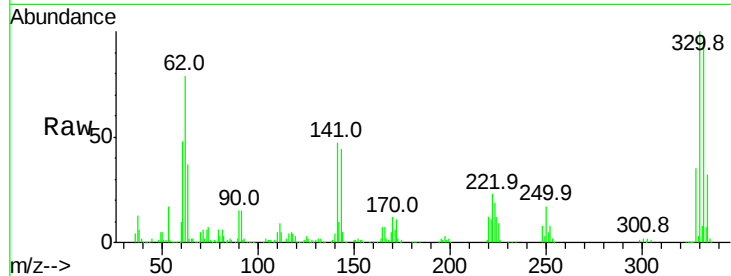
#41
 2,4,6-Tribromophenol
 Concen: 149.81 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :
 D-38MSD

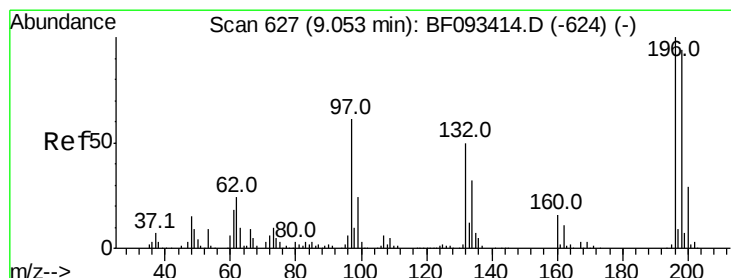
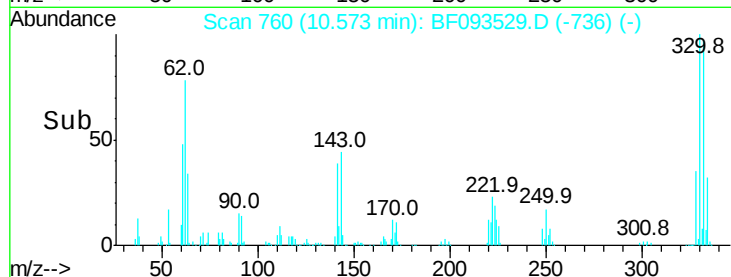
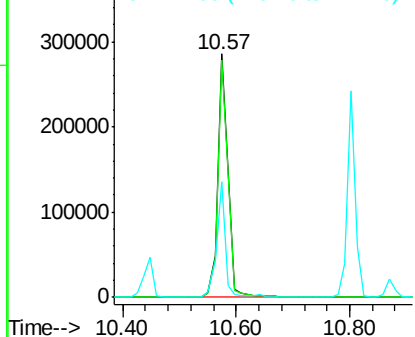
Tot Ion	Ratio	Resp	Lower	Upper
330	100	356180		
332	97.2		77.4	116.2
141	39.4		34.1	51.1

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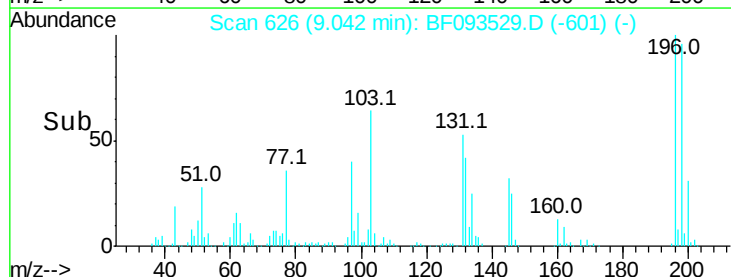
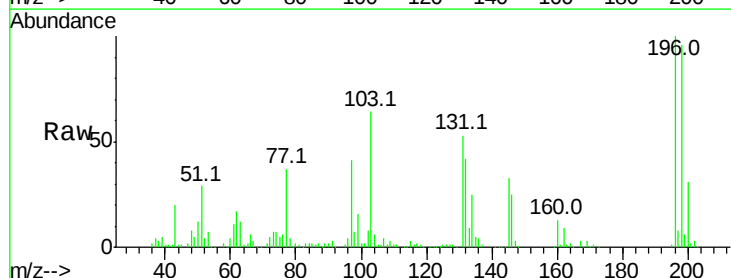
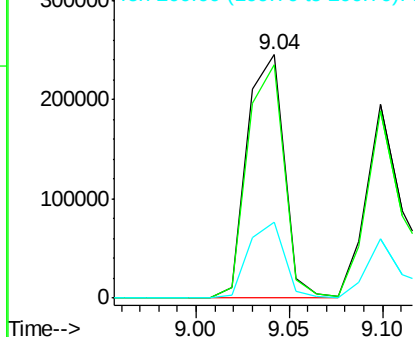
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

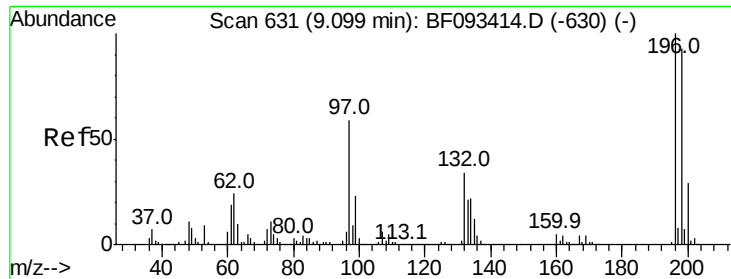


#42
 2,4,6-Trichlorophenol
 Concen: 54.44 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	338918		
198	95.7		82.1	123.1
200	31.4		27.0	40.4

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





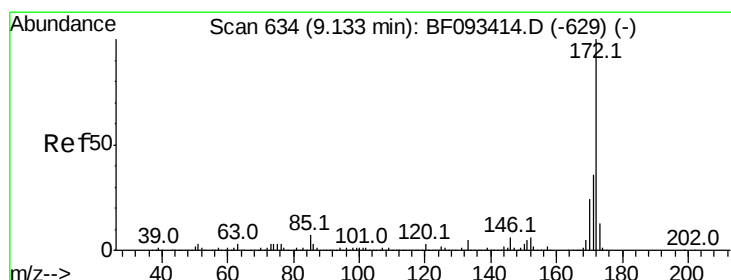
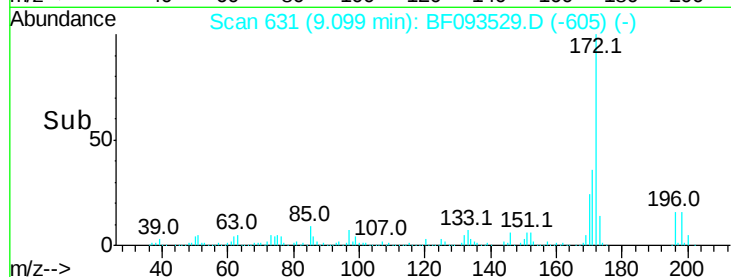
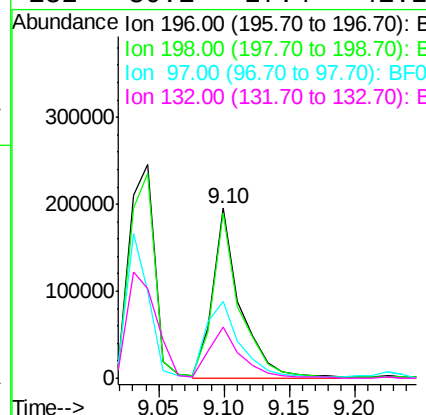
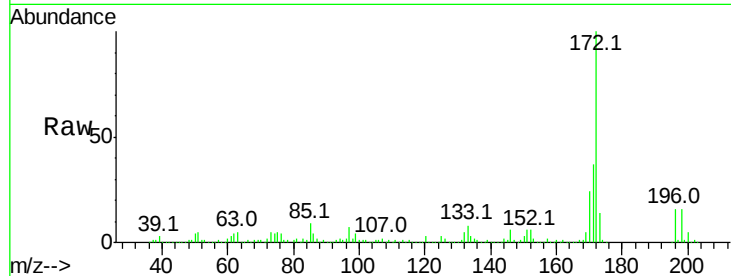
#43
 2,4,5-Trichlorophenol
 Concen: 43.68 ng/mL
 RT: 9.10 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :
 D-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	291816		
198	96.8	79.4	119.2	
97	45.4	51.5	77.3	
132	30.1	27.4	41.2	

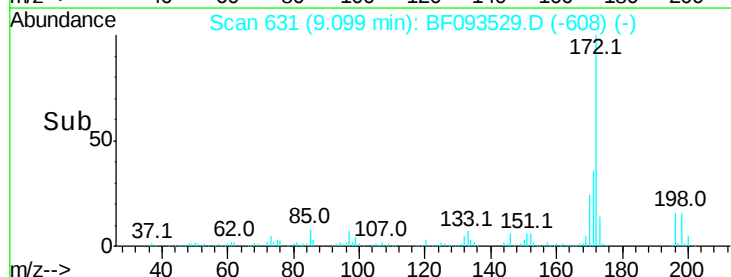
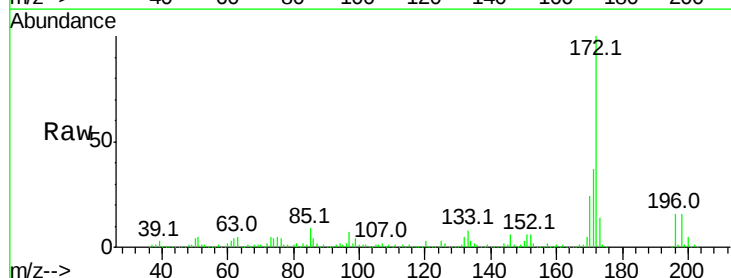
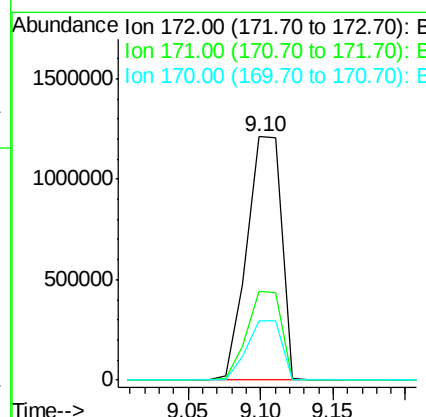
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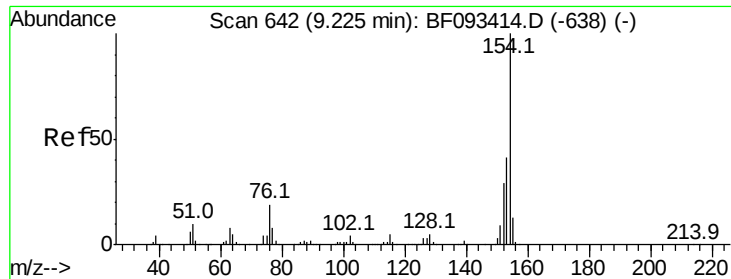
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#44
 2-Fluorobiphenyl
 Concen: 102.01 ng/mL
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2001477		
171	36.5	29.4	44.0	
170	24.2	20.2	30.4	





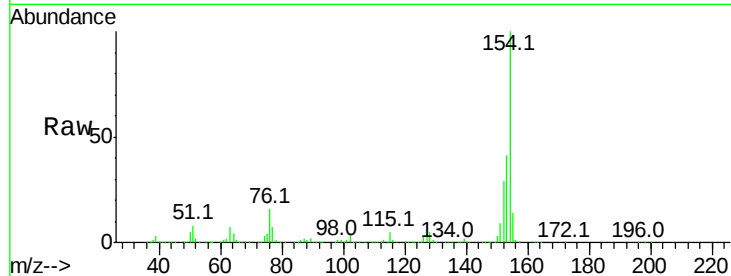
#45
1,1'-Biphenyl
Concen: 48.24 ng
RT: 9.20 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

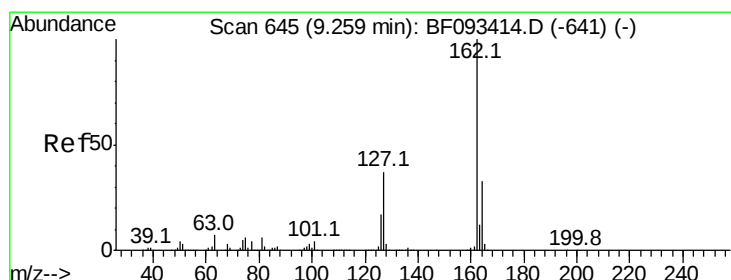
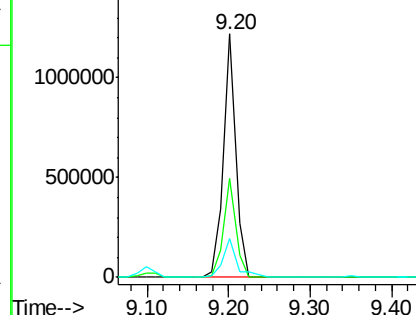
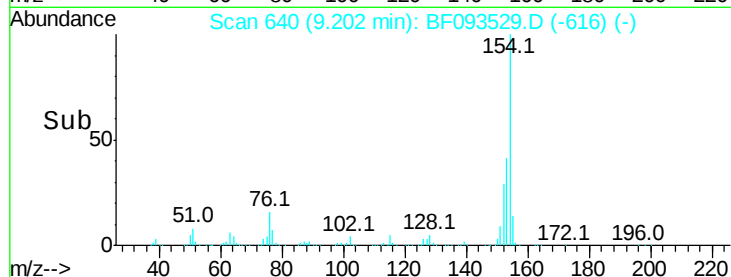
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	15.9	0.0	30.5

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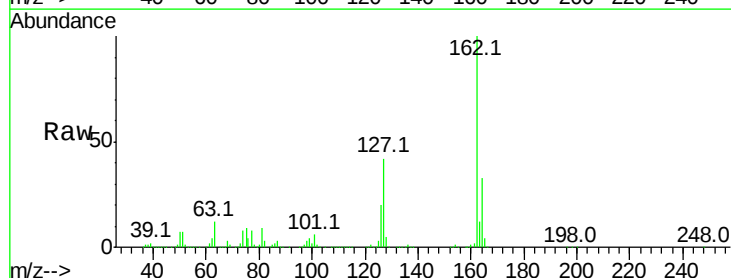


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

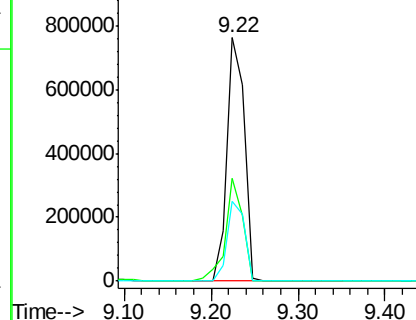
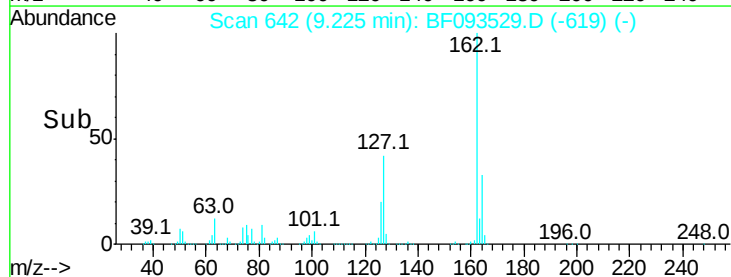


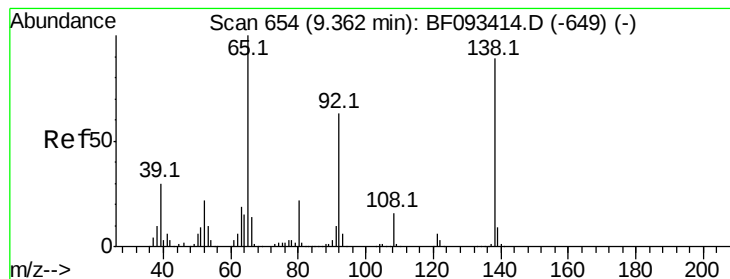
#46
2-Chloronaphthalene
Concen: 52.40 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	30.7	46.1
164	32.5	27.6	41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.87 ng

RT: 9.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampleId :

