

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092641.D
 Acq On : 30 Jan 2017 18:39
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/31/2017 4:45:30 PM

Quant Time: Jan 31 01:14:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170177	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	703810	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	366767	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	594104	20.00	ng	0.00
75) Chrysene-d12	14.13	240	466087	20.00	ng	-0.01
86) Perylene-d12	15.61	264	389027	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	832236	83.90	ng	-0.01
7) Phenol-d6	6.60	99	1032022	80.86	ng	0.00
23) Nitrobenzene-d5	7.54	82	1052119	83.25	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	228876	86.28	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1517202	74.94	ng	0.00
78) Terphenyl-d14	13.08	244	1561720	78.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	252718	47.15	ng	86
3) Pyridine	3.37	79	703352	51.61	ng	85
4) n-Nitrosodimethylamine	3.33	42	324061	50.64	ng	87
6) Aniline	6.62	93	707597	40.64	ng	# 64
8) 2-Chlorophenol	6.75	128	449580	41.08	ng	99
9) Benzaldehyde	6.51	77	385635	42.18	ng	97
10) Phenol	6.62	94	571049	38.24	ng	# 79
11) bis(2-Chloroethyl)ether	6.69	93	472420	39.64	ng	90
12) 1,3-Dichlorobenzene	6.90	146	509282m	39.73	ng	
13) 1,4-Dichlorobenzene	6.98	146	520152	40.10	ng	98
14) 1,2-Dichlorobenzene	7.14	146	522883	42.15	ng	95
15) Benzyl Alcohol	7.10	79	375365	39.73	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	820412	39.62	ng	94
17) 2-Methylphenol	7.23	107	409502	43.62	ng	98
18) Hexachloroethane	7.48	117	183830	41.51	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	308348	37.95	ng	95
20) 3+4-Methylphenols	7.38	107	467328	41.63	ng	# 72
22) Acetophenone	7.38	105	603905	37.58	ng	# 93
24) Nitrobenzene	7.55	77	462778	35.66	ng	100
25) Isophorone	7.79	82	910565	38.66	ng	96
26) 2-Nitrophenol	7.87	139	267112	43.30	ng	94
27) 2,4-Dimethylphenol	7.92	122	451191	41.65	ng	93
28) bis(2-Chloroethoxy)methane	8.01	93	630631	40.43	ng	99
29) 2,4-Dichlorophenol	8.12	162	391834	38.78	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	418163	38.40	ng	# 94
31) Naphthalene	8.28	128	1417357	39.73	ng	99
32) Benzoic acid	8.03	122	231445	39.24	ng	98
33) 4-Chloroaniline	8.33	127	559114	39.96	ng	98
34) Hexachlorobutadiene	8.40	225	231677	38.67	ng	99
35) Caprolactam	8.70	113	131012	41.22	ng	# 48
36) 4-Chloro-3-methylphenol	8.82	107	430983	40.91	ng	91
37) 2-Methylnaphthalene	8.97	142	839902	36.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	427008	41.48	ng	99
40) Hexachlorocyclopentadiene	9.12	237	193102	41.57	ng	96

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Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

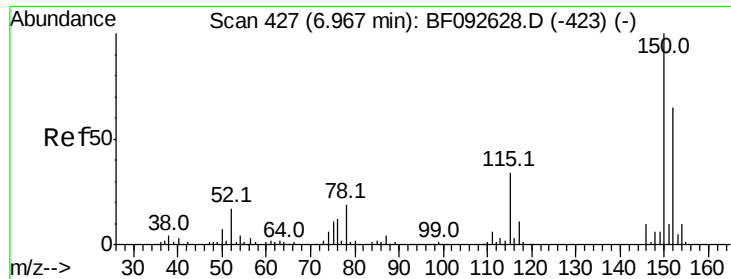
Manual Integrations
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Quant Time: Jan 31 01:14:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	281177	41.56	nq	95
43) 2,4,5-Trichlorophenol	9.29	196	293433	39.59	nq	97
45) 1,1'-Biphenyl	9.44	154	1112654	41.90	nq	99
46) 2-Chloronaphthalene	9.46	162	821195	39.53	nq	97
47) 2-Nitroaniline	9.56	65	291531	41.74	nq	# 73
48) Acenaphthylene	9.88	152	1410509	39.30	nq	97
49) Dimethylphthalate	9.73	163	920140	37.25	nq	99
50) 2,6-Dinitrotoluene	9.80	165	247081	46.31	nq	93
51) Acenaphthene	10.04	154	854979	39.84	nq	96
52) 3-Nitroaniline	9.97	138	286932	46.99	nq	84
53) 2,4-Dinitrophenol	10.08	184	110054	42.88	nq	94
54) Dibenzofuran	10.21	168	1124160	39.17	nq	98
55) 4-Nitrophenol	10.13	139	173886	39.54	nq	93
56) 2,4-Dinitrotoluene	10.20	165	311533	43.86	nq	85
57) Fluorene	10.56	166	857402	38.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	216942	43.87	nq	97
59) Diethylphthalate	10.43	149	901647	38.73	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	427055	40.26	nq	# 74
61) 4-Nitroaniline	10.58	138	264217	42.25	nq	92
62) Azobenzene	10.72	77	975065	40.54	nq	85
64) 4,6-Dinitro-2-methylphenol	10.61	198	157704	43.85	nq	83
65) n-Nitrosodiphenylamine	10.67	169	733373	38.64	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	250173	40.31	nq	# 74
67) Hexachlorobenzene	11.10	284	236702	38.59	nq	# 84
68) Atrazine	11.20	200	226792	37.24	nq	100
69) Pentachlorophenol	11.30	266	119971	41.68	nq	97
70) Phenanthrene	11.53	178	1370740	40.27	nq	98
71) Anthracene	11.57	178	1289172	37.72	nq	99
72) Carbazole	11.73	167	1362583	41.70	nq	99
73) Di-n-butylphthalate	12.05	149	1379804	39.05	nq	# 98
74) Fluoranthene	12.72	202	1377730	39.24	nq	90
76) Benzidine	12.83	184	768969	38.72	nq	97
77) Pyrene	12.95	202	1437735	41.22	nq	98
79) Butylbenzylphthalate	13.55	149	573558	40.49	nq	96
80) Benzo(a)anthracene	14.12	228	1136076	39.85	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	406932	40.05	nq	97
82) Chrysene	14.17	228	1175087	44.03	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	837919	43.26	nq	# 95
84) Di-n-octyl phthalate	14.73	149	1405889	44.57	nq	99
85) Indeno(1,2,3-cd)pyrene	17.08	276	789873	38.21	nq	95
87) Benzo(b)fluoranthene	15.17	252	1141122	44.56	nq	98
88) Benzo(k)fluoranthene	15.21	252	778542m	35.21	nq	
89) Benzo(a)pyrene	15.55	252	889478	40.16	nq	97
90) Dibenzo(a,h)anthracene	17.11	278	673629	37.63	nq	98
91) Benzo(g,h,i)perylene	17.53	276	671518	37.13	nq	# 90

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



#1

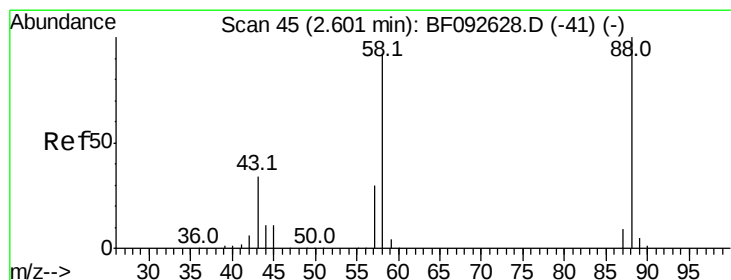
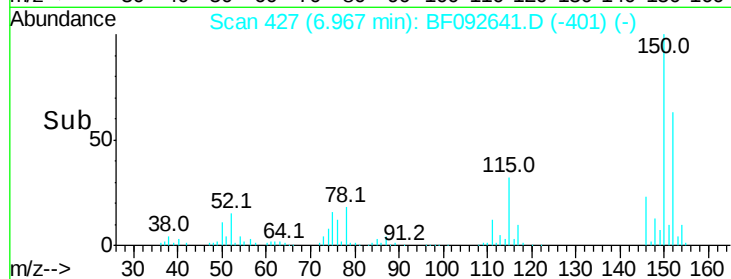
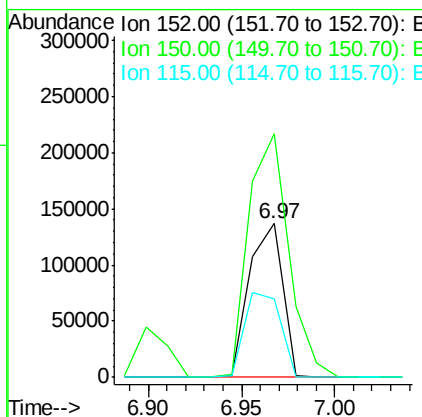
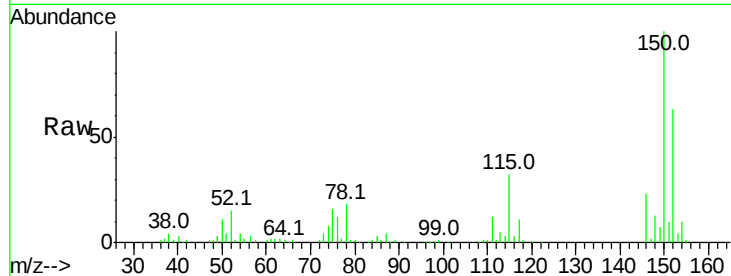
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.9	187.3
115	51.0	46.0	69.0

Manual Integrations
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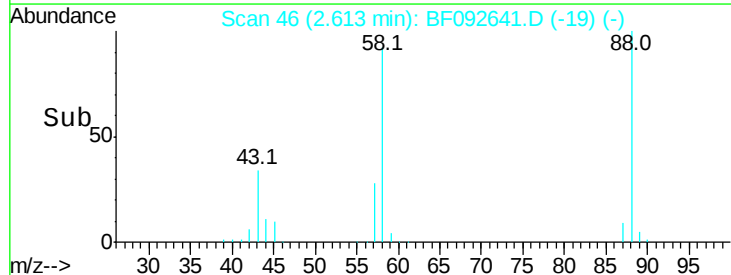
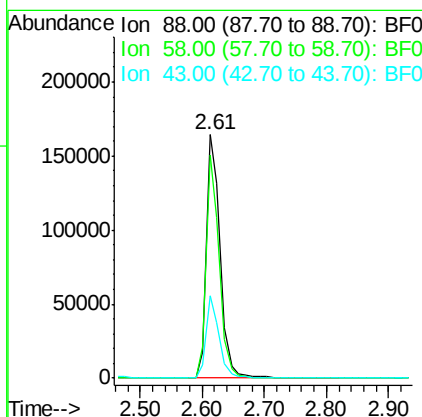
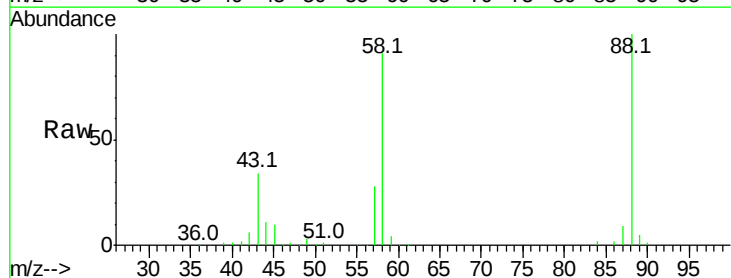
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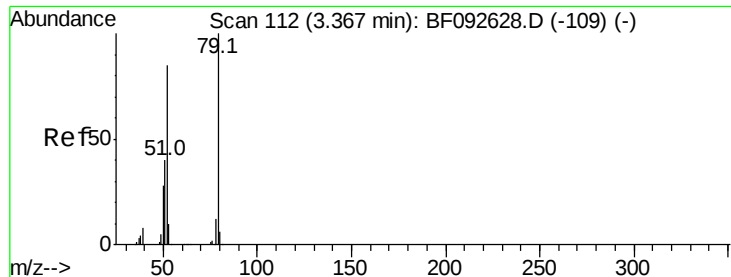


#2

1,4-Dioxane
Concen: 47.15 ng
RT: 2.61 min Scan# 46
Delta R.T. 0.01 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.1	57.8	86.8
43	31.8	22.3	33.5





#3

Pvridine

Concen: 51.61 ng

RT: 3.37 min Scan# 112

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

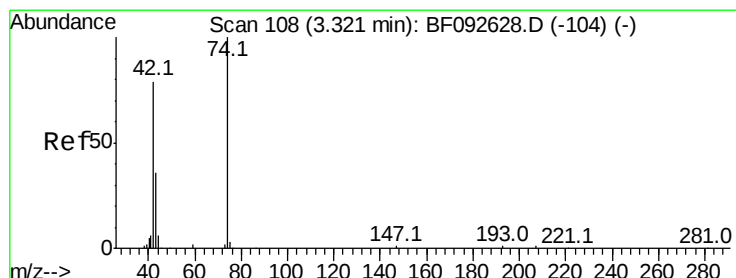
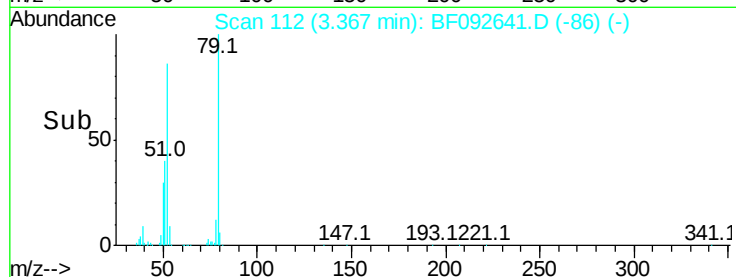
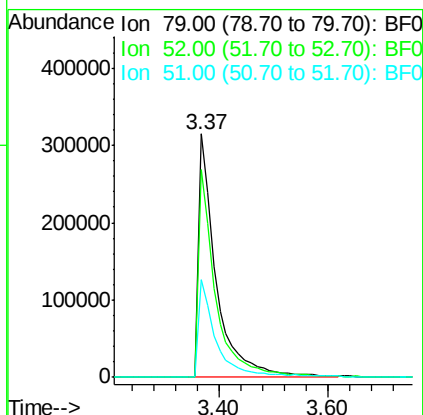
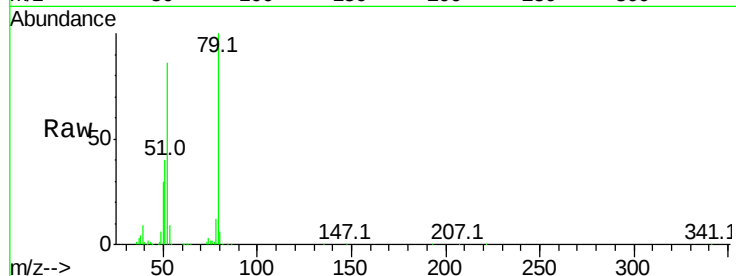
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	85.6	57.1	85.7	
51	40.0	27.3	40.9	

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.64 ng

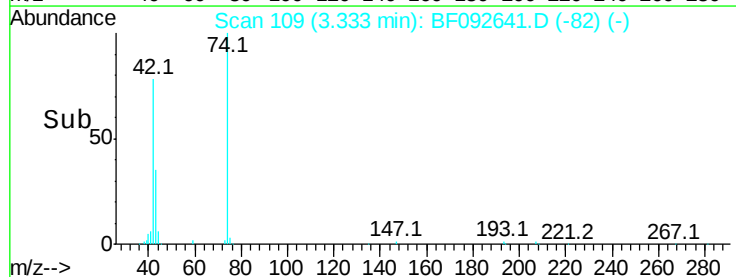
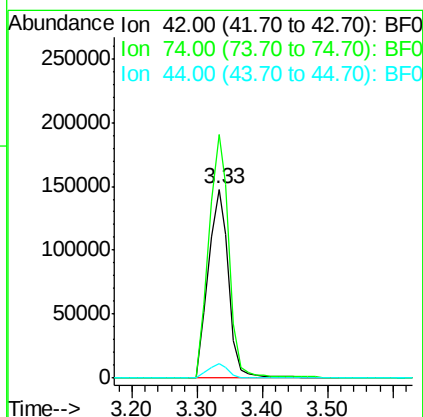
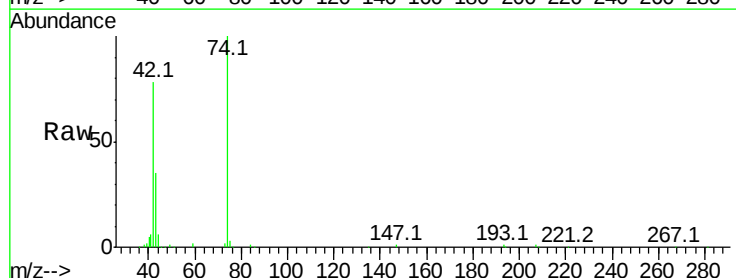
RT: 3.33 min Scan# 109

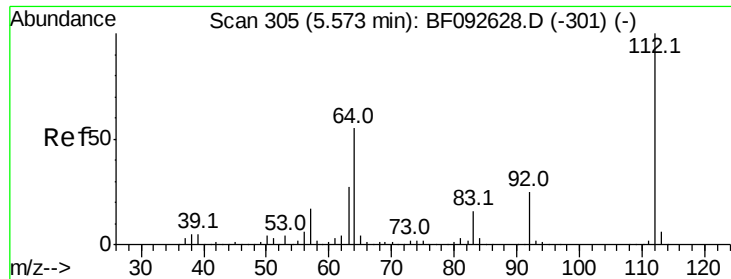
Delta R.T. 0.01 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	129.0	117.0	175.4	
44	7.5	5.5	8.3	





#5

2-Fluorophenol

Concen: 83.90 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

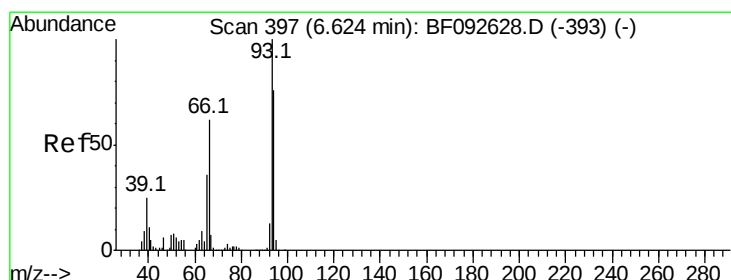
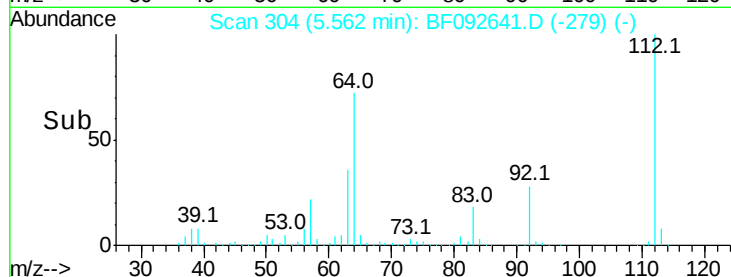
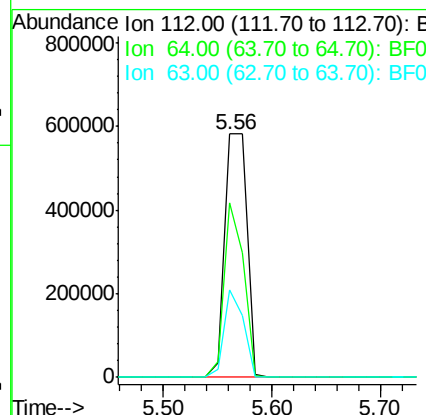
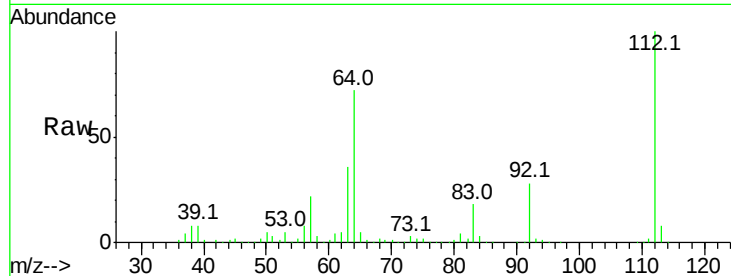
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	832236
Ion Ratio	Lower	Upper	
112	100		
64	71.6	46.1	69.1#
63	35.7	23.8	35.6#

Manual Integrations
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#6

Aniline

Concen: 40.64 ng

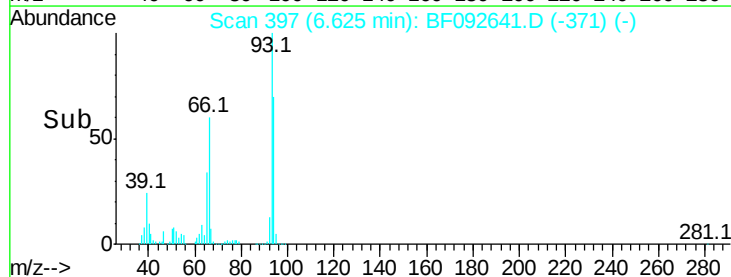
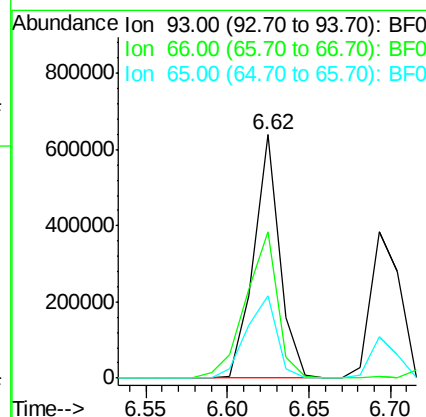
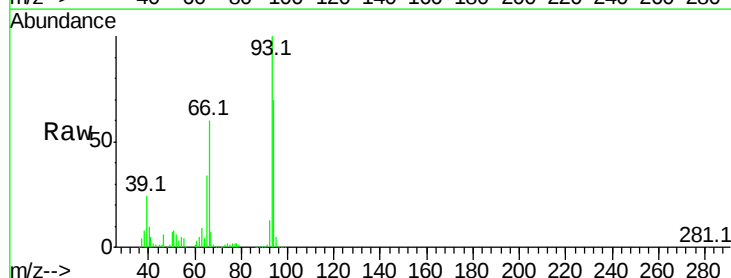
RT: 6.62 min Scan# 397

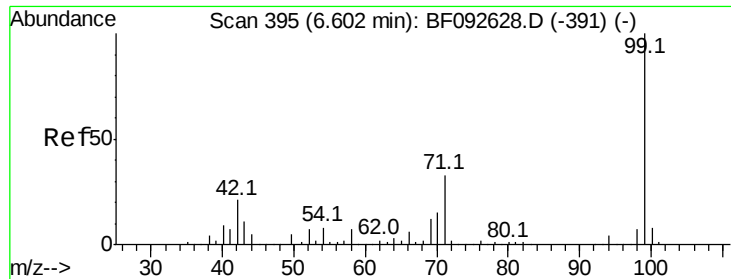
Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Tgt Ion:	93	Resp:	707597
Ion Ratio	Lower	Upper	
93	100		
66	60.1	76.2	114.2#
65	34.0	49.3	73.9#





#7

Phenol-d6

Concen: 80.86 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1032022

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

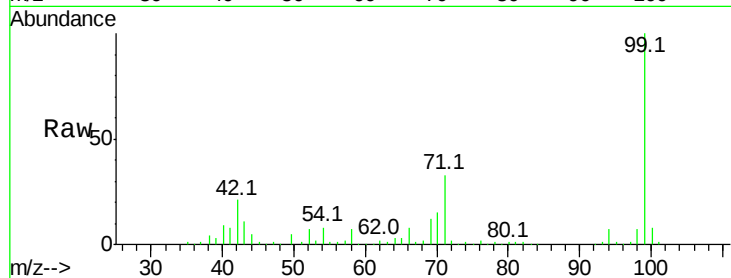
71 32.6 27.5 41.3

Manual Integrations

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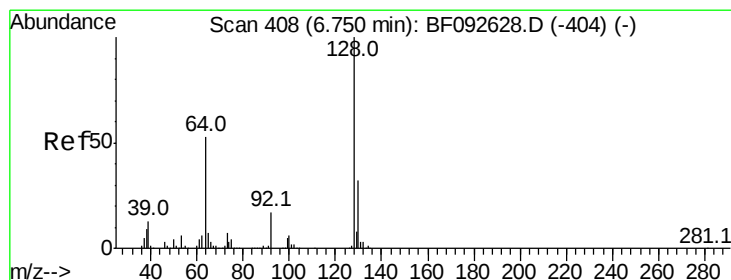
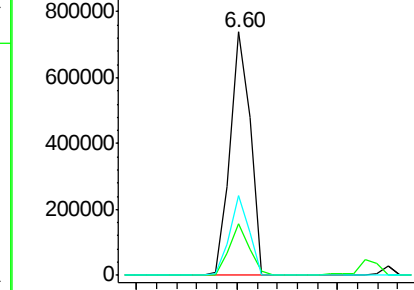
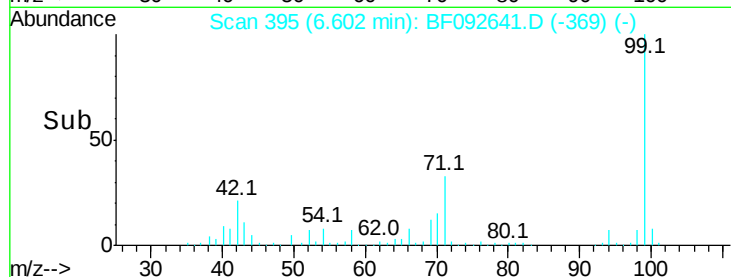
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.08 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

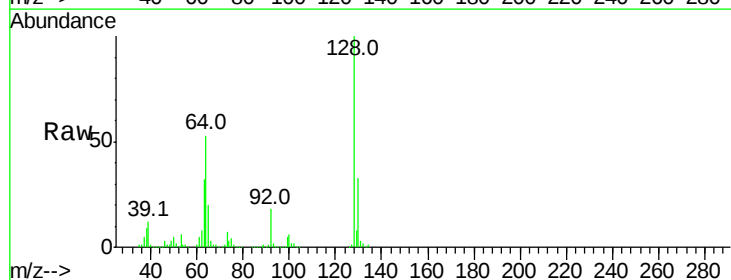
Tgt Ion: 128 Resp: 449580

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

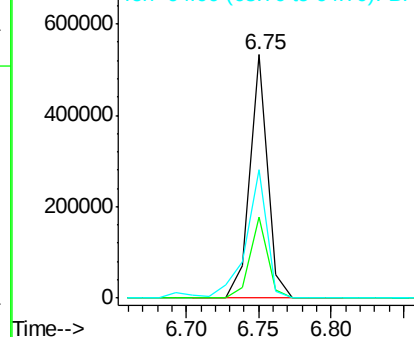
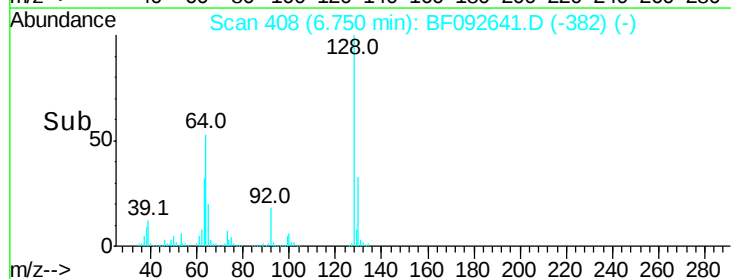
64 52.9 32.2 72.2



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: 42.18 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

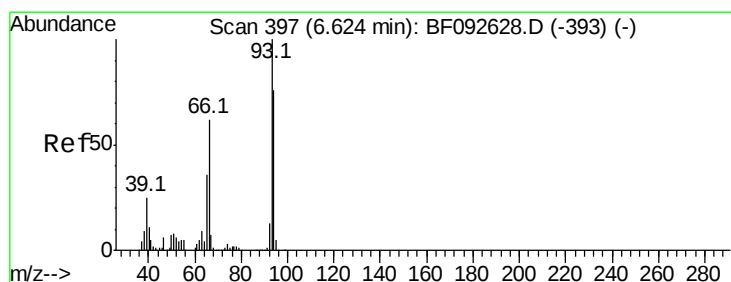
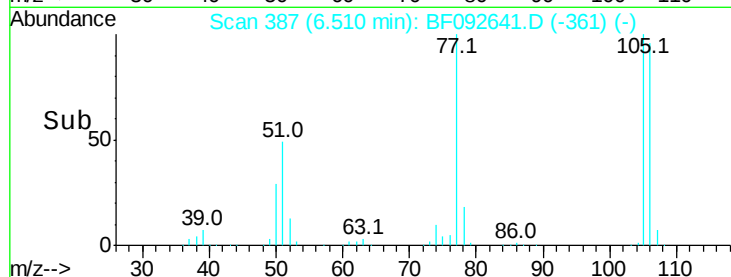
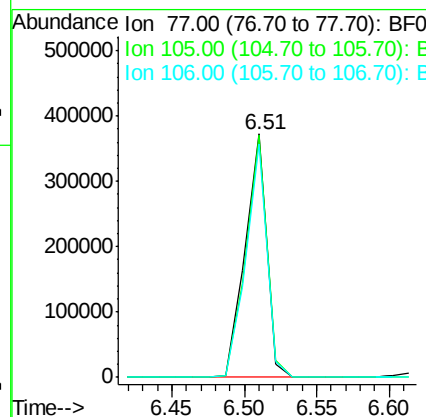
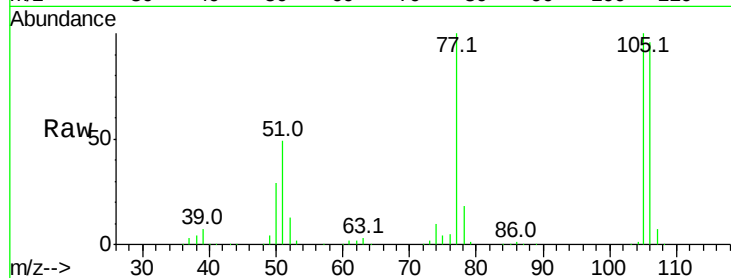
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	385635
Ion Ratio	Lower	Upper	
77	100		
105	99.8	83.9	123.9
106	95.9	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 38.24 ng

