

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092285.D
 Acq On : 16 Jan 2017 15:18
 Operator : UM/SJ
 Sample : PB96012BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Manual Integrations
 APPROVED

mohammad
 1/17/2017 4:57:59 PM

Quant Time: Jan 17 00:59:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	239725	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	1095531	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	608474	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	1014296	20.00	ng	0.00
75) Chrysene-d12	13.71	240	649898	20.00	ng	0.00
86) Perylene-d12	15.06	264	772089	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	2035559	141.78	ng	0.02
7) Phenol-d6	6.24	99	2490081	142.06	ng	0.01
23) Nitrobenzene-d5	7.15	82	1637427	83.11	ng	0.01
41) 2,4,6-Tribromophenol	10.39	330	594100	117.98	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2659710	90.38	ng	0.00
78) Terphenyl-d14	12.67	244	2628496	98.09	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.08	88	275619	38.99	ng	97
3) Pyridine	2.69	79	797111	32.31	ng	98
4) n-Nitrosodimethylamine	2.67	42	363296	39.04	ng	98
6) Aniline	6.23	93	574544	25.24	ng	# 60
8) 2-Chlorophenol	6.36	128	755012	46.23	ng	92
9) Benzaldehyde	6.11	77	31771	2.20	ng	85
10) Phenol	6.26	94	1015976	50.86	ng	# 65
11) bis(2-Chloroethyl)ether	6.31	93	713180	44.87	ng	99
12) 1,3-Dichlorobenzene	6.50	146	735487	42.19	ng	# 89
13) 1,4-Dichlorobenzene	6.58	146	726828	40.96	ng	99
14) 1,2-Dichlorobenzene	6.74	146	658034	42.74	ng	99
15) Benzyl Alcohol	6.74	79	626266	45.98	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1024624	43.29	ng	# 34
17) 2-Methylphenol	6.86	107	625332	47.61	ng	# 91
18) Hexachloroethane	7.07	117	280957	42.71	ng	# 85
19) n-Nitroso-di-n-propylamine	7.00	70	539615	46.27	ng	99
20) 3+4-Methylphenols	7.02	107	864050	55.16	ng	# 72
22) Acetophenone	6.99	105	1109113	41.05	ng	# 93
24) Nitrobenzene	7.16	77	769530	36.67	ng	96
25) Isophorone	7.41	82	1590171	43.75	ng	99
26) 2-Nitrophenol	7.48	139	452857	43.76	ng	91
27) 2,4-Dimethylphenol	7.54	122	690018	40.20	ng	98
28) bis(2-Chloroethoxy)methane	7.62	93	1023284	46.42	ng	99
29) 2,4-Dichlorophenol	7.73	162	667147	45.90	ng	90
30) 1,2,4-Trichlorobenzene	7.80	180	660923	41.50	ng	96
31) Naphthalene	7.88	128	2315670	46.18	ng	99
32) Benzoic acid	7.72	122	538709	42.32	ng	98
33) 4-Chloroaniline	7.94	127	391507	17.32	ng	98
34) Hexachlorobutadiene	7.99	225	348678	41.48	ng	99
35) Caprolactam	8.32	113	233556m	48.90	ng	
36) 4-Chloro-3-methylphenol	8.45	107	724276	43.31	ng	97
37) 2-Methylnaphthalene	8.56	142	1357012	44.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	620575	40.37	ng	99
40) Hexachlorocyclopentadiene	8.72	237	508135	74.51	ng	99

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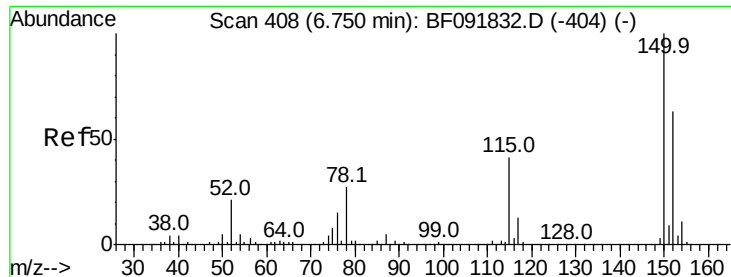
Manual Integrations
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 1/17/2017 4:57:59 PM

Quant Time: Jan 17 00:59:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	423643	39.40	nq	98
43) 2,4,5-Trichlorophenol	8.91	196	394653	35.67	nq	95
45) 1,1'-Biphenyl	9.03	154	1791887	43.01	nq	98
46) 2-Chloronaphthalene	9.06	162	1395667	42.30	nq	99
47) 2-Nitroaniline	9.16	65	424667	36.15	nq	100
48) Acenaphthylene	9.47	152	2123916	41.86	nq	99
49) Dimethylphthalate	9.35	163	1762215	45.28	nq	99
50) 2,6-Dinitrotoluene	9.41	165	407959	47.89	nq	94
51) Acenaphthene	9.64	154	1432871	41.65	nq	100
52) 3-Nitroaniline	9.57	138	227125	21.55	nq	98
53) 2,4-Dinitrophenol	9.70	184	458207	96.68	nq	# 81
54) Dibenzofuran	9.81	168	2016600	43.41	nq	97
55) 4-Nitrophenol	9.78	139	556992m	77.82	nq	
56) 2,4-Dinitrotoluene	9.81	165	453192	42.39	nq	# 63
57) Fluorene	10.15	166	1593761	47.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	419103	47.89	nq	95
59) Diethylphthalate	10.04	149	1701480	45.02	nq	100
60) 4-Chlorophenyl-phenylether	10.14	204	606990	41.01	nq	97
61) 4-Nitroaniline	10.20	138	495770	45.38	nq	85
62) Azobenzene	10.30	77	1828675	43.95	nq	97
64) 4,6-Dinitro-2-methylphenol	10.23	198	305750	49.85	nq	91
65) n-Nitrosodiphenylamine	10.27	169	1322119	43.93	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	488220	46.27	nq	# 84
67) Hexachlorobenzene	10.69	284	471515	41.81	nq	# 80
68) Atrazine	10.80	200	392370	40.41	nq	98
69) Pentachlorophenol	10.90	266	424627	76.73	nq	99
70) Phenanthrene	11.10	178	2134015	38.80	nq	99
71) Anthracene	11.16	178	2455043	54.04	nq	99
72) Carbazole	11.32	167	2280953	57.47	nq	99
73) Di-n-butylphthalate	11.65	149	2472380	47.69	nq	100
74) Fluoranthene	12.28	202	2133503	44.14	nq	99
76) Benzidine	12.42	184	861423	54.66	nq	96
77) Pyrene	12.51	202	2196201	46.06	nq	99
79) Butylbenzylphthalate	13.14	149	1063968	49.06	nq	97
80) Benzo(a)anthracene	13.70	228	1816699	49.52	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	444815	31.98	nq	98
82) Chrysene	13.73	228	1701646	46.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	1348587	52.80	nq	# 95
84) Di-n-octyl phthalate	14.31	149	2503972	52.93	nq	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	1669372	52.37	nq	98
87) Benzo(b)fluoranthene	14.70	252	2449302m	50.95	nq	
88) Benzo(k)fluoranthene	14.73	252	1277030m	31.15	nq	
89) Benzo(a)pyrene	15.01	252	1876778	43.99	nq	# 97
90) Dibenzo(a,h)anthracene	16.30	278	1371225	39.10	nq	# 96
91) Benzo(g,h,i)perylene	16.66	276	1422466	39.01	nq	# 95

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



#1

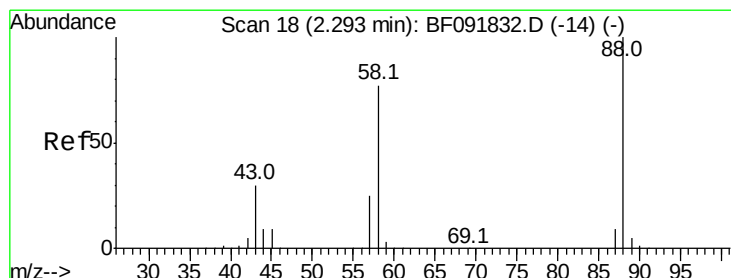
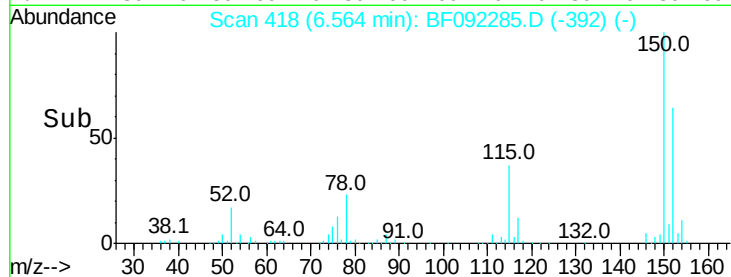
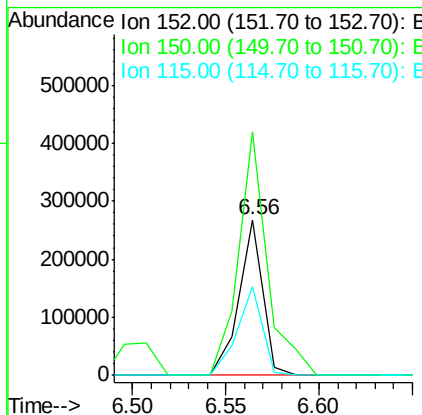
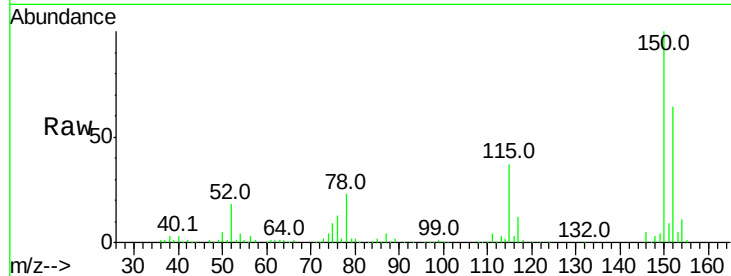
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampled :
PB96012BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.9	187.3
115	57.1	46.0	69.0

Manual Integrations
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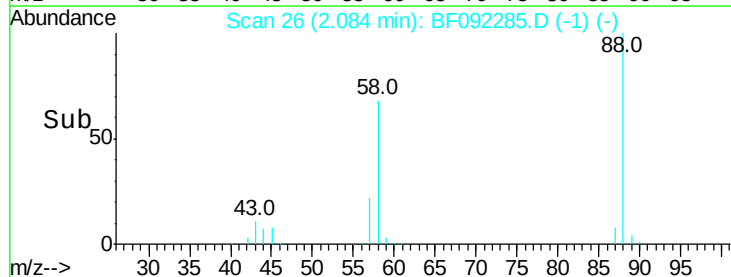
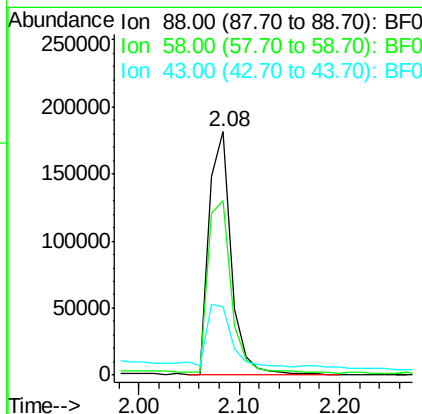
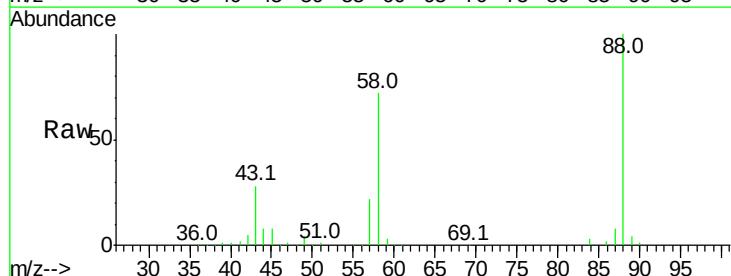
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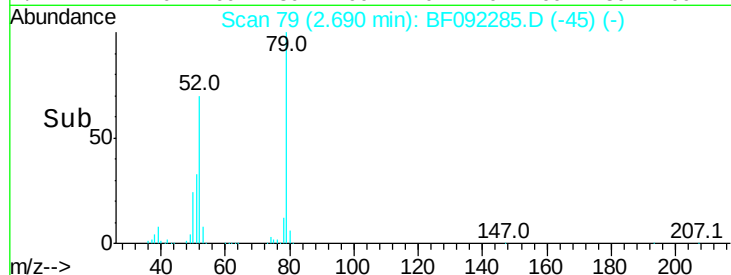
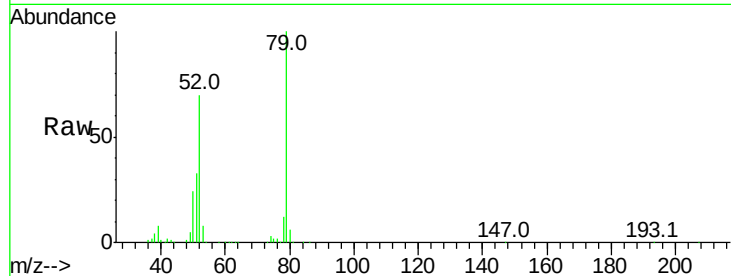
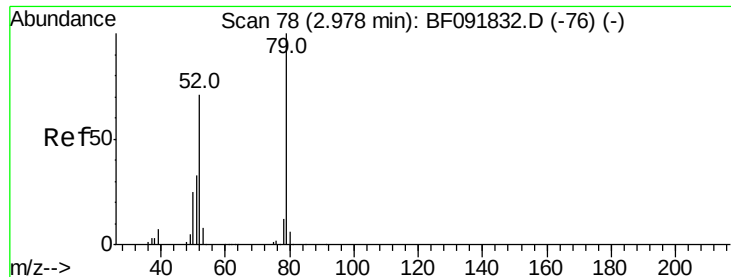


#2

1,4-Dioxane
Concen: 38.99 ng
RT: 2.08 min Scan# 26
Delta R.T. 0.10 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	57.8	86.8
43	28.3	22.3	33.5





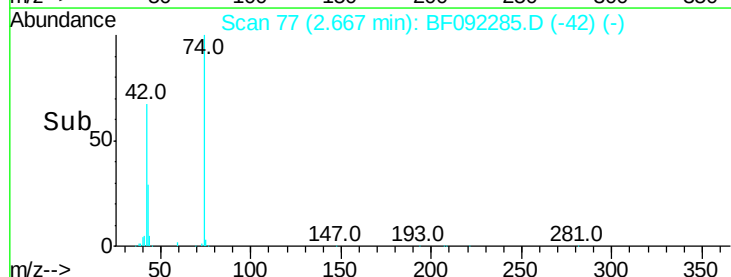
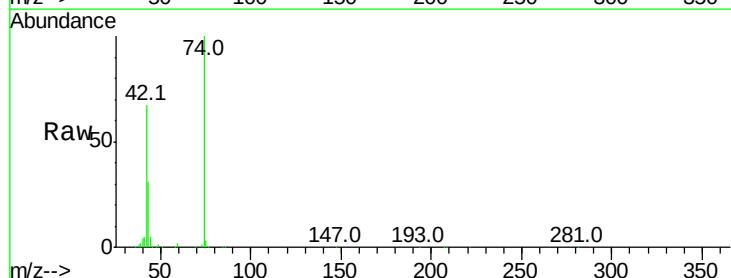
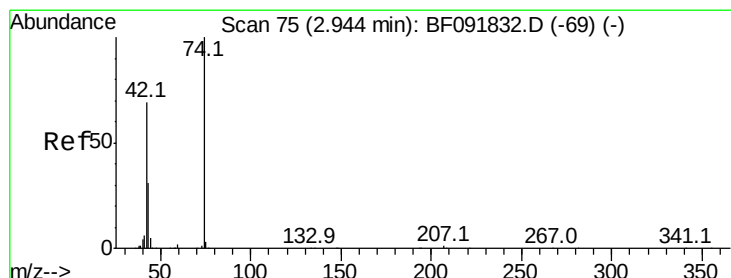
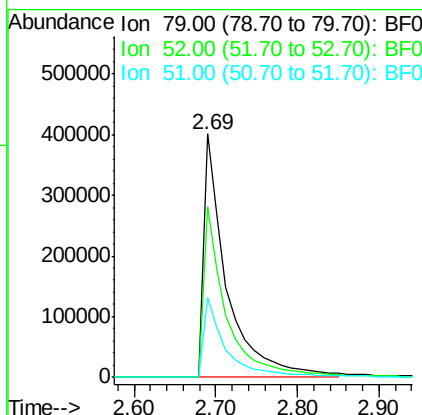
#3
 Pvridine
 Concen: 32.31 ng
 RT: 2.69 min Scan# 79
 Delta R.T. 0.09 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.9	57.1	85.7
51	32.9	27.3	40.9

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

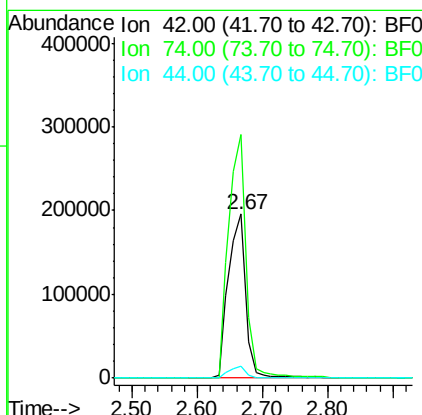
Manual Integrations
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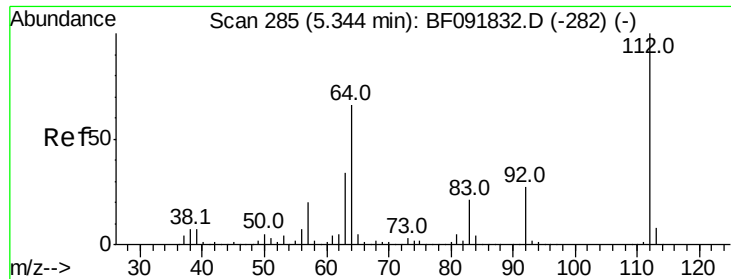
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#4
 n-Nitrosodimethylamine
 Concen: 39.04 ng
 RT: 2.67 min Scan# 77
 Delta R.T. 0.10 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.4	117.0	175.4
44	7.1	5.5	8.3





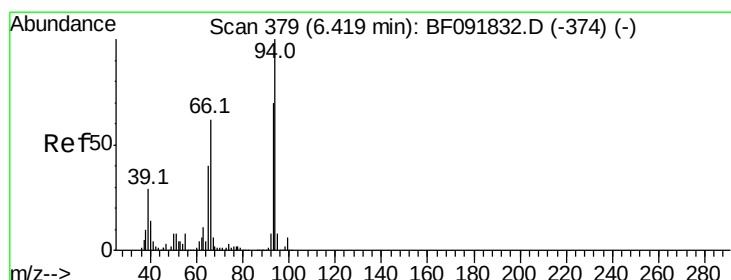
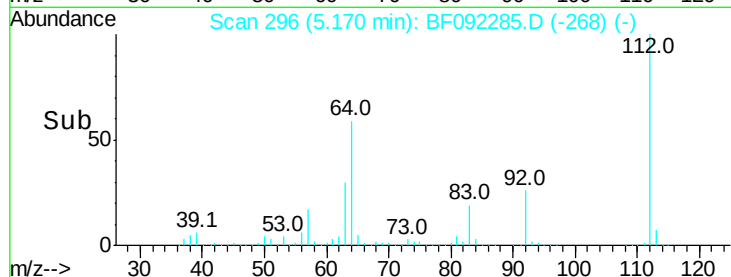
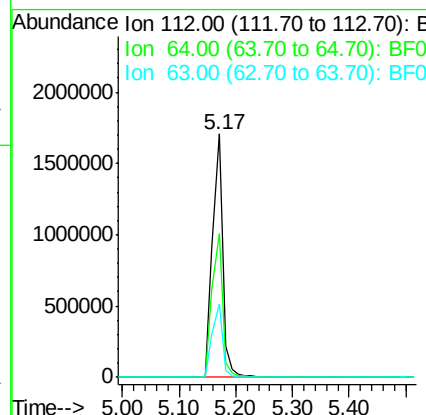
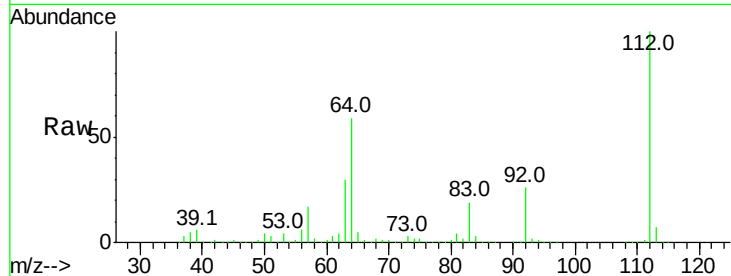
#5
 2-Fluorophenol
 Concen: 141.78 ng
 RT: 5.17 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion: 112 Resp: 2035559
 Ion Ratio Lower Upper
 112 100
 64 59.3 46.1 69.1
 63 30.0 23.8 35.6

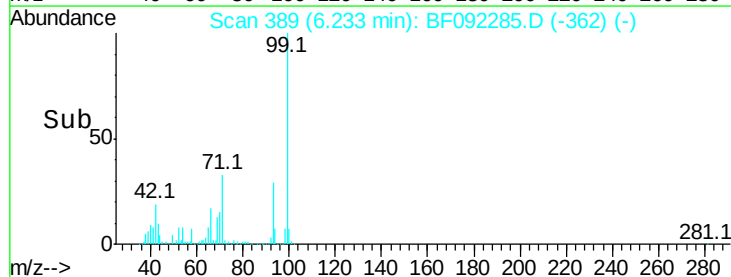
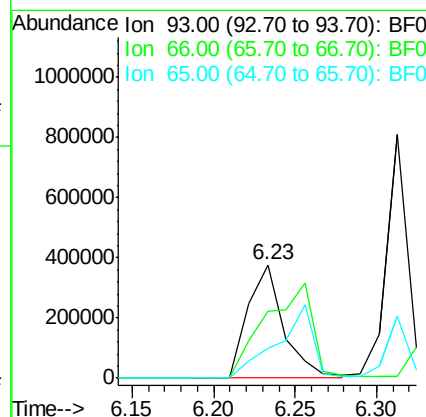
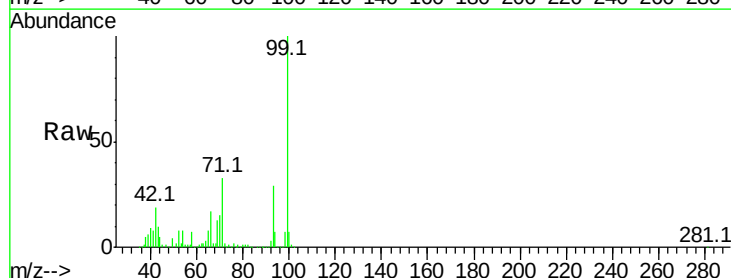
Manual Integrations
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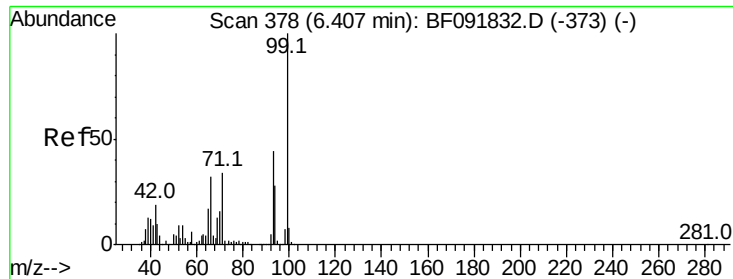
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#6
 Aniline
 Concen: 25.24 ng
 RT: 6.23 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion: 93 Resp: 574544
 Ion Ratio Lower Upper
 93 100
 66 59.6 76.2 114.2#
 65 26.8 49.3 73.9#





#7

Phenol-d6

Concen: 142.06 ng

RT: 6.24 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

Tot Ion: 99 Resp: 2490081

Ion Ratio Lower Upper

99 100

42 17.2 15.6 23.4

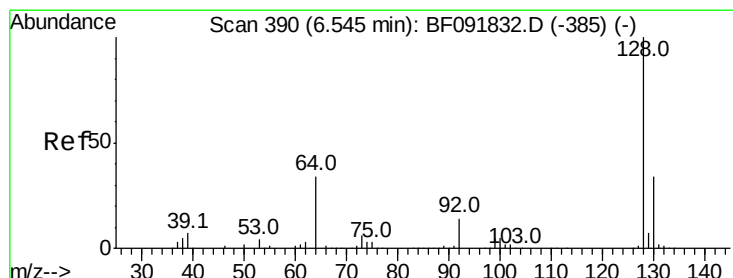
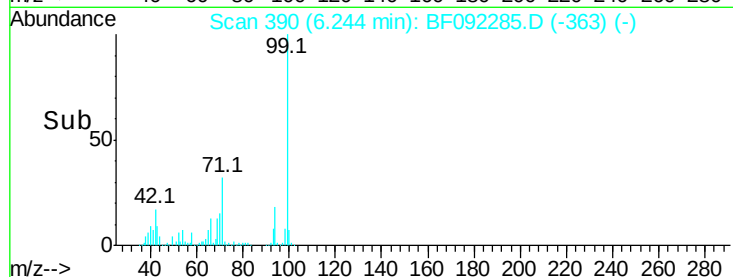
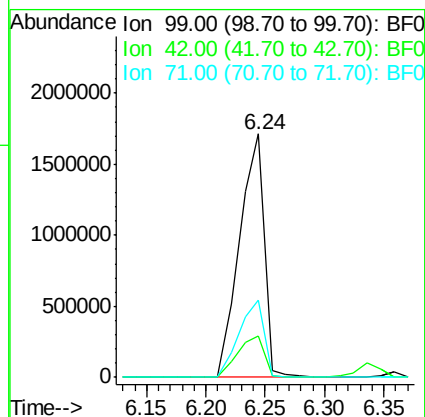
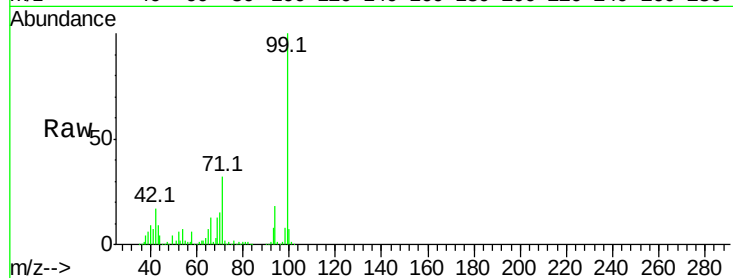
71 31.6 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 46.23 ng

RT: 6.36 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

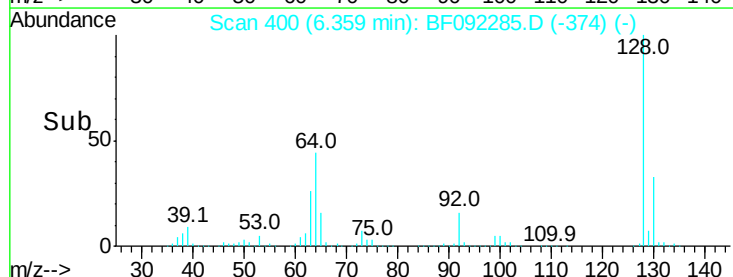
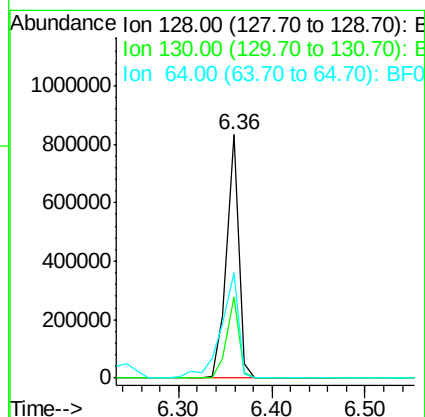
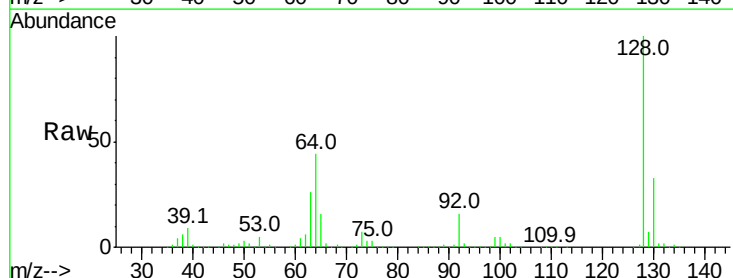
Tgt Ion: 128 Resp: 755012

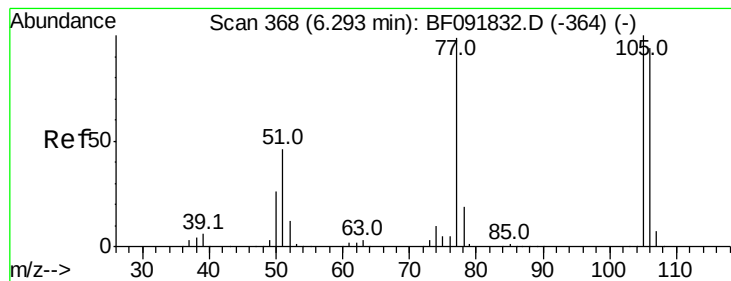
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 43.5 32.2 72.2





#9

Benzaldehyde

Concen: 2.20 ng

RT: 6.11 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

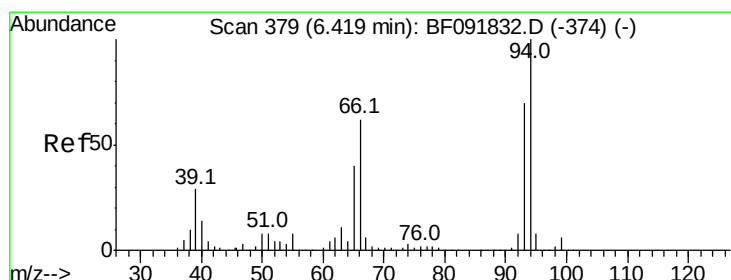
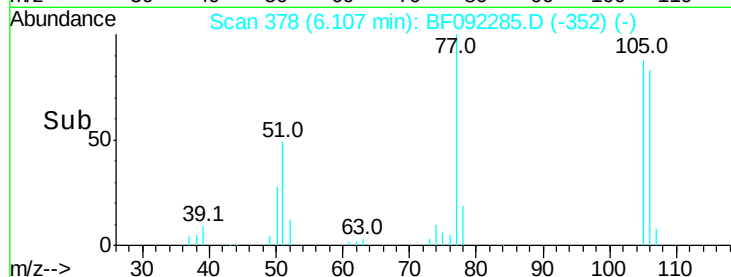
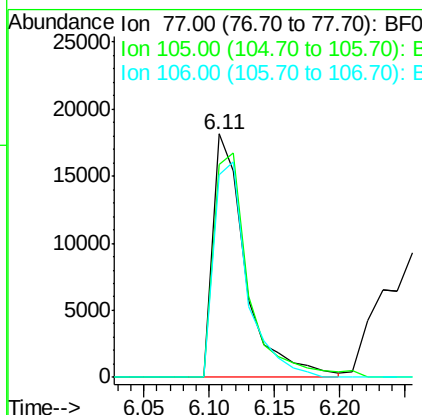
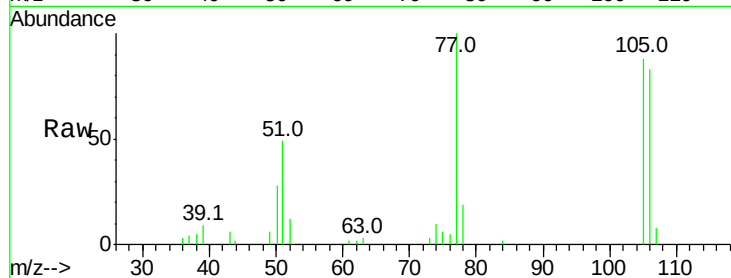
ClientSampled :