D-38MSD

Tot Ion: 65 Resp: 394679

Ion Ratio Lower Upper

65 100

92 73.8 53.9 80.9

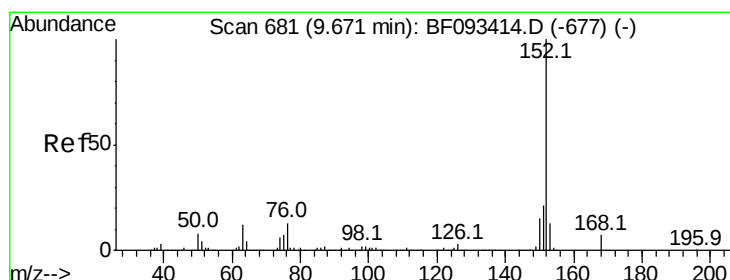
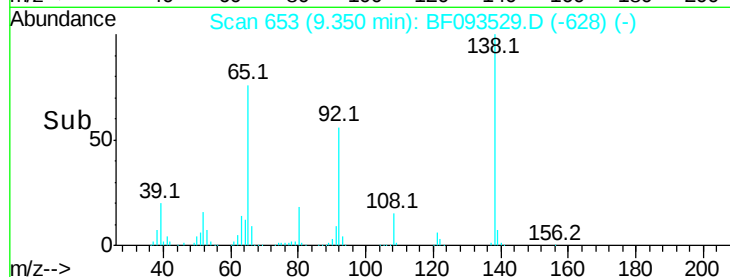
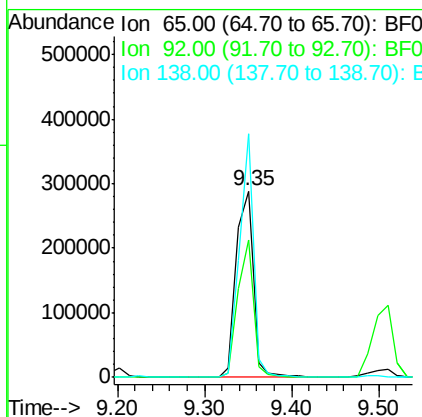
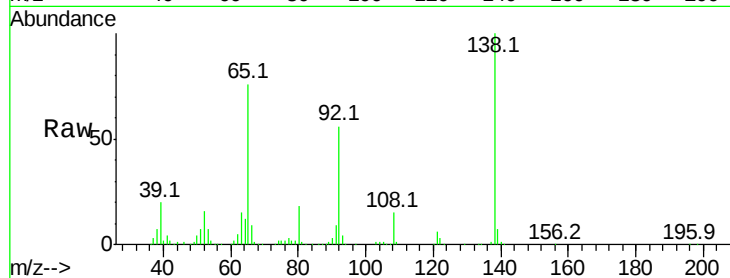
138 130.9 76.8 115.2#

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#48

Acenaphthylene

Concen: 49.99 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

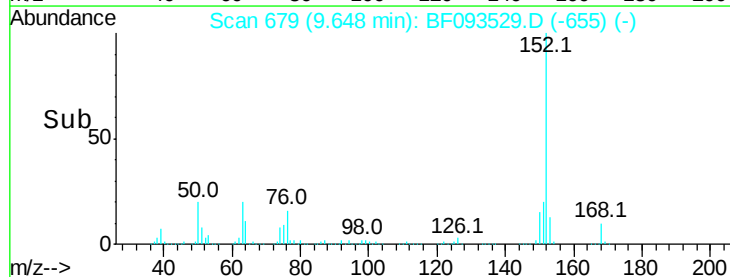
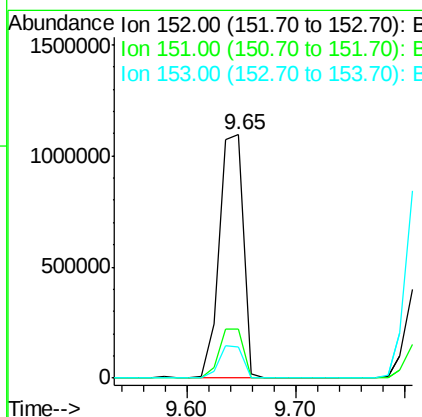
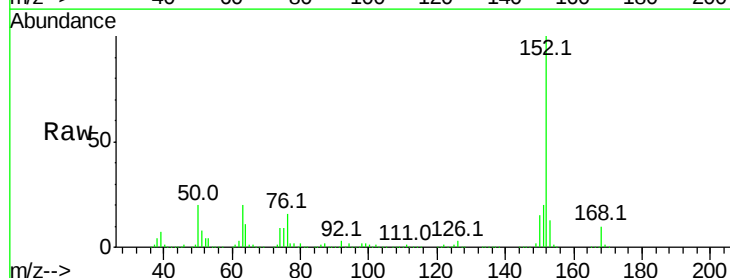
Tgt Ion: 152 Resp: 1677530

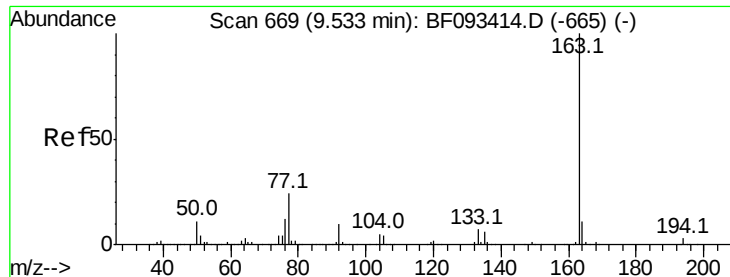
Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

153 13.0 11.4 17.2





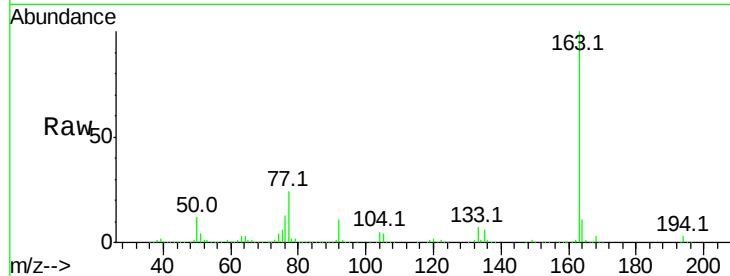
#49
Dimethylphthalate
Concen: 50.34 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

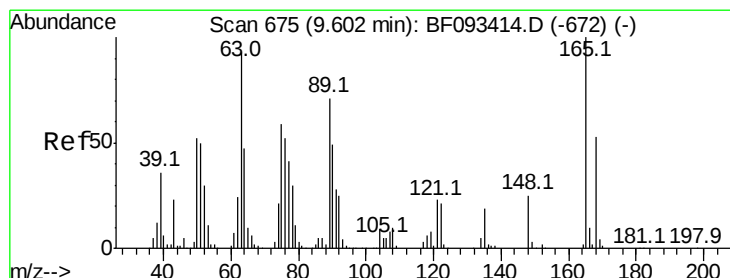
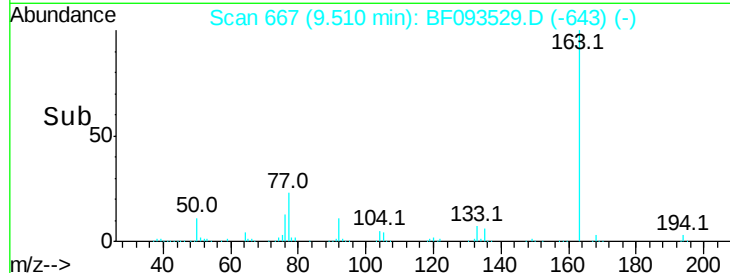
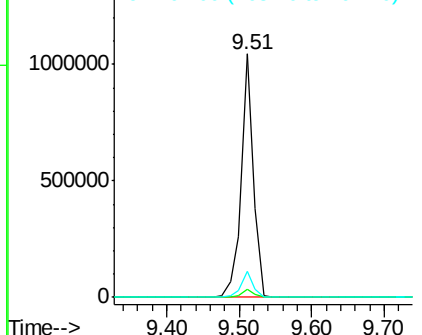
Tot Ion:163 Resp: 1217834
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.5 8.0 12.0

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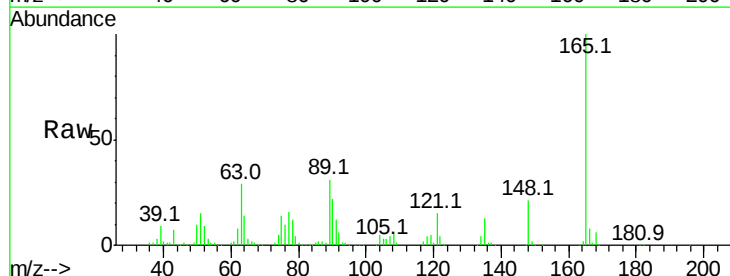


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

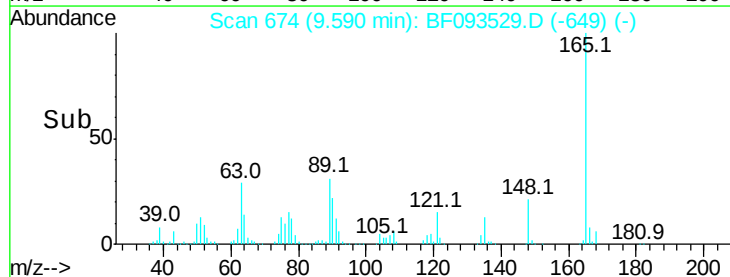
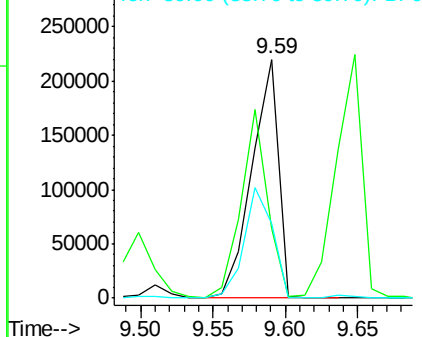


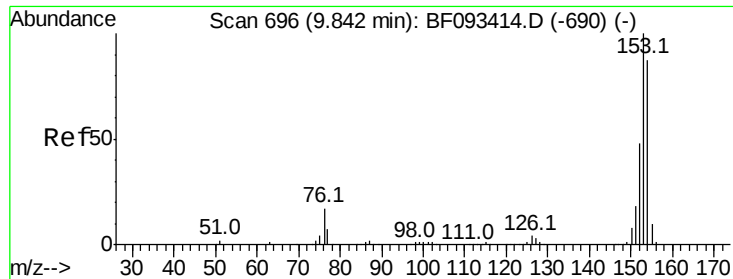
#50
2,6-Dinitrotoluene
Concen: 52.86 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion:165 Resp: 280630
Ion Ratio Lower Upper
165 100
63 29.3 36.2 54.4#
89 31.3 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.55 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

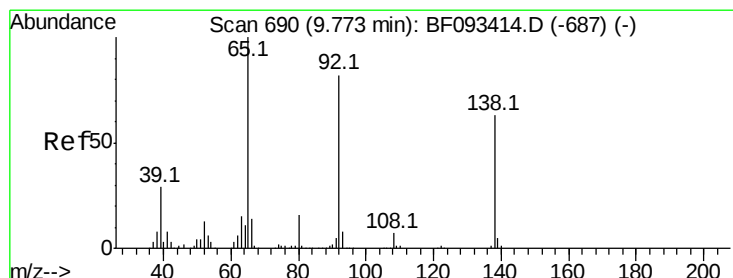
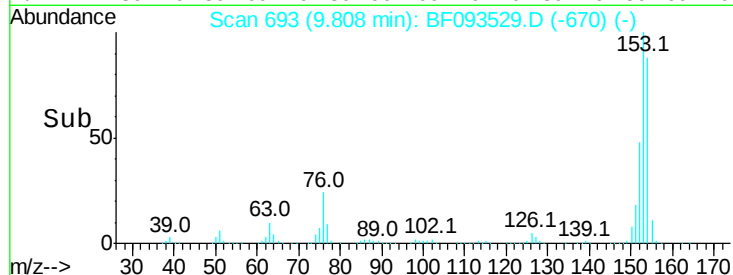
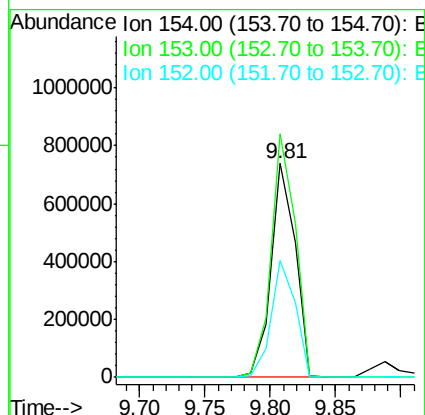
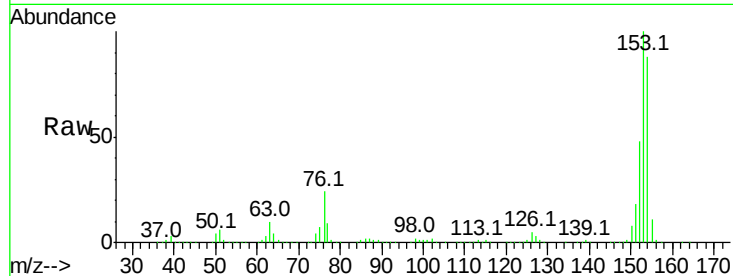
ClientSampleId :

D-38MSD

Tot Ion:	154	Resp:	963487
Ion Ratio	Lower	Upper	
154	100		
153	113.9	88.6	133.0
152	54.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 19.84 ng

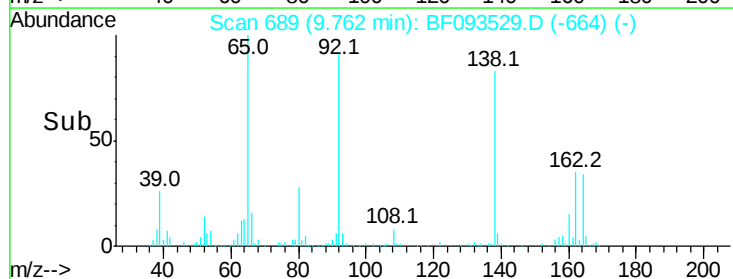
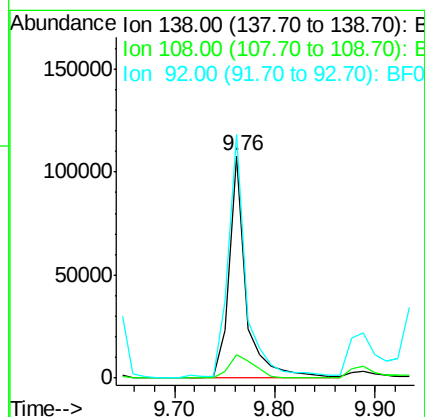
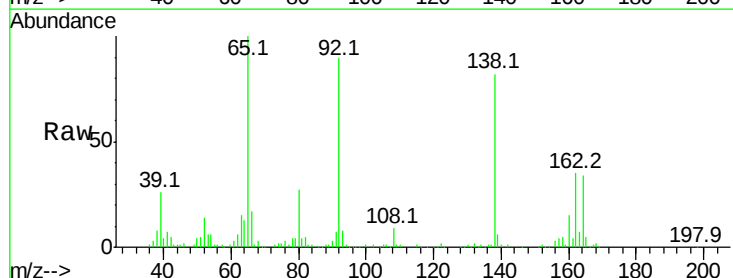
RT: 9.76 min Scan# 689

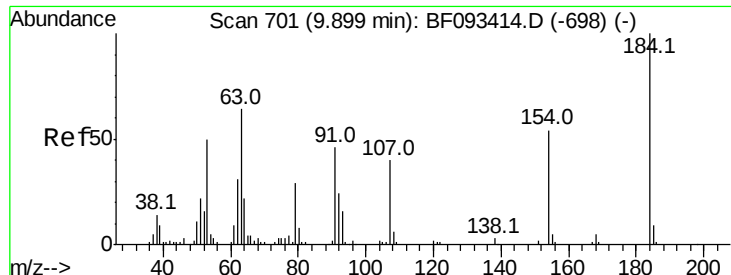
Delta R.T. -0.01 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Tgt Ion:	138	Resp:	126546
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.5	12.7
92	109.6	97.8	146.8