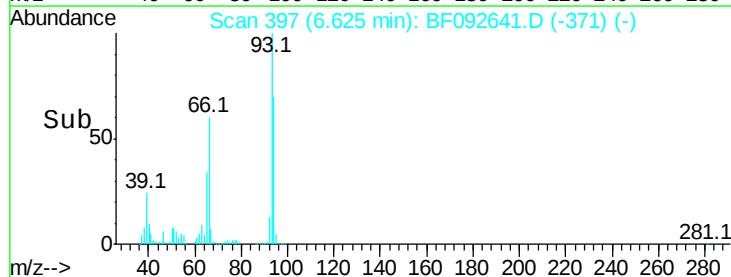
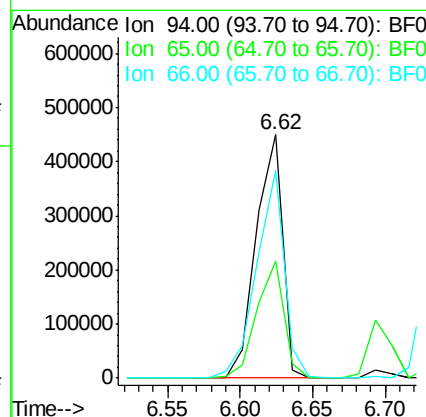
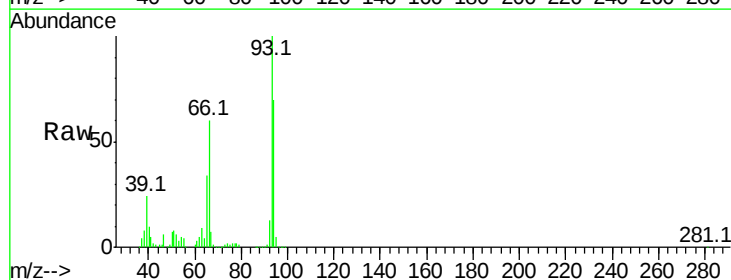
RT: 6.62 min Scan# 397

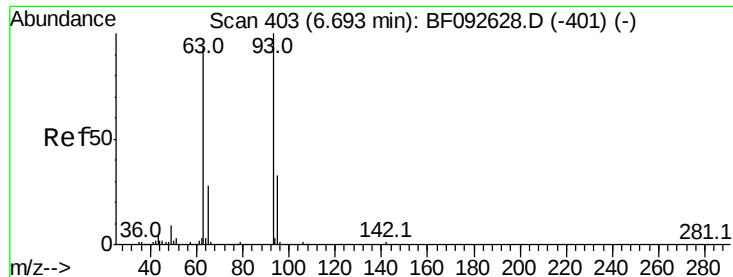
Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Tgt Ion:	94	Resp:	571049
Ion Ratio	Lower	Upper	
94	100		
65	48.3	21.4	61.4
66	85.4	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 39.64 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

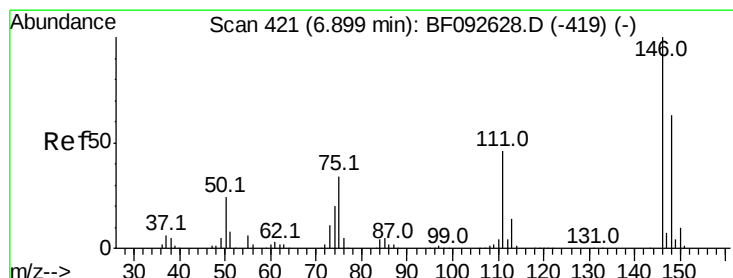
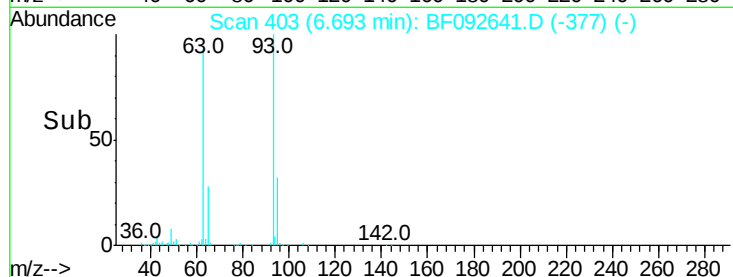
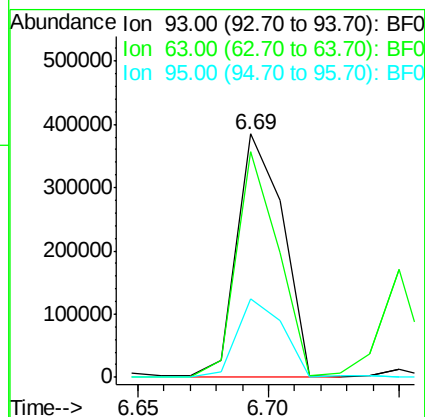
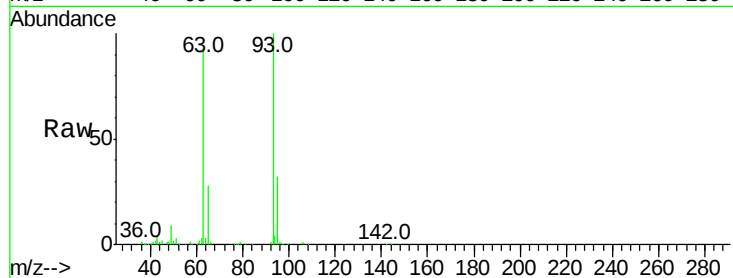
ClientSampleId :

SSTDCCC040

Tot Ion	93	Resp	472420
Ion Ratio	Lower	Upper	
93	100		
63	92.6	60.4	100.4
95	32.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.73 ng m

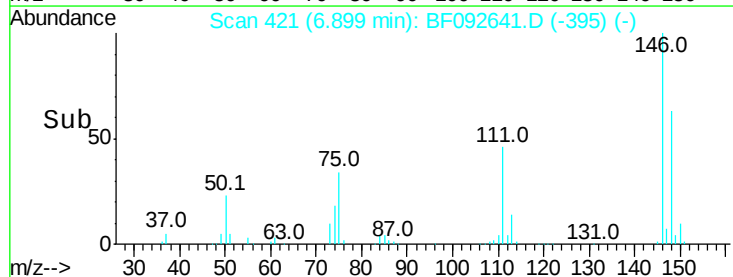
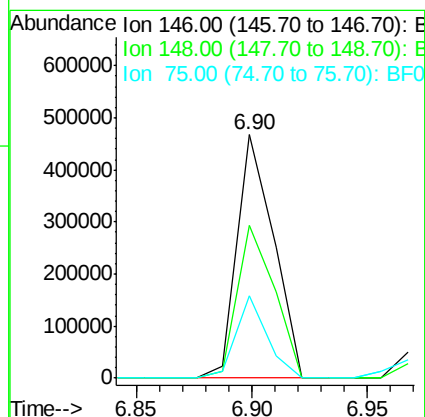
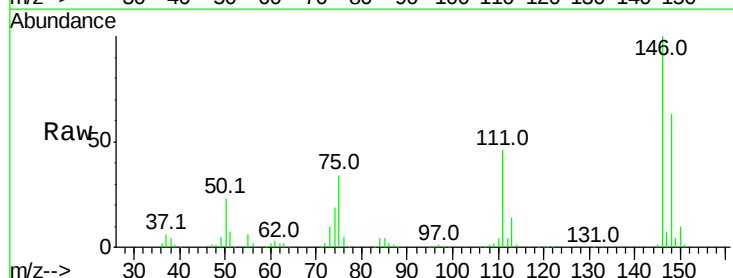
RT: 6.90 min Scan# 421

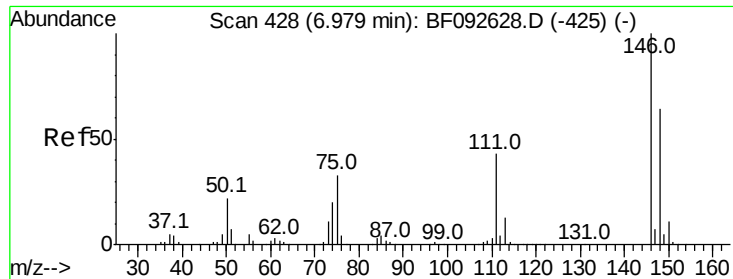
Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Tgt Ion	146	Resp	509282
Ion Ratio	Lower	Upper	
146	100		
148	62.8	53.4	80.0
75	34.1	18.5	27.7#





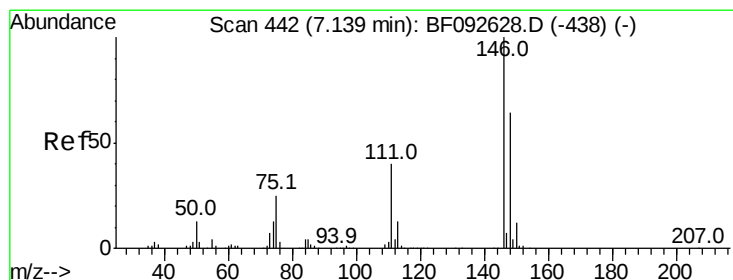
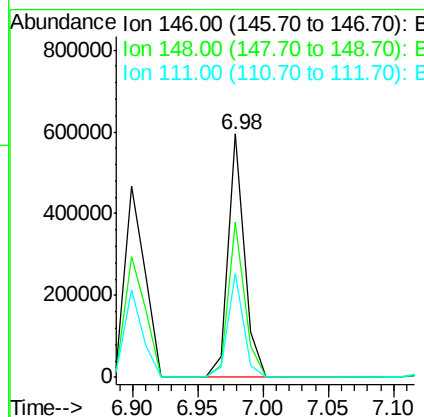
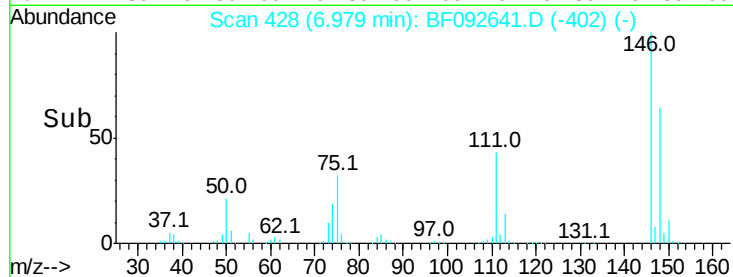
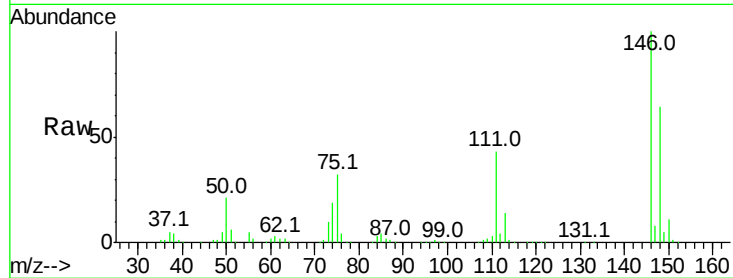
#13
 1,4-Dichlorobenzene
 Concen: 40.10 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	42.8	36.2	54.4

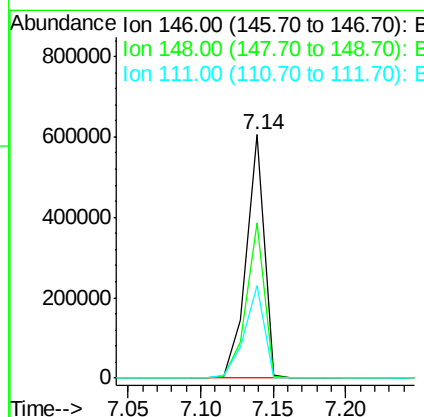
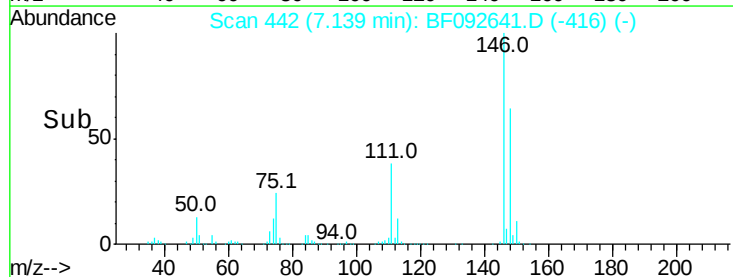
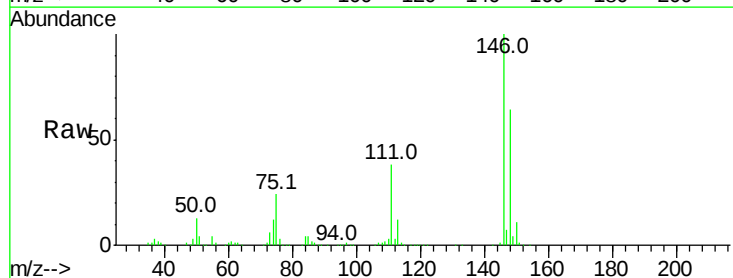
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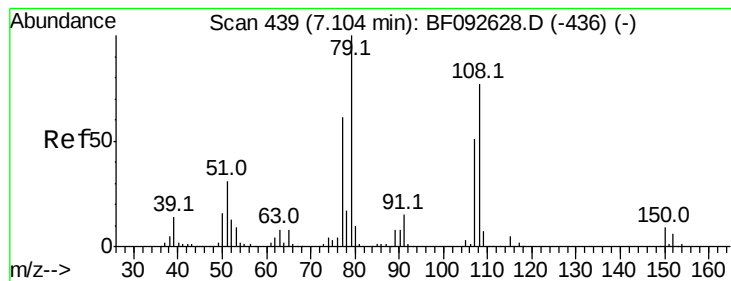
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.15 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	38.2	36.2	54.2





#15

Benzyl Alcohol

Concen: 39.73 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 375365

Ion Ratio Lower Upper

79 100

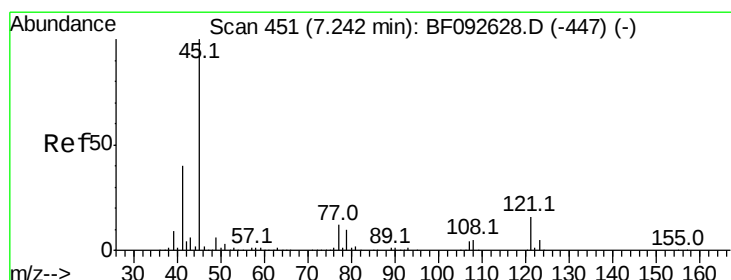
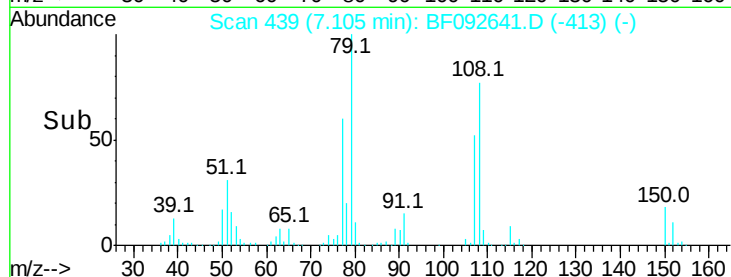
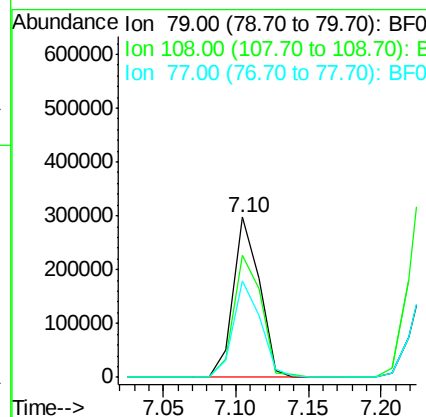
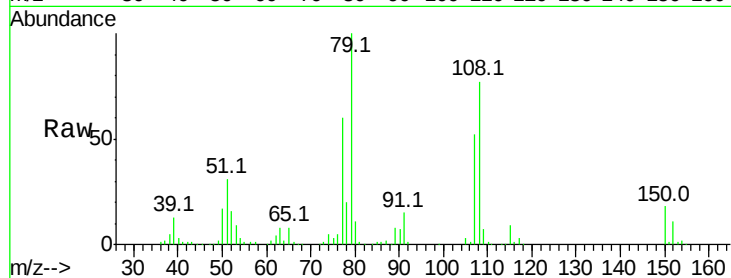
108 76.5 61.4 92.0

77 60.2 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.62 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

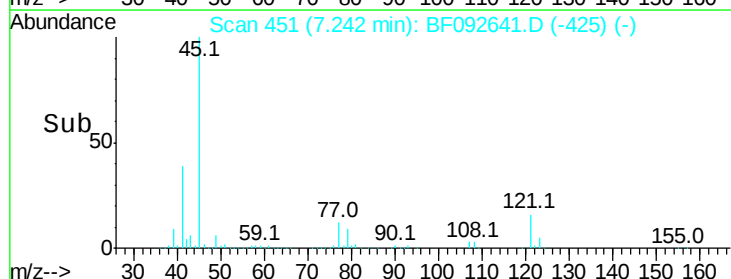
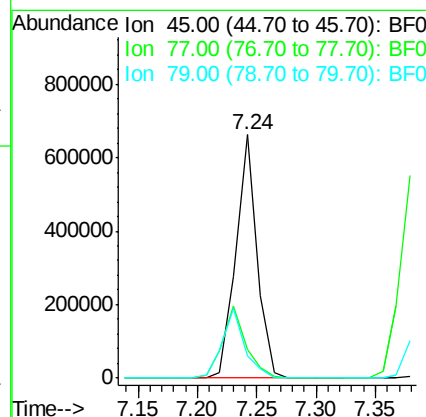
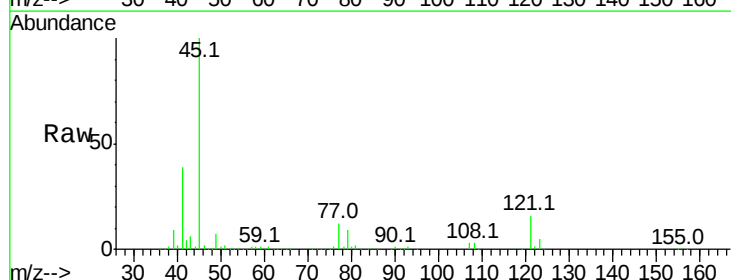
Tgt Ion: 45 Resp: 820412

Ion Ratio Lower Upper

45 100

77 11.9 0.0 34.6

79 9.3 0.0 31.2





#17

2-Methylphenol

Concen: 43.62 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 409502
Ion Ratio Lower Upper

107 100

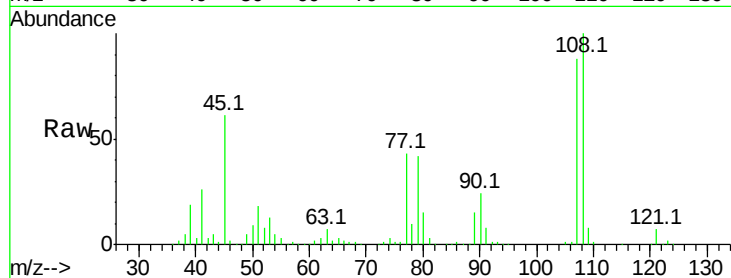
108 113.3 93.0 139.6

77 48.9 39.8 59.8

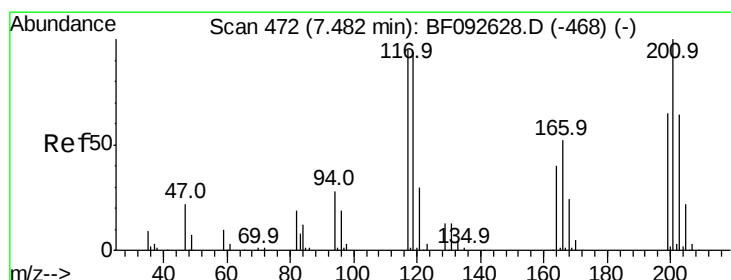
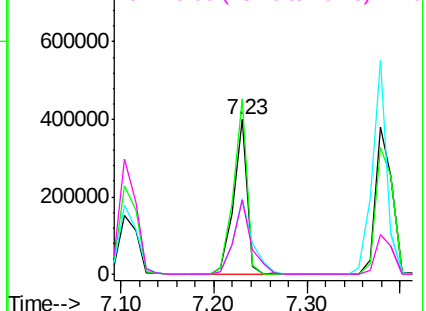
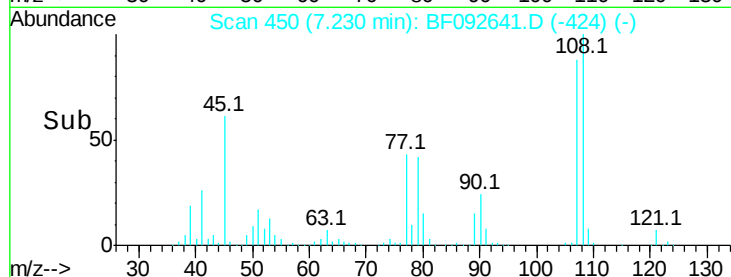
79 47.7 38.0 57.0

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.51 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF092641.D

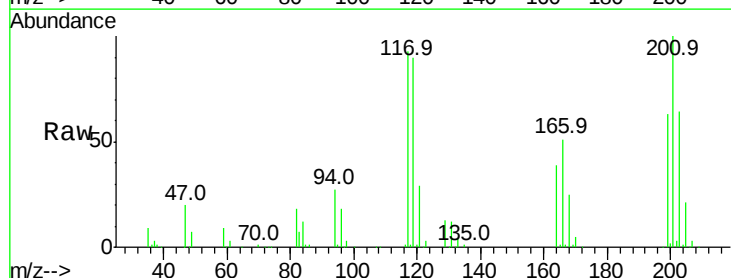
Acq: 30 Jan 2017 18:39

Tgt Ion:117 Resp: 183830
Ion Ratio Lower Upper

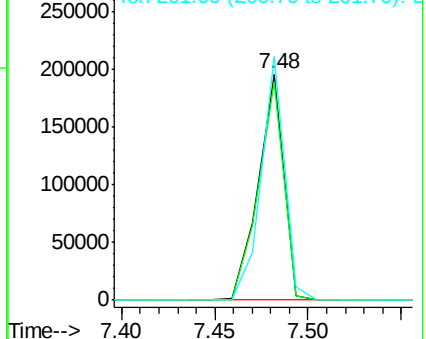
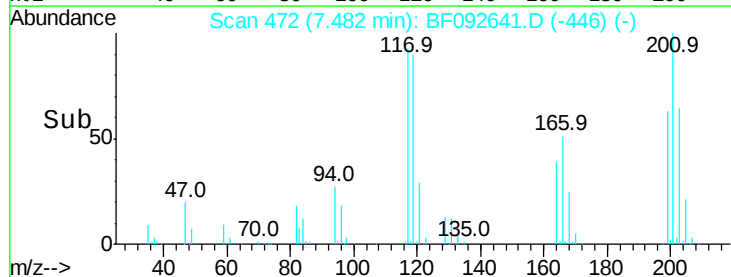
117 100

119 96.6 78.1 117.1

201 107.6 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





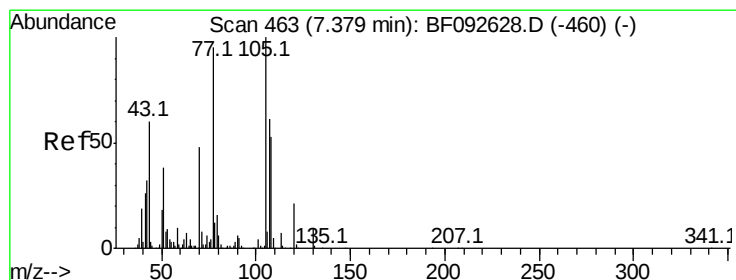
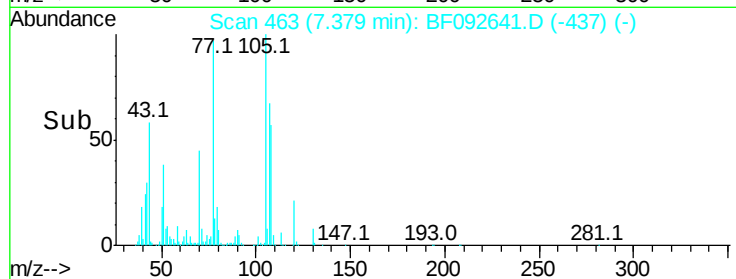
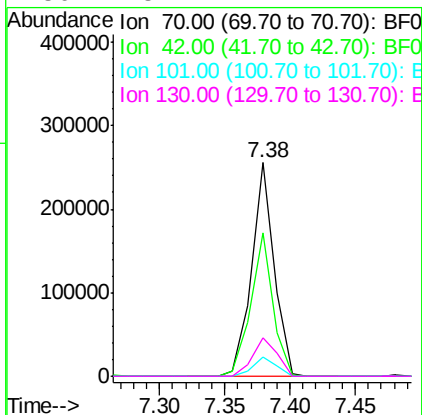
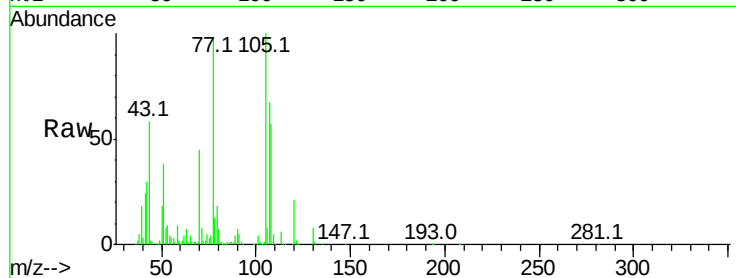
#19
n-Nitroso-di-n-propylamine
Concen: 37.95 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.9	49.4	74.0	
101	8.9	7.4	11.2	
130	18.2	14.2	21.4	

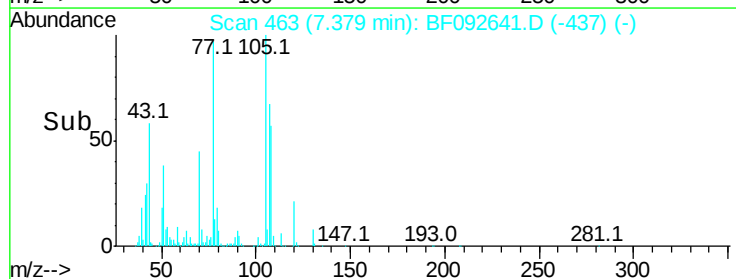
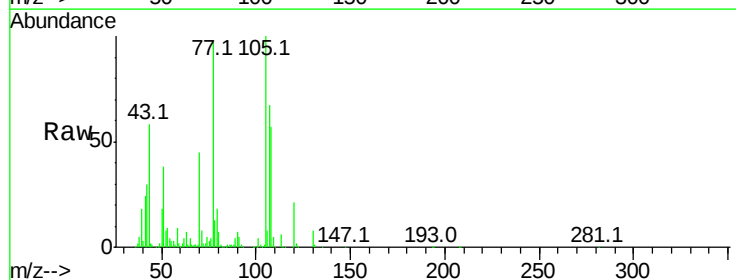
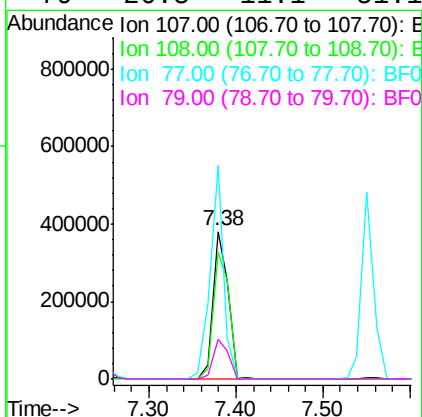
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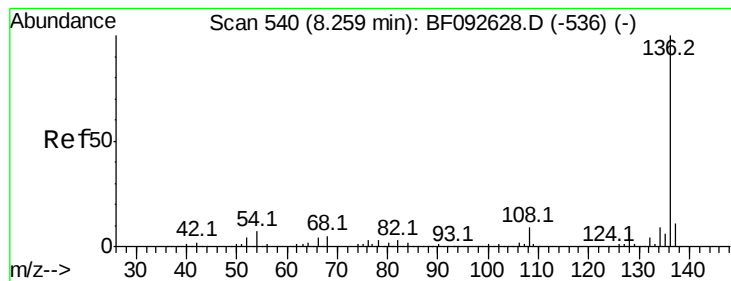
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#20
3+4-Methylphenols
Concen: 41.63 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.0	73.0	113.0	
77	144.7	71.3	111.3#	
79	26.8	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

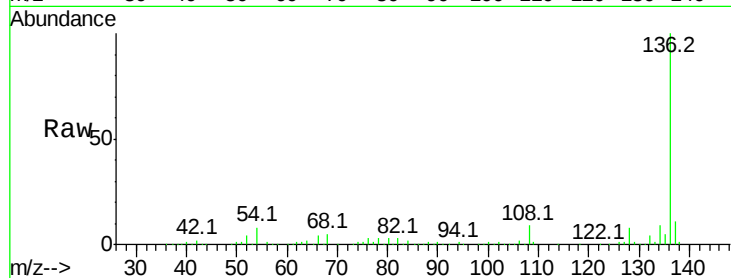
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	703810		
137	10.8		8.4	12.6
54	7.7		4.5	6.7
68	5.1		3.6	5.4

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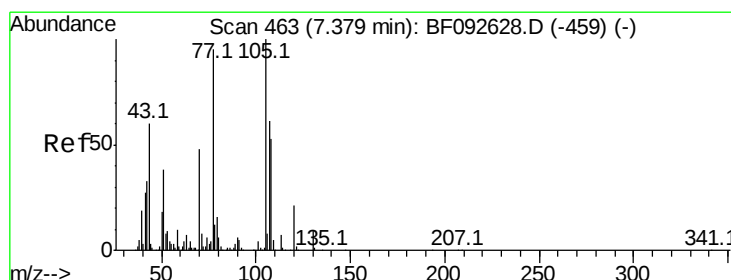
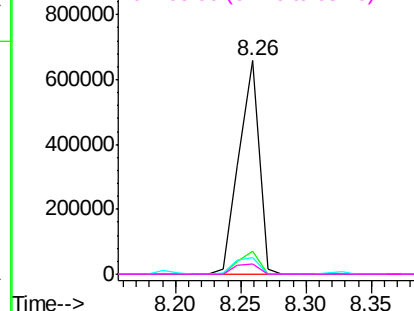
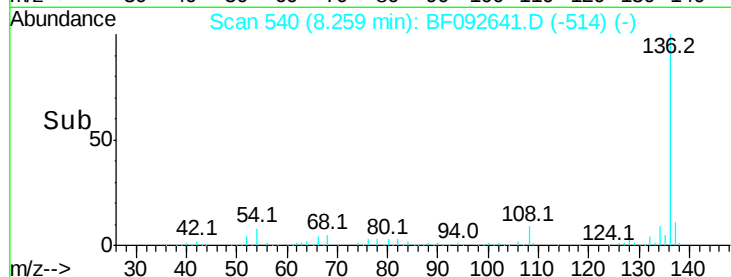