PB96012BS

Tot Ion:	77	Resp:	31771
Ion	Ratio	Lower	Upper
77	100		
105	87.6	83.9	123.9
106	83.0	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 50.86 ng

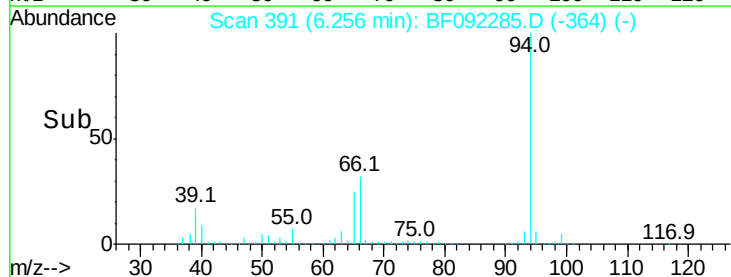
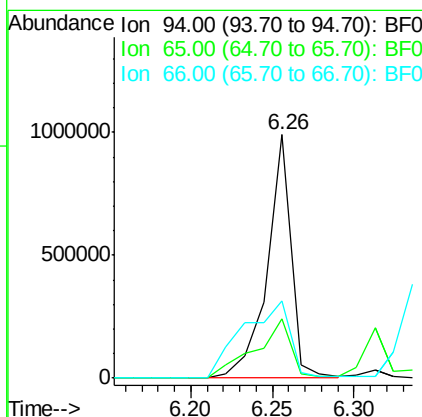
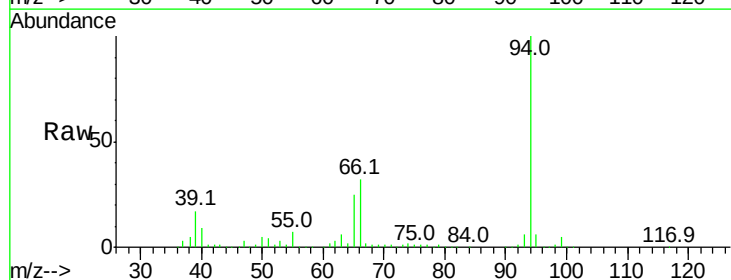
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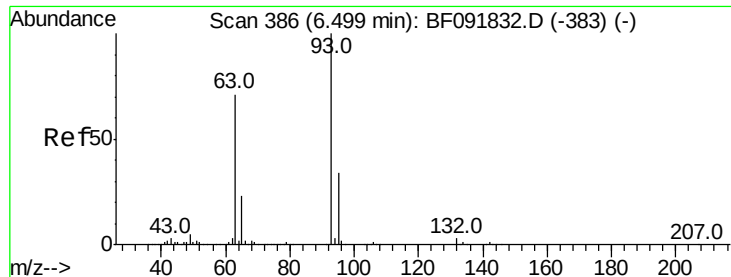
Delta R.T. 0.01 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Tgt Ion:	94	Resp:	1015976
Ion	Ratio	Lower	Upper
94	100		
65	24.6	21.4	61.4
66	31.9	44.0	84.0#





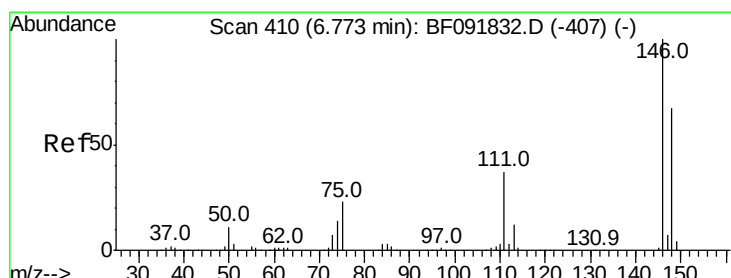
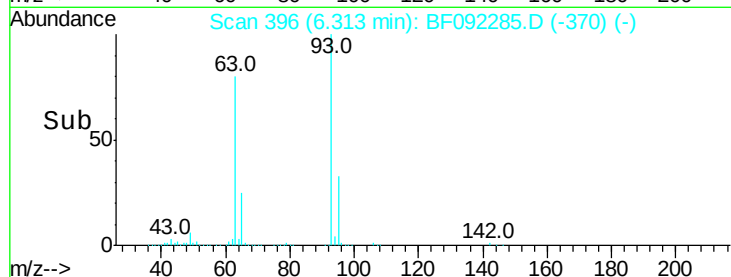
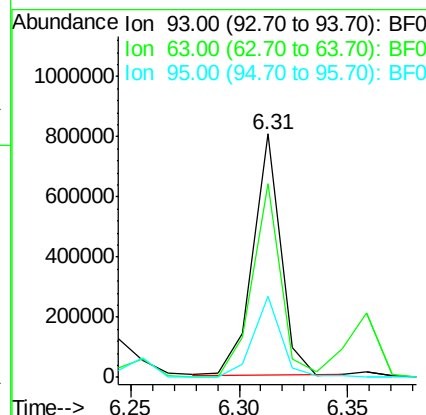
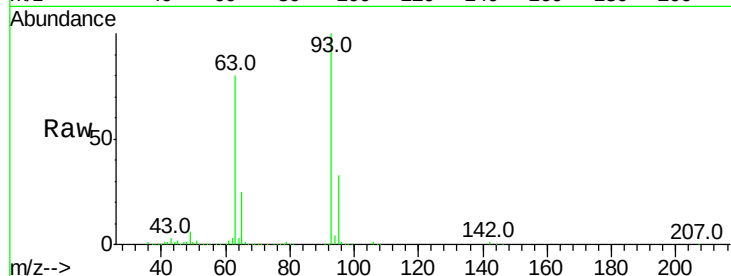
#11
bis(2-Chloroethyl)ether
Concen: 44.87 ng
RT: 6.31 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.5	60.4	100.4
95	33.2	12.8	52.8

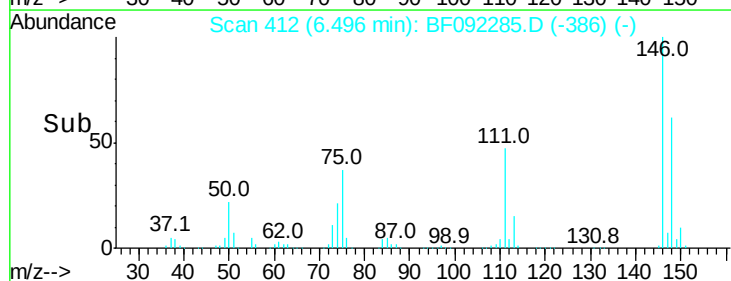
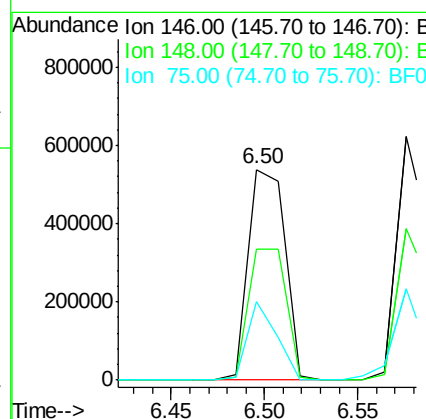
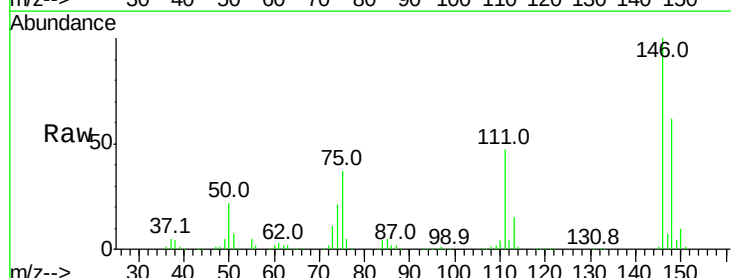
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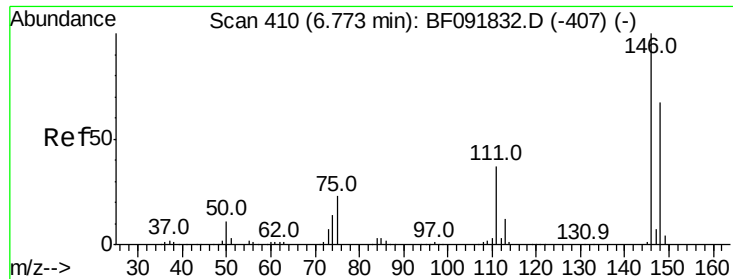
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#12
1,3-Dichlorobenzene
Concen: 42.19 ng
RT: 6.50 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	53.4	80.0
75	37.0	18.5	27.7





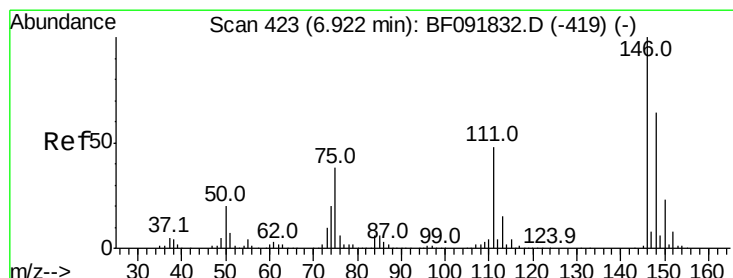
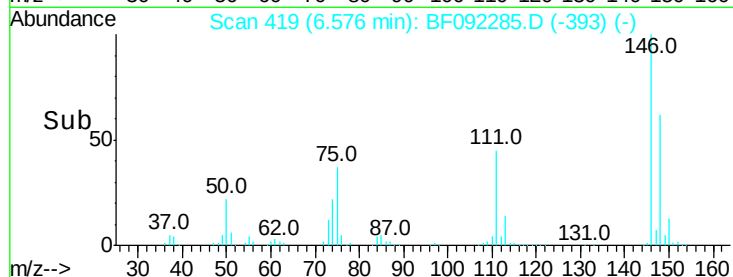
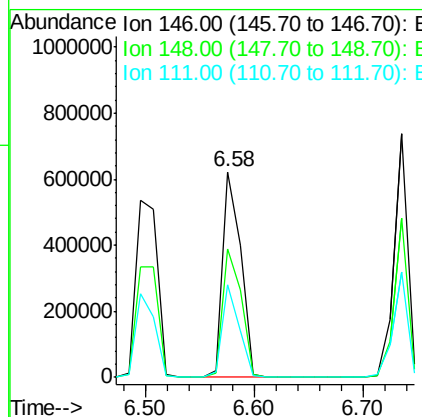
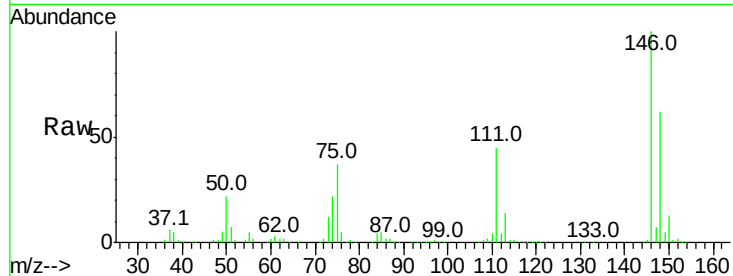
#13
 1,4-Dichlorobenzene
 Concen: 40.96 ng
 RT: 6.58 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	76.0
111	44.8	36.2	54.4

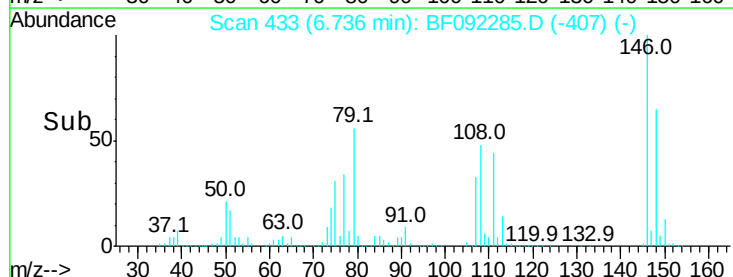
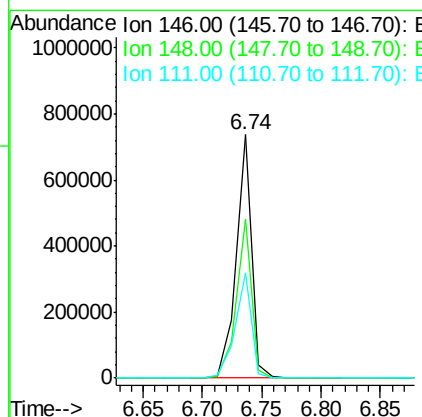
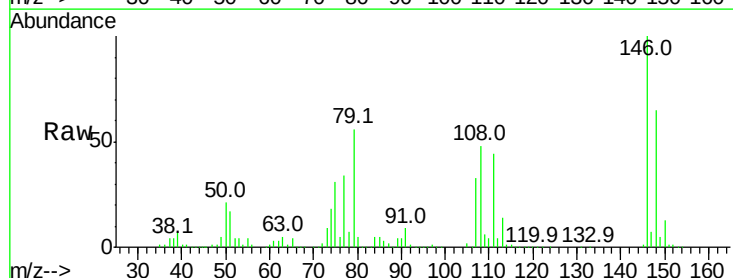
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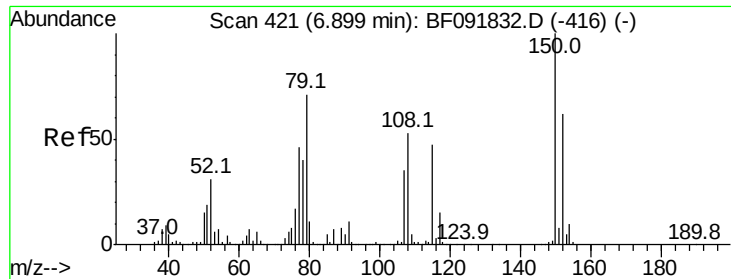
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#14
 1,2-Dichlorobenzene
 Concen: 42.74 ng
 RT: 6.74 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.2
111	43.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 45.98 ng

RT: 6.74 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

Tot Ion: 79 Resp: 626266

Ion Ratio Lower Upper

79 100

108 85.8 61.4 92.0

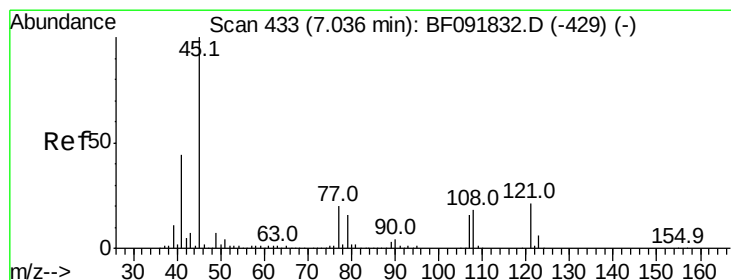
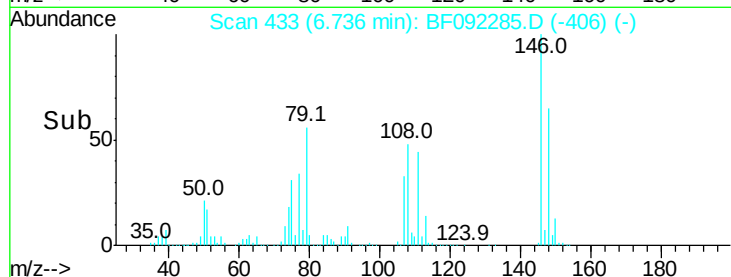
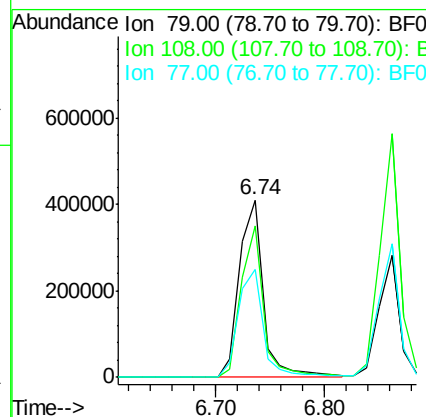
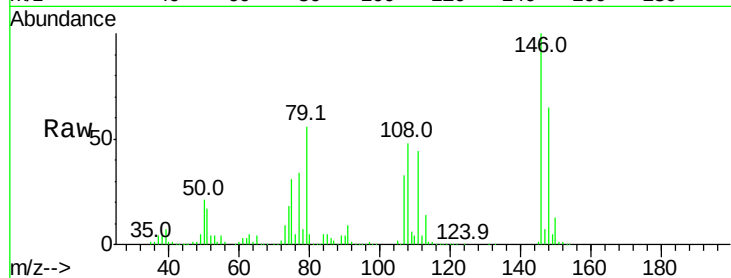
77 61.1 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.29 ng

RT: 6.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

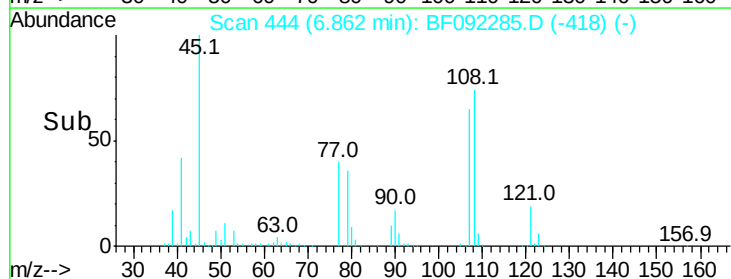
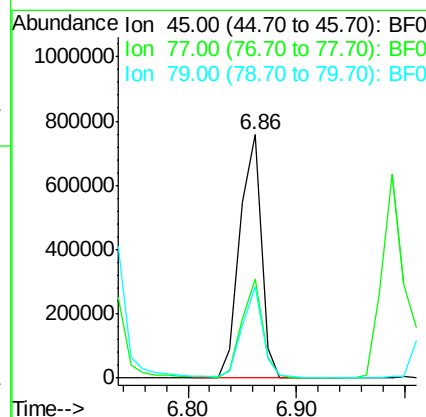
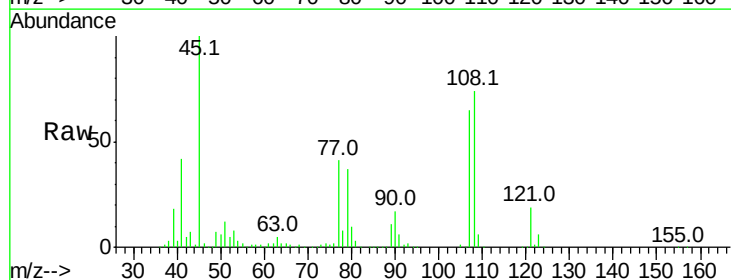
Tgt Ion: 45 Resp: 1024624

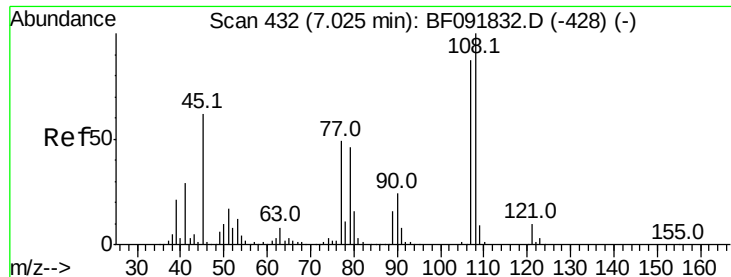
Ion Ratio Lower Upper

45 100

77 40.9 0.0 34.6#

79 37.3 0.0 31.2#





#17

2-Methylphenol

Concen: 47.61 ng

RT: 6.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

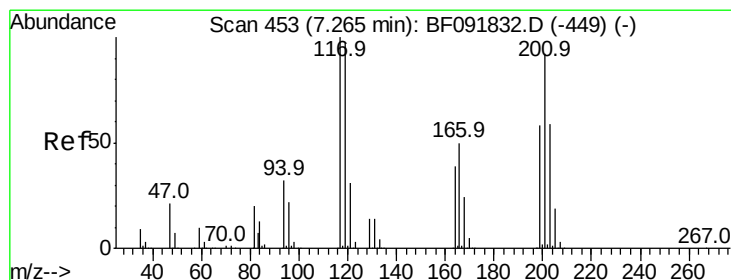
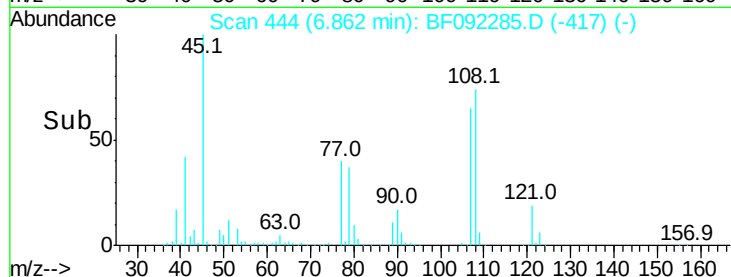
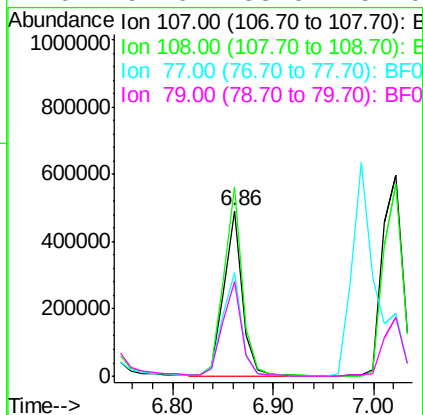
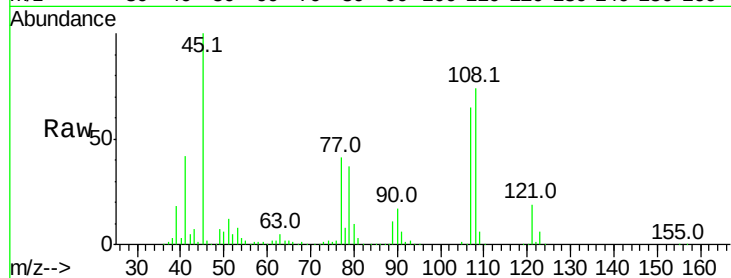
ClientSampled :

PB96012BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	93.0	139.6	
77	63.1	39.8	59.8	
79	57.6	38.0	57.0	

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#18

Hexachloroethane

Concen: 42.71 ng

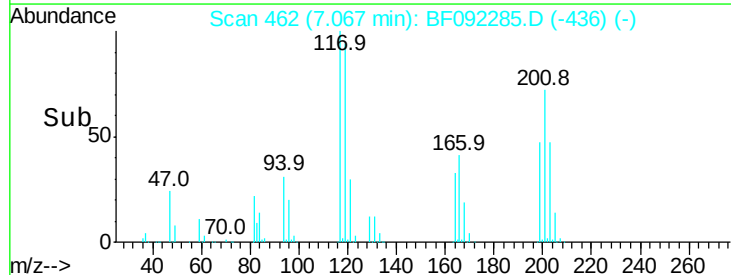
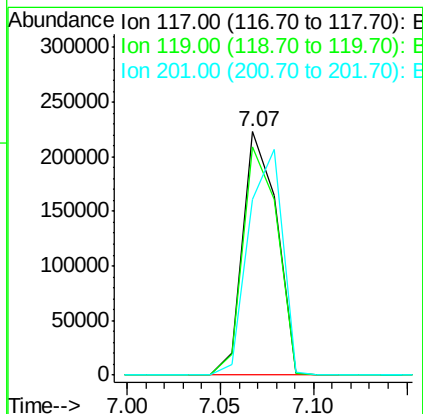
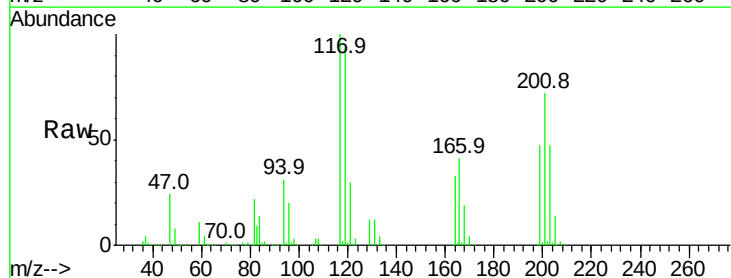
RT: 7.07 min Scan# 462

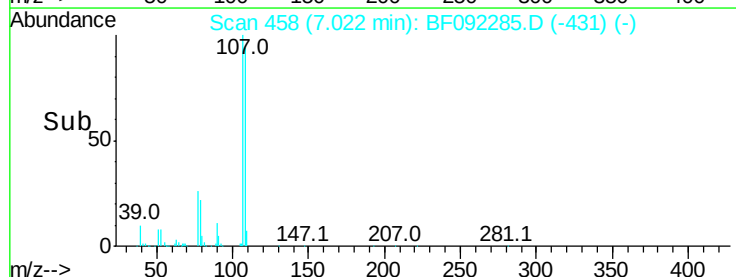
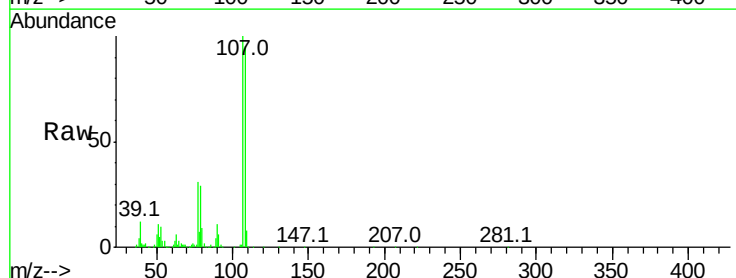
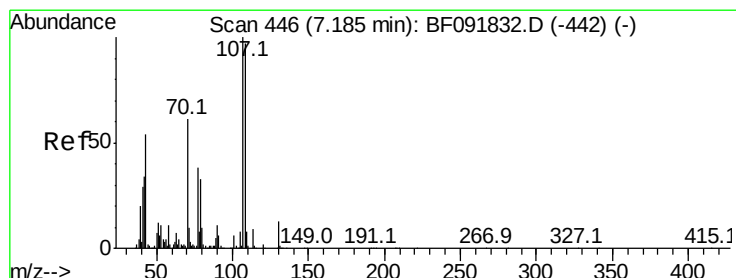
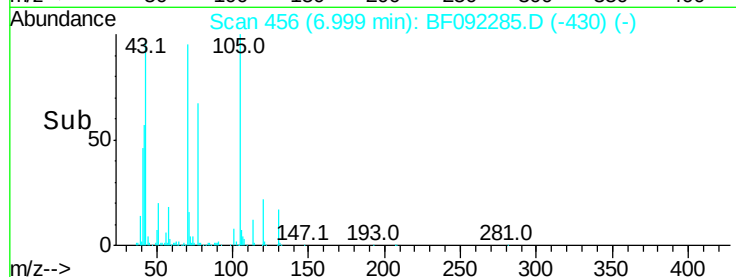
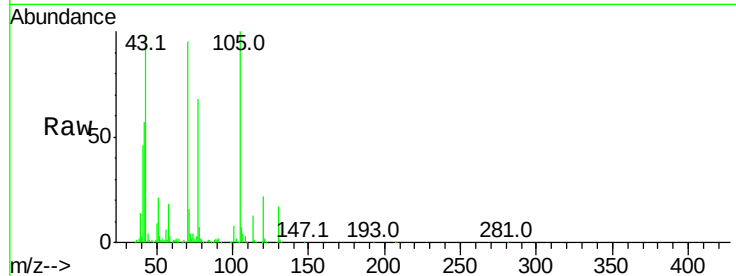
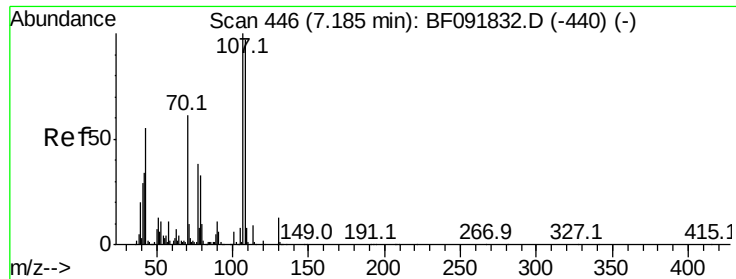
Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	78.1	117.1	
201	72.3	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 46.27 ng

RT: 7.00 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF092285.D

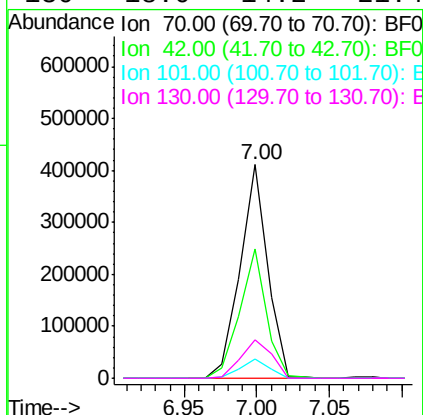
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	49.4	74.0
101	8.9	7.4	11.2
130	18.0	14.2	21.4

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#20

3+4-Methylphenols

Concen: 55.16 ng

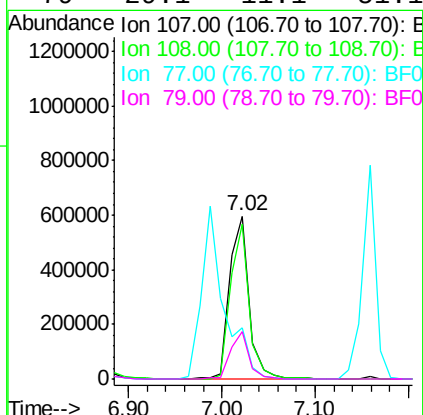
RT: 7.02 min Scan# 458

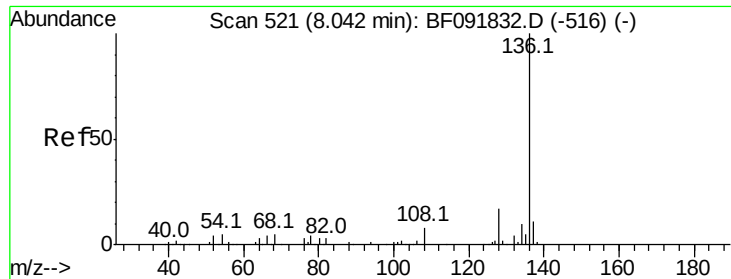
Delta R.T. 0.01 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.2	73.0	113.0
77	31.1	71.3	111.3
79	29.1	11.1	51.1





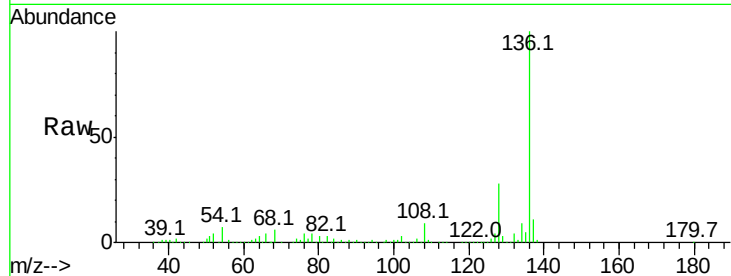
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampled :
PB96012BS