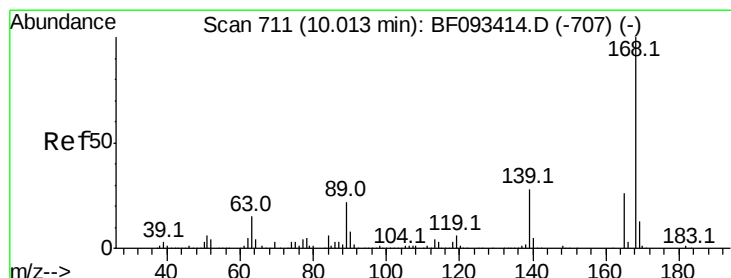
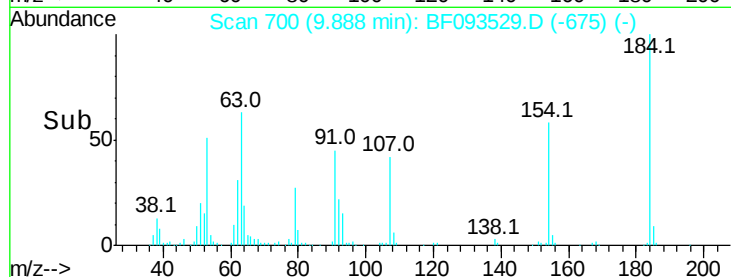
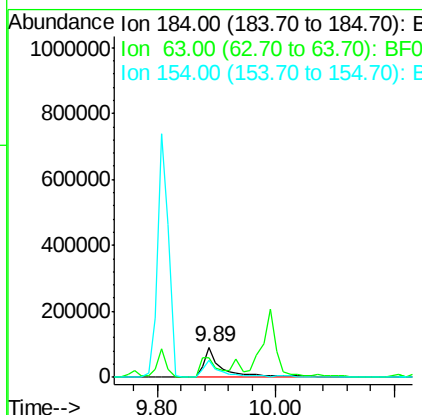
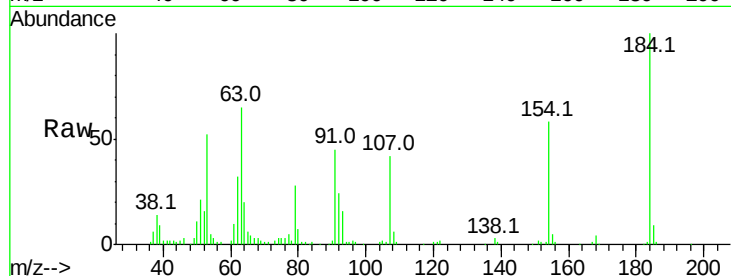
#53
2,4-Dinitrophenol
Concen: 88.05 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampled :
D-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	212878		
63	64.8	28.4	42.6	#
154	58.3	44.3	66.5	

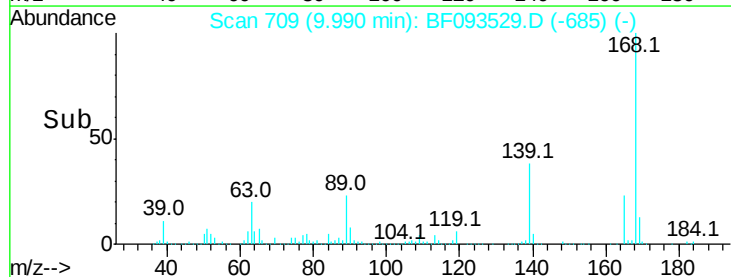
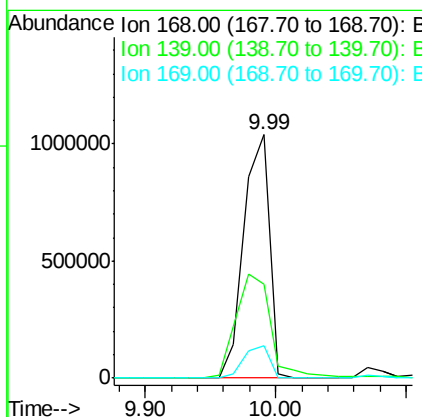
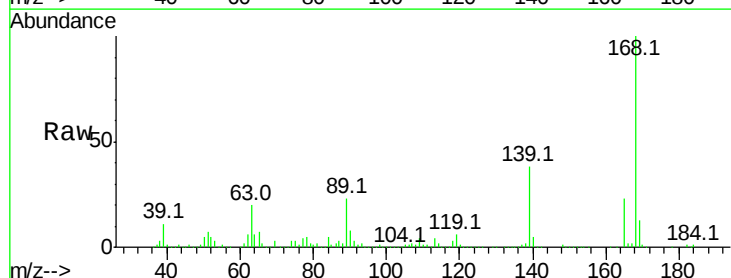
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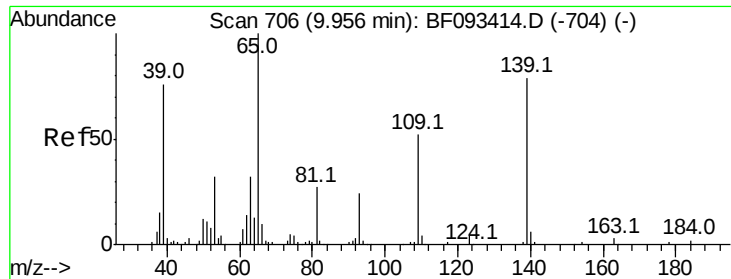
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#54
Dibenzofuran
Concen: 56.98 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1415292		
139	38.5	32.6	49.0	
169	13.3	11.3	16.9	





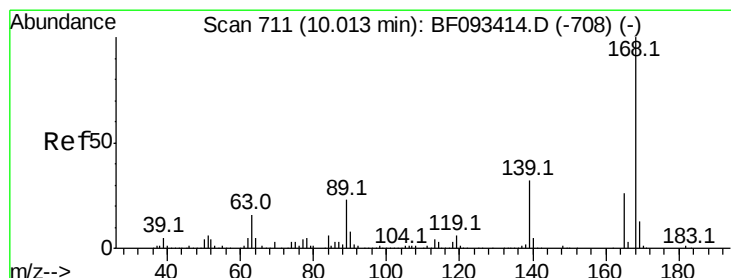
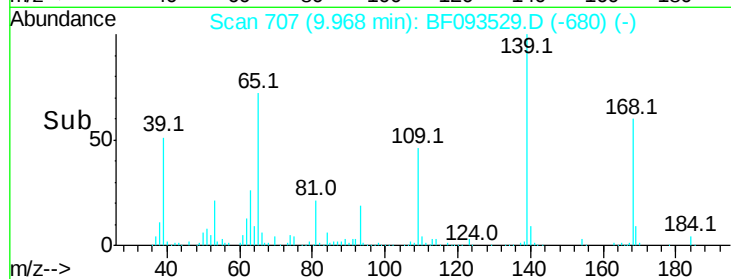
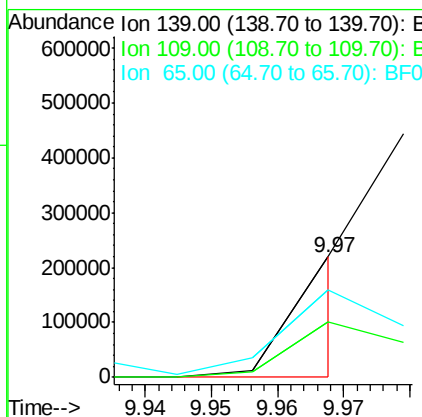
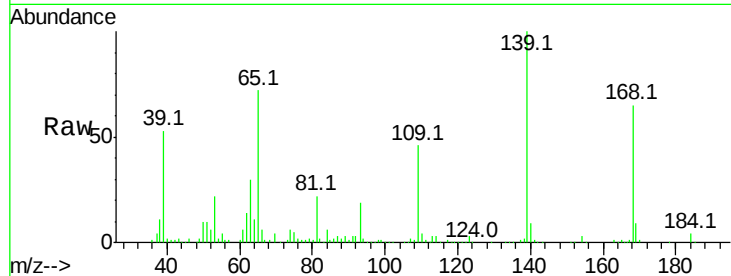
#55
4-Nitrophenol
Concen: 51.12 ng/ml
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampled :
D-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	46.1	52.2	92.2#	
65	72.4	85.8	125.8#	

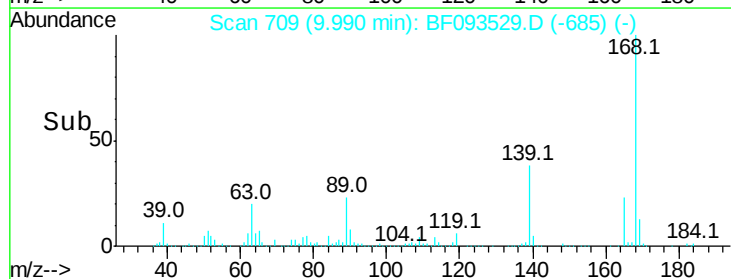
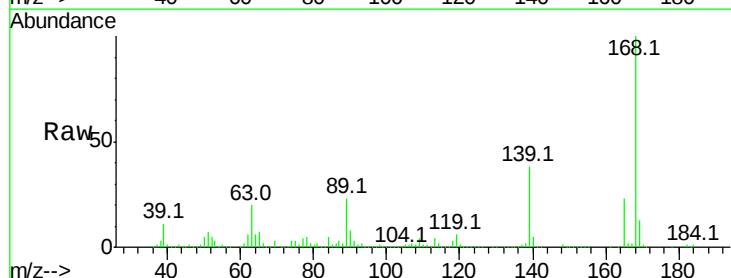
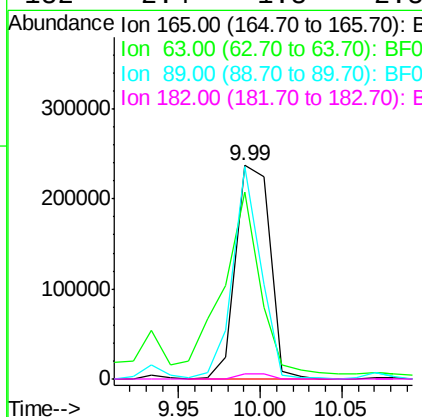
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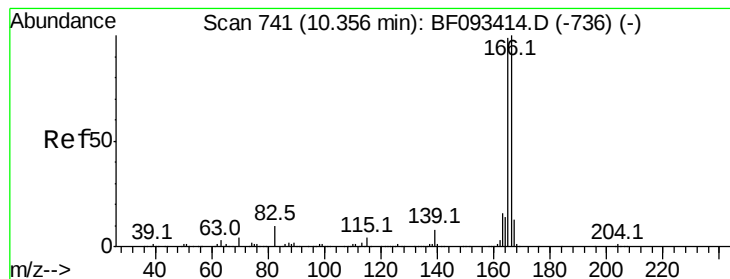
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#56
2,4-Dinitrotoluene
Concen: 52.16 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	87.7	40.2	60.4#	
89	99.6	62.5	93.7#	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 52.66 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampled :

D-38MSD

Tot Ion:166 Resp: 1108393

Ion Ratio Lower Upper

166 100

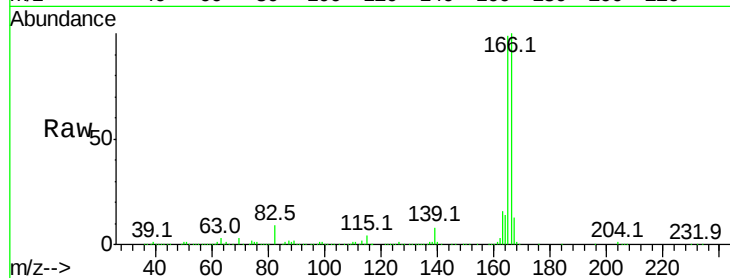
165 99.5 77.8 116.8

167 12.8 10.8 16.2

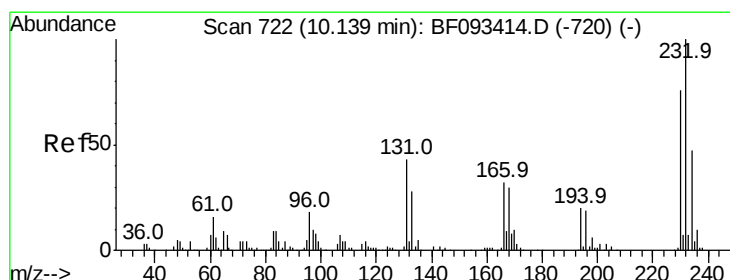
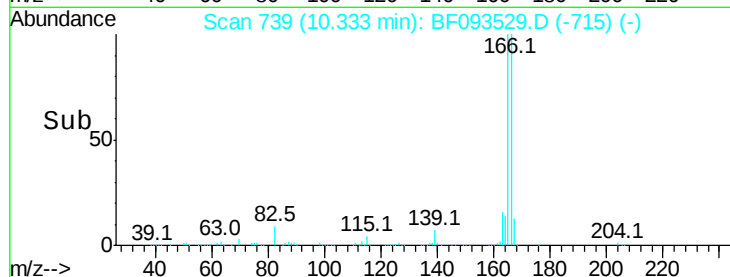
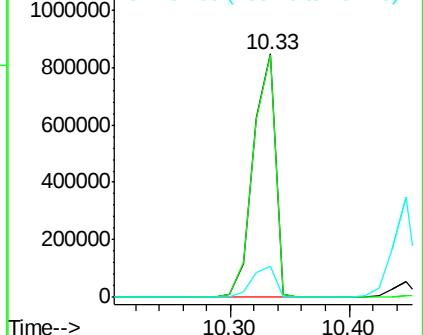
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.62 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Tgt Ion:232 Resp: 281072

Ion Ratio Lower Upper

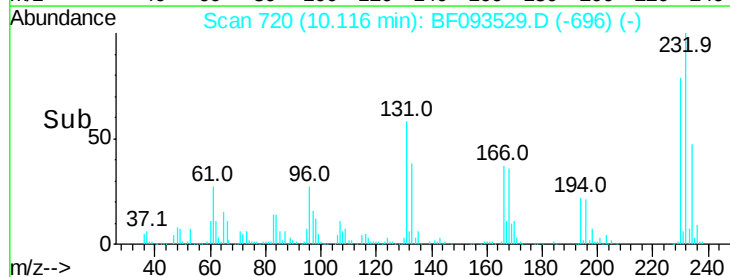
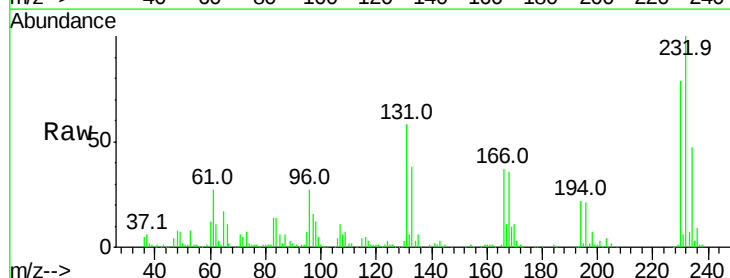
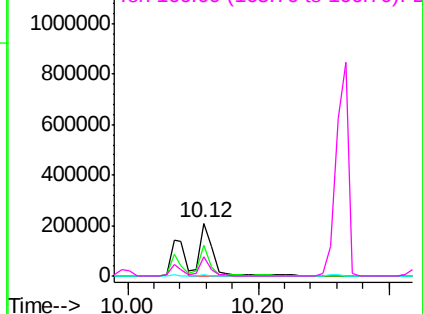
232 100

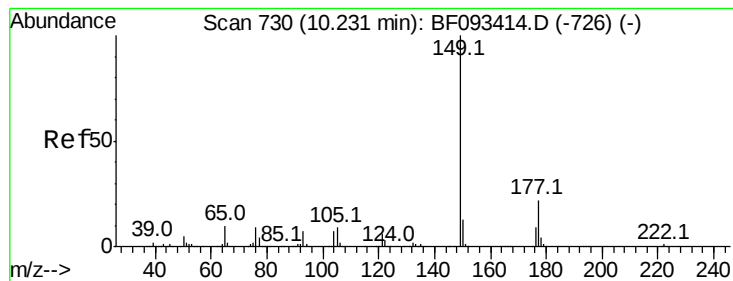
131 43.8 40.1 60.1

130 2.5 1.8 2.8

166 31.4 26.6 39.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.02 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampled :

