

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093545.D
 Acq On : 11 Mar 2017 2:10
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:29:11 PM

Quant Time: Mar 11 03:46:21 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	173350	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	676100	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	332247	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	585949	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	448467	20.00	ng	-0.01
86) Perylene-d12	15.31	264	367411	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	937129	89.97	ng	-0.01
7) Phenol-d6	6.41	99	1073682	81.75	ng	0.00
23) Nitrobenzene-d5	7.32	82	980493	80.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	184486	85.23	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1431287	80.13	ng	-0.03
78) Terphenyl-d14	12.85	244	1564901	90.72	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	241976	42.18	ng	# 84
3) Pyridine	2.90	79	623579	42.63	ng	89
4) n-Nitrosodimethylamine	2.88	42	293366	41.99	ng	84
6) Aniline	6.41	93	688471	38.19	ng	# 59
8) 2-Chlorophenol	6.54	128	463990	39.76	ng	99
9) Benzaldehyde	6.30	77	309483	37.58	ng	98
10) Phenol	6.42	94	670320	41.65	ng	78
11) bis(2-Chloroethyl)ether	6.48	93	518842	39.89	ng	91
12) 1,3-Dichlorobenzene	6.68	146	537605m	40.25	ng	
13) 1,4-Dichlorobenzene	6.76	146	547183	40.01	ng	99
14) 1,2-Dichlorobenzene	6.92	146	479776	39.62	ng	96
15) Benzyl Alcohol	6.90	79	367170	39.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	912970	42.25	ng	99
17) 2-Methylphenol	7.03	107	386541	39.16	ng	# 92
18) Hexachloroethane	7.25	117	195097	42.30	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	371589	41.15	ng	95
20) 3+4-Methylphenols	7.19	107	558199	43.60	ng	# 73
22) Acetophenone	7.17	105	677760	41.66	ng	# 93
24) Nitrobenzene	7.34	77	613169	44.77	ng	97
25) Isophorone	7.58	82	1016383	41.36	ng	99
26) 2-Nitrophenol	7.66	139	249258	39.89	ng	87
27) 2,4-Dimethylphenol	7.70	122	410528	40.39	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	608306	39.21	ng	98
29) 2,4-Dichlorophenol	7.91	162	410051	42.88	ng	92
30) 1,2,4-Trichlorobenzene	7.98	180	409688	40.29	ng	99
31) Naphthalene	8.05	128	1315673	38.83	ng	99
32) Benzoic acid	7.85	122	162587	30.78	ng	97
33) 4-Chloroaniline	8.12	127	548761	39.91	ng	99
34) Hexachlorobutadiene	8.16	225	219710	41.94	ng	99
35) Caprolactam	8.49	113	136419	41.77	ng	# 48
36) 4-Chloro-3-methylphenol	8.62	107	400160	39.21	ng	90
37) 2-Methylnaphthalene	8.74	142	873324	40.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	378671	41.74	ng	99
40) Hexachlorocyclopentadiene	8.88	237	91683	46.08	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSTDC040

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	249612	44.04	nq	92
43) 2,4,5-Trichlorophenol	9.09	196	253269	41.64	nq #	87
45) 1,1'-Biphenyl	9.20	154	1014383	41.91	nq	97
46) 2-Chloronaphthalene	9.22	162	801985	43.29	nq	94
47) 2-Nitroaniline	9.34	65	296549	45.28	nq	89
48) Acenaphthylene	9.64	152	1249833	40.90	nq	99
49) Dimethylphthalate	9.51	163	938489	42.61	nq	99
50) 2,6-Dinitrotoluene	9.58	165	187057	38.70	nq #	45
51) Acenaphthene	9.81	154	715466	39.60	nq	95
52) 3-Nitroaniline	9.76	138	254042	43.75	nq	80
53) 2,4-Dinitrophenol	9.91	184	10442	4.74	nq #	74
54) Dibenzofuran	9.98	168	1031147	45.60	nq	95
55) 4-Nitrophenol	9.97	139	43405m	15.39	nq	
56) 2,4-Dinitrotoluene	9.99	165	266037	44.80	nq #	78
57) Fluorene	10.32	166	824619	43.03	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	190931	44.48	nq	95
59) Diethylphthalate	10.21	149	935479	44.44	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	404917	47.14	nq #	76
61) 4-Nitroaniline	10.38	138	251320	42.32	nq	86
62) Azobenzene	10.48	77	1123267	46.96	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	94976	25.02	nq	83
65) n-Nitrosodiphenylamine	10.45	169	760652	38.88	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	232698	37.56	nq	91
67) Hexachlorobenzene	10.88	284	227751	38.49	nq #	90
68) Atrazine	10.97	200	229534	40.08	nq	99
69) Pentachlorophenol	11.09	266	110888	54.28	nq	97
70) Phenanthrene	11.29	178	1281272	38.31	nq	98
71) Anthracene	11.34	178	1311902	38.78	nq	99
72) Carbazole	11.50	167	1277239	40.19	nq	99
73) Di-n-butylphthalate	11.82	149	1395586	37.95	nq	99
74) Fluoranthene	12.47	202	1287096	39.84	nq	95
76) Benzidine	12.61	184	367762	24.94	nq	97
77) Pyrene	12.70	202	1307195	40.08	nq	99
79) Butylbenzylphthalate	13.32	149	603408	43.95	nq	97
80) Benzo(a)anthracene	13.90	228	1077373	40.68	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	359866	38.80	nq	97
82) Chrysene	13.93	228	1107559	45.20	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	863802	45.14	nq #	97
84) Di-n-octyl phthalate	14.48	149	1283875	40.25	nq	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	804940	39.24	nq #	93
87) Benzo(b)fluoranthene	14.92	252	945221m	42.24	nq	
88) Benzo(k)fluoranthene	14.94	252	843414m	39.08	nq	
89) Benzo(a)pyrene	15.26	252	832209	40.69	nq #	96
90) Dibenzo(a,h)anthracene	16.67	278	689278	40.74	nq #	95
91) Benzo(g,h,i)perylene	17.08	276	722335	41.60	nq #	92

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

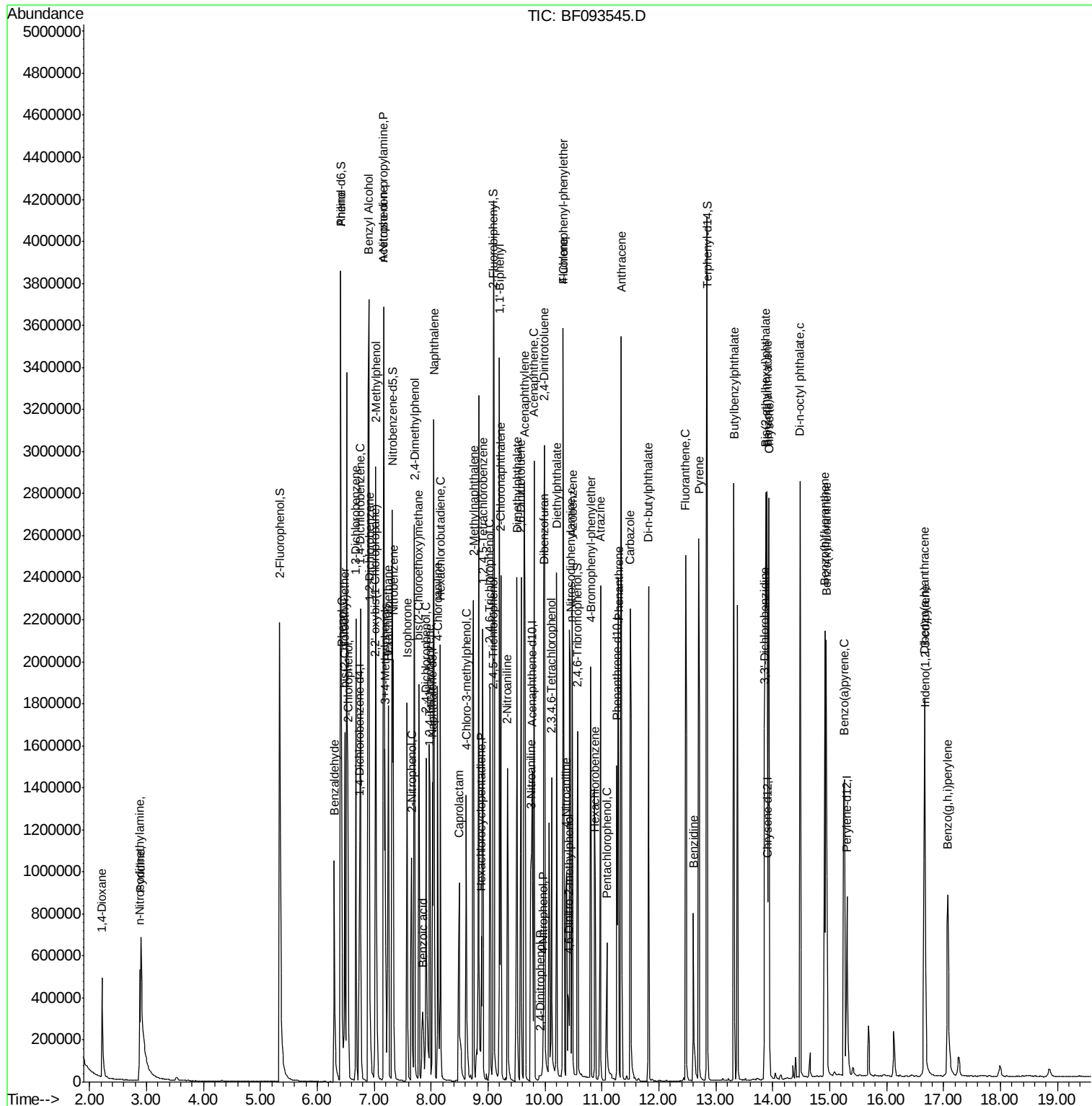
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
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 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
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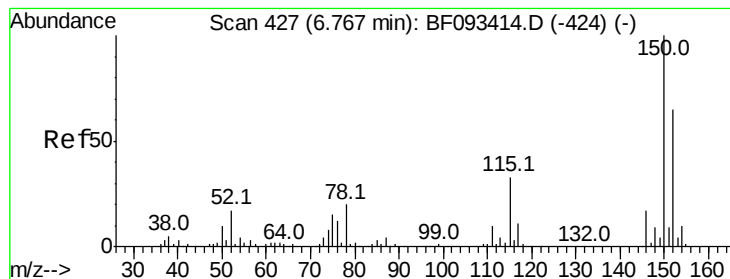
Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

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#1

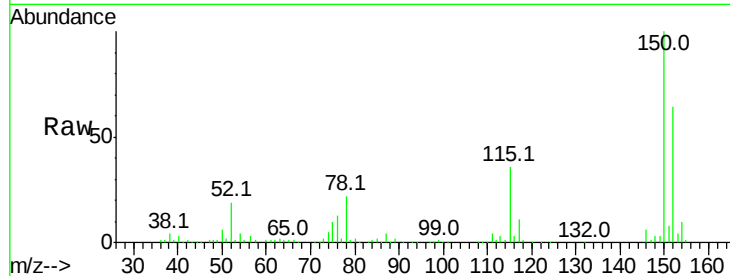
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

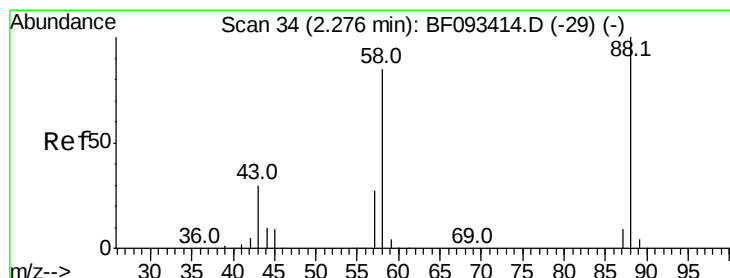
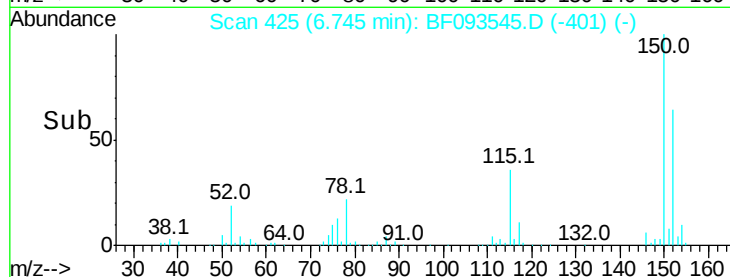
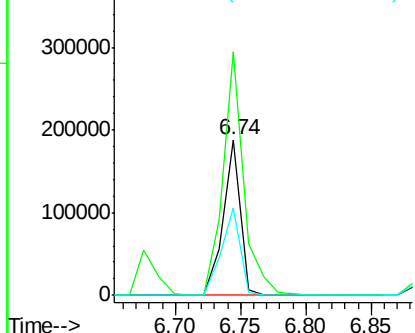
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.9	187.3
115	55.8	46.0	69.0

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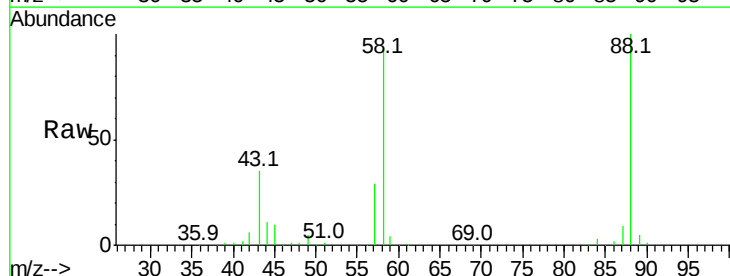
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



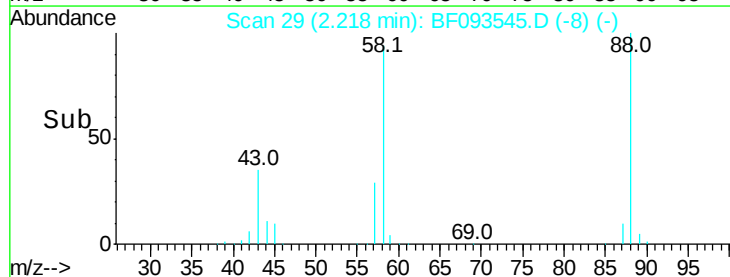
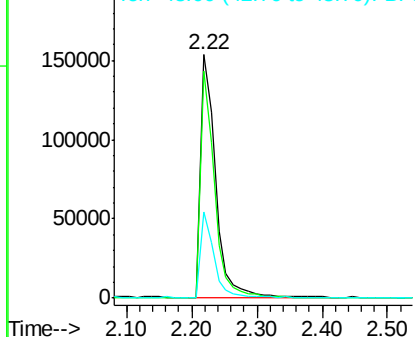
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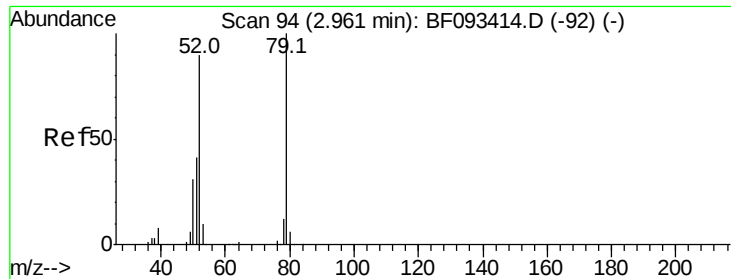
1,4-Dioxane
Concen: 42.18 ng
RT: 2.22 min Scan# 29
Delta R.T. -0.06 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	57.8	86.8#
43	31.8	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





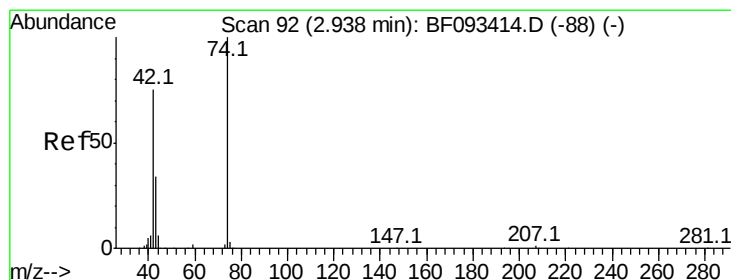
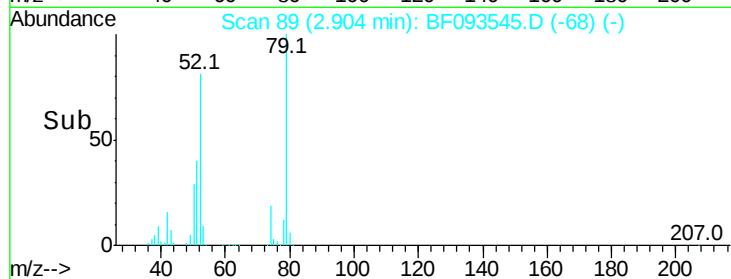
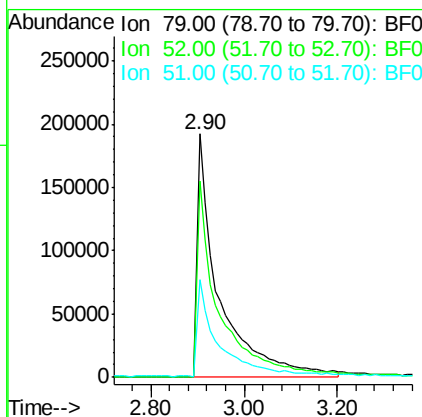
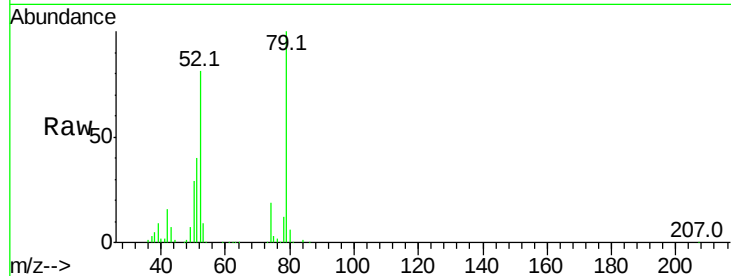
#3
 Pvridine
 Concen: 42.63 ng
 RT: 2.90 min Scan# 89
 Delta R.T. -0.06 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.6	57.1	85.7
51	40.3	27.3	40.9

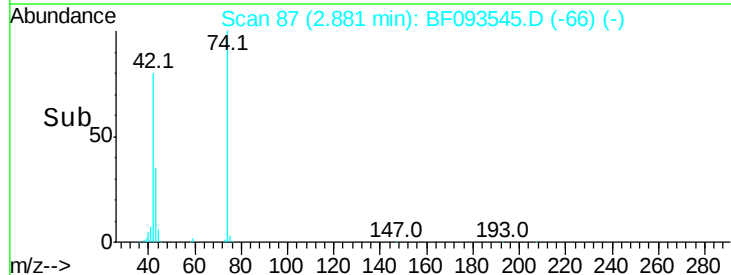
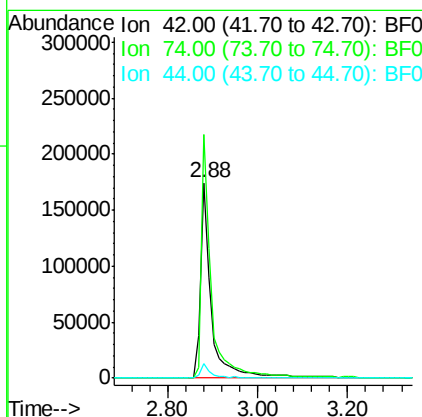
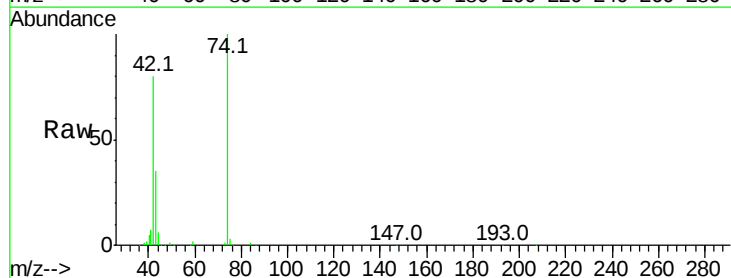
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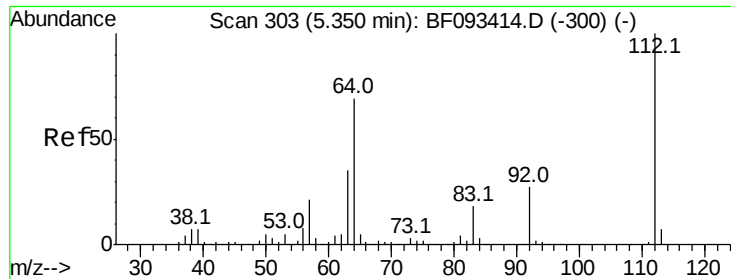
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#4
 n-Nitrosodimethylamine
 Concen: 41.99 ng
 RT: 2.88 min Scan# 87
 Delta R.T. -0.06 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.8	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 89.97 ng

RT: 5.34 min Scan# 302

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

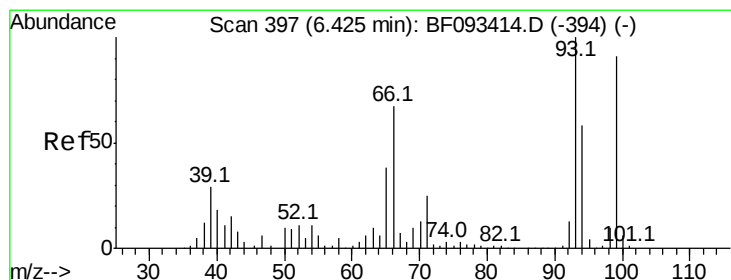
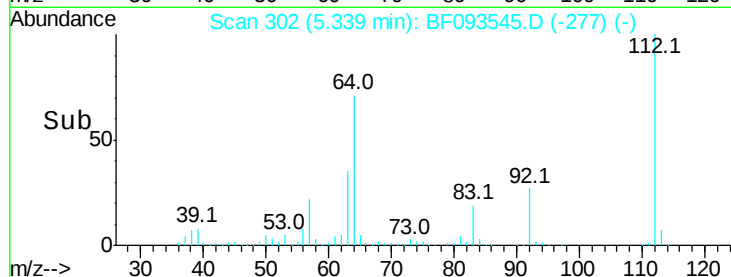
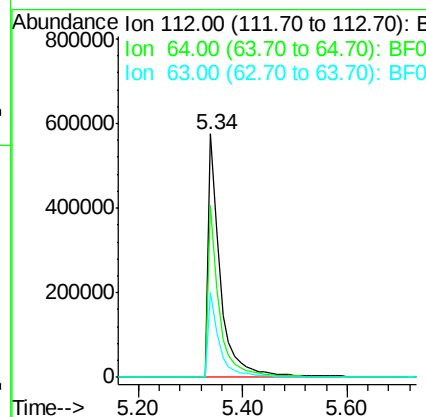
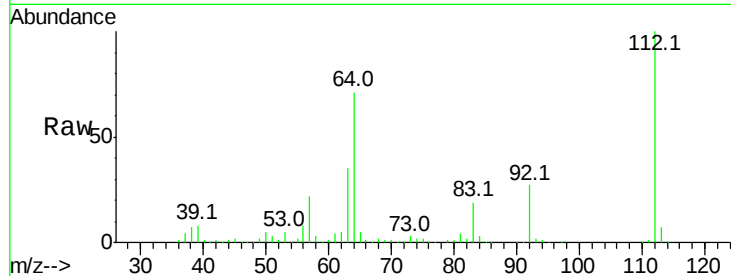
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	937129
Ion Ratio	Lower	Upper	
112	100		
64	70.5	46.1	69.1#
63	34.9	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 38.19 ng

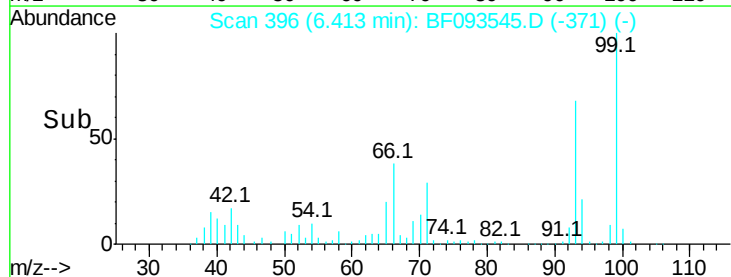
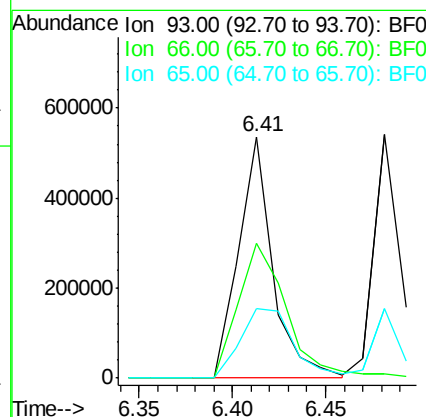
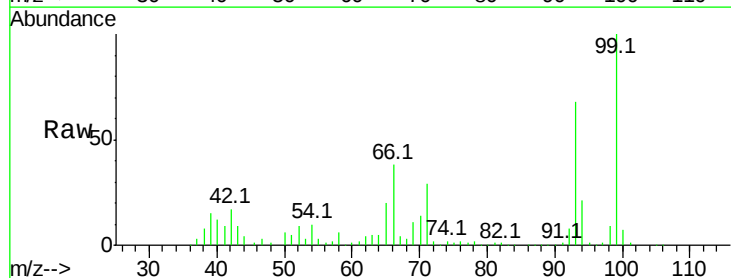
RT: 6.41 min Scan# 396

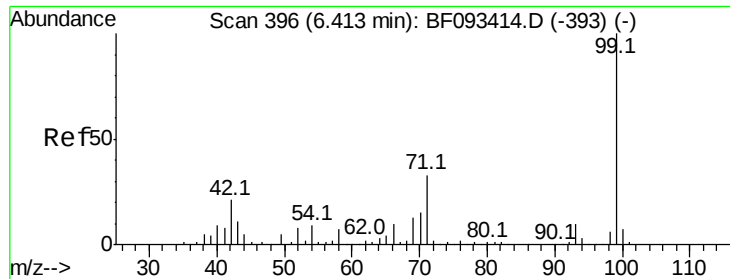
Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Tgt Ion:	93	Resp:	688471
Ion Ratio	Lower	Upper	
93	100		
66	56.0	76.2	114.2#
65	28.7	49.3	73.9#





#7

Phenol-d6

Concen: 81.75 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1073682

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

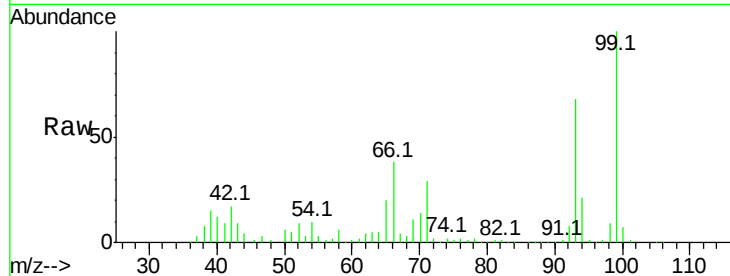
71 29.2 27.5 41.3

Manual Integrations

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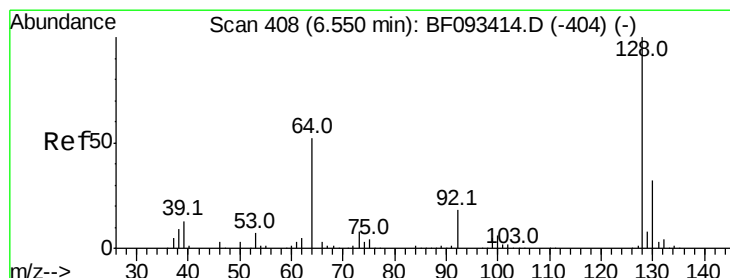
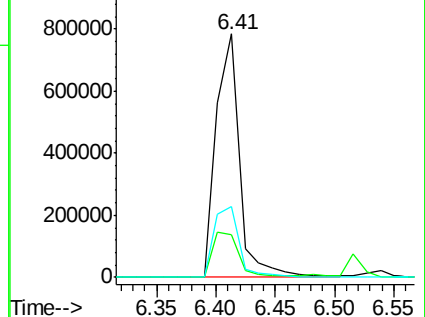
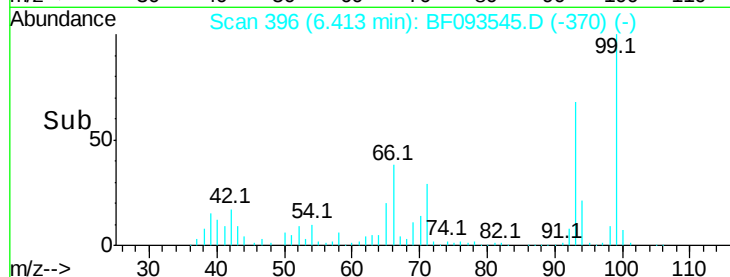
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.76 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

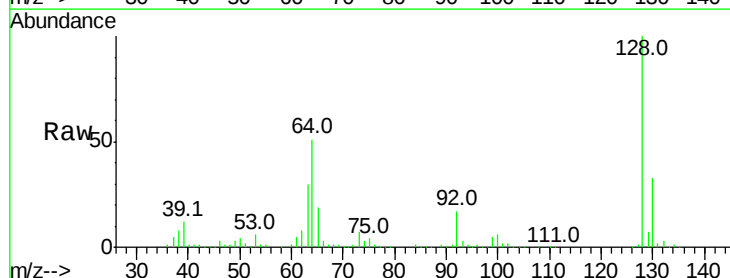
Tgt Ion: 128 Resp: 463990

Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

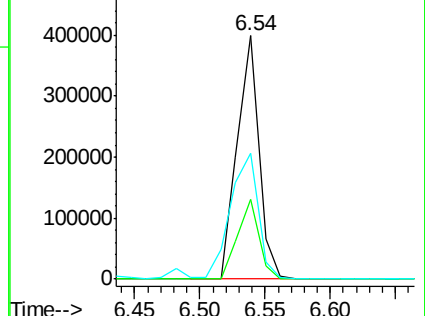
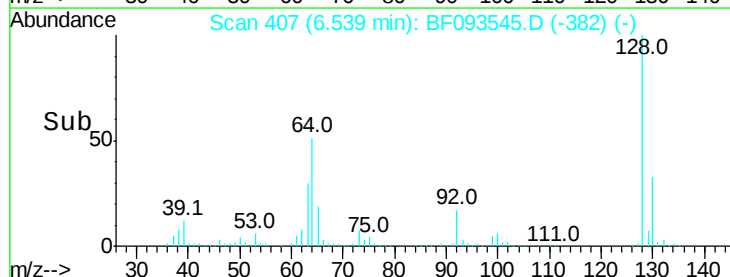
64 51.5 32.2 72.2



