

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091614.D
 Acq On : 15 Dec 2016 7:09
 Operator : UM/SJ
 Sample : PB95264BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BS

Manual Integrations
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sohil
 12/15/2016 5:41:49 PM

Quant Time: Dec 15 11:41:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	272459	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	1100989	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	513521	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	678482	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	501918	20.00	ng	-0.01
86) Perylene-d12	15.36	264	417556	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1259902	77.91	ng	-0.01
7) Phenol-d6	6.44	99	1651220	81.90	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1870396	94.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	254680	59.71	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2493472	83.90	ng	-0.02
78) Terphenyl-d14	12.90	244	1833823	82.91	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	312639	36.63	ng	87
3) Pyridine	3.12	79	907661	39.91	ng	# 80
4) n-Nitrosodimethylamine	3.07	42	433767	44.40	ng	# 61
6) Aniline	6.45	93	555780	21.03	ng	# 31
8) 2-Chlorophenol	6.58	128	803212	44.00	ng	91
9) Benzaldehyde	6.34	77	170125m	12.26	ng	
10) Phenol	6.45	94	1141688	48.43	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	858448	48.48	ng	88
12) 1,3-Dichlorobenzene	6.74	146	898869	45.41	ng	96
13) 1,4-Dichlorobenzene	6.81	146	862070	44.15	ng	95
14) 1,2-Dichlorobenzene	6.97	146	841384	47.82	ng	97
15) Benzyl Alcohol	6.94	79	744794	46.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1250194	45.56	ng	80
17) 2-Methylphenol	7.06	107	670374m	44.38	ng	
18) Hexachloroethane	7.31	117	281222	36.91	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	624642	49.55	ng	# 77
20) 3+4-Methylphenols	7.22	107	838781	51.90	ng	92
22) Acetophenone	7.21	105	1184710	44.91	ng	# 97
24) Nitrobenzene	7.38	77	830378	39.84	ng	# 90
25) Isophorone	7.62	82	1634291	46.60	ng	98
26) 2-Nitrophenol	7.70	139	280699	30.52	ng	# 76
27) 2,4-Dimethylphenol	7.74	122	736103	45.56	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	1029645	50.06	ng	99
29) 2,4-Dichlorophenol	7.95	162	623169	44.33	ng	92
30) 1,2,4-Trichlorobenzene	8.03	180	726204	45.46	ng	95
31) Naphthalene	8.10	128	2300441	44.91	ng	99
32) Benzoic acid	7.84	122	259870m	25.02	ng	
33) 4-Chloroaniline	8.16	127	320347	14.52	ng	95
34) Hexachlorobutadiene	8.22	225	384116	41.94	ng	98
35) Caprolactam	8.53	113	210840	51.36	ng	# 46
36) 4-Chloro-3-methylphenol	8.65	107	661086	41.93	ng	98
37) 2-Methylnaphthalene	8.80	142	1456051	43.92	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	673766	47.84	ng	98
40) Hexachlorocyclopentadiene	8.96	237	184616	29.40	ng	97