D-38MSD

Tot Ion:149 Resp: 1179691

Ion Ratio Lower Upper

149 100

177 21.6 16.6 25.0

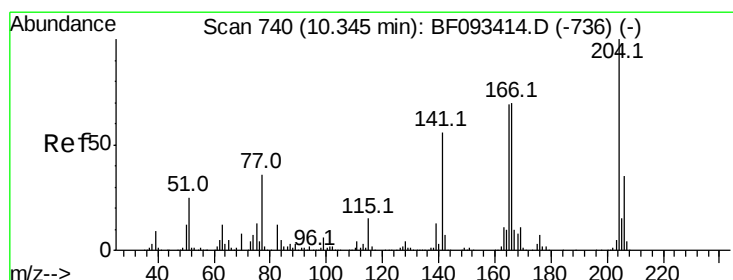
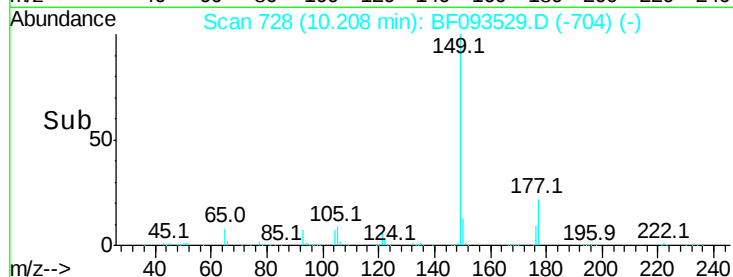
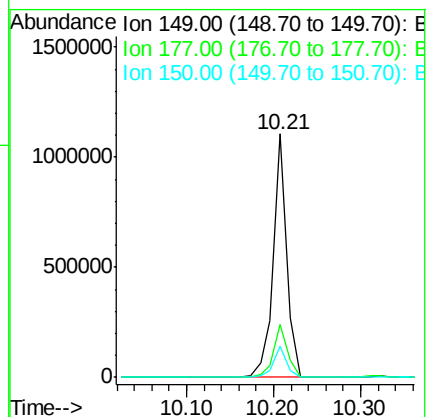
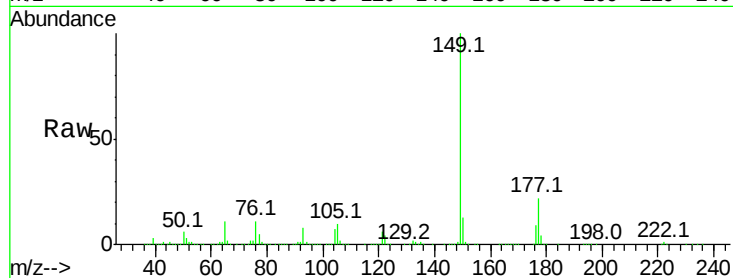
150 12.7 10.4 15.6

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#60

4-Chlorophenyl-phenylether

Concen: 56.49 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

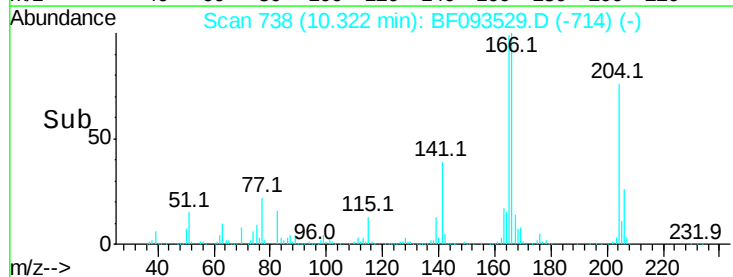
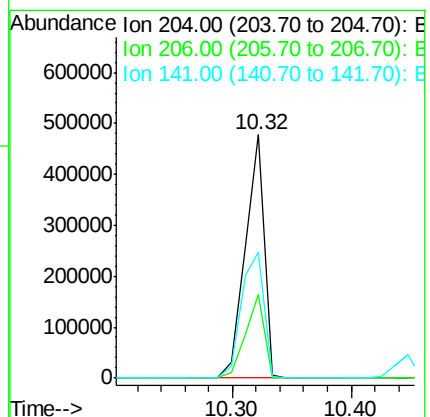
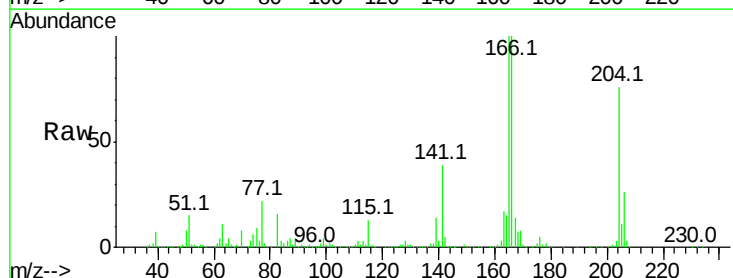
Tgt Ion:204 Resp: 532918

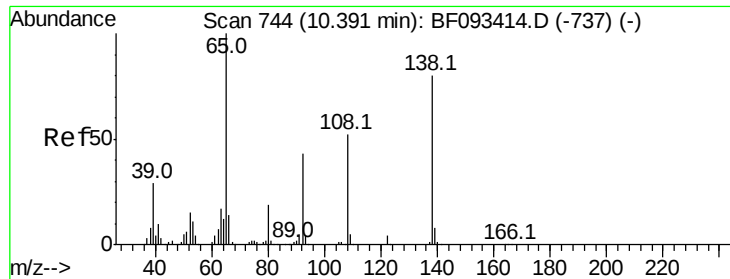
Ion Ratio Lower Upper

204 100

206 34.6 25.8 38.6

141 51.6 59.4 89.0#





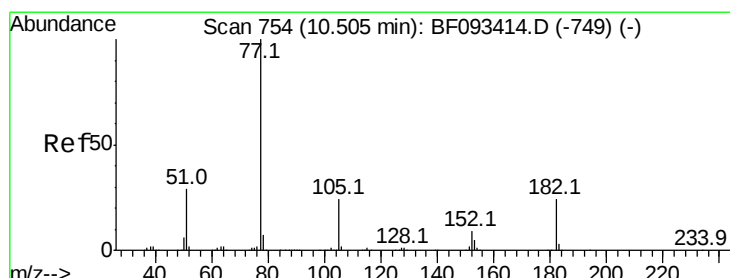
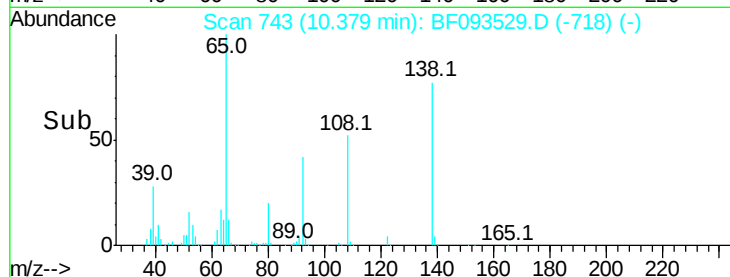
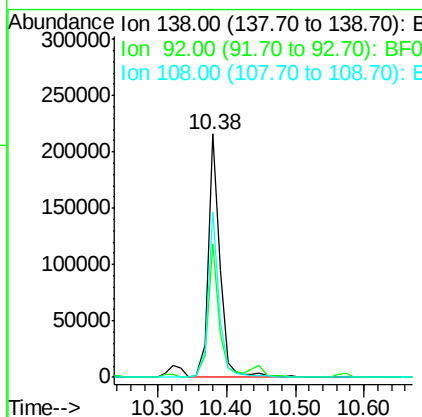
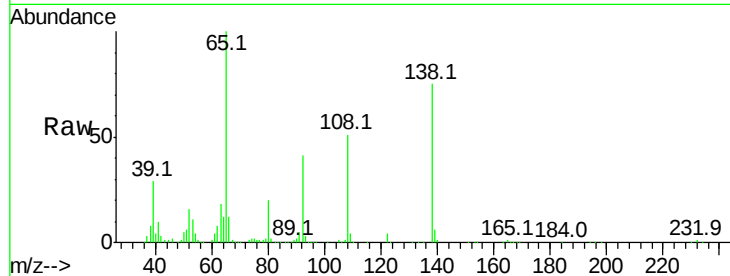
#61
4-Nitroaniline
Concen: 38.85 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.7	31.7	71.7
108	68.1	52.6	92.6

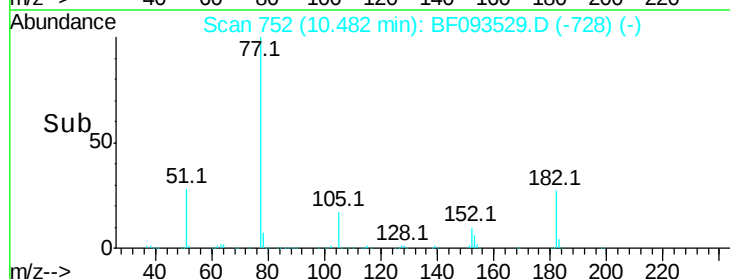
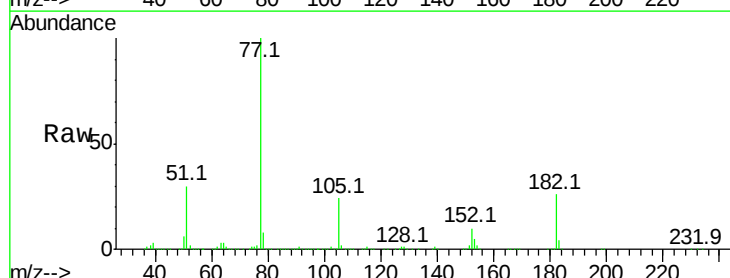
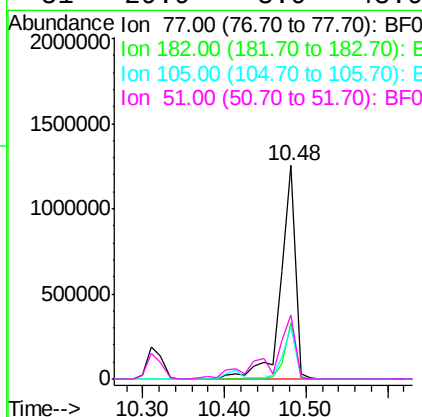
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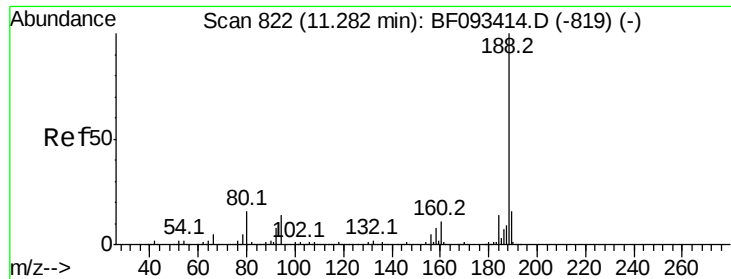
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#62
Azobenzene
Concen: 58.55 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	0.0	39.3
105	24.4	2.3	42.3
51	29.9	8.9	48.9





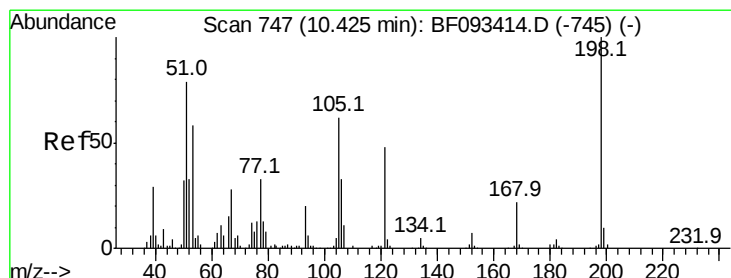
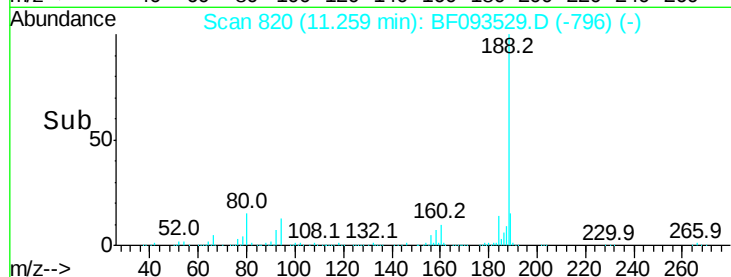
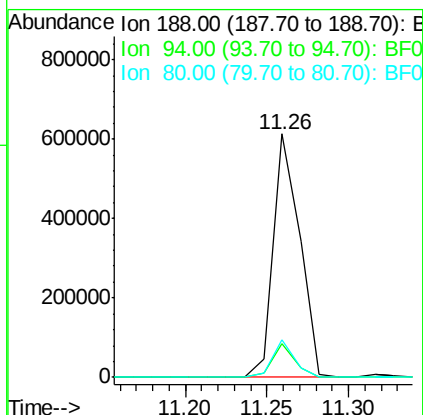
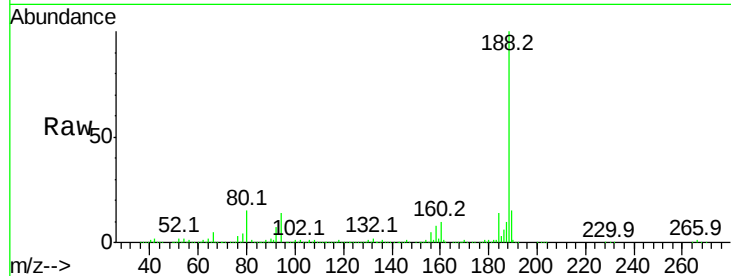
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	692614		
94	14.0		10.0	15.0
80	15.5		11.2	16.8

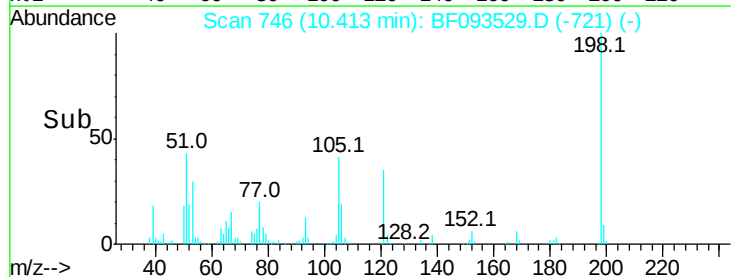
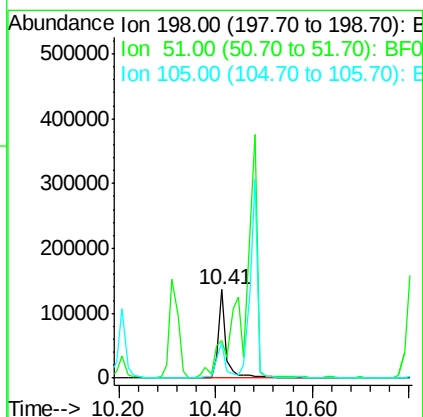
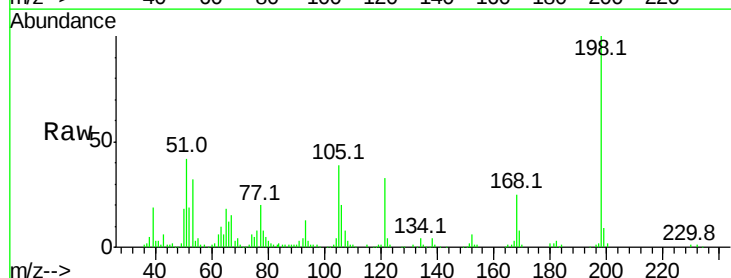
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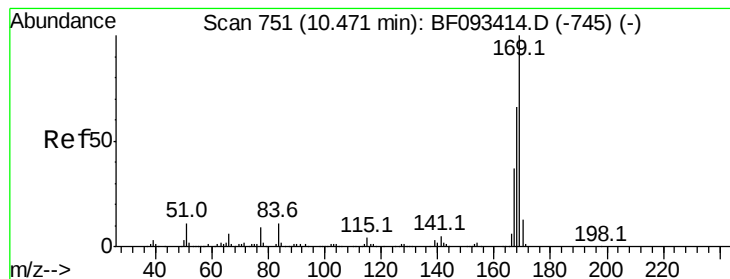
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.74 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	169375		
51	41.9		6.7	46.7
105	39.1		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 43.69 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampleId :

D-38MSD

Tot Ion:169 Resp: 1010347

Ion Ratio Lower Upper

169 100

168 68.9 54.2 81.2

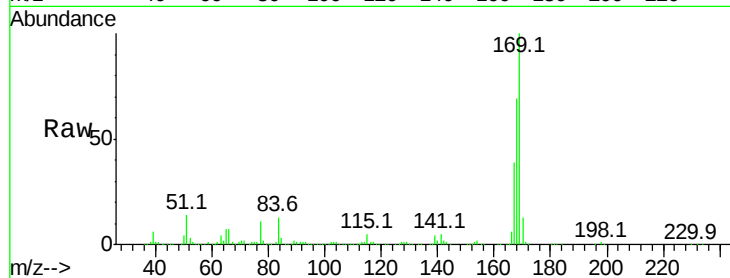
167 38.5 30.2 45.4

Manual Integrations

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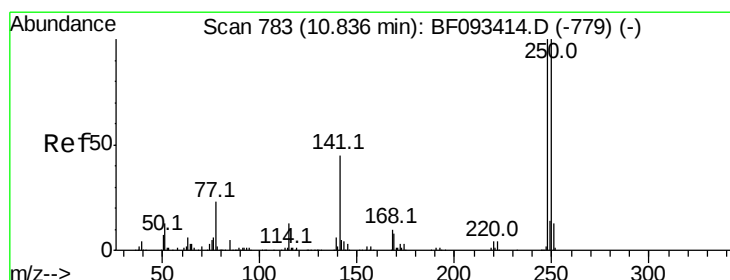
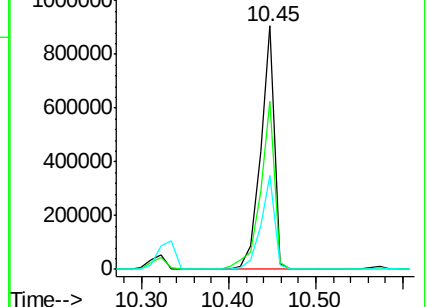
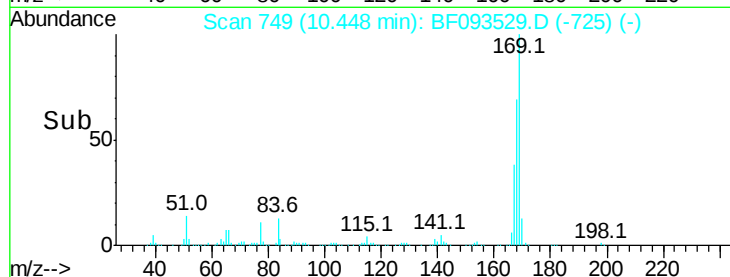
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.66 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