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.58 ng

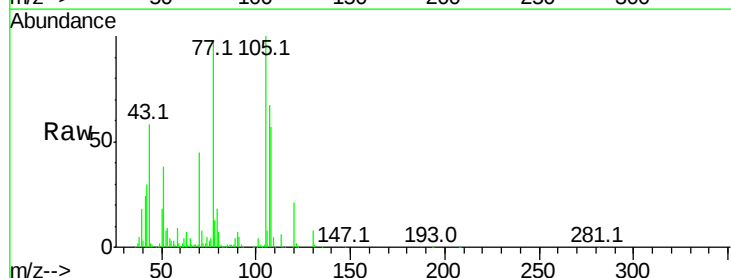
RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	603905		
71	7.8		3.2	4.8
51	38.3		26.2	39.4
120	21.3		16.6	24.8

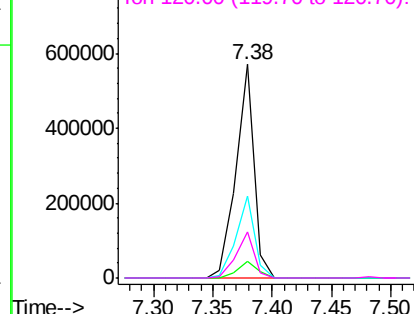
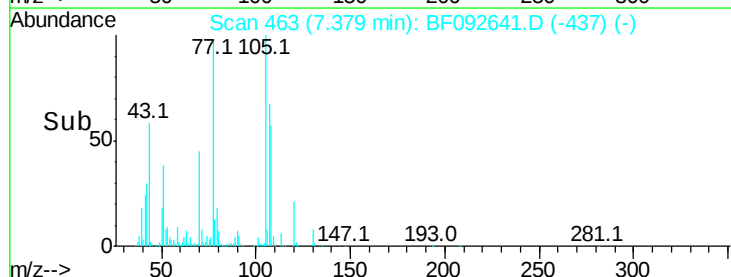


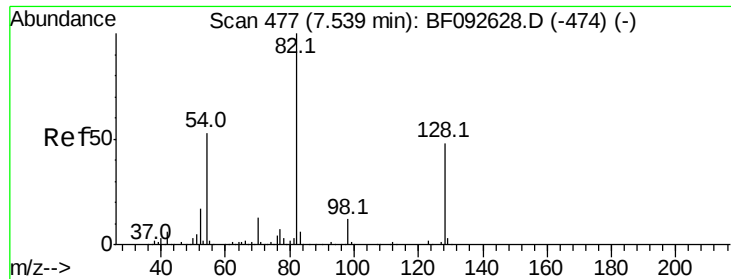
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23
 Nitrobenzene-d5
 Concen: 83.25 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

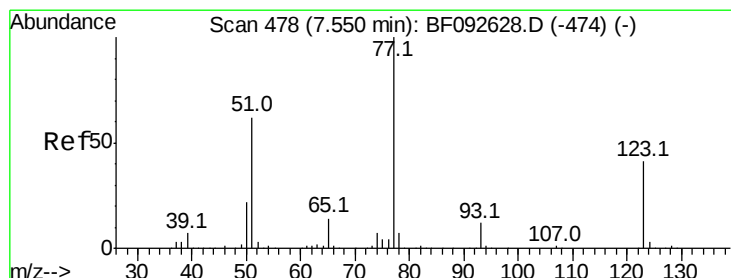
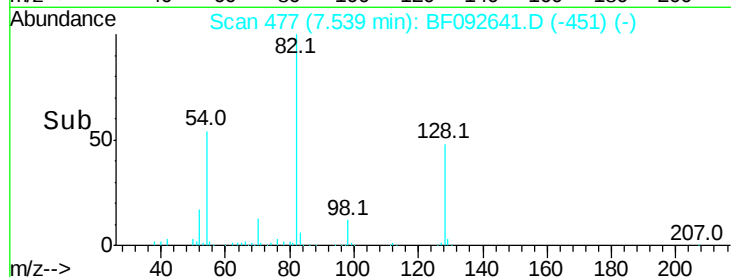
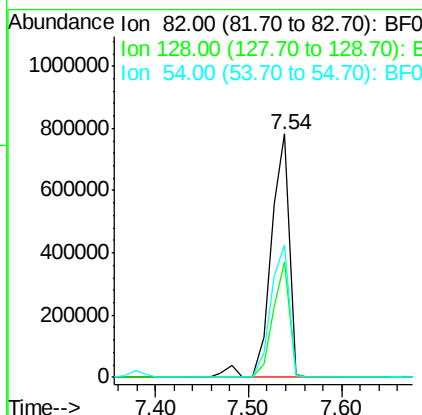
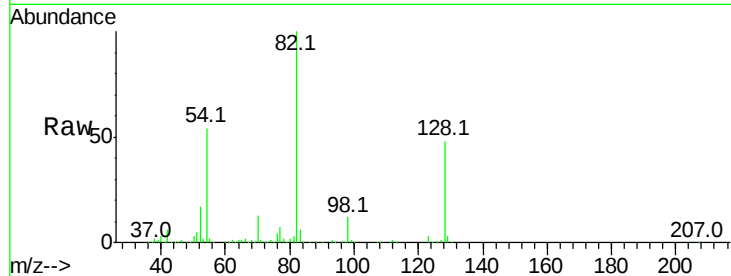
Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion: 82 Resp: 1052119

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.6	52.0
54	54.3	39.5	59.3

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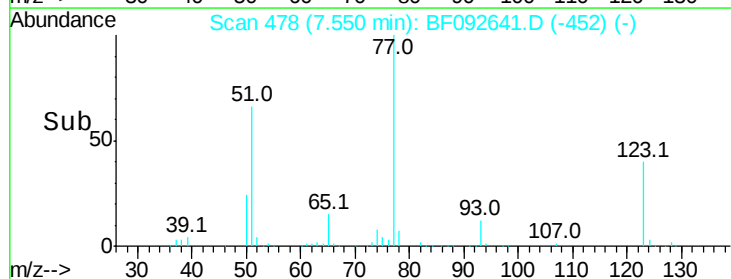
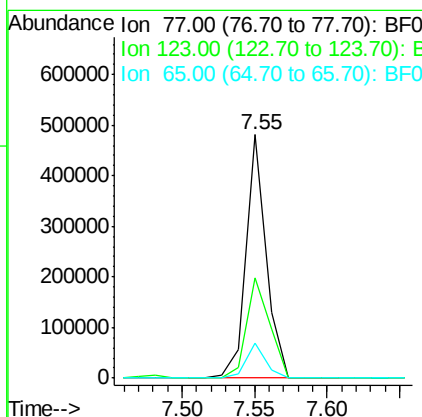
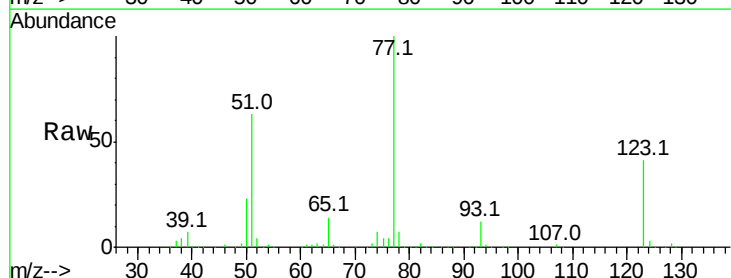
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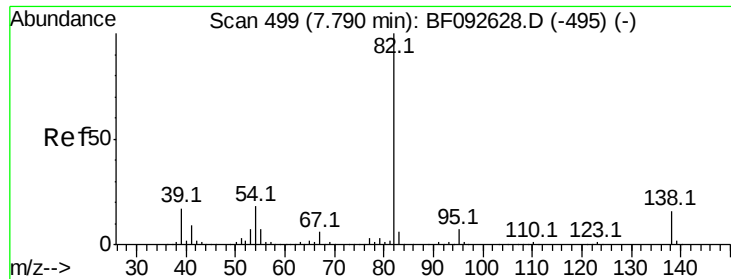


#24
 Nitrobenzene
 Concen: 35.66 ng
 RT: 7.55 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion: 77 Resp: 462778

Ion	Ratio	Lower	Upper
77	100		
123	41.2	33.0	49.4
65	14.2	11.2	16.8





#25

Isophorone

Concen: 38.66 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

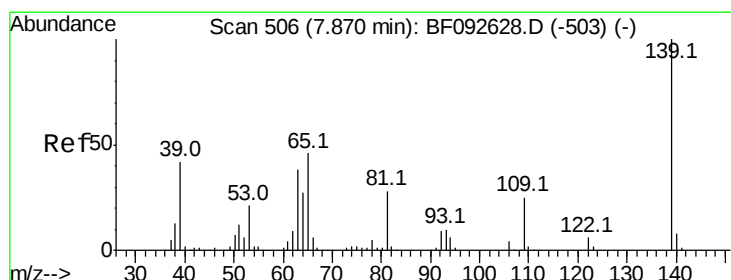
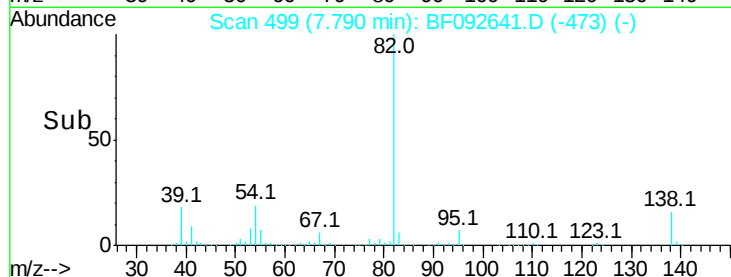
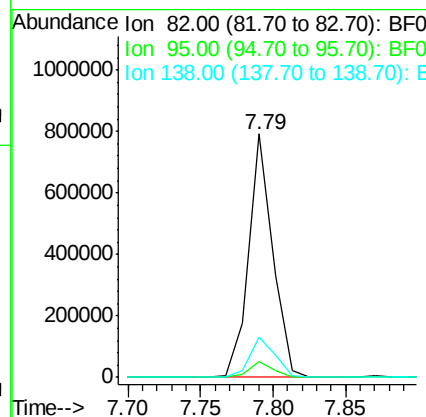
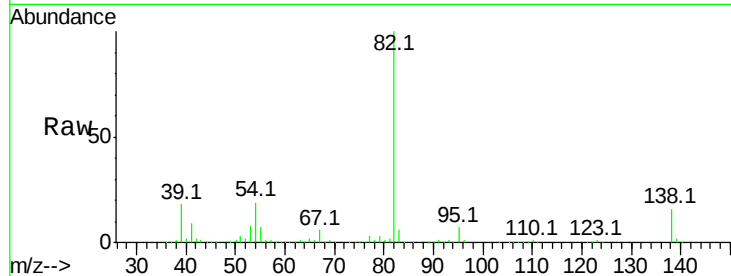
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	910565
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	16.3	14.6	22.0

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#26

2-Nitrophenol

Concen: 43.30 ng

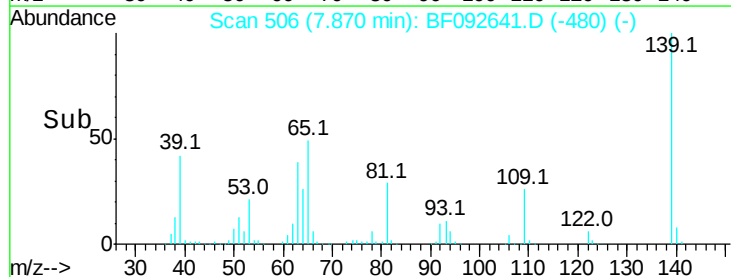
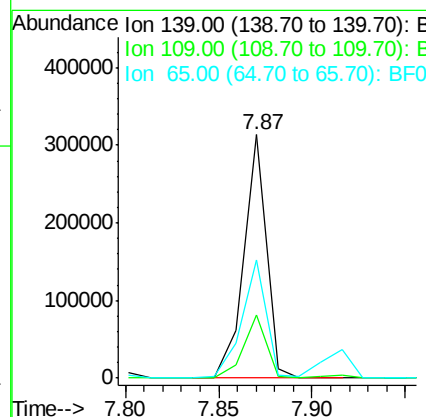
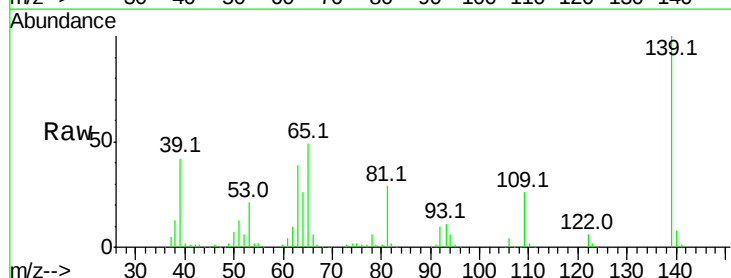
RT: 7.87 min Scan# 506

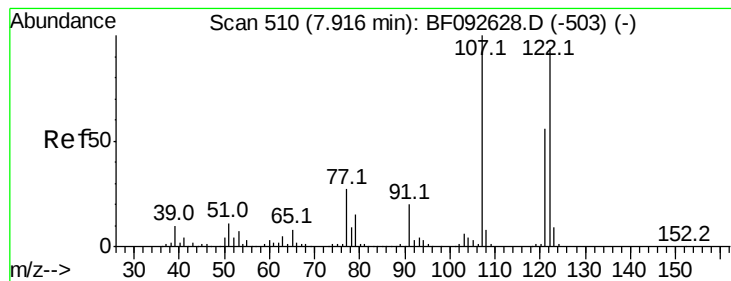
Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Tgt Ion:	139	Resp:	267112
Ion Ratio	Lower	Upper	
139	100		
109	25.7	23.3	34.9
65	48.8	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 41.65 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

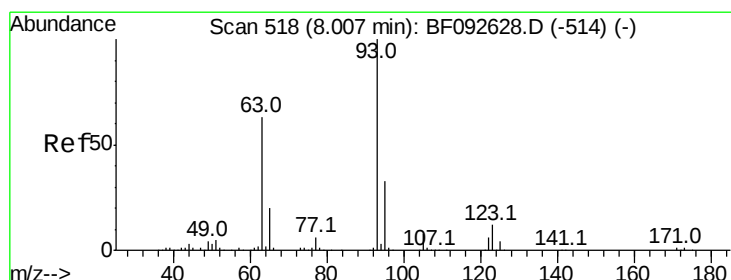
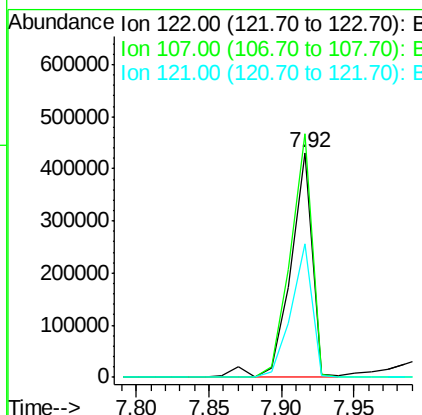
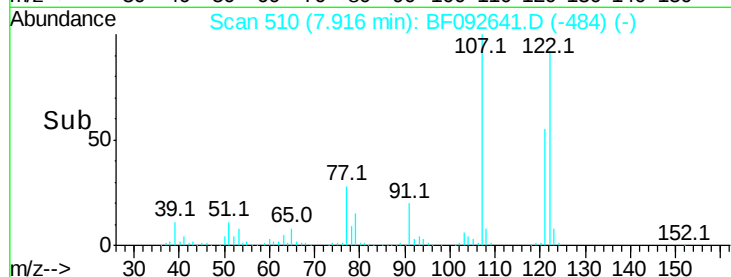
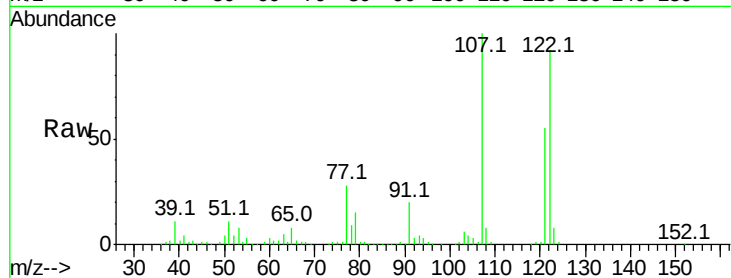
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	451191
Ion Ratio	Lower	Upper	
122	100		
107	108.2	94.1	141.1
121	59.4	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 40.43 ng

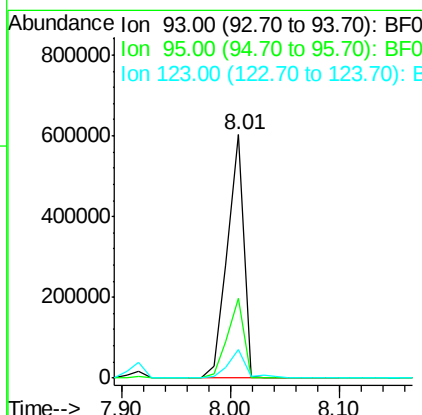
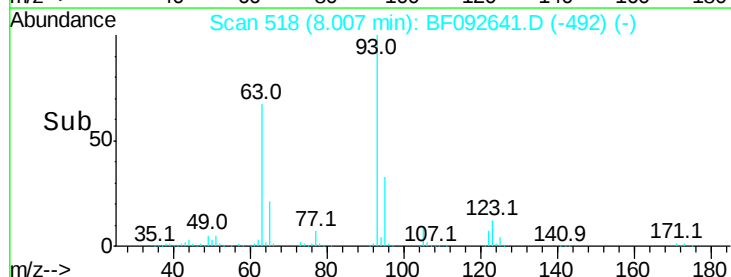
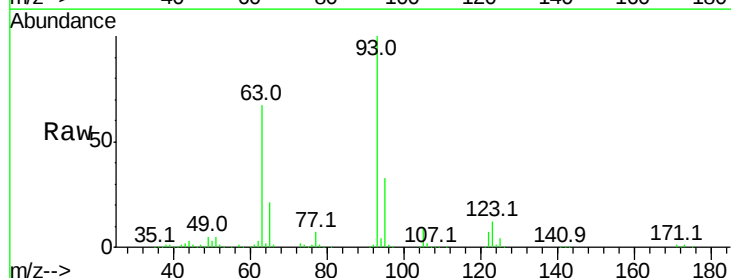
RT: 8.01 min Scan# 518

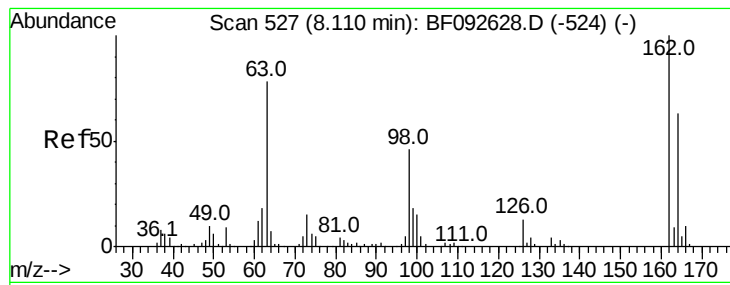
Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Tgt Ion:	93	Resp:	630631
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	12.0	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 38.78 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

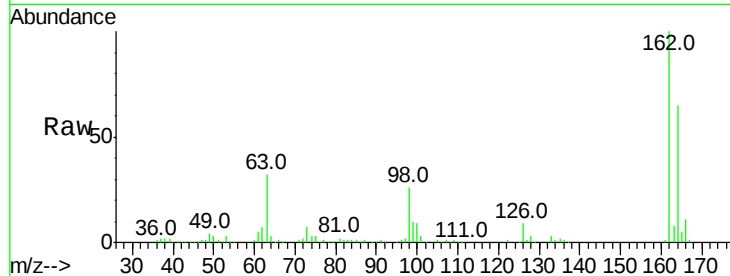
ClientSampleId :

SSTDCCC040

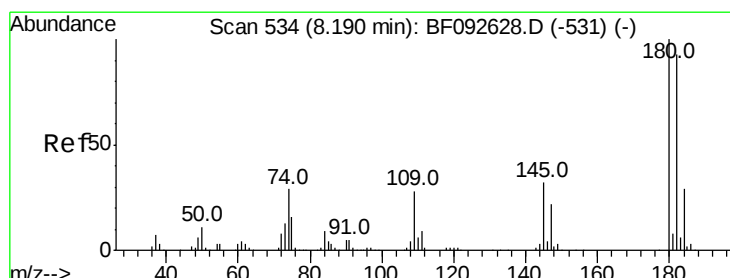
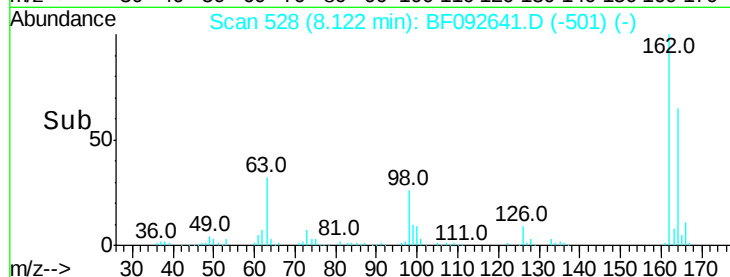
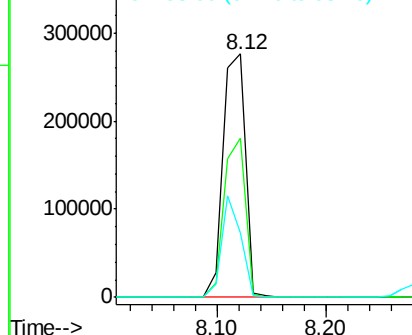
Tot Ion:	162	Resp:	391834
Ion Ratio	Lower	Upper	
162	100		
164	65.2	46.8	86.8
98	26.4	9.1	49.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.40 ng

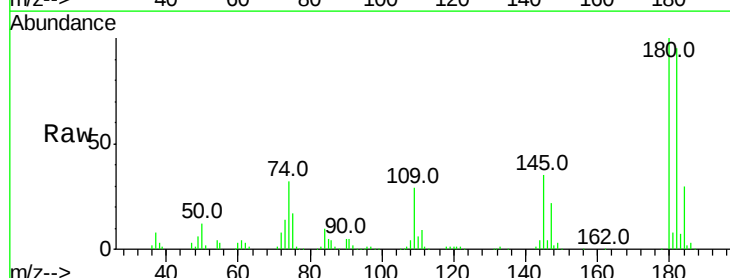
RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

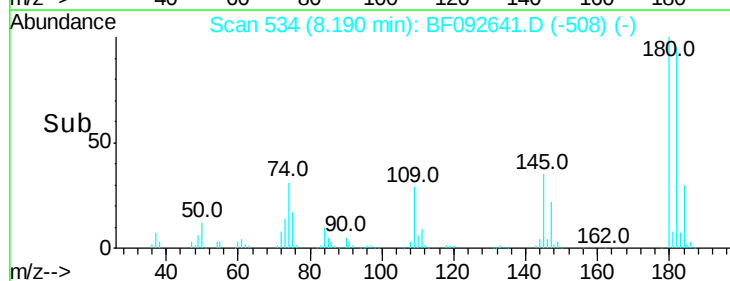
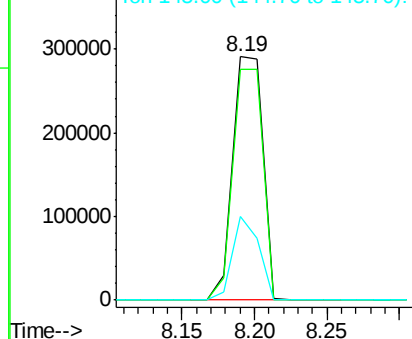
Lab File: BF092641.D

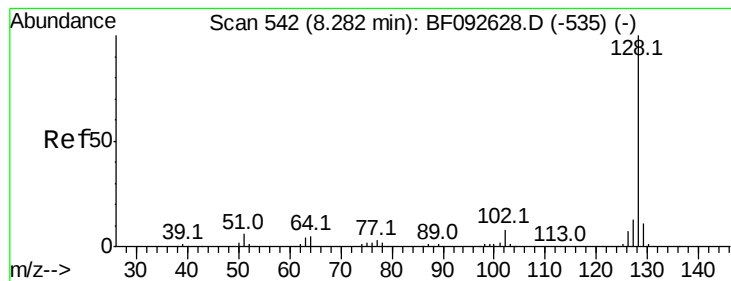
Acq: 30 Jan 2017 18:39

Tgt Ion:	180	Resp:	418163
Ion Ratio	Lower	Upper	
180	100		
182	94.6	78.2	117.4
145	34.6	21.6	32.4#



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.73 ng

RT: 8.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1417357

Ion Ratio Lower Upper

128 100

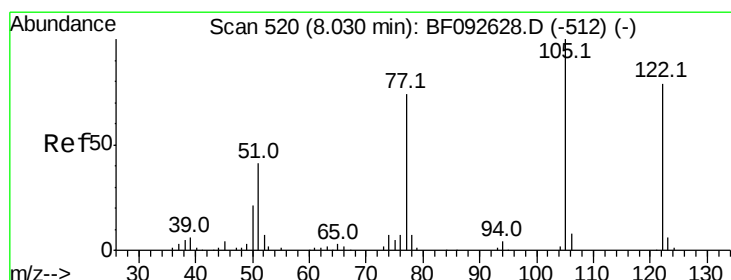
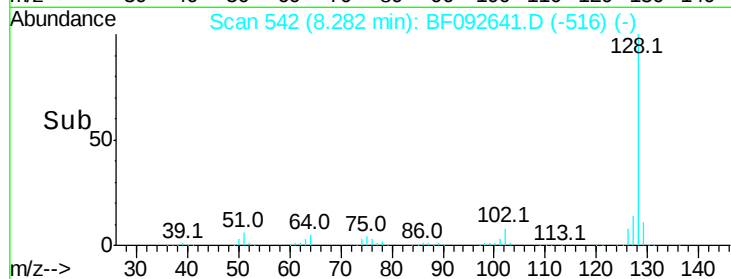
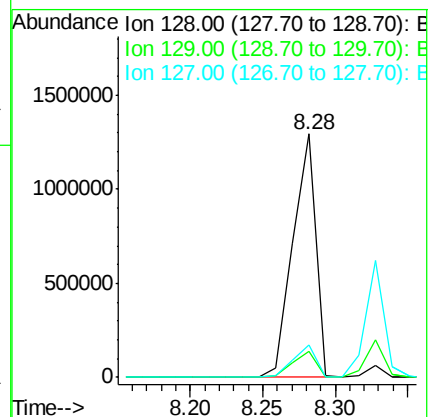
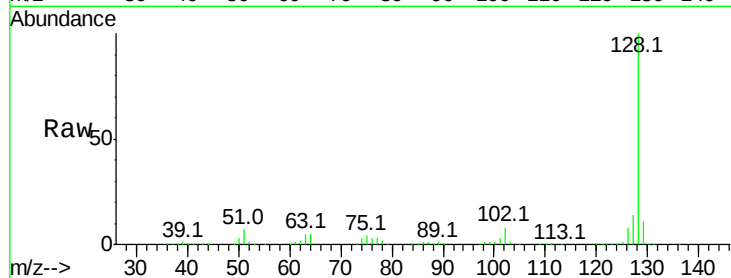
129 10.9 9.5 14.3

127 13.6 10.8 16.2

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#32

Benzoic acid

Concen: 39.24 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

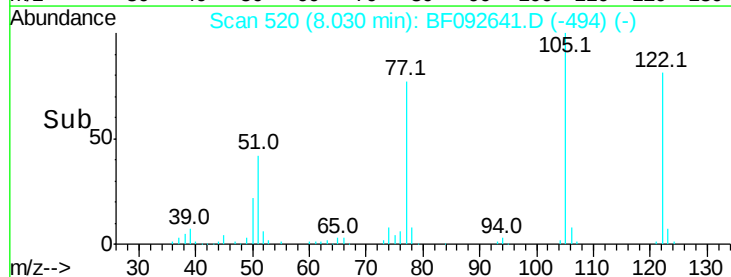
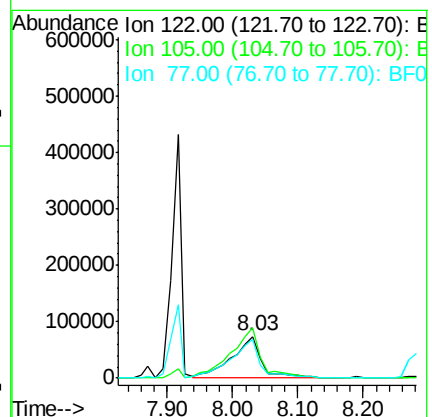
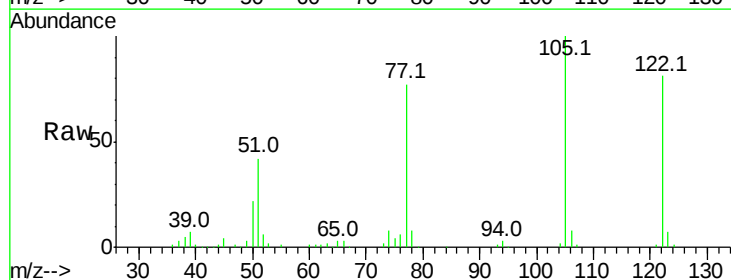
Tgt Ion:122 Resp: 231445