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





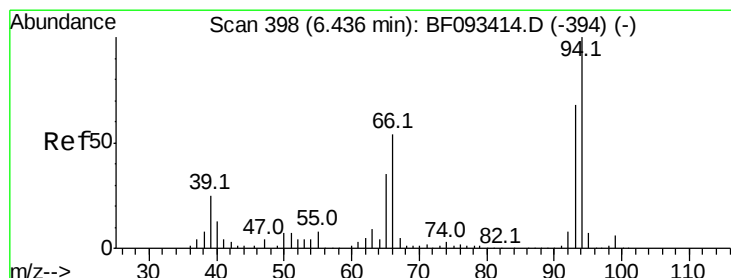
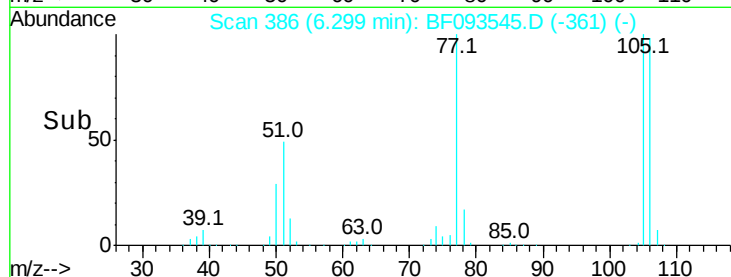
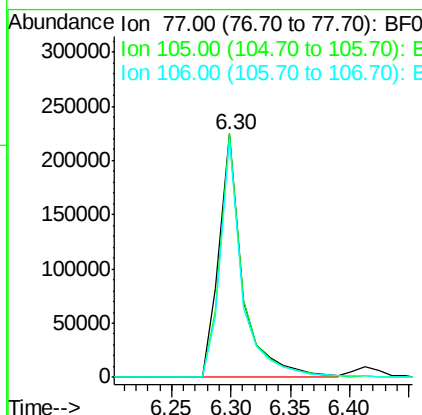
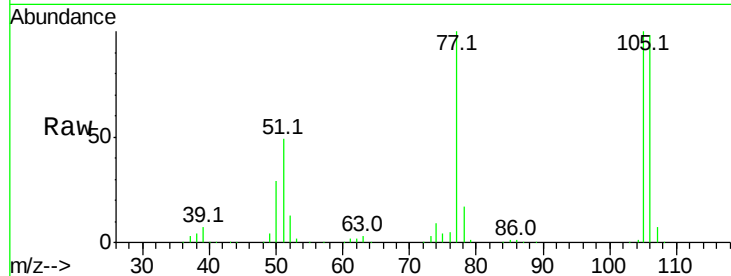
#9
Benzaldehyde
Concen: 37.58 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093545.D
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Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 309483
Ion Ratio Lower Upper
77 100
105 99.9 83.9 123.9
106 98.1 77.6 117.6

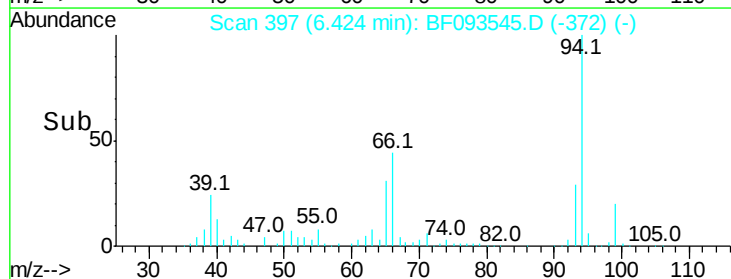
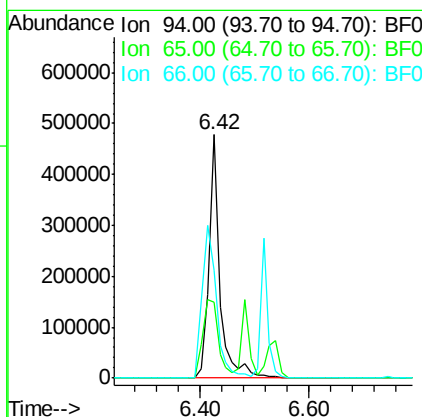
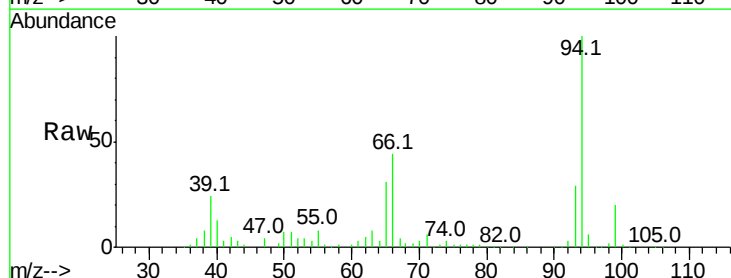
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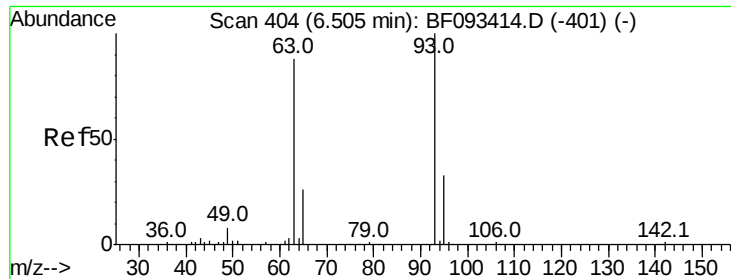
mohammad
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#10
Phenol
Concen: 41.65 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion: 94 Resp: 670320
Ion Ratio Lower Upper
94 100
65 31.2 21.4 61.4
66 44.4 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 39.89 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

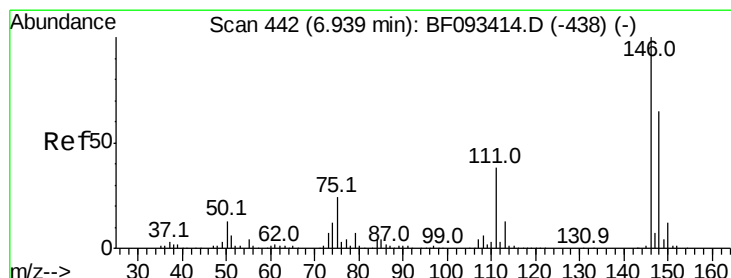
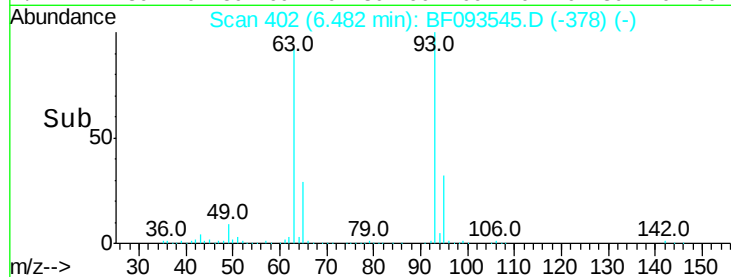
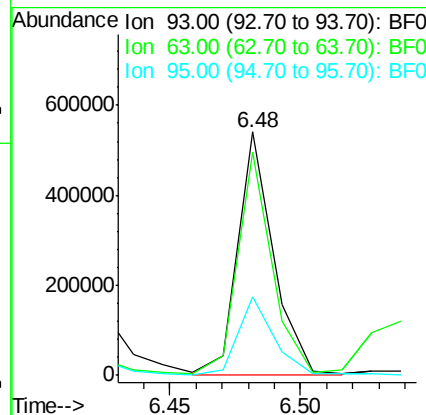
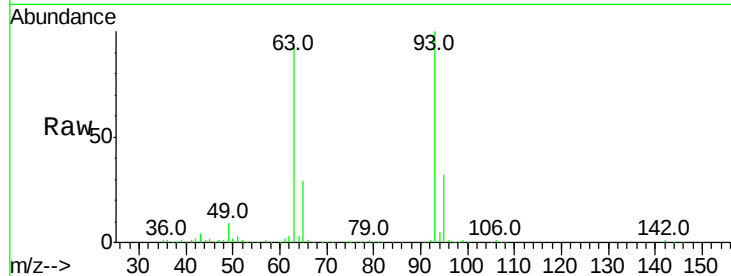
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.6	60.4	100.4
95	32.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.25 ng m

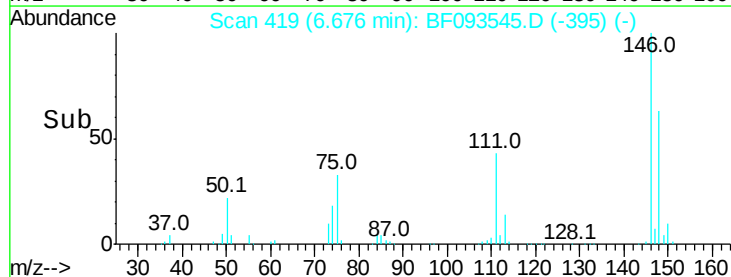
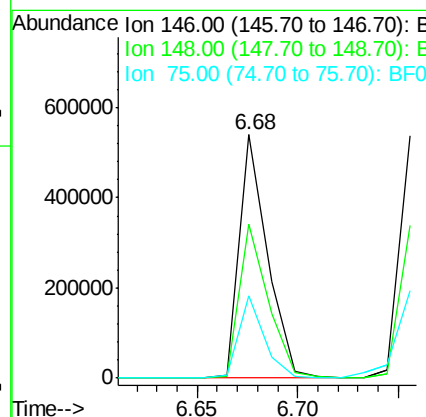
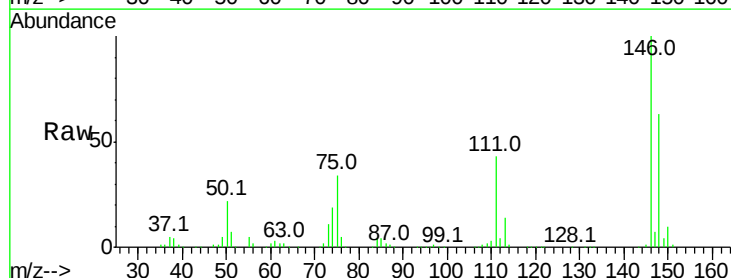
RT: 6.68 min Scan# 419

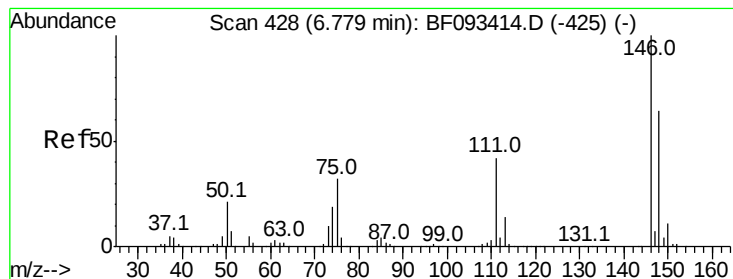
Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.4	80.0
75	33.6	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 40.01 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

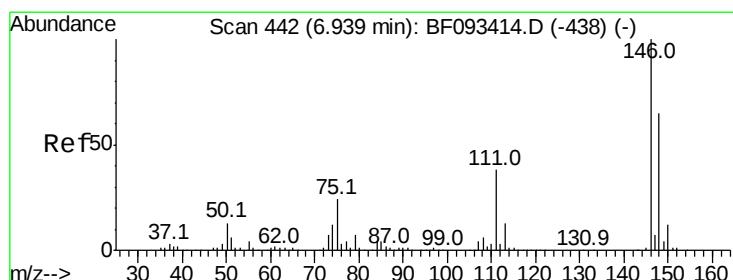
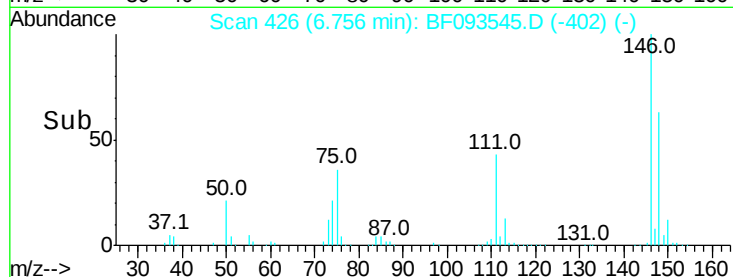
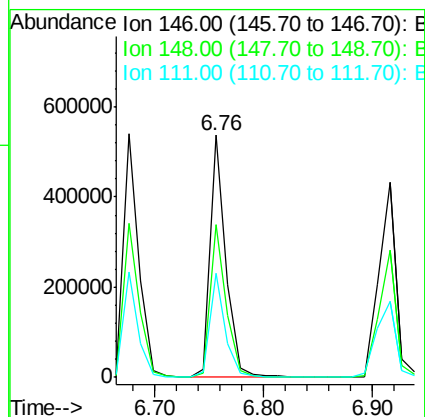
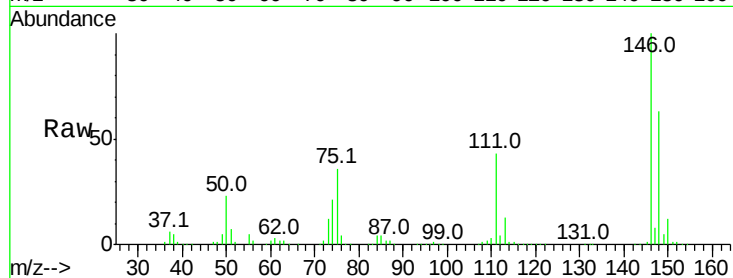
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	547183
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	76.0
111	43.2	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.62 ng

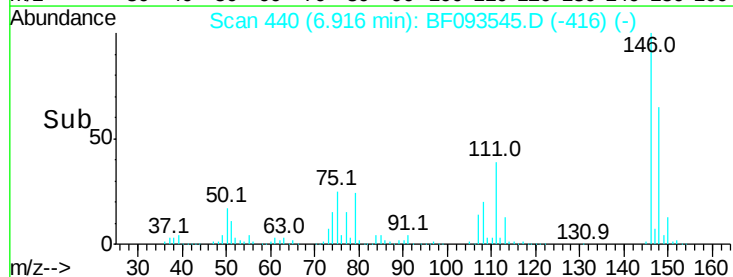
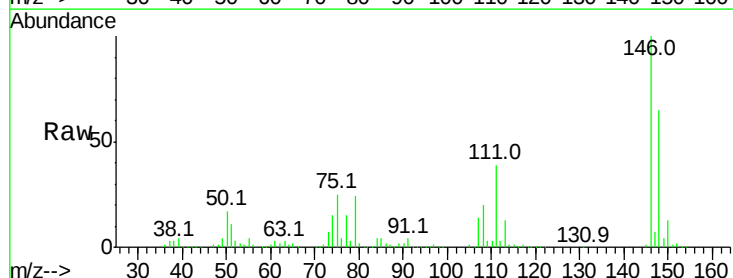
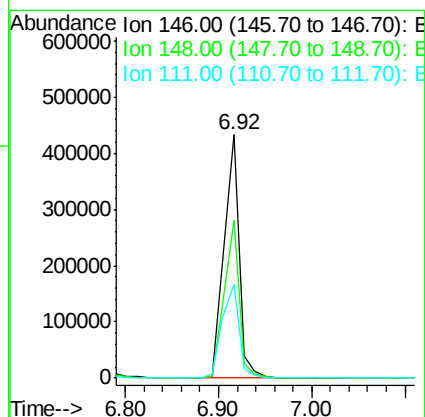
RT: 6.92 min Scan# 440

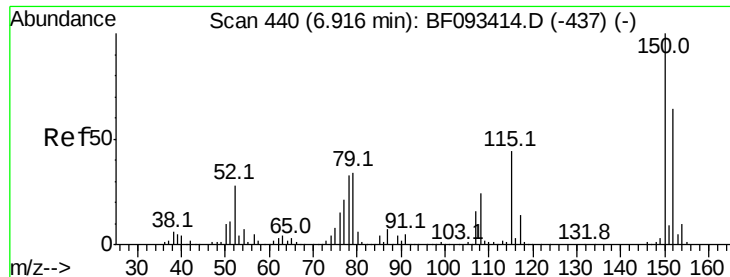
Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Tgt Ion:	146	Resp:	479776
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.2	78.2
111	38.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 39.22 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 367170

Ion Ratio Lower Upper

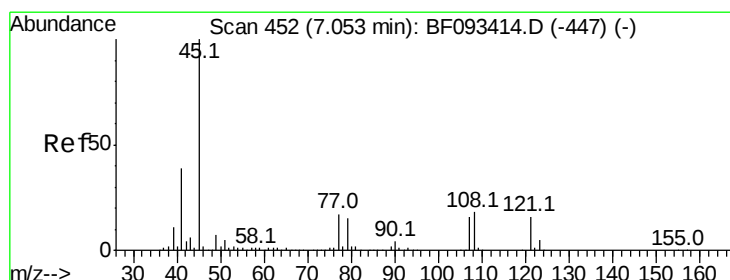
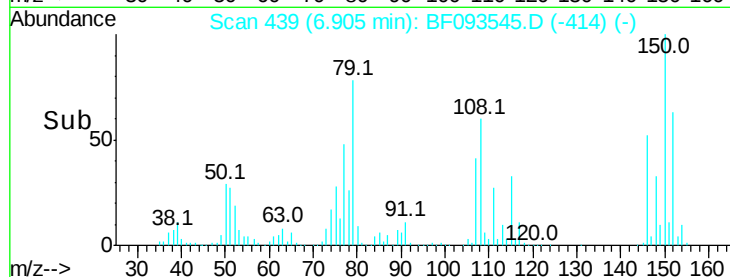
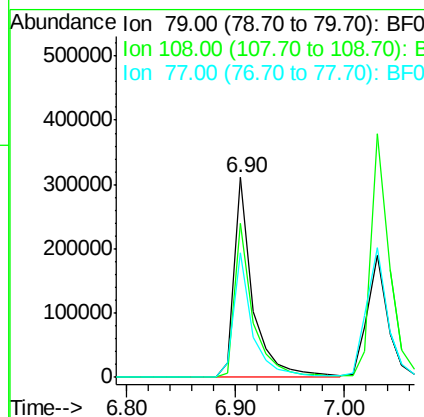
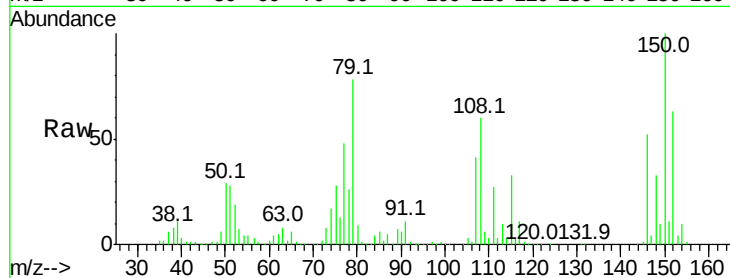
79 100

108 76.8 61.4 92.0

77 62.1 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.25 ng

RT: 7.02 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

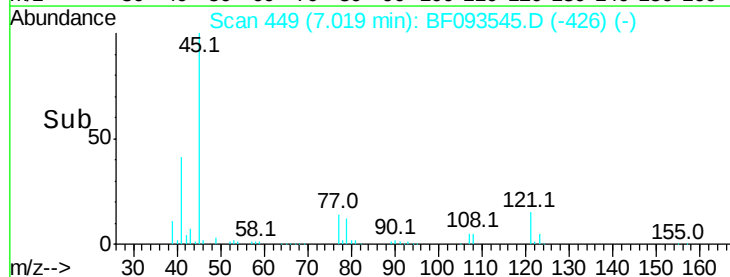
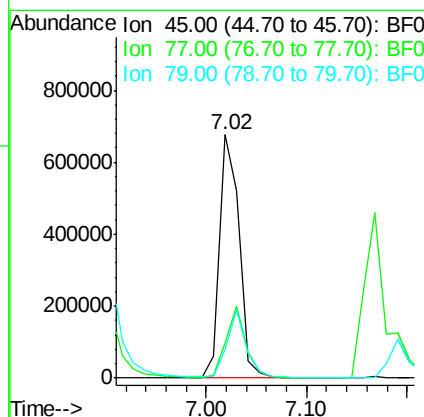
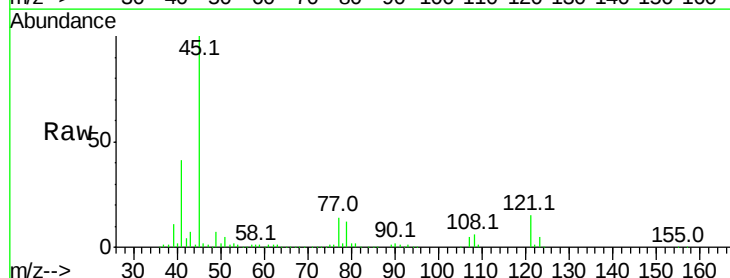
Tgt Ion: 45 Resp: 912970

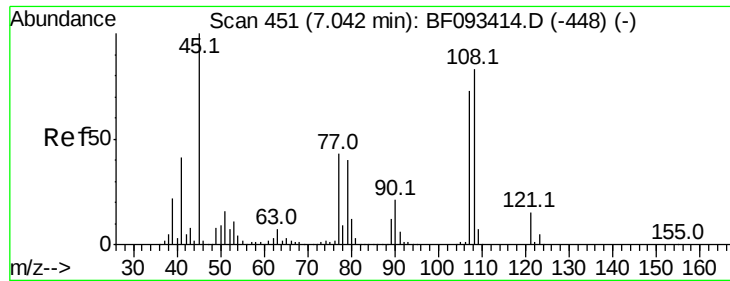
Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.6

79 11.6 0.0 31.2





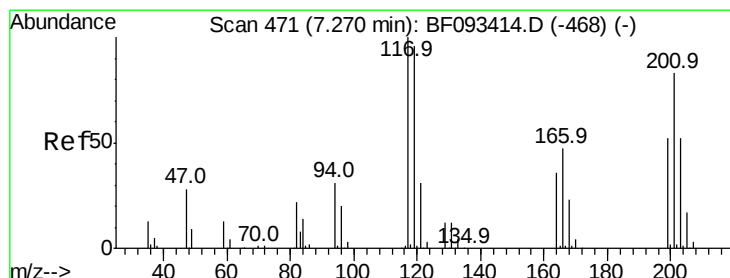
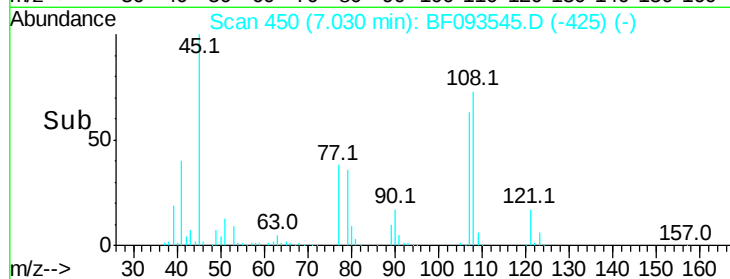
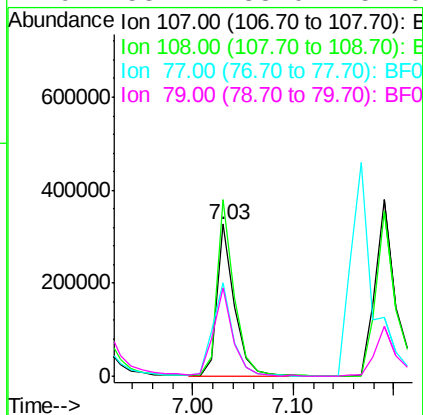
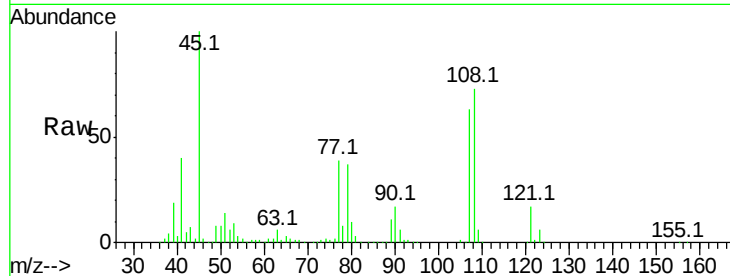
#17
2-Methylphenol
Concen: 39.16 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	93.0	139.6	
77	61.8	39.8	59.8	
79	58.2	38.0	57.0	

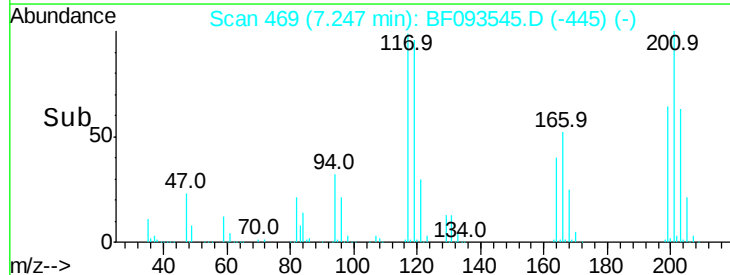
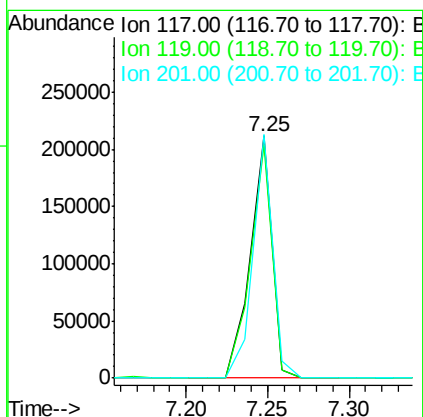
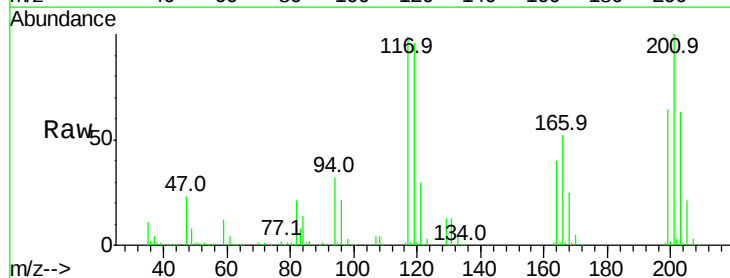
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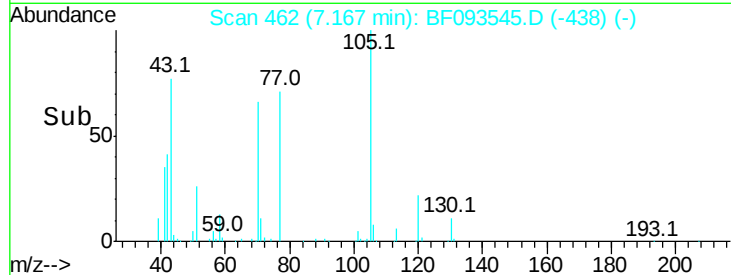
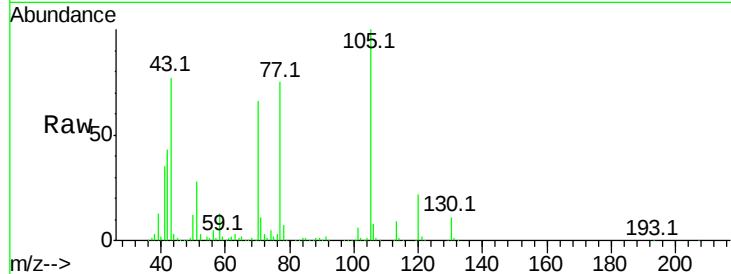
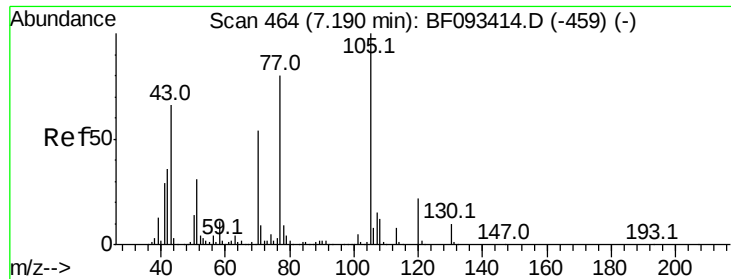
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#18
Hexachloroethane
Concen: 42.30 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	78.1	117.1	
201	100.7	78.6	117.8	





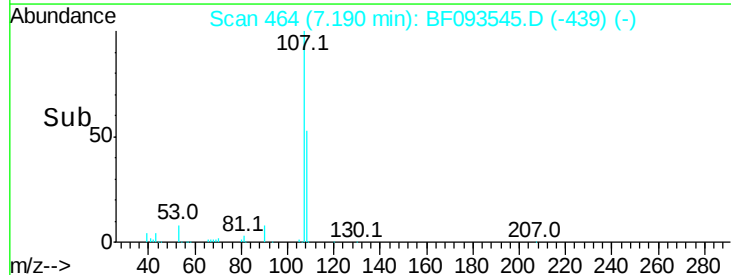
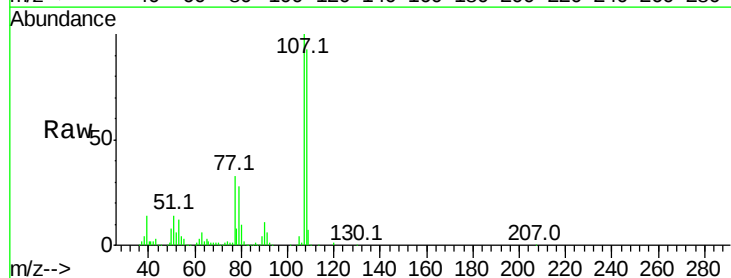
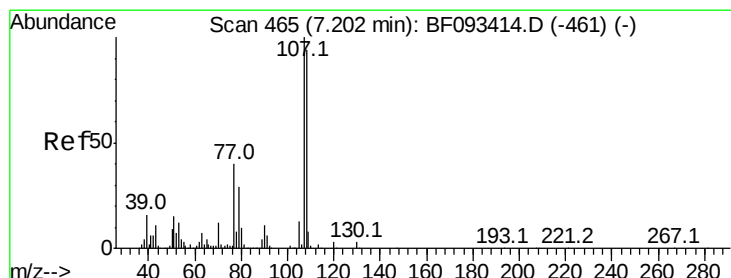
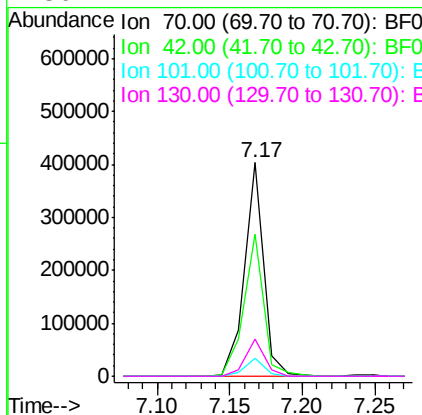
#19
n-Nitroso-di-n-propylamine
Concen: 41.15 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.3	49.4	74.0
101	8.4	7.4	11.2
130	17.4	14.2	21.4

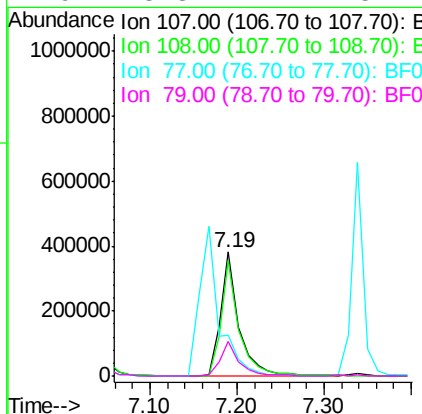
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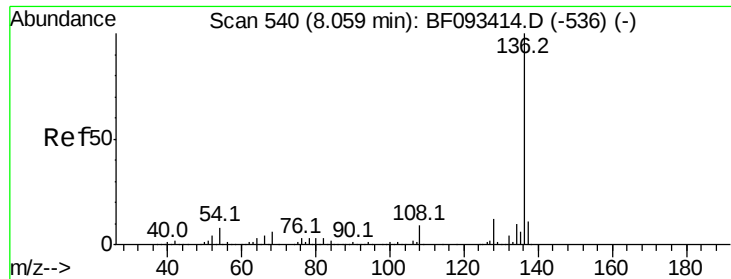
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#20
3+4-Methylphenols
Concen: 43.60 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.0	113.0
77	33.0	71.3	111.3#
79	28.3	11.1	51.1