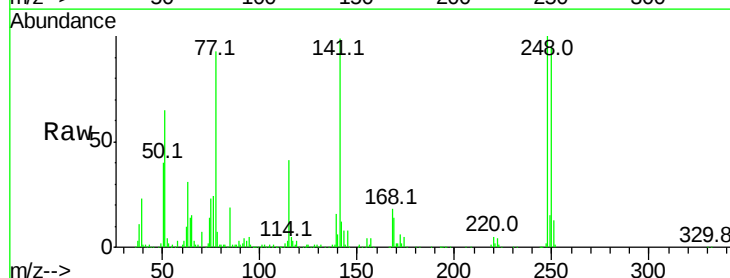
Tgt Ion:248 Resp: 305133

Ion Ratio Lower Upper

248 100

250 95.5 76.9 115.3

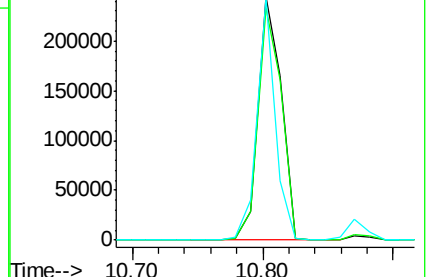
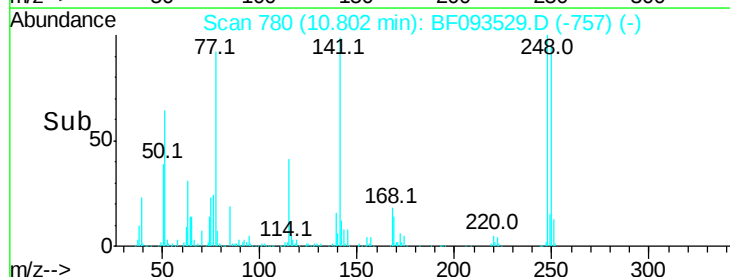
141 99.4 68.2 102.4

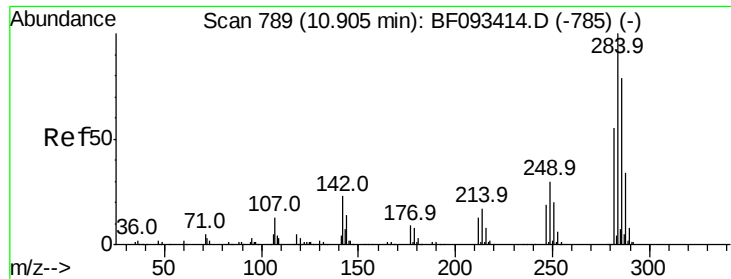


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.78 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

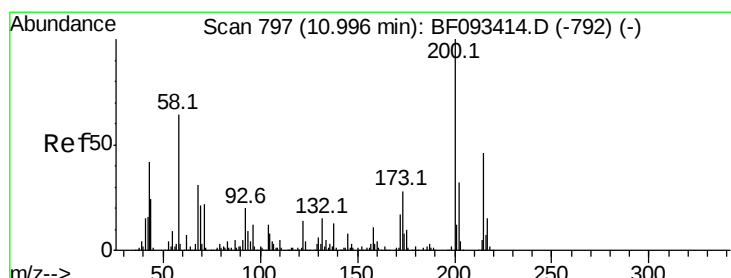
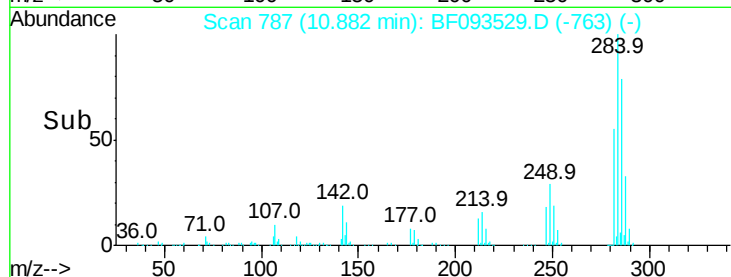
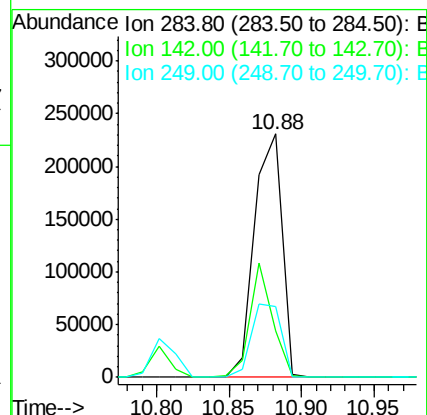
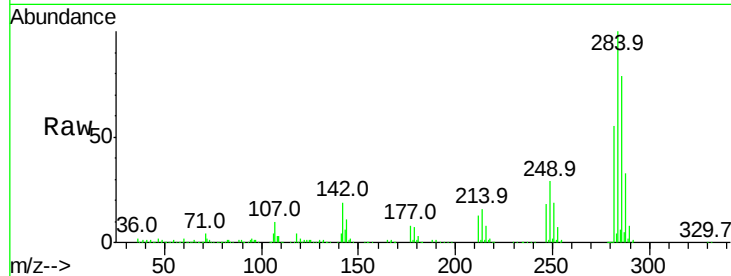
ClientSampleId :

D-38MSD

Tot Ion:	284	Resp:	306159
Ion Ratio		Lower	Upper
284	100		
142	19.0	22.6	33.8#
249	29.3	25.4	38.0

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#68

Atrazine

Concen: 33.68 ng

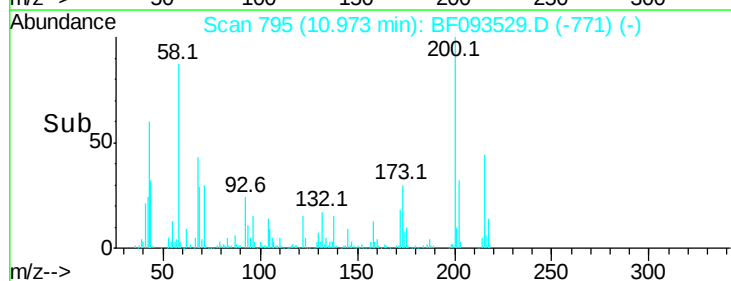
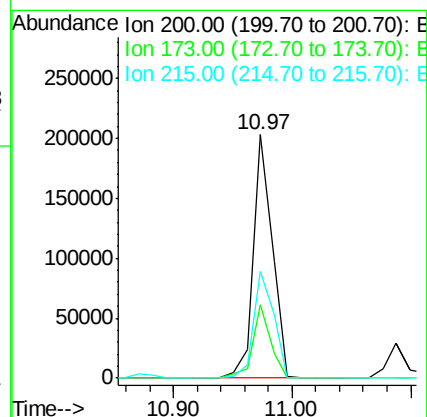
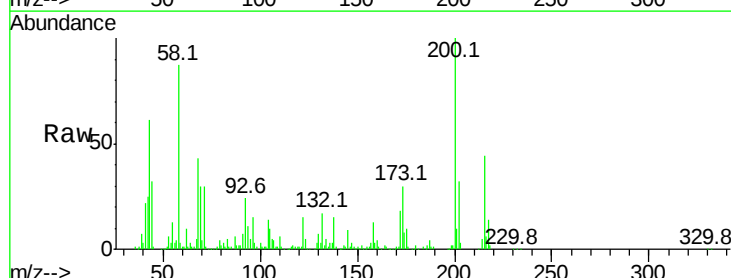
RT: 10.97 min Scan# 795

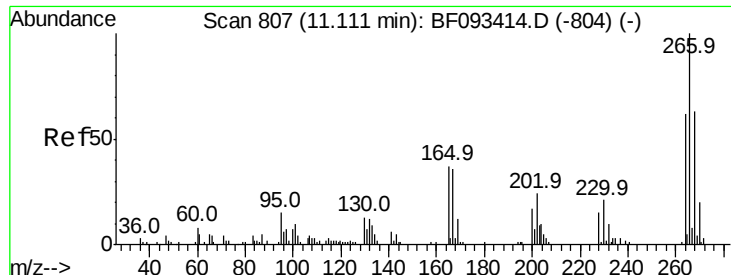
Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Tgt Ion:	200	Resp:	228010
Ion Ratio		Lower	Upper
200	100		
173	29.9	9.6	49.6
215	43.9	25.7	65.7





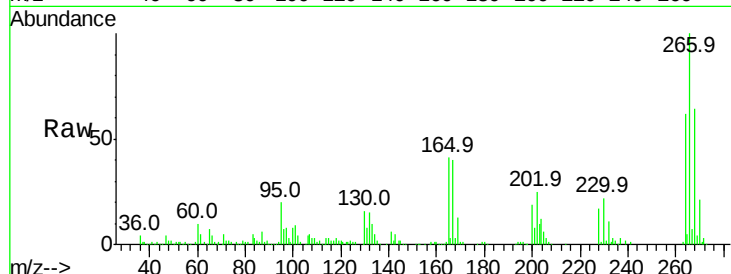
#69
 Pentachlorophenol
 Concen: 90.14 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :
 D-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	217656		
268	64.0		53.3	79.9
264	61.5		50.3	75.5

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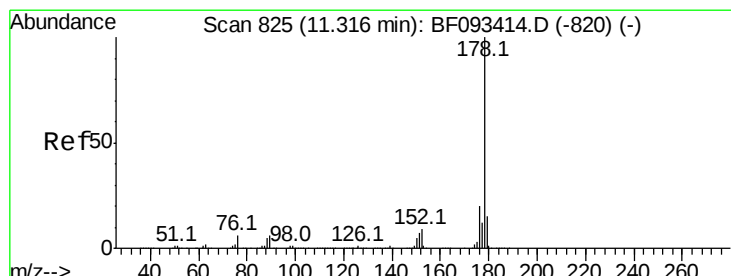
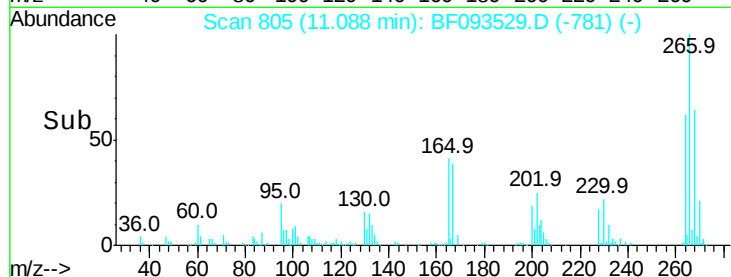
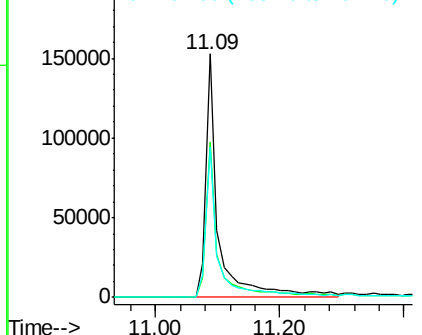


Abundance

Ion 265.70 (265.40 to 266.40): E

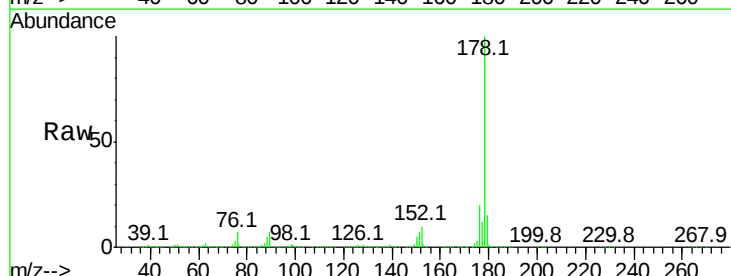
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 44.68 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1766552		
176	20.0		16.6	25.0
179	15.3		12.8	19.2

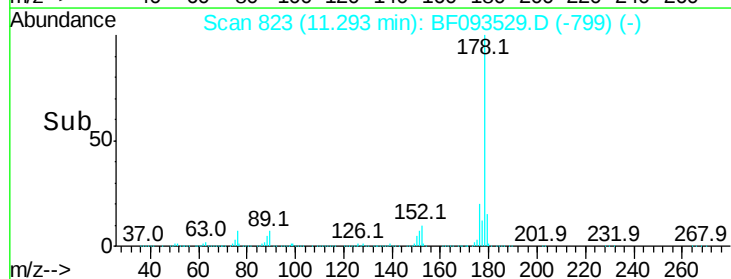
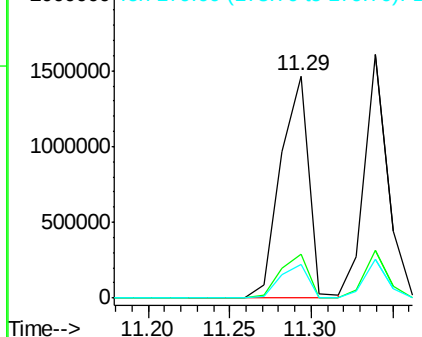


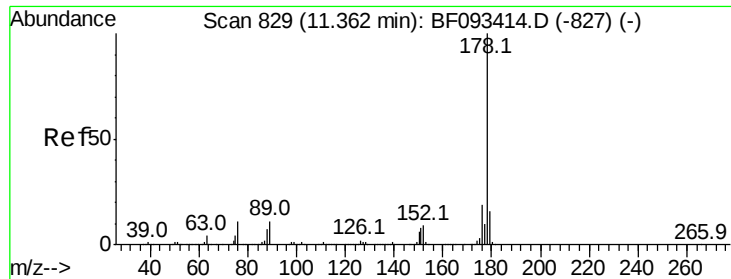
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





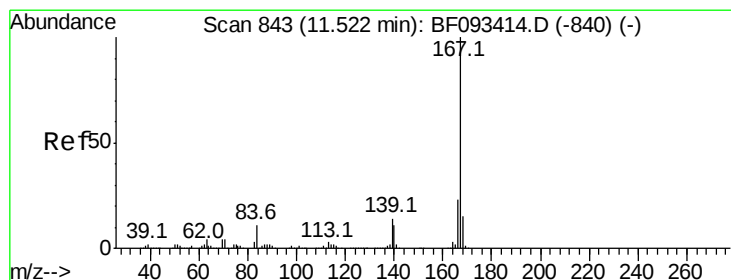
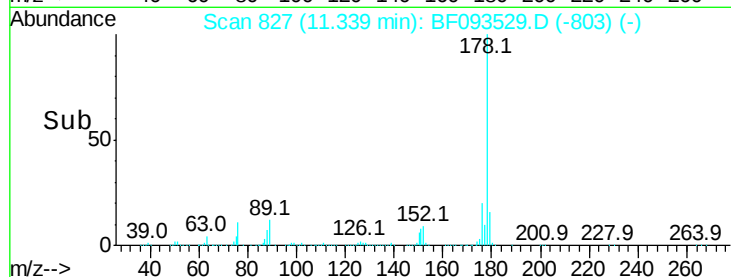
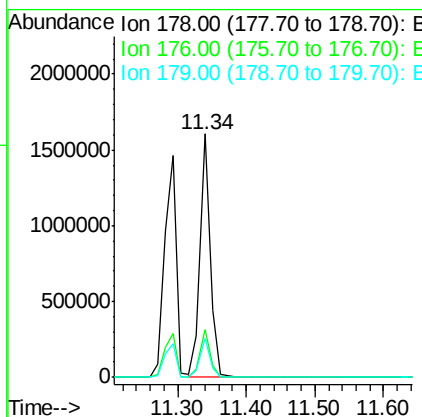
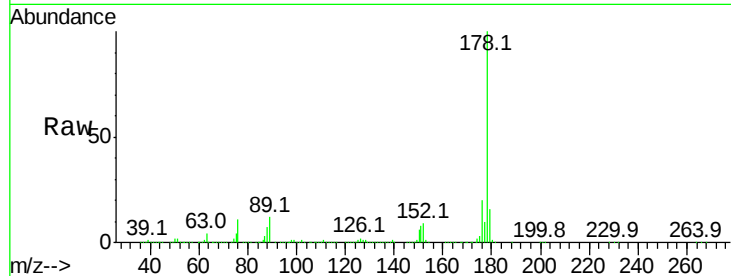
#71
 Anthracene
 Concen: 40.41 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :
 D-38MSD