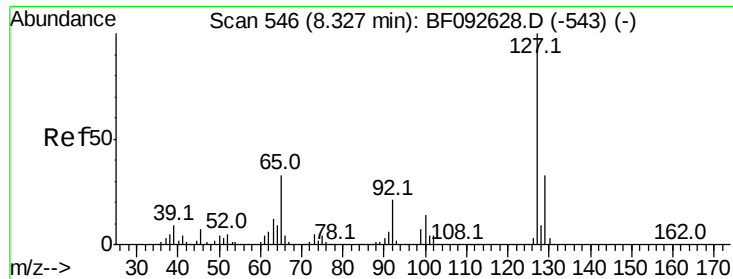
Ion Ratio Lower Upper

122 100

105 122.8 107.2 147.2

77 94.6 74.5 114.5





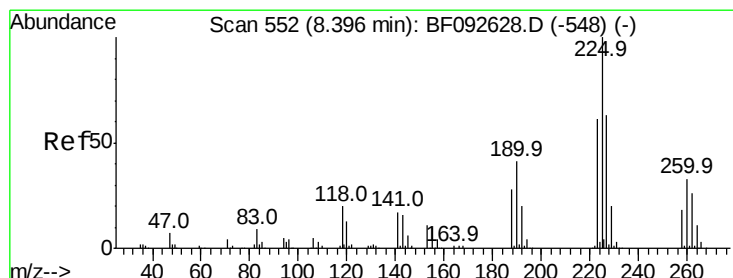
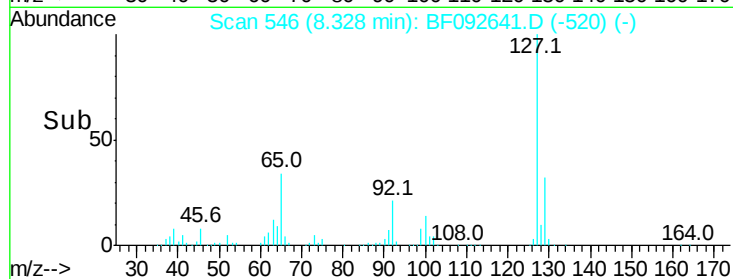
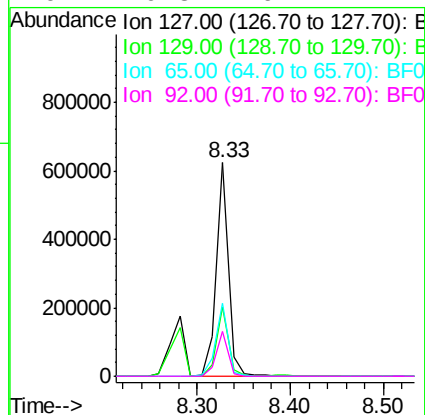
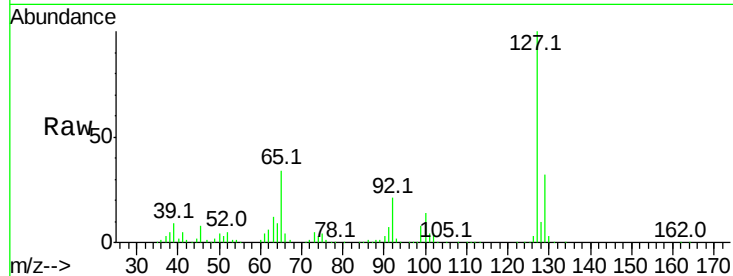
#33
4-Chloroaniline
Concen: 39.96 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.3	39.5	
65	34.4	25.8	38.8	
92	20.8	16.1	24.1	

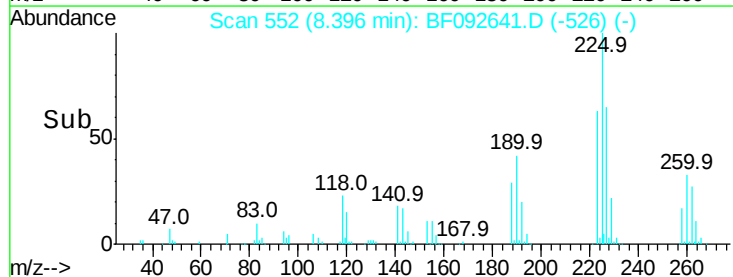
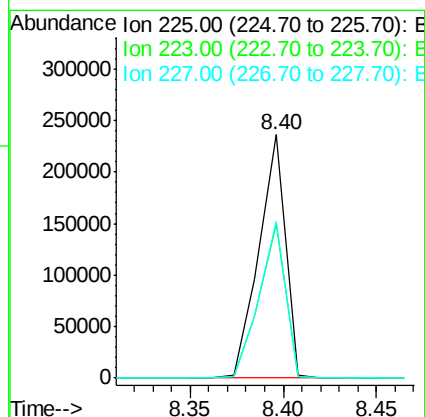
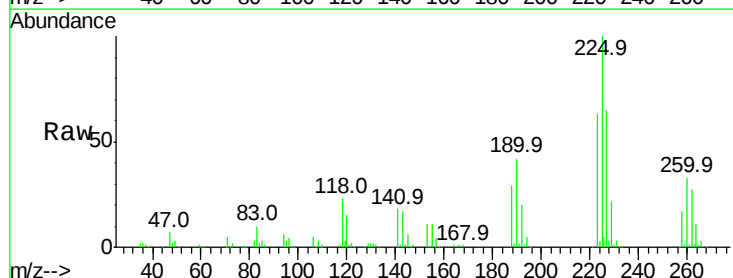
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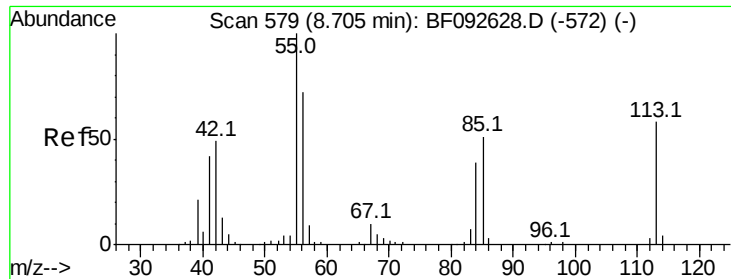
mohammad
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#34
Hexachlorobutadiene
Concen: 38.67 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	51.0	76.6	
227	64.6	50.6	76.0	





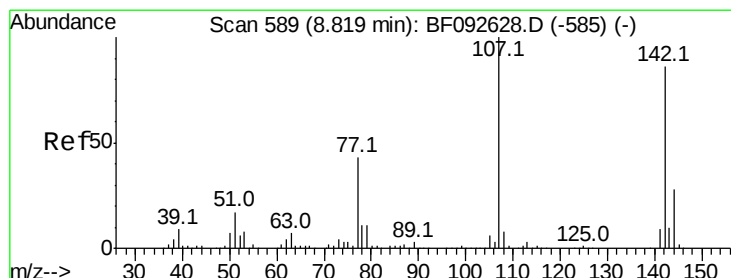
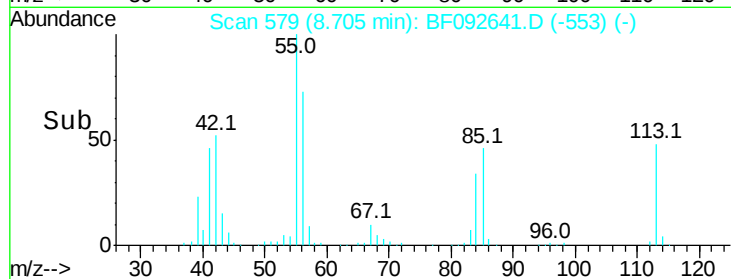
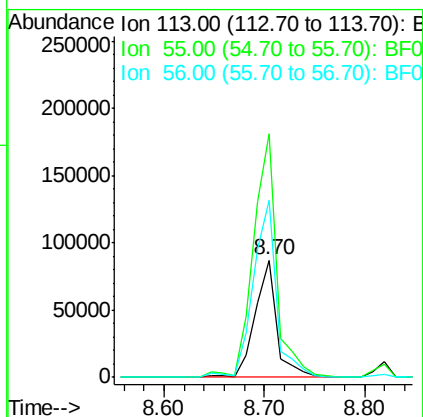
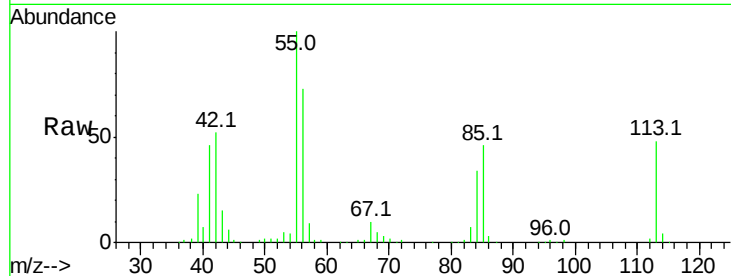
#35
 Caprolactam
 Concen: 41.22 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.9	119.2	159.2#
56	151.1	83.8	123.8#

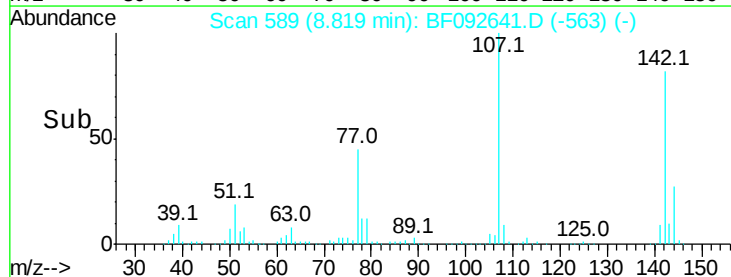
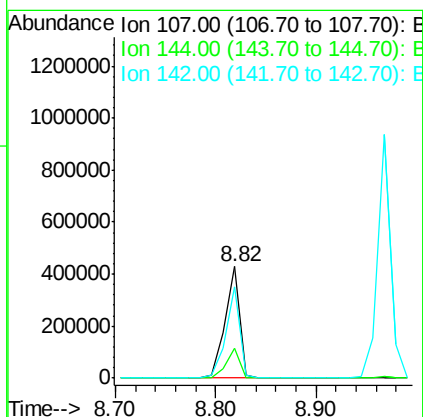
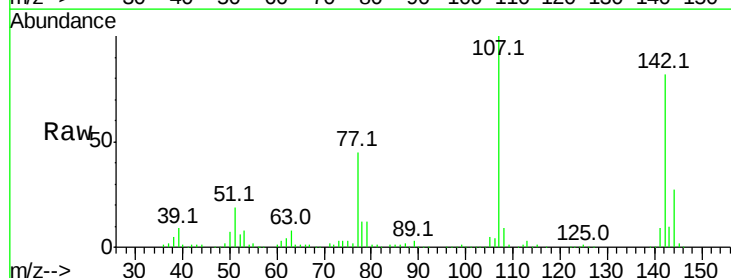
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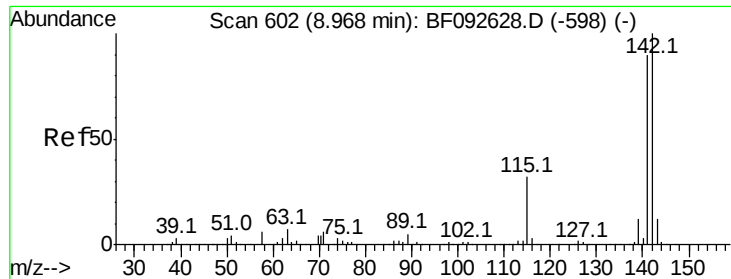
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#36
 4-Chloro-3-methylphenol
 Concen: 40.91 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	19.3	28.9
142	82.2	59.0	88.6





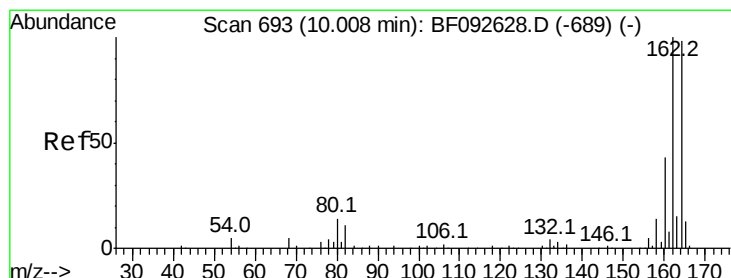
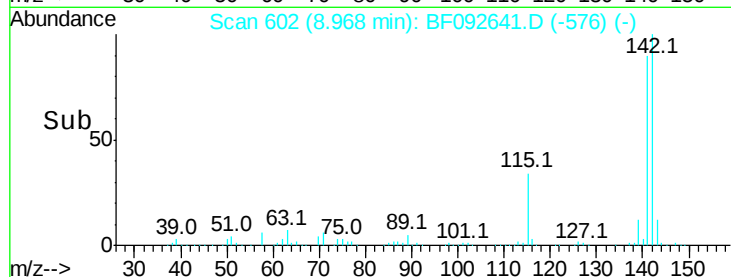
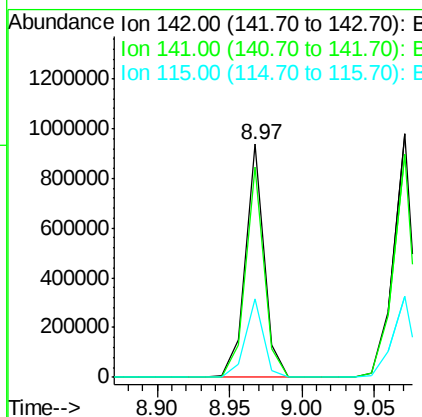
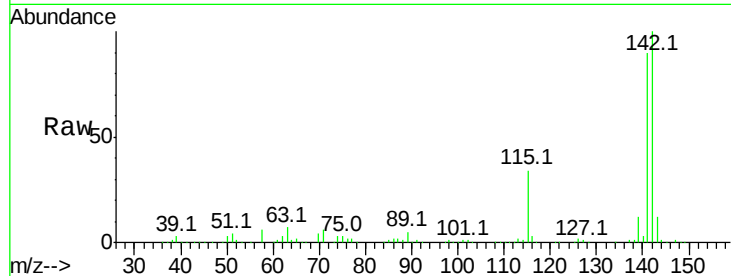
#37
2-Methylnaphthalene
Concen: 36.66 ng
RT: 8.97 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	33.8	28.3	42.5

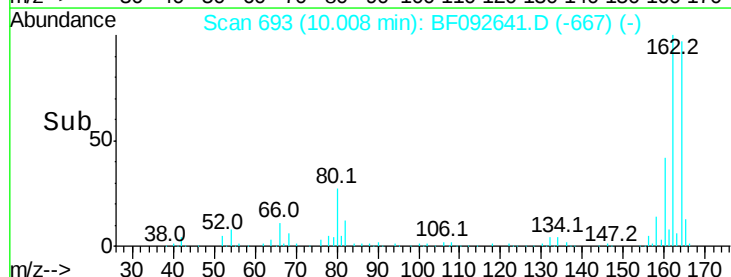
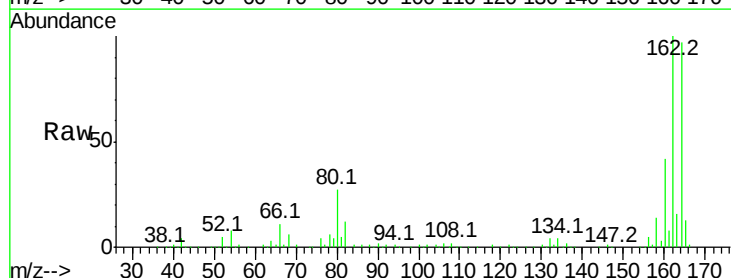
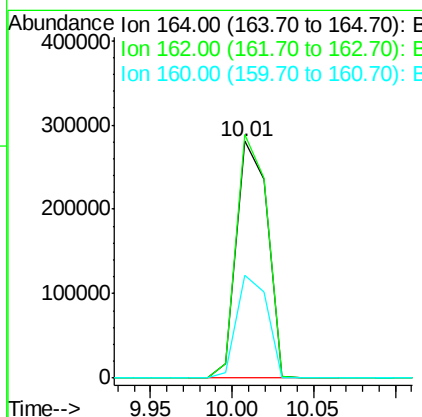
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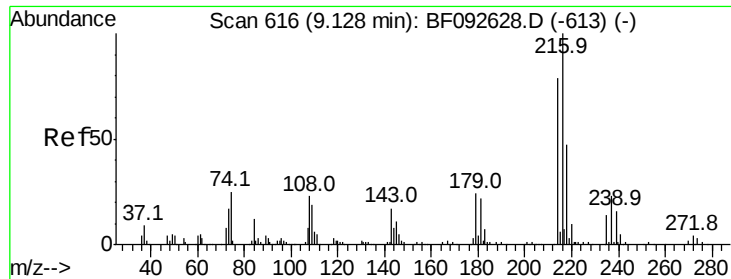
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	43.2	36.9	55.3





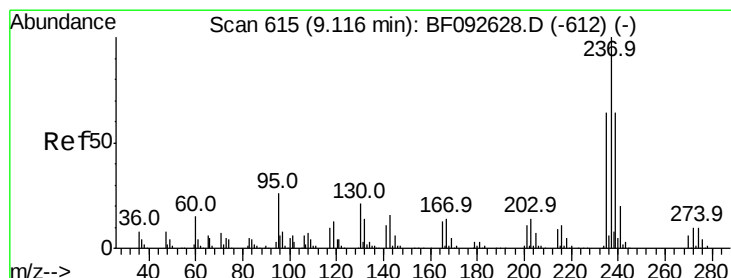
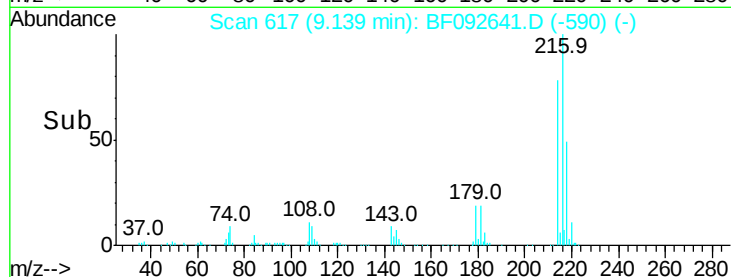
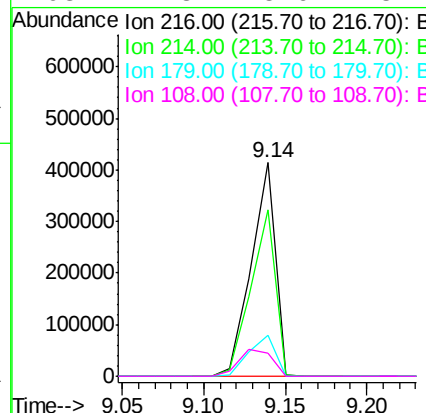
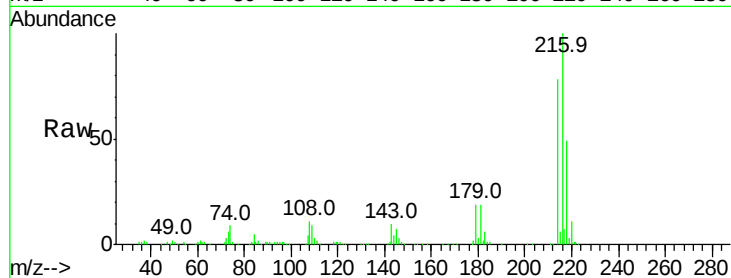
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.48 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	20.8	17.4	26.2
108	17.3	15.6	23.4

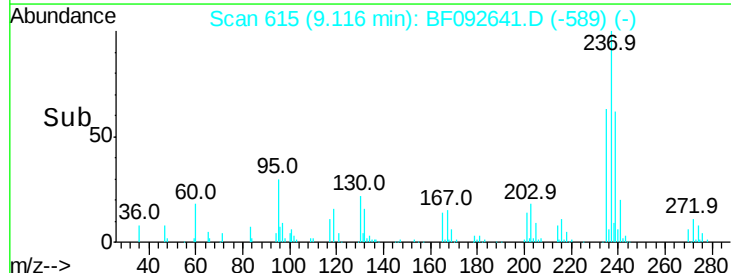
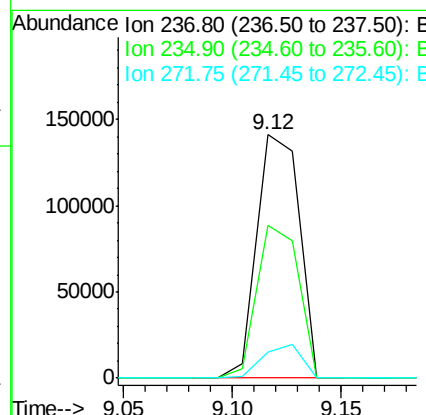
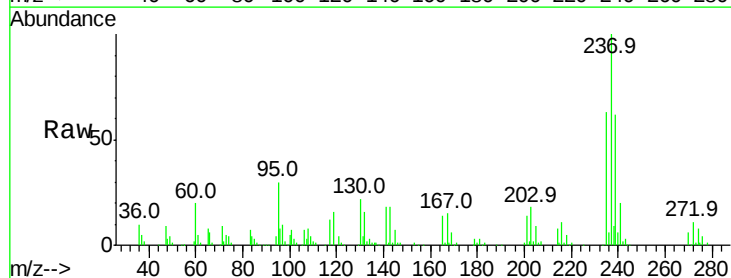
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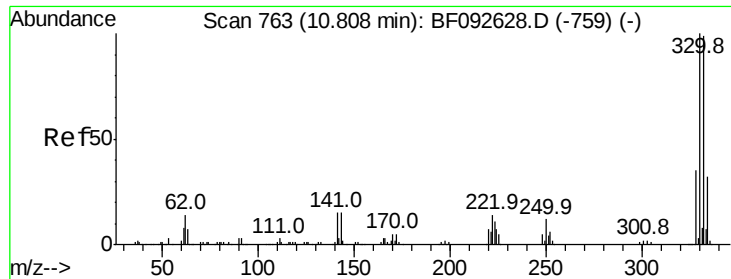
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 41.57 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.2	81.2
272	10.5	0.0	35.4





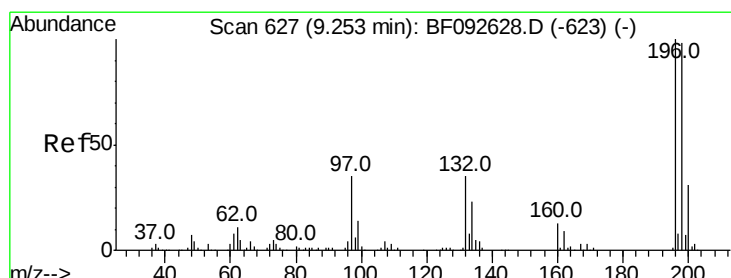
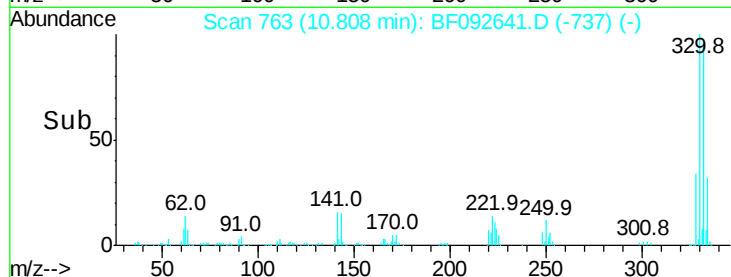
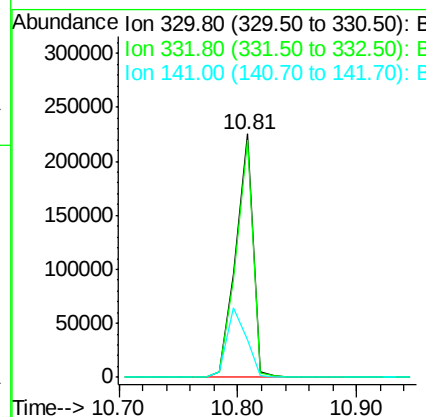
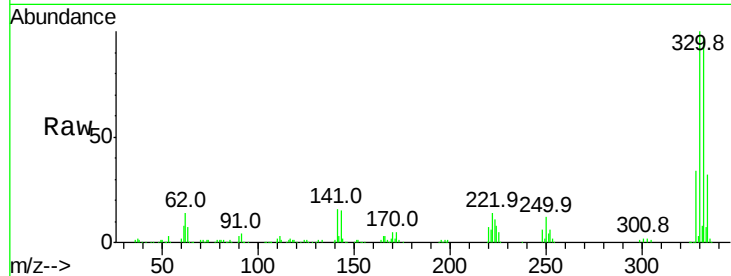
#41
 2,4,6-Tribromophenol
 Concen: 86.28 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.4	116.2	
141	31.8	34.1	51.1#	

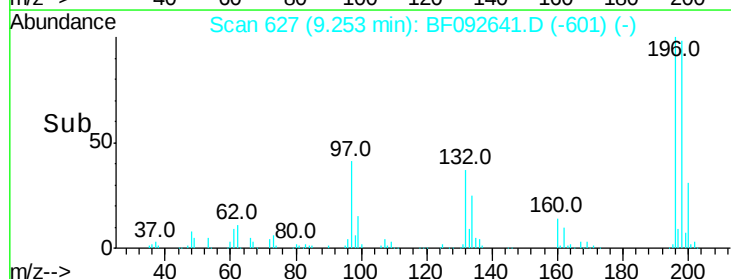
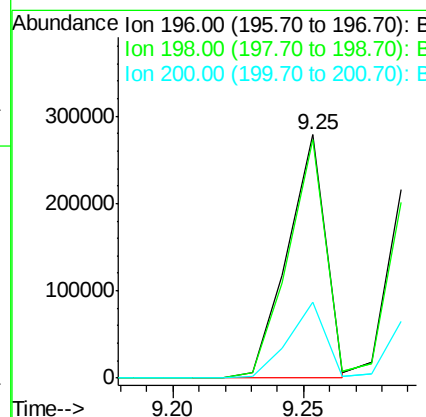
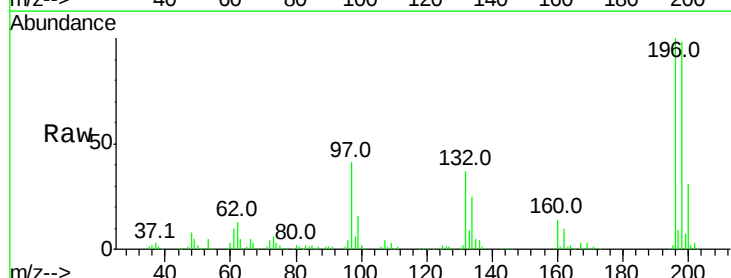
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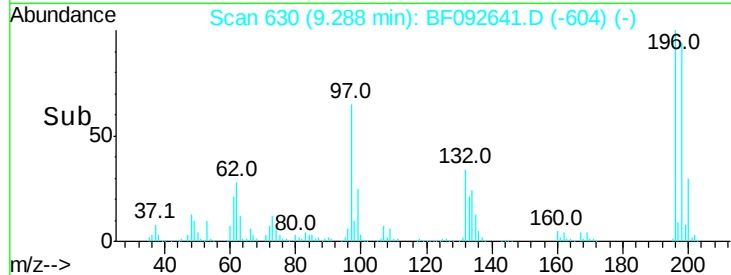
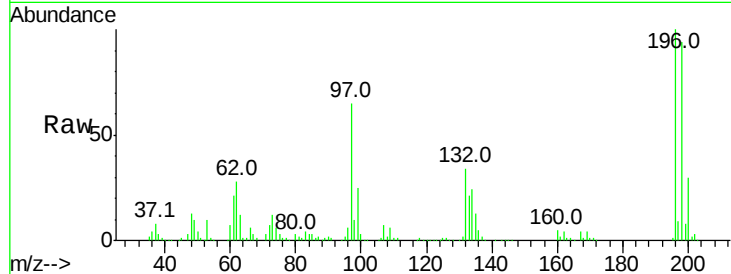
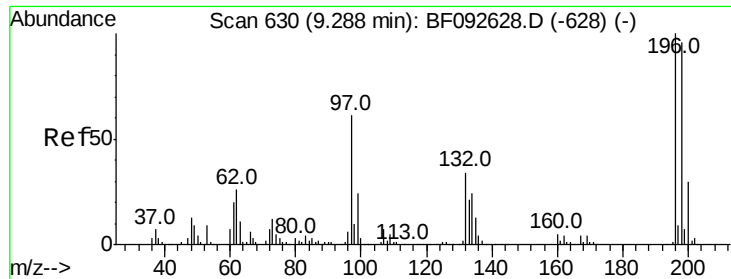
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.8	82.1	123.1	
200	31.3	27.0	40.4	





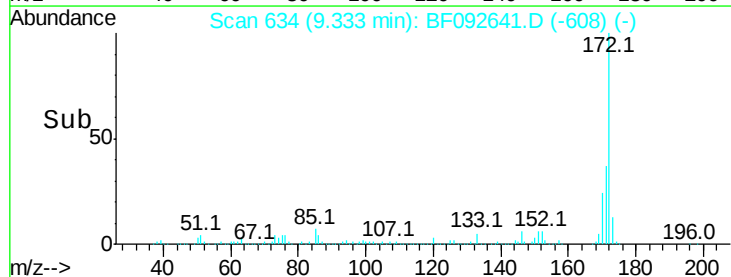
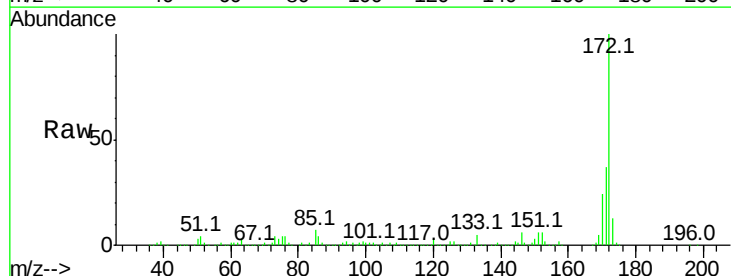
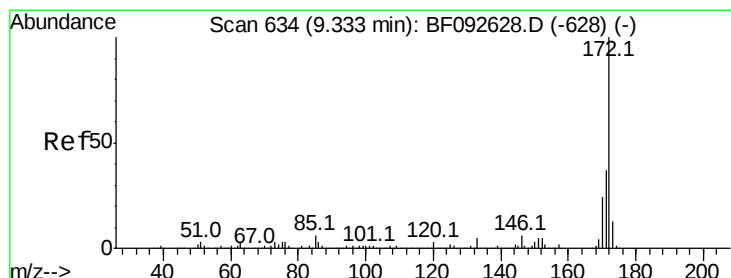
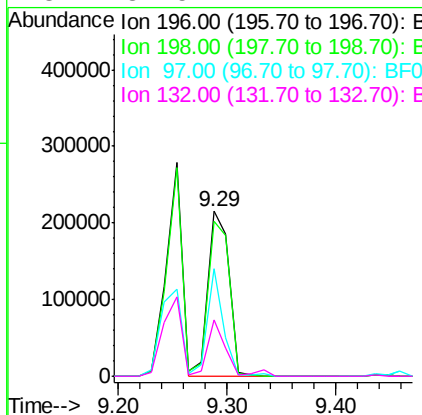
#43
2,4,5-Trichlorophenol
Concen: 39.59 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tot Ion	Ratio	Resp	Lower	Upper
196	100	293433		
198	93.7	79.4	119.2	
97	65.1	51.5	77.3	
132	34.5	27.4	41.2	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