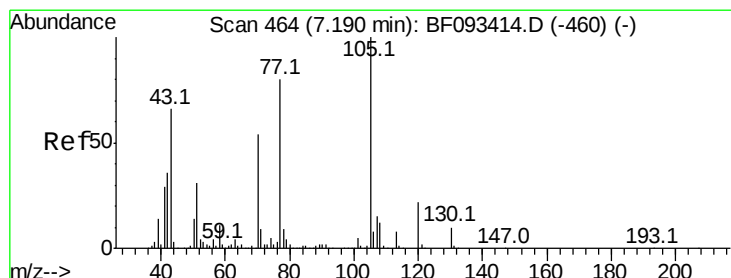
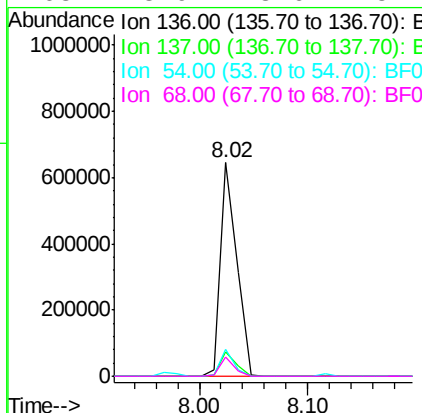
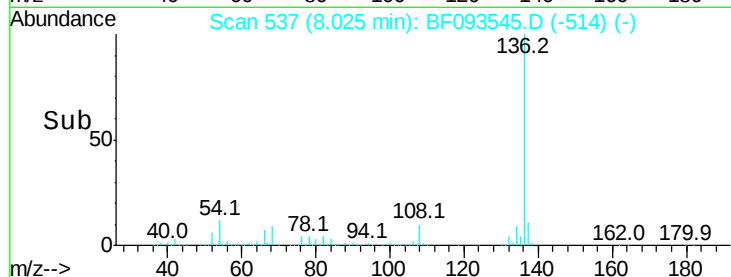
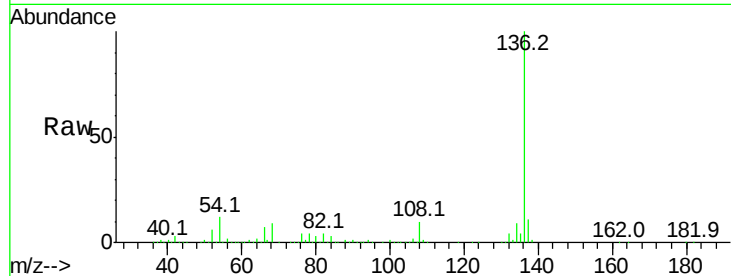
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	676100		
137	11.2	8.4	12.6	
54	12.4	4.5	6.7#	
68	8.9	3.6	5.4#	

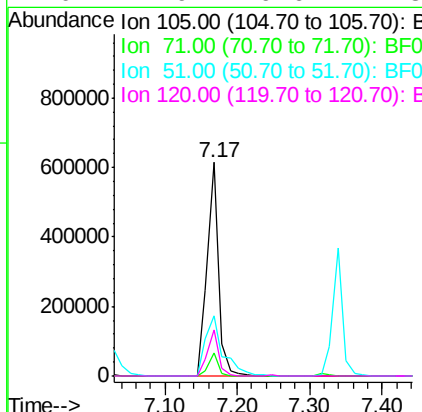
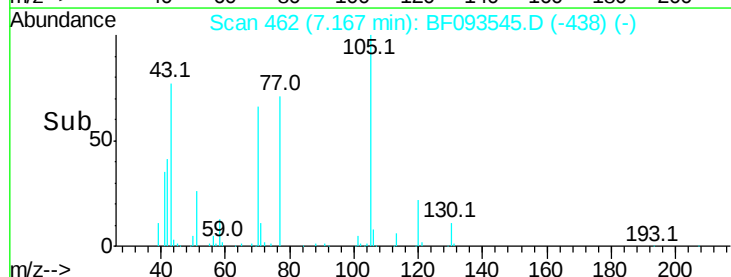
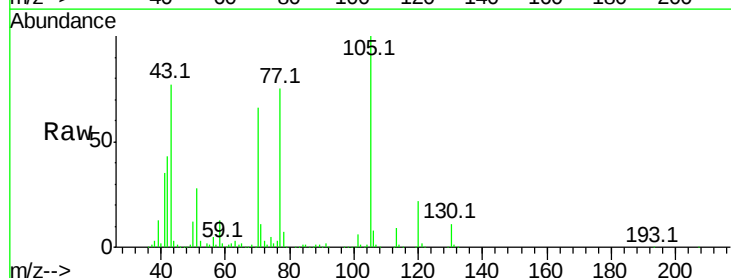
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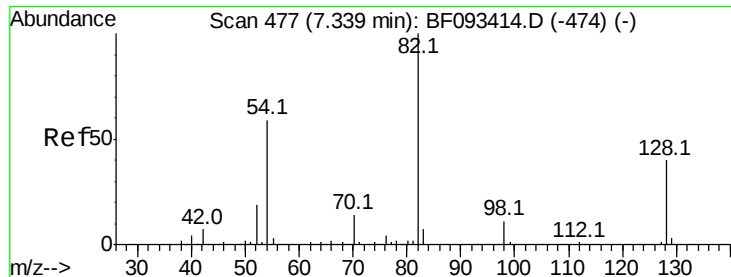
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#22
Acetophenone
Concen: 41.66 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	677760		
71	11.1	3.2	4.8#	
51	28.1	26.2	39.4	
120	21.9	16.6	24.8	





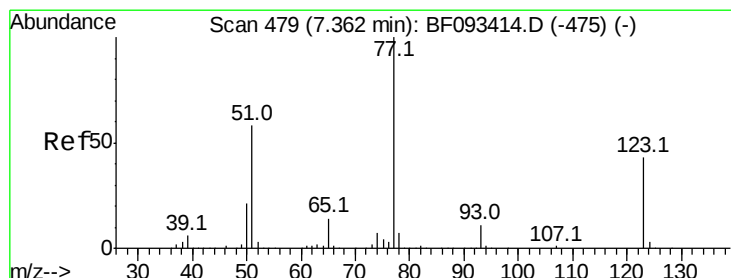
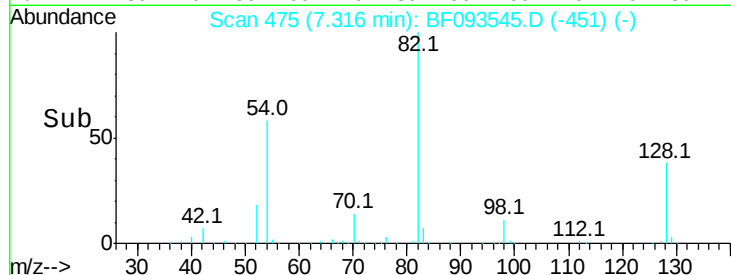
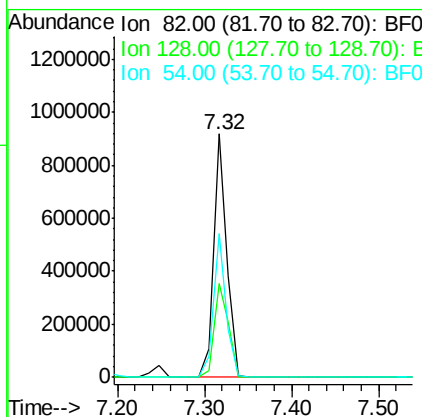
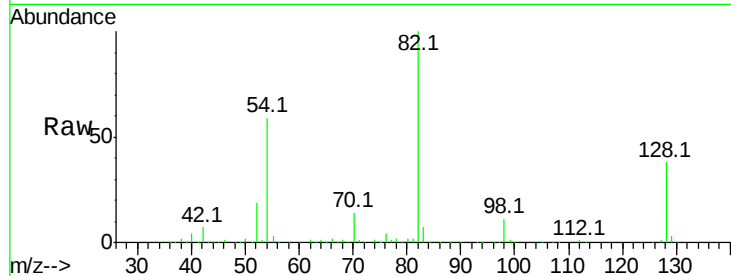
#23
 Nitrobenzene-d5
 Concen: 80.46 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	82	Resp:	980493
Ion Ratio	Lower	Upper	
82	100		
128	38.4	34.6	52.0
54	59.1	39.5	59.3

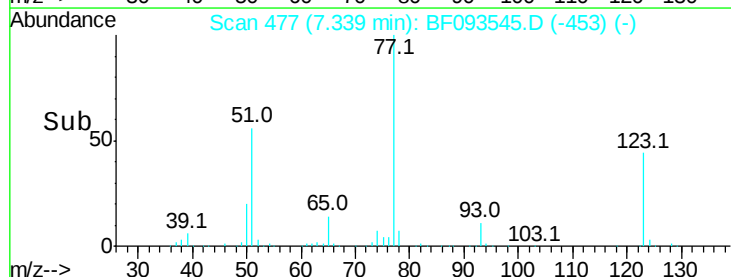
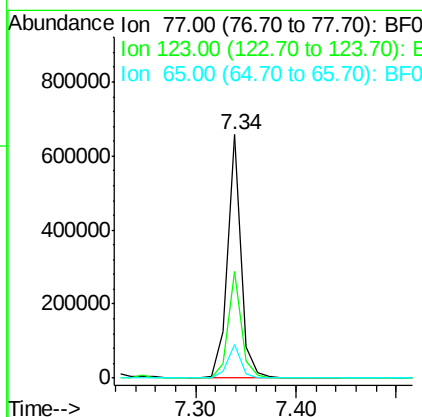
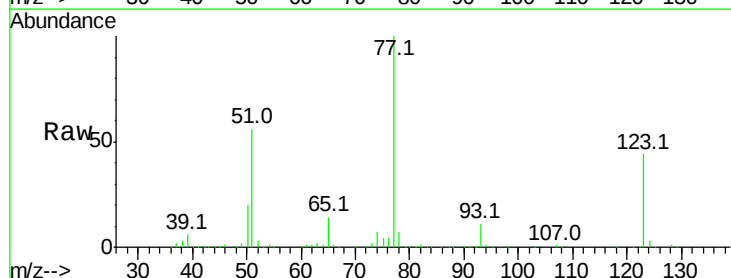
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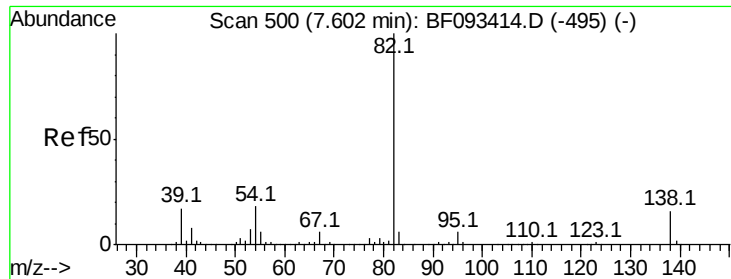
mohammad
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#24
 Nitrobenzene
 Concen: 44.77 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion:	77	Resp:	613169
Ion Ratio	Lower	Upper	
77	100		
123	43.6	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 41.36 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1016383

Ion Ratio Lower Upper

82 100

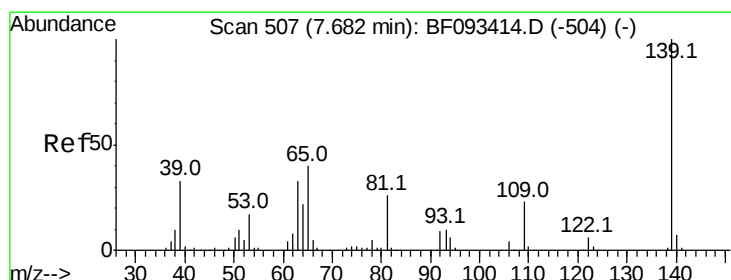
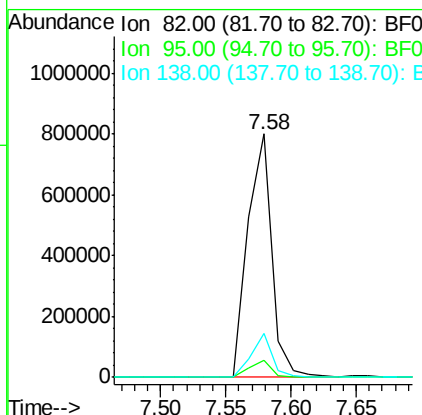
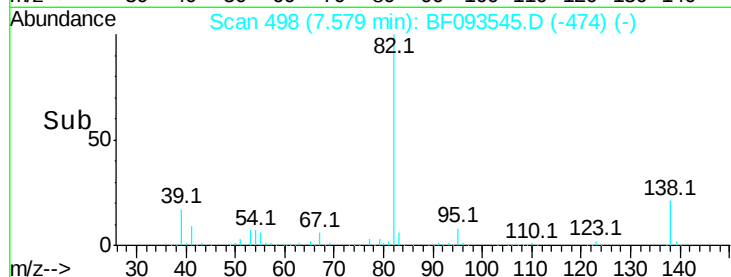
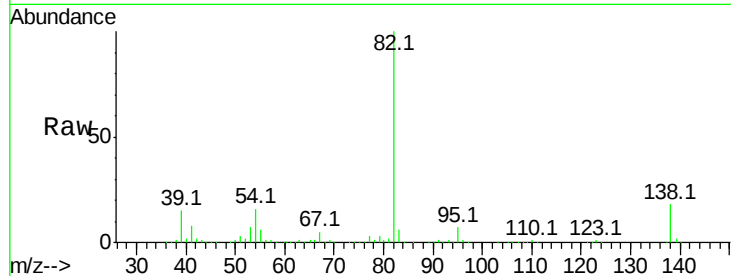
95 6.8 5.6 8.4

138 18.0 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.89 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

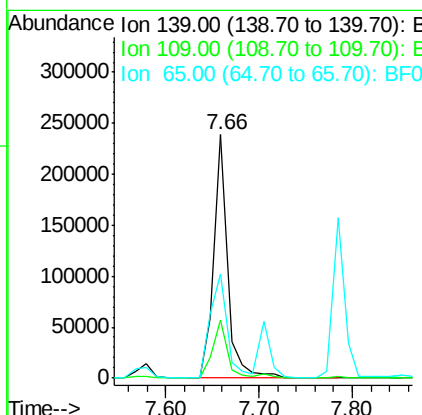
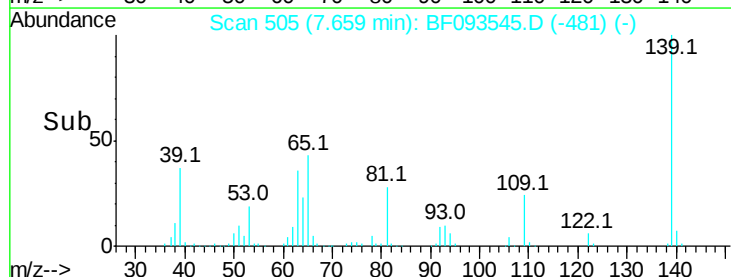
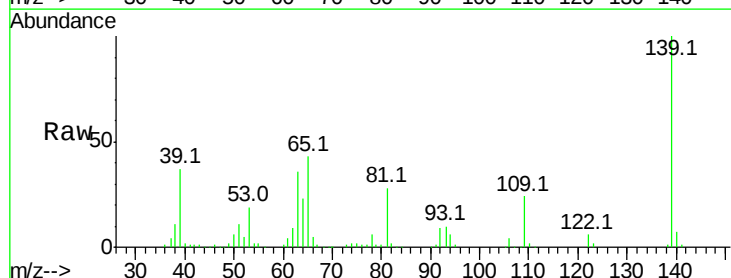
Tgt Ion: 139 Resp: 249258

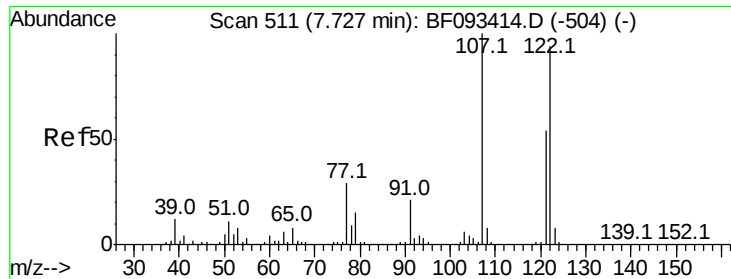
Ion Ratio Lower Upper

139 100

109 24.0 23.3 34.9

65 42.9 42.7 64.1





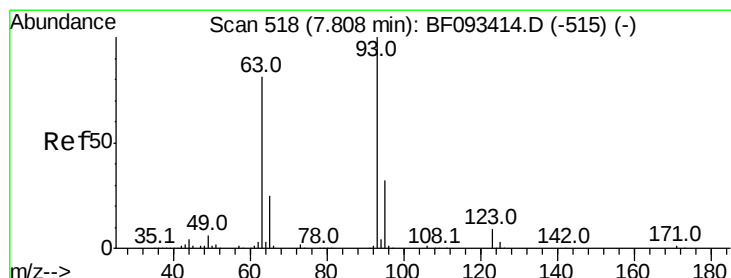
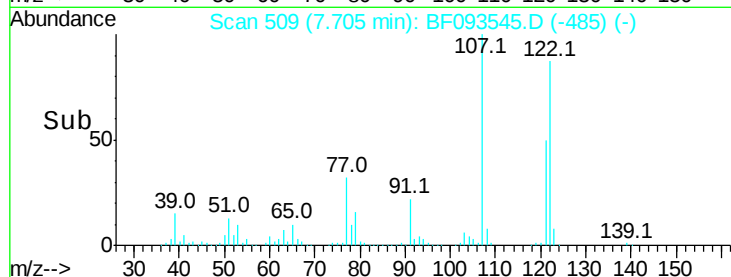
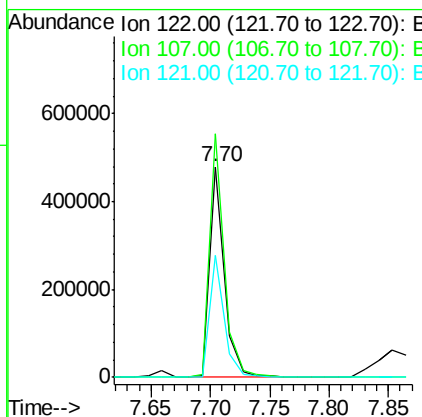
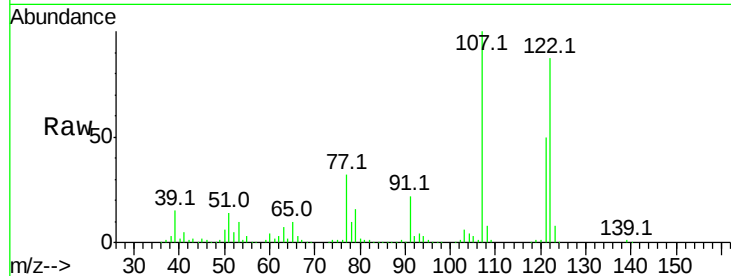
#27
2,4-Dimethylphenol
Concen: 40.39 ng
RT: 7.70 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	94.1	141.1
121	57.7	46.0	69.0

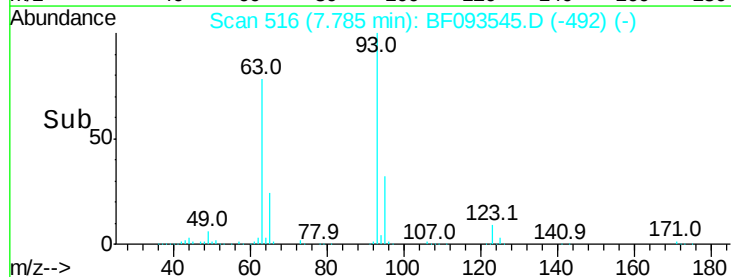
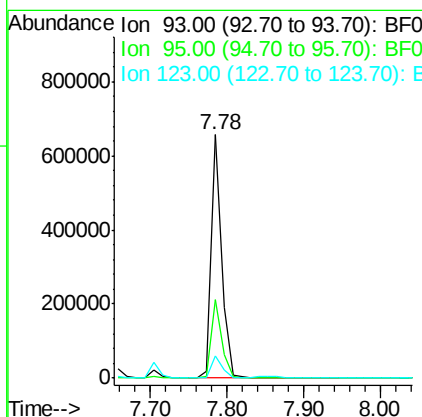
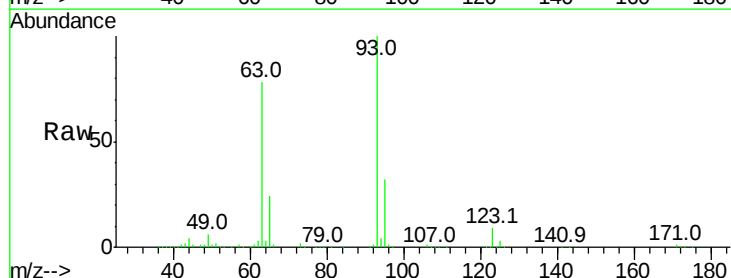
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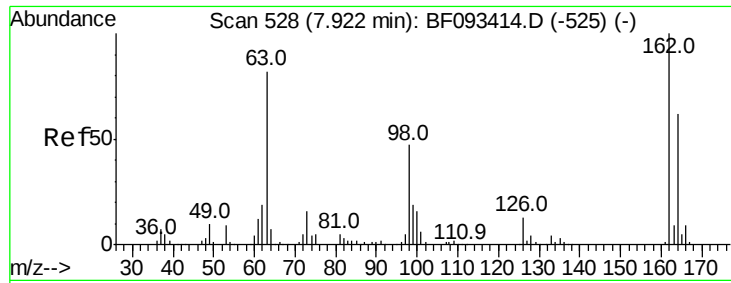
mohammad
3/13/2017 5:29:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.21 ng
RT: 7.78 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	9.2	8.6	13.0





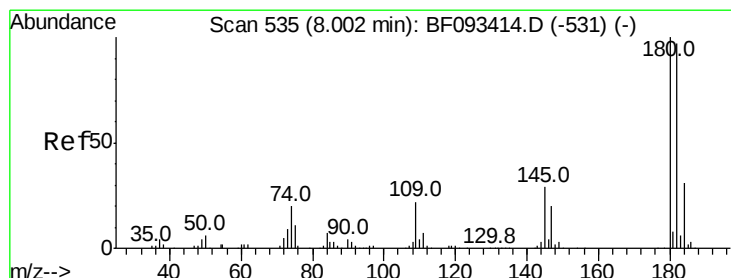
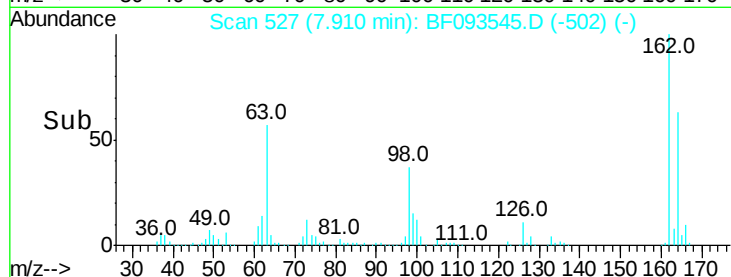
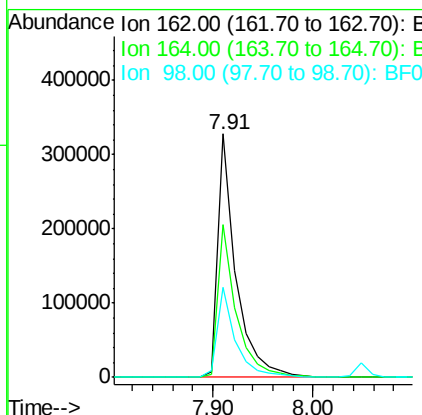
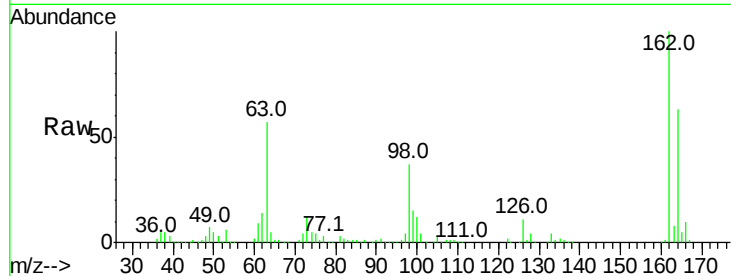
#29
 2,4-Dichlorophenol
 Concen: 42.88 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	410051		
164	62.8	46.8	86.8	
98	36.7	9.1	49.1	

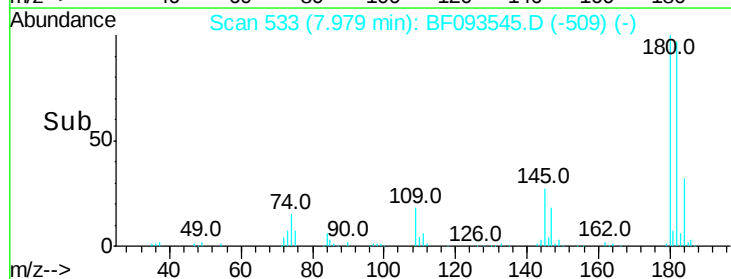
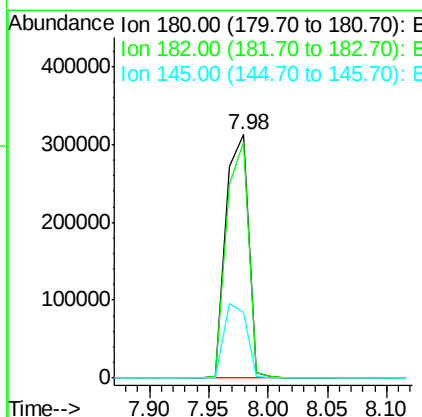
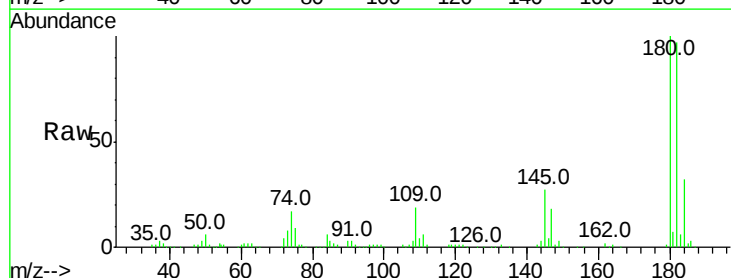
Manual Integrations
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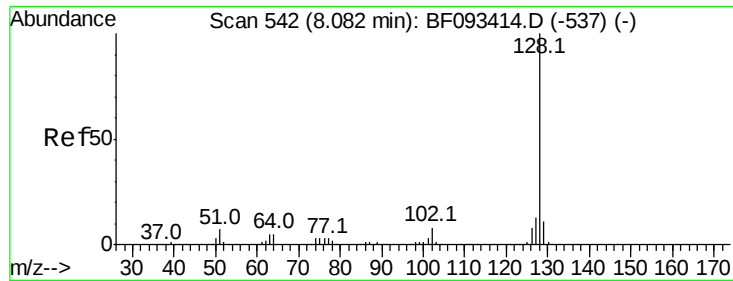
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.29 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	409688		
182	96.8	78.2	117.4	
145	26.8	21.6	32.4	





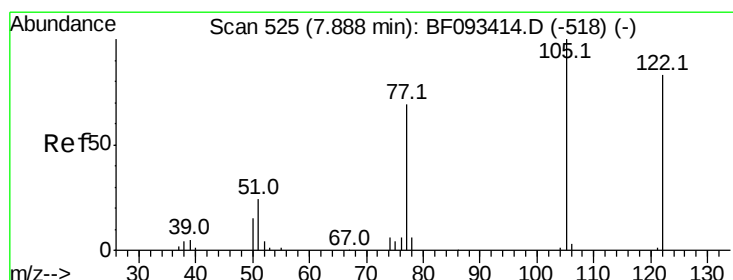
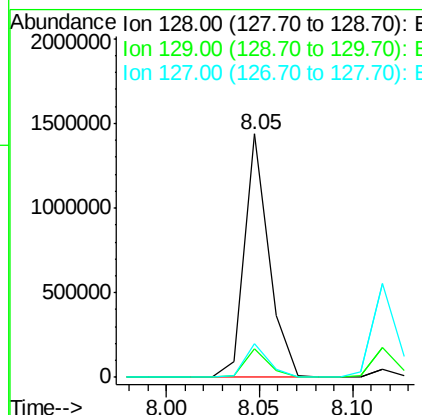
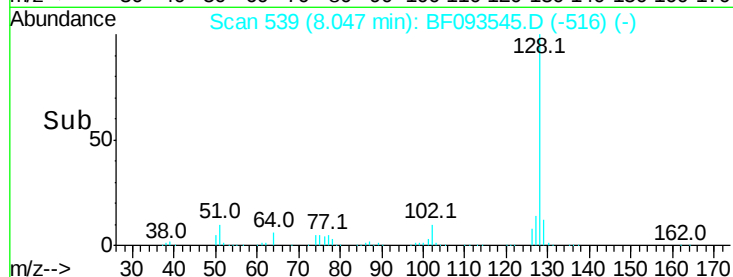
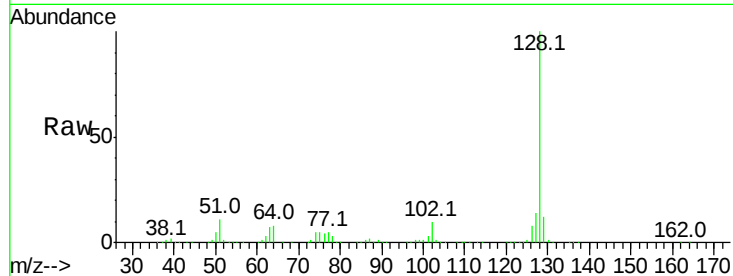
#31
Naphthalene
Concen: 38.83 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1315673
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.7 10.8 16.2