Tot Ion:178 Resp: 1615941
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.8 13.2 19.8

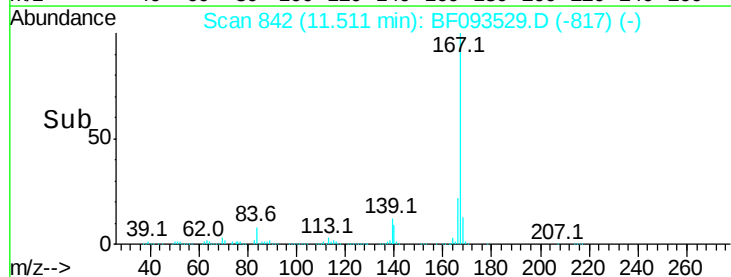
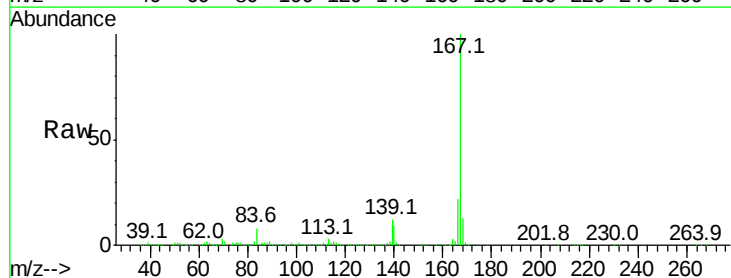
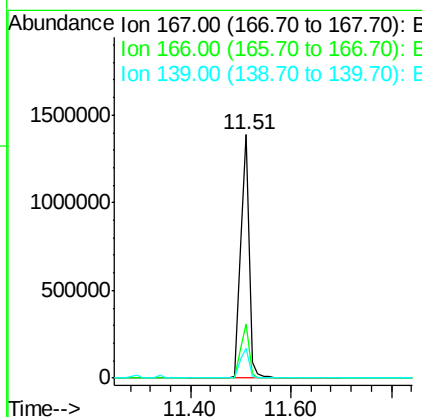
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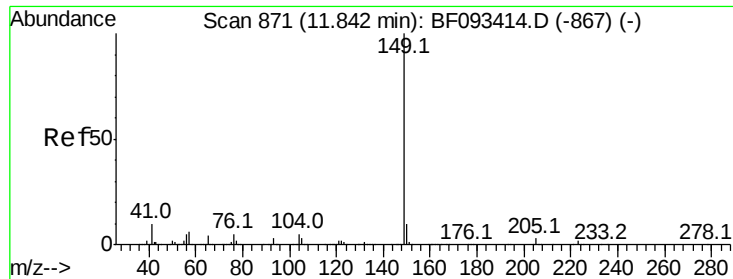
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#72
 Carbazole
 Concen: 42.85 ng
 RT: 11.51 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF093529.D
 Acq: 10 Mar 2017 18:33

Tgt Ion:167 Resp: 1609730
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.2 11.4 17.2





#73

Di-n-butylphthalate

Concen: 44.76 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

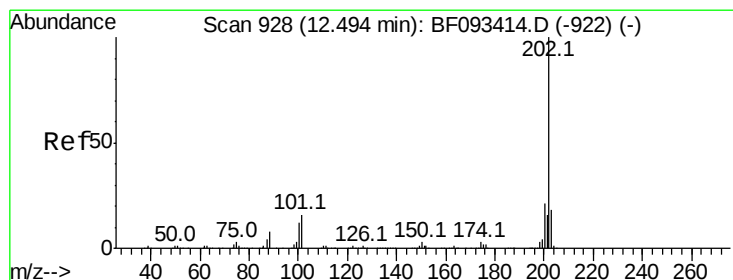
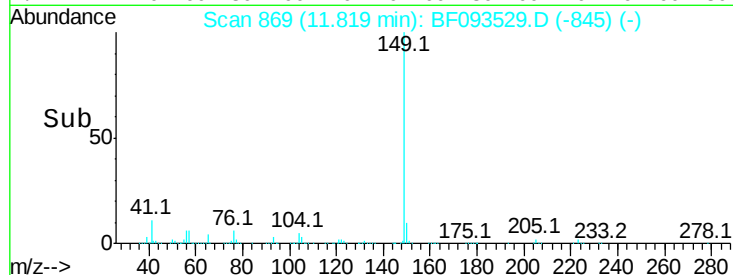
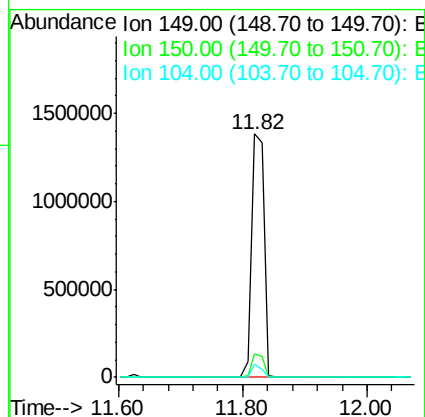
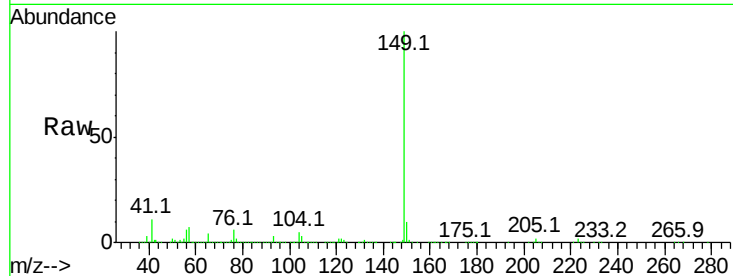
ClientSampleId :

D-38MSD

Tot Ion:	149	Resp:	1945434
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.1	12.1
104	5.3	4.6	7.0

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#74

Fluoranthene

Concen: 45.61 ng

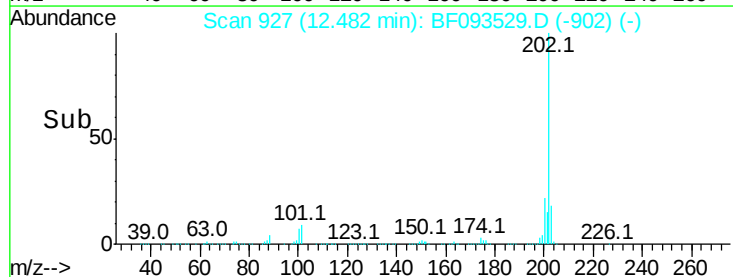
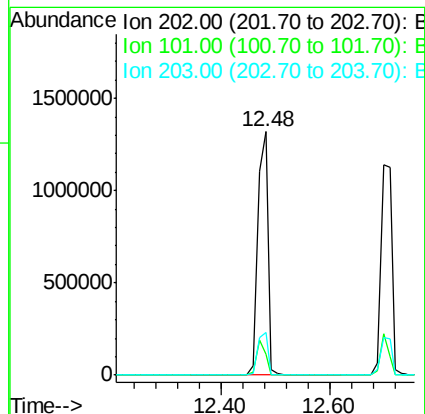
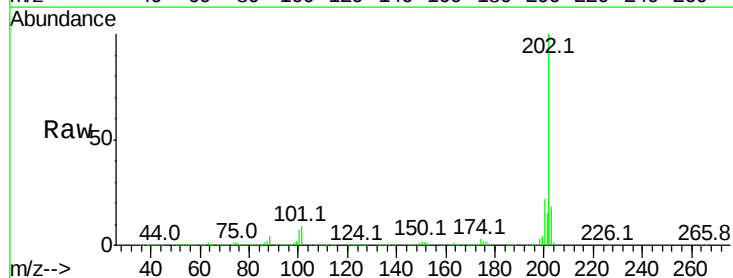
RT: 12.48 min Scan# 927

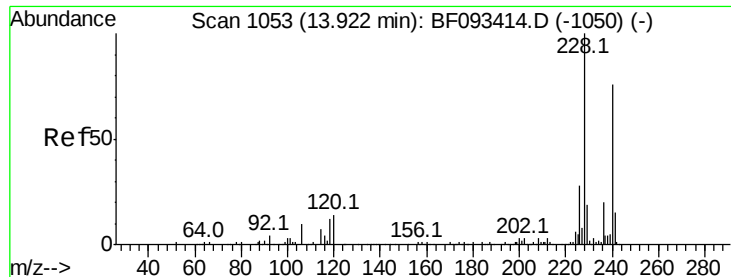
Delta R.T. -0.01 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Tgt Ion:	202	Resp:	1741751
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	34.6
203	17.5	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

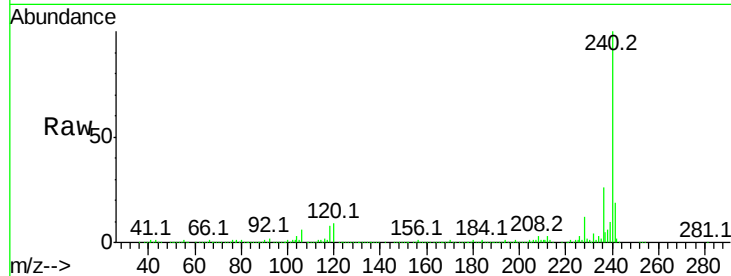
ClientSampleId :

D-38MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	12.9	19.3#
236	25.7	20.9	31.3

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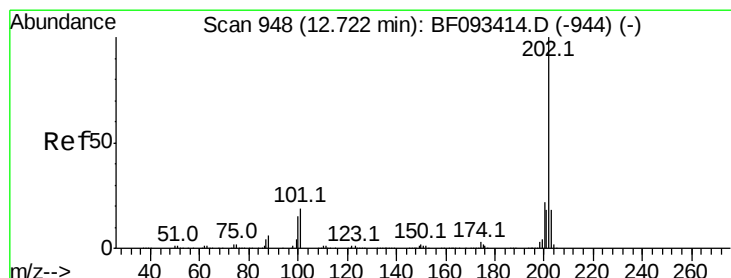
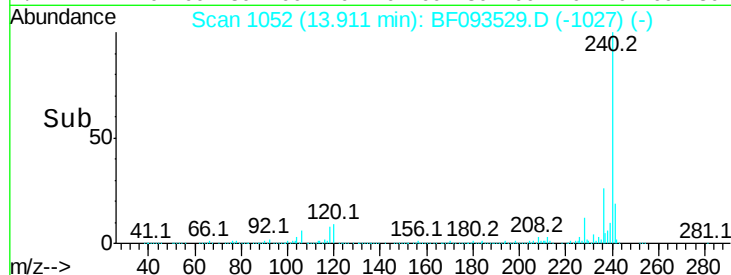
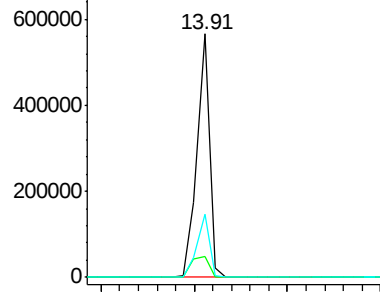
mohammad
3/13/2017 5:28:51 PM



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



#77

Pyrene

Concen: 42.25 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093529.D

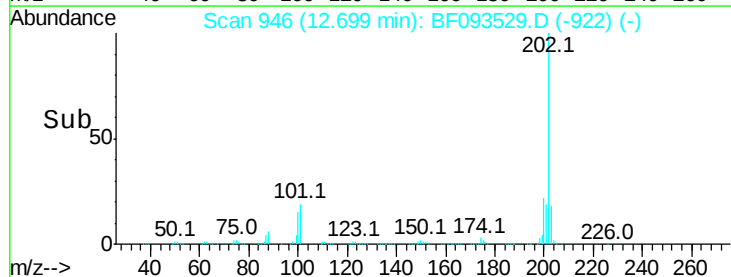
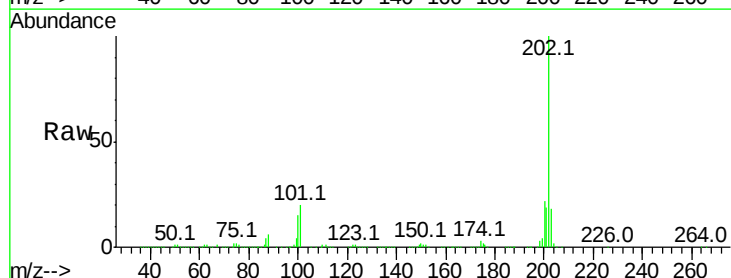
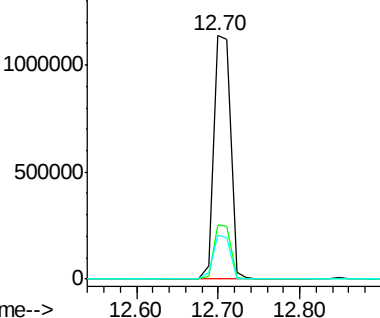
Acq: 10 Mar 2017 18:33

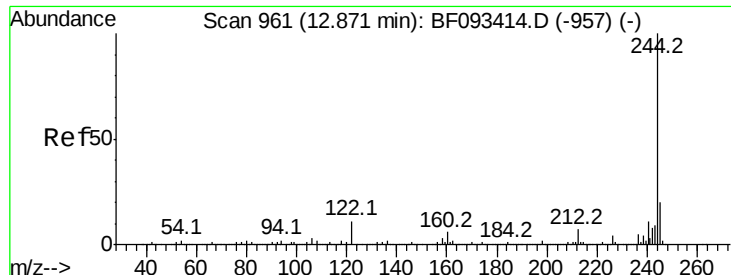
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.1	14.7	22.1

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.49 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampleId :

D-38MSD

Tot Ion:244 Resp: 1618683

Ion Ratio Lower Upper

244 100

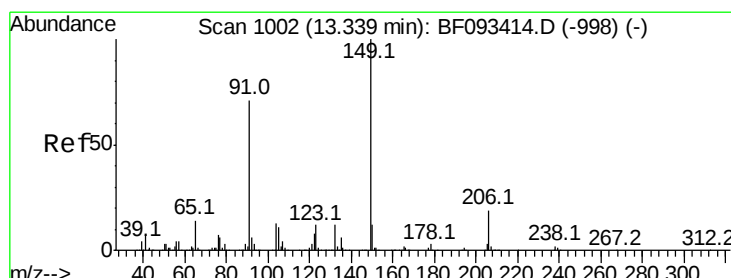
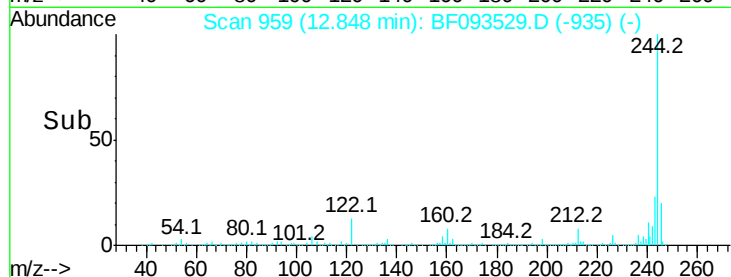
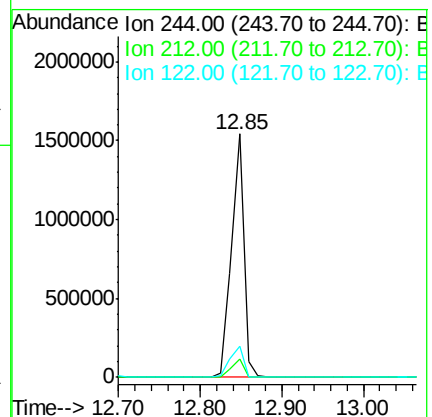
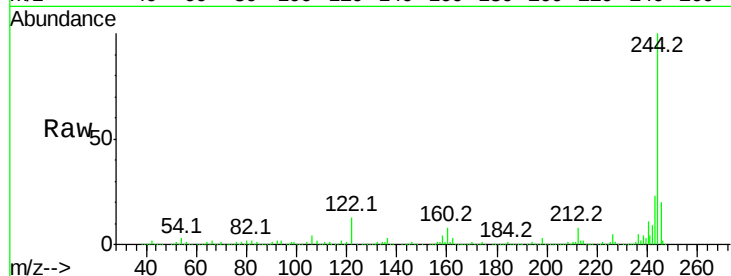
212 7.6 6.2 9.2