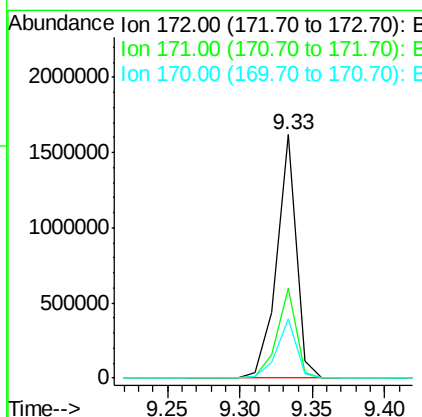
Manual Integrations
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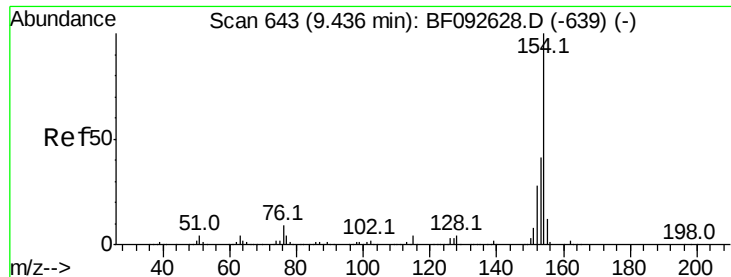
mohammad
1/31/2017 4:45:30 PM



#44
2-Fluorobiphenyl
Concen: 74.94 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1517202		
171	36.8	29.4	44.0	
170	24.4	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 41.90 ng

RT: 9.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1112654

Ion Ratio Lower Upper

154 100

153 41.3 20.9 60.9

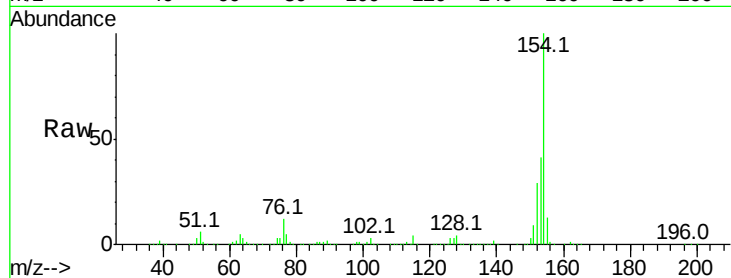
76 12.2 0.0 30.5

Manual Integrations

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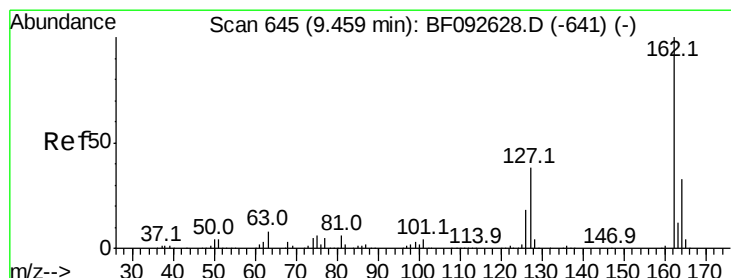
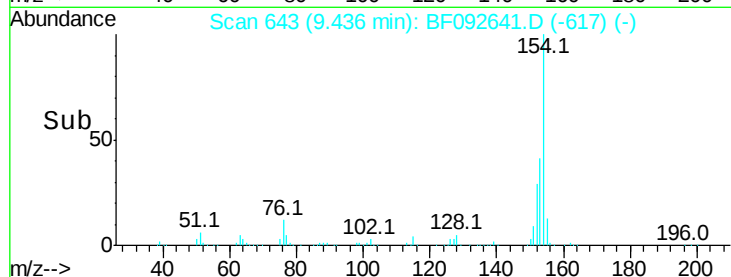
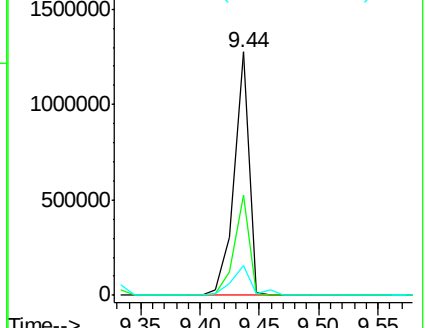
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.53 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

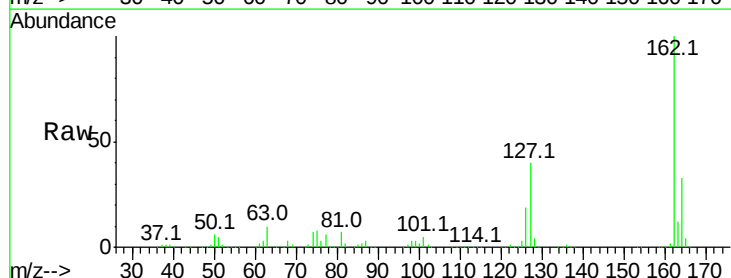
Tgt Ion:162 Resp: 821195

Ion Ratio Lower Upper

162 100

127 40.5 30.7 46.1

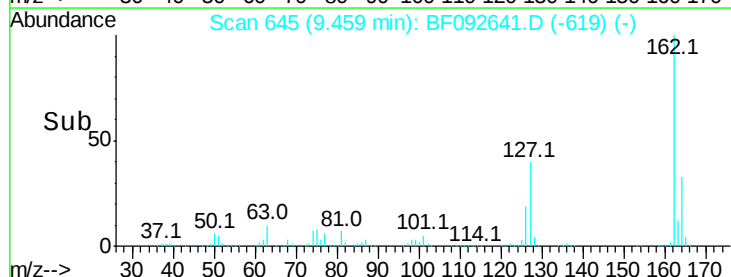
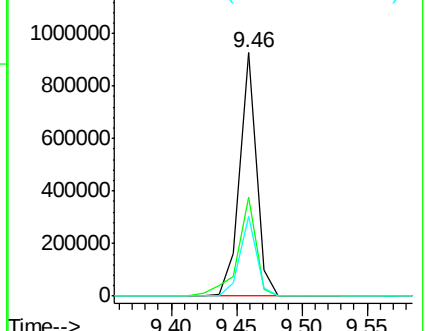
164 33.0 27.6 41.4



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





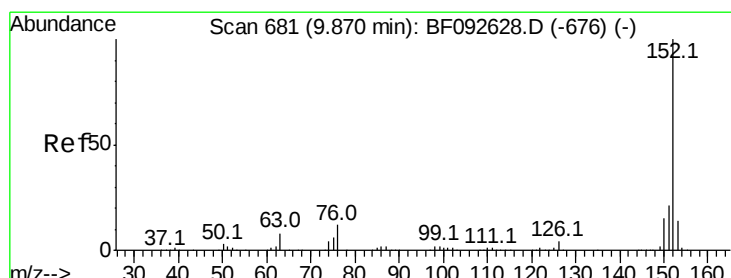
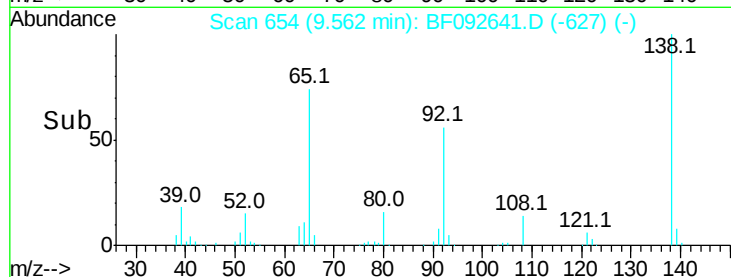
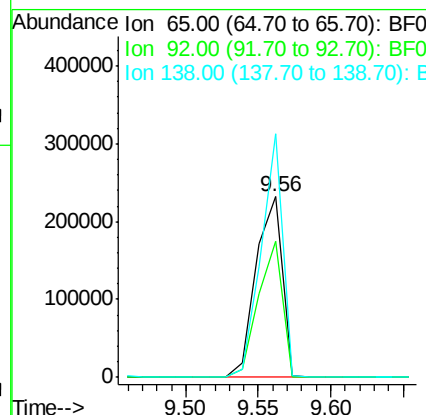
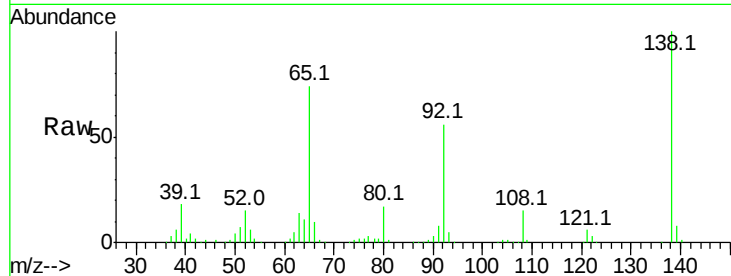
#47
2-Nitroaniline
Concen: 41.74 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.6	53.9	80.9
138	134.7	76.8	115.2

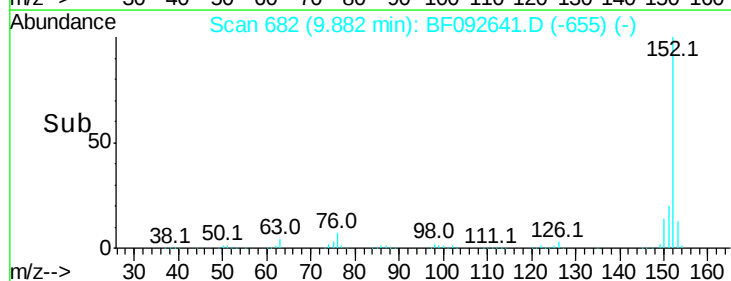
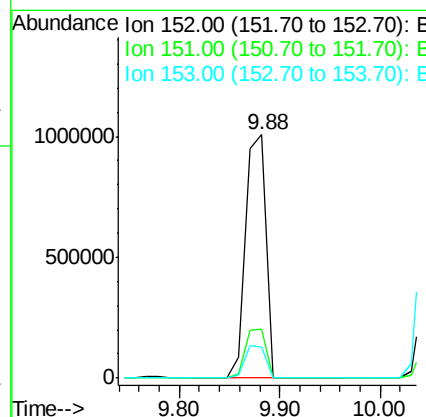
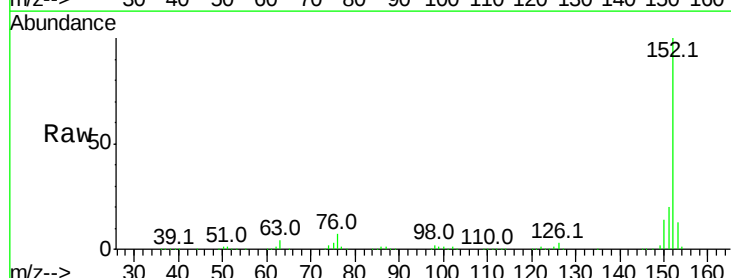
Manual Integrations
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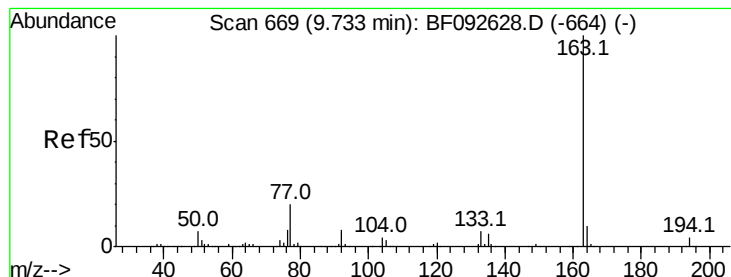
mohammad
1/31/2017 4:45:30 PM



#48
Acenaphthylene
Concen: 39.30 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	12.7	11.4	17.2





#49

Dimethylphthalate

Concen: 37.25 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

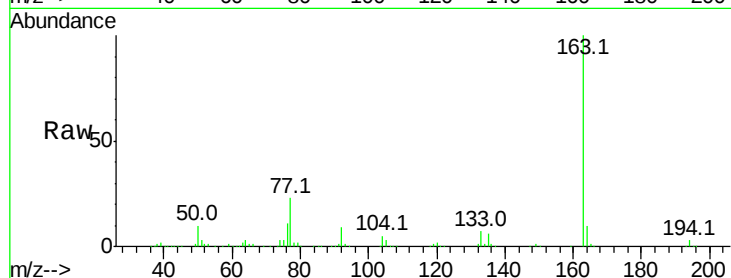
ClientSampleId :

SSTDCCC040

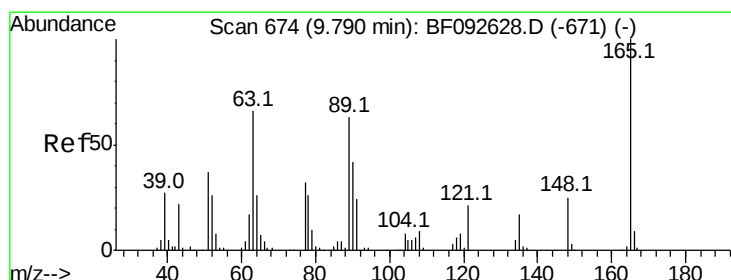
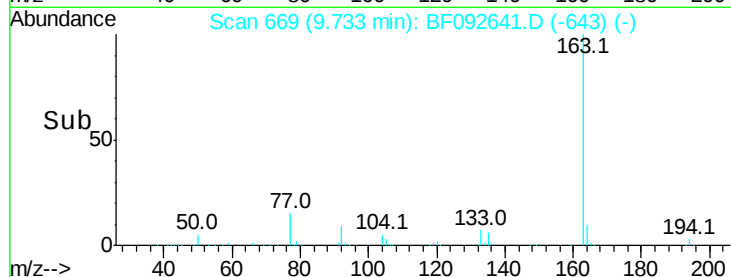
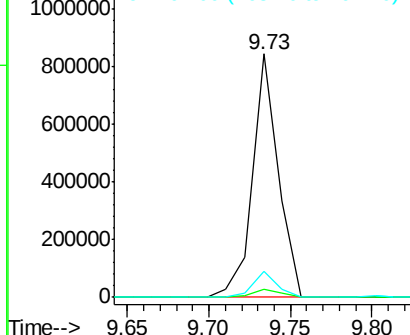
Tot Ion:	163	Resp:	920140
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.0	4.4
164	10.5	8.0	12.0

Manual Integrations
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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: 46.31 ng

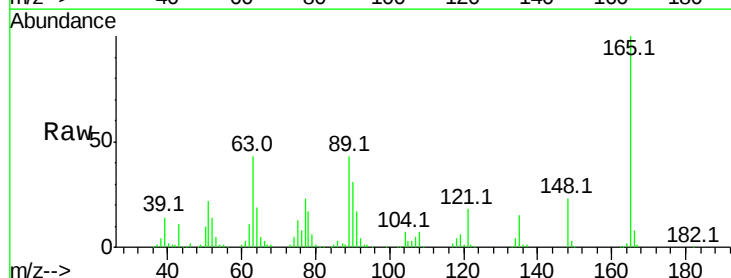
RT: 9.80 min Scan# 675

Delta R.T. 0.01 min

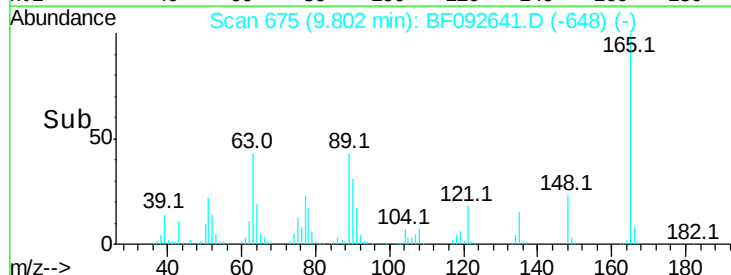
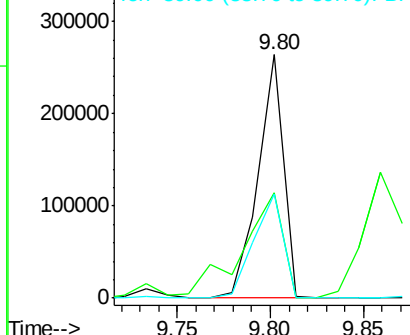
Lab File: BF092641.D

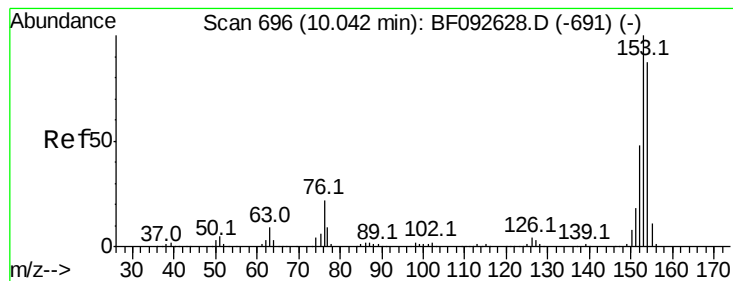
Acq: 30 Jan 2017 18:39

Tgt Ion:	165	Resp:	247081
Ion Ratio	Lower	Upper	
165	100		
63	43.4	36.2	54.4
89	42.6	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: 39.84 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:154 Resp: 854979

Ion Ratio Lower Upper

154 100

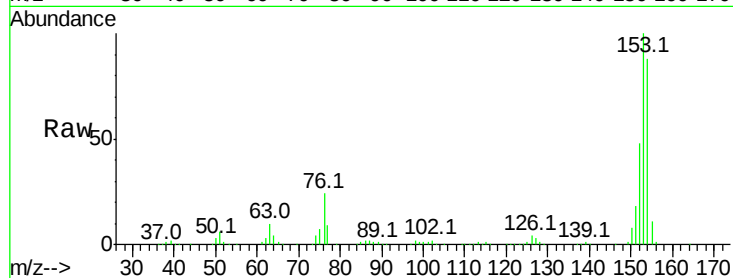
153 114.1 88.6 133.0

152 55.2 41.6 62.4

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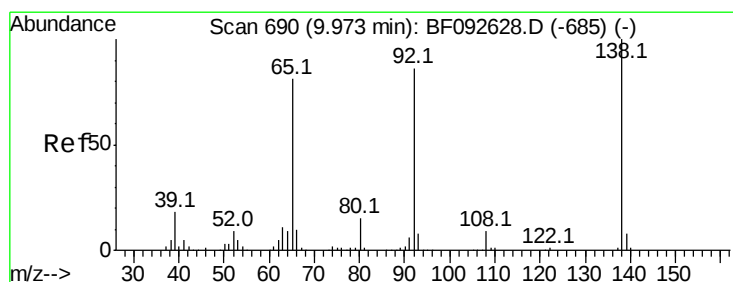
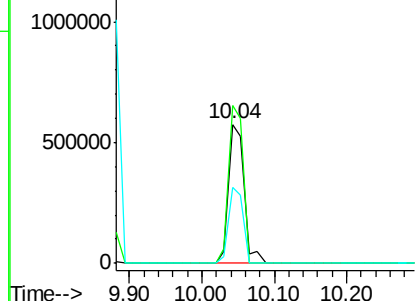
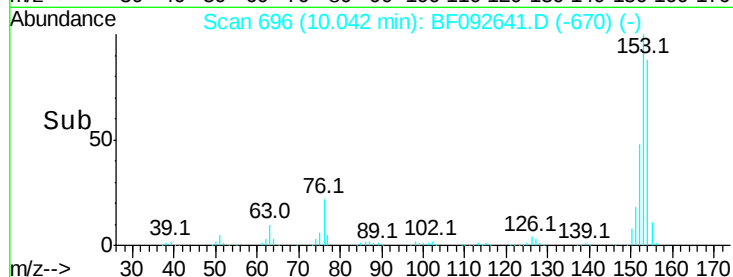
1/31/2017 4:45:30 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.99 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

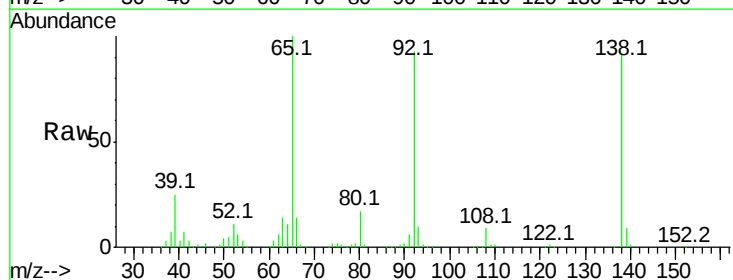
Tgt Ion:138 Resp: 286932

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

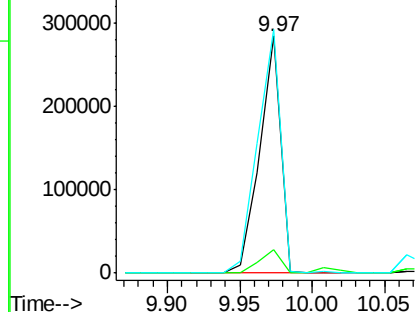
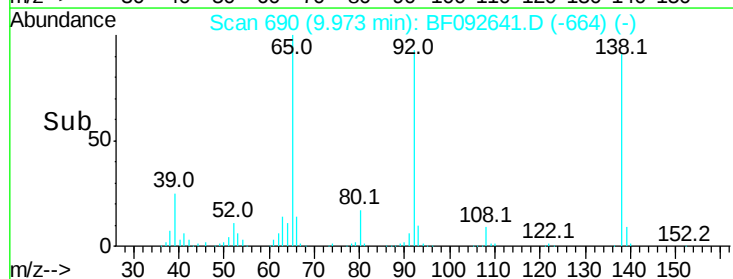
92 102.9 97.8 146.8

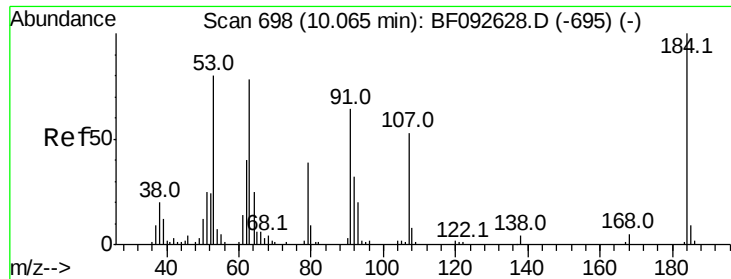


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





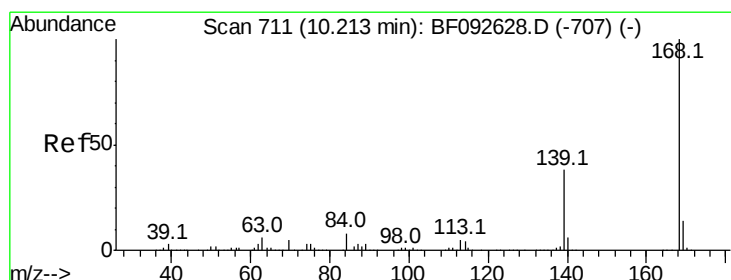
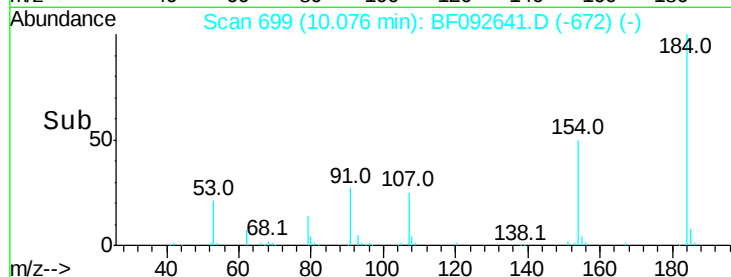
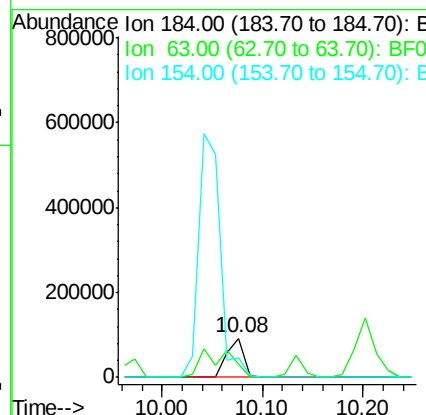
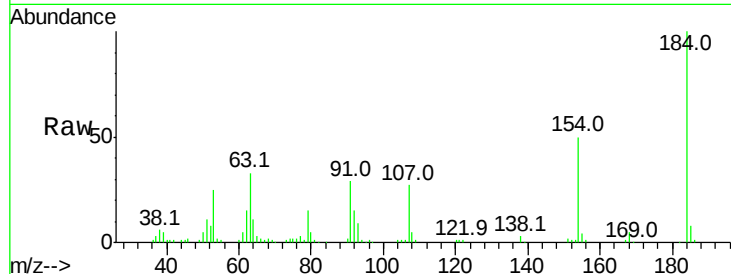
#53
 2,4-Dinitrophenol
 Concen: 42.88 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	32.6	28.4	42.6	
154	50.4	44.3	66.5	

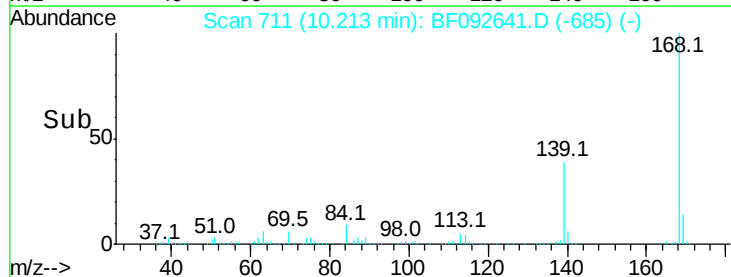
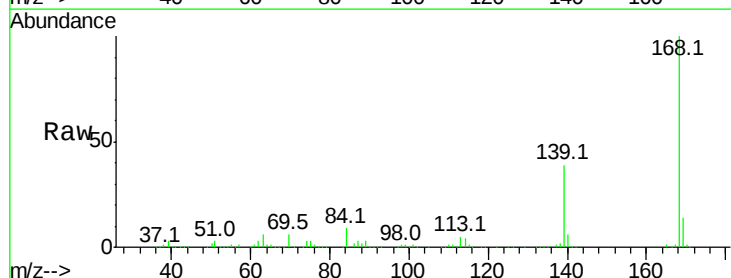
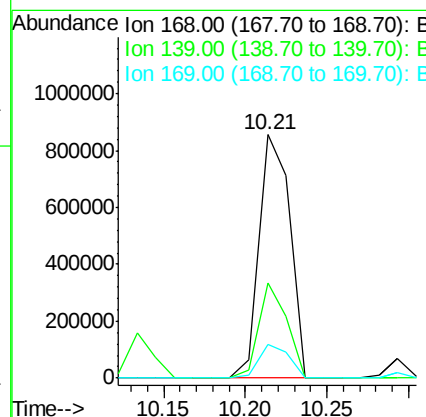
Manual Integrations
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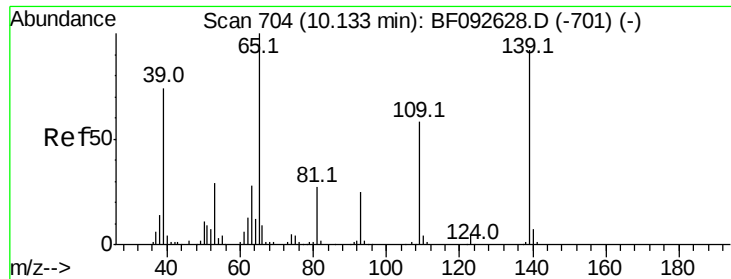
mohammad
 1/31/2017 4:45:30 PM



#54
 Dibenzofuran
 Concen: 39.17 ng
 RT: 10.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.0	32.6	49.0	
169	13.8	11.3	16.9	





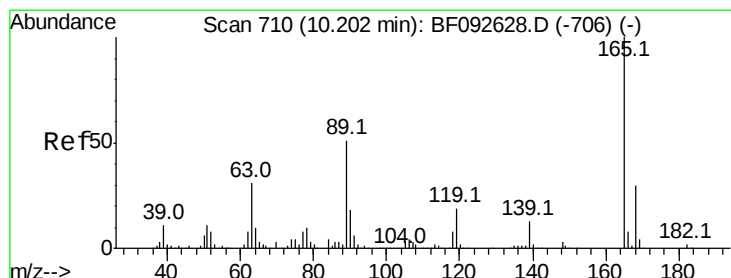
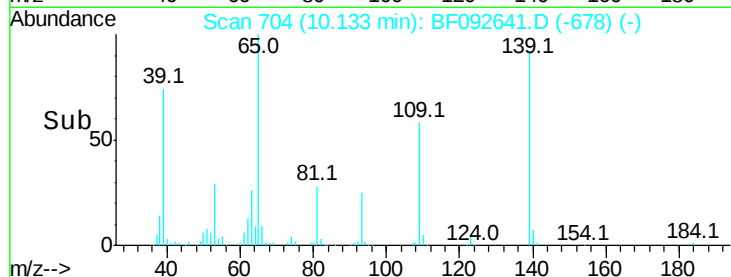
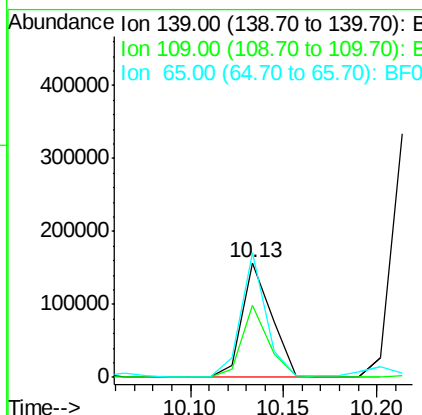
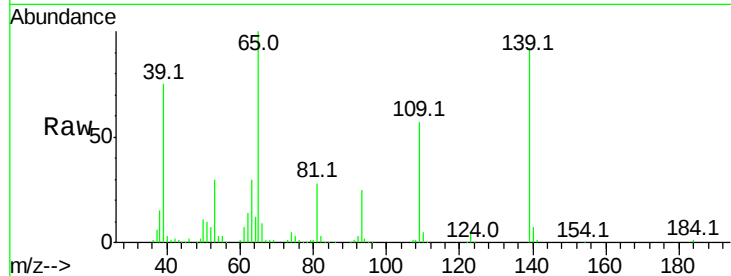
#55
4-Nitrophenol
Concen: 39.54 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.6	52.2	92.2
65	109.1	85.8	125.8