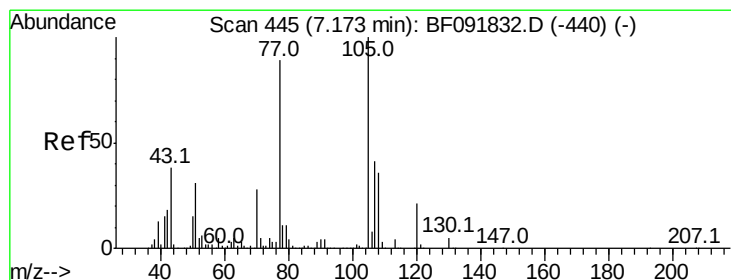
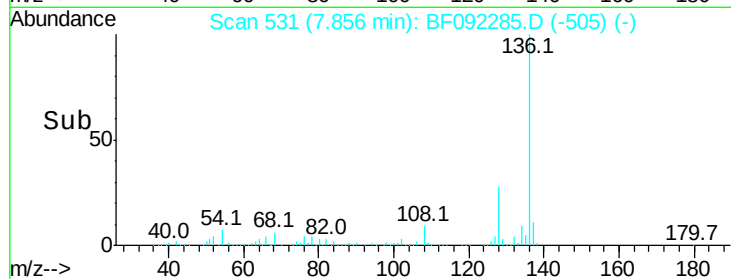
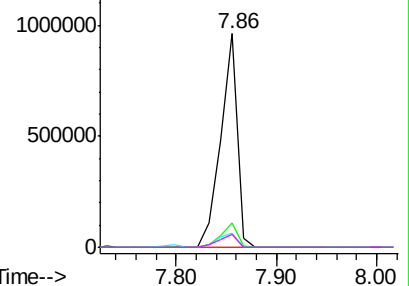
Tot Ion	136	Resp	1095531
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.9	4.5	6.7#
68	5.8	3.6	5.4#

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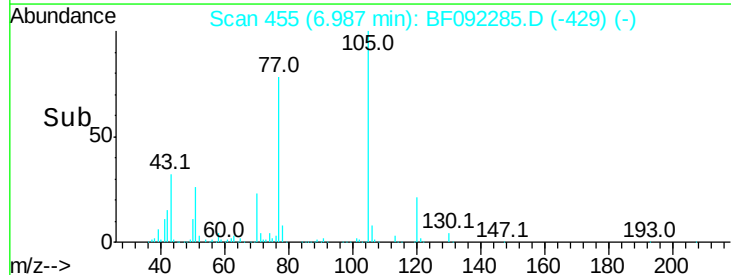
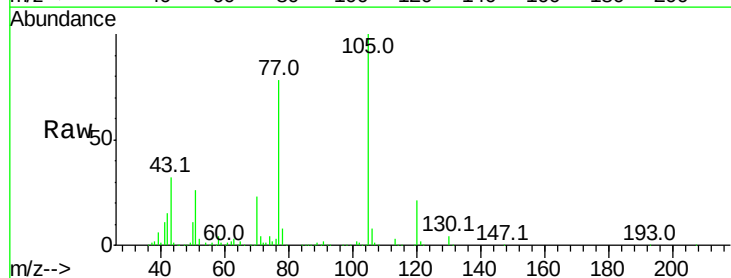
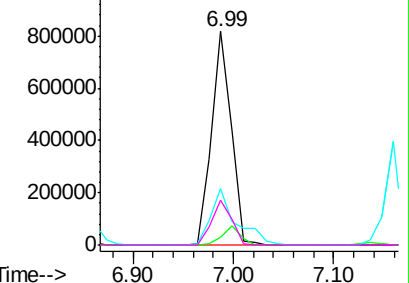
Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

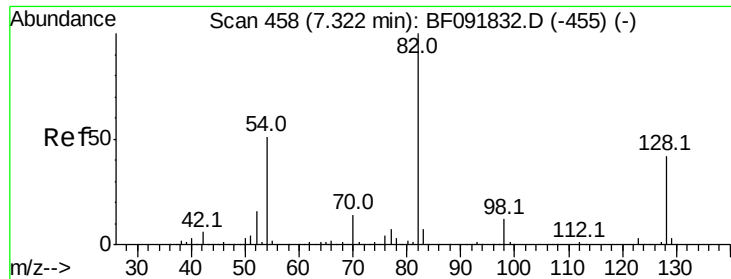


#22
Acetophenone
Concen: 41.05 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	105	Resp	1109113
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.2	4.8
51	26.1	26.2	39.4#
120	21.2	16.6	24.8

Abundance Ion 105.00 (104.70 to 105.70): E
1200000
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





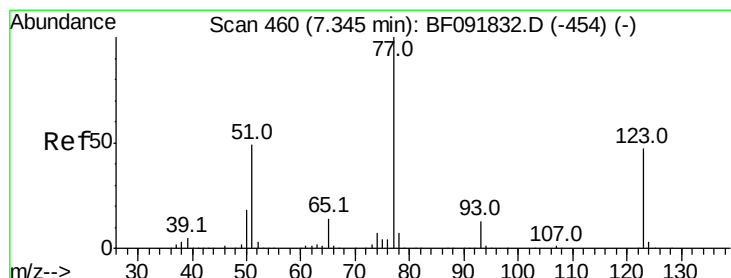
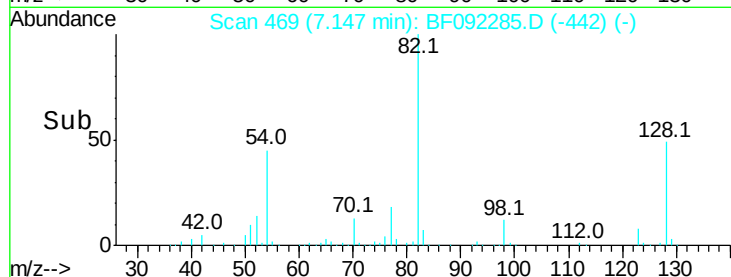
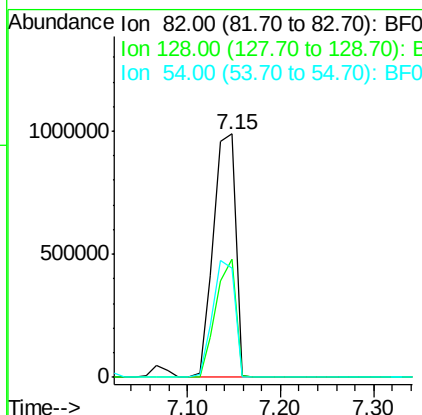
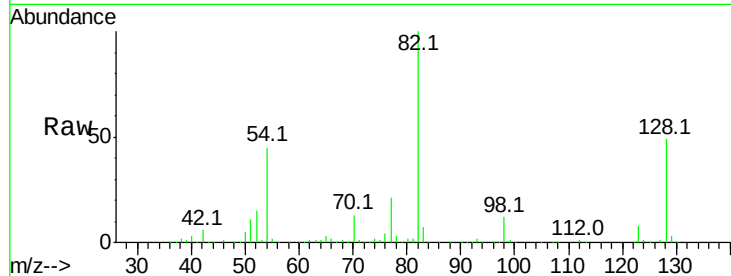
#23
 Nitrobenzene-d5
 Concen: 83.11 ng
 RT: 7.15 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion: 82 Resp: 1637427
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.6 52.0
 54 44.8 39.5 59.3

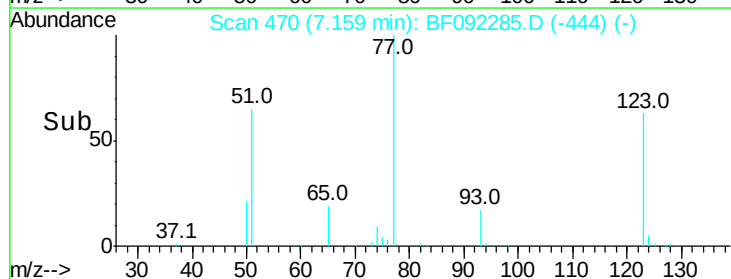
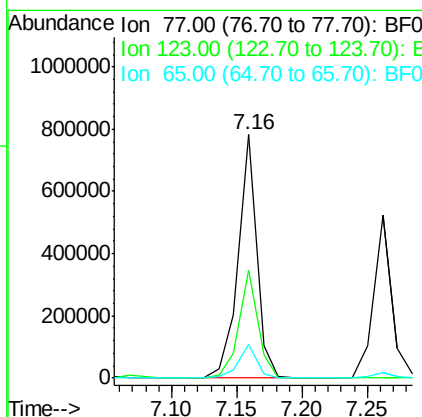
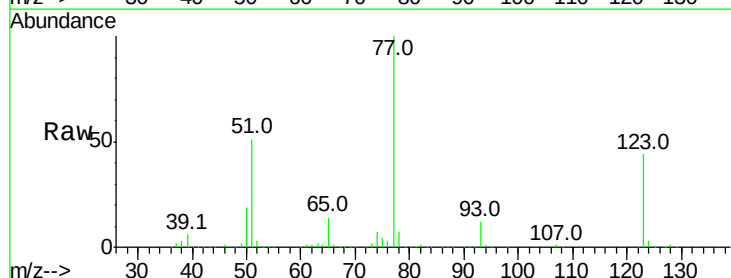
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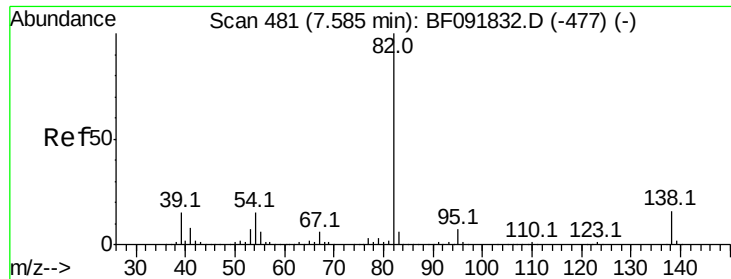
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#24
 Nitrobenzene
 Concen: 36.67 ng
 RT: 7.16 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion: 77 Resp: 769530
 Ion Ratio Lower Upper
 77 100
 123 44.1 33.0 49.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 43.75 ng

RT: 7.41 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

Tot Ion: 82 Resp: 1590171

Ion Ratio Lower Upper

82 100

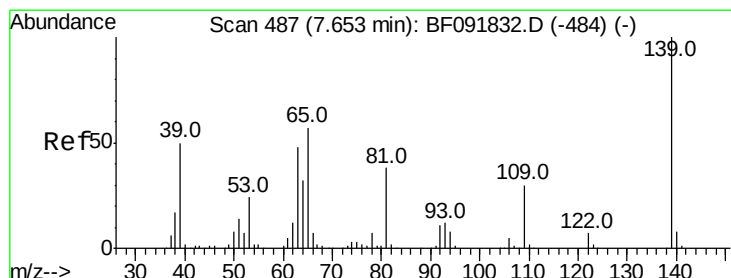
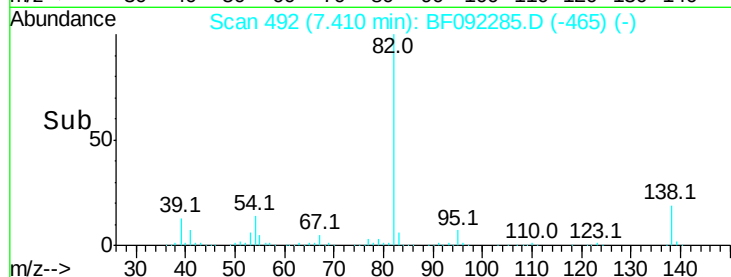
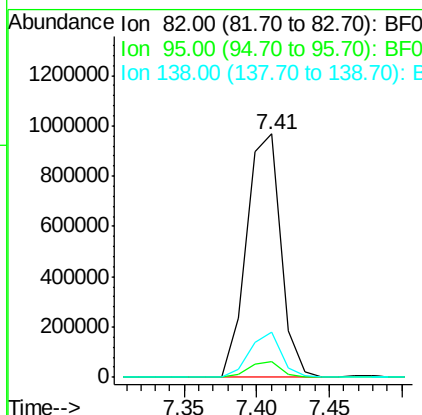
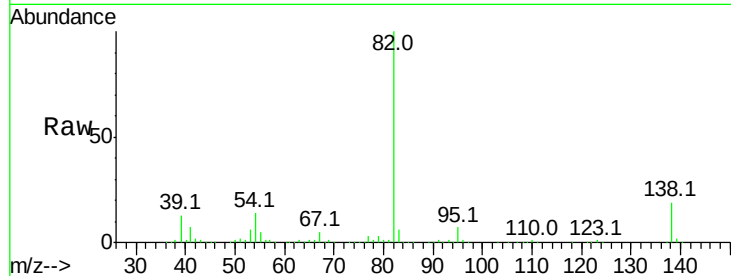
95 6.6 5.6 8.4

138 18.5 14.6 22.0

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#26

2-Nitrophenol

Concen: 43.76 ng

RT: 7.48 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

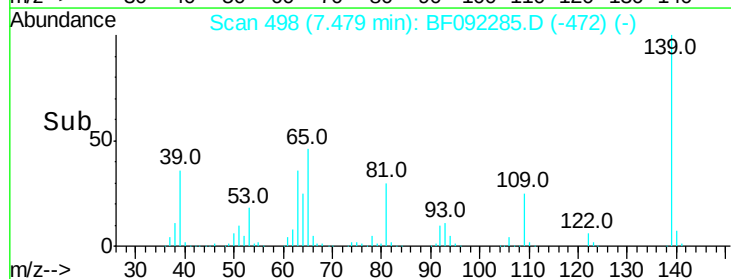
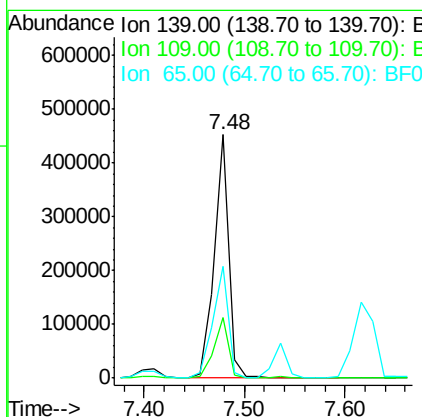
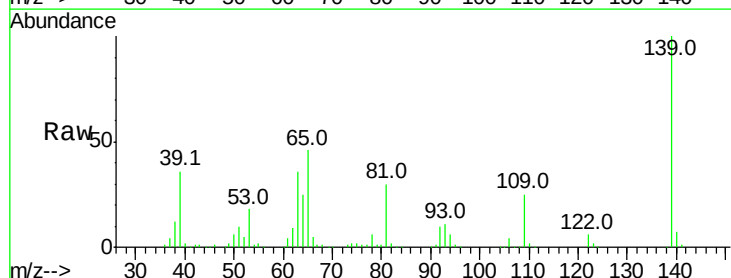
Tgt Ion: 139 Resp: 452857

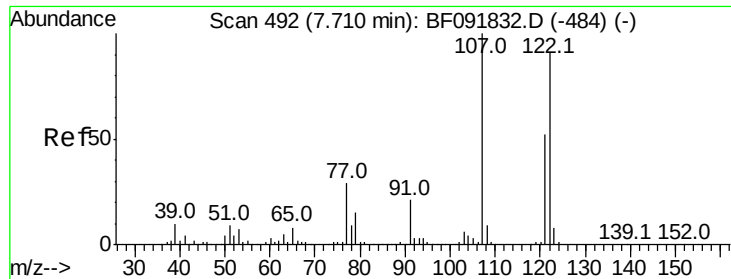
Ion Ratio Lower Upper

139 100

109 24.9 23.3 34.9

65 46.0 42.7 64.1





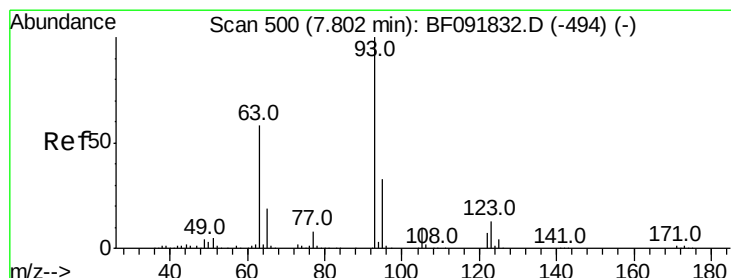
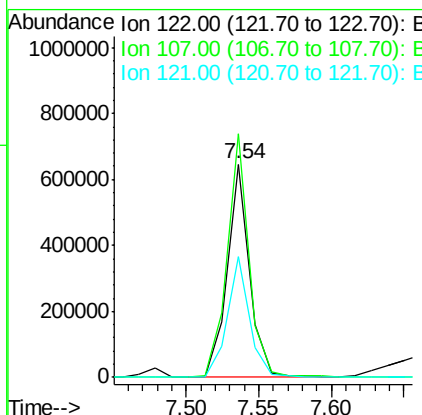
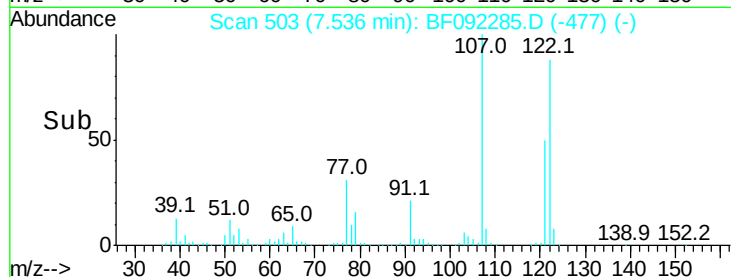
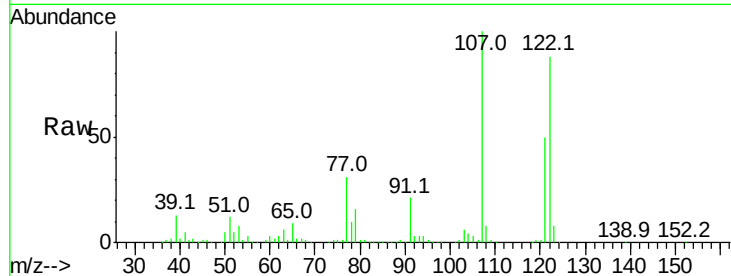
#27
 2,4-Dimethylphenol
 Concen: 40.20 ng
 RT: 7.54 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleID :
 PB96012BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	94.1	141.1
121	56.7	46.0	69.0

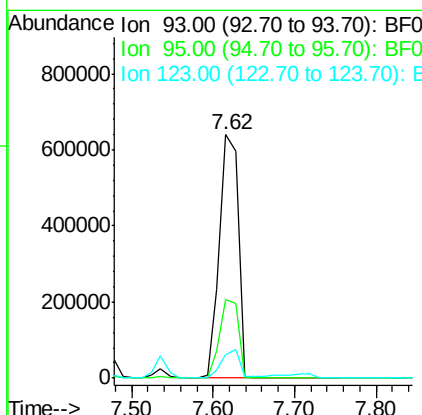
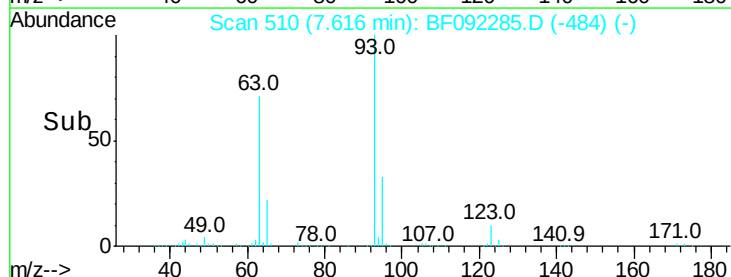
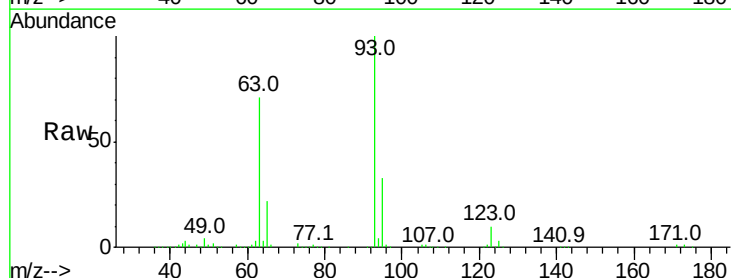
Manual Integrations
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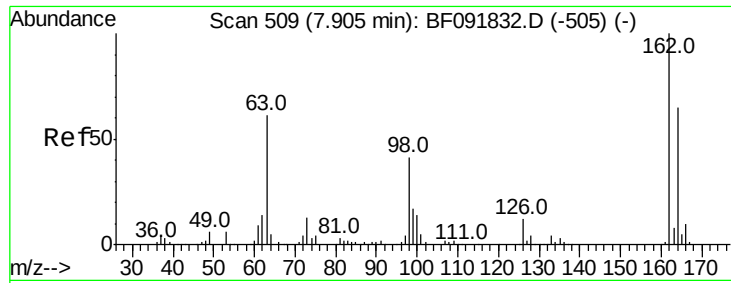
mohammad
 1/17/2017 4:57:59 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.42 ng
 RT: 7.62 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	9.9	8.6	13.0





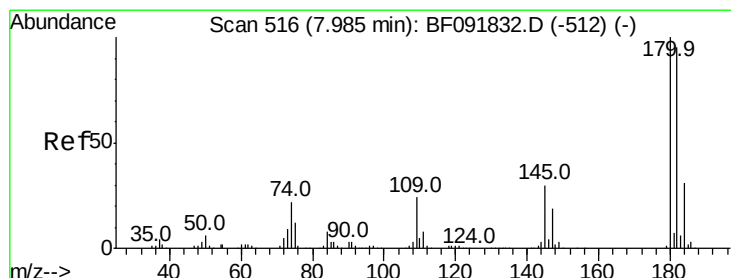
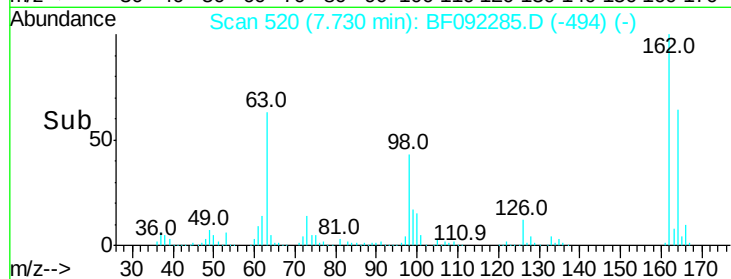
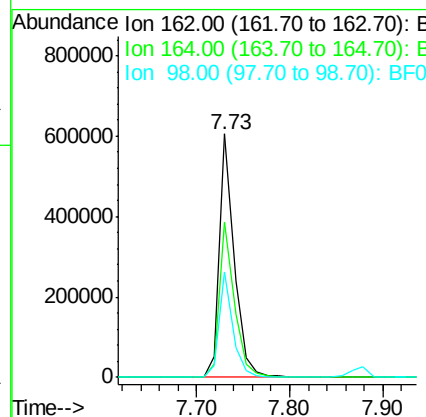
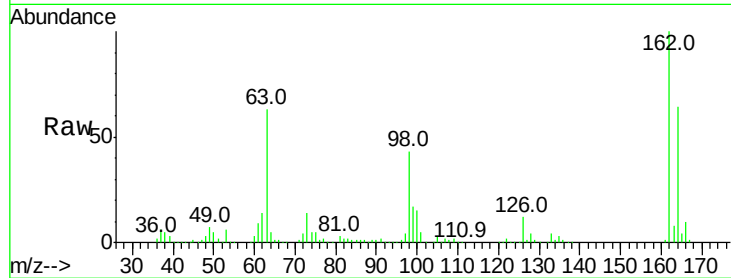
#29
 2,4-Dichlorophenol
 Concen: 45.90 ng
 RT: 7.73 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	667147		
164	63.9	46.8	86.8	
98	43.0	9.1	49.1	

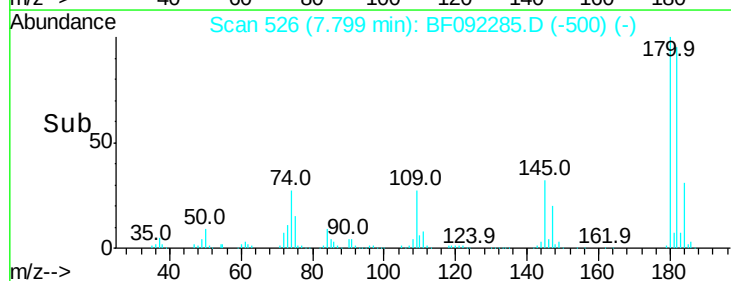
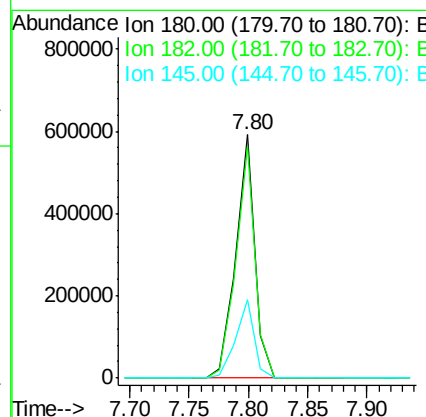
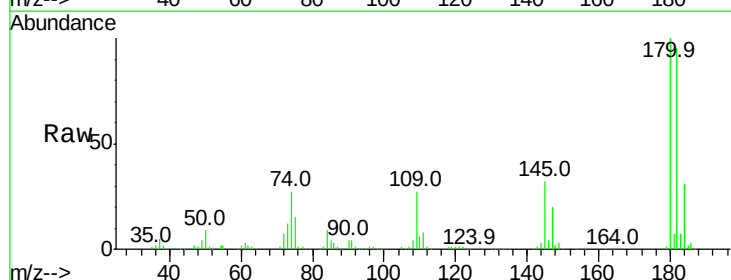
Manual Integrations
 APPROVED

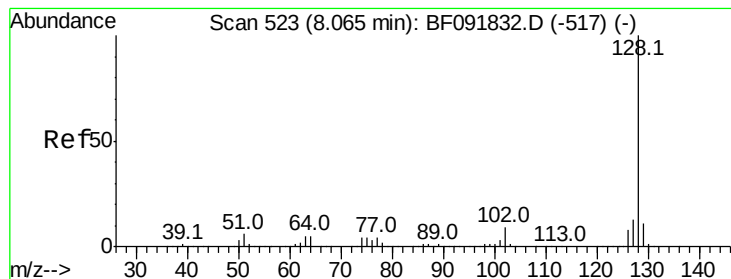
mohammad
 1/17/2017 4:57:59 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.50 ng
 RT: 7.80 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	660923		
182	95.3	78.2	117.4	
145	32.1	21.6	32.4	





#31

Naphthalene

Concen: 46.18 ng

RT: 7.88 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampled :

PB96012BS

Tot Ion:128 Resp: 2315670

Ion Ratio Lower Upper

128 100

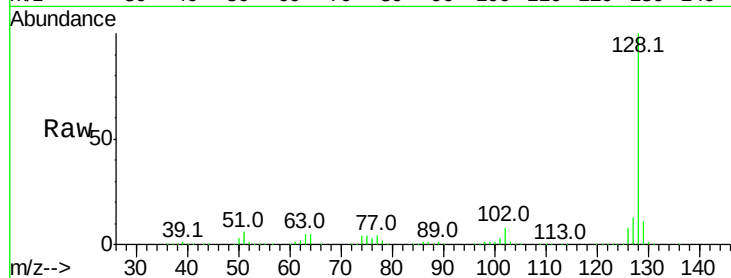
129 11.4 9.5 14.3

127 13.4 10.8 16.2

Manual Integrations
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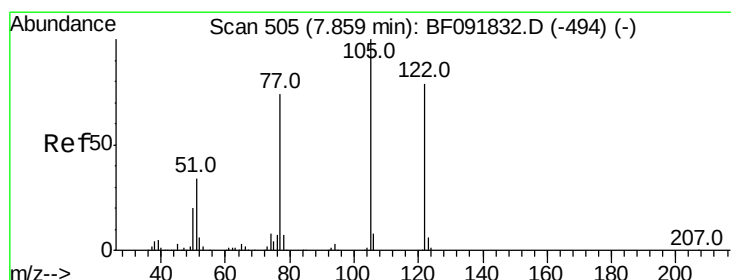
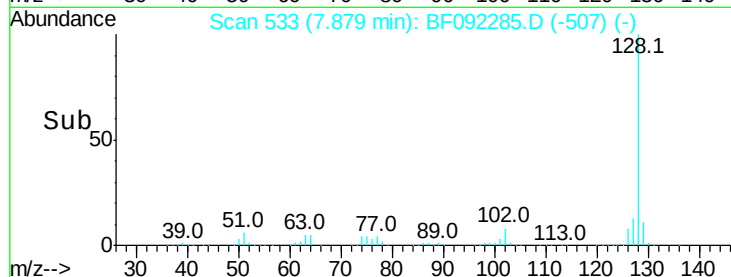
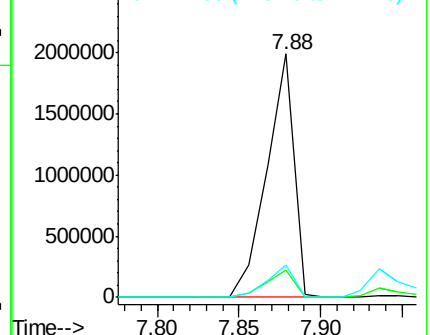
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.32 ng

RT: 7.72 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

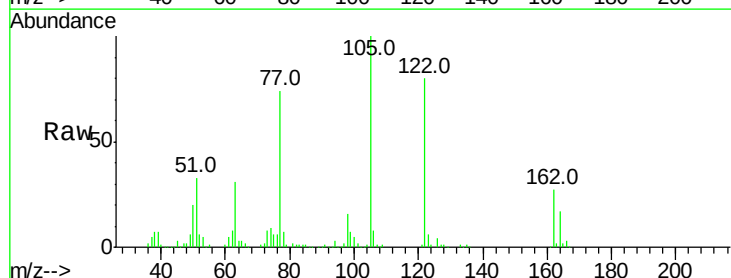
Tgt Ion:122 Resp: 538709

Ion Ratio Lower Upper

122 100

105 125.5 107.2 147.2

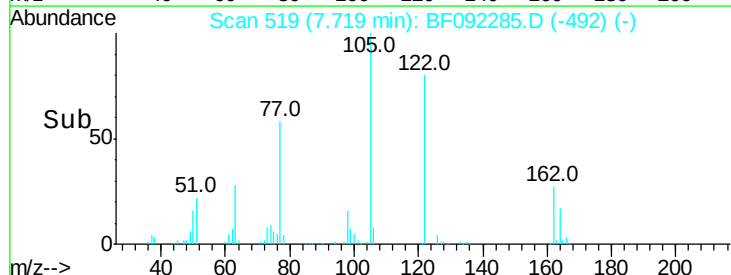
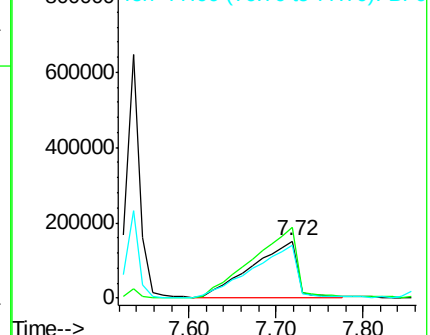
77 92.4 74.5 114.5