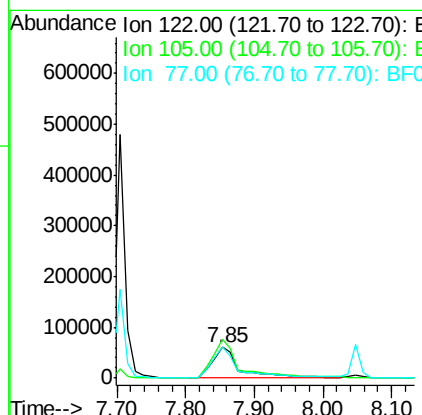
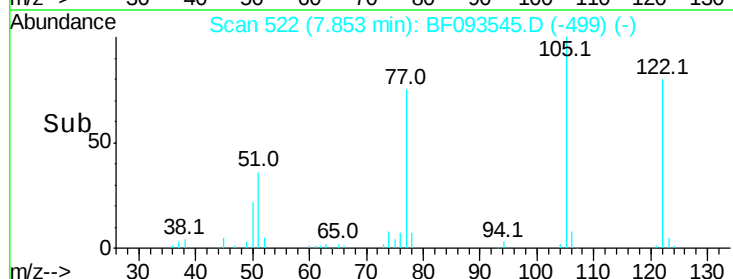
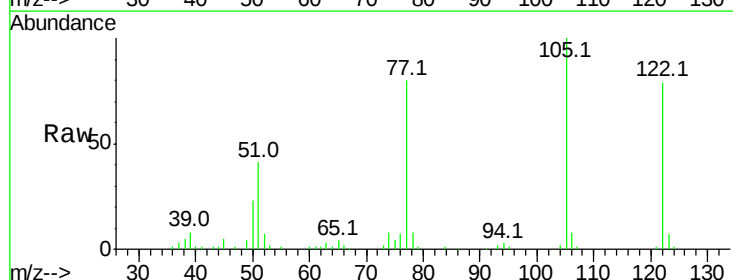
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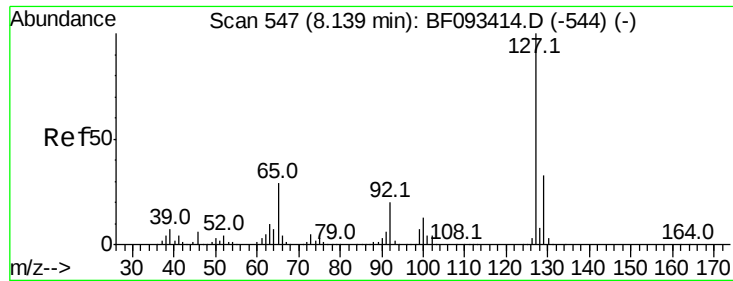
mohammad
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#32
Benzoic acid
Concen: 30.78 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion:122 Resp: 162587
Ion Ratio Lower Upper
122 100
105 126.3 107.2 147.2
77 101.4 74.5 114.5





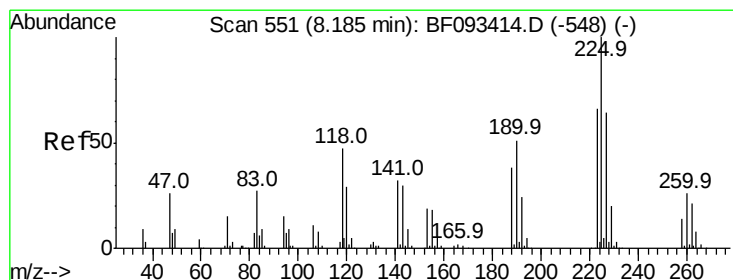
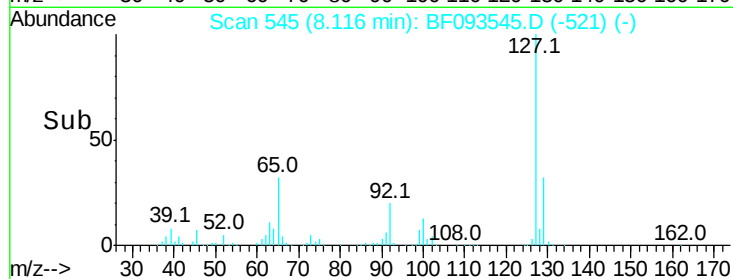
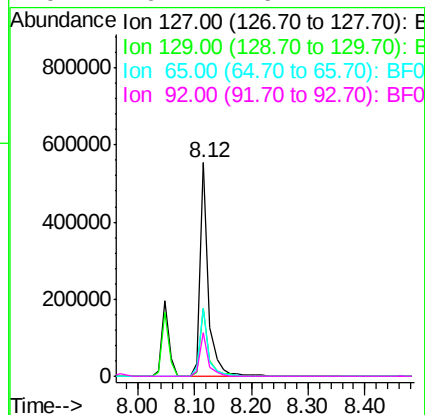
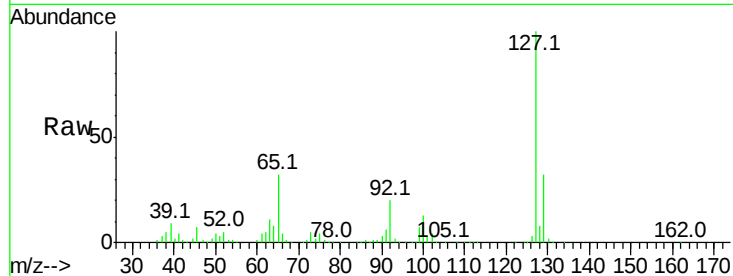
#33
4-Chloroaniline
Concen: 39.91 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.3	39.5	
65	31.9	25.8	38.8	
92	20.2	16.1	24.1	

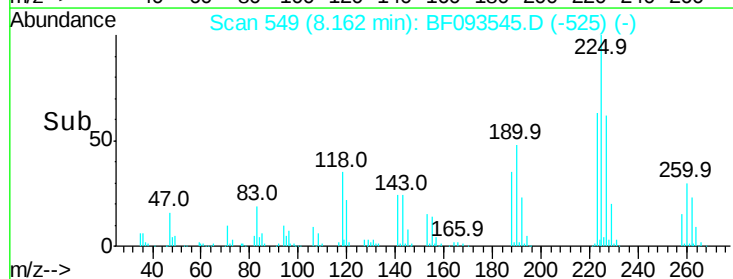
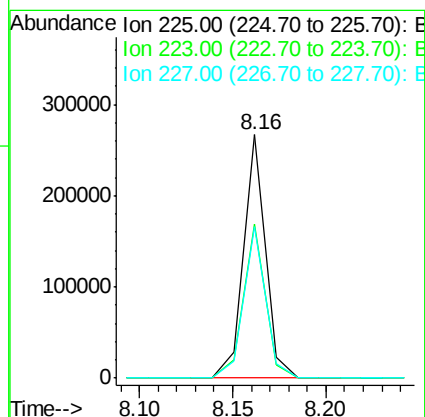
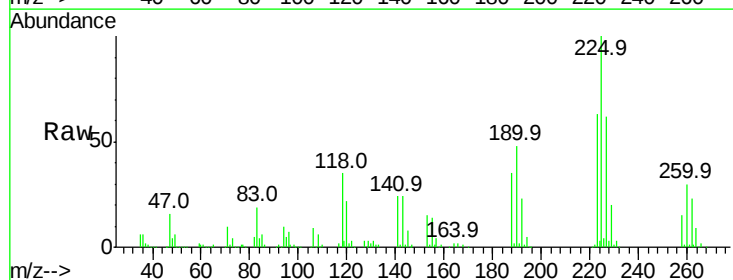
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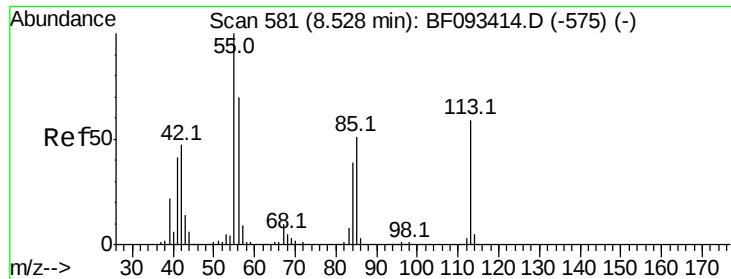
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#34
Hexachlorobutadiene
Concen: 41.94 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	51.0	76.6	
227	62.2	50.6	76.0	





#35

Caprolactam

Concen: 41.77 ng

RT: 8.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

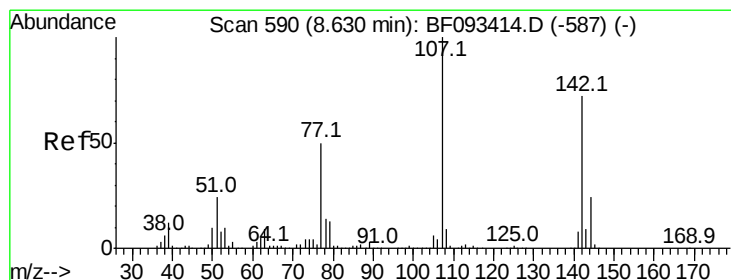
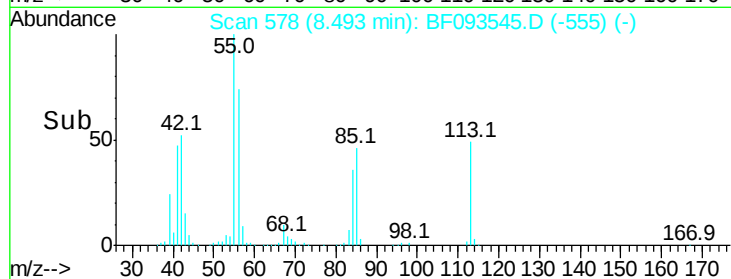
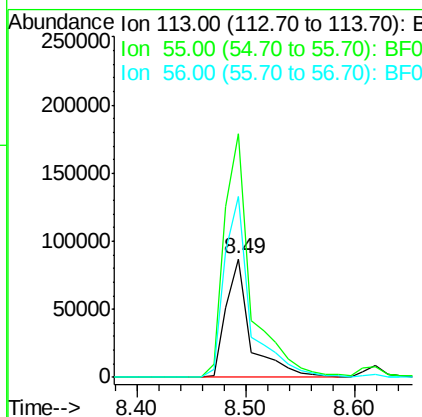
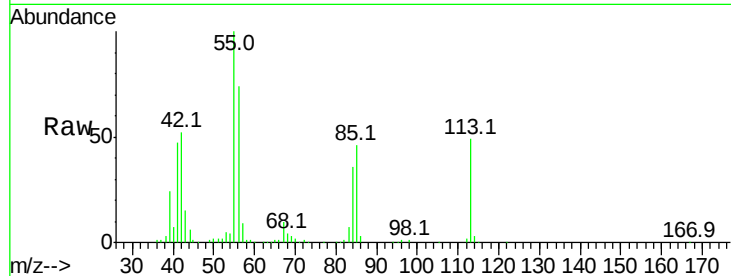
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	136419
Ion Ratio	Lower	Upper	
113	100		
55	205.7	119.2	159.2#
56	153.1	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 39.21 ng

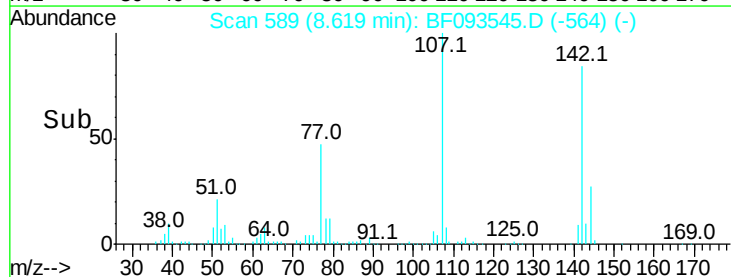
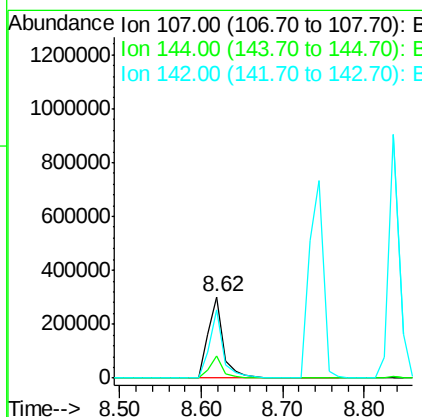
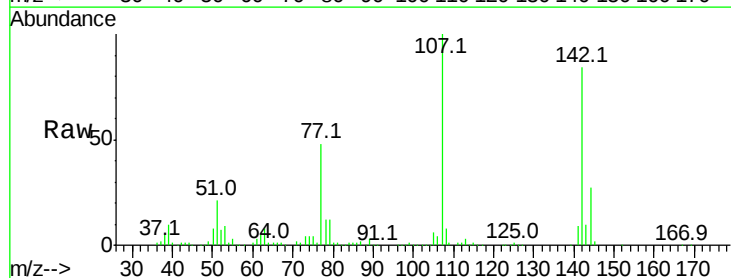
RT: 8.62 min Scan# 589

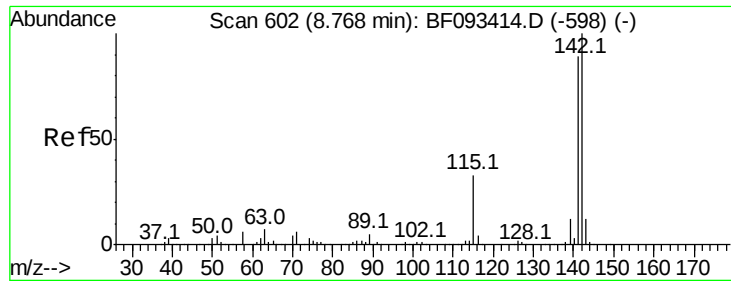
Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Tgt Ion:	107	Resp:	400160
Ion Ratio	Lower	Upper	
107	100		
144	26.7	19.3	28.9
142	83.8	59.0	88.6





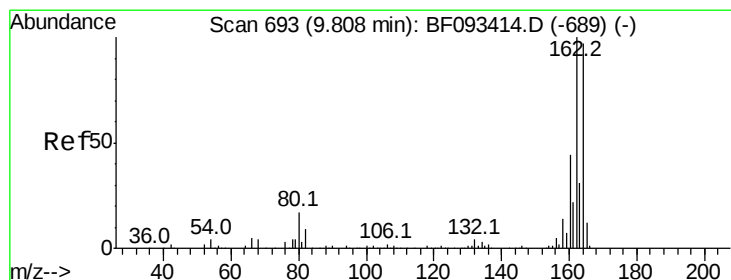
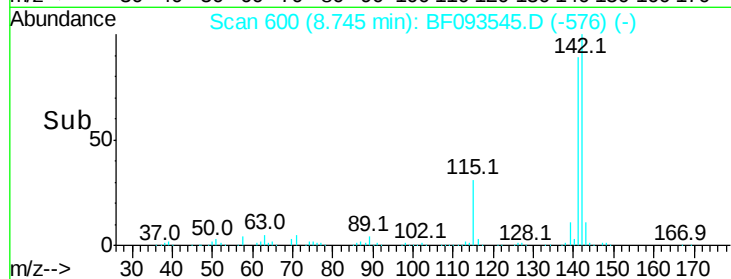
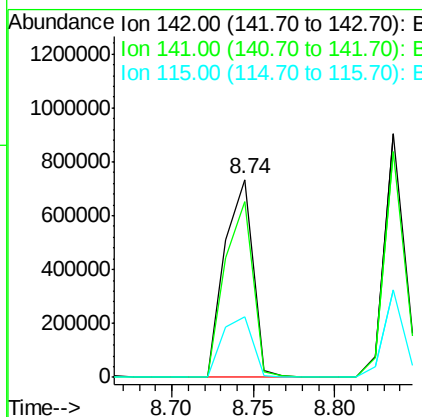
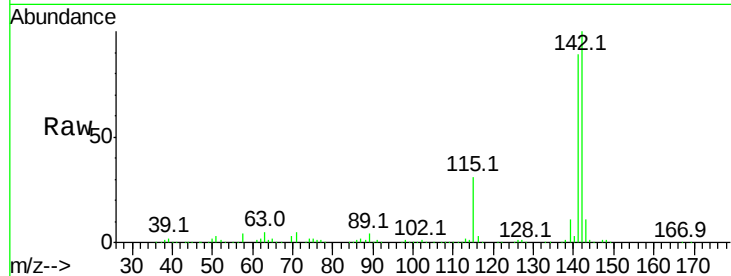
#37
2-Methylnaphthalene
Concen: 40.51 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	30.6	28.3	42.5

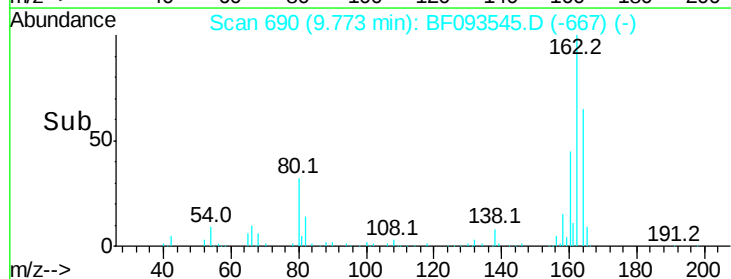
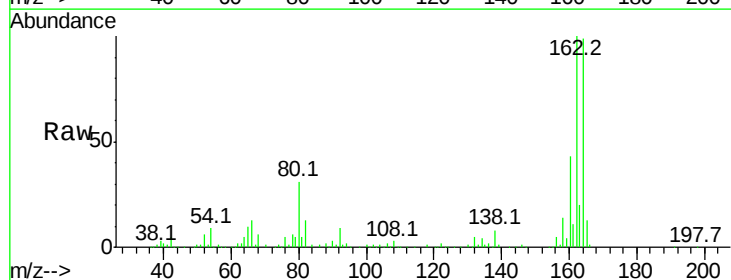
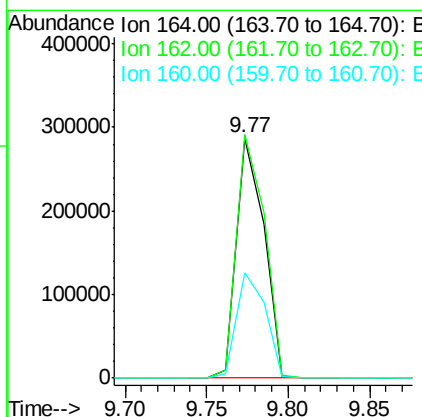
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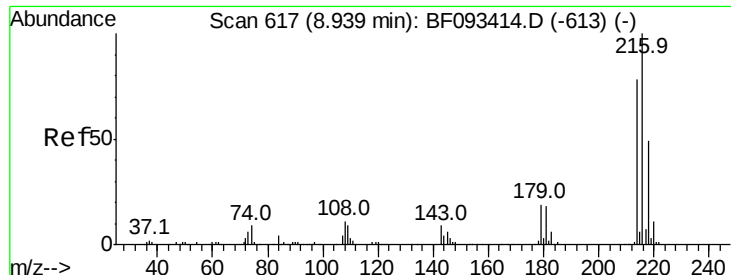
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	43.8	36.9	55.3





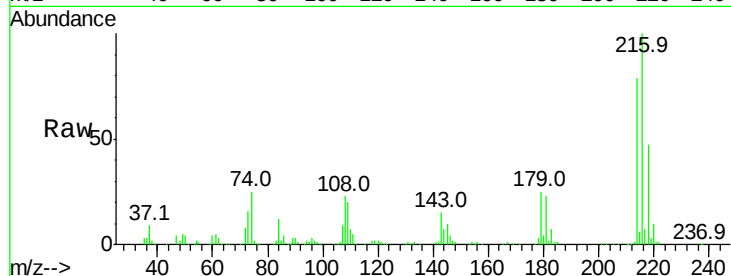
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.74 ng
RT: 8.90 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

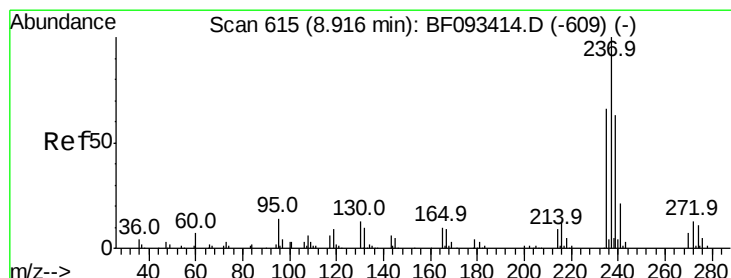
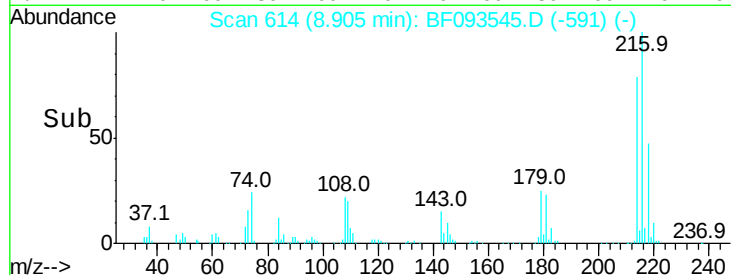
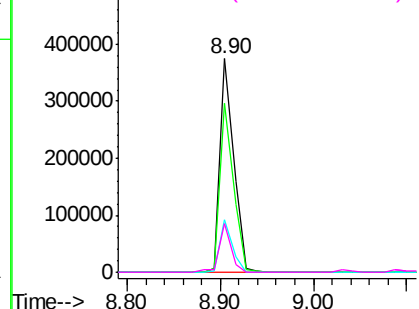
Tot Ion	Ratio	Resp	Lower	Upper
216	100	378671		
214	78.4		63.4	95.0
179	22.4		17.4	26.2
108	20.2		15.6	23.4

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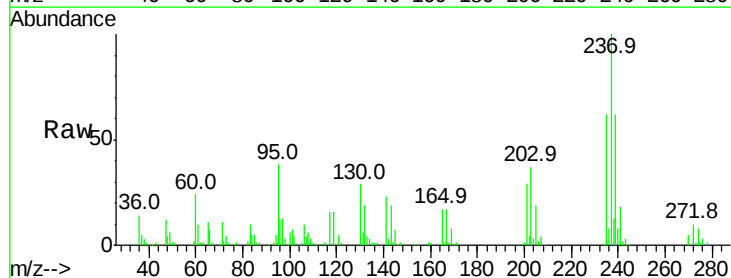


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

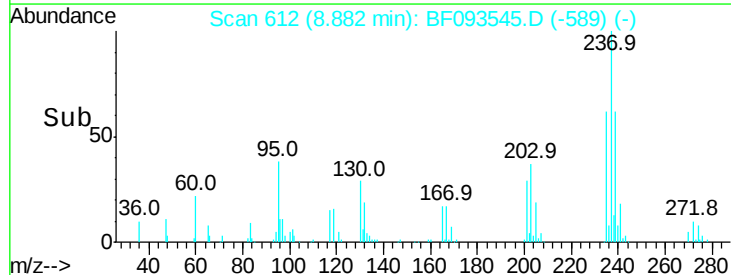
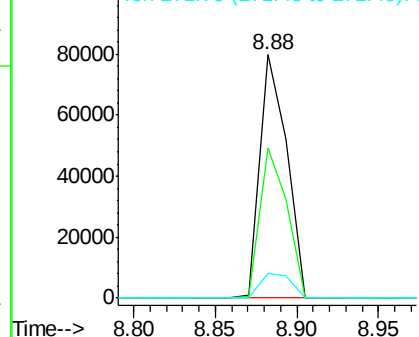


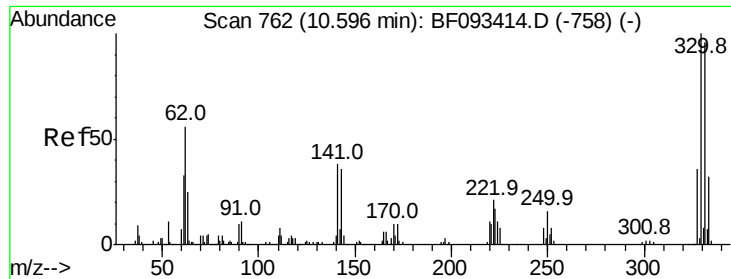
#40
Hexachlorocyclopentadiene
Concen: 46.08 ng
RT: 8.88 min Scan# 612
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	91683		
235	61.9		41.2	81.2
272	9.9		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





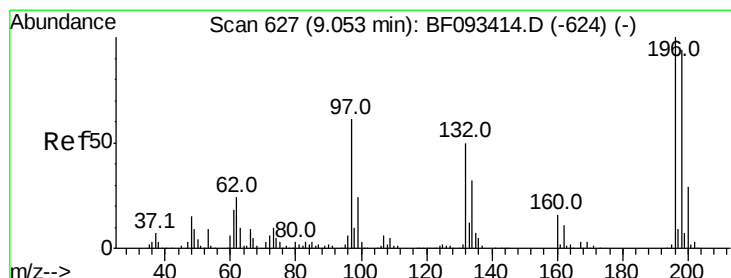
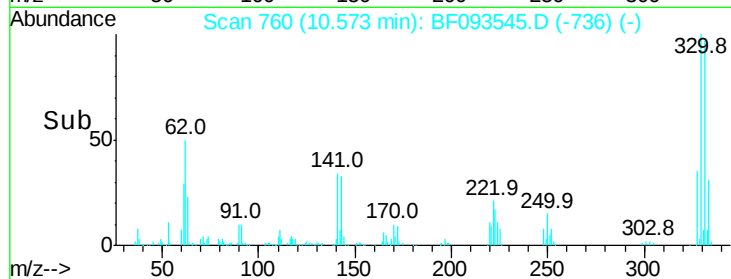
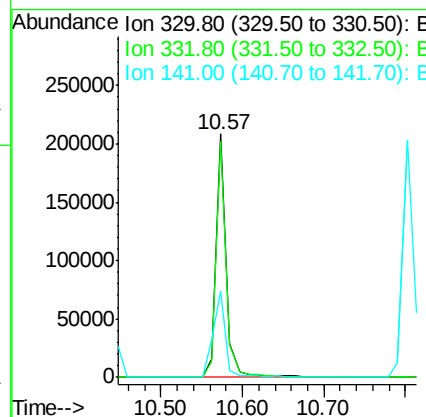
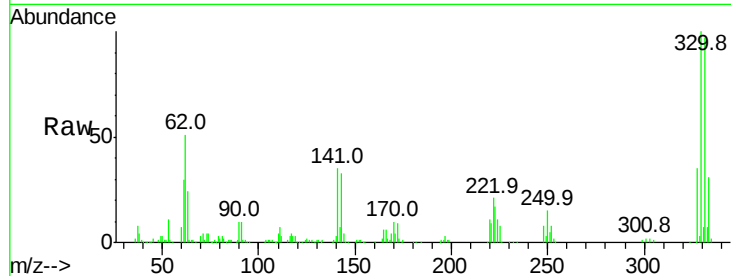
#41
 2,4,6-Tribromophenol
 Concen: 85.23 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	184486		
332	96.2	77.4	116.2	
141	43.7	34.1	51.1	

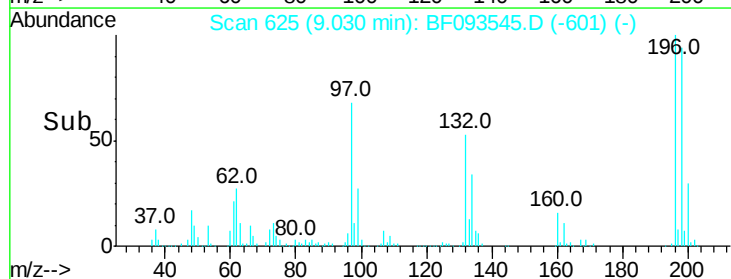
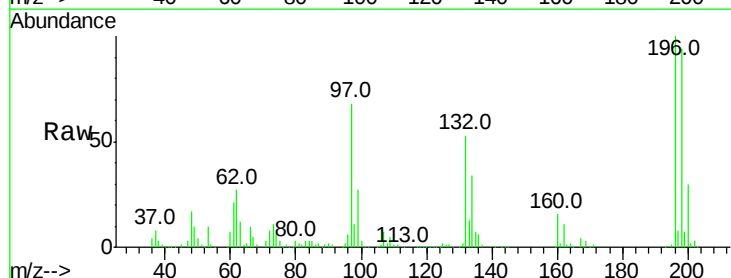
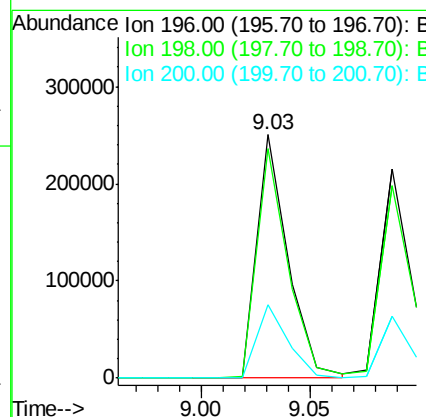
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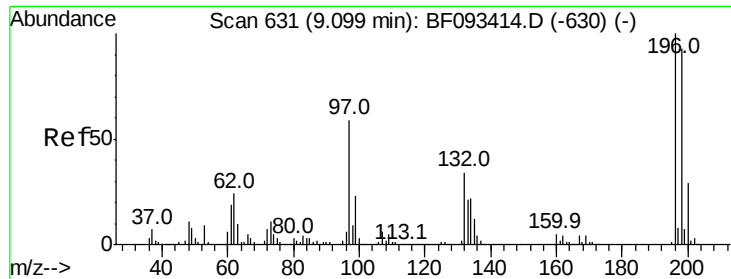
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#42
 2,4,6-Trichlorophenol
 Concen: 44.04 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249612		
198	94.4	82.1	123.1	
200	29.9	27.0	40.4	





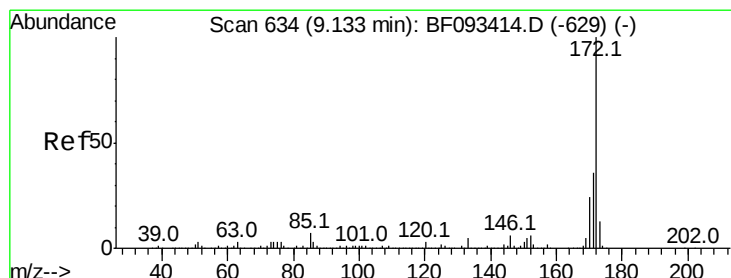
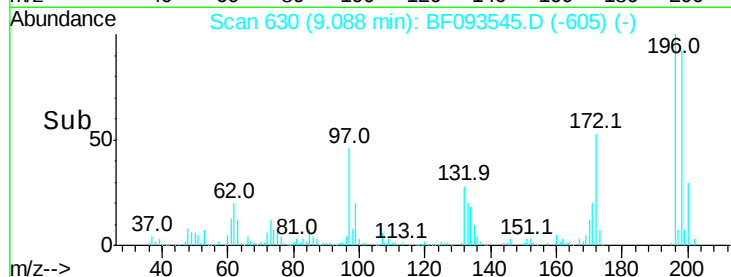
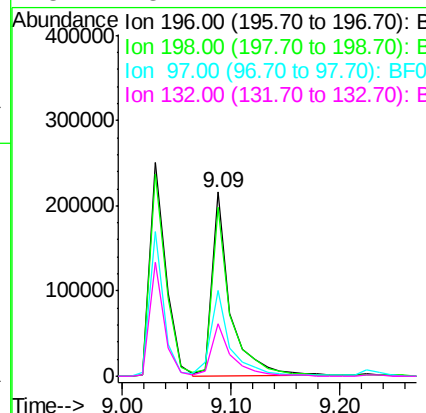
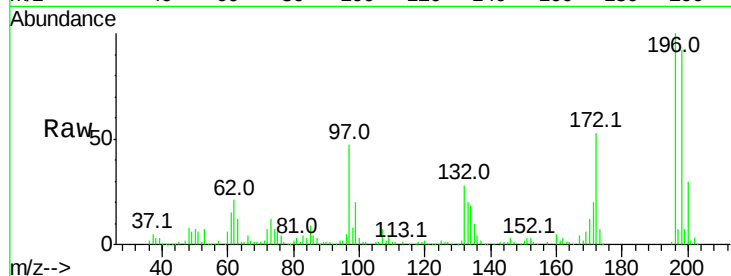
#43
 2,4,5-Trichlorophenol
 Concen: 41.64 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253269		
198	91.8		79.4	119.2
97	46.8		51.5	77.3#
132	28.4		27.4	41.2