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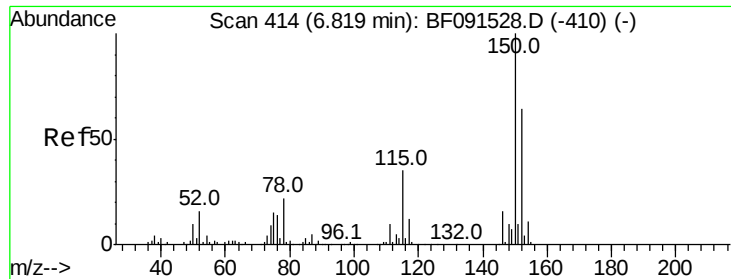
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	396176	43.78	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	363046	39.04	nq	93
45) 1,1'-Biphenyl	9.26	154	1863956	50.11	nq	96
46) 2-Chloronaphthalene	9.29	162	1397150	48.51	nq	97
47) 2-Nitroaniline	9.38	65	432840	44.69	nq	88
48) Acenaphthylene	9.70	152	2017961	45.96	nq	99
49) Dimethylphthalate	9.56	163	1492334	45.90	nq	98
50) 2,6-Dinitrotoluene	9.63	165	293417	41.11	nq #	55
51) Acenaphthene	9.87	154	1192513	39.11	nq	97
52) 3-Nitroaniline	9.79	138	339505	40.50	nq	94
53) 2,4-Dinitrophenol	9.89	184	15916	8.00	nq	90
54) Dibenzofuran	10.04	168	1714831	45.45	nq	98
55) 4-Nitrophenol	9.96	139	349043	55.96	nq #	80
56) 2,4-Dinitrotoluene	10.03	165	357508	39.96	nq	98
57) Fluorene	10.38	166	1230117	45.71	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.17	232	257037	35.30	nq #	96
59) Diethylphthalate	10.26	149	1568174	50.08	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	589261	43.44	nq	97
61) 4-Nitroaniline	10.41	138	404959	48.61	nq	91
62) Azobenzene	10.53	77	1586877	44.73	nq	87
64) 4,6-Dinitro-2-methylphenol	10.43	198	18056	7.06	nq #	66
65) n-Nitrosodiphenylamine	10.50	169	1220883	60.36	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	369101	53.06	nq	97
67) Hexachlorobenzene	10.93	284	386742	53.47	nq #	90
68) Atrazine	11.02	200	292466	44.97	nq	99
69) Pentachlorophenol	11.13	266	245153	60.22	nq	95
70) Phenanthrene	11.34	178	1792848	53.36	nq	100
71) Anthracene	11.39	178	1668456	46.04	nq	99
72) Carbazole	11.55	167	1549859	48.79	nq	100
73) Di-n-butylphthalate	11.88	149	2097286	56.67	nq	98
74) Fluoranthene	12.52	202	1566015	44.51	nq	92
76) Benzidine	12.65	184	424475	27.35	nq	98
77) Pyrene	12.75	202	1536221	38.58	nq	99
79) Butylbenzylphthalate	13.38	149	772597	49.77	nq	97
80) Benzo(a)anthracene	13.94	228	1344893	46.14	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	402400	38.44	nq #	97
82) Chrysene	13.97	228	1216819	39.90	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	983116	49.37	nq	98
84) Di-n-octyl phthalate	14.56	149	1874543	55.46	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.73	276	1085856	39.57	nq	98
87) Benzo(b)fluoranthene	14.96	252	1491837m	59.93	nq	
88) Benzo(k)fluoranthene	14.99	252	950478m	43.43	nq	
89) Benzo(a)pyrene	15.30	252	1135403	50.63	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	906310	45.12	nq	100
91) Benzo(g,h,i)perylene	17.14	276	872138	42.66	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.02 min

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Instrument :

BNA_F

ClientSampleId :

PB95264BS

Tot Ion:152 Resp: 272459

Ion Ratio Lower Upper

152 100

150 155.3 122.5 183.7

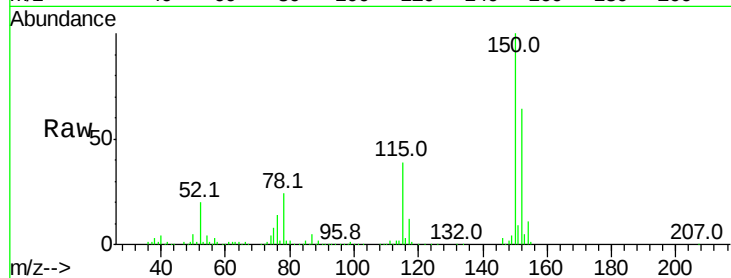
115 59.9 51.8 77.8

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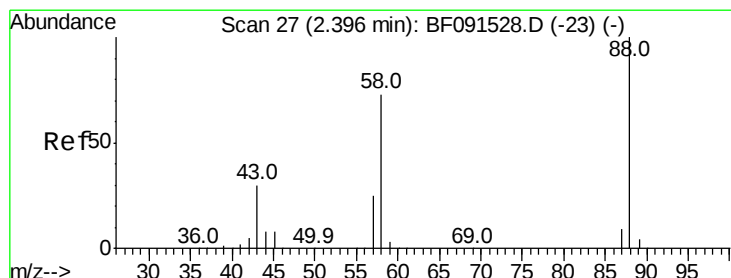
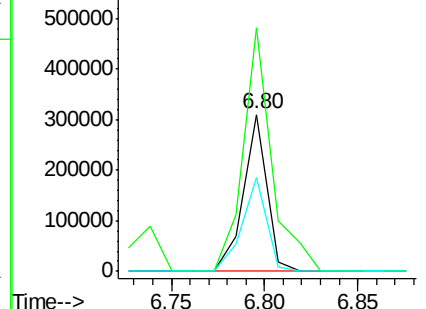
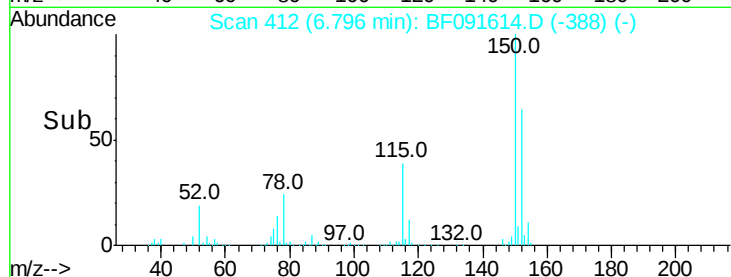
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.63 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