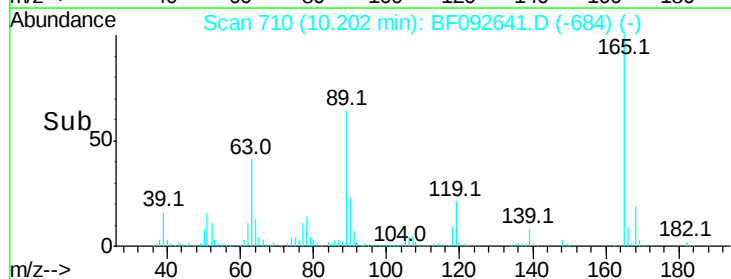
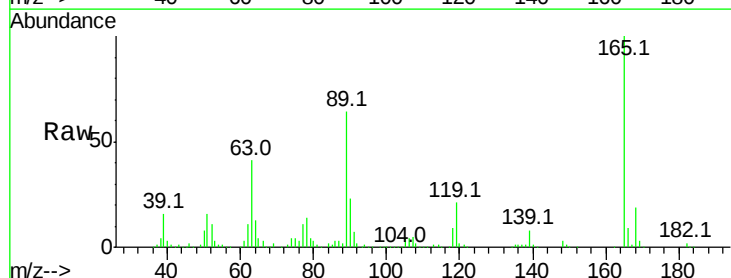
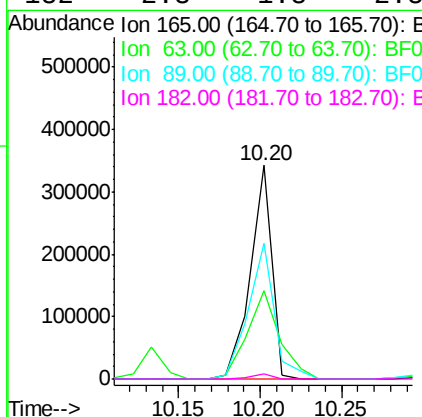
Manual Integrations
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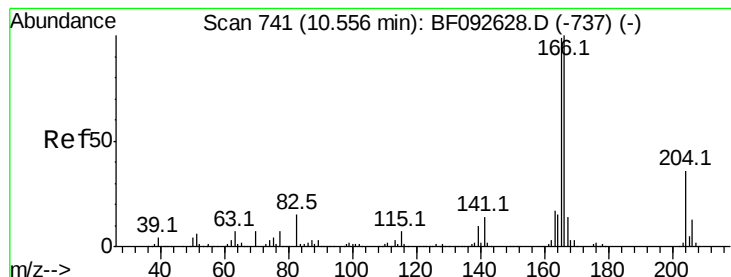
mohammad
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#56
2,4-Dinitrotoluene
Concen: 43.86 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.1	40.2	60.4
89	63.8	62.5	93.7
182	2.3	1.8	2.8





#57

Fluorene

Concen: 38.83 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 857402

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

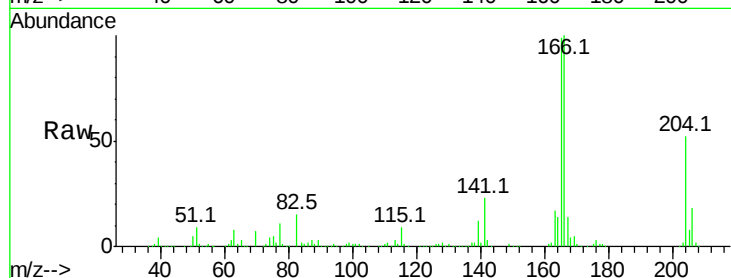
167 13.5 10.8 16.2

Manual Integrations

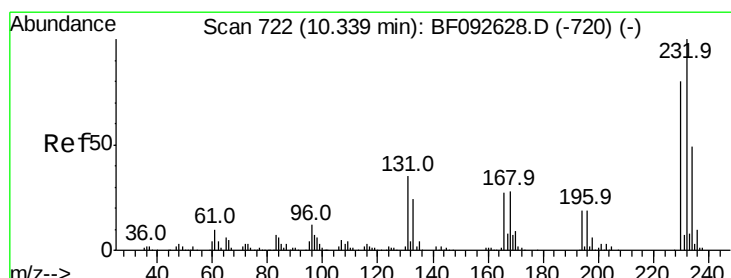
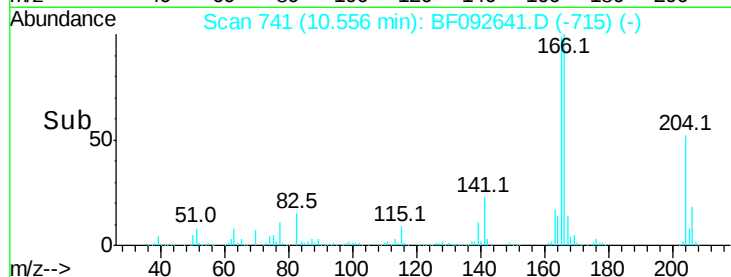
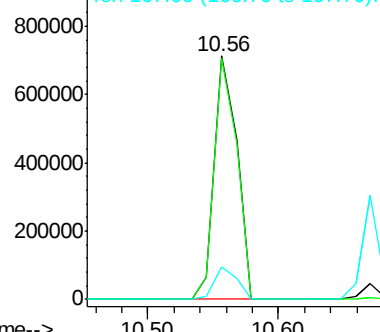
APPROVED

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1/31/2017 4:45:30 PM



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.87 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Tgt Ion:232 Resp: 216942

Ion Ratio Lower Upper

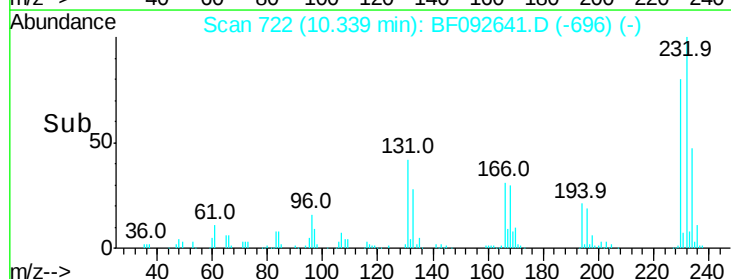
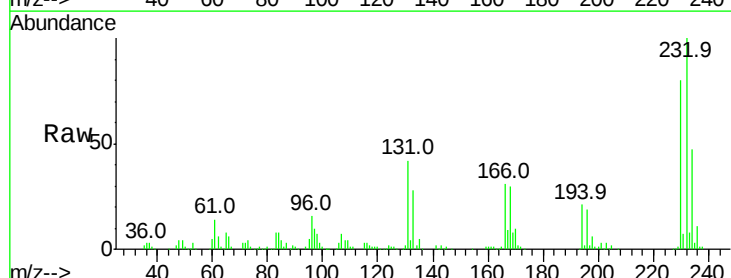
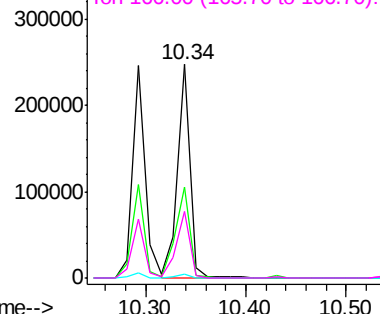
232 100

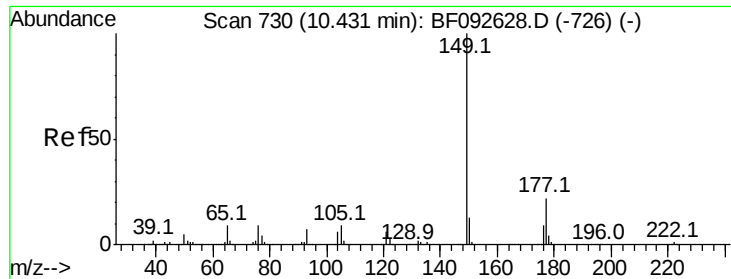
131 47.5 40.1 60.1

130 2.1 1.8 2.8

166 32.8 26.6 39.8

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





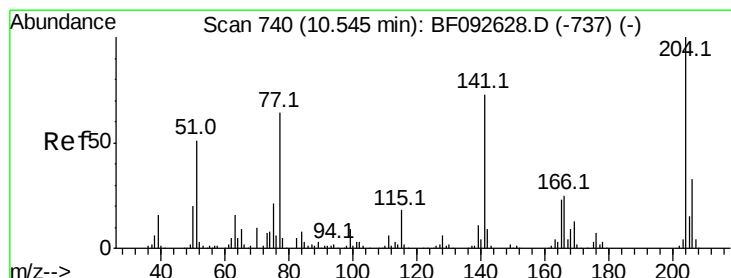
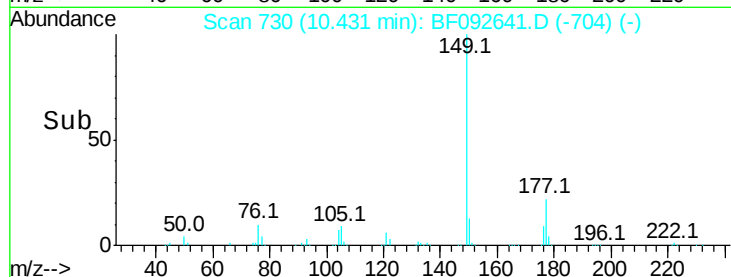
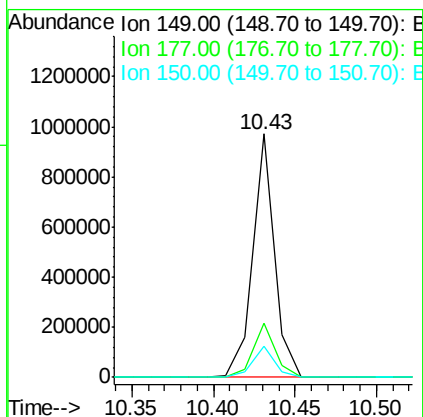
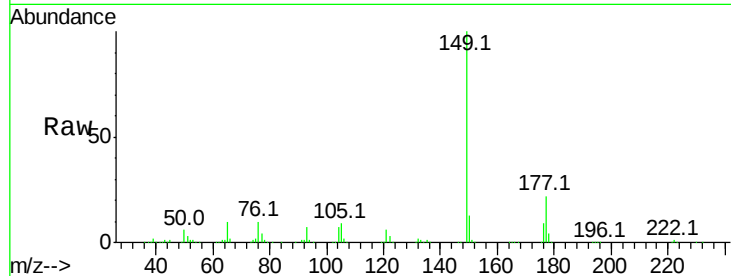
#59
Diethylphthalate
Concen: 38.73 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	901647		
177	22.1	16.6	25.0	
150	12.8	10.4	15.6	

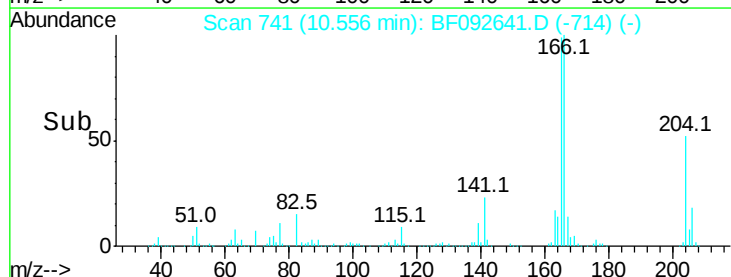
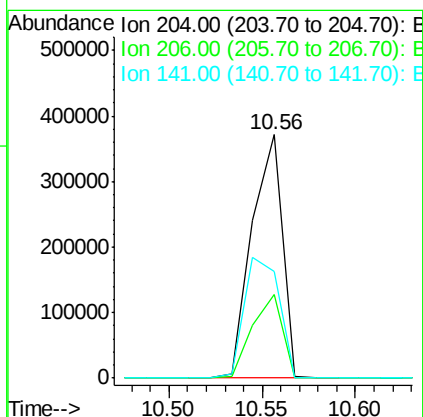
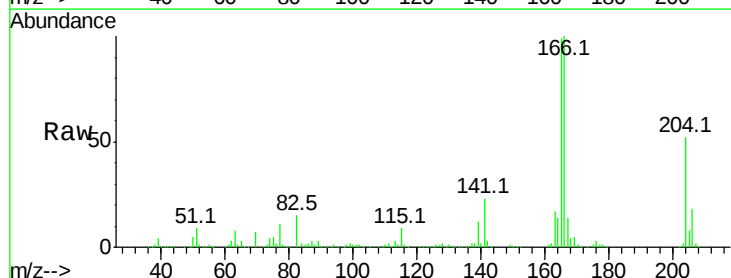
Manual Integrations
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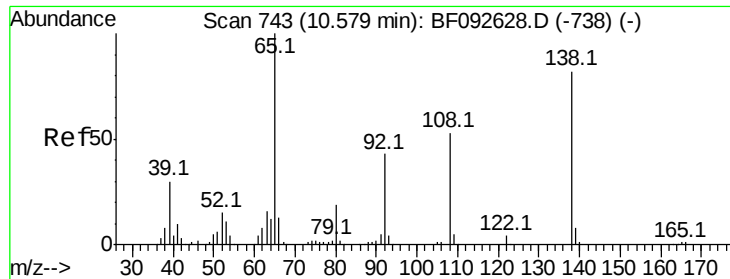
mohammad
1/31/2017 4:45:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.26 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	427055		
206	34.5	25.8	38.6	
141	43.9	59.4	89.0#	





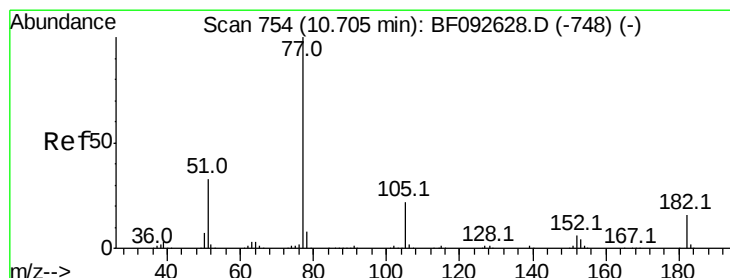
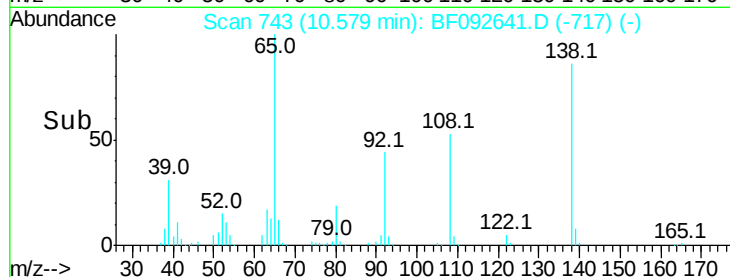
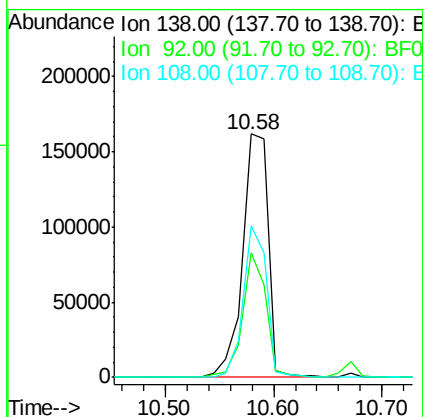
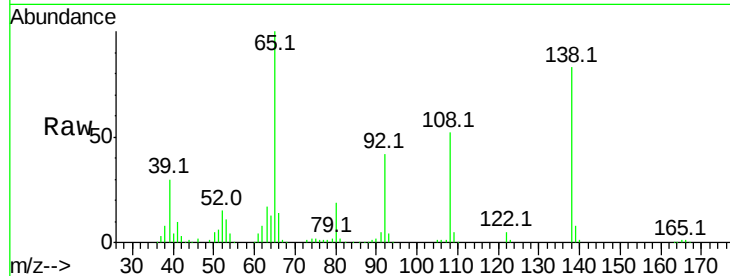
#61
4-Nitroaniline
Concen: 42.25 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.7	71.7
108	62.3	52.6	92.6

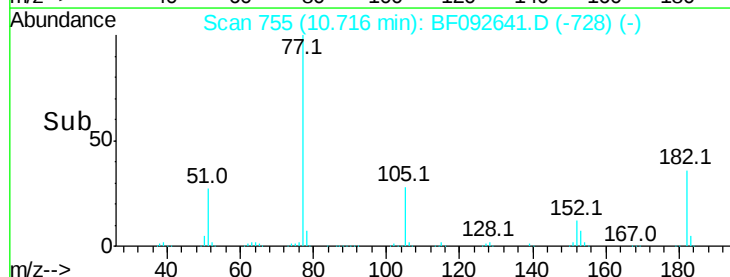
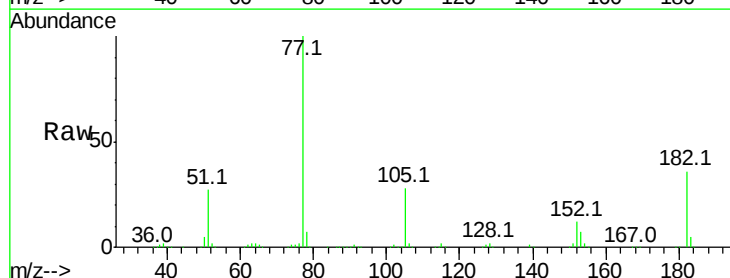
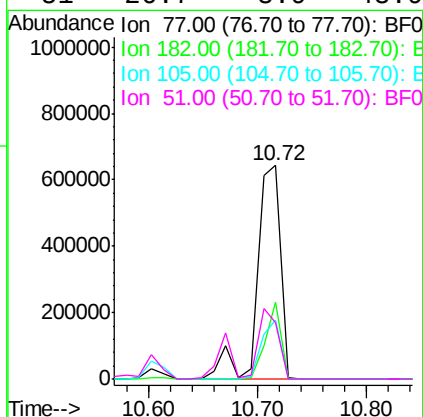
Manual Integrations
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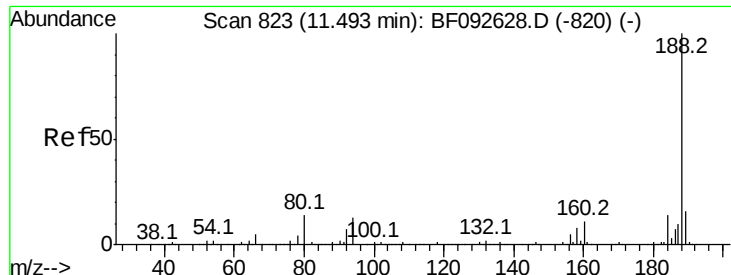
mohammad
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#62
Azobenzene
Concen: 40.54 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.9	0.0	39.3
105	27.8	2.3	42.3
51	26.7	8.9	48.9





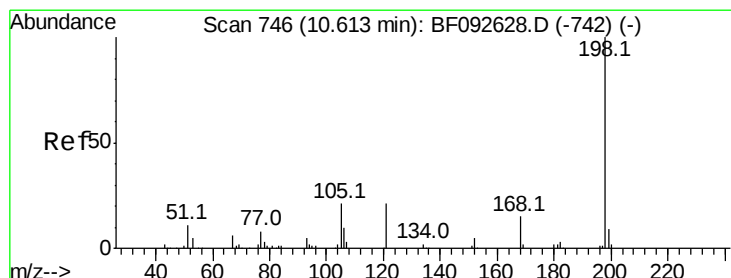
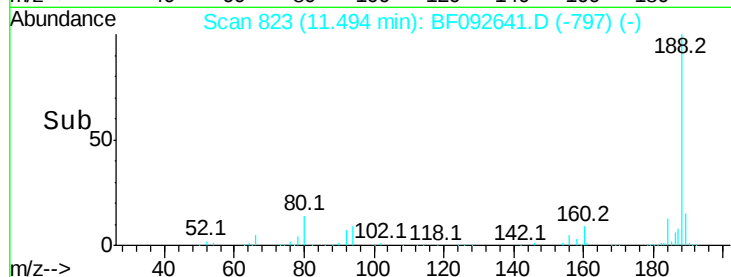
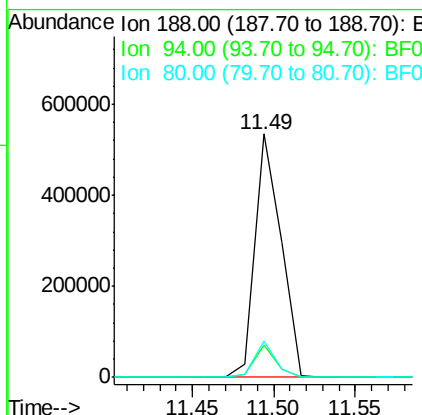
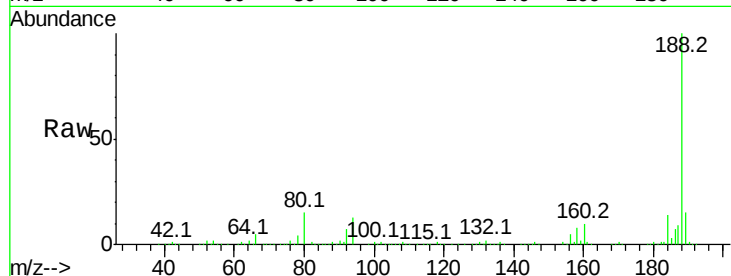
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	594104		
94	13.4	10.0	15.0	
80	14.7	11.2	16.8	

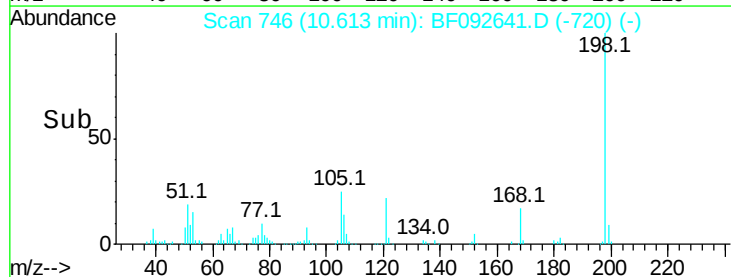
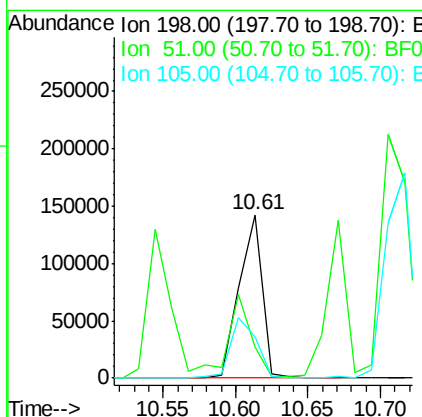
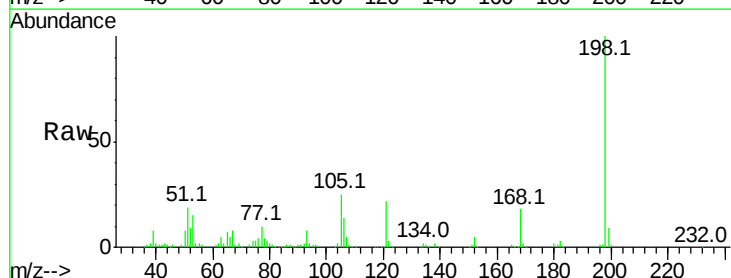
Manual Integrations
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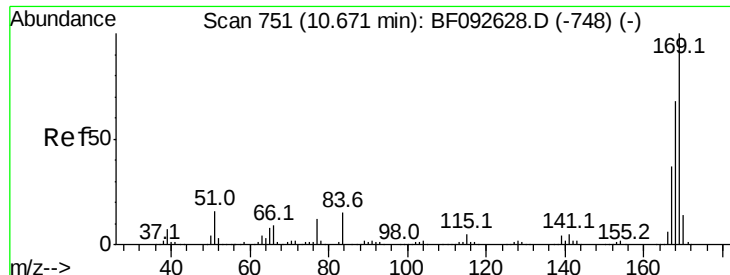
mohammad
 1/31/2017 4:45:30 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.85 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	157704		
51	19.2	6.7	46.7	
105	25.4	16.6	56.6	





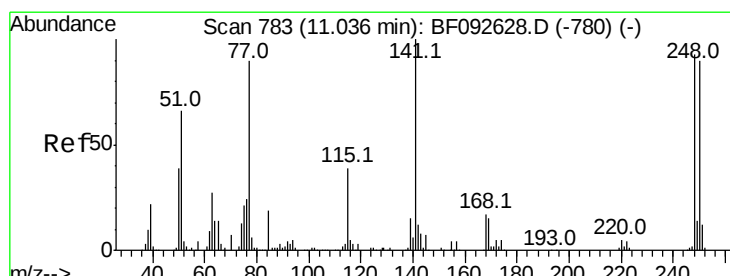
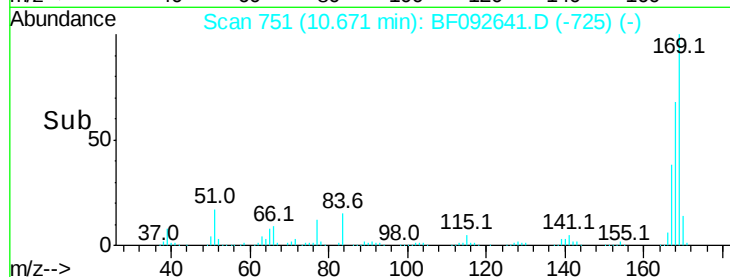
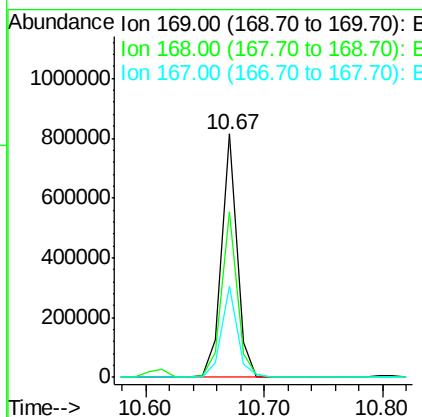
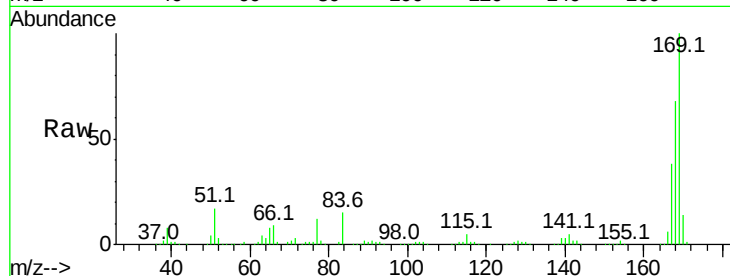
#65
 n-Nitrosodiphenylamine
 Concen: 38.64 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	733373		
168	67.8		54.2	81.2
167	37.6		30.2	45.4

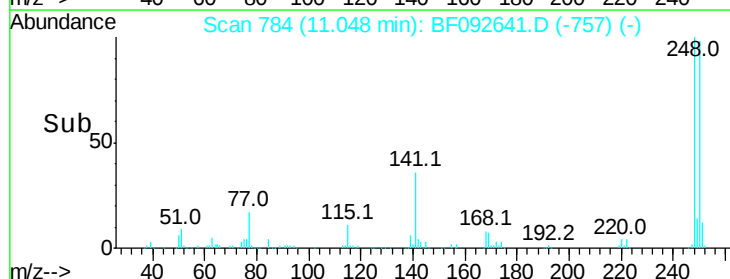
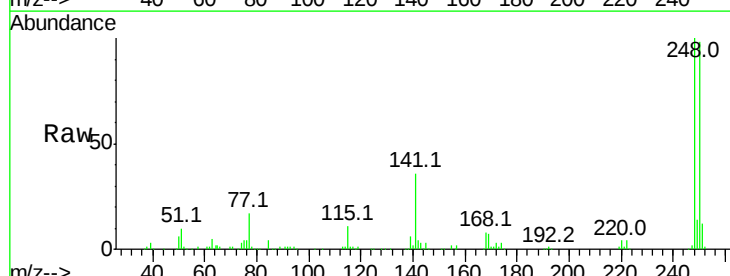
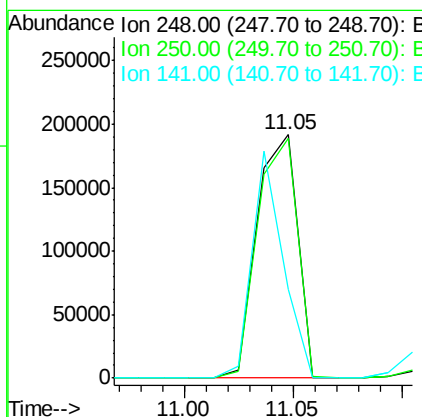
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#66
 4-Bromophenyl-phenylether
 Concen: 40.31 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	250173		
250	98.3		76.9	115.3
141	36.2		68.2	102.4#





#67

Hexachlorobenzene

Concen: 38.59 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

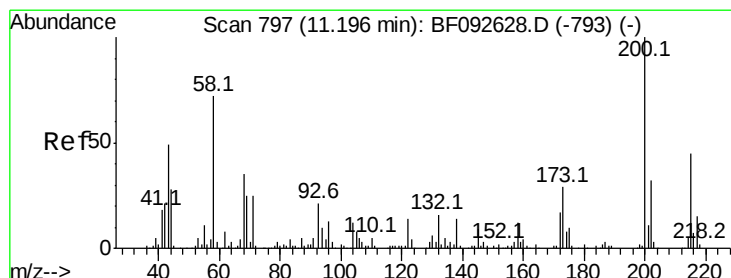
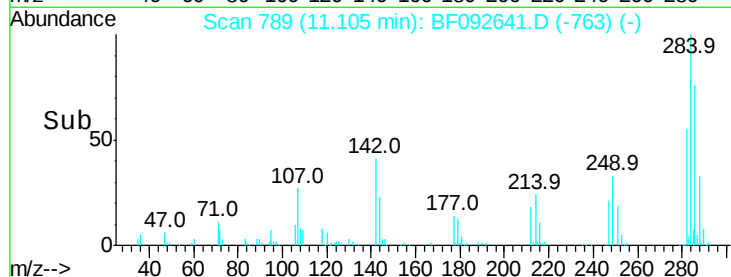
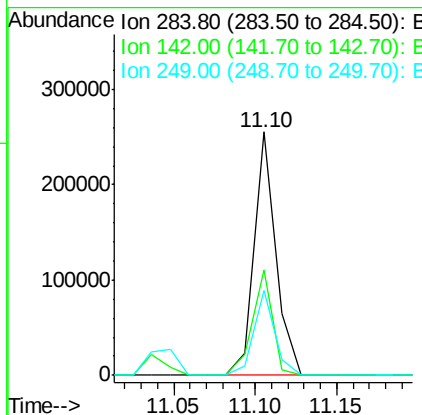
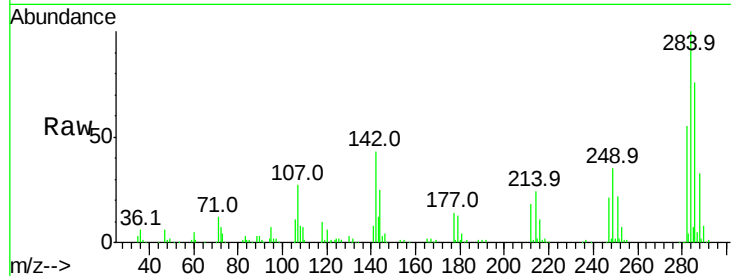
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	236702		
142	43.2	22.6	33.8#	
249	34.8	25.4	38.0	