122 12.8 11.4 17.2

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 45.04 ng

RT: 13.32 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

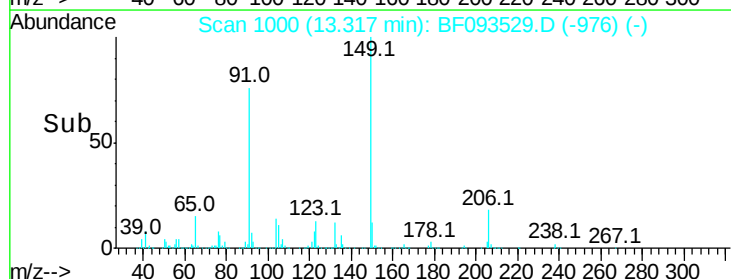
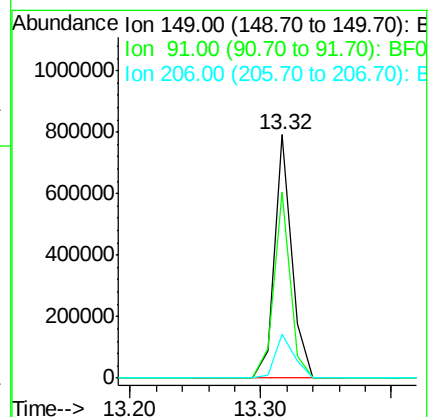
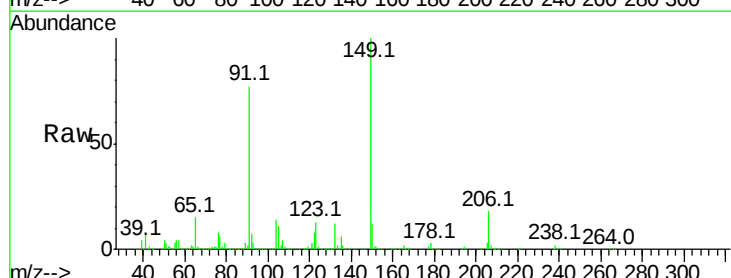
Tgt Ion:149 Resp: 730094

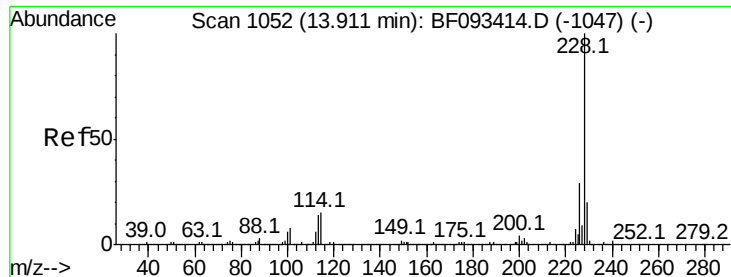
Ion Ratio Lower Upper

149 100

91 76.5 63.9 95.9

206 18.0 14.6 21.8





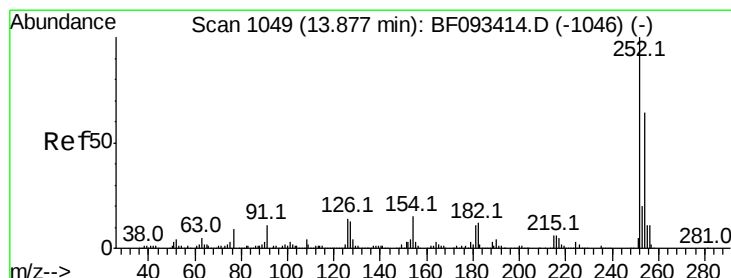
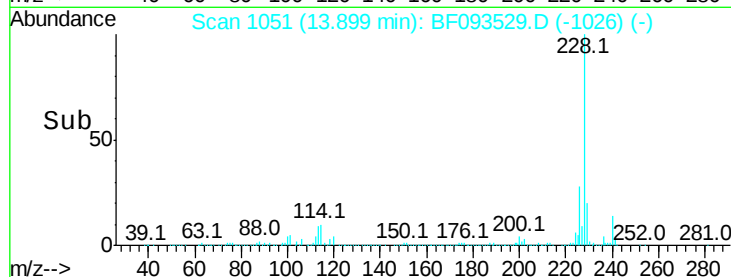
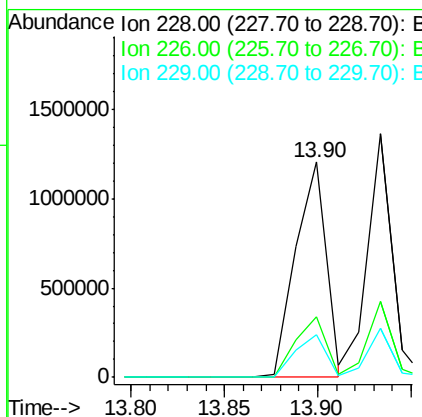
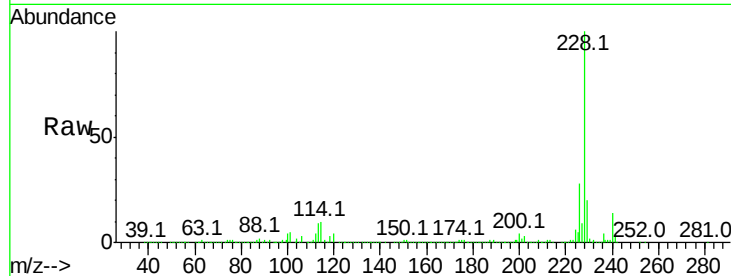
#80
Benzo(a)anthracene
Concen: 44.45 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	19.6	16.2	24.4

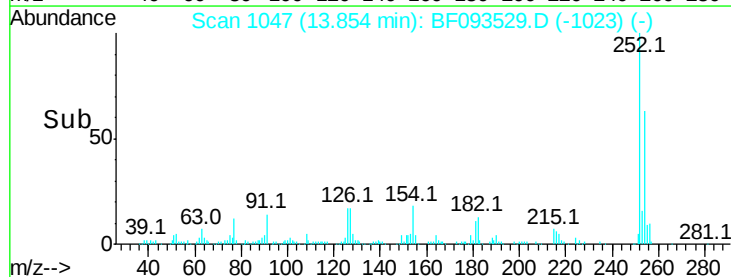
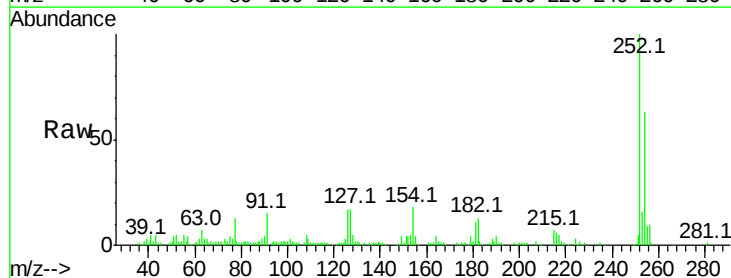
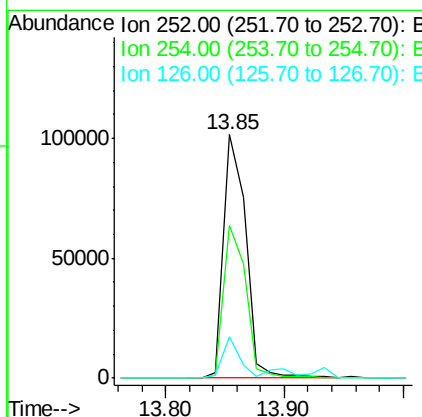
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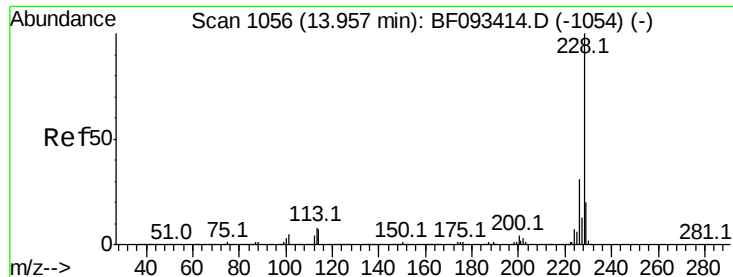
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 11.98 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.3	78.5
126	17.2	13.6	20.4





#82

Chrysene

Concen: 42.87 ng

RT: 13.93 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

Instrument :

BNA_F

ClientSampleId :

D-38MSD

Tot Ion:228 Resp: 1240166

Ion Ratio Lower Upper

228 100

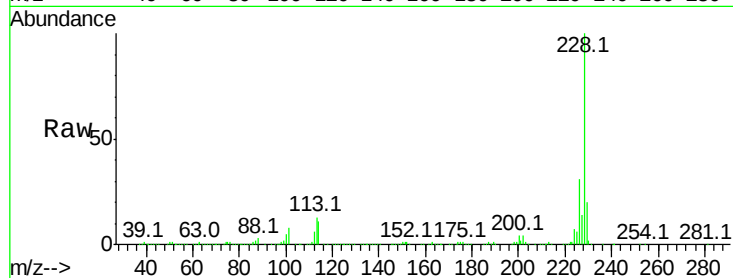
226 31.1 25.4 38.0

229 19.9 16.2 24.2

Manual Integrations
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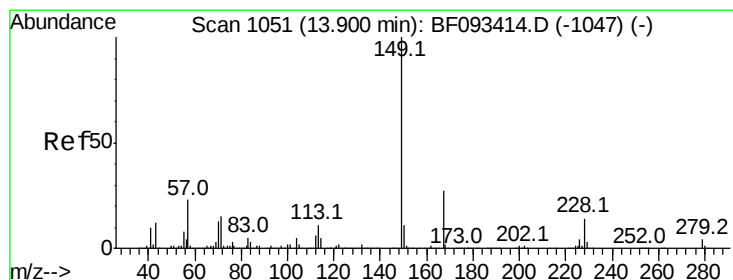
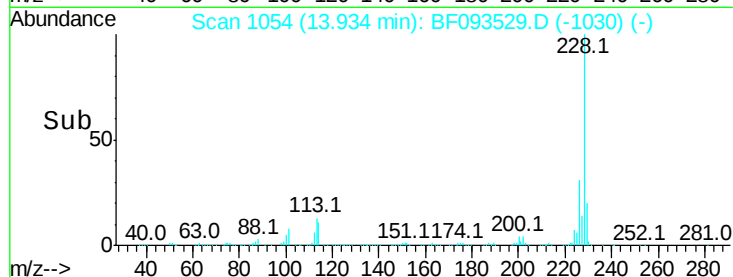
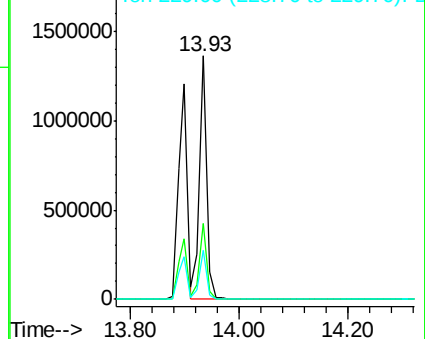
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.19 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093529.D

Acq: 10 Mar 2017 18:33

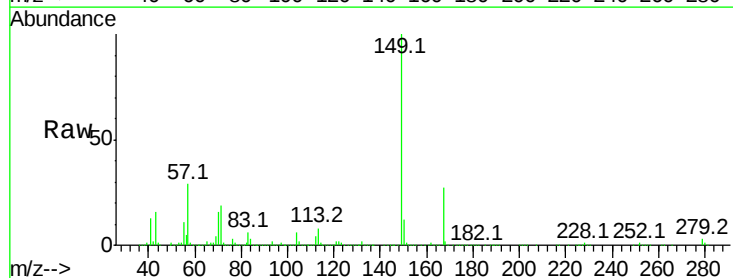
Tgt Ion:149 Resp: 1066134

Ion Ratio Lower Upper

149 100

167 26.9 20.2 30.4

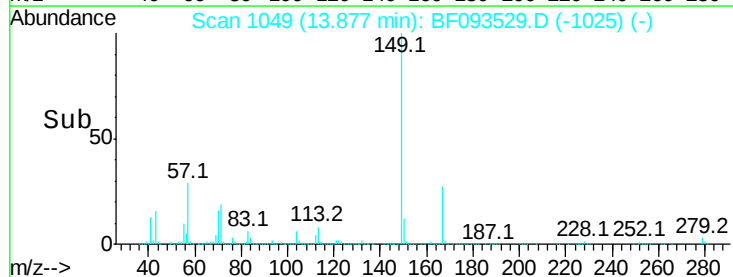
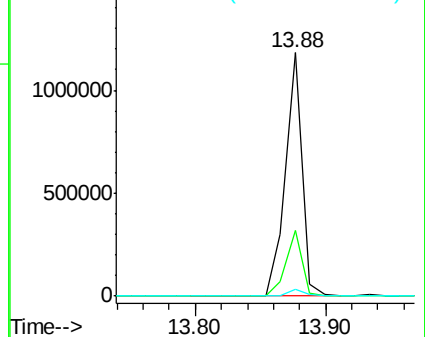
279 3.0 1.8 2.8#

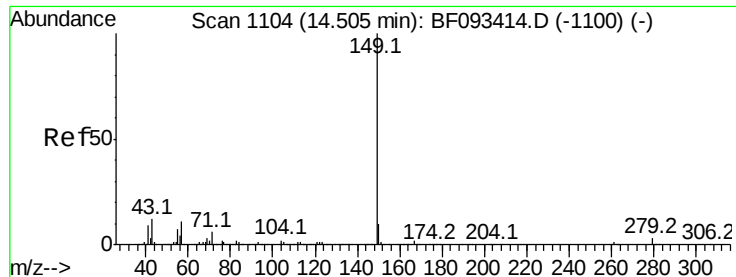


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





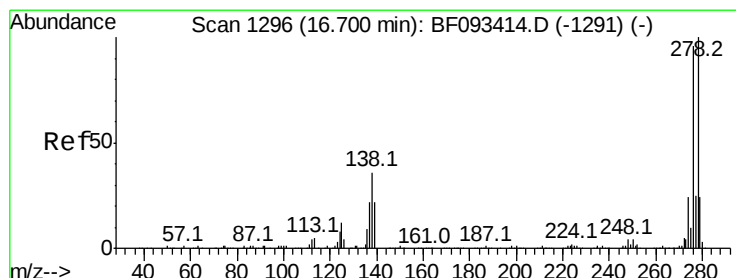
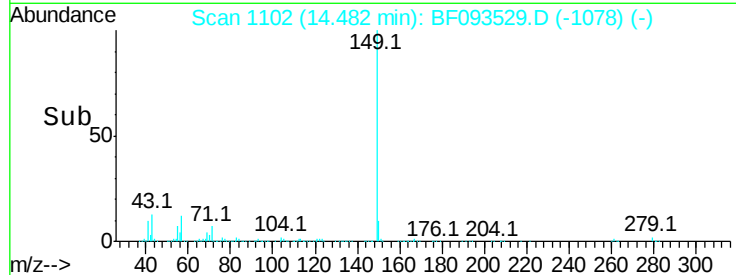
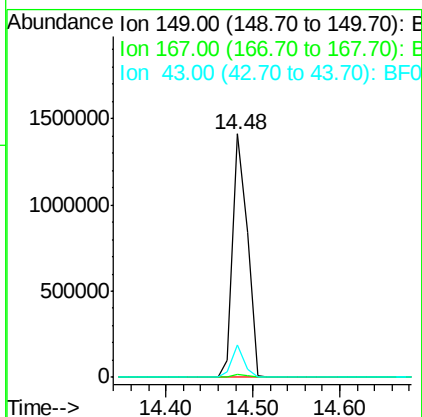
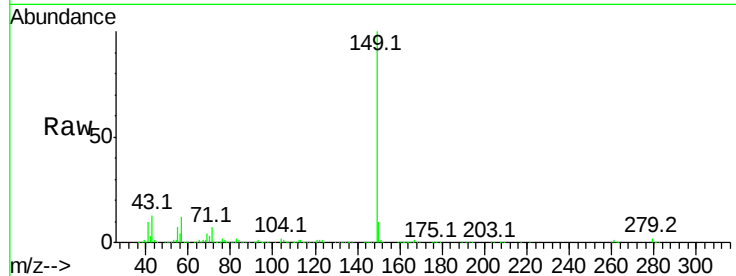
#84
Di-n-octyl phthalate
Concen: 43.25 ng
RT: 14.48 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion:149 Resp: 1628544
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 8.9 13.3