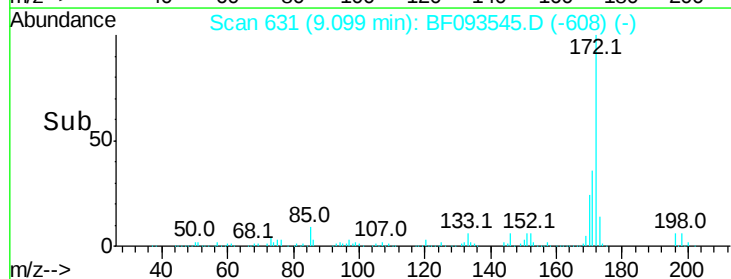
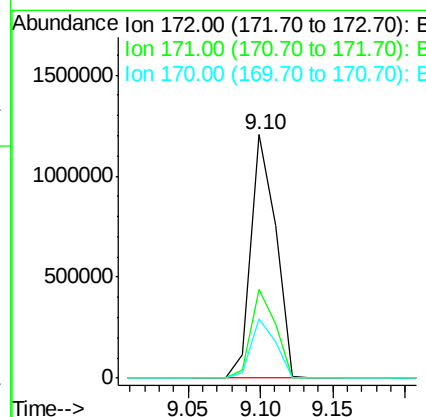
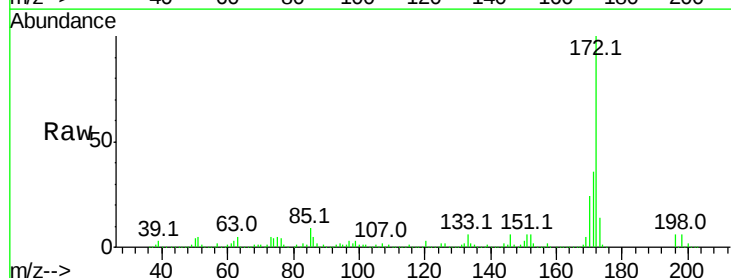
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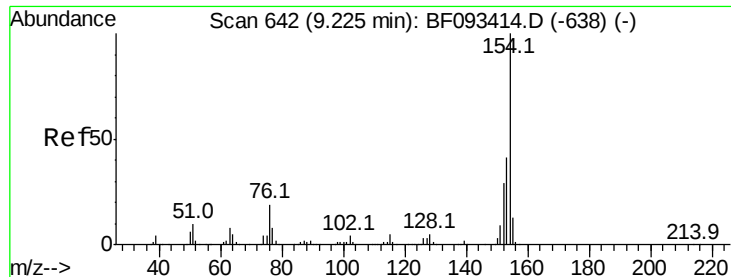
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#44
 2-Fluorobiphenyl
 Concen: 80.13 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1431287		
171	36.5		29.4	44.0
170	24.5		20.2	30.4





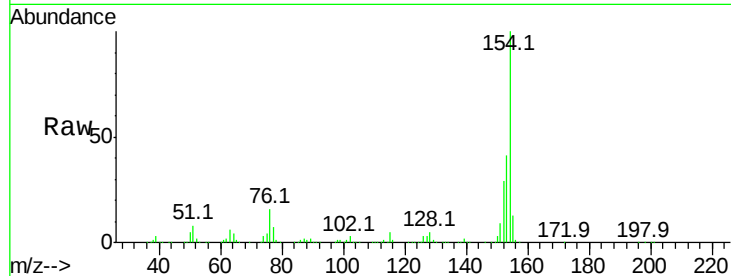
#45
1,1'-Biphenyl
Concen: 41.91 ng
RT: 9.20 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

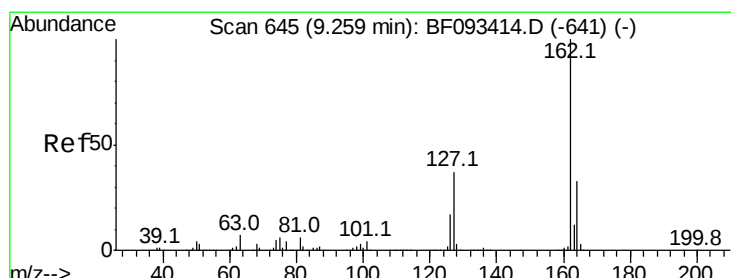
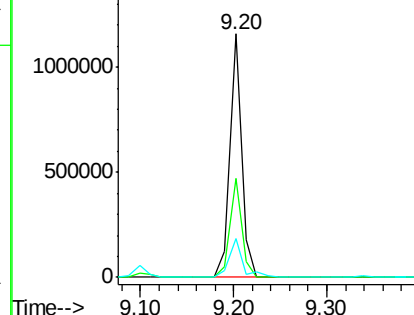
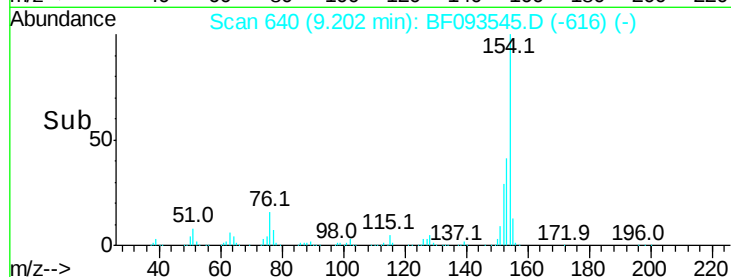
Tot Ion:154 Resp: 1014383
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 15.9 0.0 30.5

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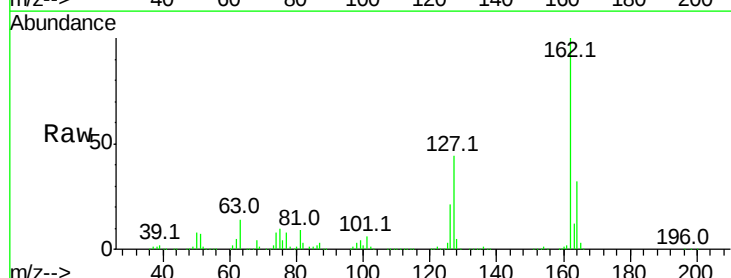


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

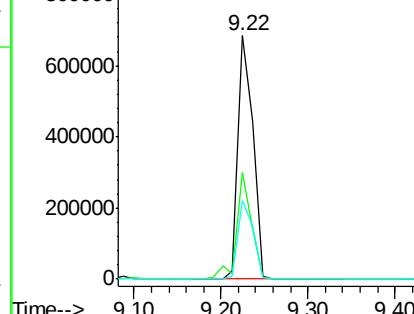
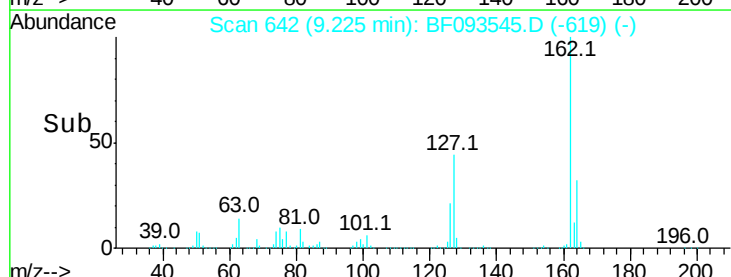


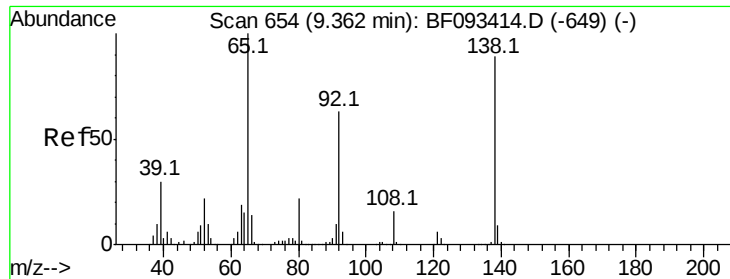
#46
2-Chloronaphthalene
Concen: 43.29 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion:162 Resp: 801985
Ion Ratio Lower Upper
162 100
127 43.7 30.7 46.1
164 32.4 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





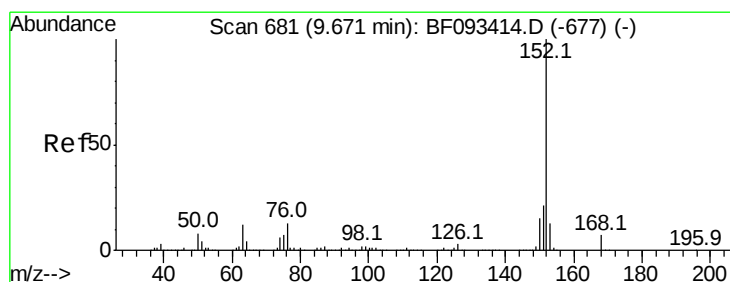
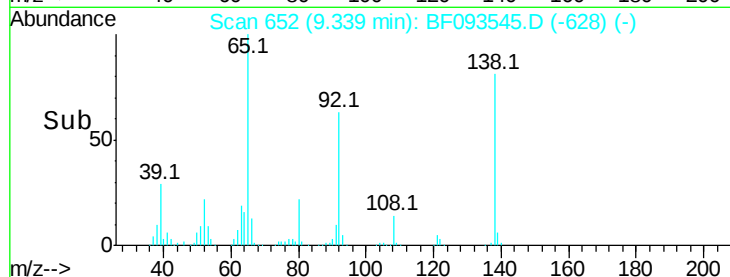
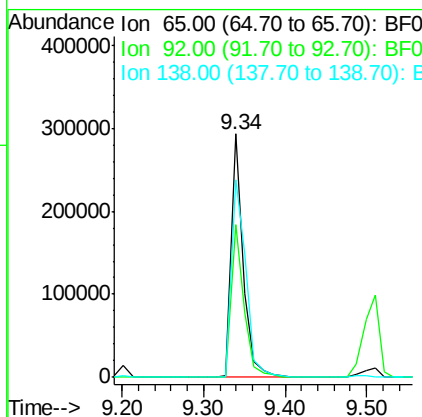
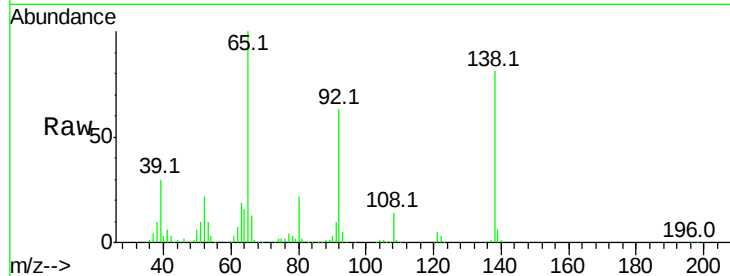
#47
2-Nitroaniline
Concen: 45.28 ng
RT: 9.34 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	53.9	80.9
138	81.3	76.8	115.2

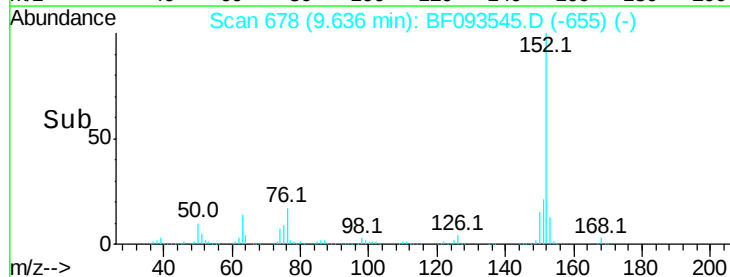
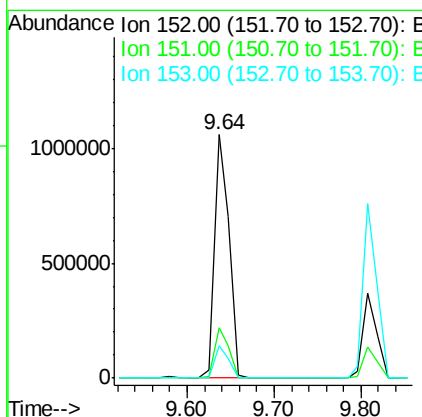
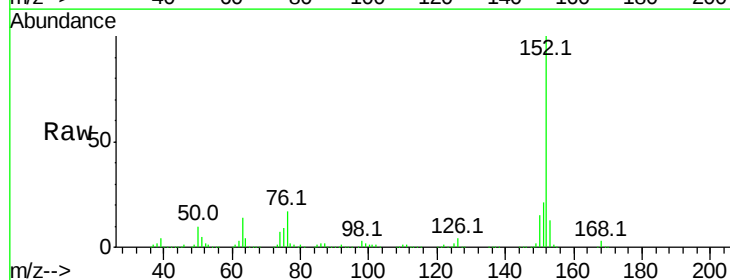
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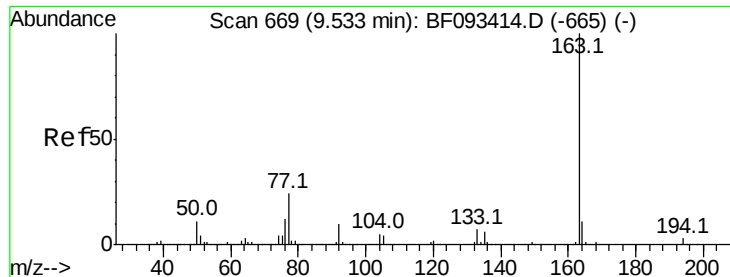
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#48
Acenaphthylene
Concen: 40.90 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.5	11.4	17.2





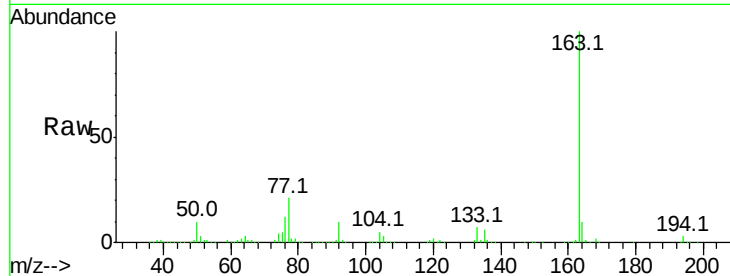
#49
Dimethylphthalate
Concen: 42.61 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

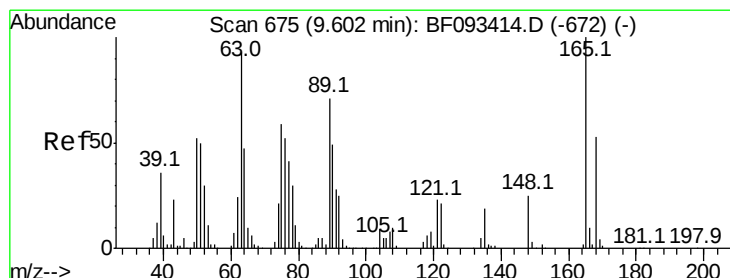
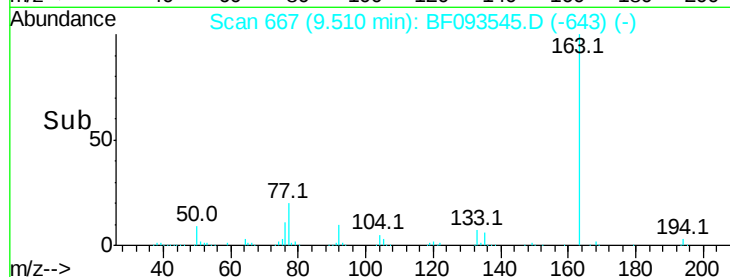
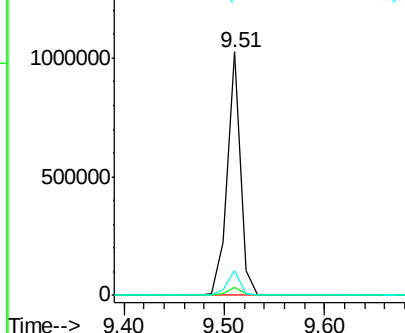
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	3.0	4.4	
164	10.3	8.0	12.0	

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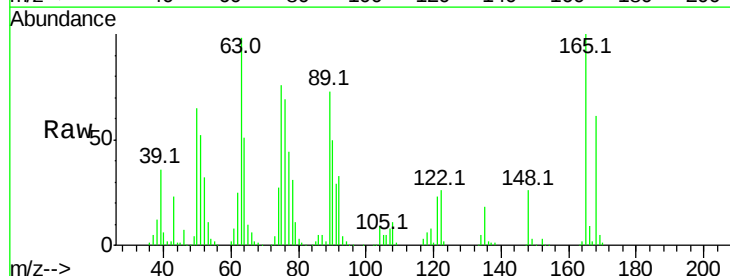


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

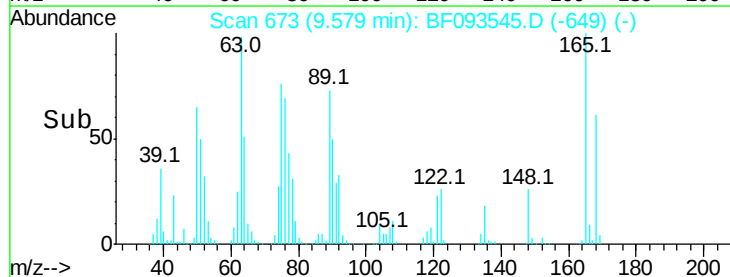
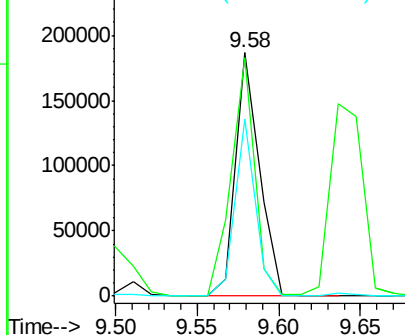


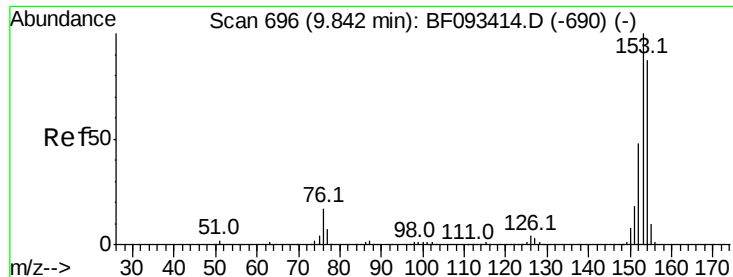
#50
2,6-Dinitrotoluene
Concen: 38.70 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	98.2	36.2	54.4#	
89	73.0	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: 39.60 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

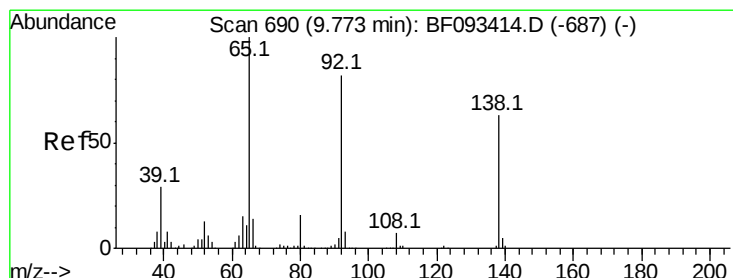
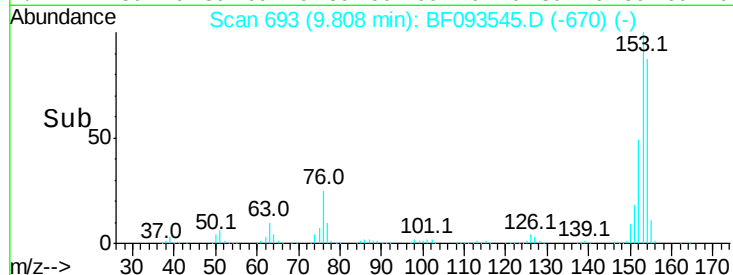
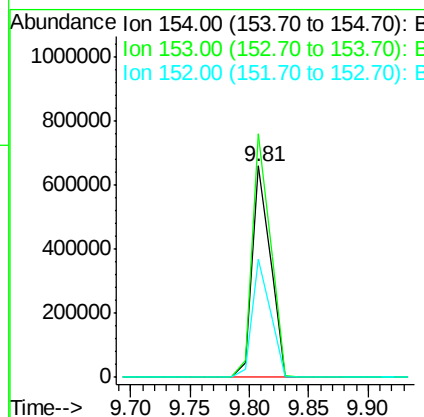
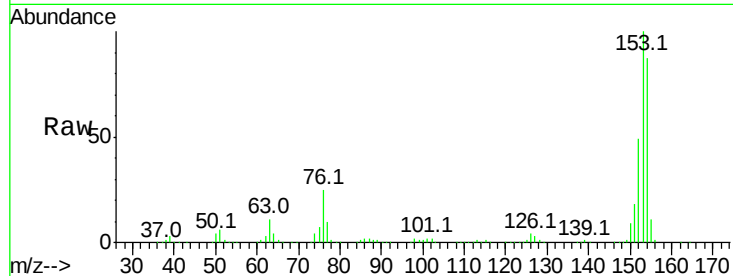
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	715466
Ion Ratio	Lower	Upper	
154	100		
153	115.3	88.6	133.0
152	56.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 43.75 ng

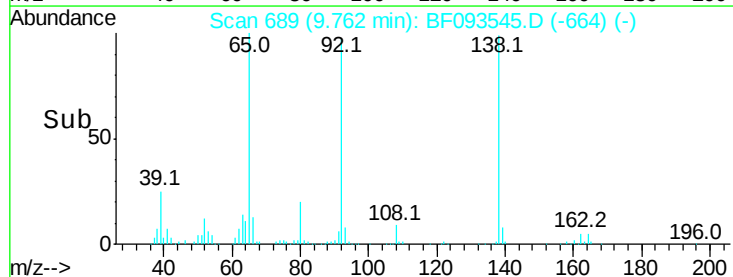
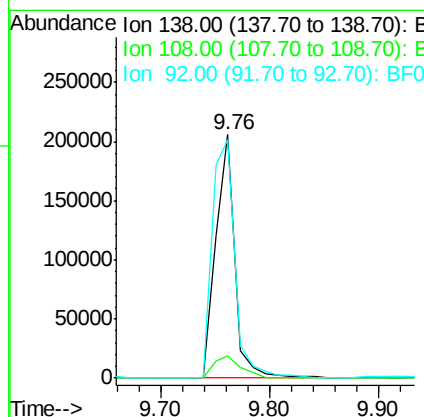
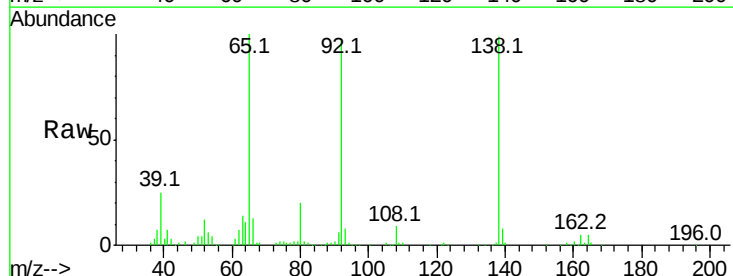
RT: 9.76 min Scan# 689

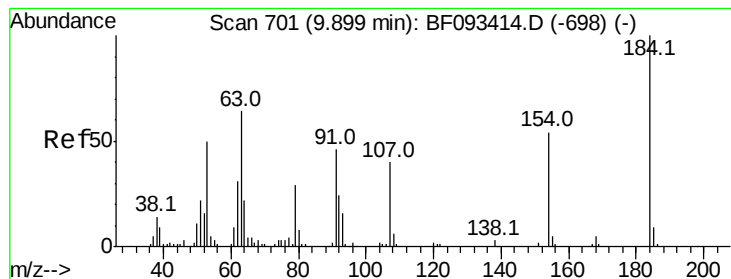
Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Tgt Ion:	138	Resp:	254042
Ion Ratio	Lower	Upper	
138	100		
108	9.3	8.5	12.7
92	98.0	97.8	146.8





#53

2,4-Dinitrophenol

Concen: 4.74 ng

RT: 9.91 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 10442

Ion Ratio Lower Upper

184 100

63 69.3 28.4 42.6#

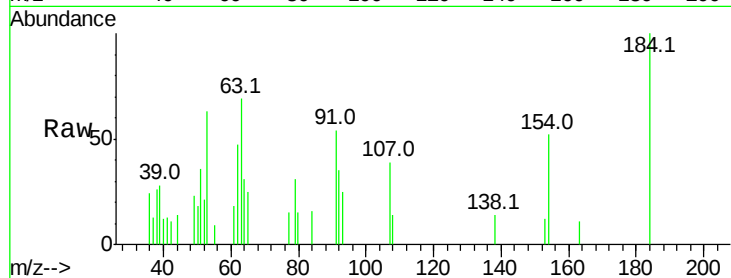
154 51.9 44.3 66.5

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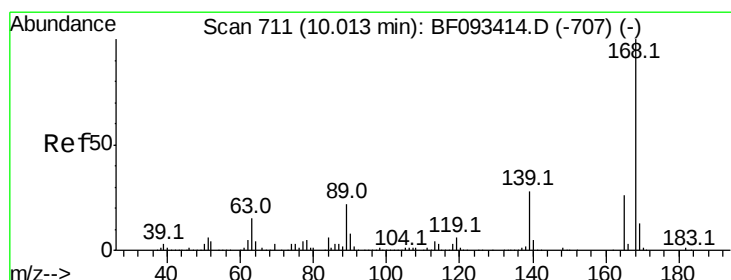
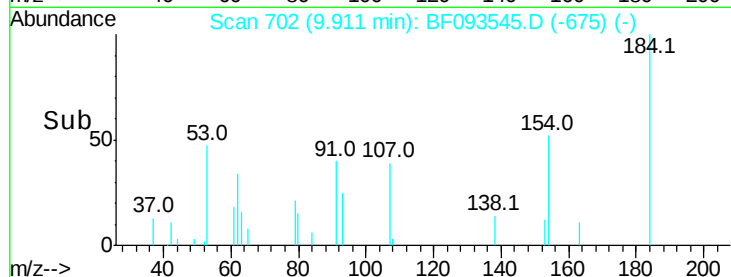
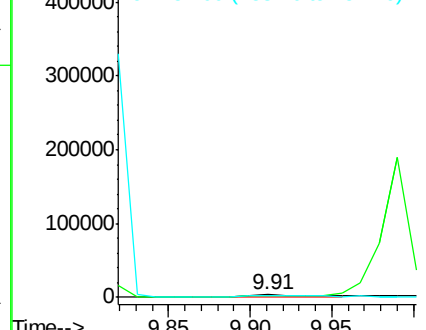
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.60 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

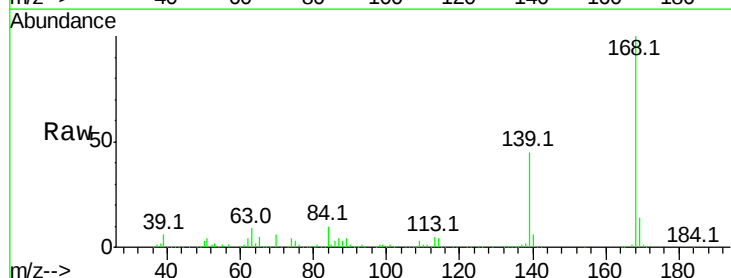
Tgt Ion:168 Resp: 1031147

Ion Ratio Lower Upper

168 100

139 44.7 32.6 49.0

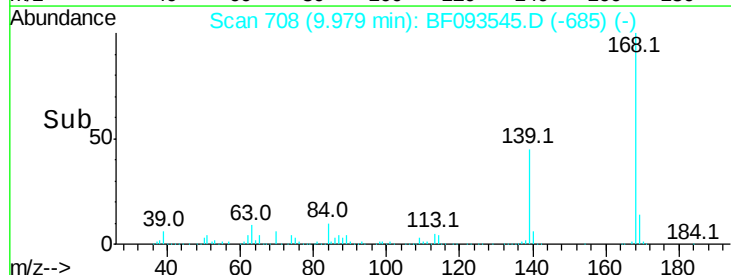
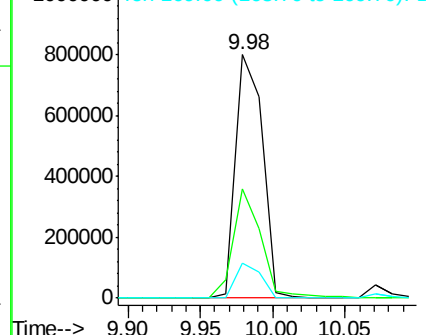
169 14.2 11.3 16.9

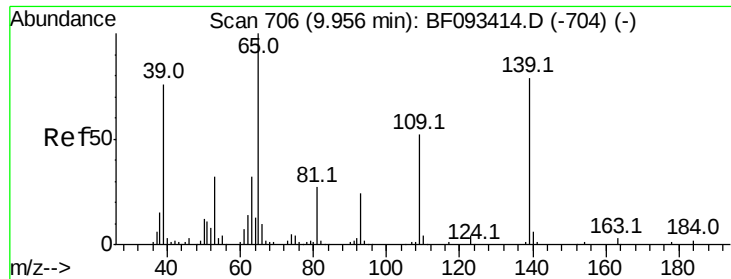


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





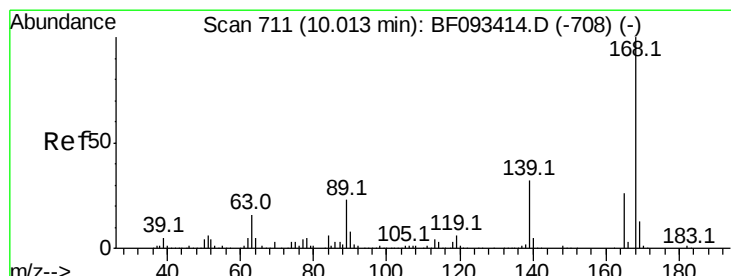
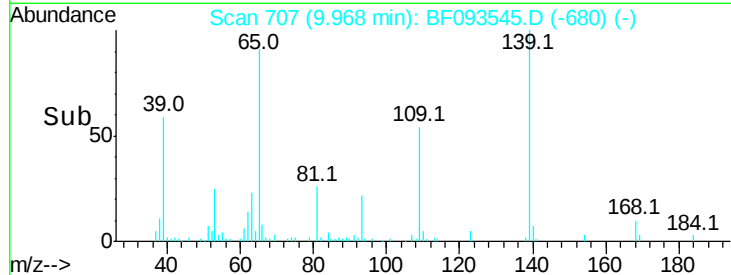
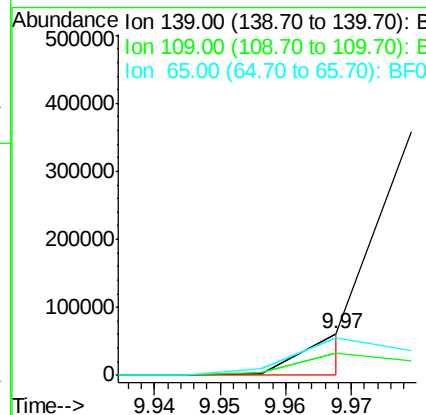
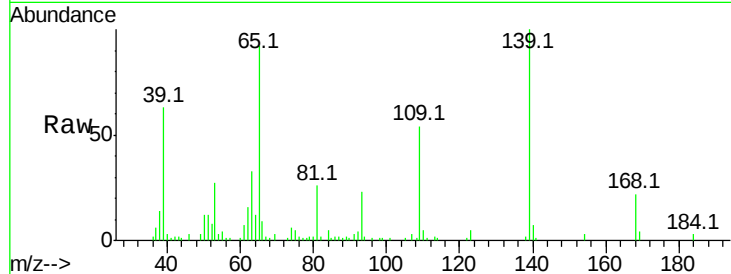
#55
4-Nitrophenol
Concen: 15.39 ng/mL
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	53.6	52.2	92.2
65	91.7	85.8	125.8