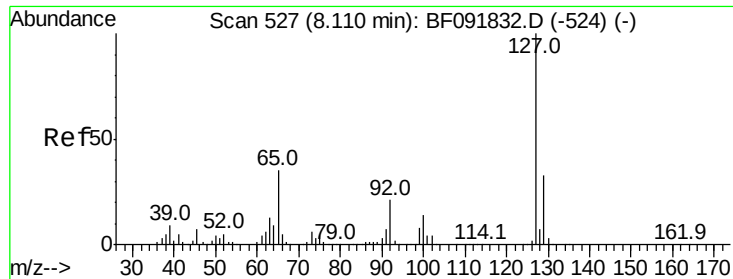


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





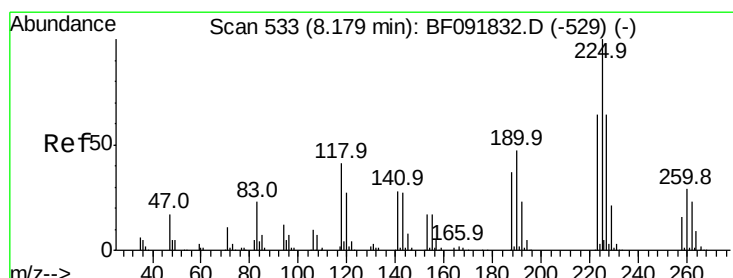
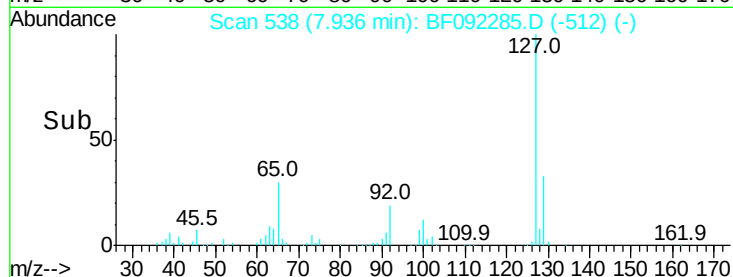
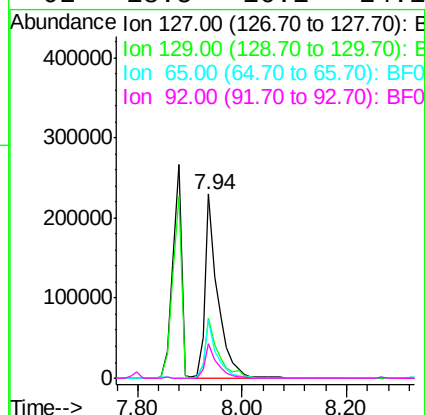
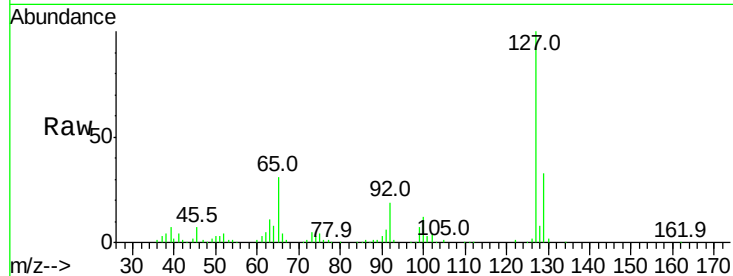
#33
4-Chloroaniline
Concen: 17.32 ng
RT: 7.94 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.3	39.5		
65	31.1	25.8	38.8		
92	18.5	16.1	24.1		

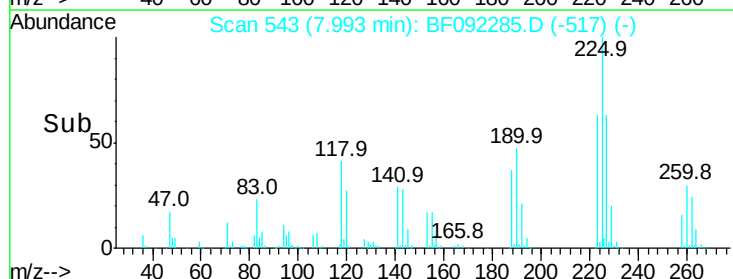
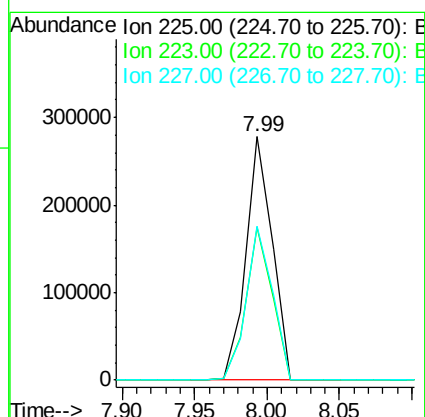
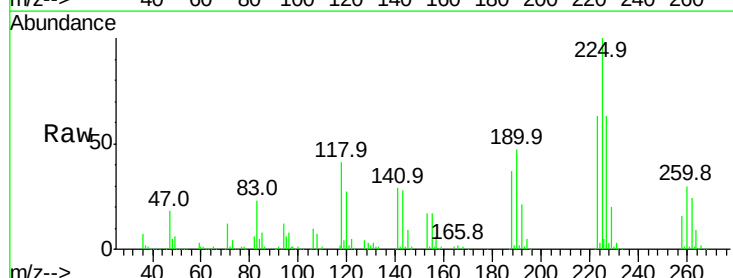
Manual Integrations
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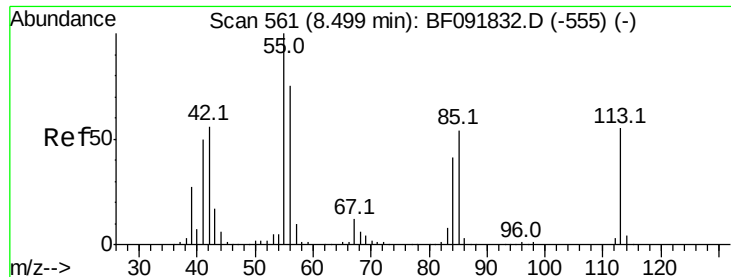
mohammad
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#34
Hexachlorobutadiene
Concen: 41.48 ng
RT: 7.99 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	51.0	76.6		
227	63.2	50.6	76.0		





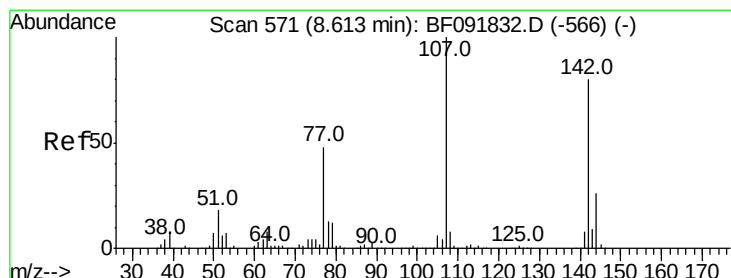
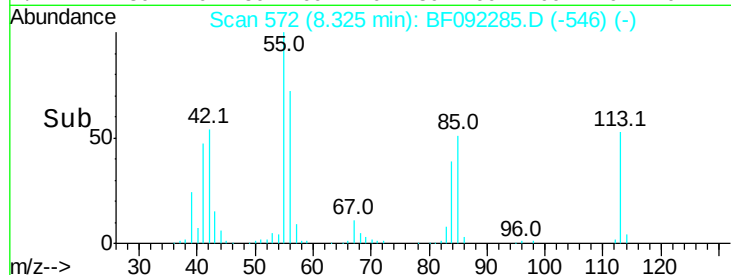
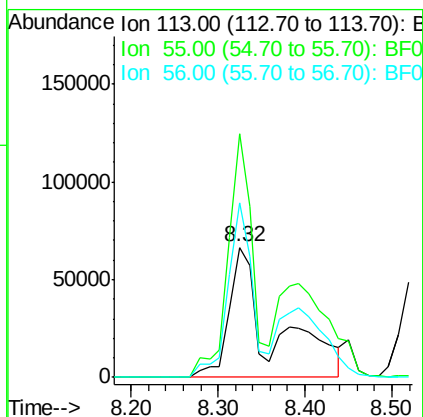
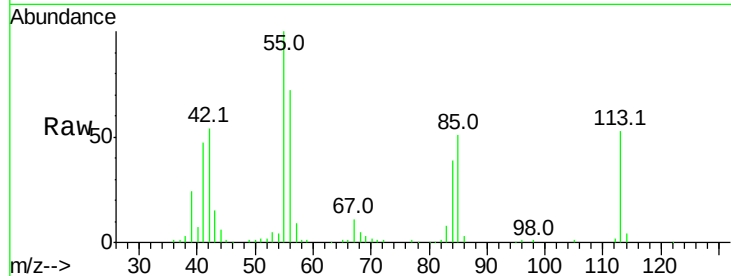
#35
Caprolactam
Concen: 48.90 ng/ml
RT: 8.32 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.4	119.2	159.2#
56	134.8	83.8	123.8#

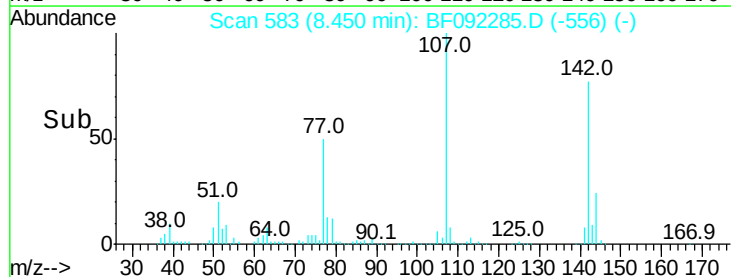
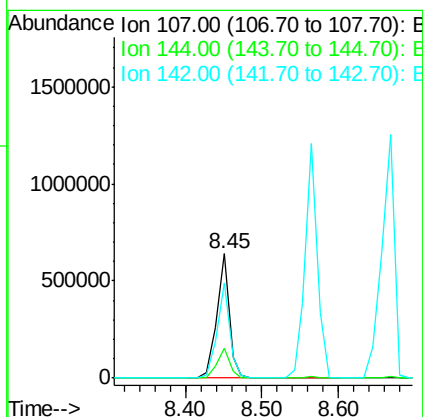
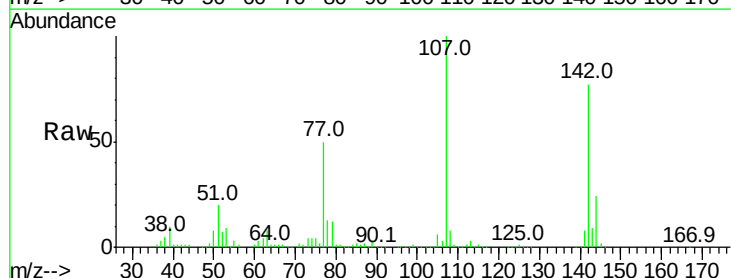
Manual Integrations
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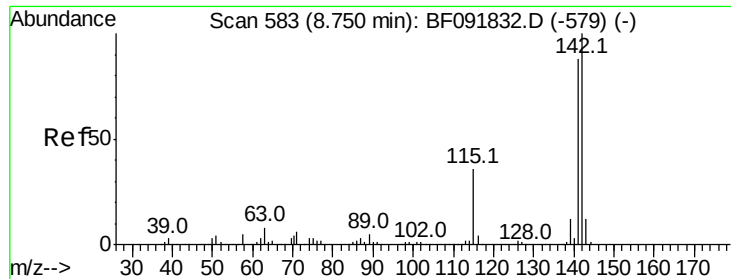
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.31 ng/ml
RT: 8.45 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.3	28.9
142	76.6	59.0	88.6





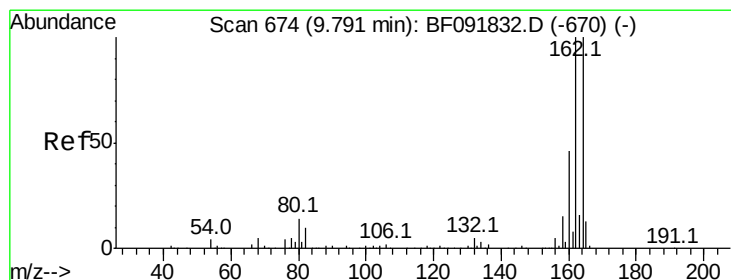
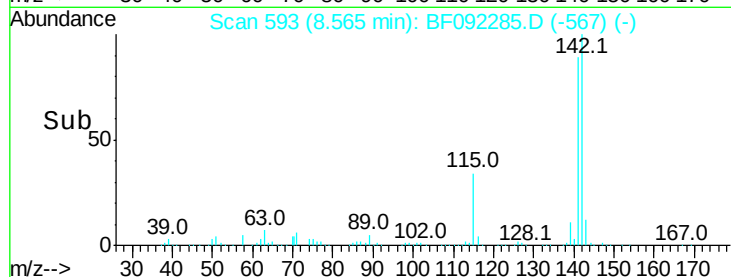
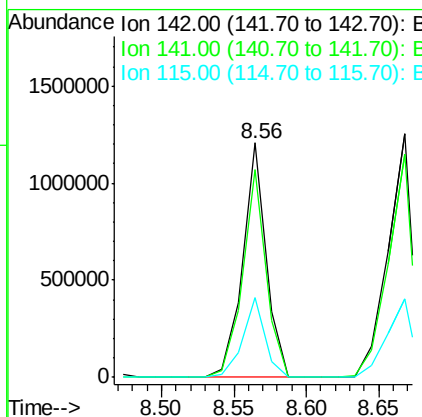
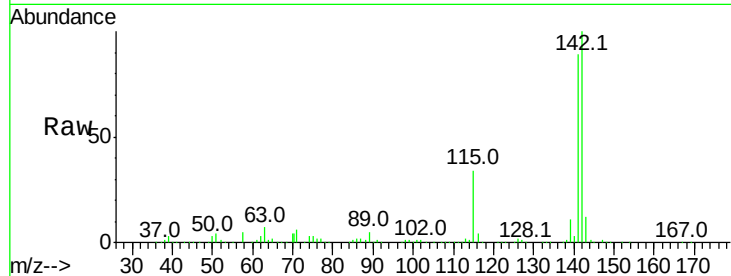
#37
2-Methylnaphthalene
Concen: 44.47 ng
RT: 8.56 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	34.1	28.3	42.5

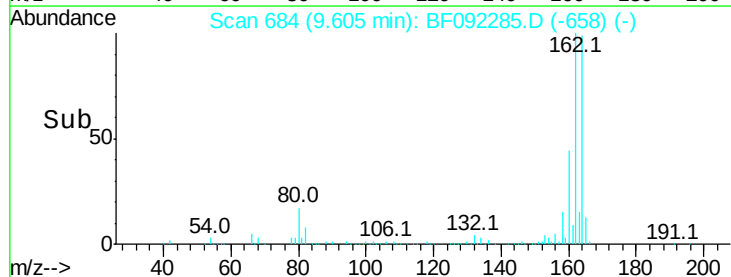
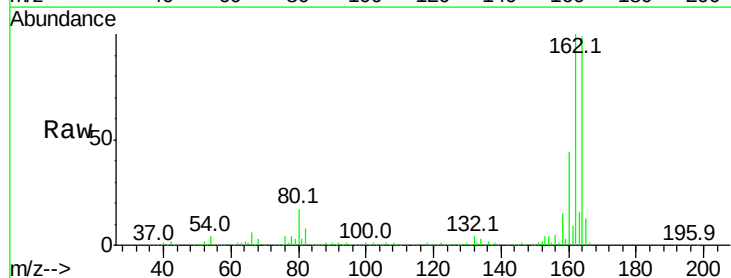
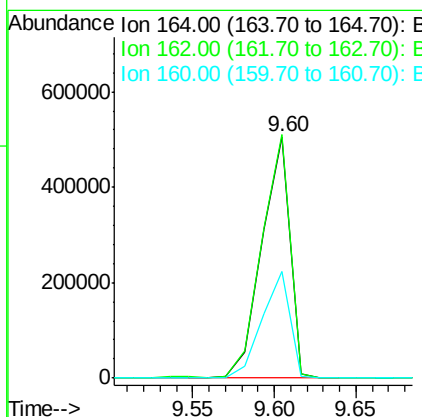
Manual Integrations
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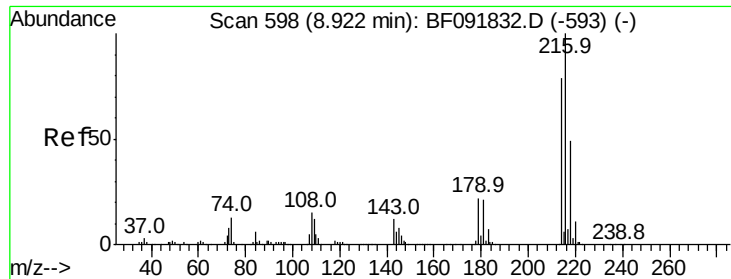
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	44.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.37 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

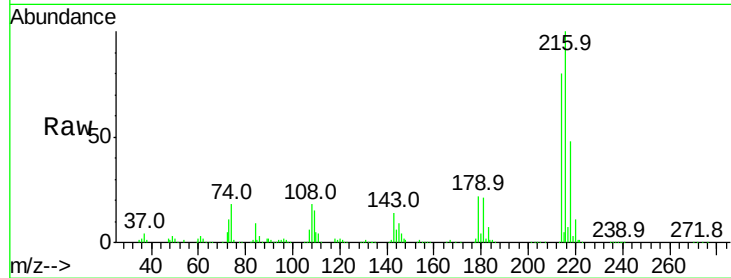
ClientSampleId :

PB96012BS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.4	63.4	95.0
179	22.5	17.4	26.2
108	22.4	15.6	23.4

Manual Integrations
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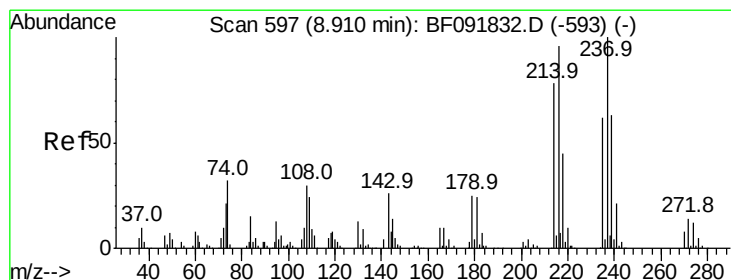
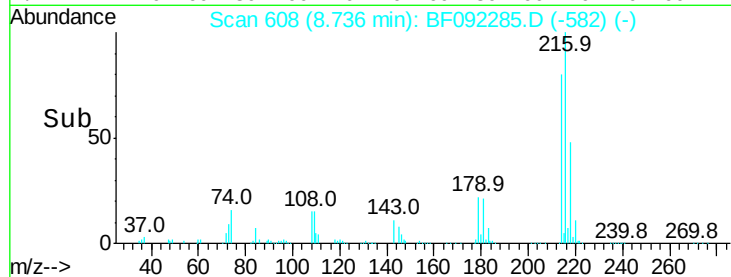
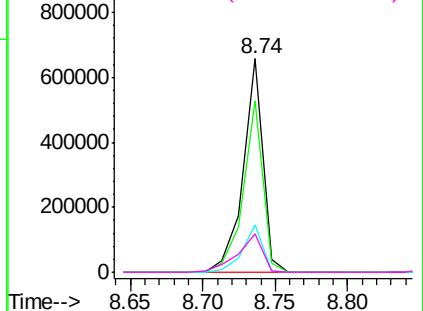
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 74.51 ng

RT: 8.72 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

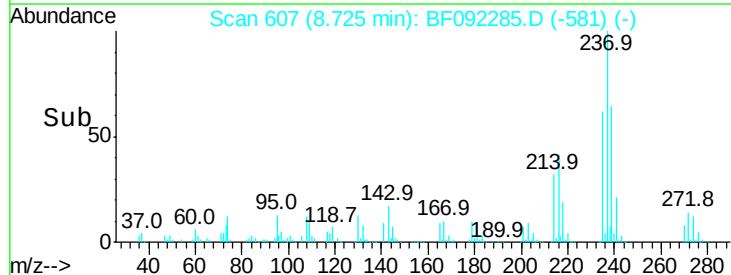
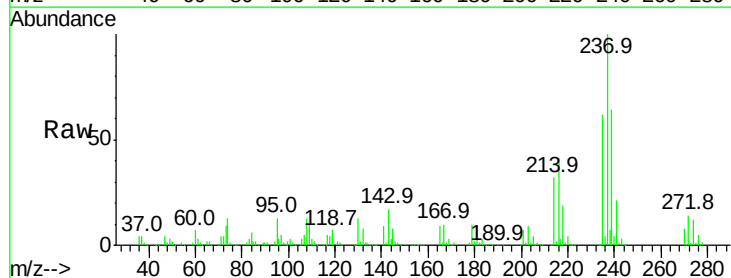
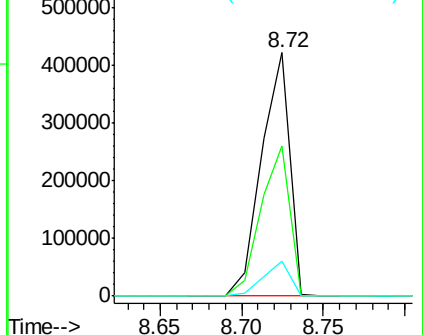
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.7	41.2	81.2
272	14.5	0.0	35.4

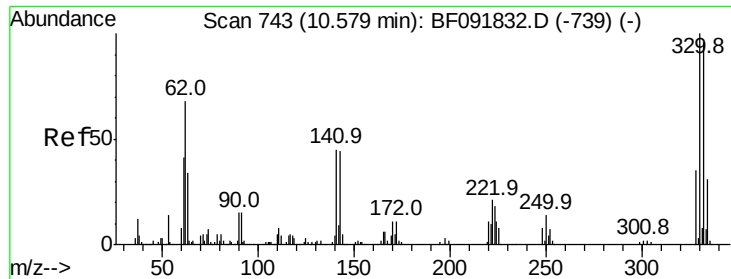
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





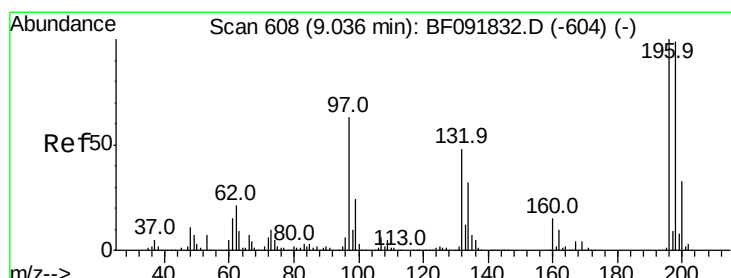
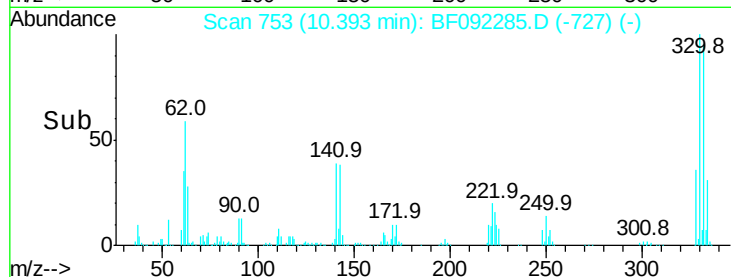
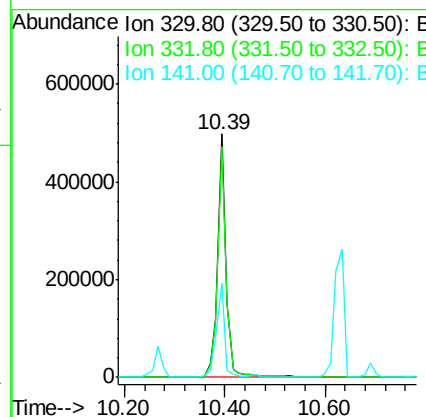
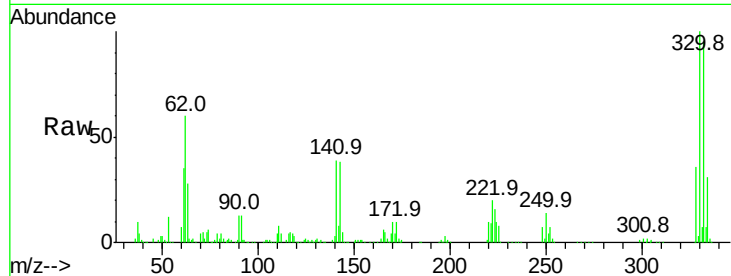
#41
 2,4,6-Tribromophenol
 Concen: 117.98 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	594100		
332	95.9	77.4	116.2	
141	36.2	34.1	51.1	

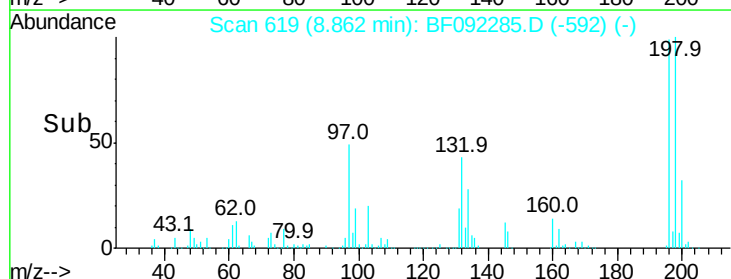
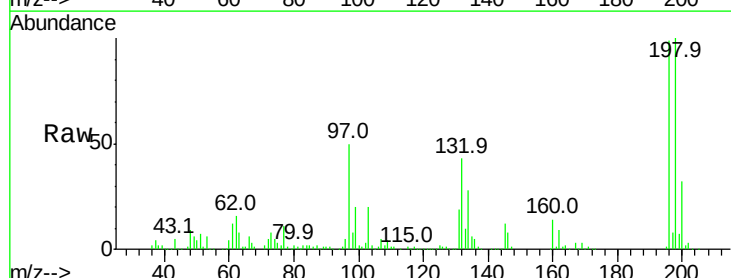
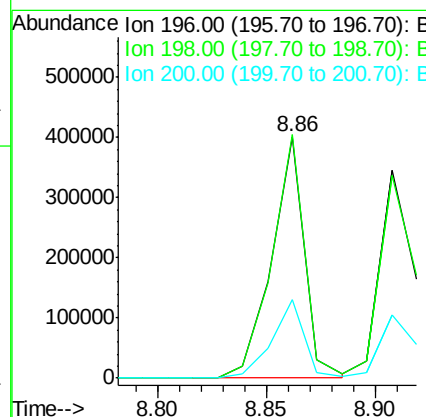
Manual Integrations
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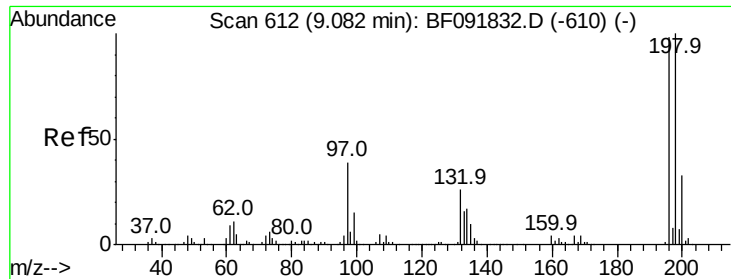
mohammad
 1/17/2017 4:57:59 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.40 ng
 RT: 8.86 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	423643		
198	101.0	82.1	123.1	
200	32.6	27.0	40.4	





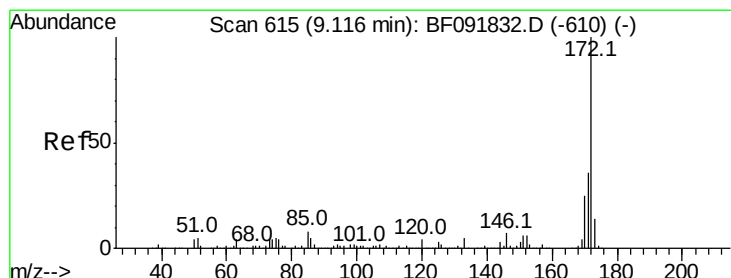
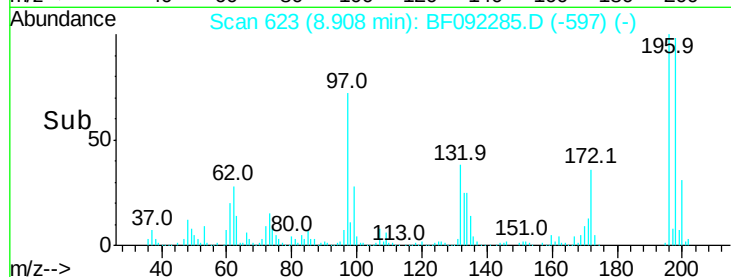
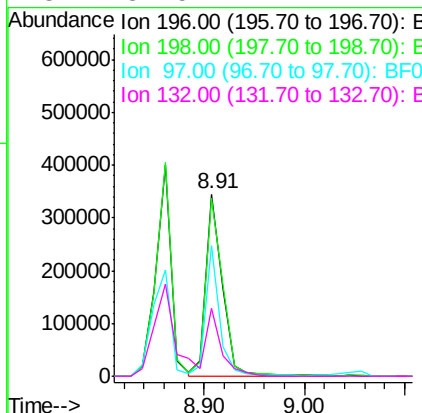
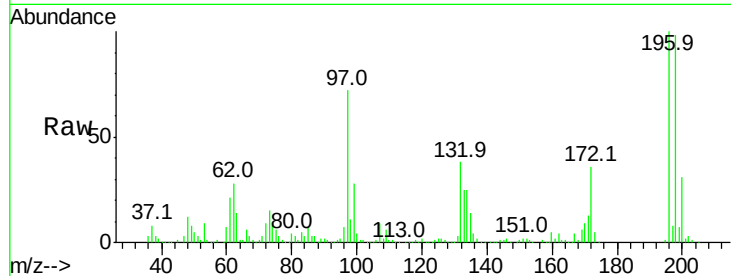
#43
 2,4,5-Trichlorophenol
 Concen: 35.67 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	394653		
198	97.7	79.4	119.2	
97	71.5	51.5	77.3	
132	37.5	27.4	41.2	

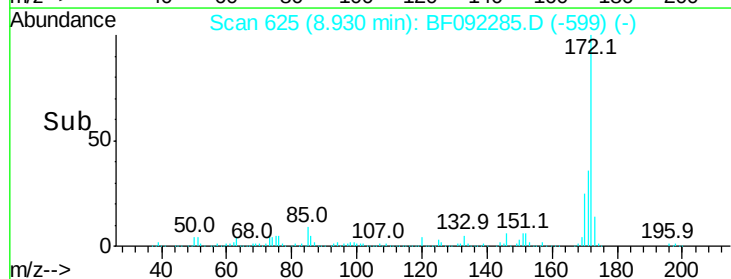
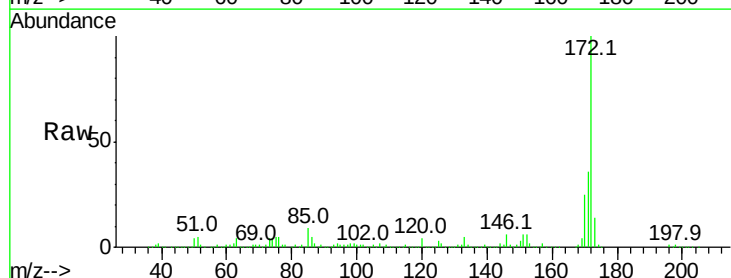
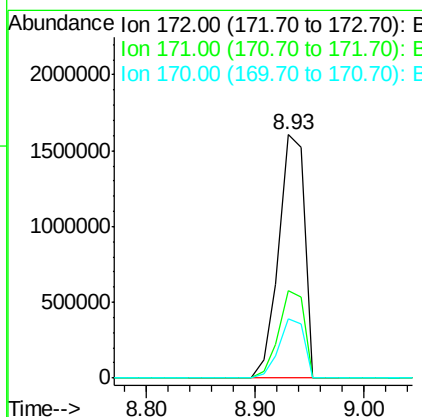
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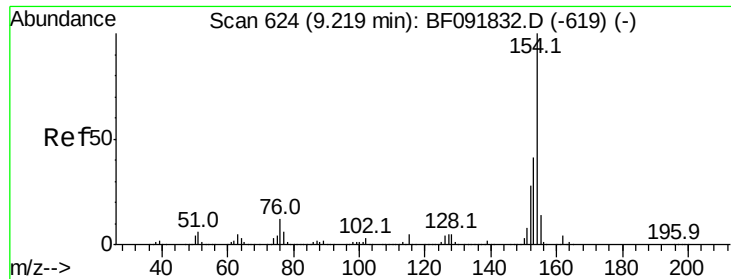
mohammad
 1/17/2017 4:57:59 PM