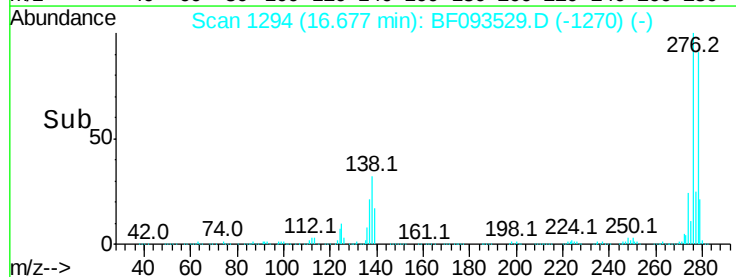
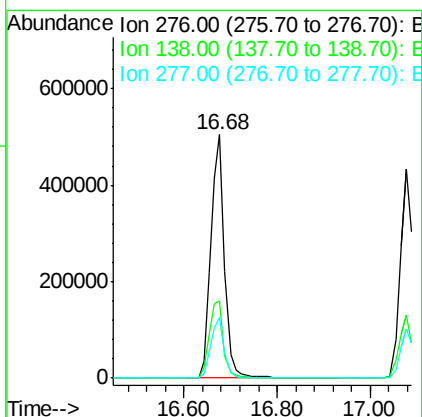
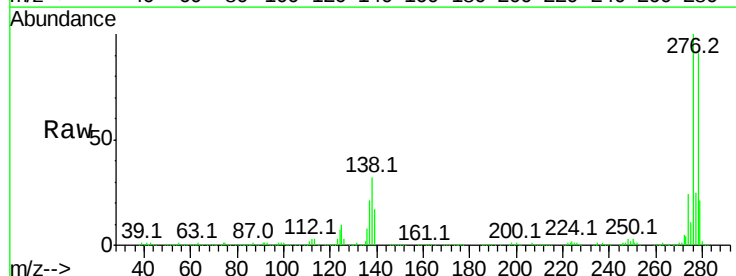
Manual Integrations
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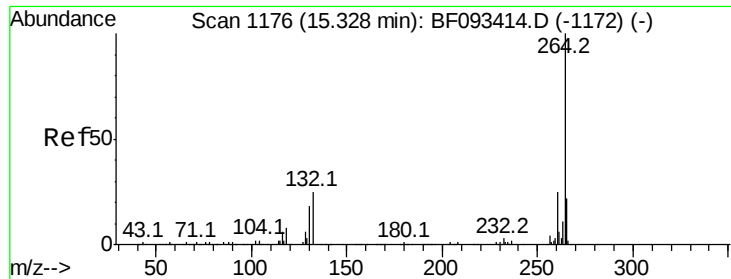
mohammad
3/13/2017 5:28:51 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.65 ng
RT: 16.68 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion:276 Resp: 1032633
Ion Ratio Lower Upper
276 100
138 33.8 21.8 32.6#
277 24.7 20.2 30.4





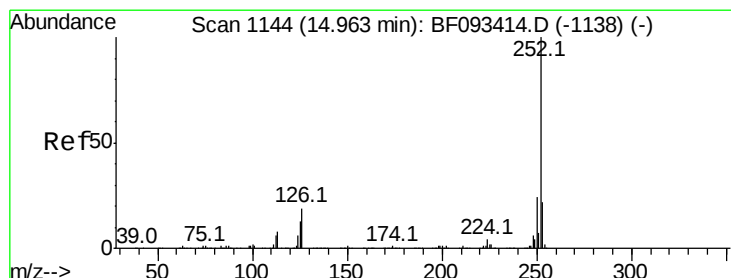
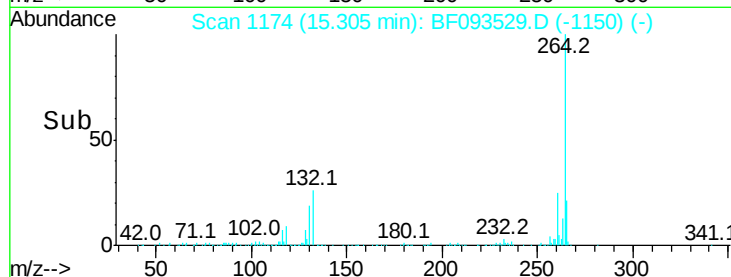
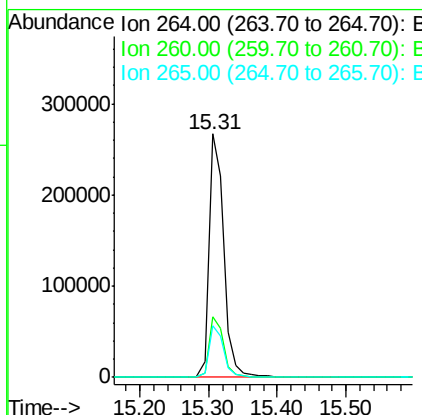
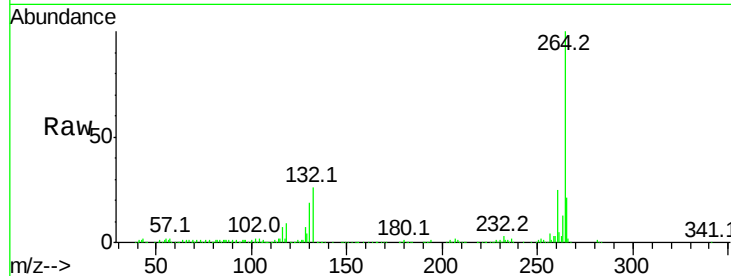
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.1	17.4	26.0

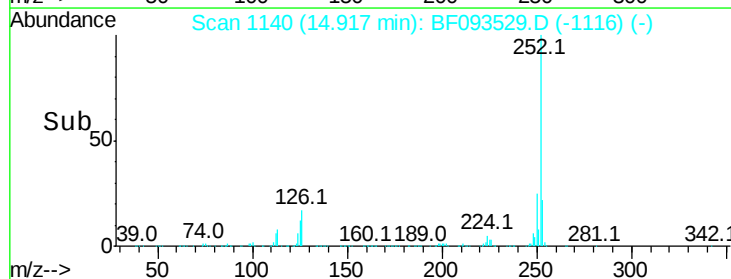
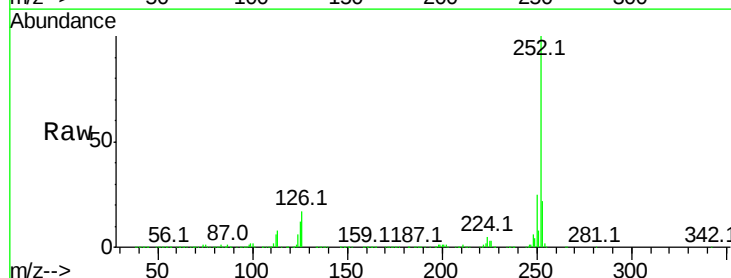
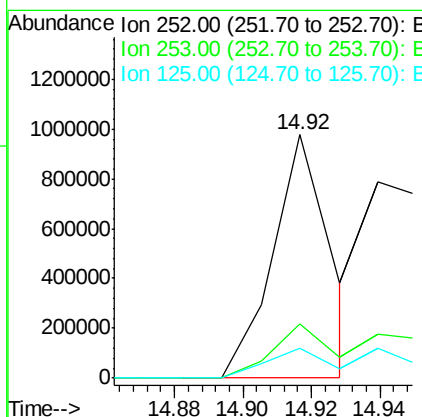
Manual Integrations
APPROVED

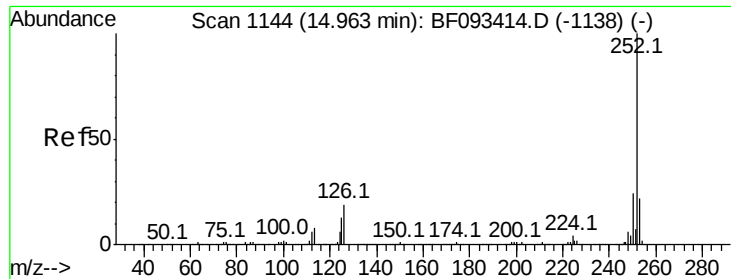
mohammad
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#87
Benzo(b)fluoranthene
Concen: 46.66 ng m
RT: 14.92 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.3	9.8	14.6





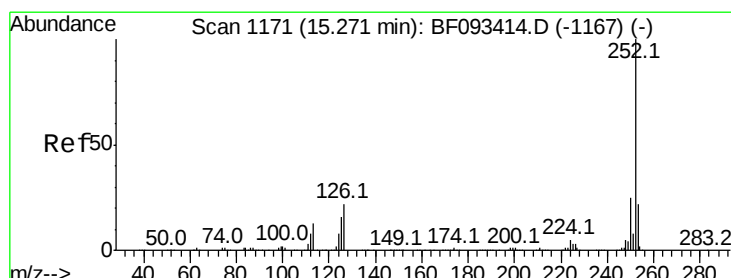
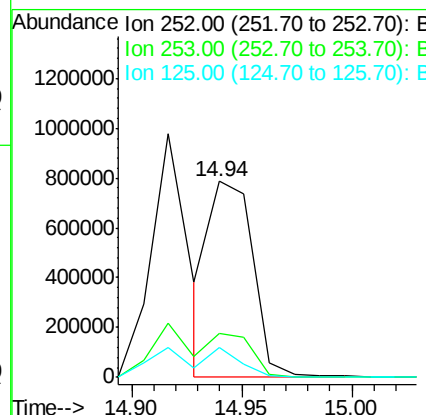
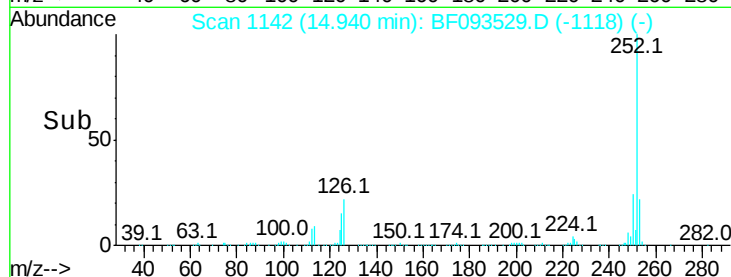
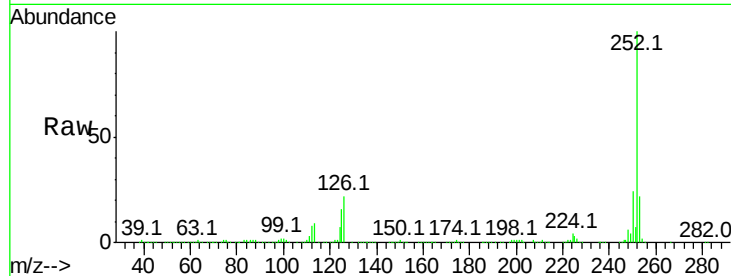
#88
Benzo(k)fluoranthene
Concen: 46.97 ng m
RT: 14.94 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion:252 Resp: 1102609
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 15.5 8.9 13.3#

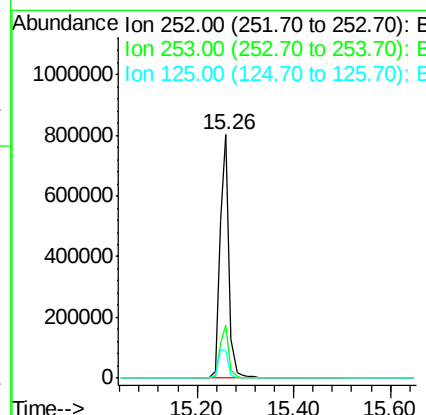
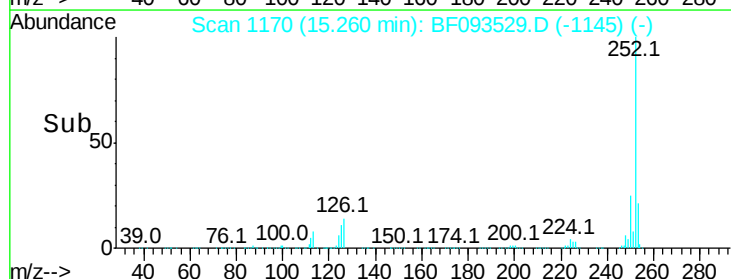
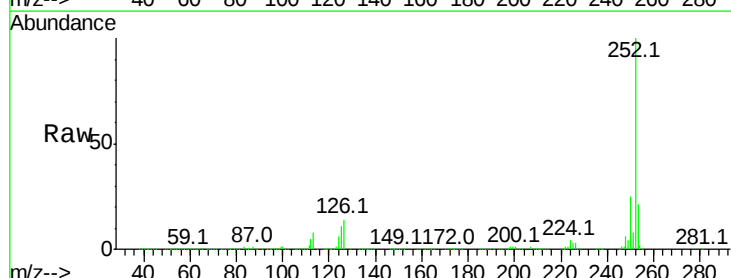
Manual Integrations
APPROVED

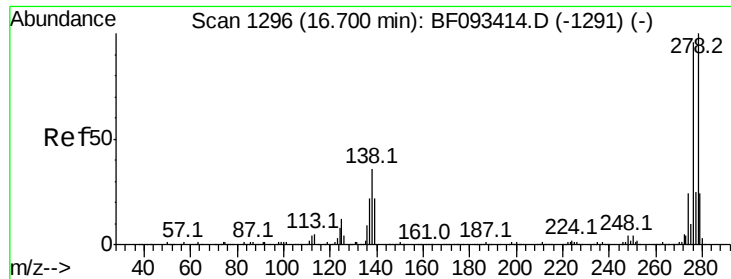
mohammad
3/13/2017 5:28:51 PM



#89
Benzo(a)pyrene
Concen: 46.94 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion:252 Resp: 1044231
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 11.1 10.0 15.0





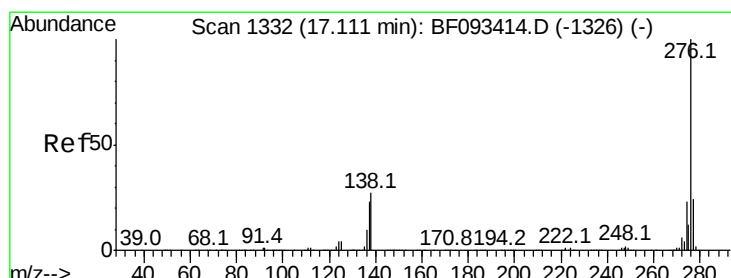
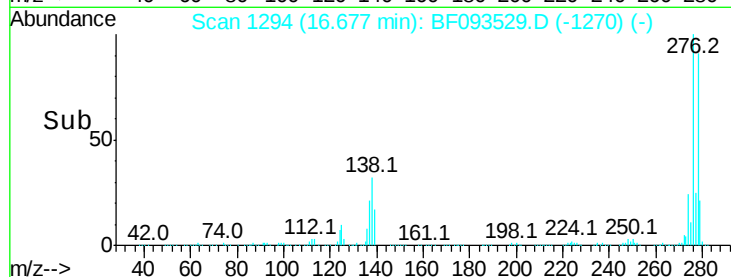
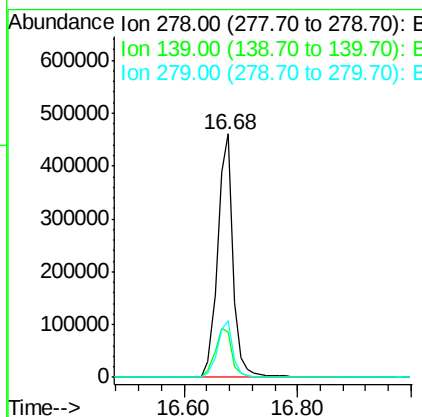
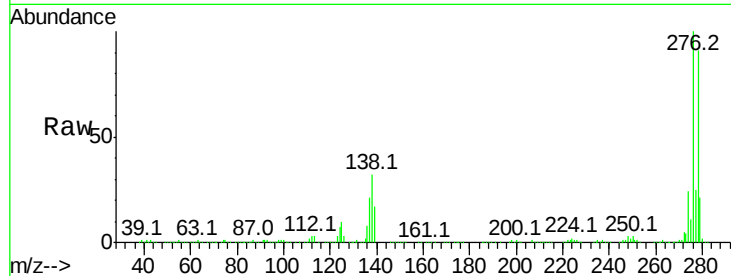
#90
Dibenzo(a,h)anthracene
Concen: 47.17 ng
RT: 16.68 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Instrument :
BNA_F
ClientSampleId :
D-38MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.8	22.2
279	23.1	19.8	29.6

Manual Integrations
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mohammad
3/13/2017 5:28:51 PM



#91
Benzo(g,h,i)perylene
Concen: 48.16 ng
RT: 17.08 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF093529.D
Acq: 10 Mar 2017 18:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	30.5	16.0	24.0