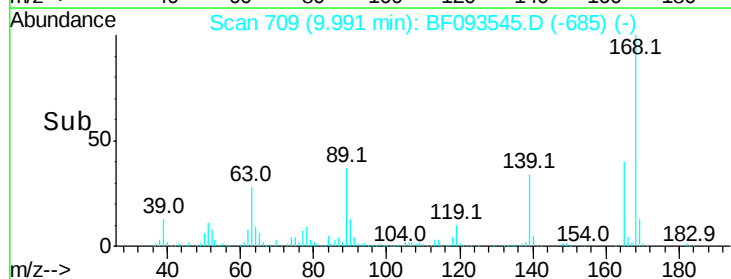
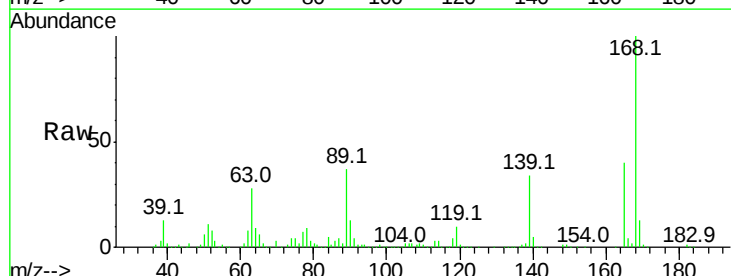
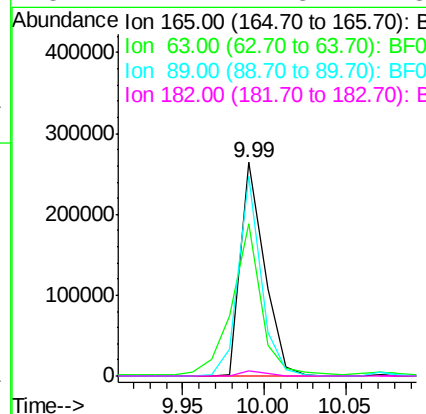
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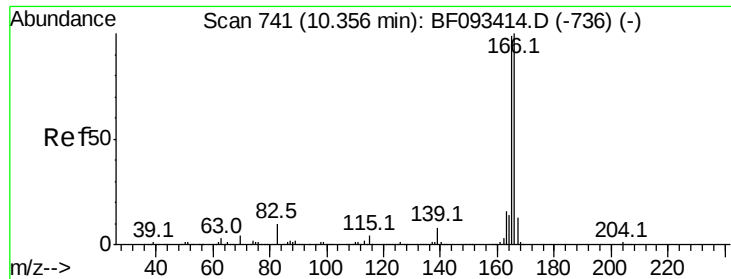
mohammad
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#56
2,4-Dinitrotoluene
Concen: 44.80 ng/mL
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.5	40.2	60.4#
89	93.2	62.5	93.7
182	2.2	1.8	2.8





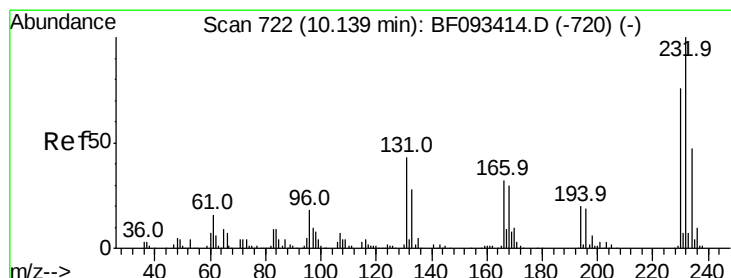
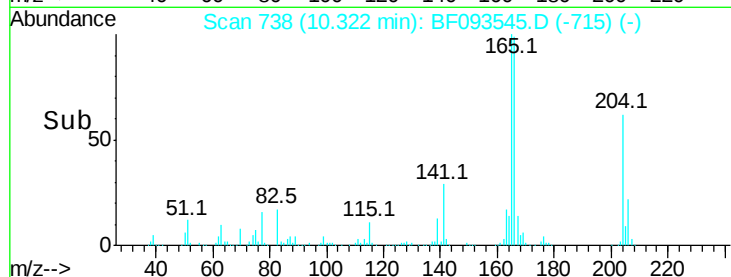
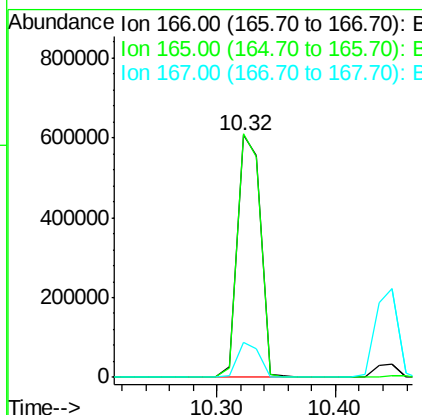
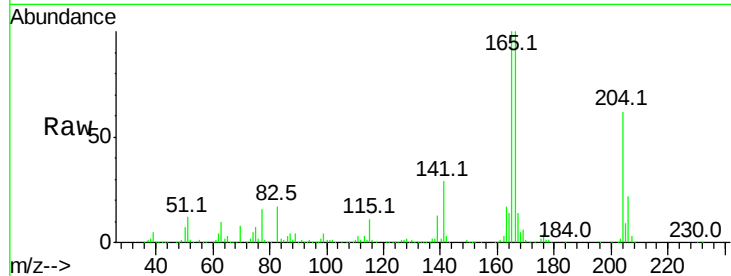
#57
Fluorene
Concen: 43.03 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.8
167	14.4	10.8	16.2

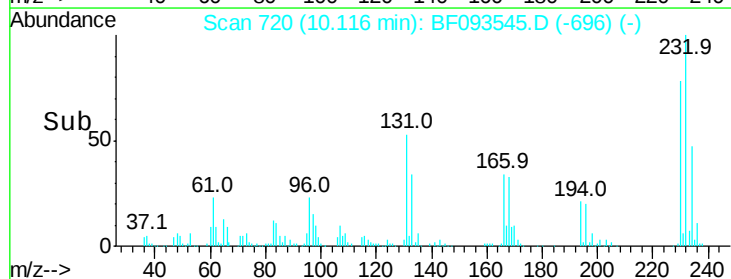
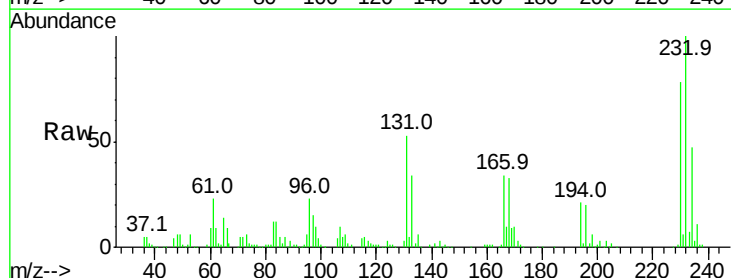
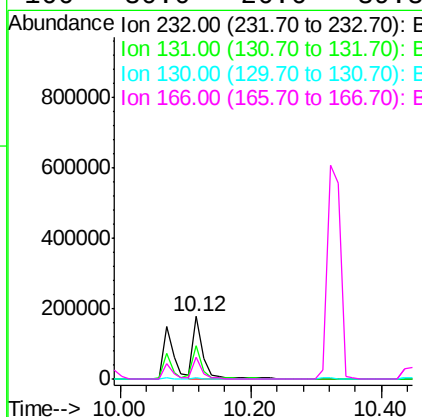
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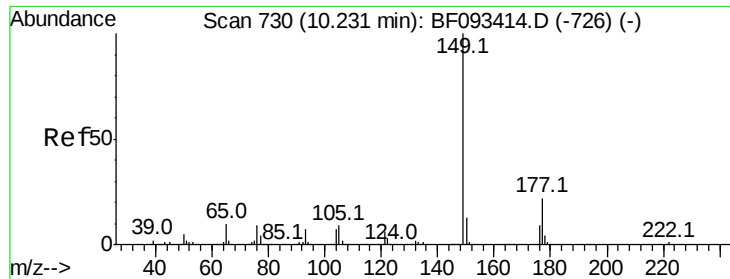
mohammad
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#58
2,3,4,6-Tetrachlorophenol
Concen: 44.48 ng
RT: 10.12 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.3	40.1	60.1
130	2.2	1.8	2.8
166	30.0	26.6	39.8





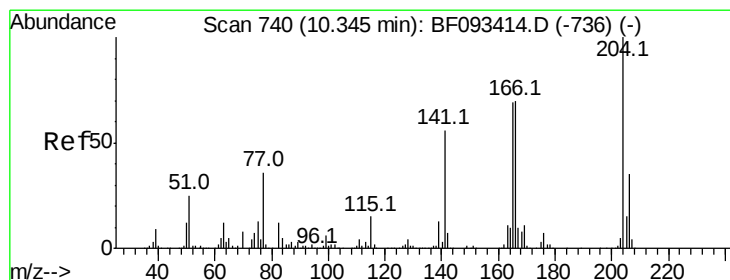
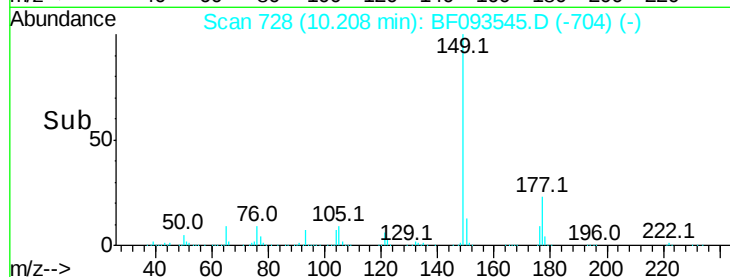
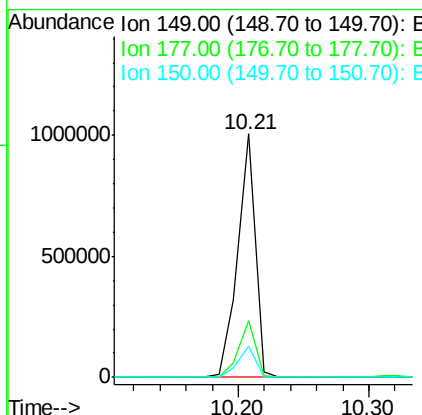
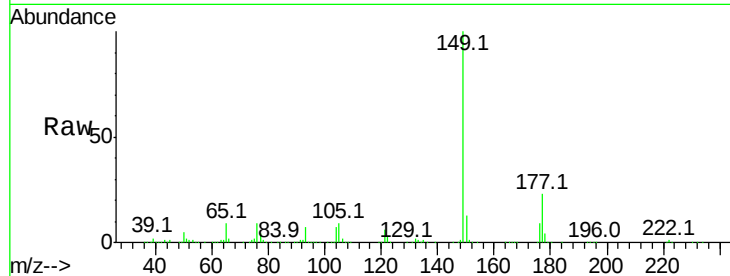
#59
Diethylphthalate
Concen: 44.44 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	935479		
177	23.2	16.6	25.0	
150	12.7	10.4	15.6	

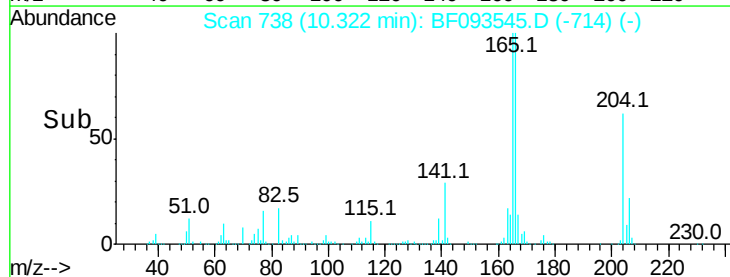
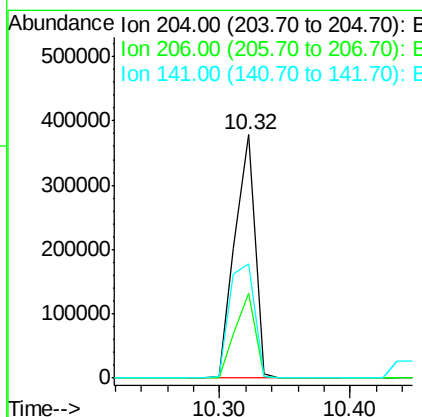
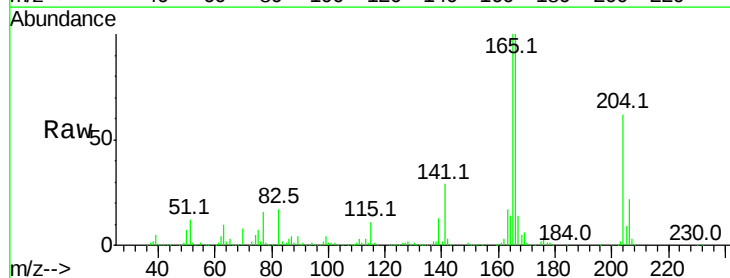
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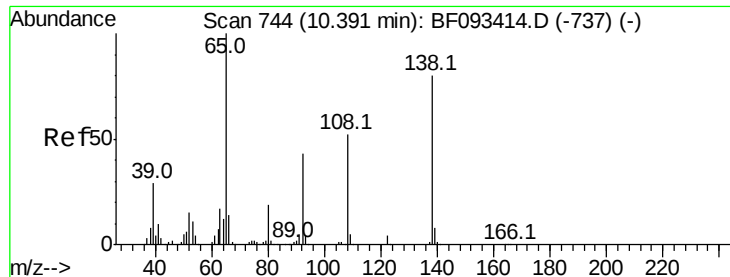
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.14 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	404917		
206	35.0	25.8	38.6	
141	46.9	59.4	89.0#	





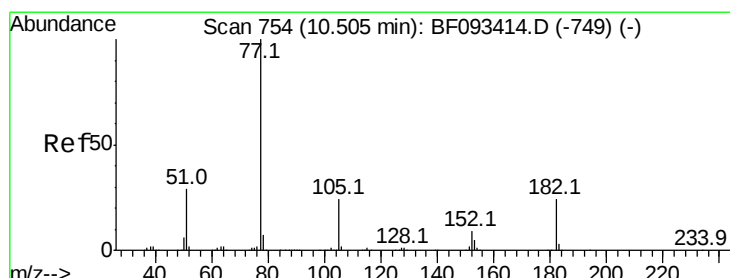
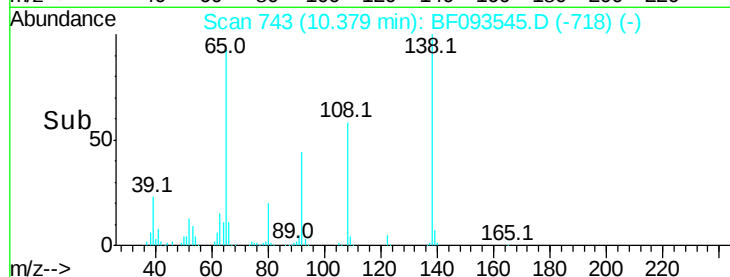
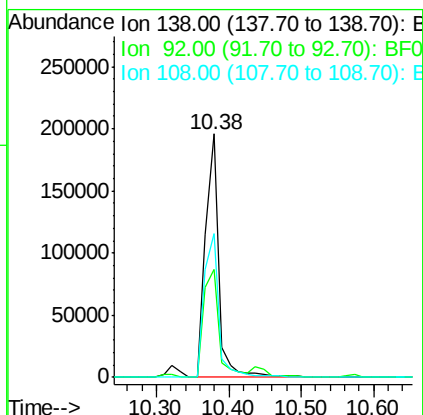
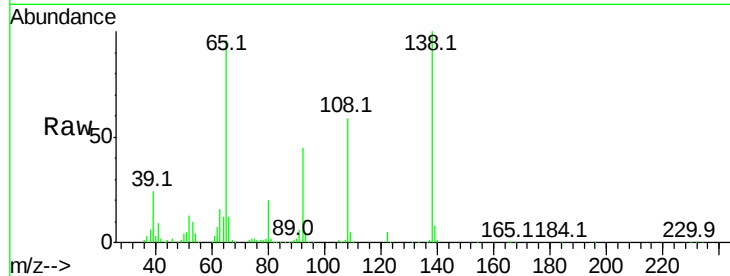
#61
4-Nitroaniline
Concen: 42.32 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.6	31.7	71.7
108	58.8	52.6	92.6

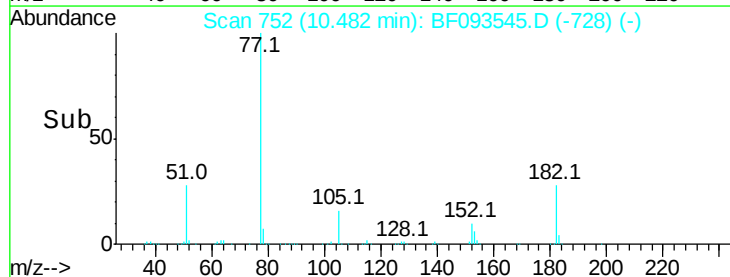
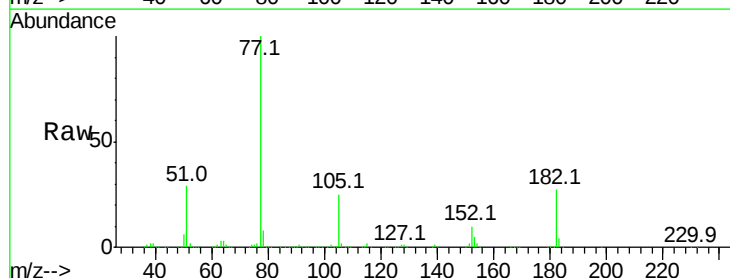
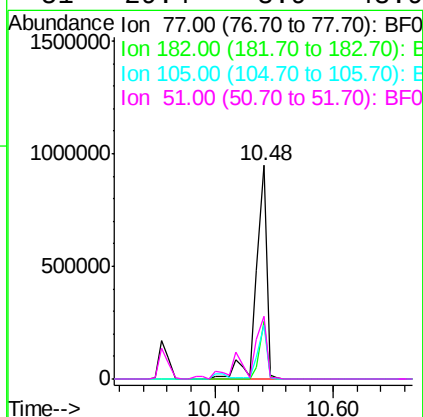
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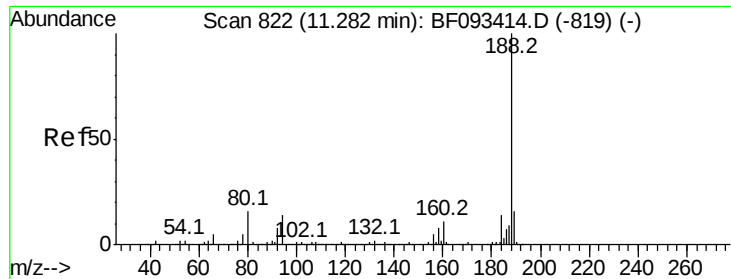
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#62
Azobenzene
Concen: 46.96 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	0.0	39.3
105	24.9	2.3	42.3
51	29.4	8.9	48.9





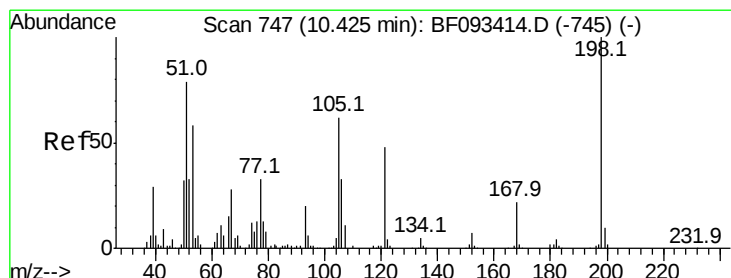
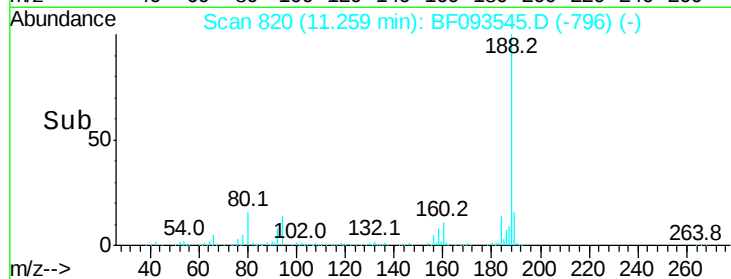
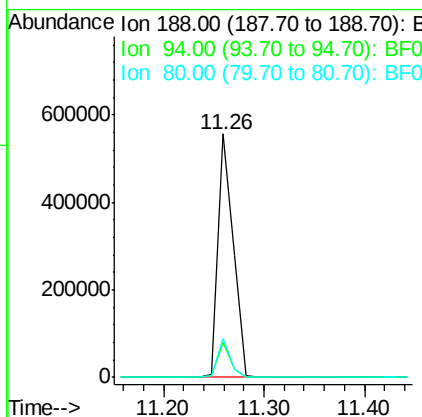
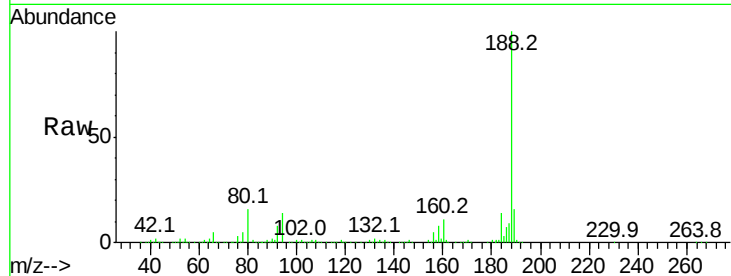
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	585949		
94	14.2		10.0	15.0
80	15.9		11.2	16.8

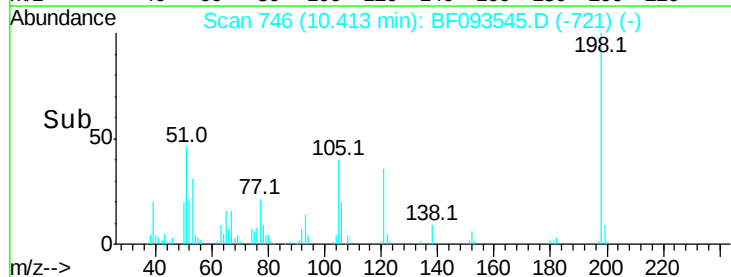
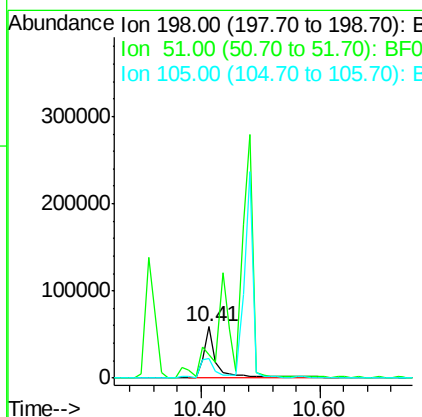
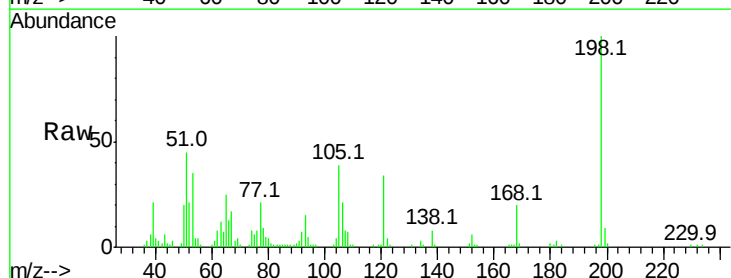
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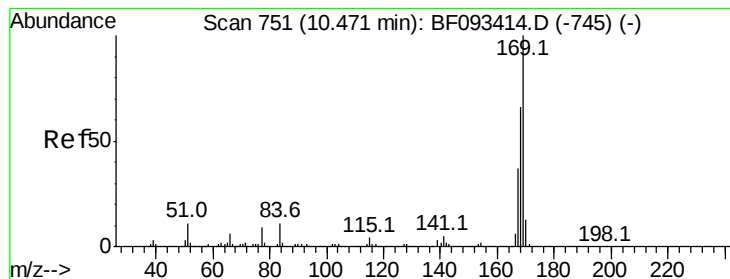
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.02 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	94976		
51	44.5		6.7	46.7
105	38.8		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 38.88 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

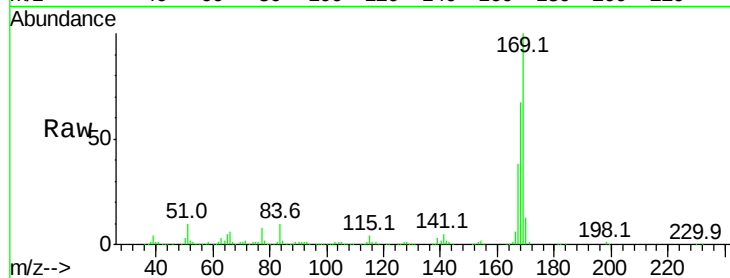
ClientSampleId :

SSTDCCC040

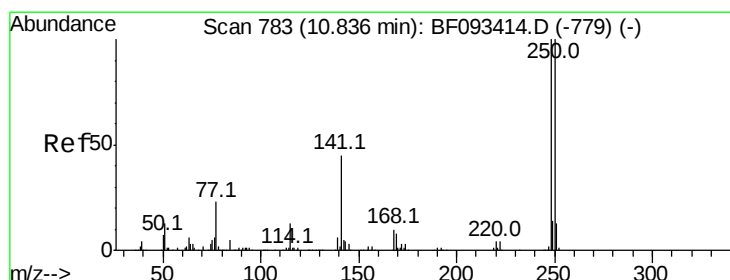
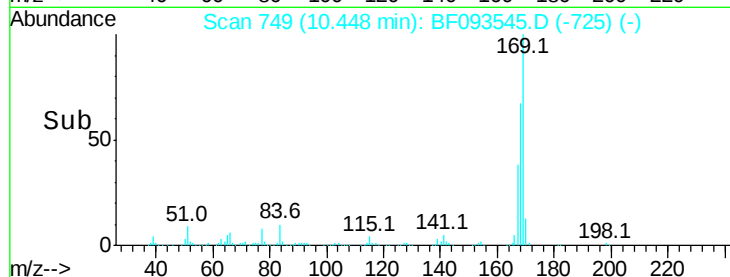
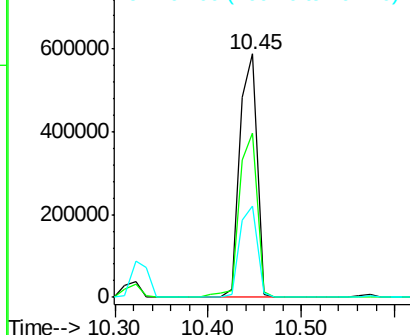
Tot Ion:	169	Resp:	760652
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.2	81.2
167	37.7	30.2	45.4

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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: 37.56 ng

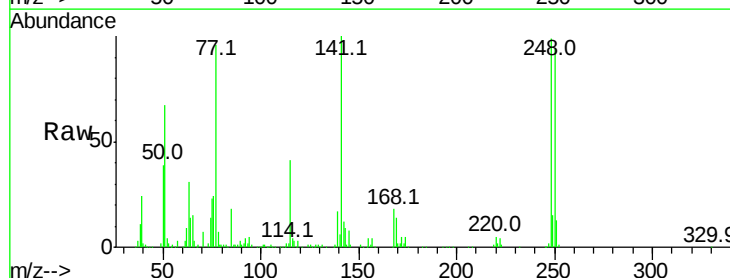
RT: 10.80 min Scan# 780

Delta R.T. -0.03 min

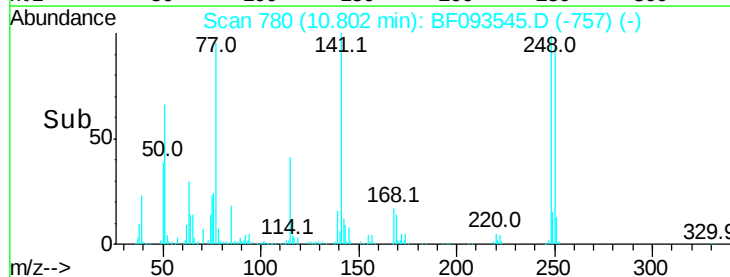
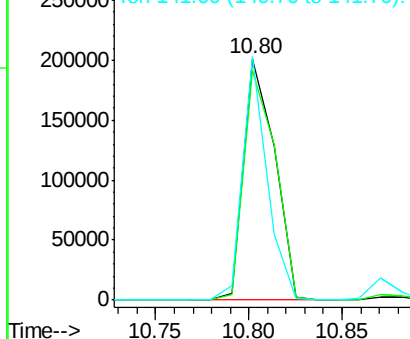
Lab File: BF093545.D

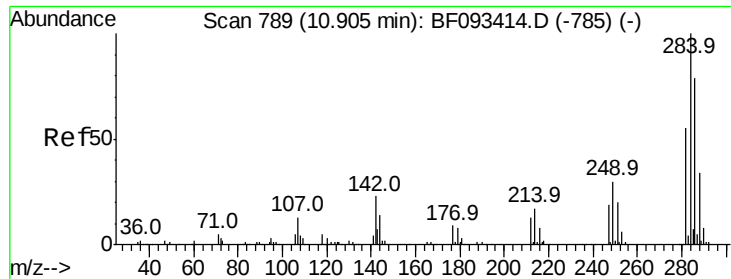
Acq: 11 Mar 2017 2:10

Tgt Ion:	248	Resp:	232698
Ion Ratio	Lower	Upper	
248	100		
250	95.2	76.9	115.3
141	101.0	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





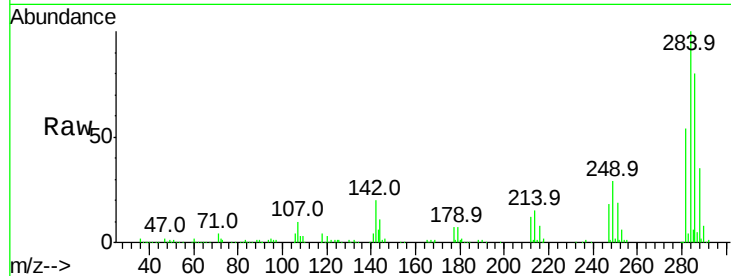
#67
Hexachlorobenzene
Concen: 38.49 ng
RT: 10.88 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