#44
 2-Fluorobiphenyl
 Concen: 90.38 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2659710		
171	36.0	29.4	44.0	
170	24.5	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 43.01 ng

RT: 9.03 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

Tot Ion:154 Resp: 1791887

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

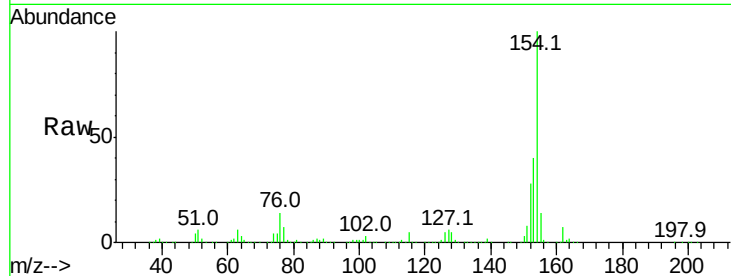
76 13.8 0.0 30.5

Manual Integrations

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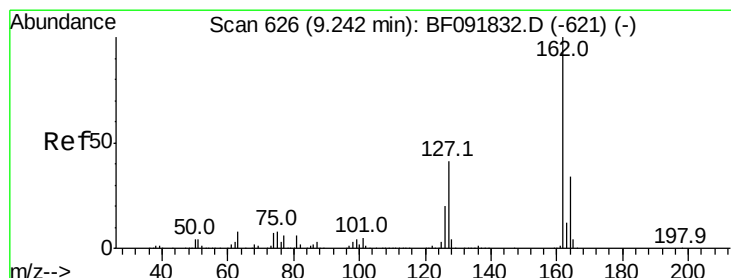
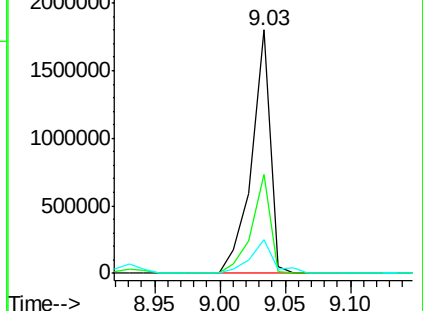
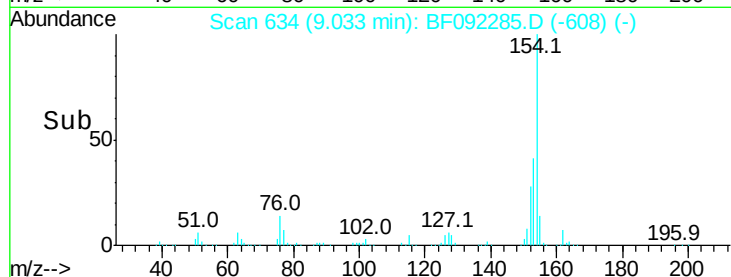
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.30 ng

RT: 9.06 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

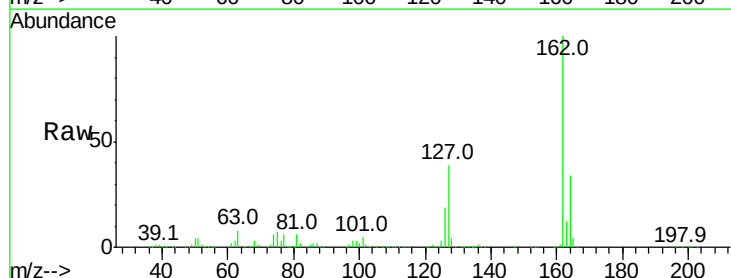
Tgt Ion:162 Resp: 1395667

Ion Ratio Lower Upper

162 100

127 39.5 30.7 46.1

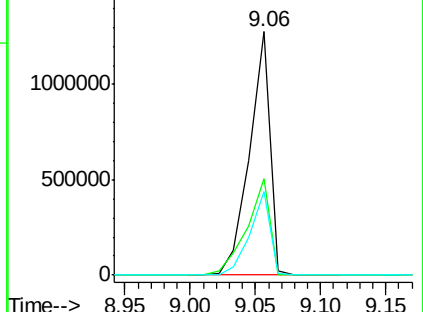
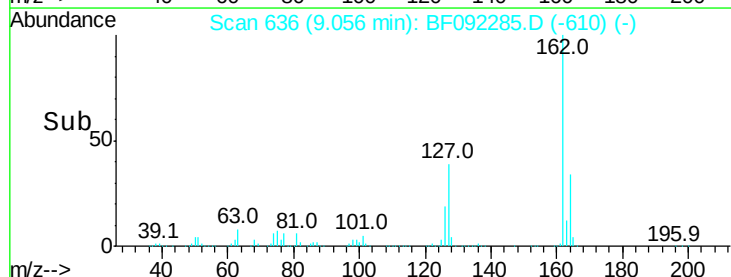
164 34.1 27.6 41.4

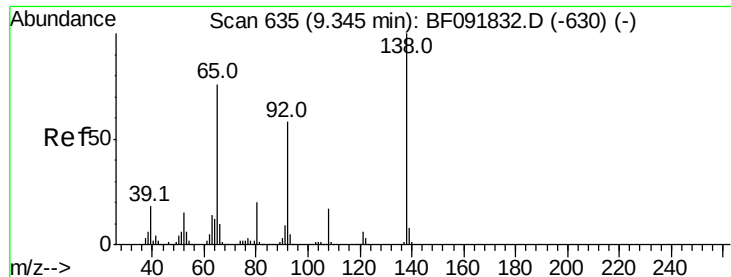


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





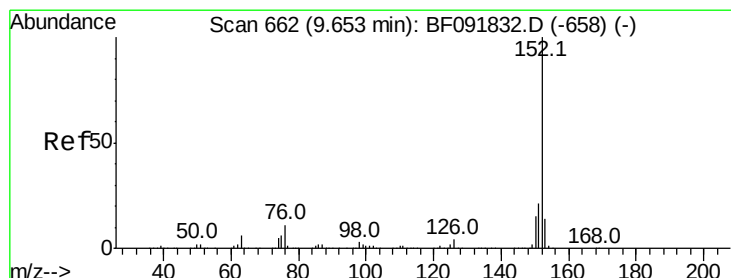
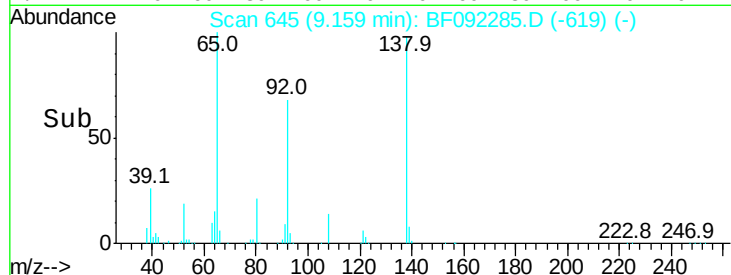
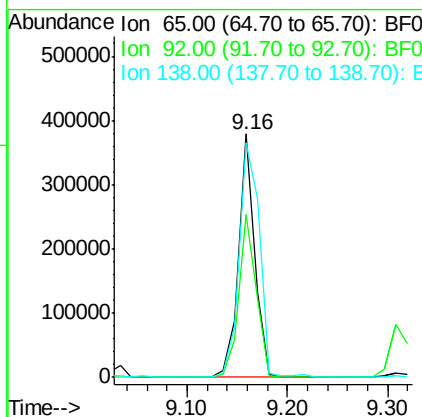
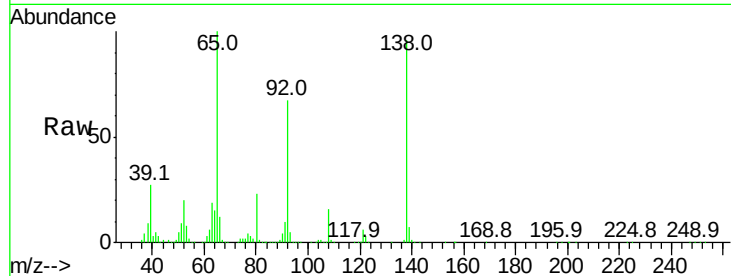
#47
2-Nitroaniline
Concen: 36.15 ng
RT: 9.16 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.9	80.9
138	96.5	76.8	115.2

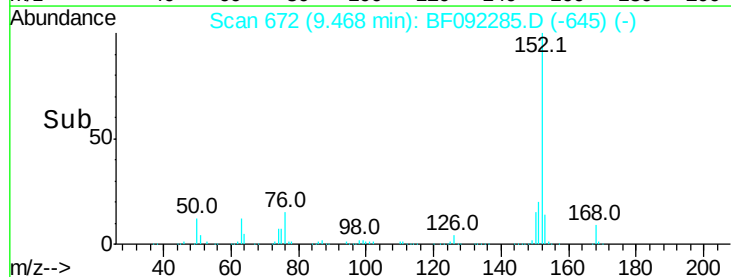
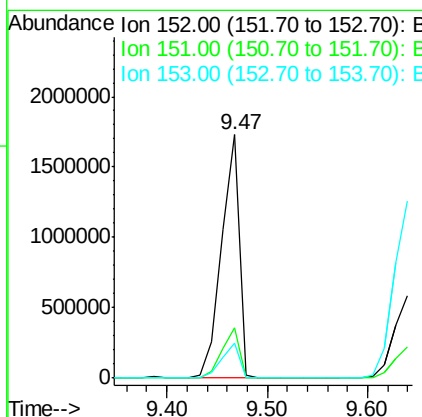
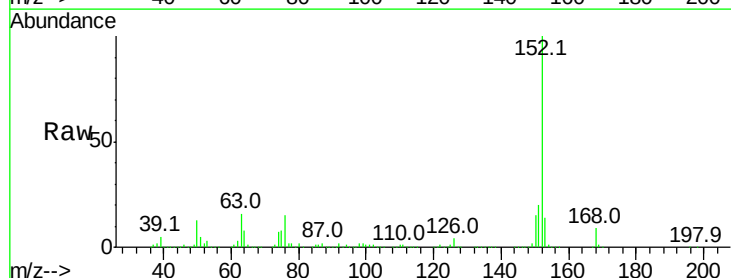
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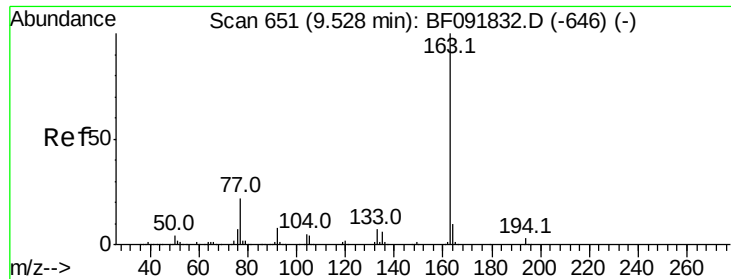
mohammad
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#48
Acenaphthylene
Concen: 41.86 ng
RT: 9.47 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	14.2	11.4	17.2





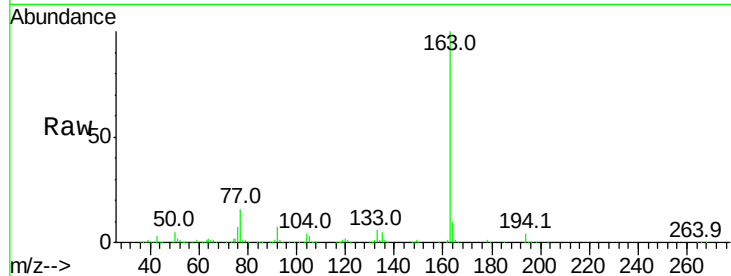
#49
Dimethylphthalate
Concen: 45.28 ng
RT: 9.35 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampled :
PB96012BS

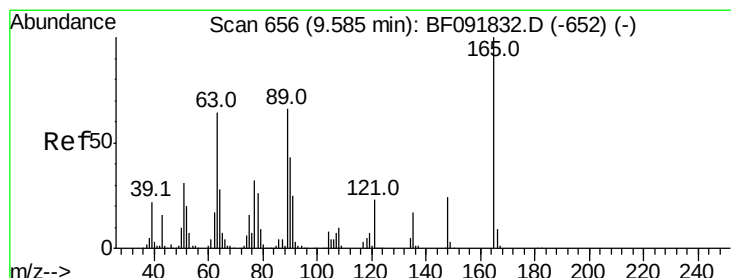
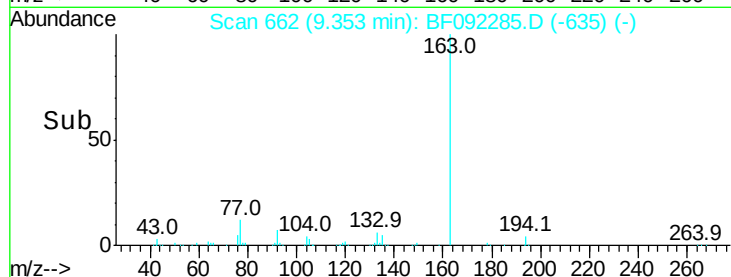
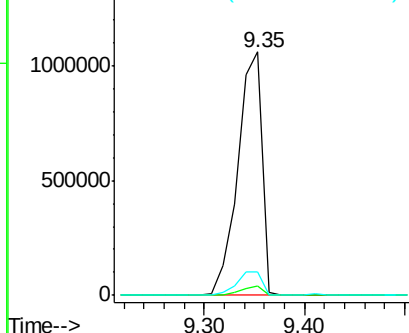
Tot Ion:163 Resp: 1762215
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.7 8.0 12.0

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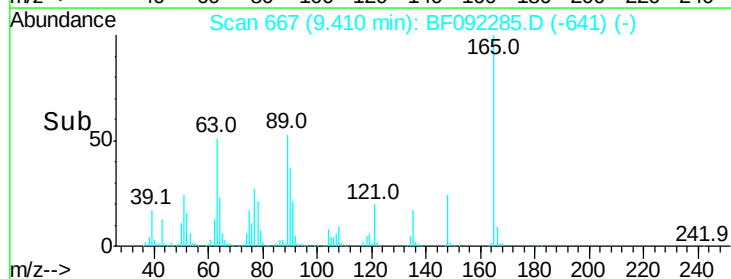
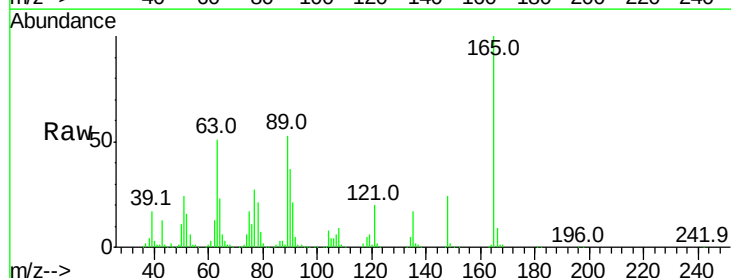
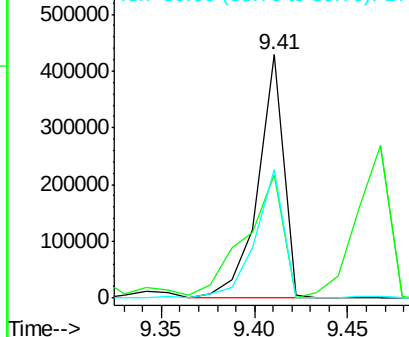
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

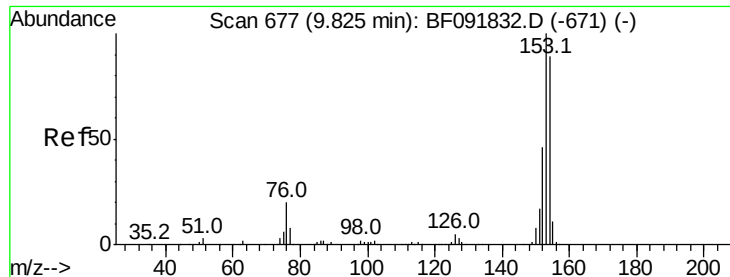


#50
2,6-Dinitrotoluene
Concen: 47.89 ng
RT: 9.41 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:165 Resp: 407959
Ion Ratio Lower Upper
165 100
63 50.5 36.2 54.4
89 53.0 40.2 60.4

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





#51

Acenaphthene

Concen: 41.65 ng

RT: 9.64 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

Tot Ion:154 Resp: 1432871

Ion Ratio Lower Upper

154 100

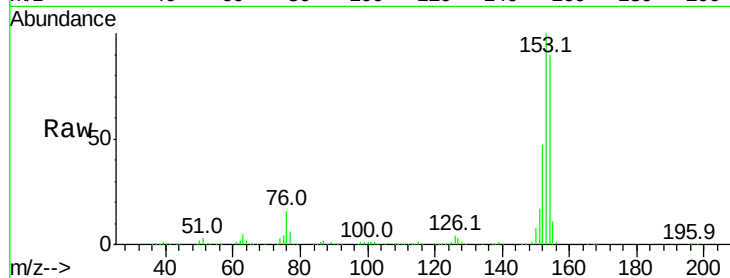
153 111.1 88.6 133.0

152 52.0 41.6 62.4

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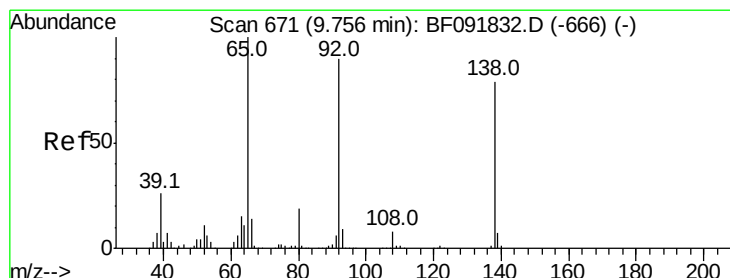
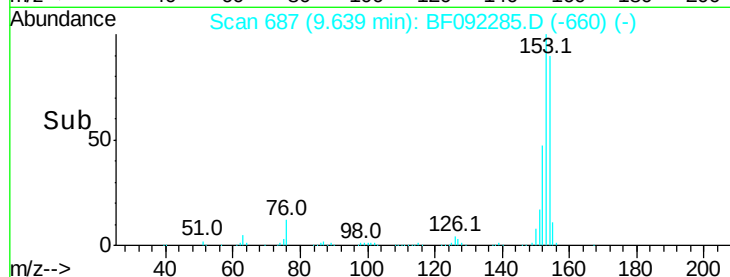
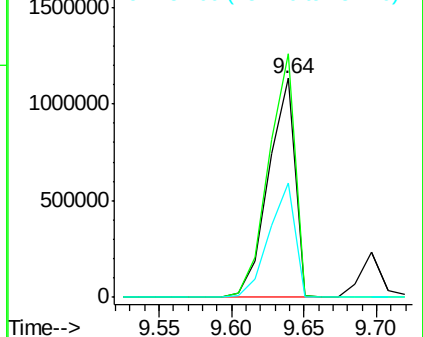
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.55 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

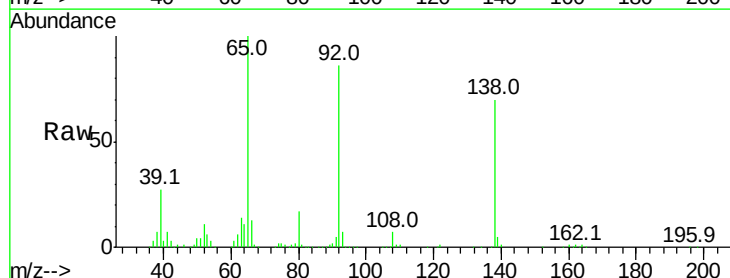
Tgt Ion:138 Resp: 227125

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

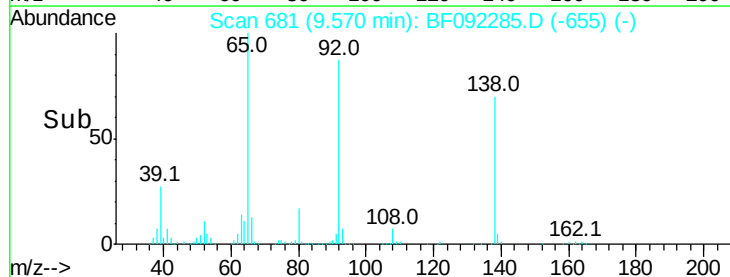
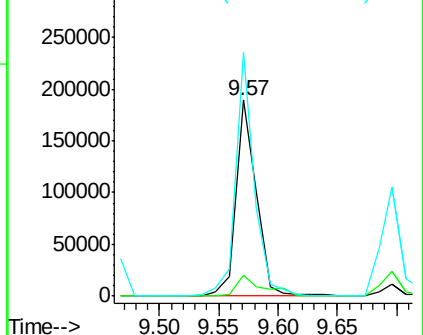
92 124.3 97.8 146.8

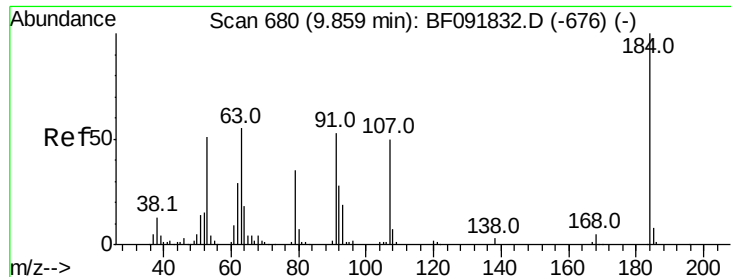


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





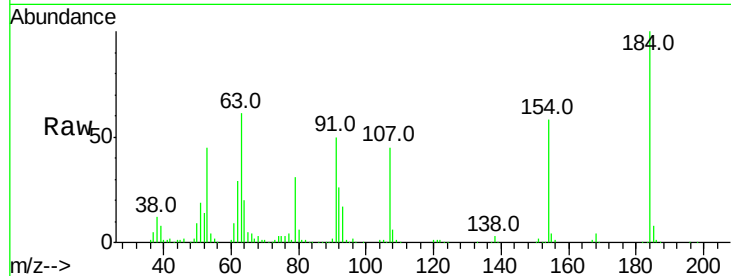
#53
2,4-Dinitrophenol
Concen: 96.68 ng
RT: 9.70 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

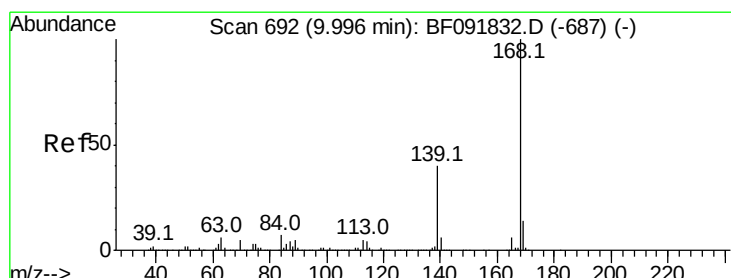
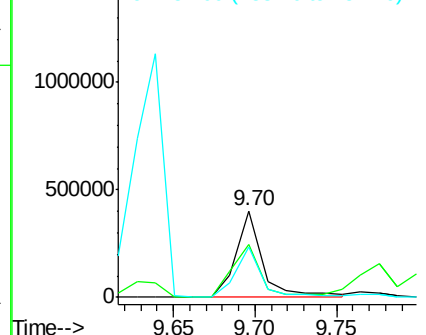
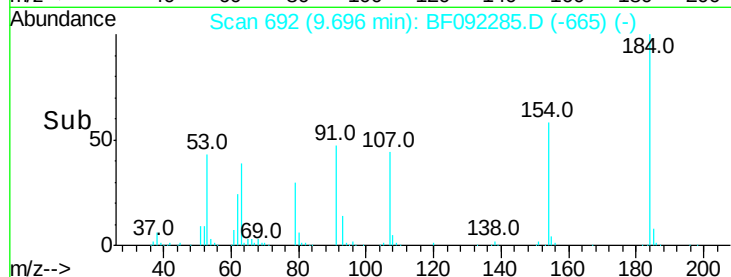
Tot Ion	Ratio	Lower	Upper
184	100		
63	60.6	28.4	42.6#
154	58.2	44.3	66.5

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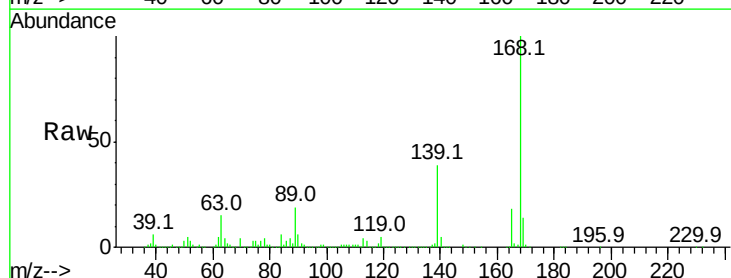


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

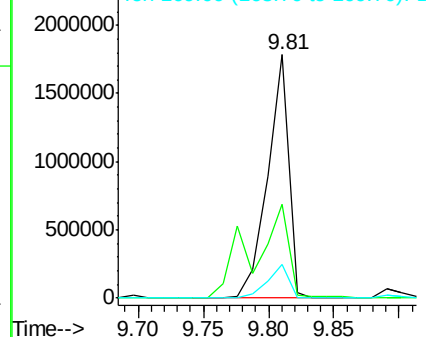
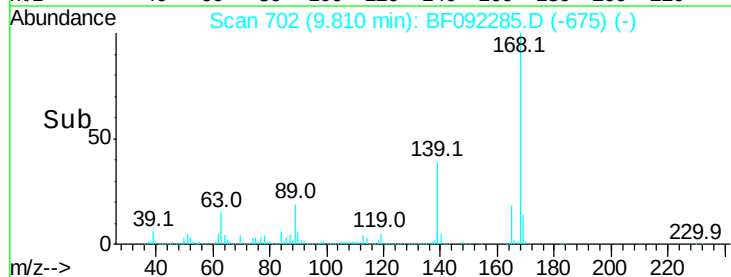


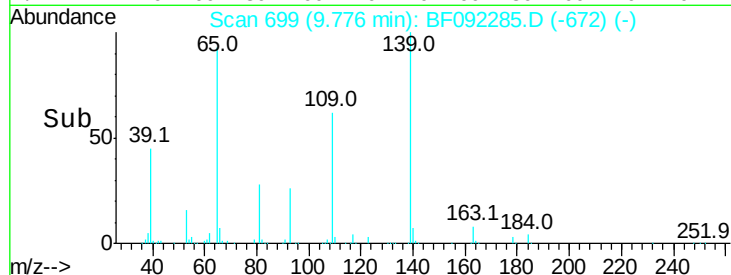
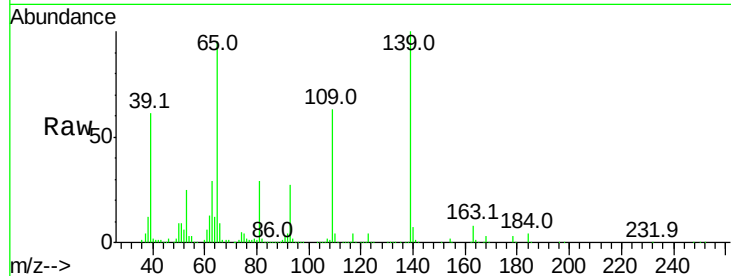
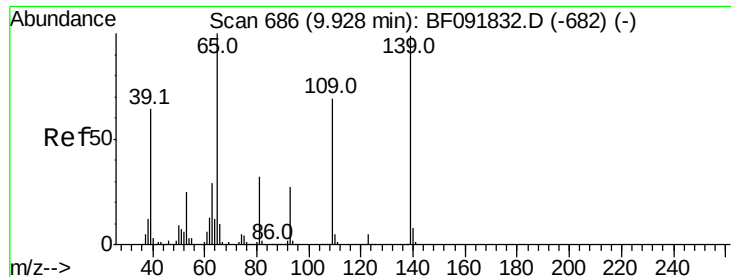
#54
Dibenzofuran
Concen: 43.41 ng
RT: 9.81 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	32.6	49.0
169	13.8	11.3	16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





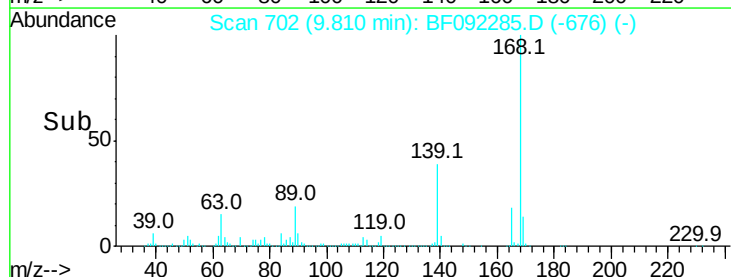
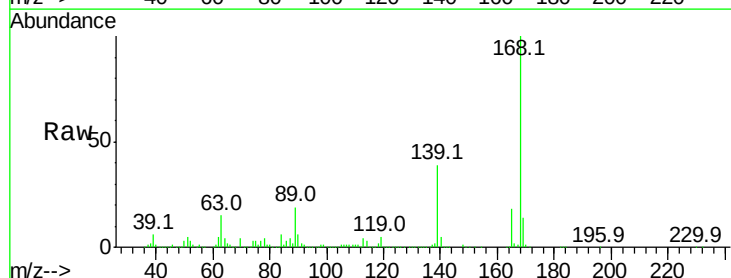
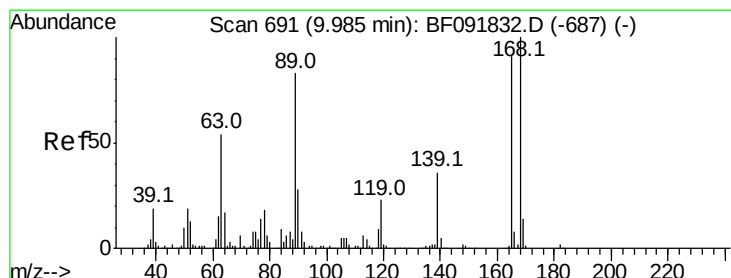
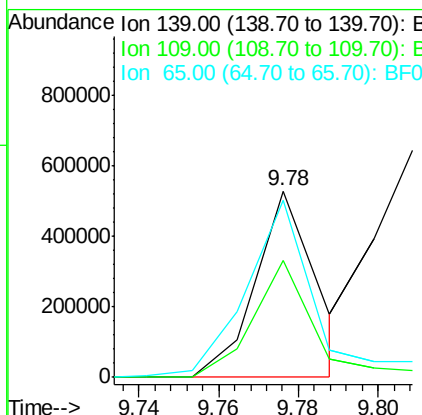
#55
4-Nitrophenol
Concen: 77.82 ng/ml
RT: 9.78 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tot Ion	Ratio	Resp	Lower	Upper
139	100	556992		
109	62.8		52.2	92.2
65	94.6		85.8	125.8