Manual Integrations
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#68

Atrazine

Concen: 37.24 ng

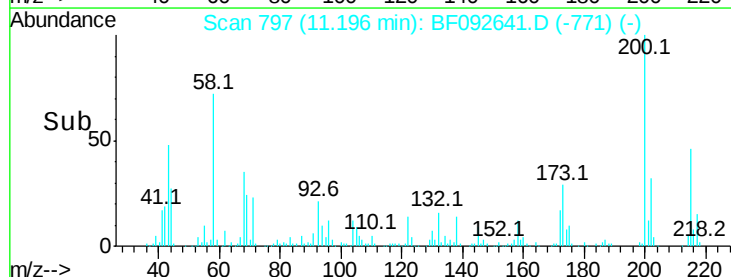
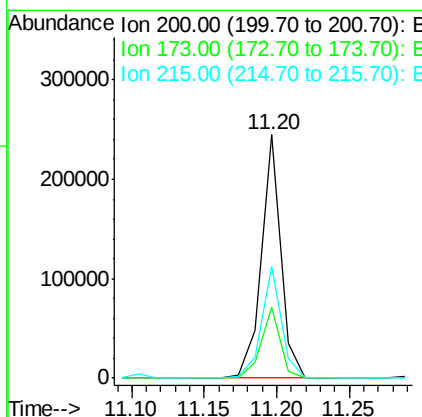
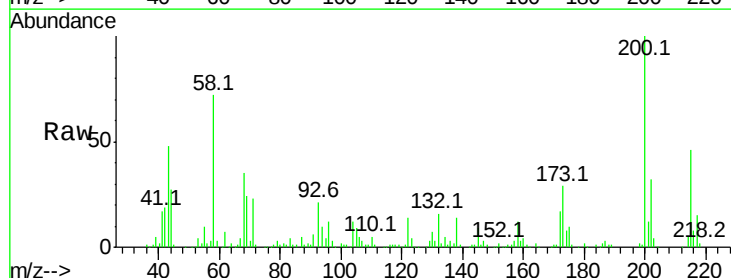
RT: 11.20 min Scan# 797

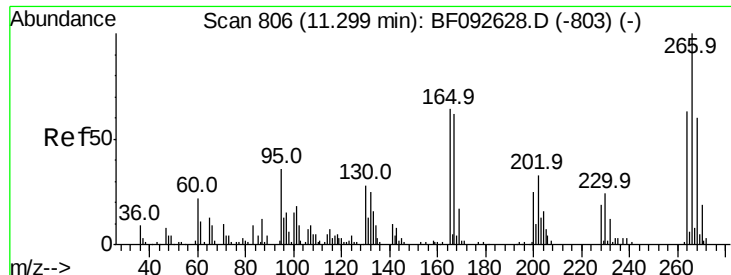
Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	226792		
173	29.1	9.6	49.6	
215	45.7	25.7	65.7	





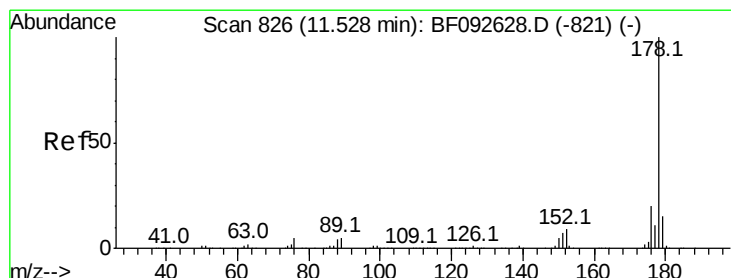
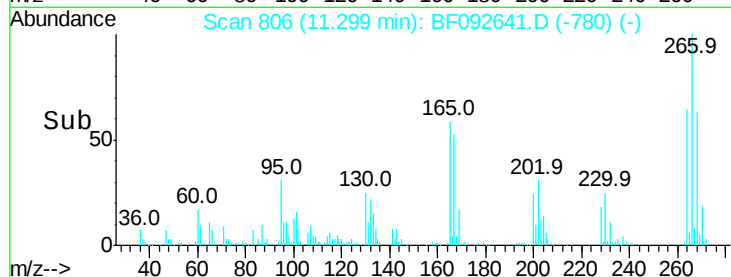
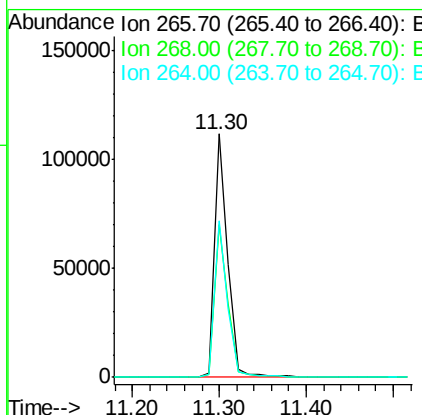
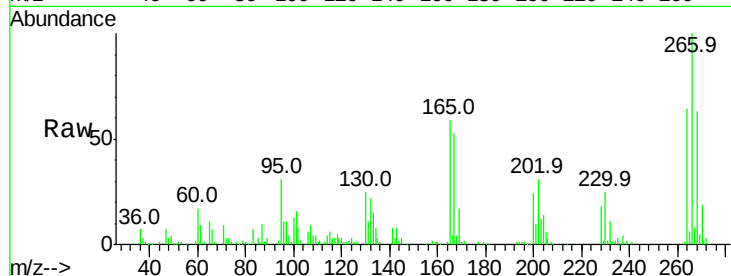
#69
 Pentachlorophenol
 Concen: 41.68 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	119971		
268	62.5	53.3	79.9	
264	64.1	50.3	75.5	

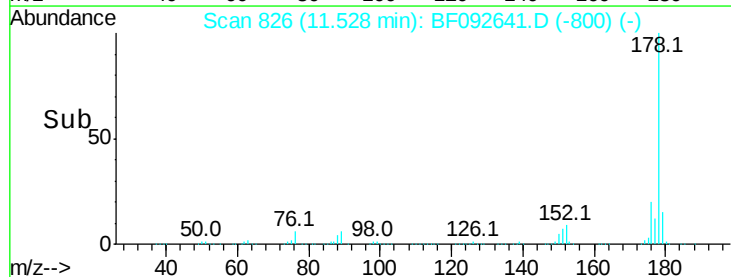
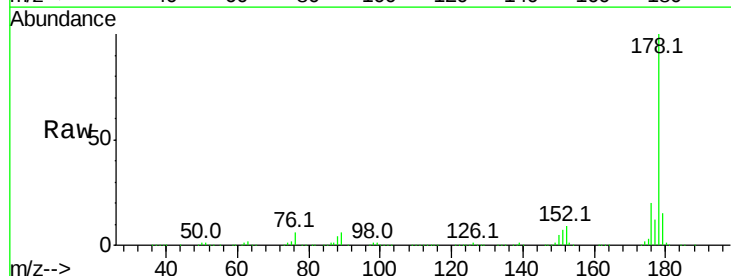
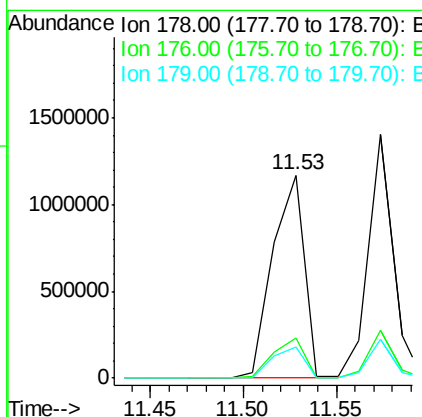
Manual Integrations
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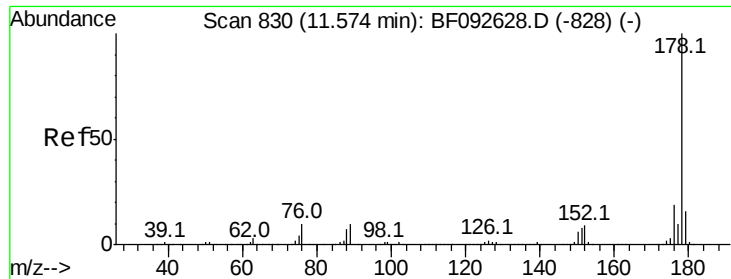
mohammad
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#70
 Phenanthrene
 Concen: 40.27 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1370740		
176	19.9	16.6	25.0	
179	15.4	12.8	19.2	





#71
 Anthracene
 Concen: 37.72 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

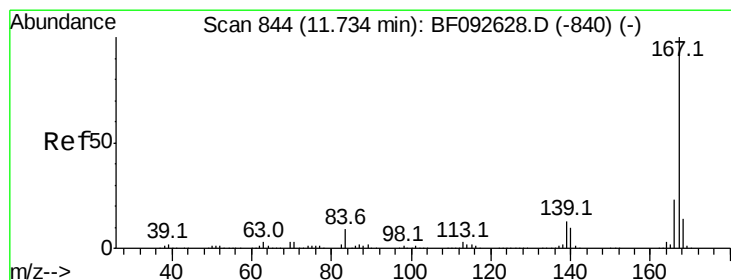
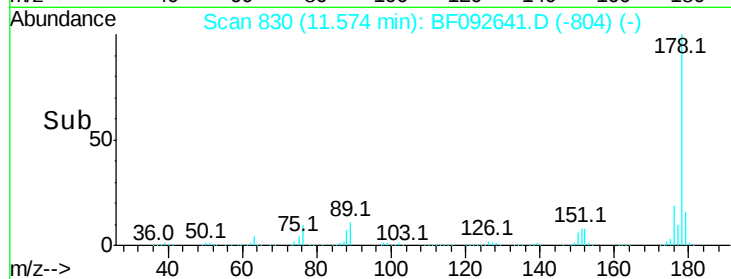
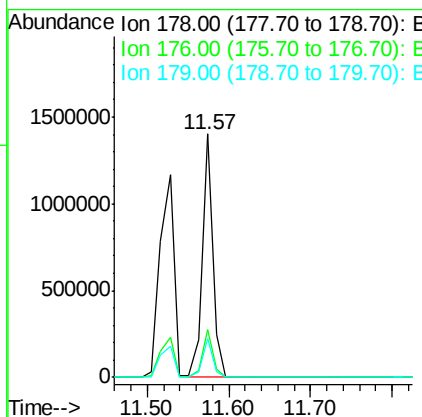
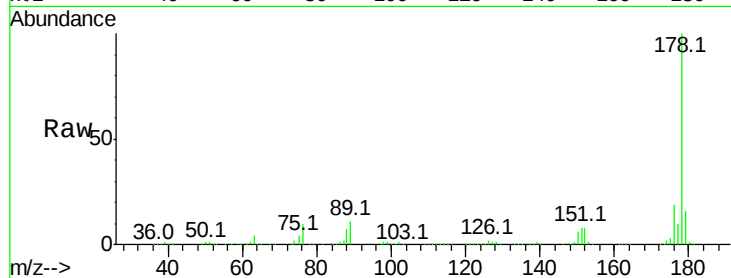
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1289172

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.0	13.2	19.8

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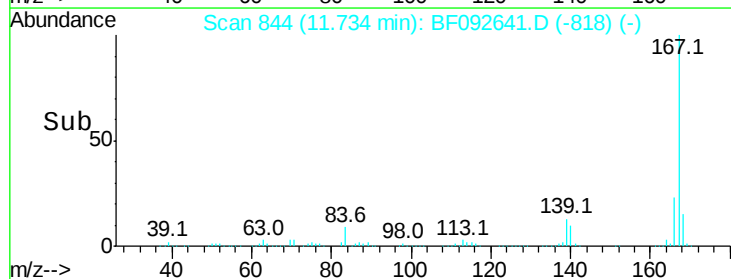
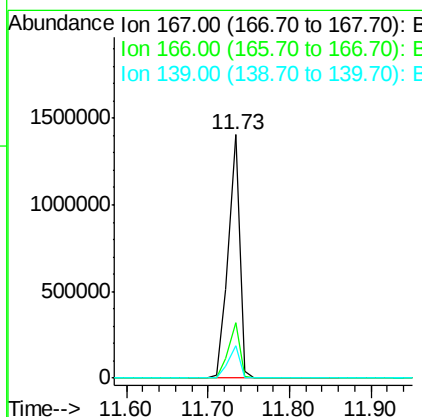
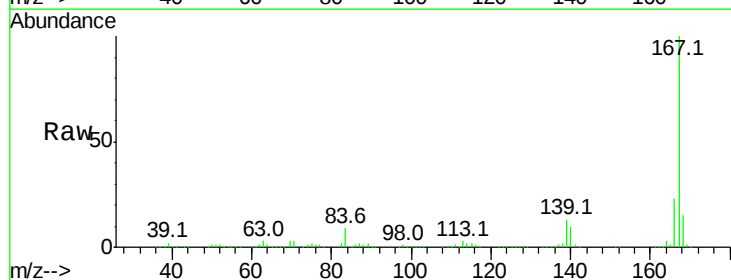
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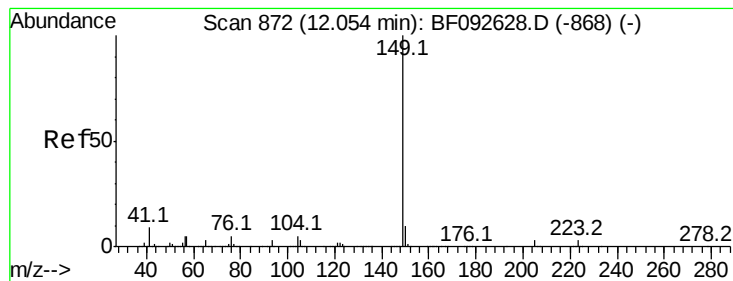


#72
 Carbazole
 Concen: 41.70 ng
 RT: 11.73 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion:167 Resp: 1362583

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.2
139	13.4	11.4	17.2





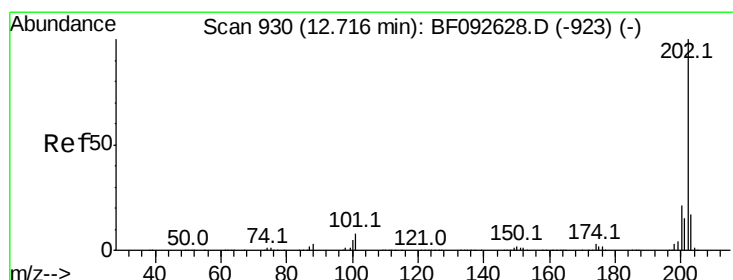
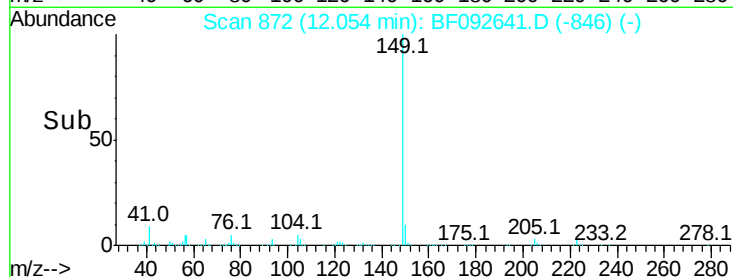
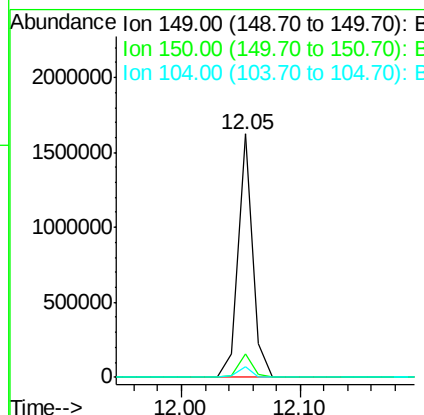
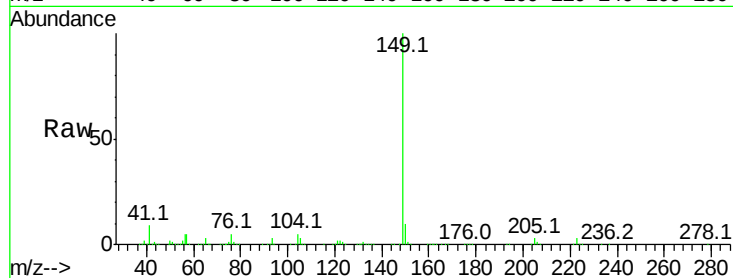
#73
Di-n-butylphthalate
Concen: 39.05 ng
RT: 12.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.5	4.6	7.0

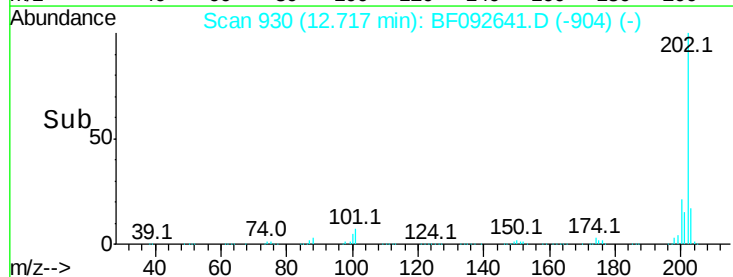
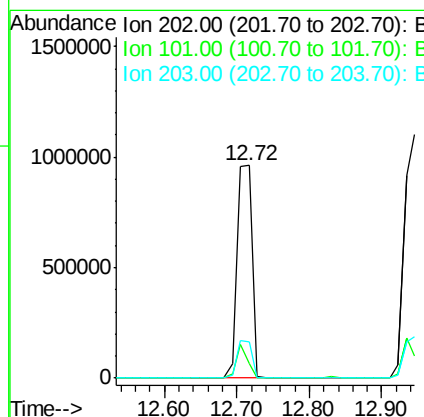
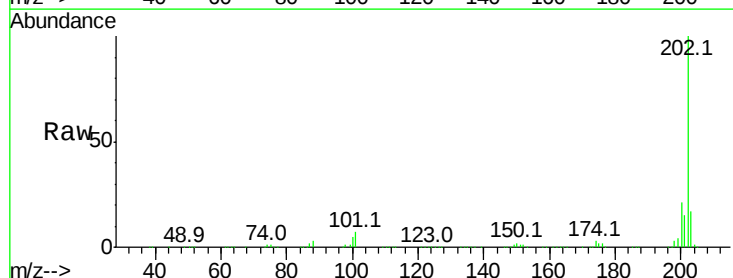
Manual Integrations
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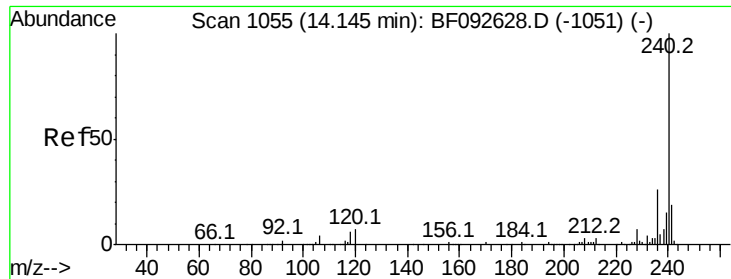
mohammad
1/31/2017 4:45:30 PM



#74
Fluoranthene
Concen: 39.24 ng
RT: 12.72 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	34.6
203	17.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

Instrument :

BNA_F

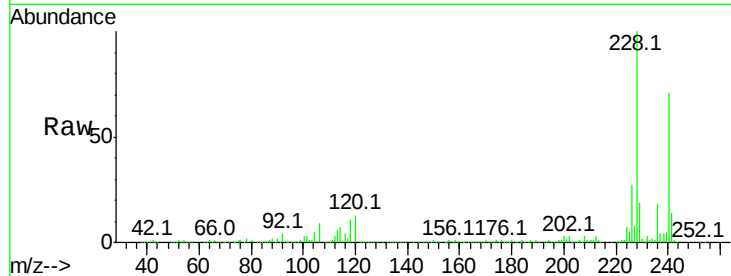
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	18.0	12.9	19.3
236	25.4	20.9	31.3

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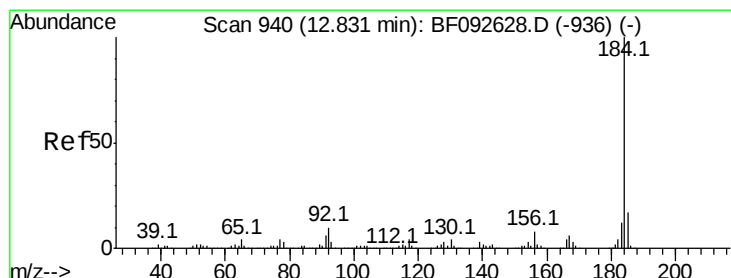
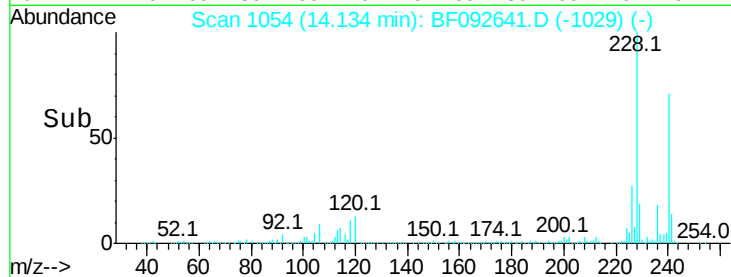
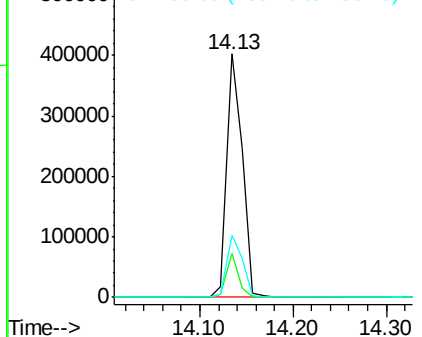
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.72 ng

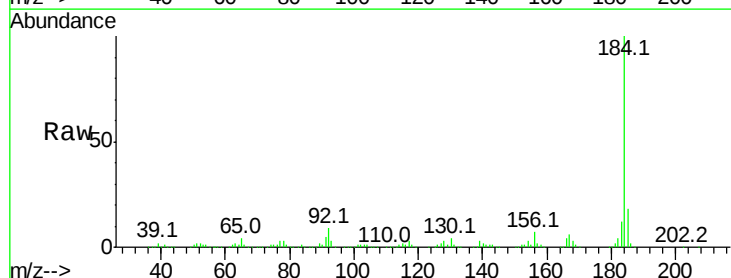
RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF092641.D

Acq: 30 Jan 2017 18:39

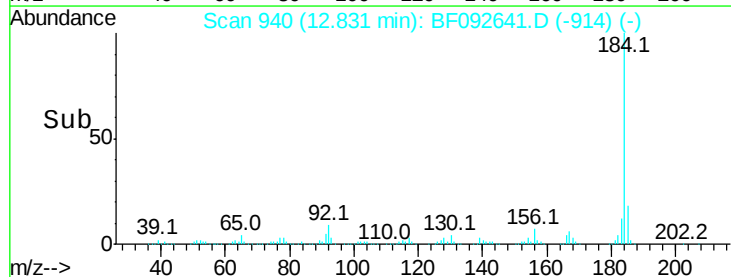
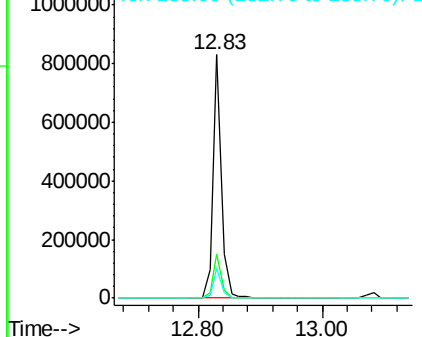
Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.3	13.4	20.0
183	12.4	9.2	13.8

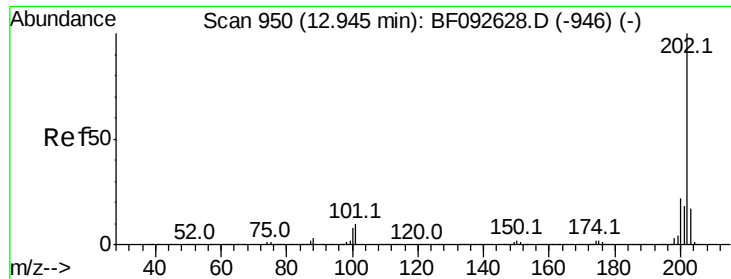


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





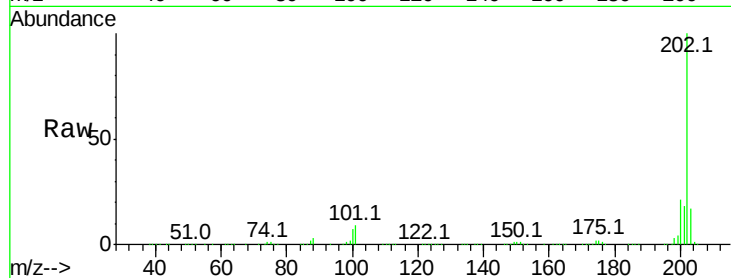
#77
 Pvrene
 Concen: 41.22 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

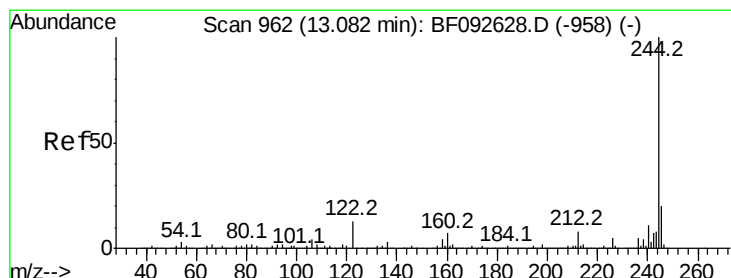
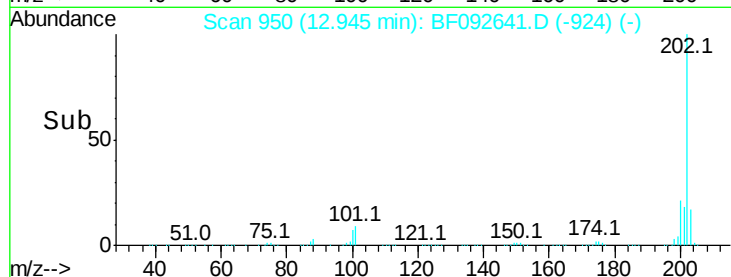
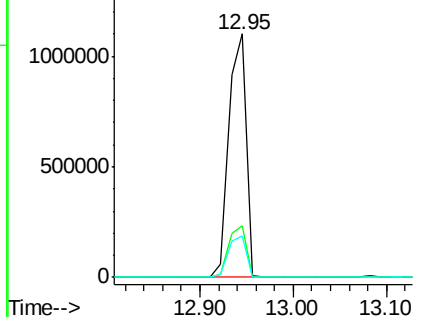
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.2	14.7	22.1

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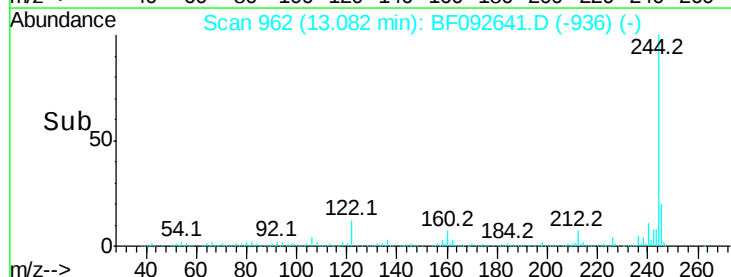
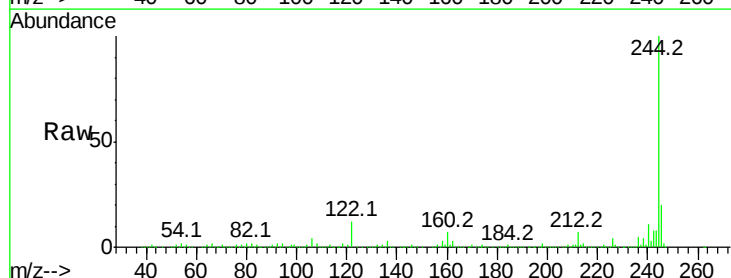
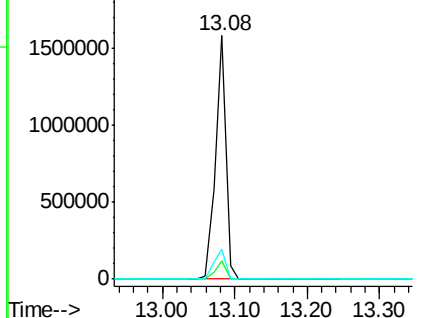
Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

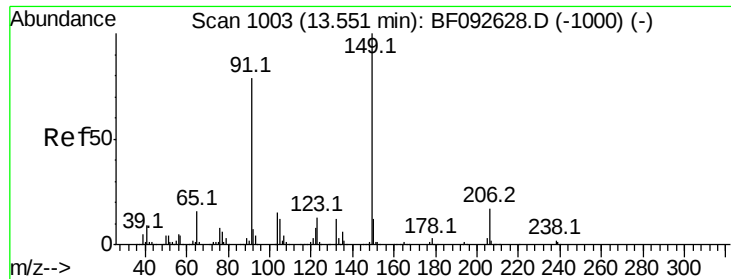


#78
 Terphenyl-d14
 Concen: 78.73 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	12.2	11.4	17.2

Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





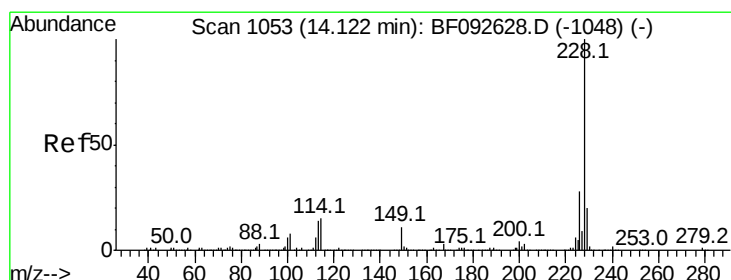
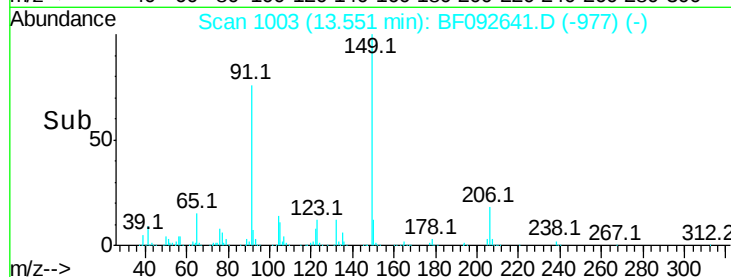
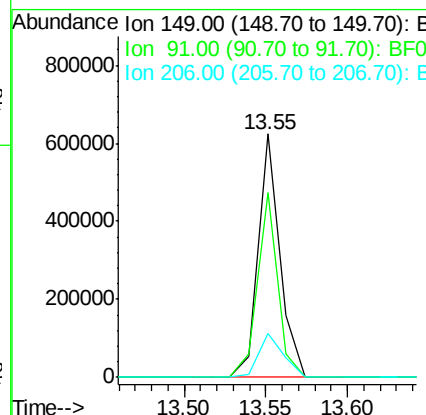
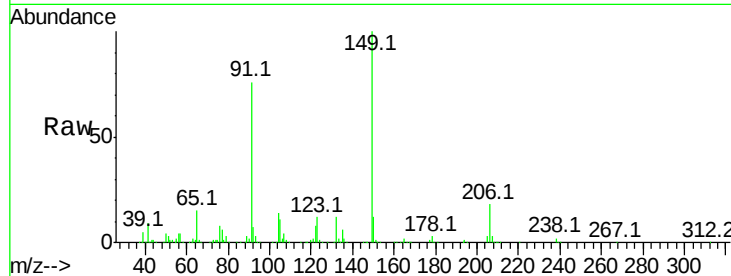
#79
Butylbenzylphthalate
Concen: 40.49 ng
RT: 13.55 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	63.9	95.9
206	18.1	14.6	21.8