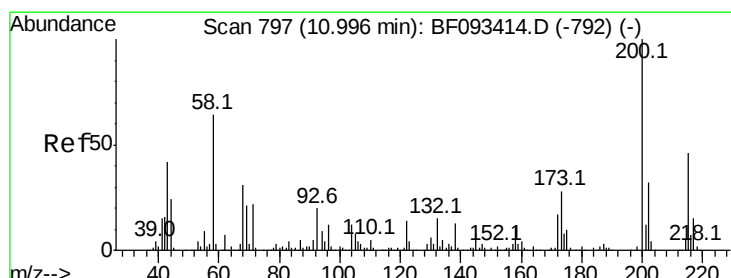
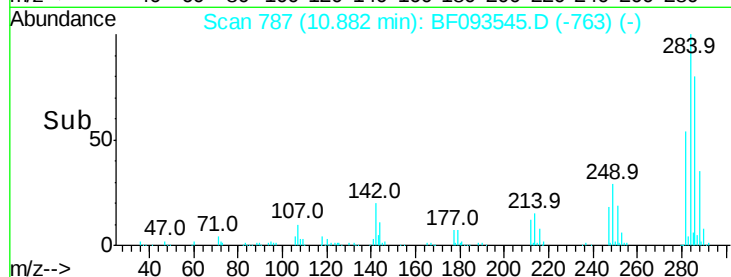
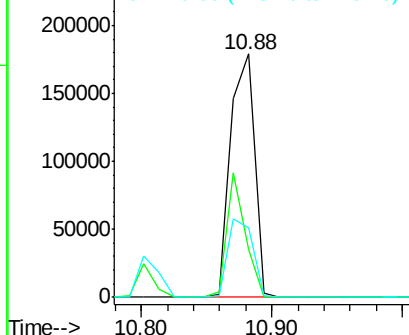
Tot Ion	Ratio	Resp	Lower	Upper
284	100	227751		
142	19.6	22.6	33.8#	
249	28.7	25.4	38.0	

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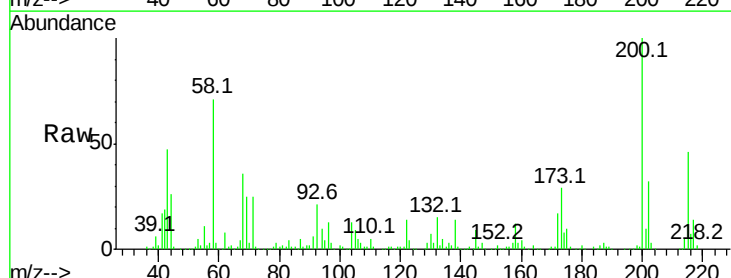


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

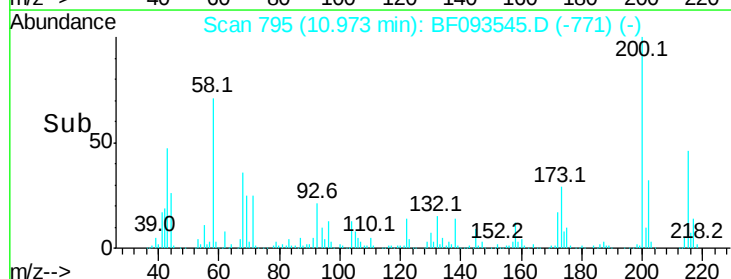
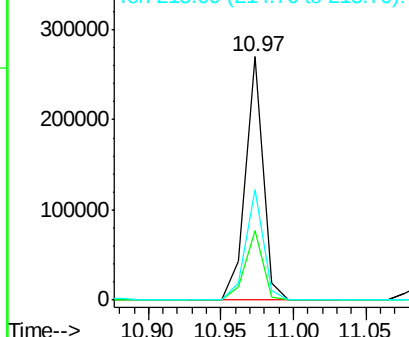


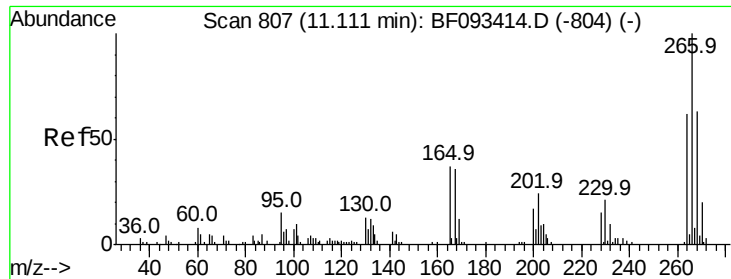
#68
Atrazine
Concen: 40.08 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	229534		
173	28.6	9.6	49.6	
215	45.5	25.7	65.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





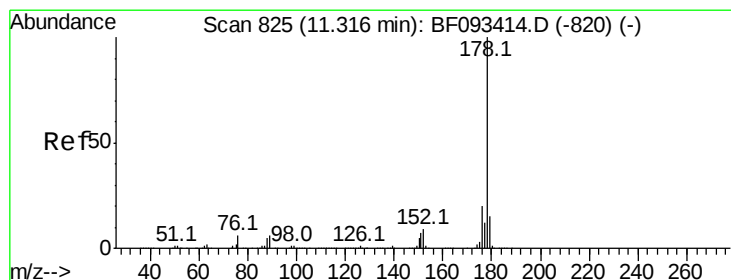
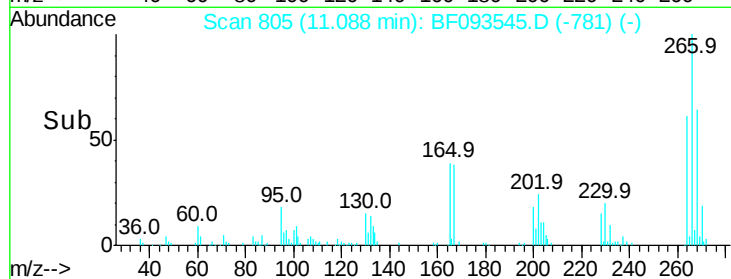
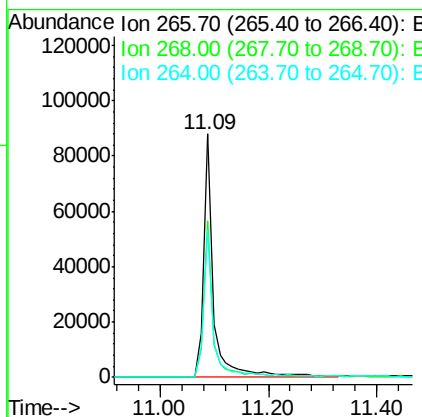
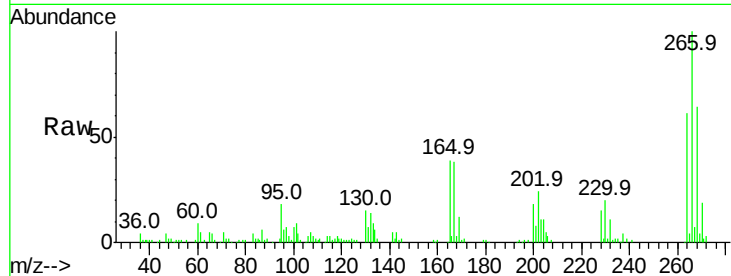
#69
 Pentachlorophenol
 Concen: 54.28 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	110888		
268	64.3		53.3	79.9
264	60.6		50.3	75.5

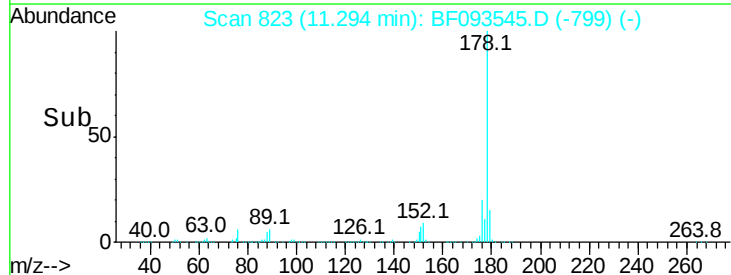
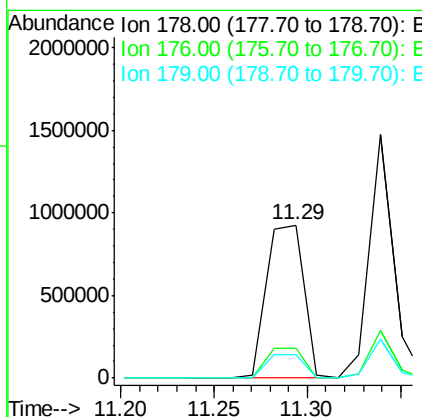
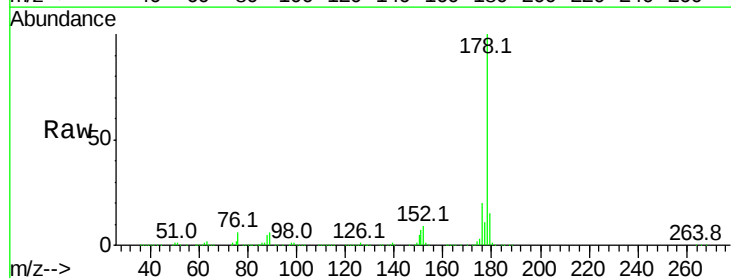
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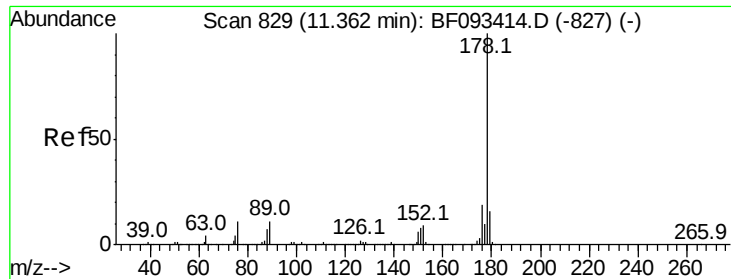
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#70
 Phenanthrene
 Concen: 38.31 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1281272		
176	19.7		16.6	25.0
179	15.1		12.8	19.2





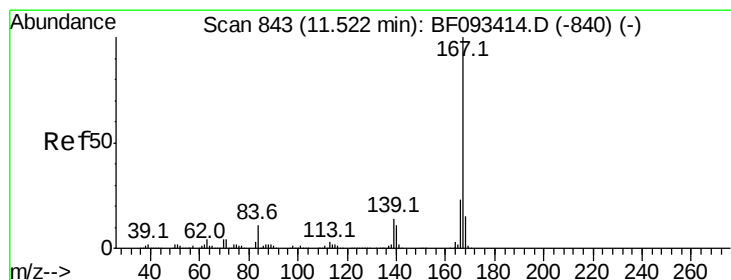
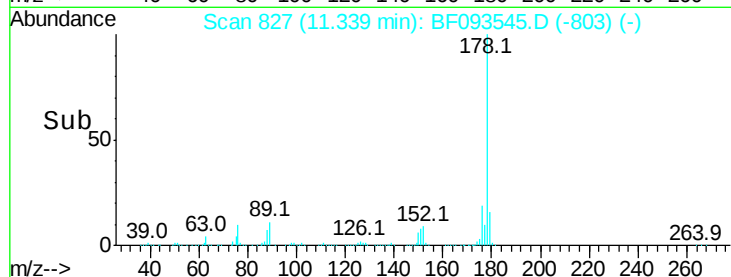
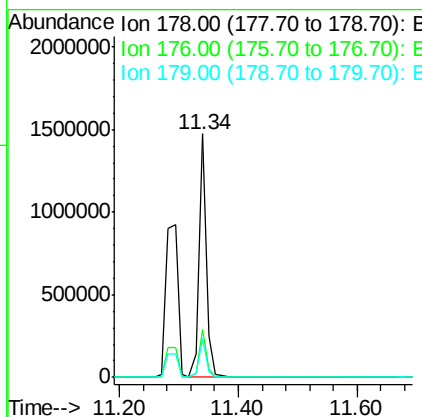
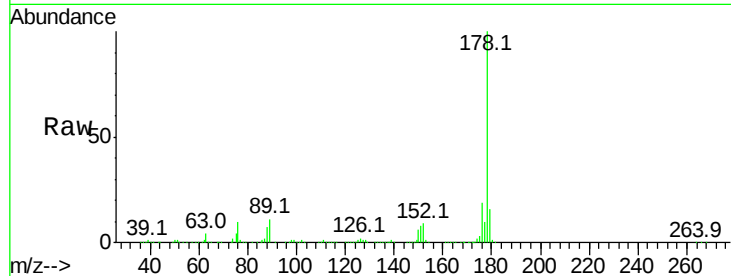
#71
 Anthracene
 Concen: 38.78 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1311902
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.9 13.2 19.8

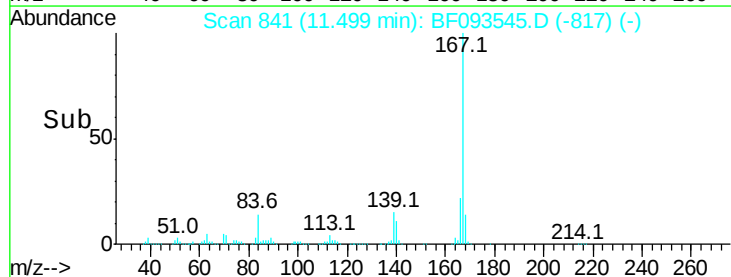
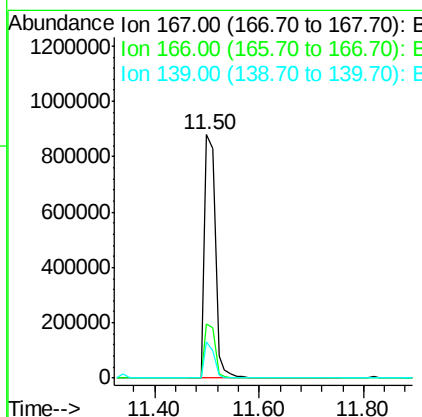
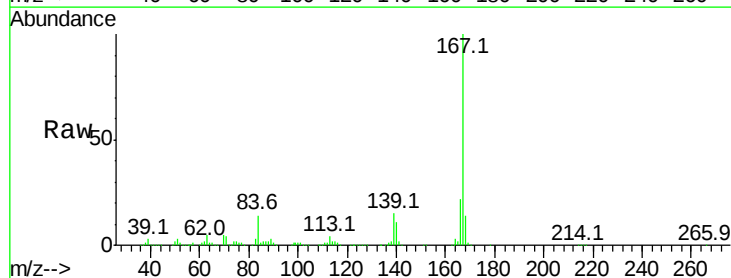
Manual Integrations
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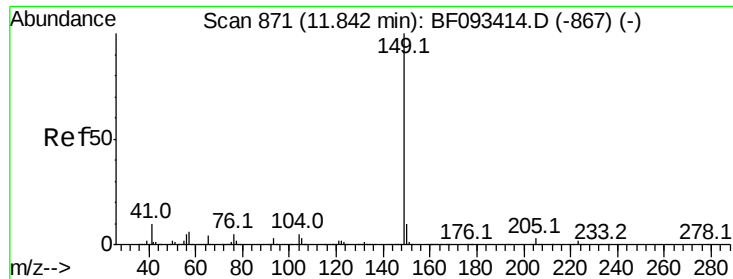
mohammad
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#72
 Carbazole
 Concen: 40.19 ng
 RT: 11.50 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion:167 Resp: 1277239
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 14.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 37.95 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1395586

Ion Ratio Lower Upper

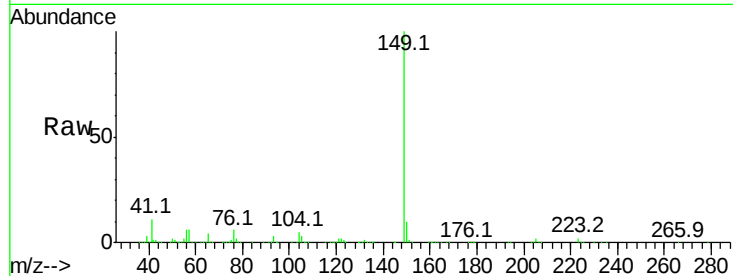
149 100

150 9.6 8.1 12.1

104 5.3 4.6 7.0

Manual Integrations
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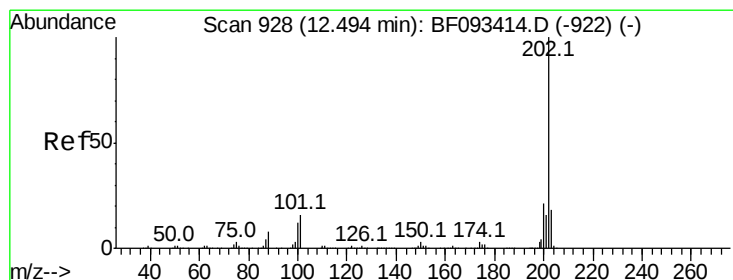
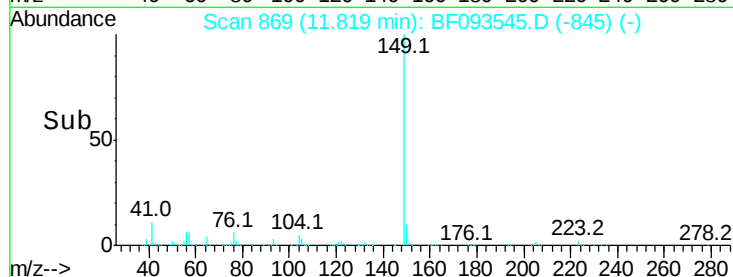
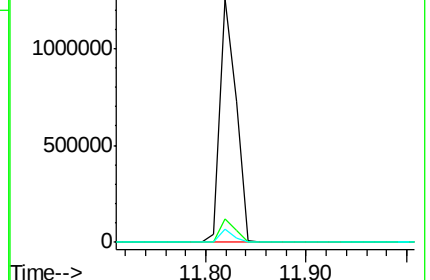
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.84 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

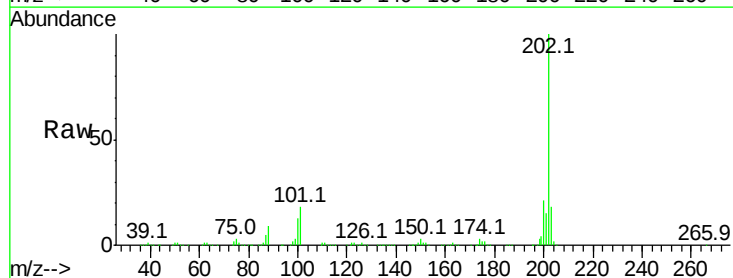
Tgt Ion:202 Resp: 1287096

Ion Ratio Lower Upper

202 100

101 17.6 0.0 34.6

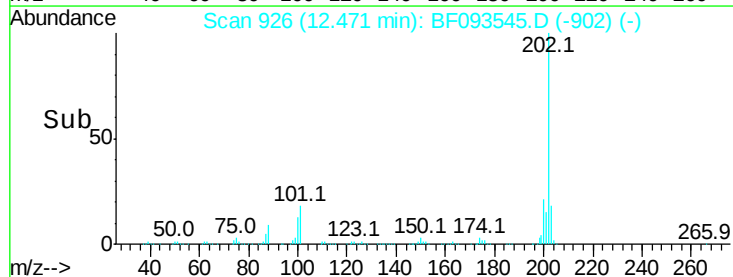
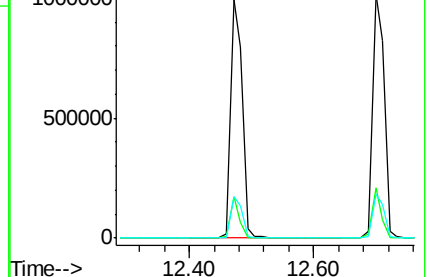
203 17.6 0.0 38.7

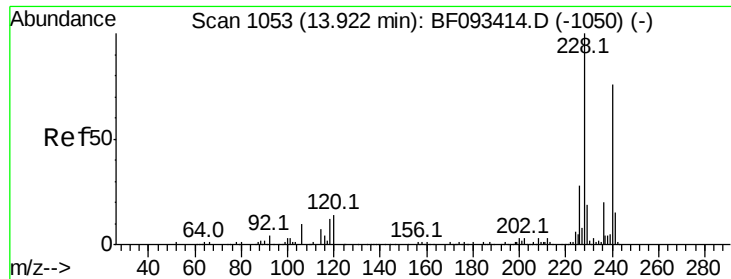


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

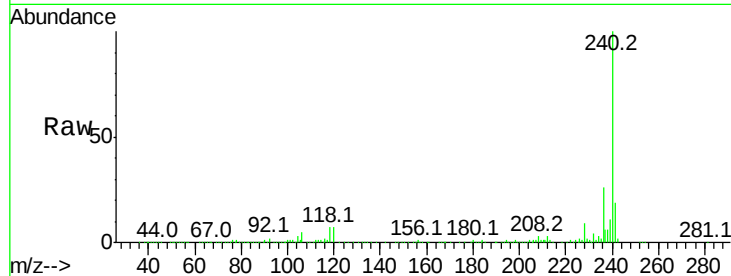
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	12.9	19.3#
236	25.6	20.9	31.3

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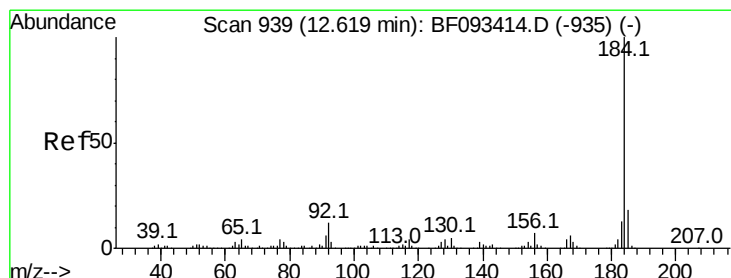
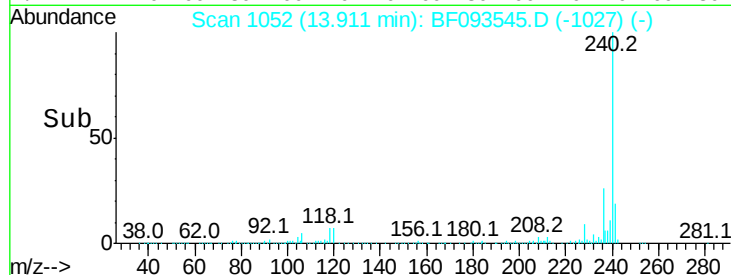
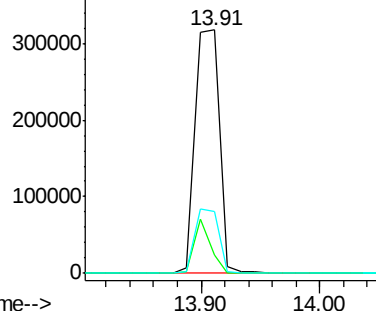
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.94 ng

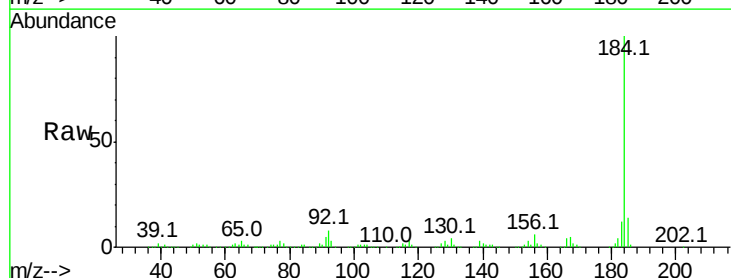
RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

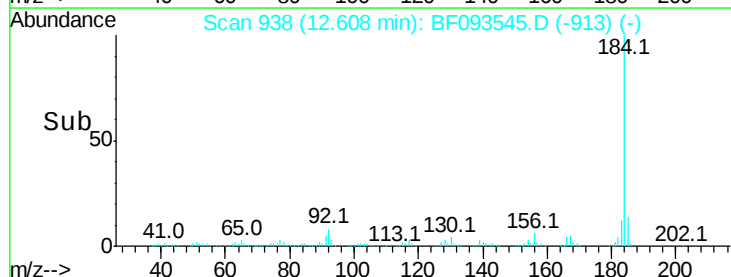
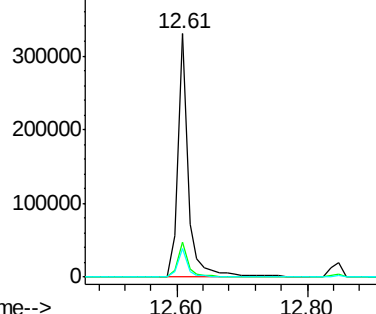
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.0
183	11.7	9.2	13.8

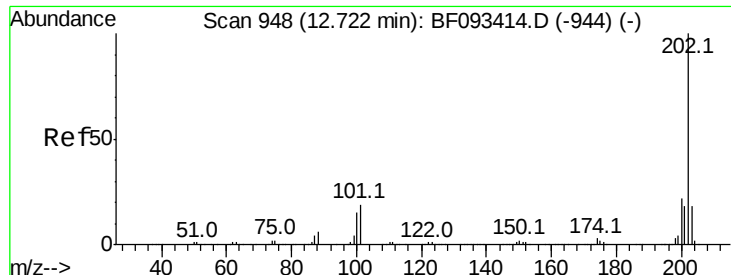


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





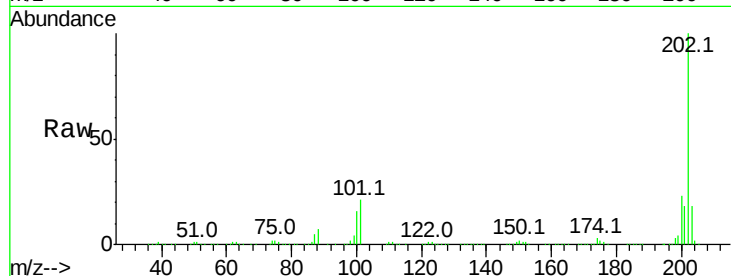
#77
Pvrene
Concen: 40.08 ng
RT: 12.70 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

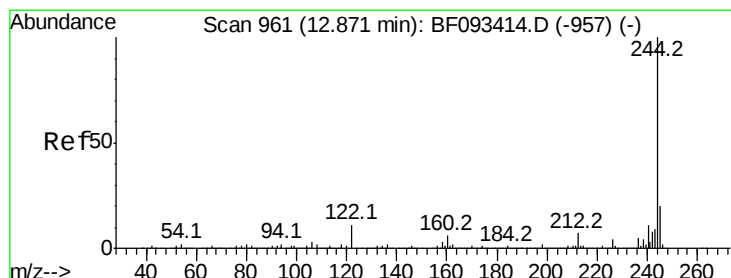
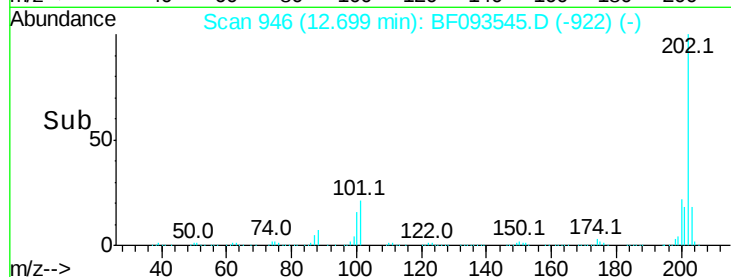
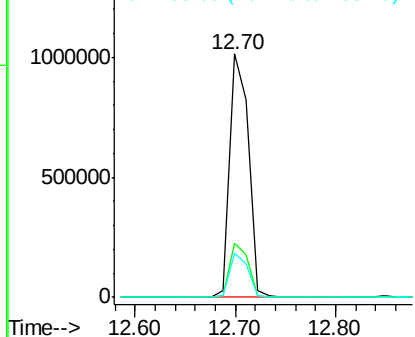
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.0	14.7	22.1

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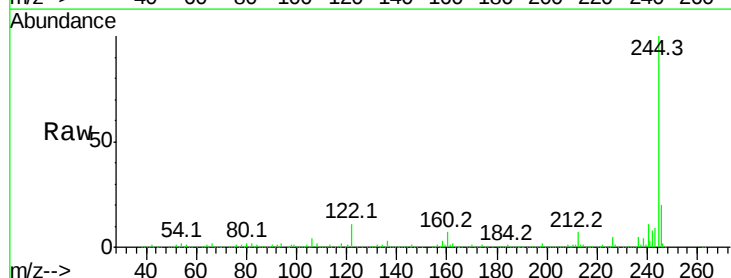


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

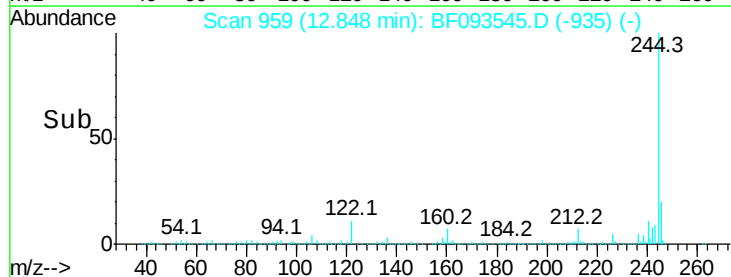
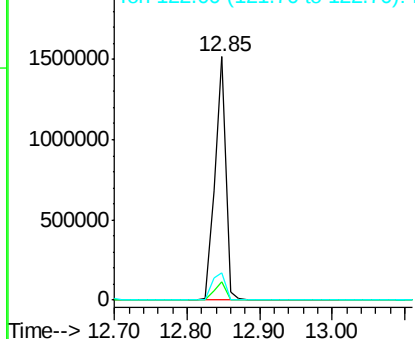


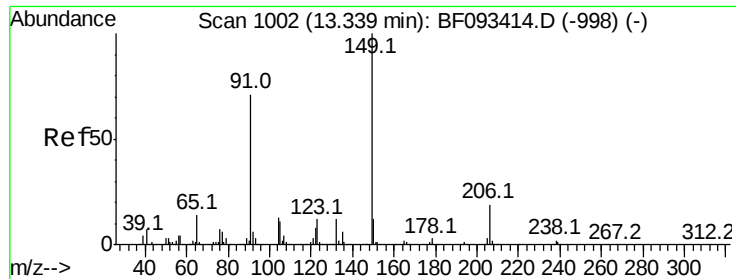
#78
Terphenyl-d14
Concen: 90.72 ng
RT: 12.85 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	11.1	11.4	17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





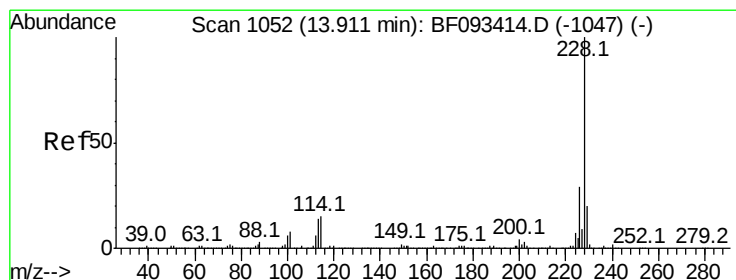
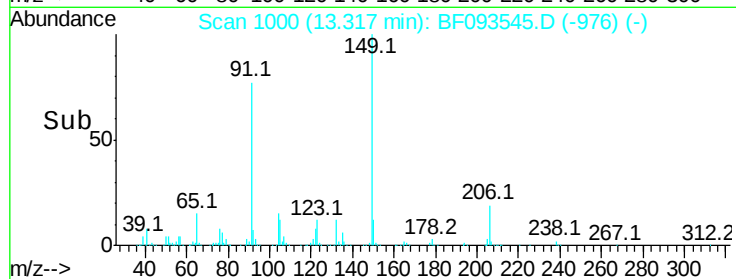
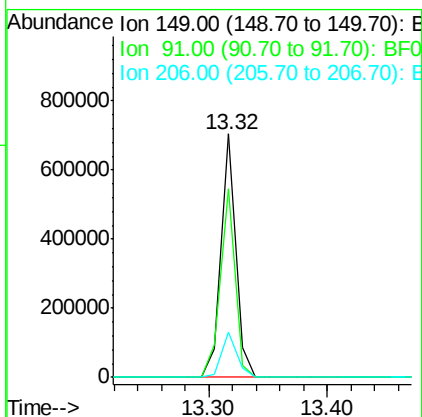
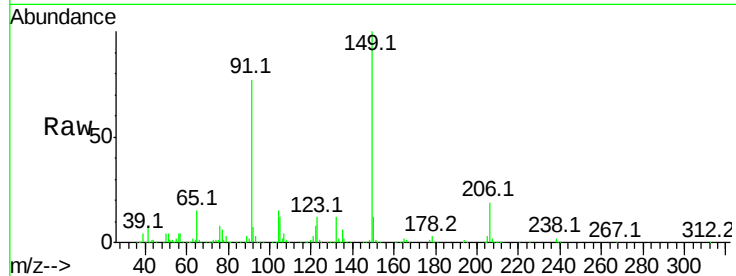
#79
Butylbenzylphthalate
Concen: 43.95 ng
RT: 13.32 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.2	63.9	95.9
206	18.6	14.6	21.8