Instrument :
BNA_F
ClientSampleId :
PB96012BS

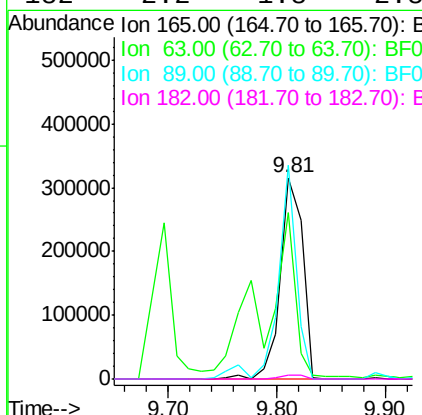
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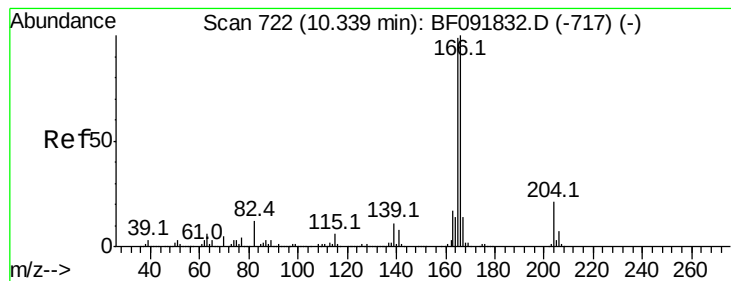
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#56
2,4-Dinitrotoluene
Concen: 42.39 ng/ml
RT: 9.81 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	453192		
63	82.8		40.2	60.4#
89	106.2		62.5	93.7#
182	2.2		1.8	2.8





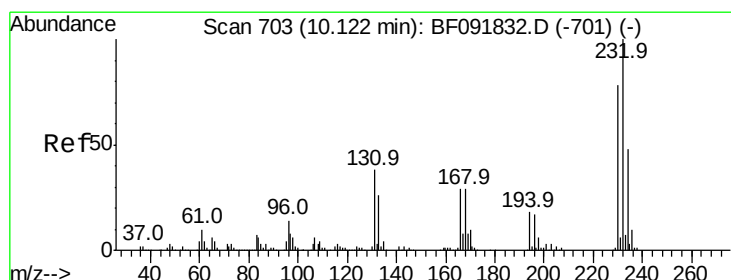
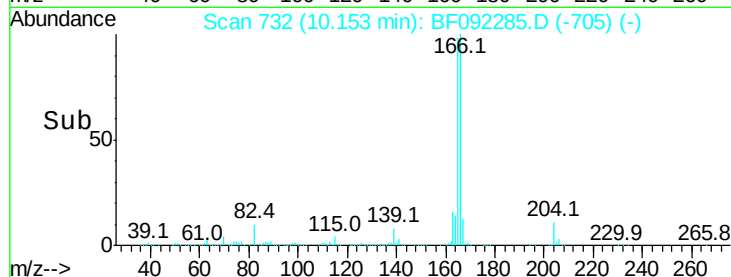
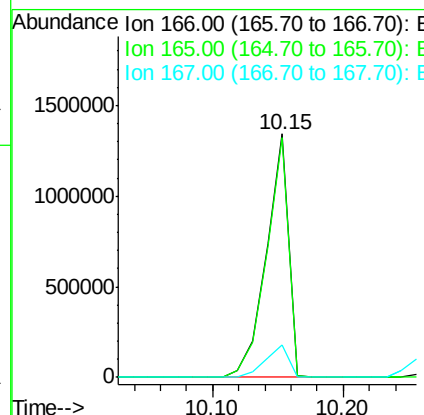
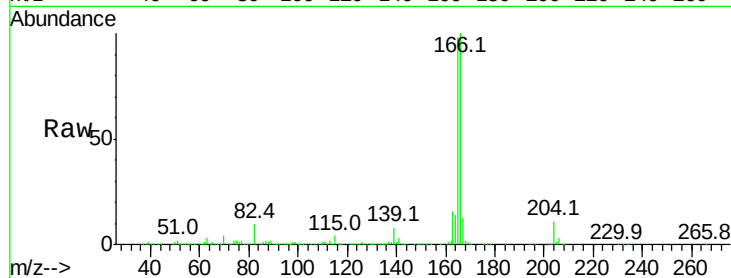
#57
 Fluorene
 Concen: 47.15 ng
 RT: 10.15 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	13.4	10.8	16.2

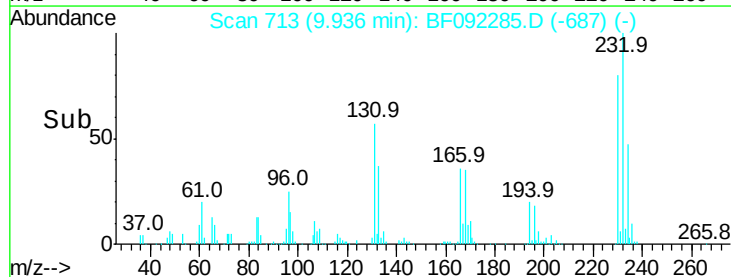
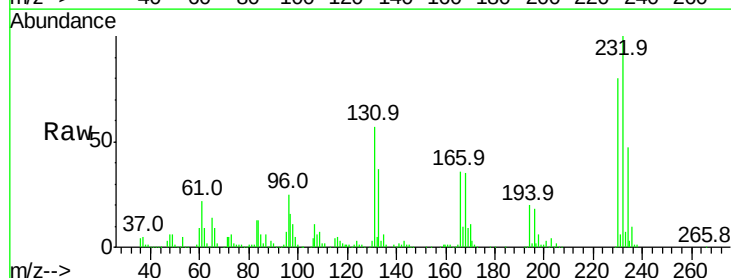
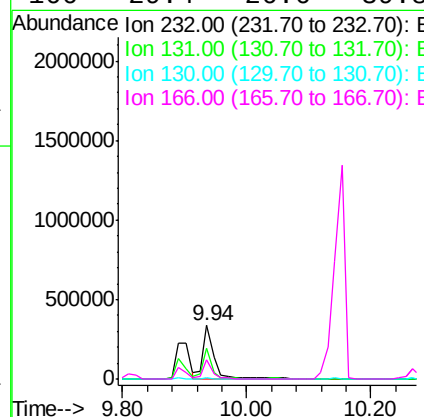
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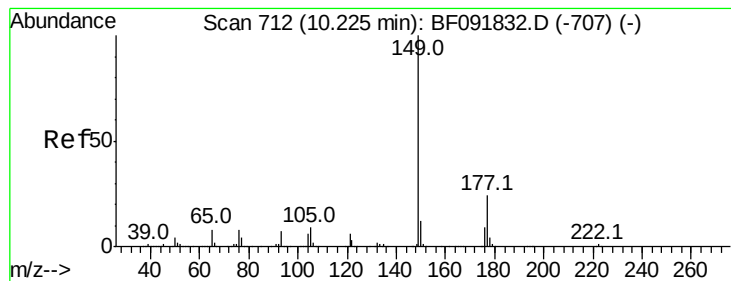
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.89 ng
 RT: 9.94 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.3	40.1	60.1
130	2.3	1.8	2.8
166	29.4	26.6	39.8





#59

Diethylphthalate

Concen: 45.02 ng

RT: 10.04 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

Tot Ion:149 Resp: 1701480

Ion Ratio Lower Upper

149 100

177 21.2 16.6 25.0

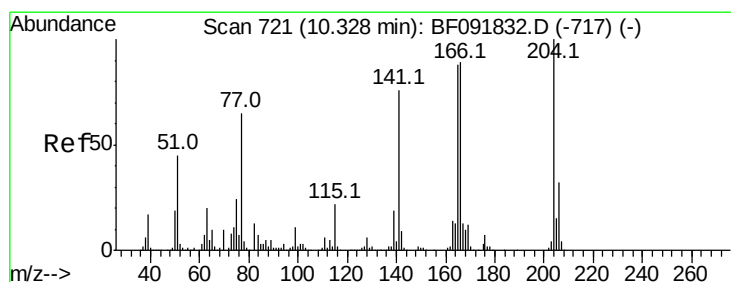
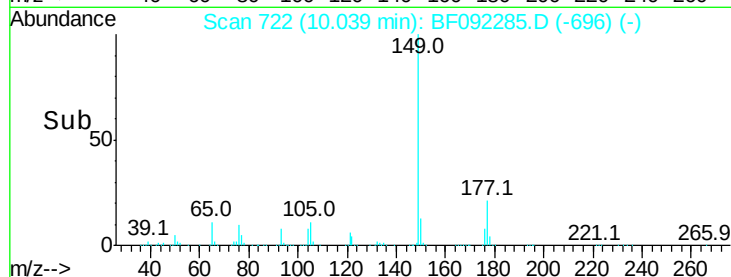
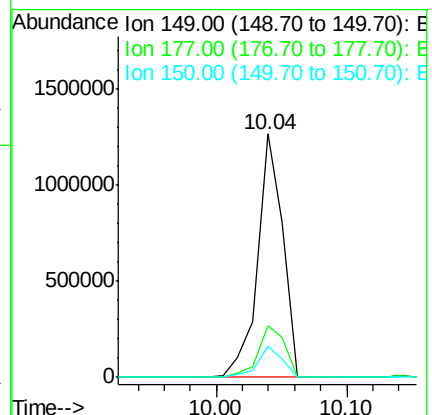
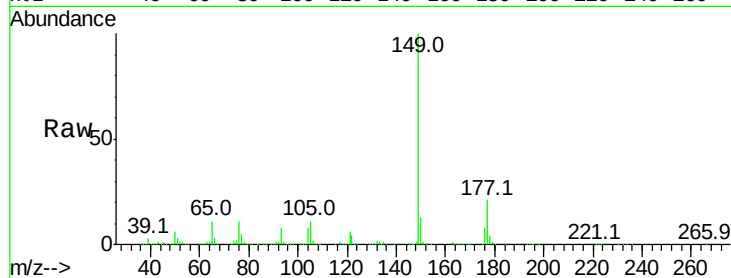
150 13.0 10.4 15.6

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#60

4-Chlorophenyl-phenylether

Concen: 41.01 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

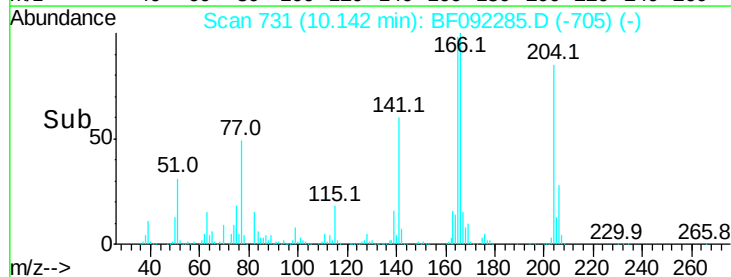
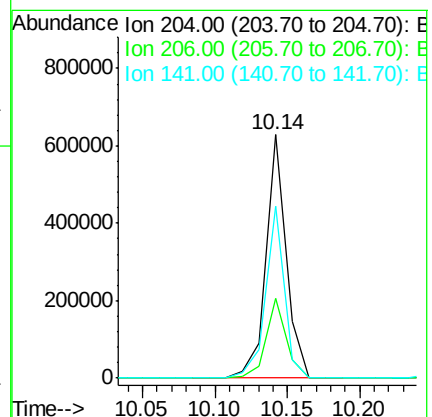
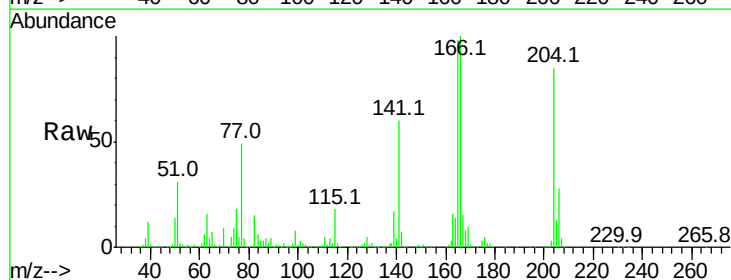
Tgt Ion:204 Resp: 606990

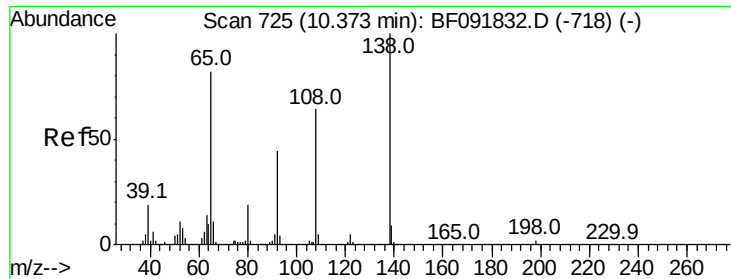
Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

141 70.6 59.4 89.0





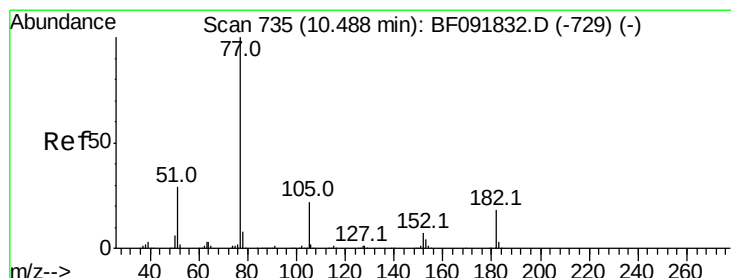
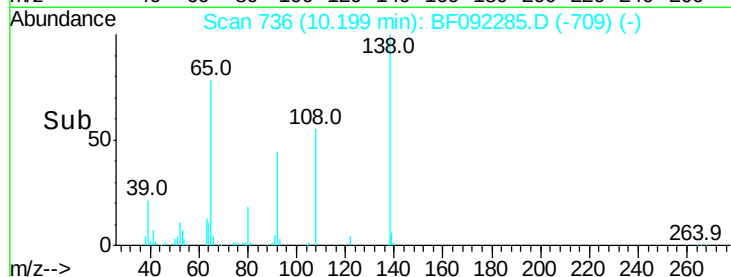
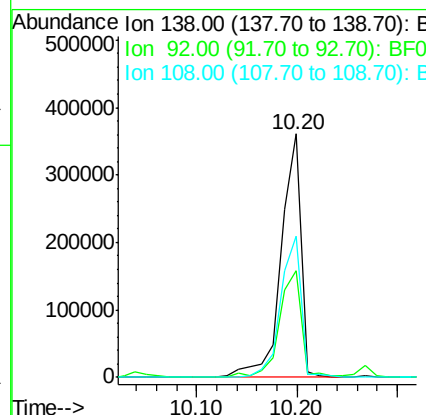
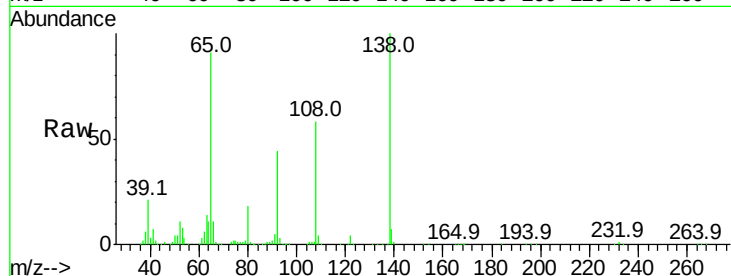
#61
4-Nitroaniline
Concen: 45.38 ng
RT: 10.20 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.8	31.7	71.7
108	58.1	52.6	92.6

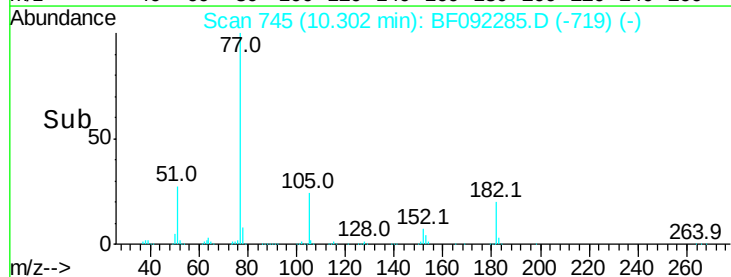
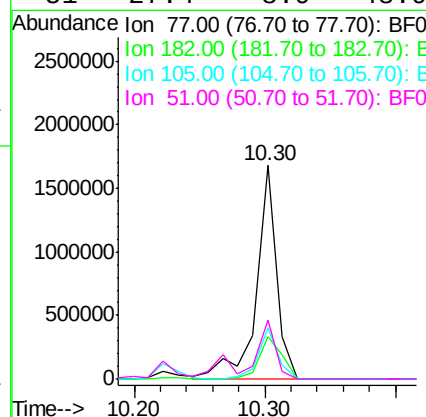
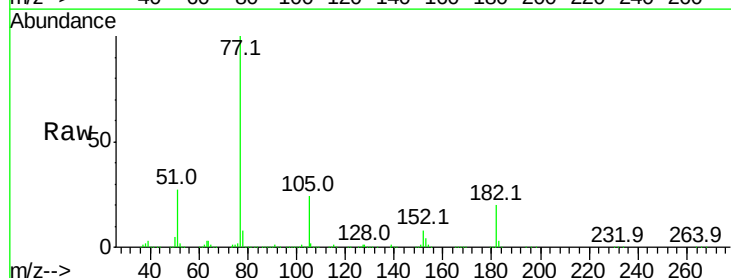
Manual Integrations
APPROVED

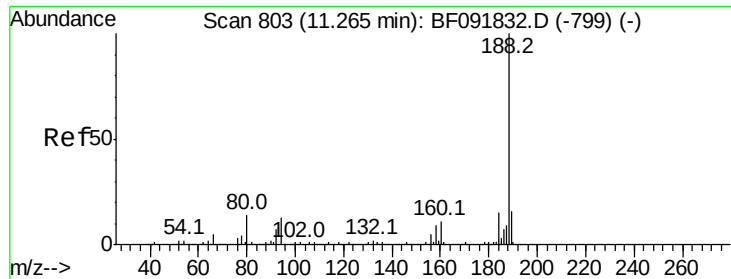
mohammad
1/17/2017 4:57:59 PM



#62
Azobenzene
Concen: 43.95 ng
RT: 10.30 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.7	0.0	39.3
105	24.1	2.3	42.3
51	27.4	8.9	48.9





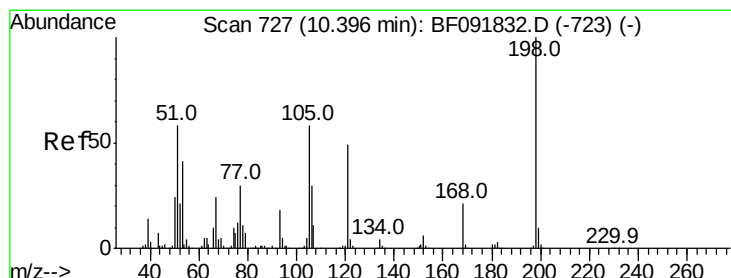
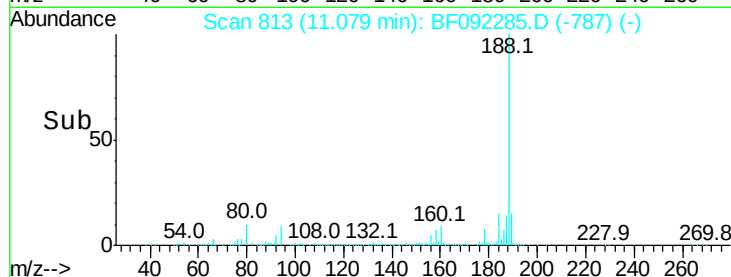
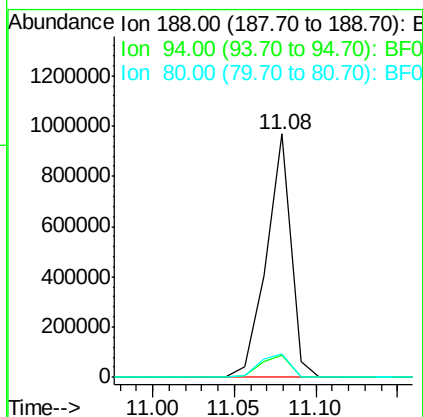
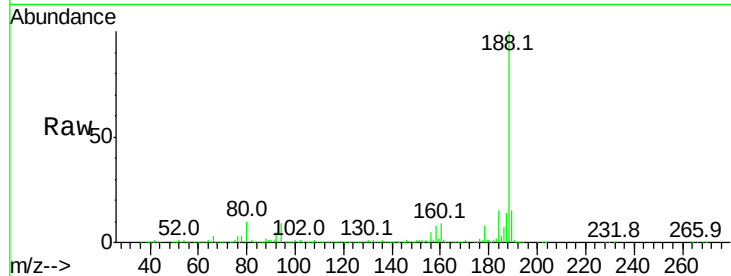
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.0	15.0#
80	9.9	11.2	16.8#

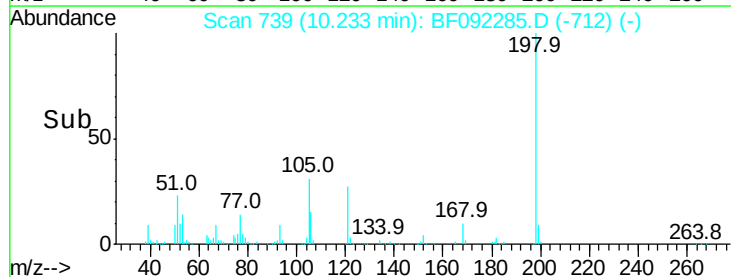
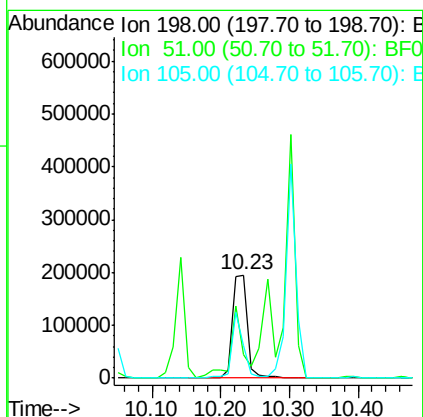
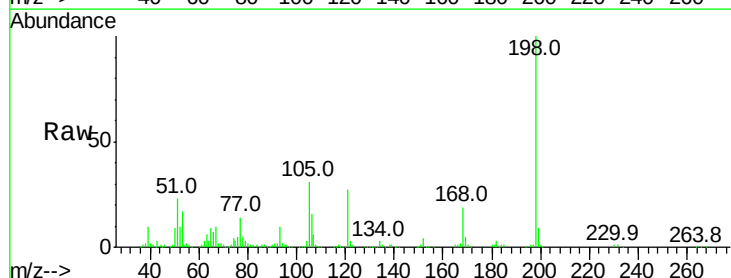
Manual Integrations
APPROVED

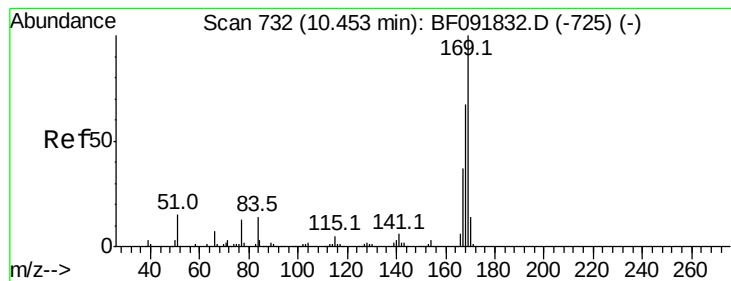
mohammad
1/17/2017 4:57:59 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 49.85 ng
RT: 10.23 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
198	100		
51	22.7	6.7	46.7
105	30.8	16.6	56.6





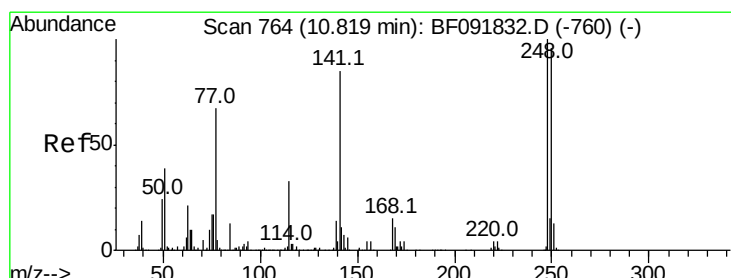
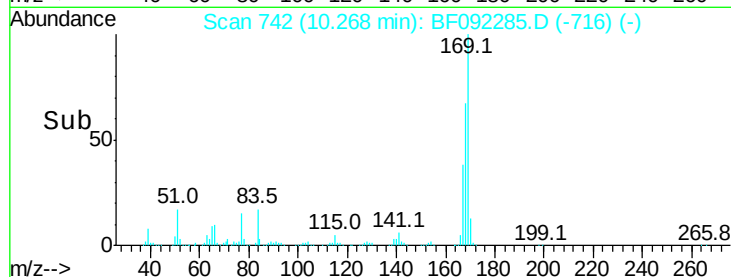
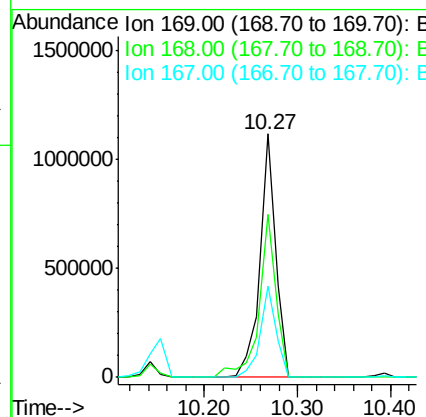
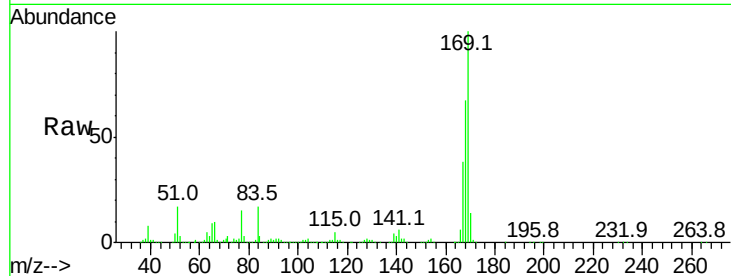
#65
n-Nitrosodiphenylamine
Concen: 43.93 ng
RT: 10.27 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampled :
PB96012BS

Tot Ion:169 Resp: 1322119
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.2
167 37.6 30.2 45.4

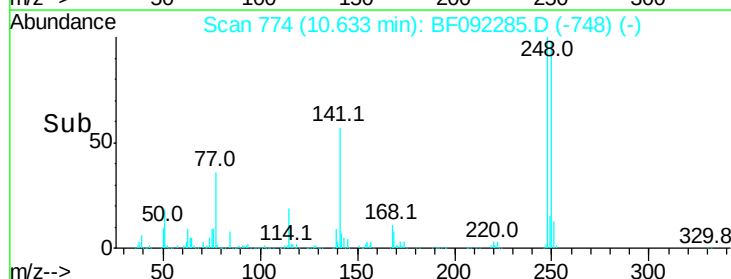
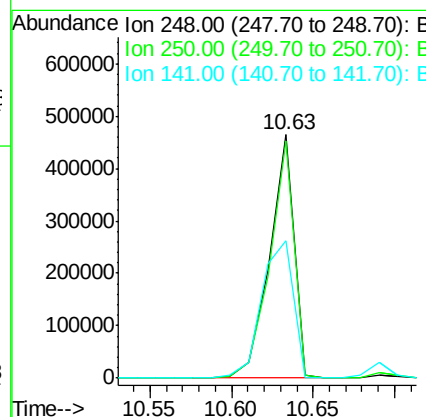
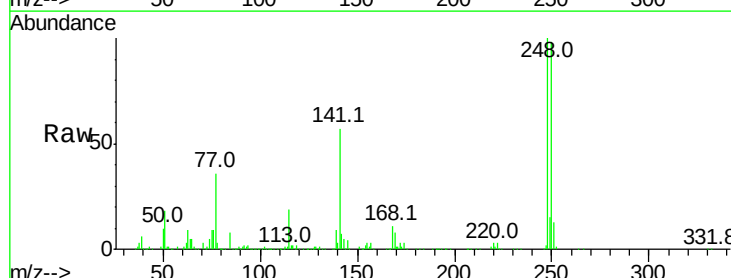
Manual Integrations
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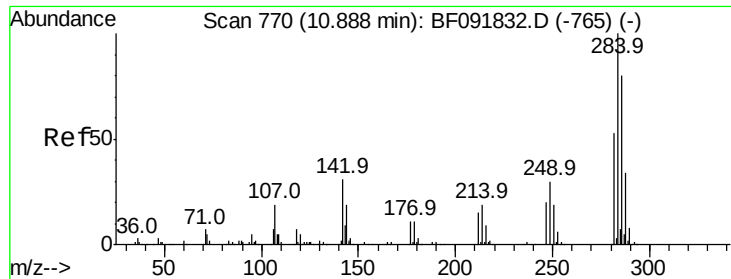
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#66
4-Bromophenyl-phenylether
Concen: 46.27 ng
RT: 10.63 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:248 Resp: 488220
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 56.7 68.2 102.4#





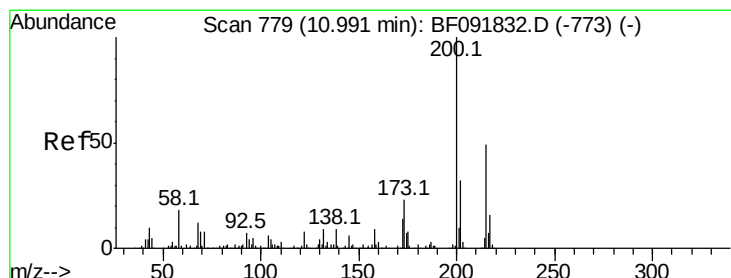
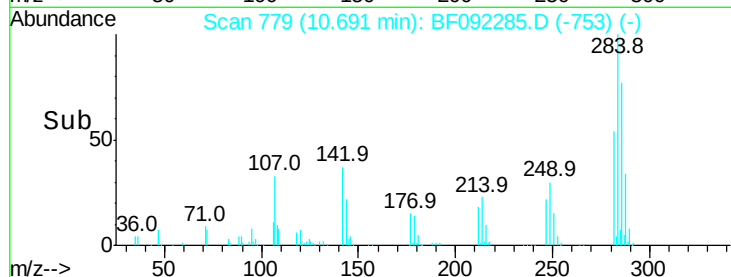
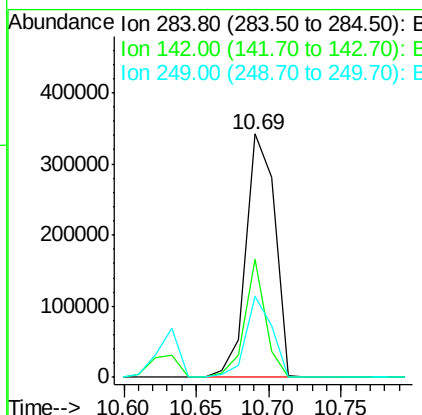
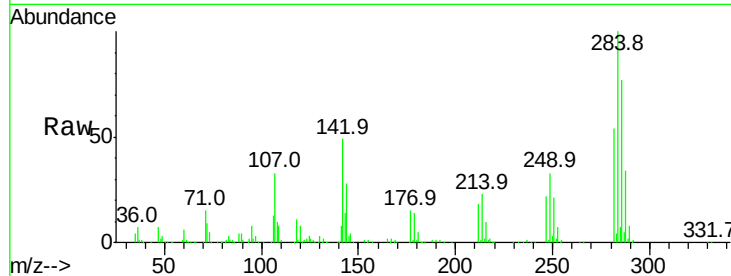
#67
Hexachlorobenzene
Concen: 41.81 ng
RT: 10.69 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	471515		
142	48.8	22.6	33.8#	
249	33.3	25.4	38.0	