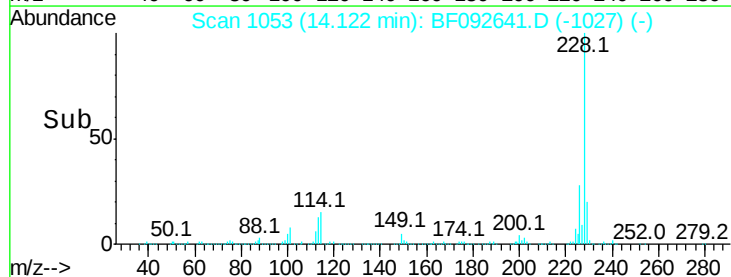
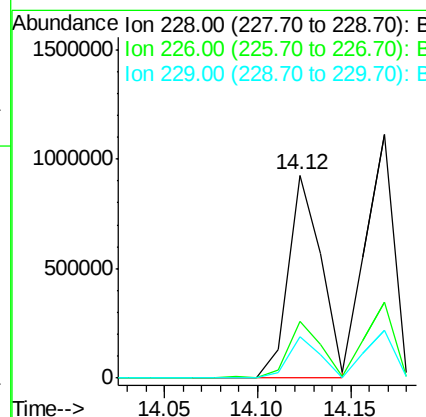
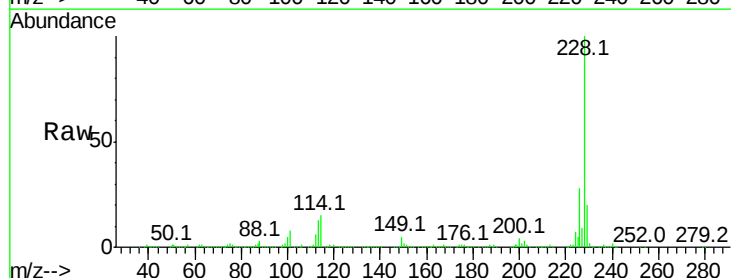
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#80
Benzo(a)anthracene
Concen: 39.85 ng
RT: 14.12 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.2	16.2	24.4





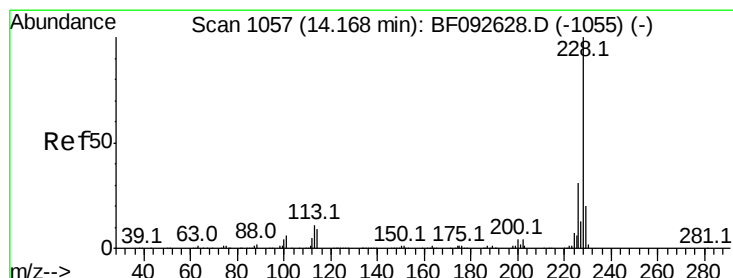
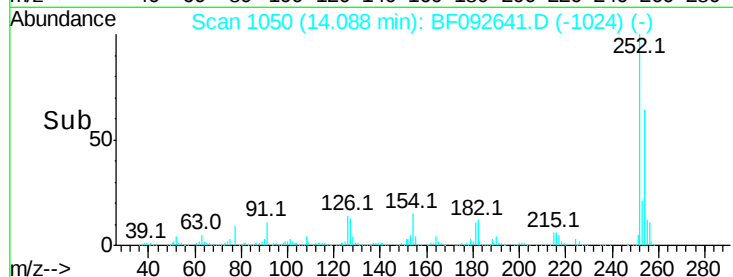
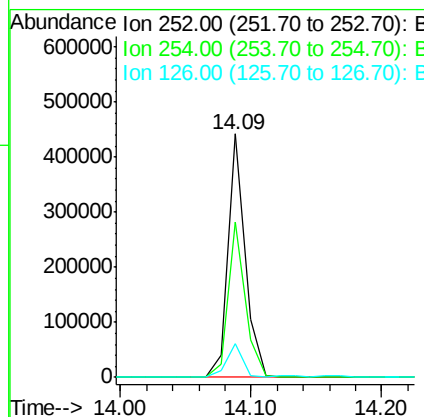
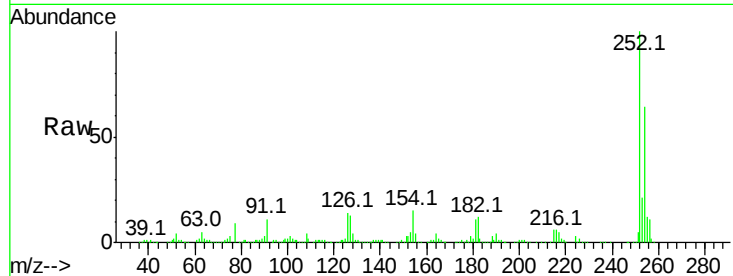
#81
 3,3'-Dichlorobenzidine
 Concen: 40.05 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.3	78.5
126	13.7	13.6	20.4

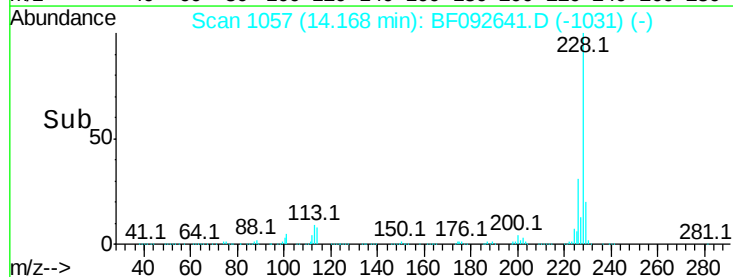
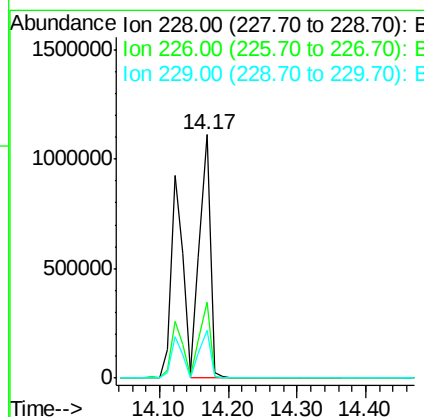
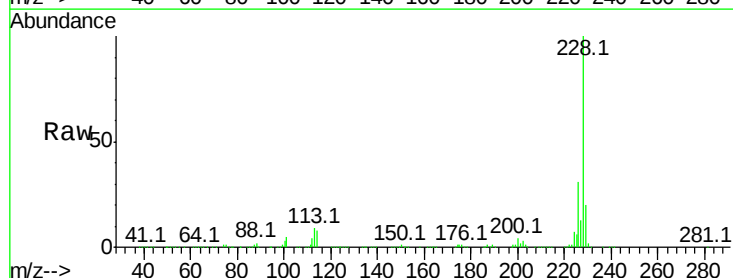
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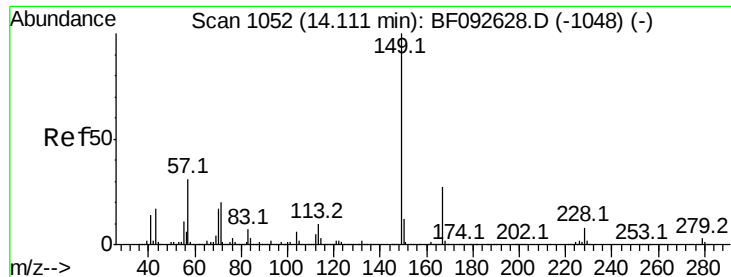
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#82
 Chrysene
 Concen: 44.03 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	19.8	16.2	24.2





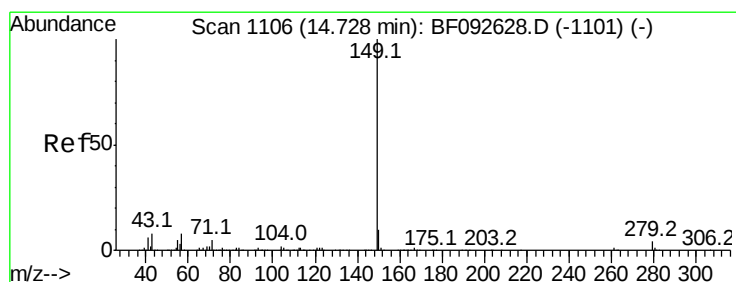
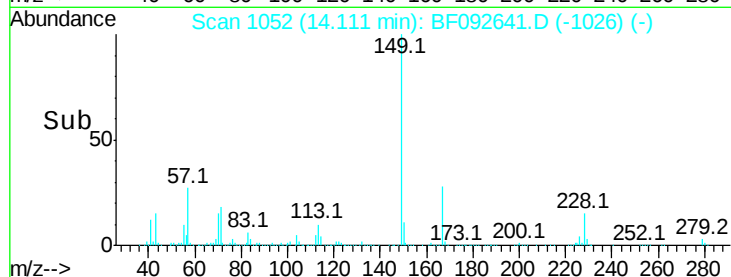
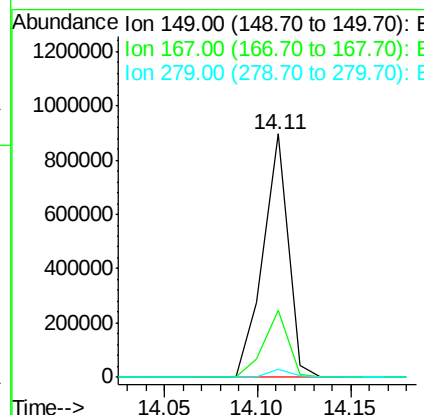
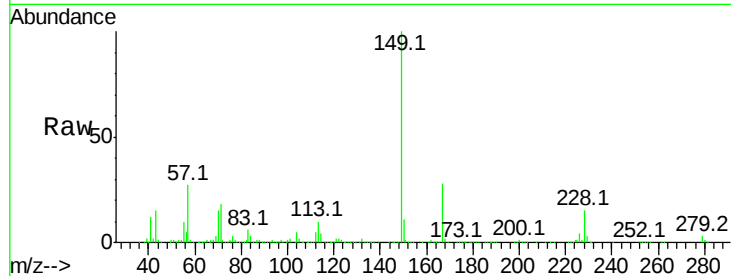
#83
Bis(2-ethylhexyl)phthalate
Concen: 43.26 ng
RT: 14.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	837919		
167	27.7	20.2	30.4	
279	3.5	1.8	2.8#	

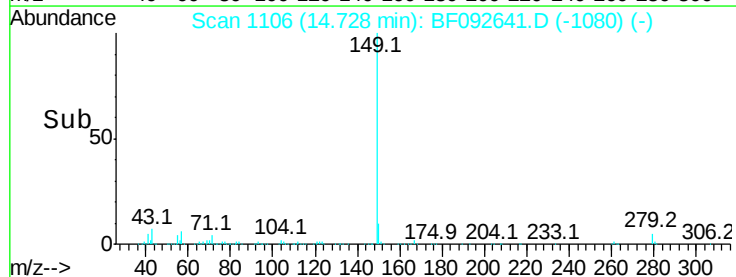
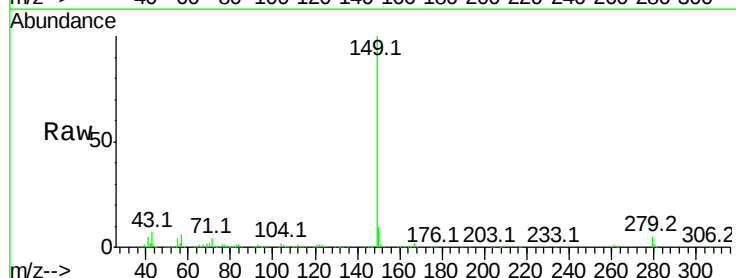
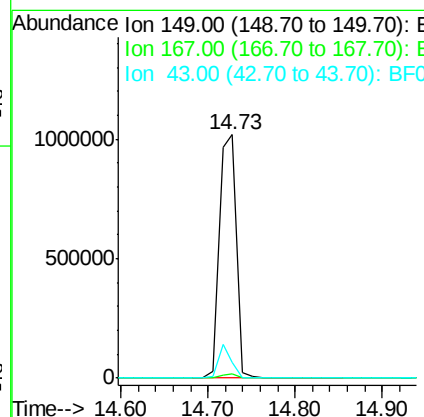
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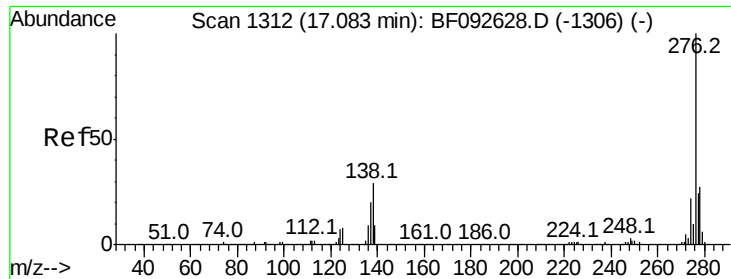
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#84
Di-n-octyl phthalate
Concen: 44.57 ng
RT: 14.73 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1405889		
167	1.5	1.3	1.9	
43	10.6	8.9	13.3	





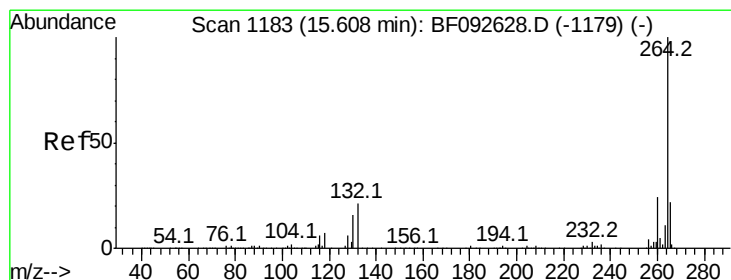
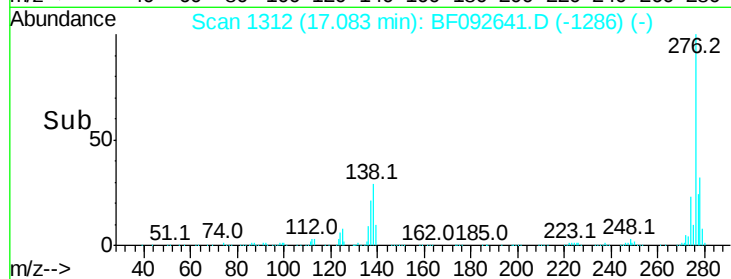
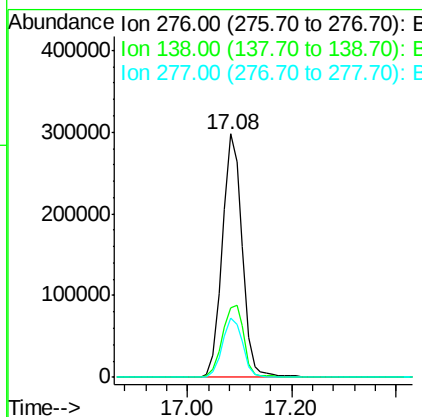
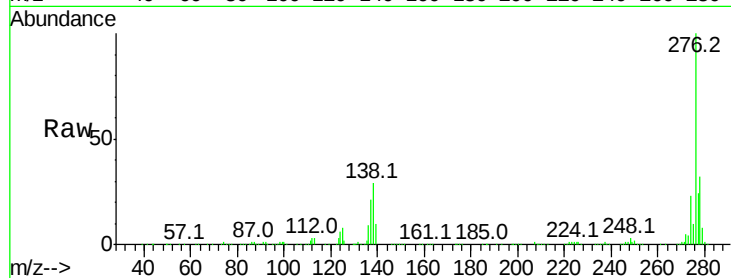
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.21 ng
RT: 17.08 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.8	32.6
277	24.9	20.2	30.4

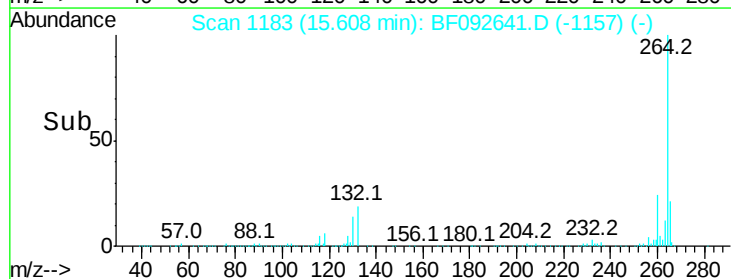
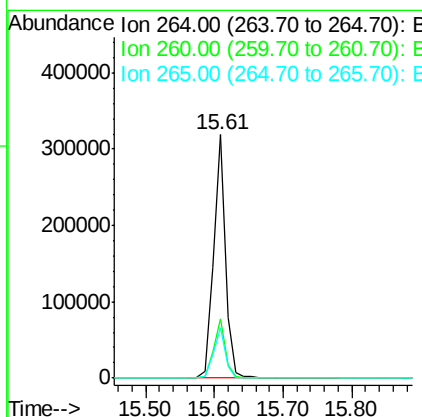
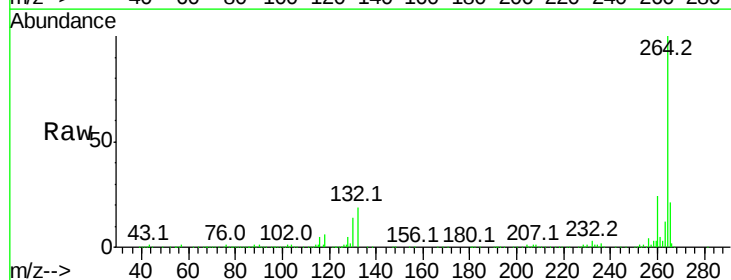
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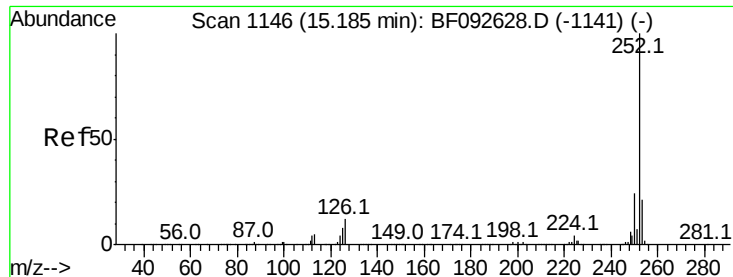
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.8	17.4	26.0





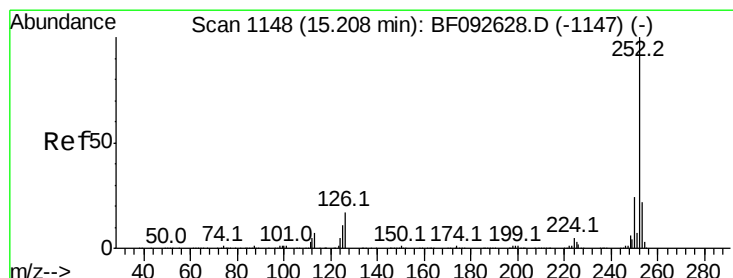
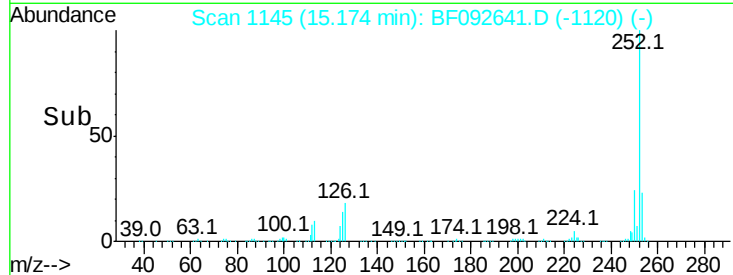
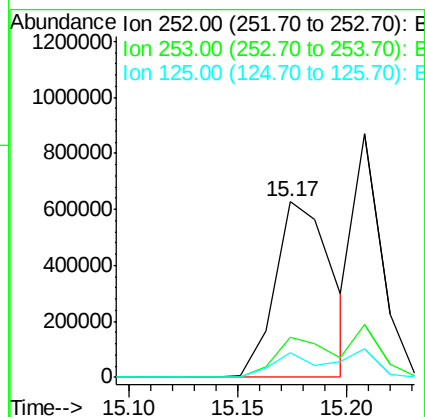
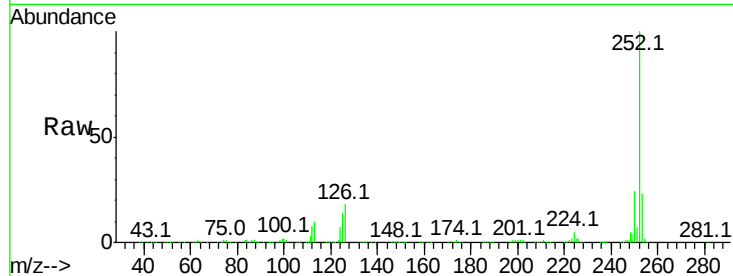
#87
Benzo(b)fluoranthene
Concen: 44.56 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.0	9.8	14.6

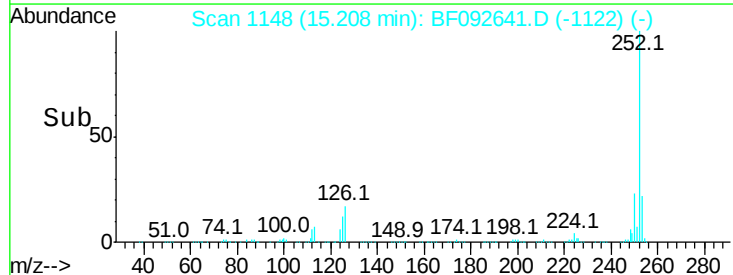
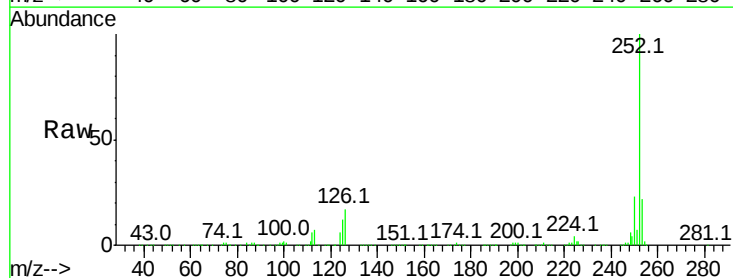
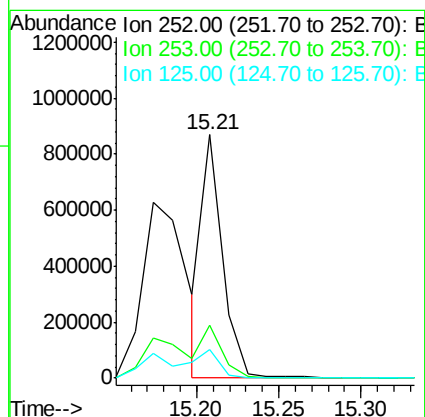
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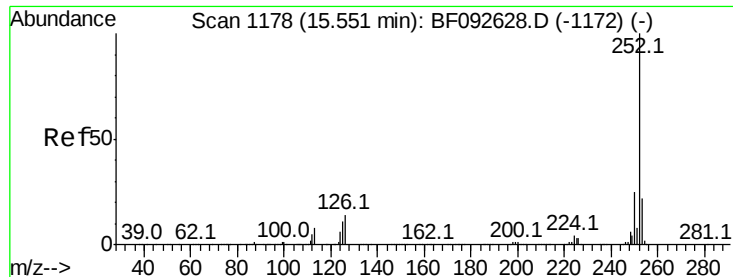
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#88
Benzo(k)fluoranthene
Concen: 35.21 ng m
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	11.8	8.9	13.3





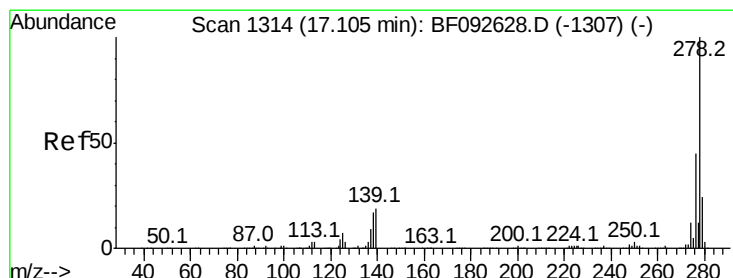
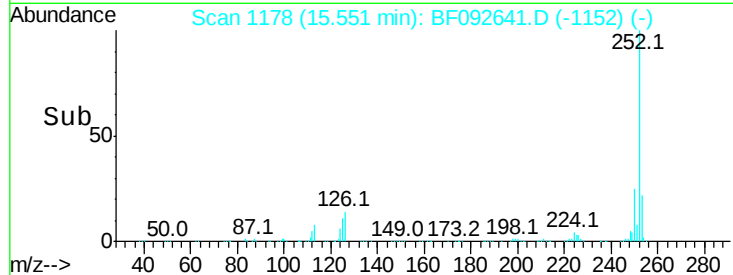
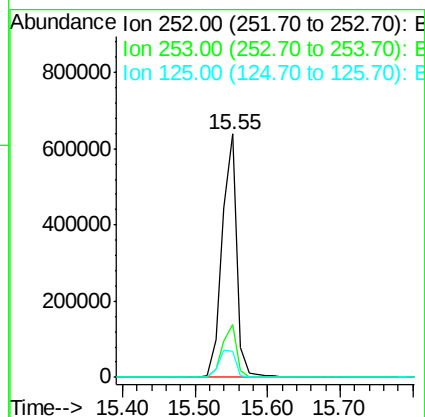
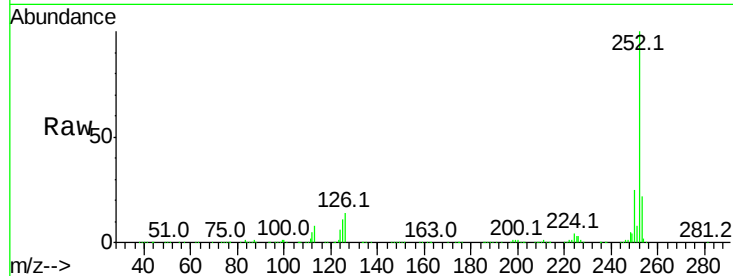
#89
Benzo(a)pyrene
Concen: 40.16 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	10.8	10.0	15.0

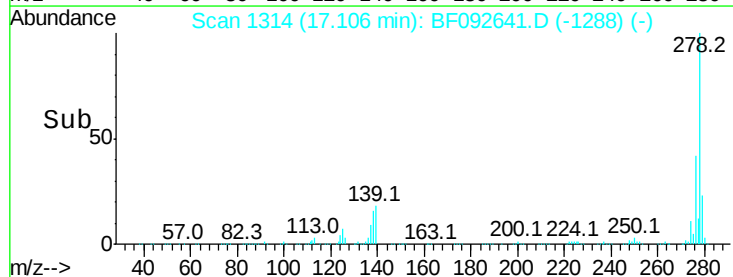
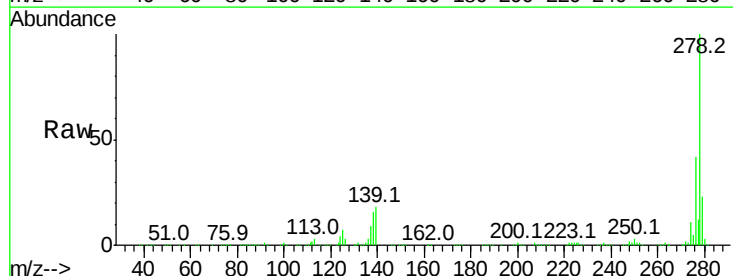
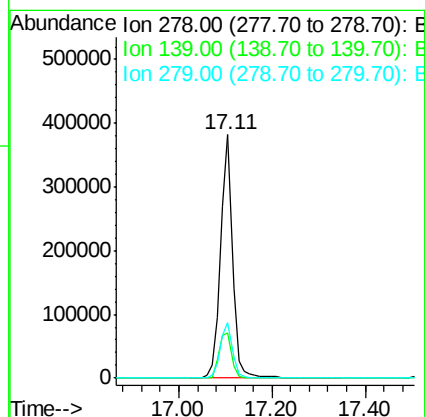
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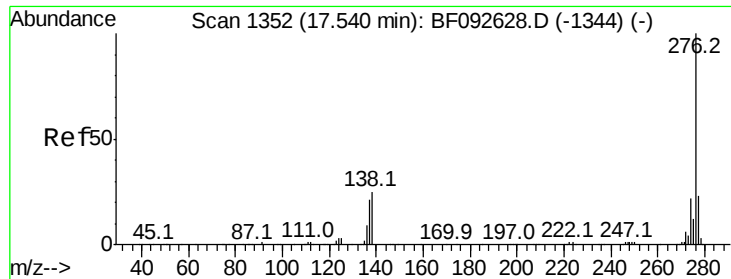
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#90
Dibenzo(a,h)anthracene
Concen: 37.63 ng
RT: 17.11 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF092641.D
Acq: 30 Jan 2017 18:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.8	22.2
279	23.0	19.8	29.6





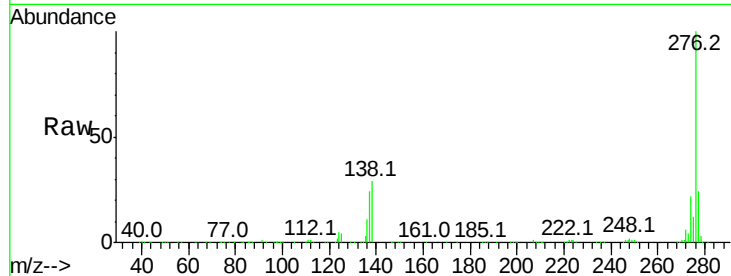
#91
 Benzo(a,h,i)perylene
 Concen: 37.13 ng
 RT: 17.53 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF092641.D
 Acq: 30 Jan 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	29.2	16.0	24.0

Manual Integrations
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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