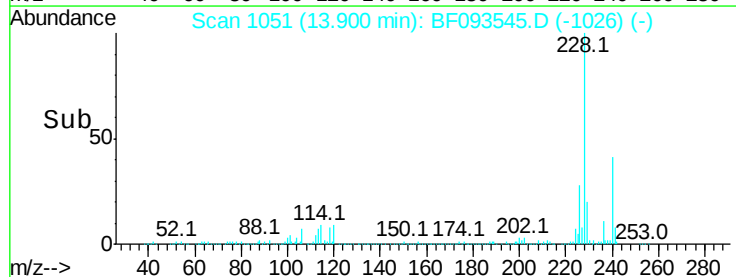
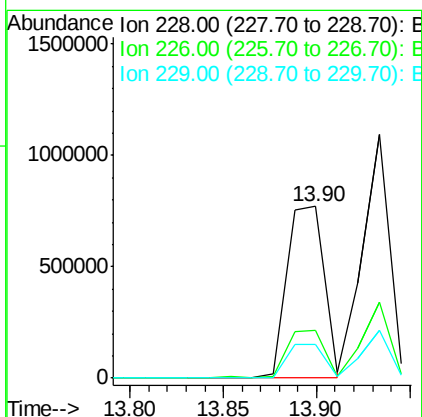
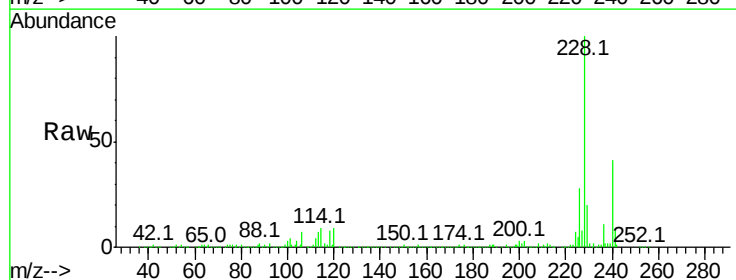
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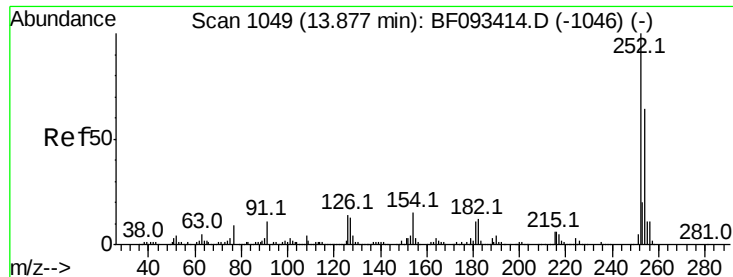
mohammad
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#80
Benzo(a)anthracene
Concen: 40.68 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	19.8	16.2	24.4





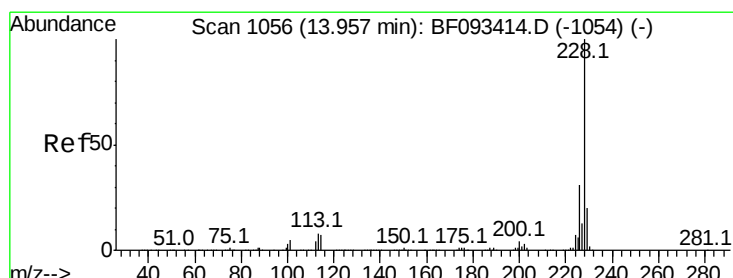
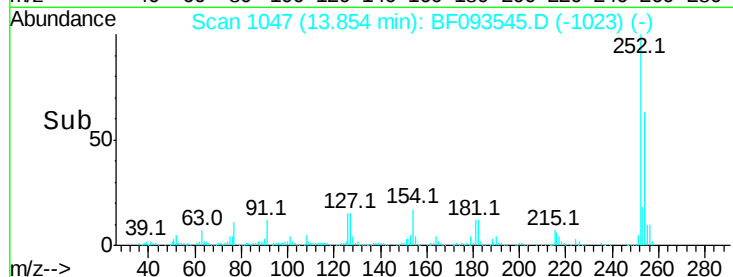
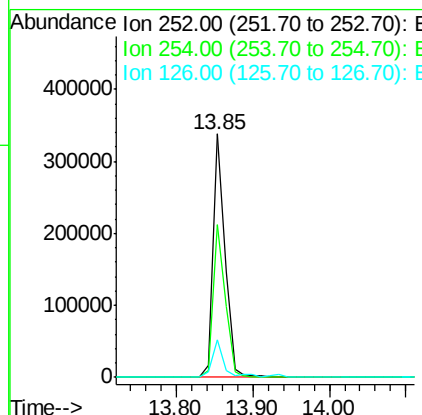
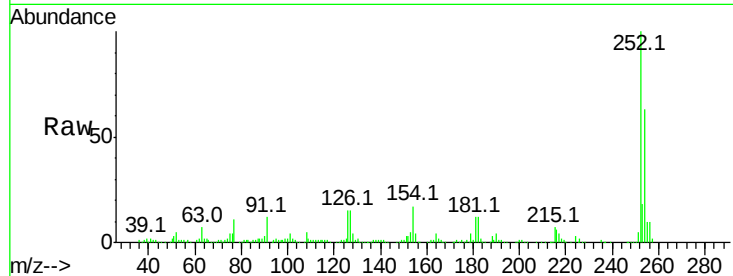
#81
 3,3'-Dichlorobenzidine
 Concen: 38.80 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	359866		
254	62.9	52.3	78.5	
126	15.4	13.6	20.4	

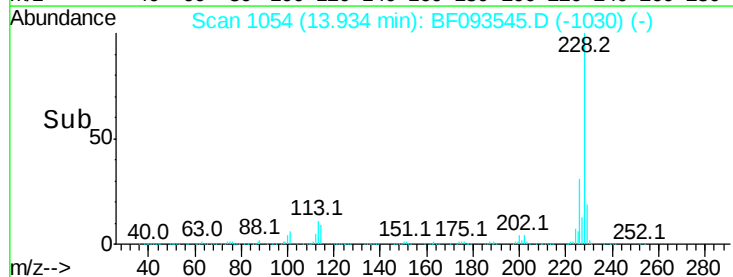
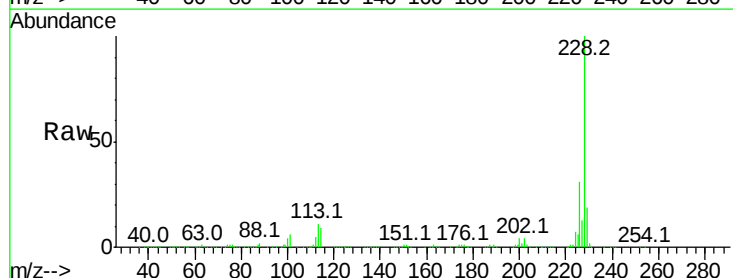
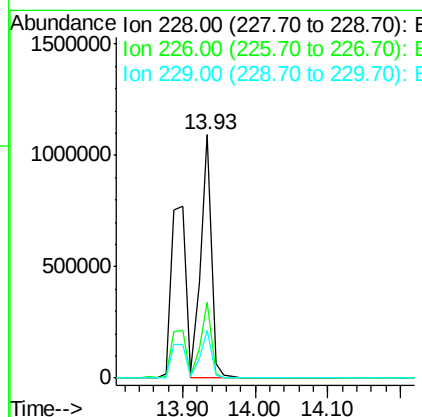
Manual Integrations
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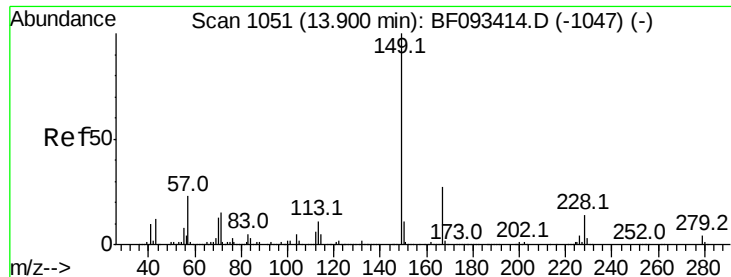
mohammad
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#82
 Chrysene
 Concen: 45.20 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1107559		
226	31.2	25.4	38.0	
229	19.5	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.14 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 863802

Ion Ratio Lower Upper

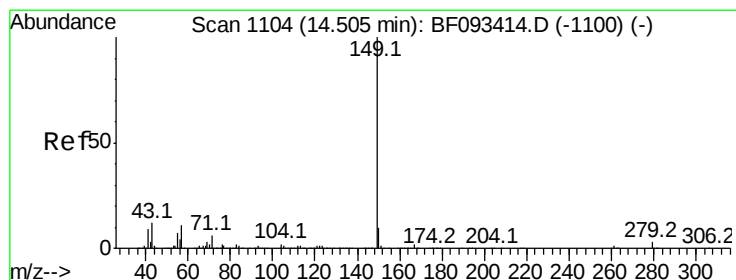
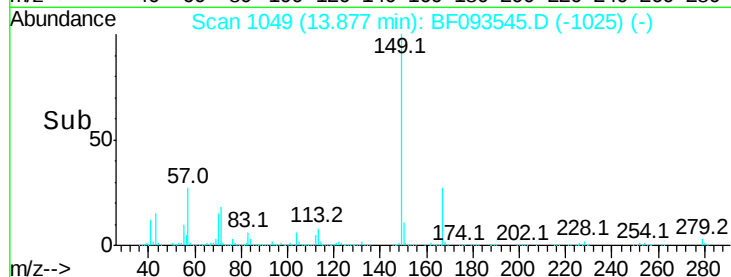
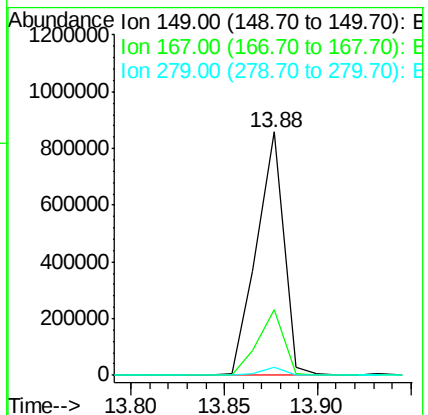
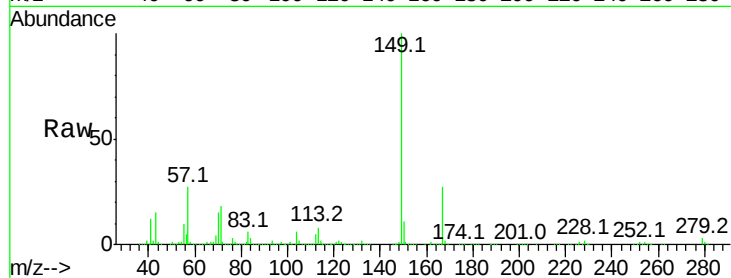
149 100

167 27.1 20.2 30.4

279 3.3 1.8 2.8#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 40.25 ng

RT: 14.48 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

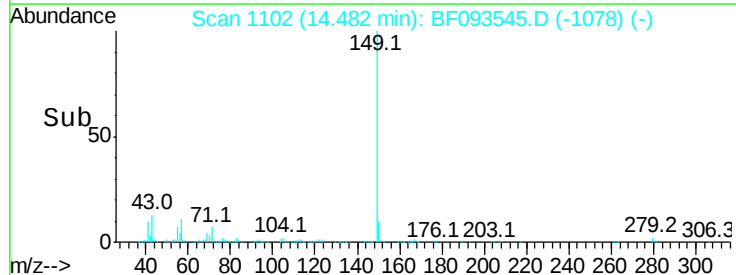
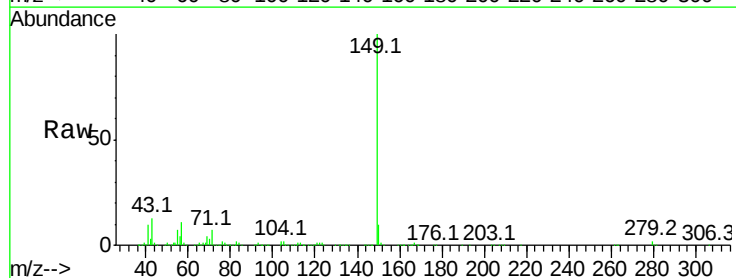
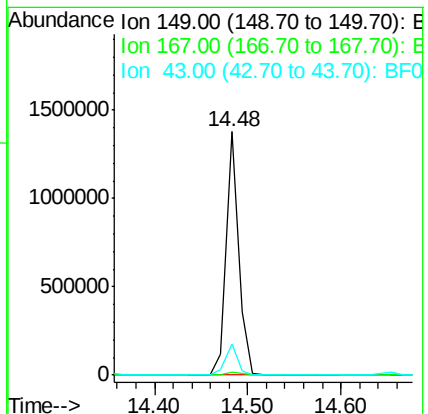
Tgt Ion:149 Resp: 1283875

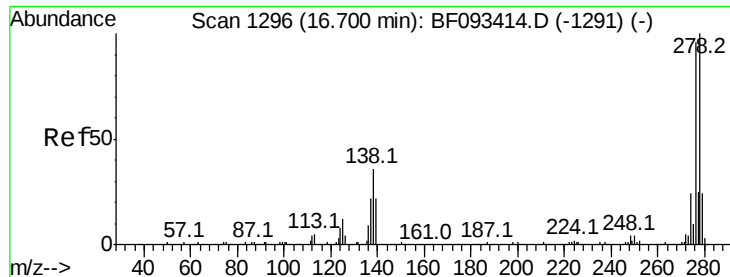
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.5 8.9 13.3





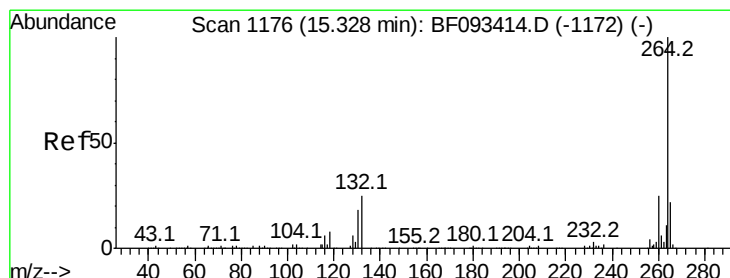
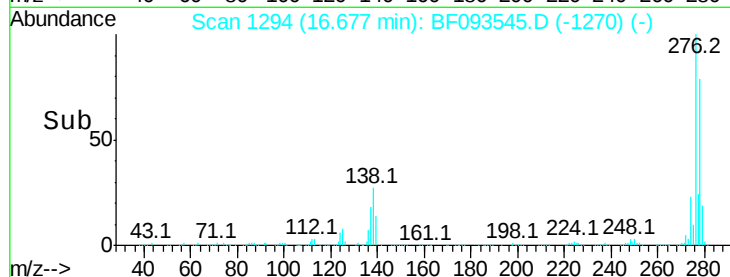
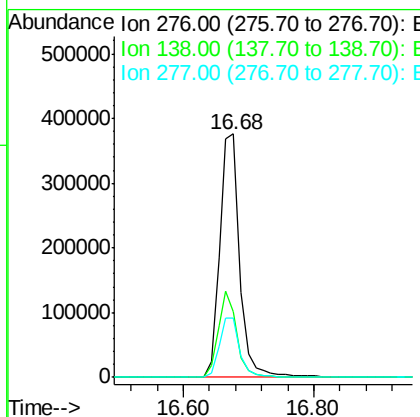
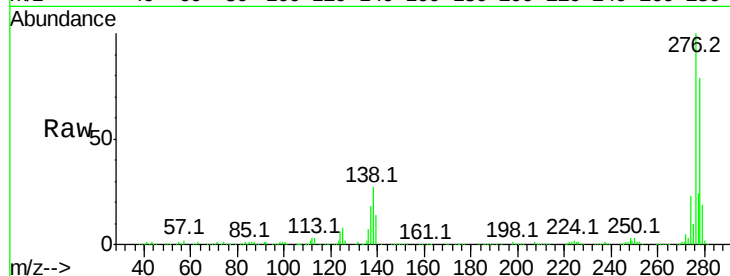
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.24 ng
RT: 16.68 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.8	32.6
277	24.9	20.2	30.4

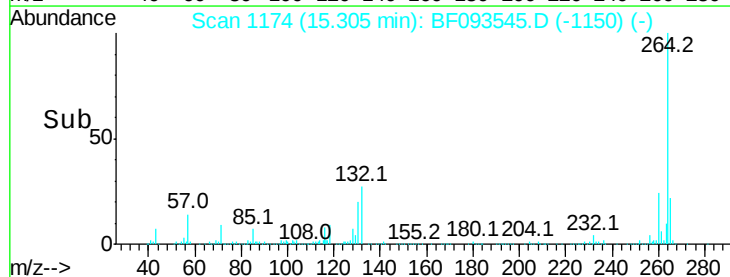
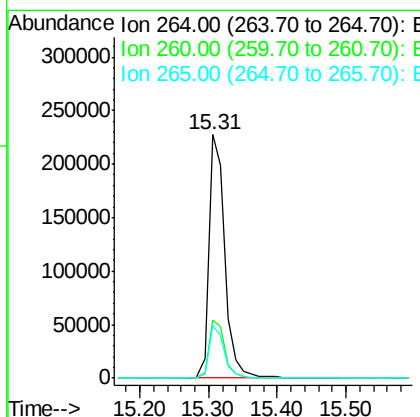
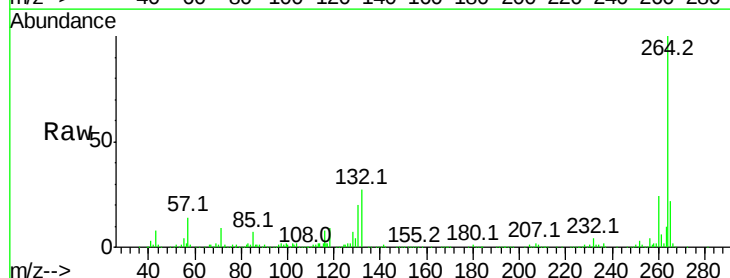
Manual Integrations
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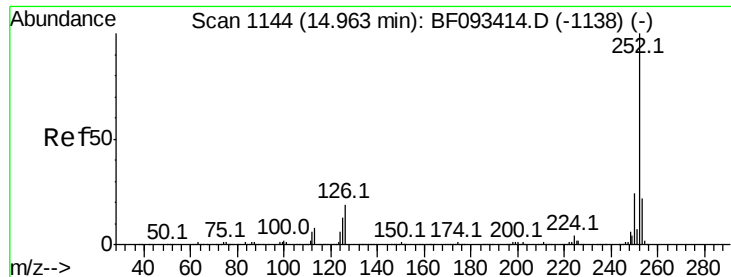
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.24 ng m

RT: 14.92 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

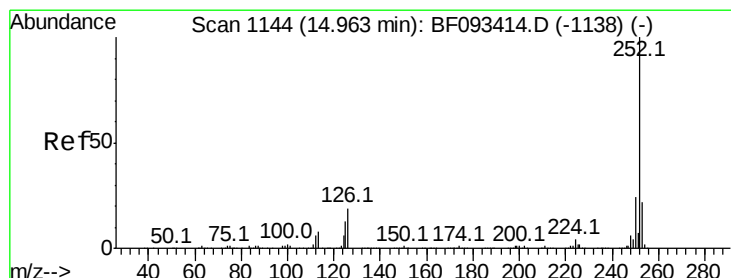
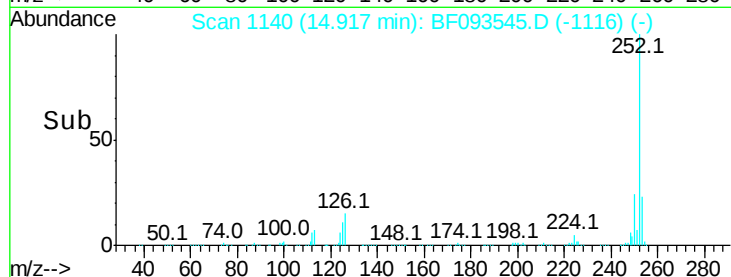
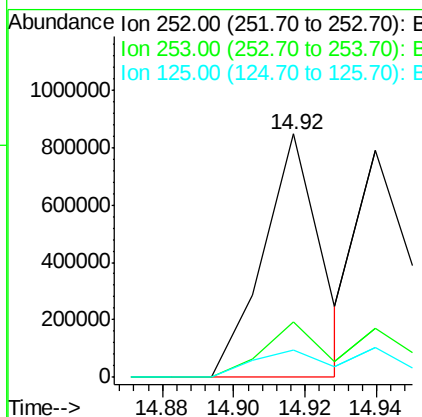
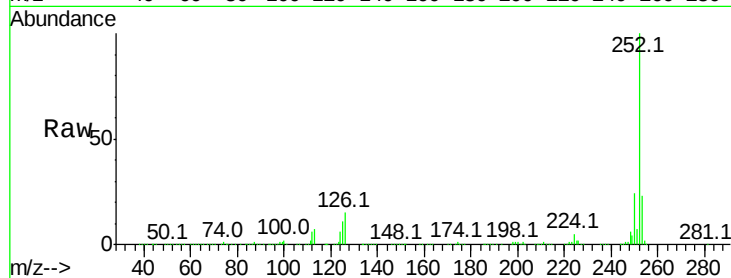
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	945221
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.4
125	11.0	9.8	14.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 39.08 ng m

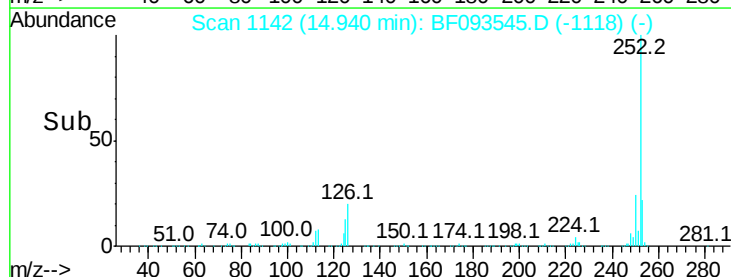
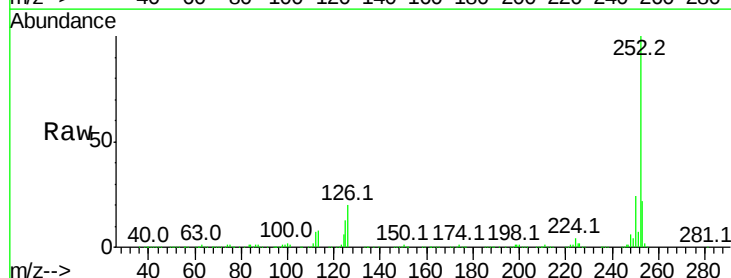
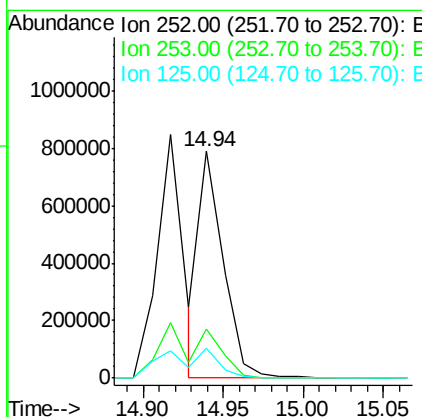
RT: 14.94 min Scan# 1142

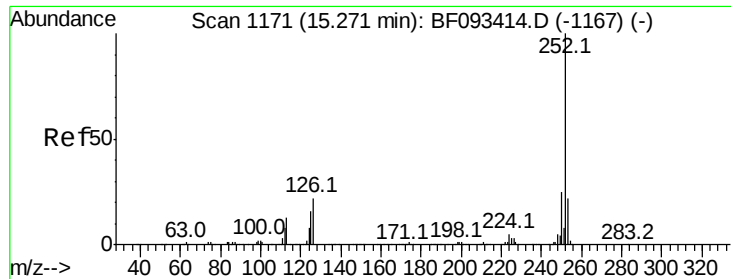
Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Tgt Ion:	252	Resp:	843414
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.5	27.7
125	13.4	8.9	13.3#





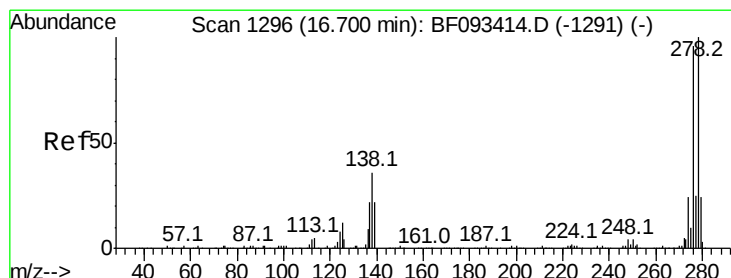
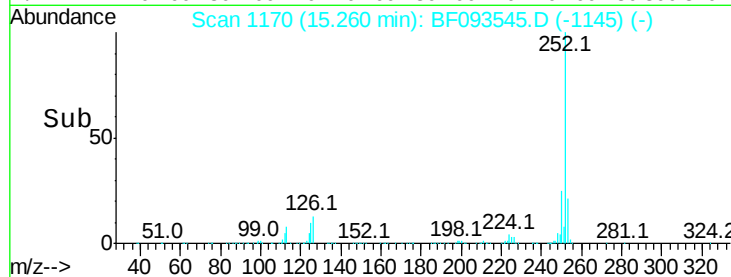
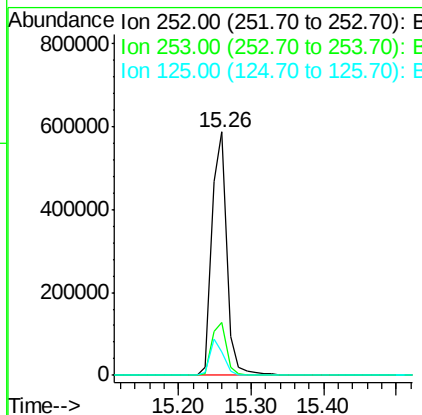
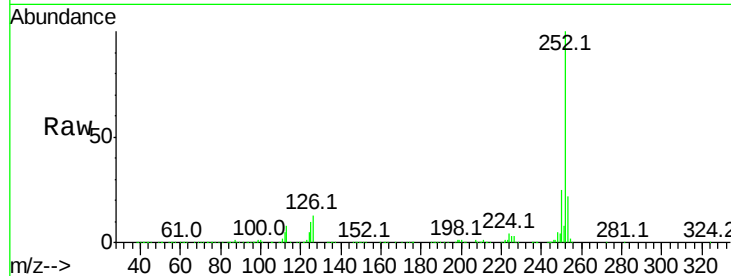
#89
Benzo(a)pyrene
Concen: 40.69 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	9.9	10.0	15.0

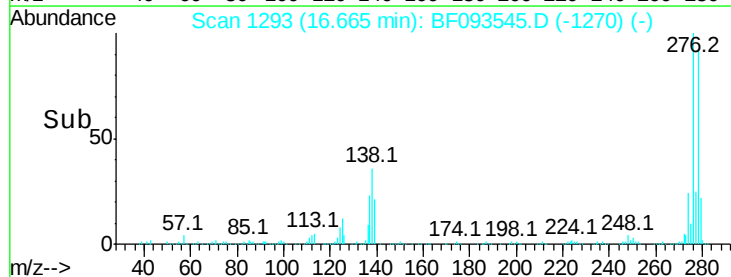
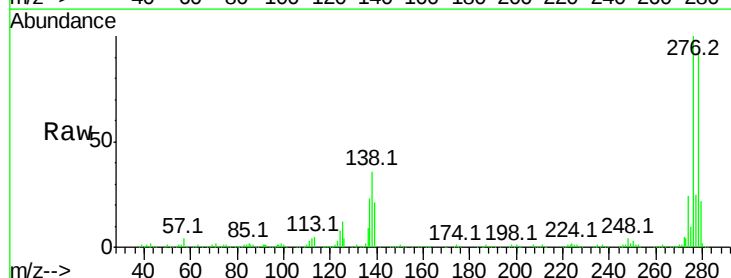
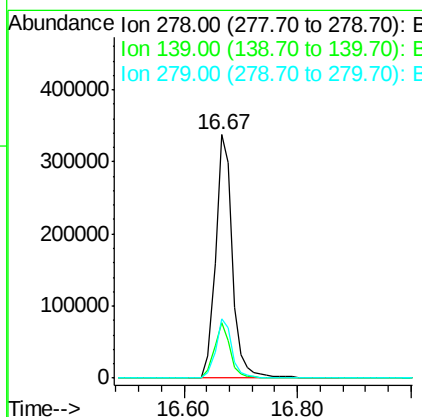
Manual Integrations
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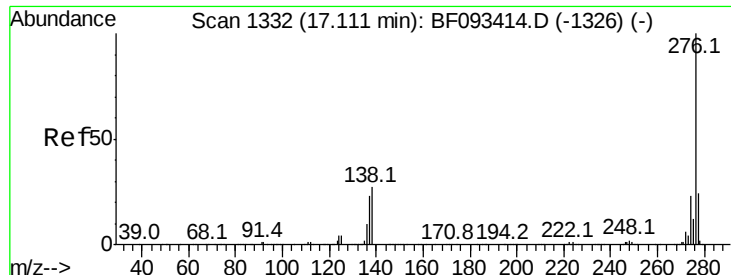
mohammad
3/13/2017 5:29:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.74 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	14.8	22.2
279	24.1	19.8	29.6





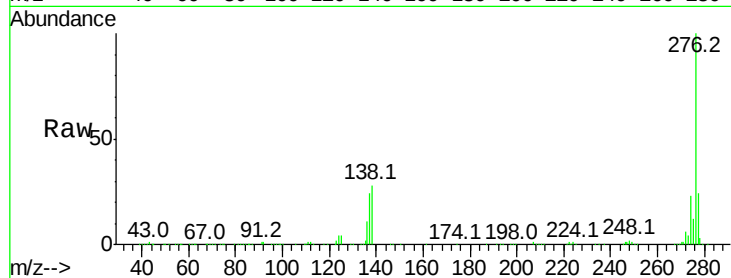
#91
 Benzo(a,h,i)perylene
 Concen: 41.60 ng
 RT: 17.08 min Scan# 1329
 Delta R.T. -0.03 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	27.8	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:29:11 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