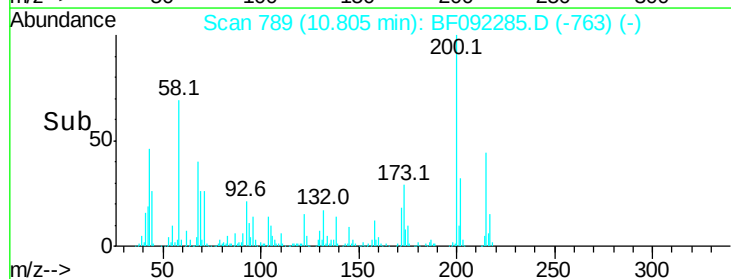
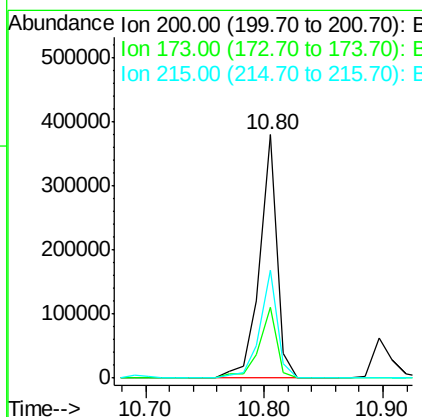
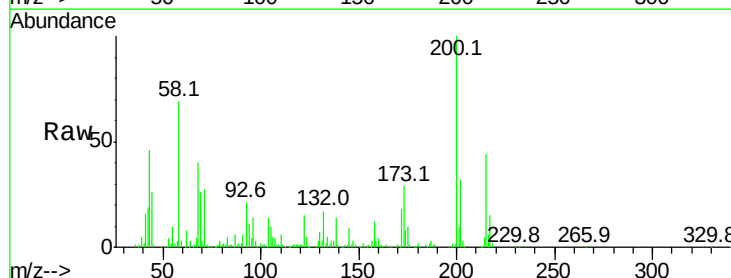
Manual Integrations
APPROVED

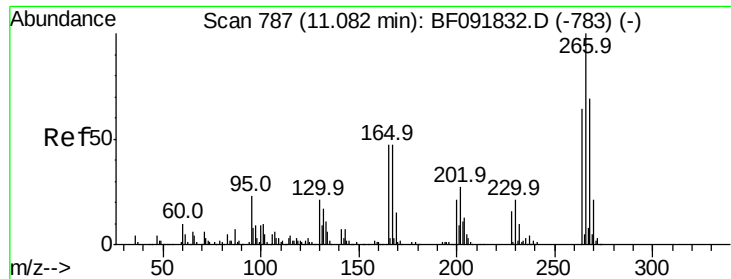
mohammad
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#68
Atrazine
Concen: 40.41 ng
RT: 10.80 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	392370		
173	29.0	9.6	49.6	
215	44.4	25.7	65.7	





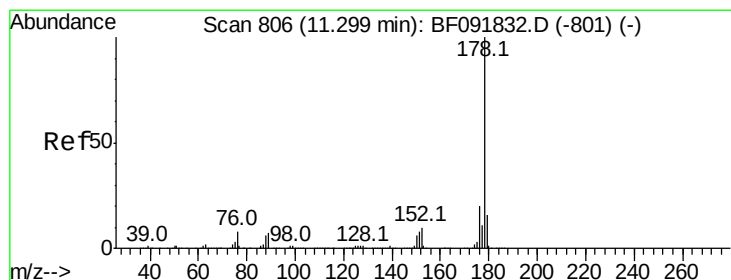
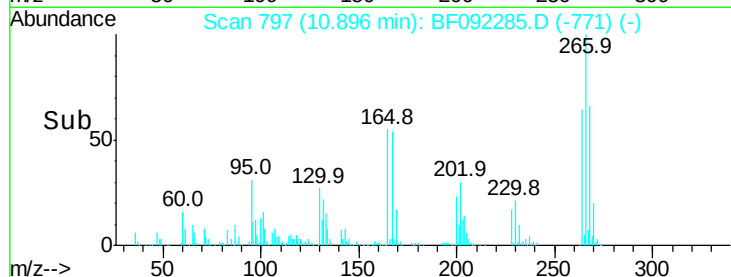
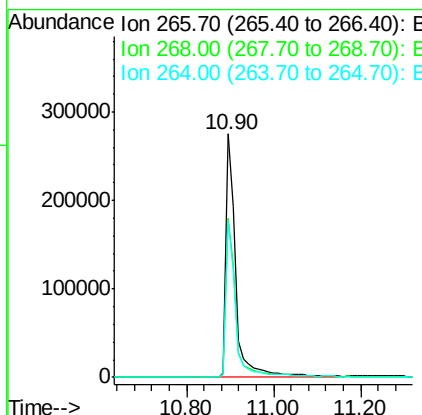
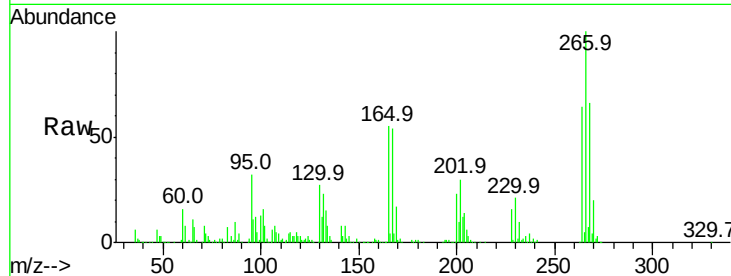
#69
 Pentachlorophenol
 Concen: 76.73 ng
 RT: 10.90 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	424627		
268	65.6	53.3	79.9	
264	64.1	50.3	75.5	

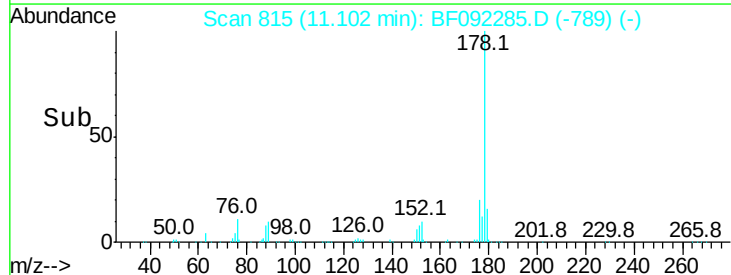
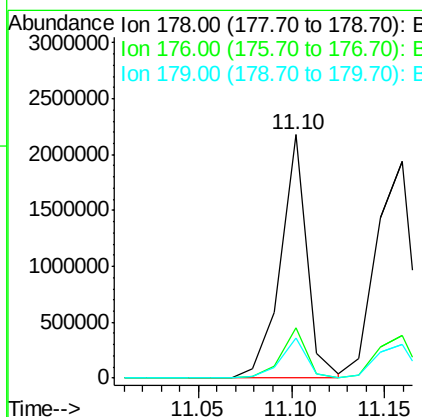
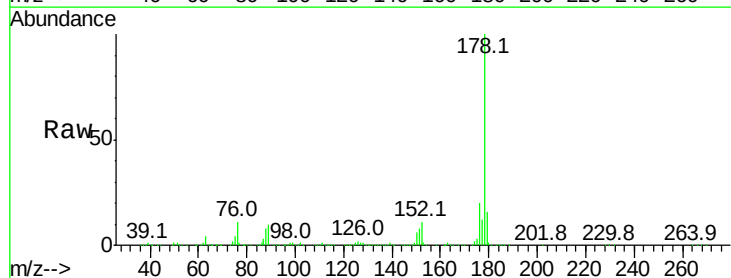
Manual Integrations
 APPROVED

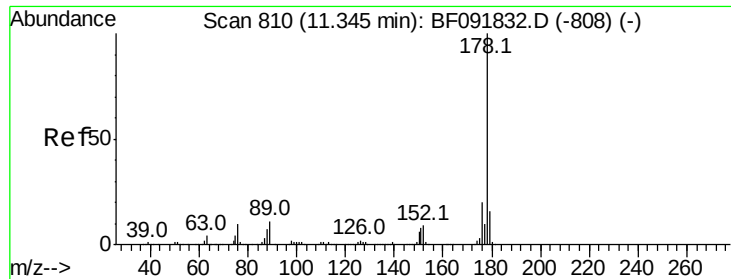
mohammad
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#70
 Phenanthrene
 Concen: 38.80 ng
 RT: 11.10 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2134015		
176	20.5	16.6	25.0	
179	16.4	12.8	19.2	





#71
 Anthracene
 Concen: 54.04 ng
 RT: 11.16 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

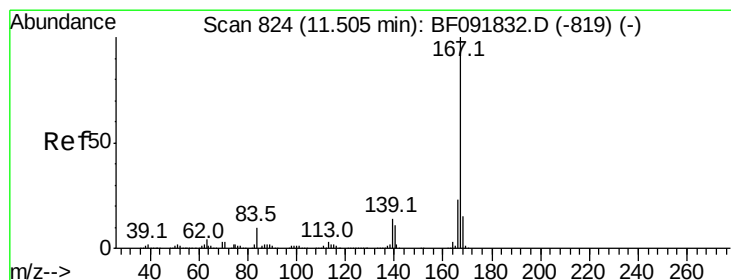
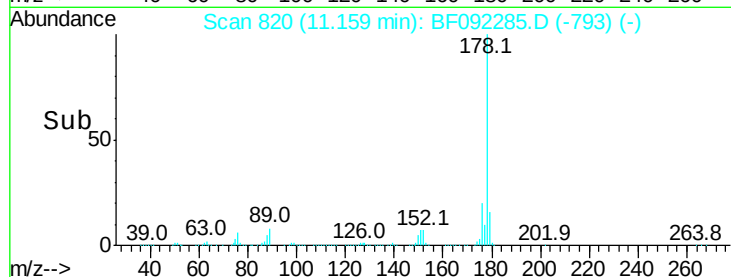
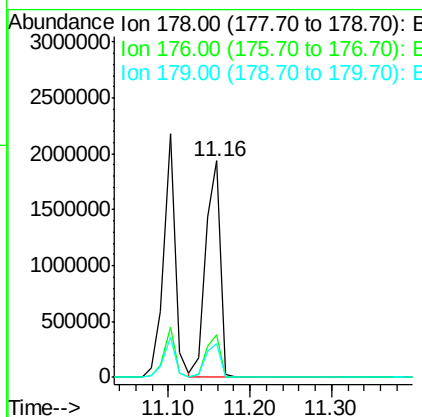
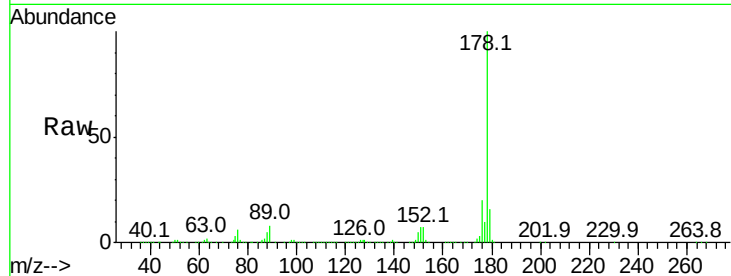
Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion:178 Resp: 2455043

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.8	13.2	19.8

Manual Integrations
 APPROVED

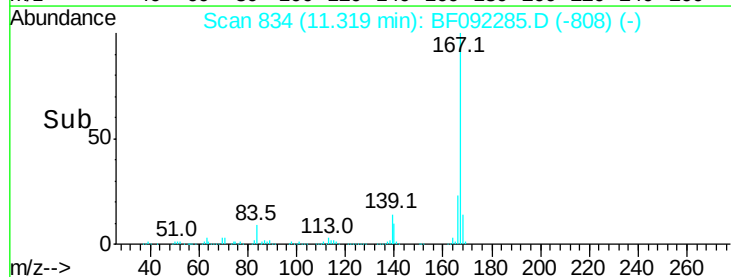
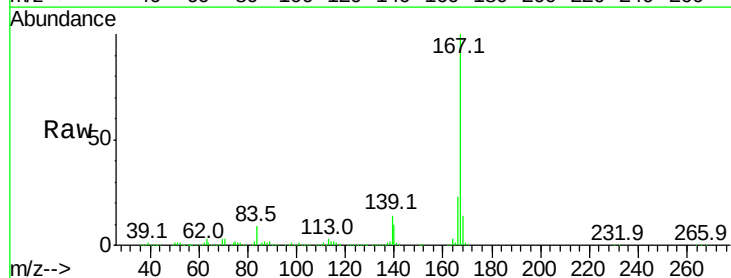
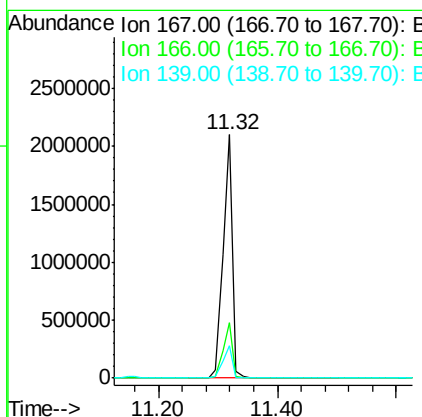
mohammad
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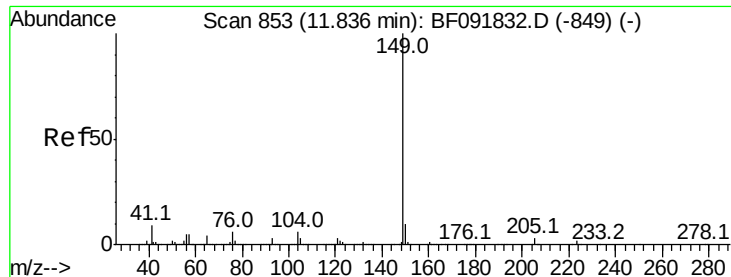


#72
 Carbazole
 Concen: 57.47 ng
 RT: 11.32 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion:167 Resp: 2280953

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	13.5	11.4	17.2





#73

Di-n-butylphthalate

Concen: 47.69 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

Tot Ion:149 Resp: 2472380

Ion Ratio Lower Upper

149 100

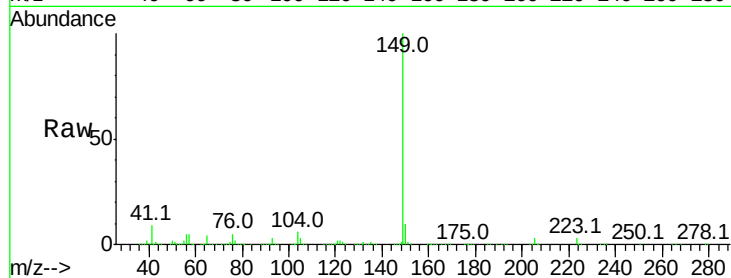
150 10.1 8.1 12.1

104 5.6 4.6 7.0

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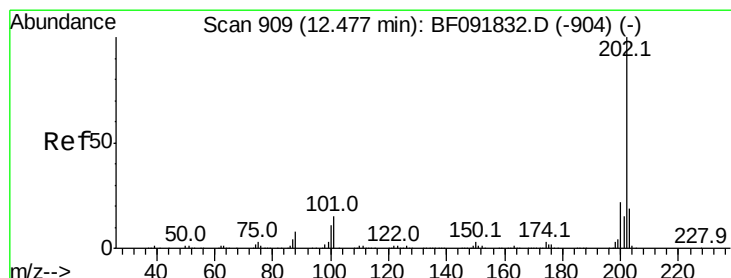
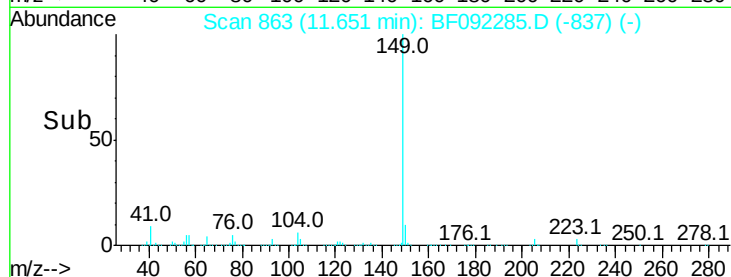
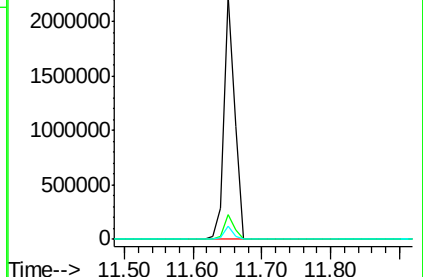
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.14 ng

RT: 12.28 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

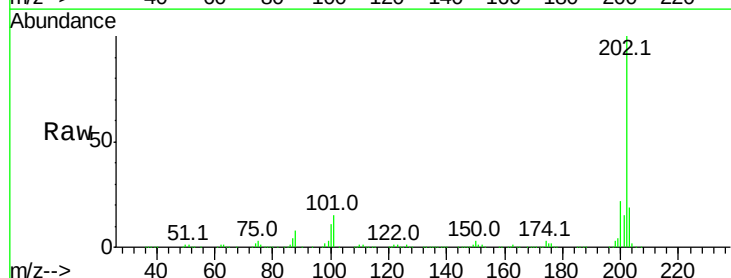
Tgt Ion:202 Resp: 2133503

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.6

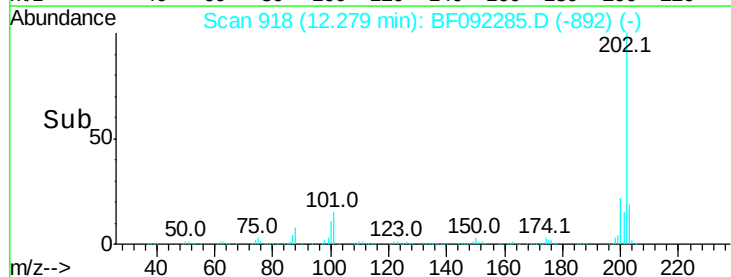
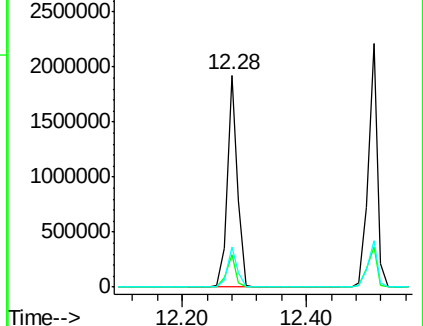
203 18.9 0.0 38.7

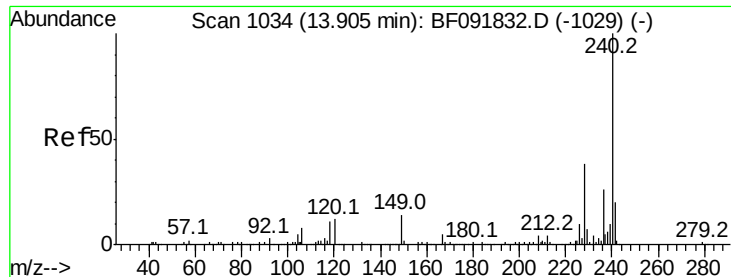


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

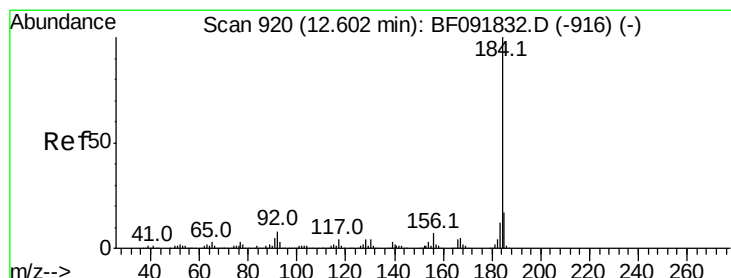
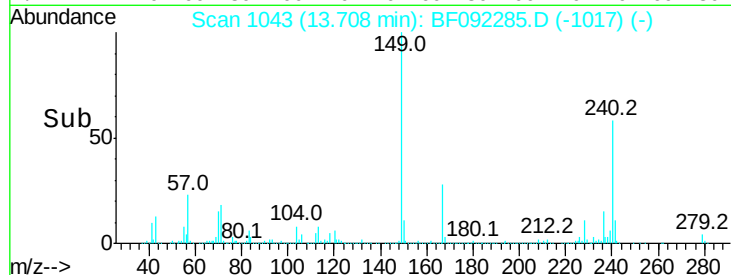
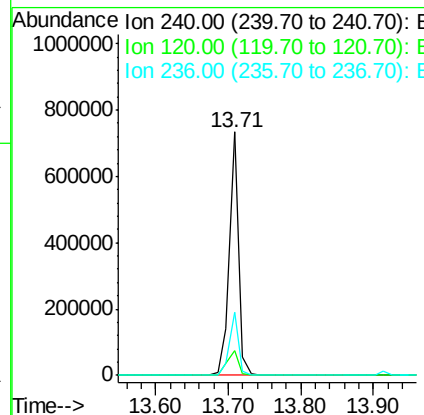
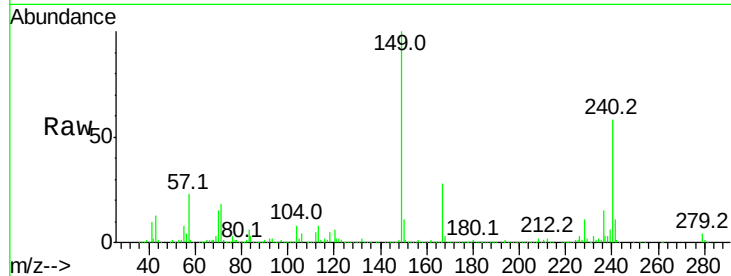
ClientSampleId :

PB96012BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	649898		
120	10.1	12.9	19.3	
236	25.8	20.9	31.3	

Manual Integrations
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#76

Benzidine

Concen: 54.66 ng

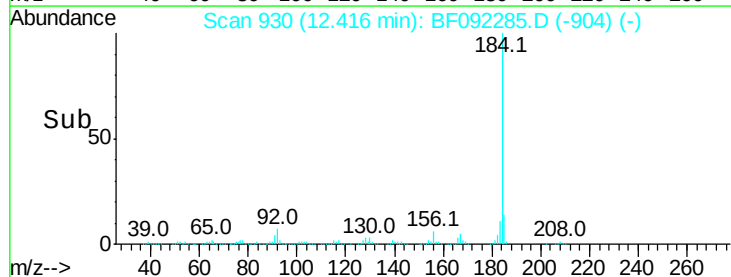
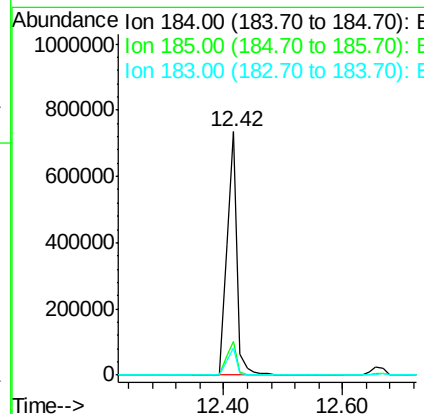
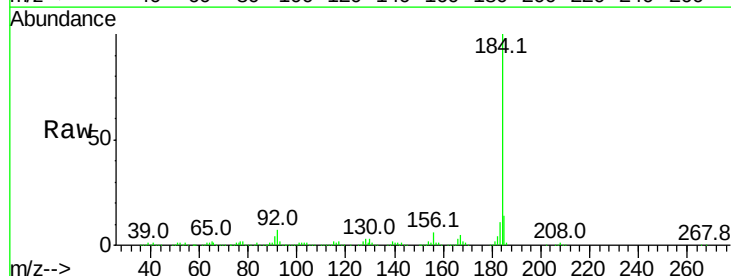
RT: 12.42 min Scan# 930

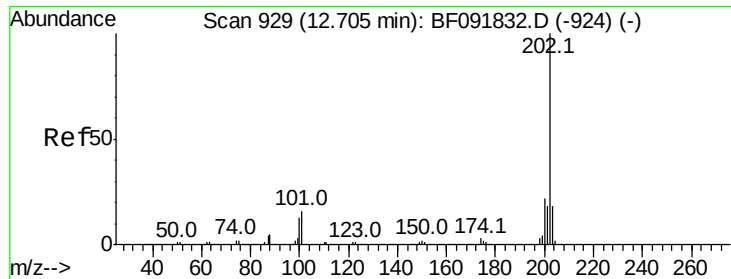
Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	861423		
185	14.1	13.4	20.0	
183	11.2	9.2	13.8	





#77

Pvrene

Concen: 46.06 ng

RT: 12.51 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

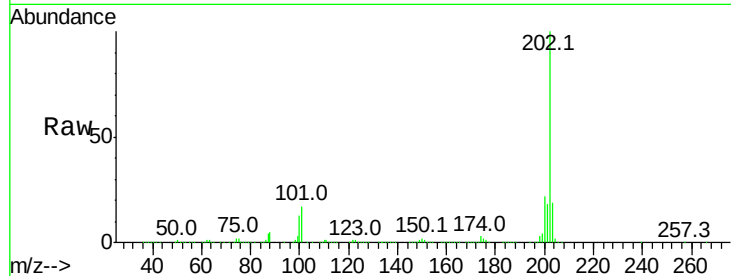
ClientSampled :

PB96012BS

Tot Ion:202	Resp: 2196201
Ion Ratio	Lower Upper
202 100	
200 22.4	17.7 26.5
203 19.0	14.7 22.1

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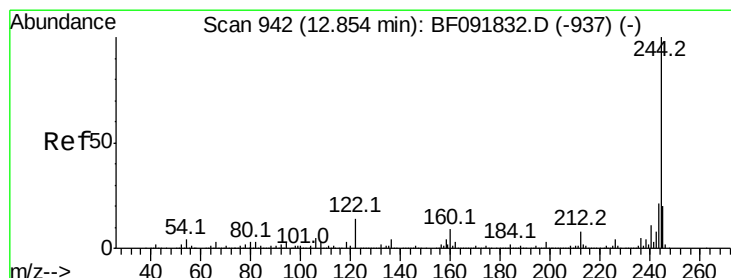
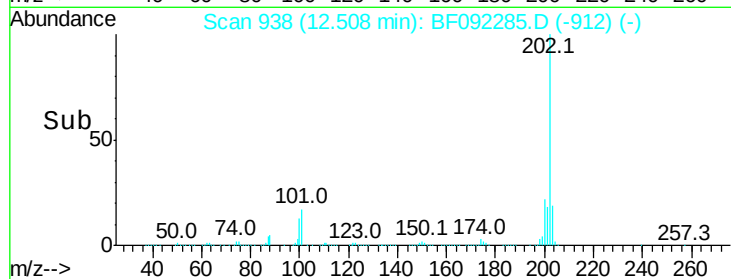
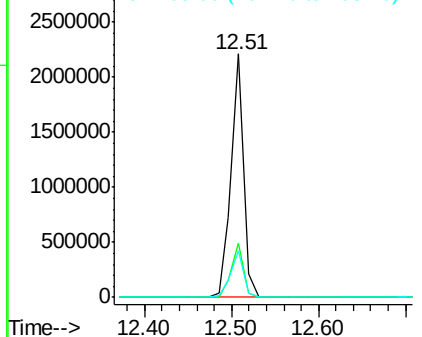
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 98.09 ng

RT: 12.67 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF092285.D

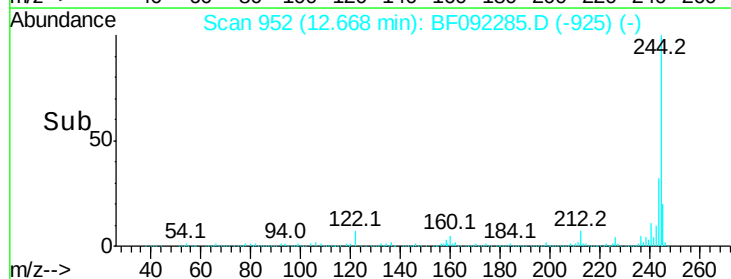
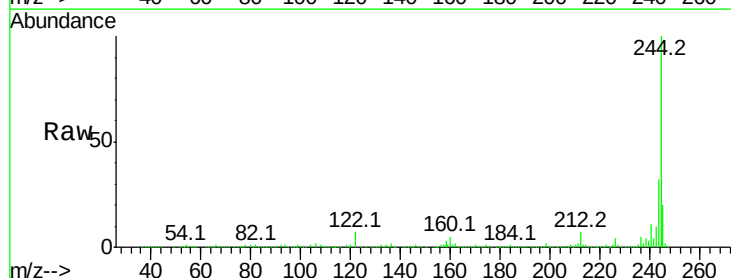
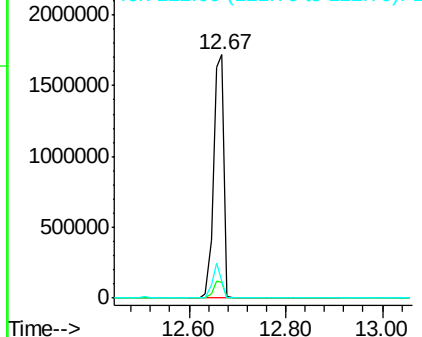
Acq: 16 Jan 2017 15:18

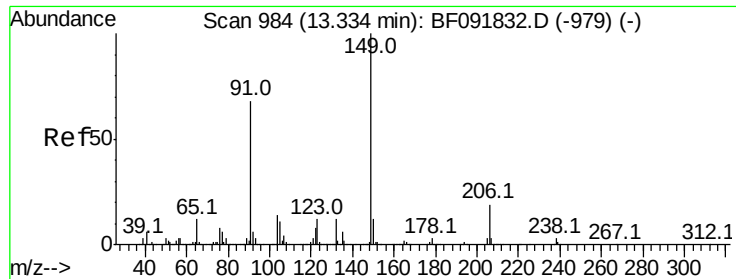
Tgt	Ion:244	Resp:	2628496
Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.2	9.2
122	6.7	11.4	17.2#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.06 ng

RT: 13.14 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

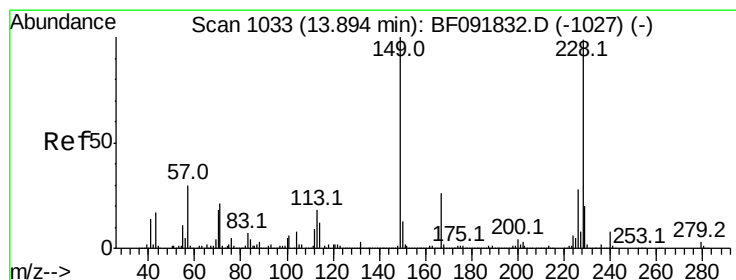
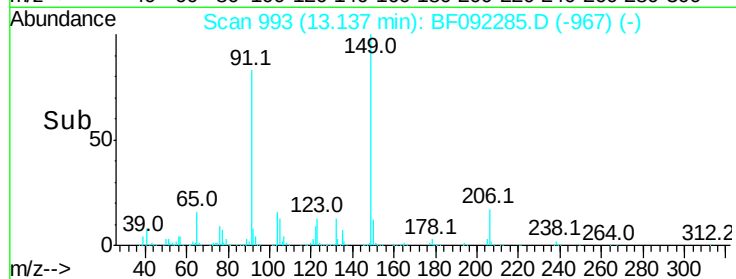
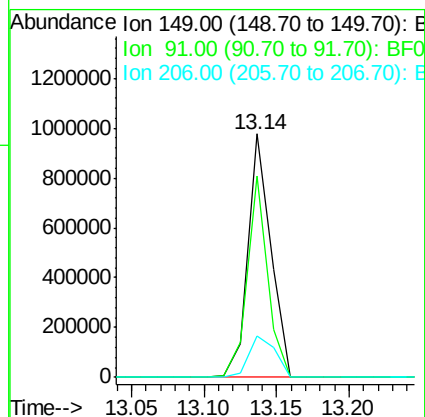
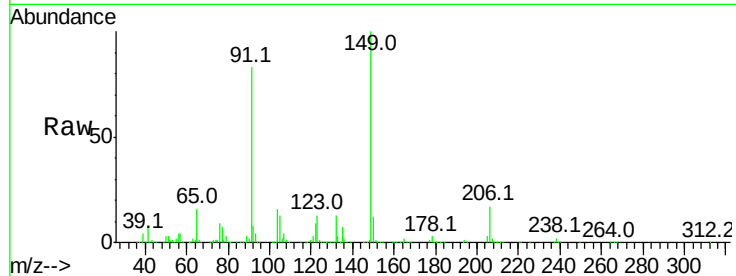
ClientSampleId :

PB96012BS

Tot Ion:	149	Resp:	1063968
Ion	Ratio	Lower	Upper
149	100		
91	82.5	63.9	95.9
206	17.2	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 49.52 ng

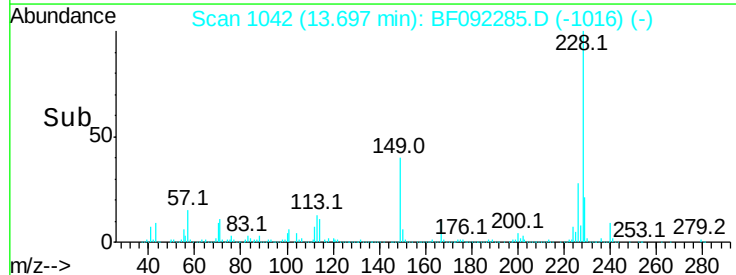
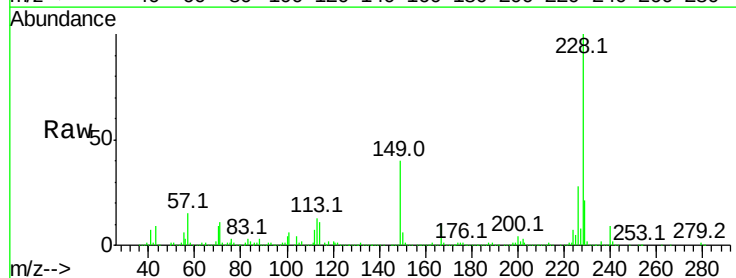
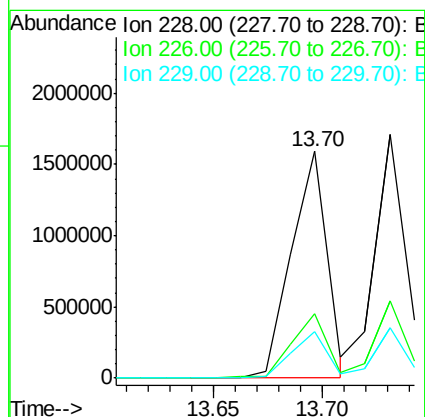
RT: 13.70 min Scan# 1042

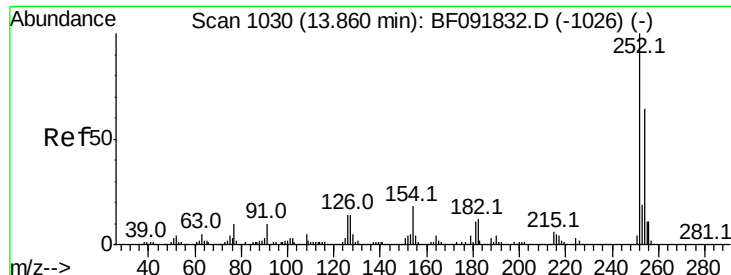
Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Tgt Ion:	228	Resp:	1816699
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.6	16.2	24.4





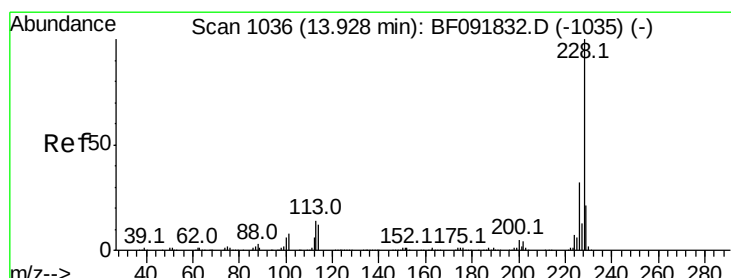
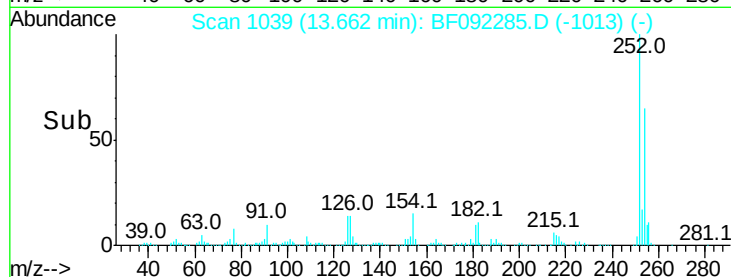
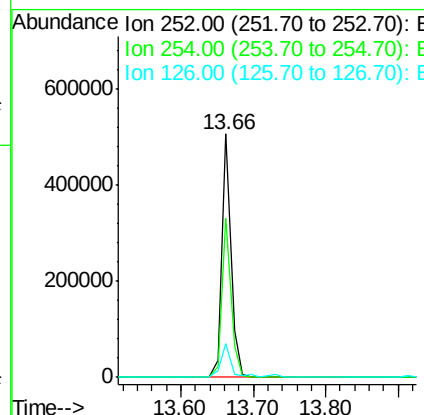
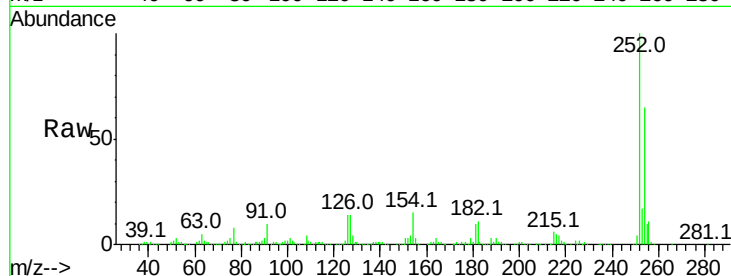
#81
 3,3'-Dichlorobenzidine
 Concen: 31.98 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.3	78.5
126	14.0	13.6	20.4

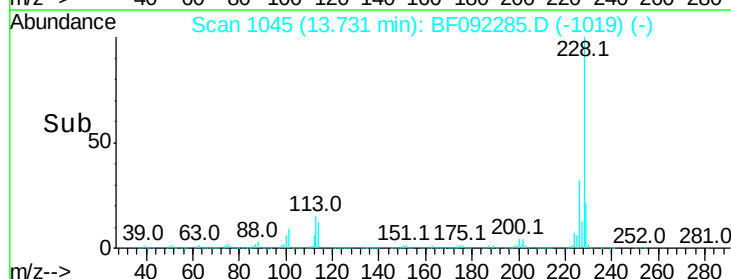
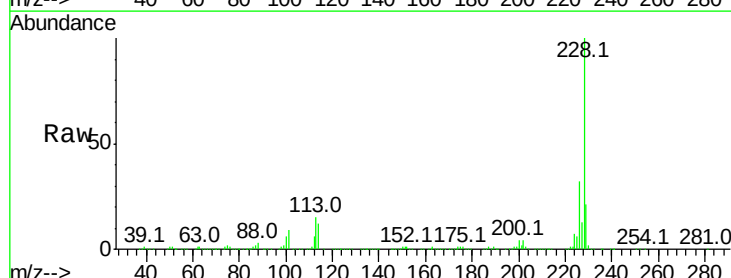
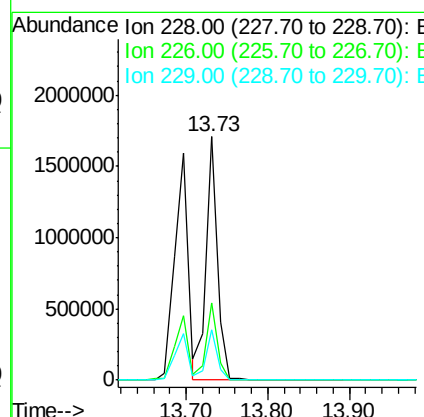
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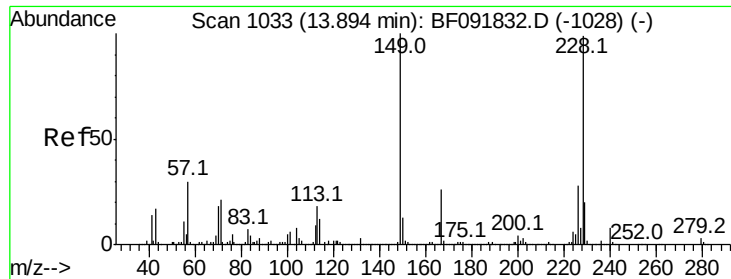
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#82
 Chrysene
 Concen: 46.24 ng
 RT: 13.73 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	20.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.80 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

Tot Ion:149 Resp: 1348587

Ion Ratio Lower Upper

149 100

167 28.0 20.2 30.4

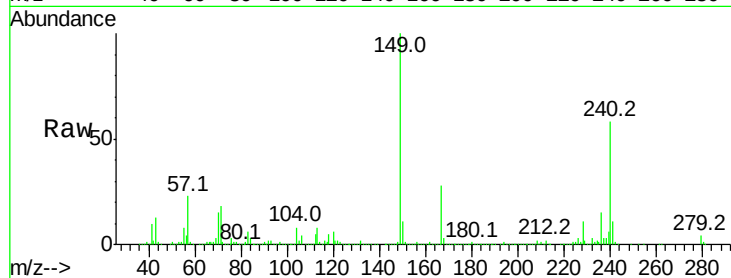
279 3.5 1.8 2.8#

Manual Integrations

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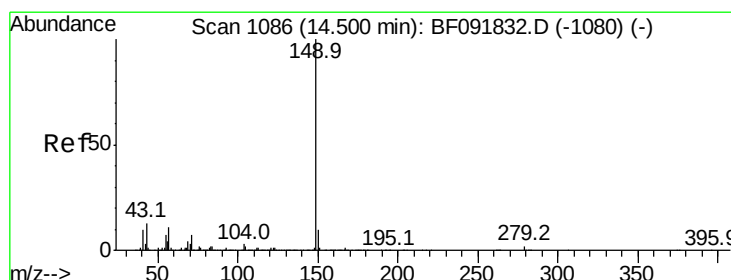
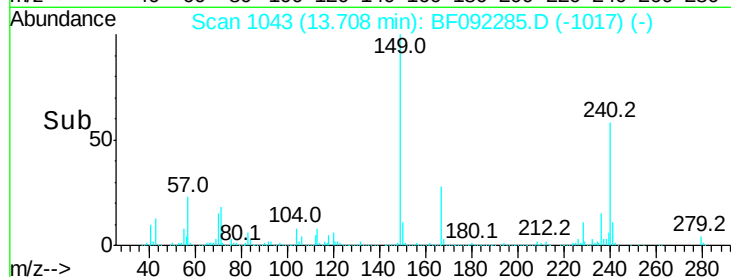
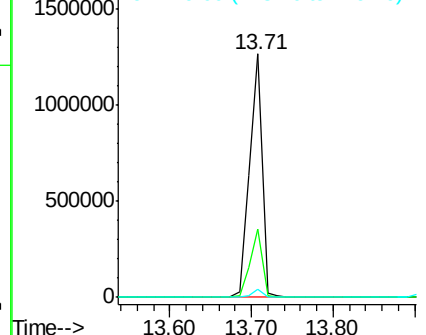
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.93 ng

RT: 14.31 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

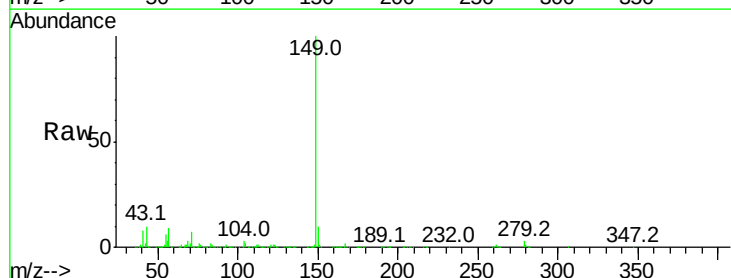
Tgt Ion:149 Resp: 2503972

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

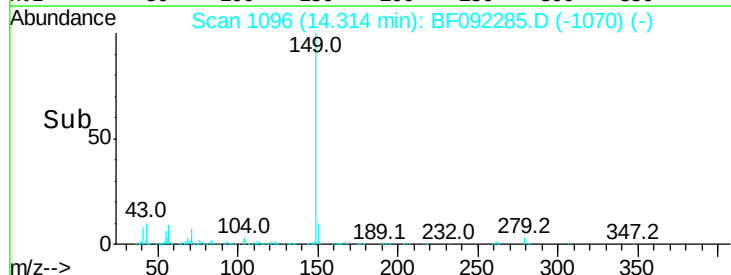
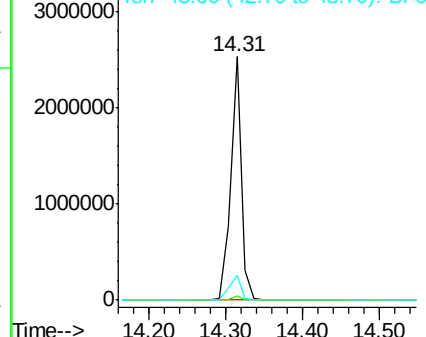
43 11.0 8.9 13.3

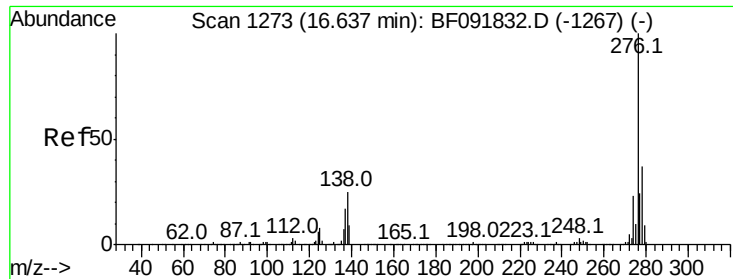


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





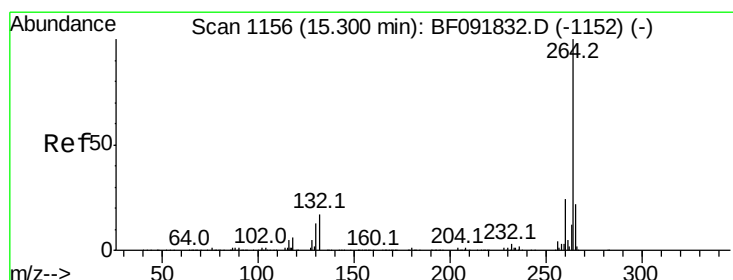
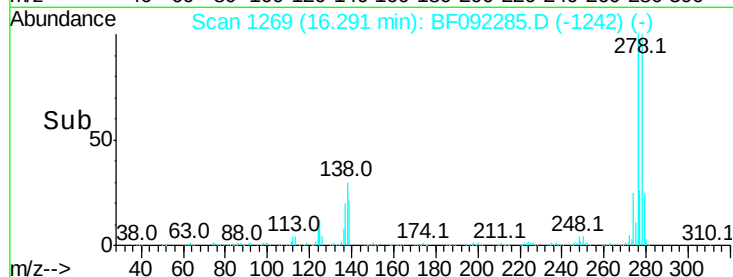
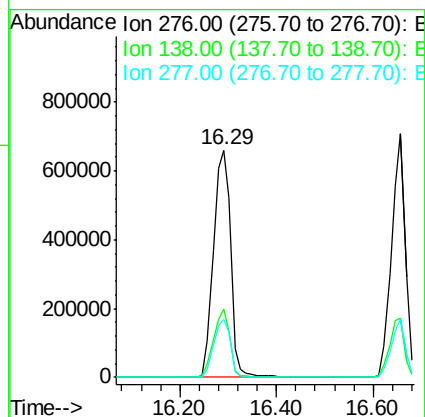
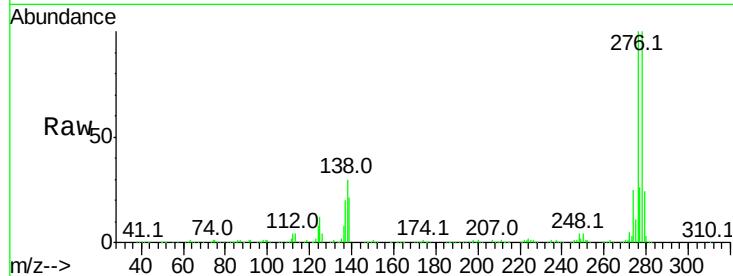
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.37 ng
RT: 16.29 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion:276 Resp: 1669372
Ion Ratio Lower Upper
276 100
138 28.7 21.8 32.6
277 25.1 20.2 30.4

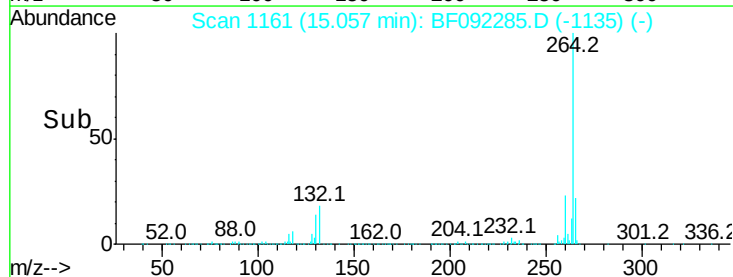
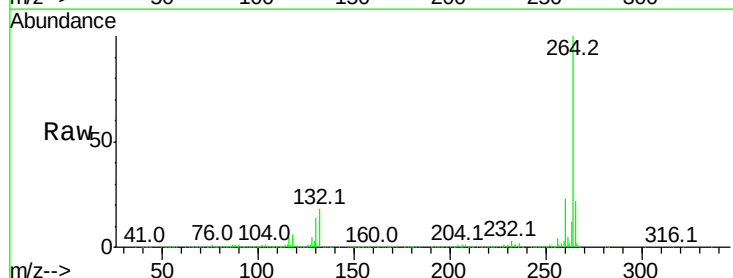
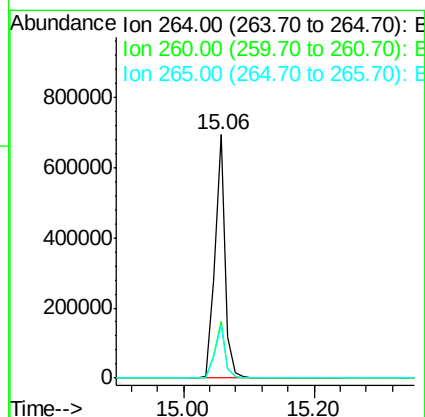
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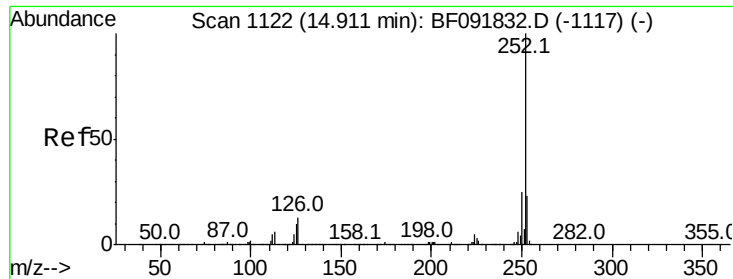
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:264 Resp: 772089
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 50.95 ng m

RT: 14.70 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

Tot Ion:252 Resp: 2449302

Ion Ratio Lower Upper

252 100

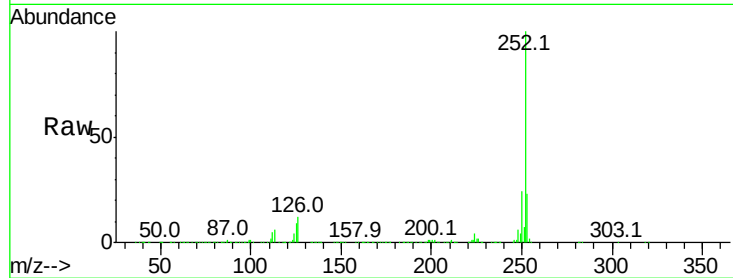
253 23.0 18.2 27.4

125 9.0 9.8 14.6#

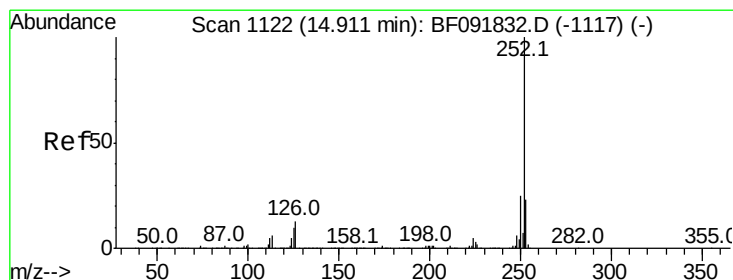
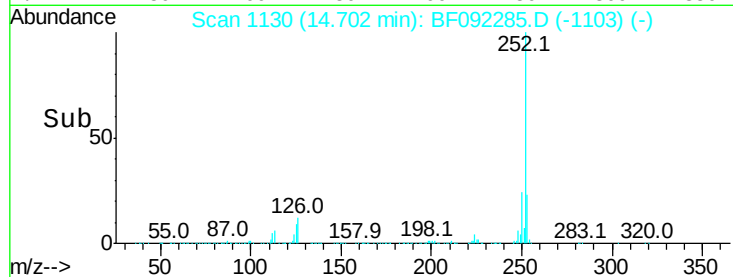
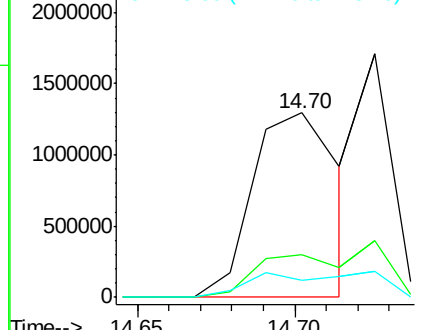
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.15 ng m

RT: 14.73 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Tgt Ion:252 Resp: 1277030

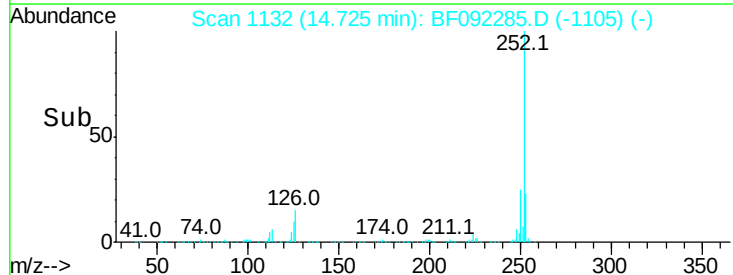
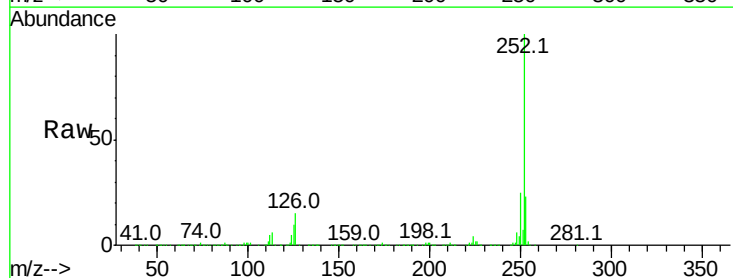
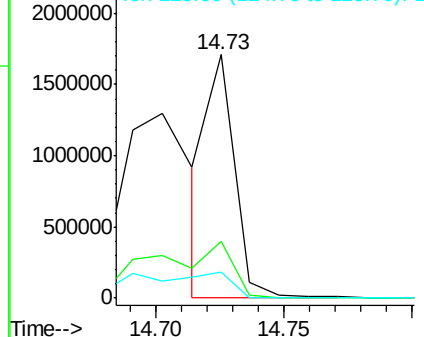
Ion Ratio Lower Upper

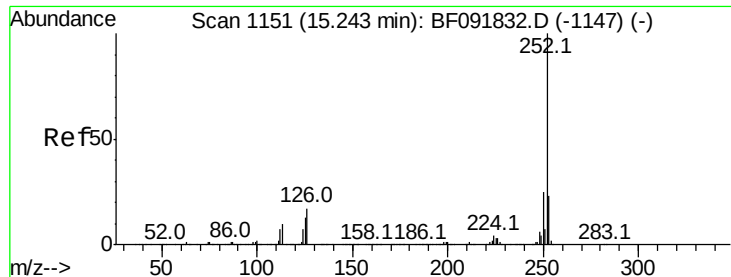
252 100

253 23.1 18.5 27.7

125 10.4 8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





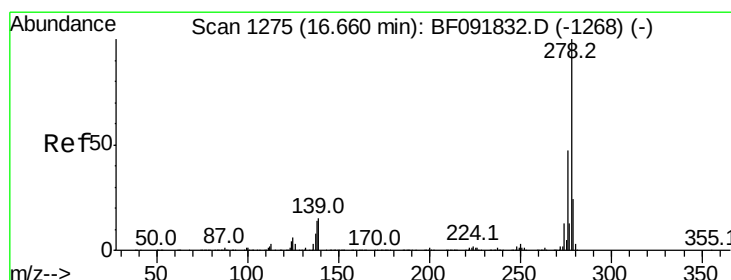
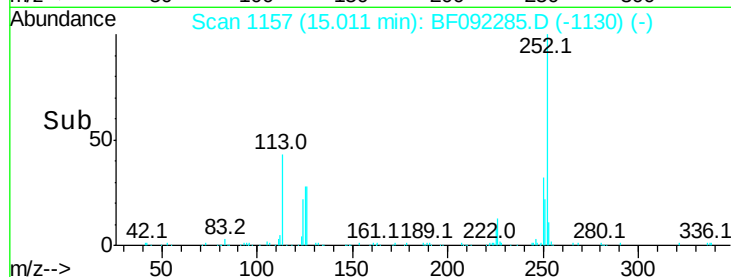
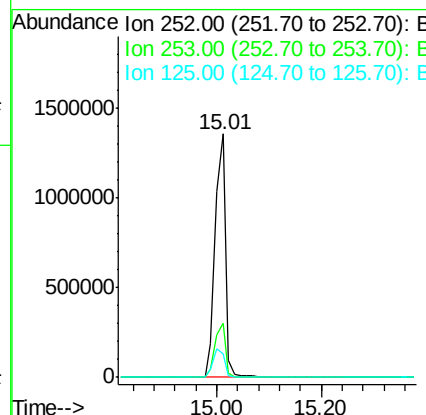
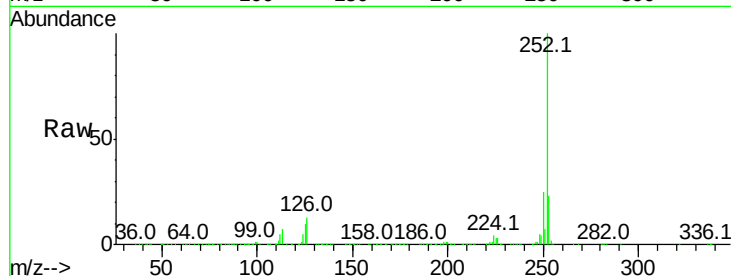
#89
Benzo(a)pyrene
Concen: 43.99 ng
RT: 15.01 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tot Ion:252 Resp: 1876778
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.8 10.0 15.0#

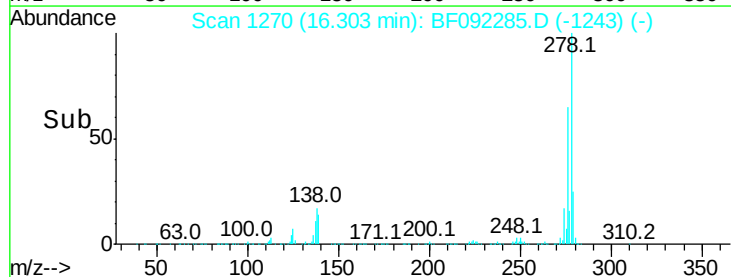
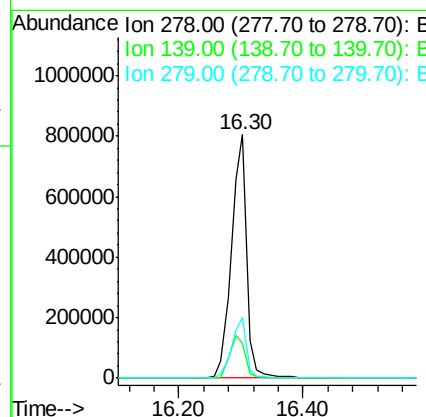
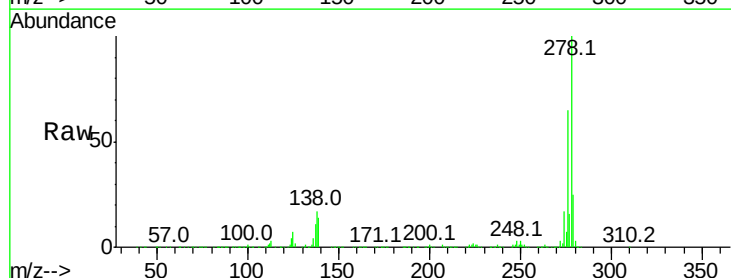
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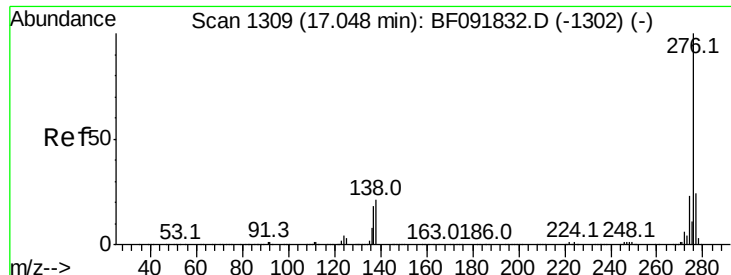
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#90
Dibenzo(a,h)anthracene
Concen: 39.10 ng
RT: 16.30 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:278 Resp: 1371225
Ion Ratio Lower Upper
278 100
139 14.2 14.8 22.2#
279 24.6 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.01 ng
 RT: 16.66 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	24.5	16.0	24.0

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