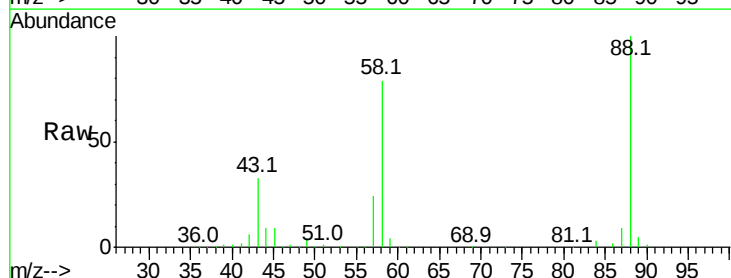
Tgt Ion: 88 Resp: 312639

Ion Ratio Lower Upper

88 100

58 75.0 70.3 105.5

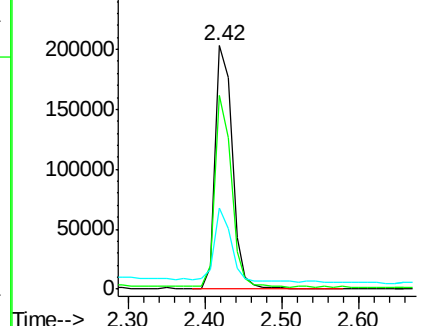
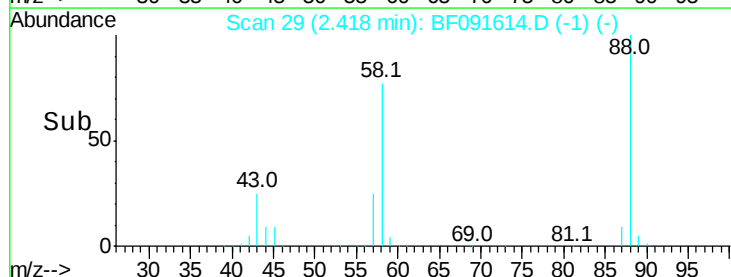
43 32.3 31.3 46.9

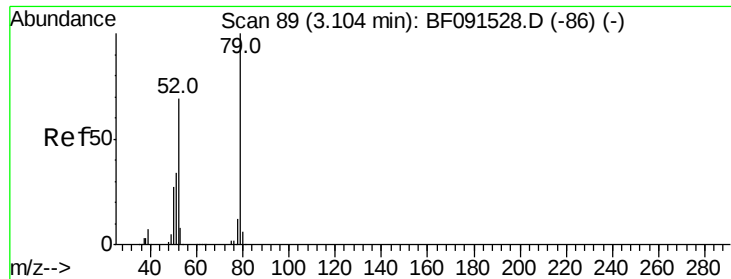


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.91 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

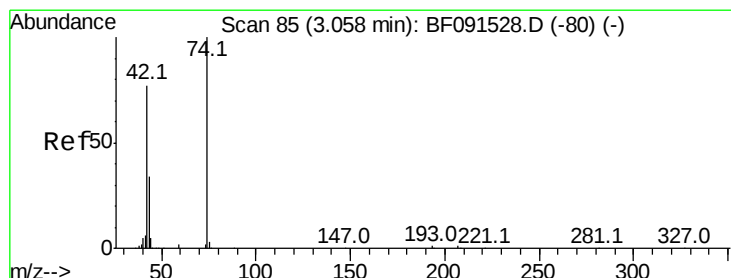
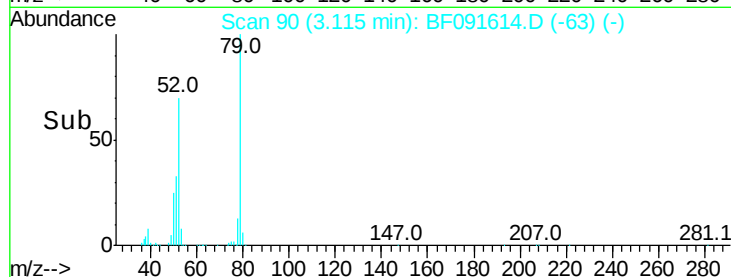
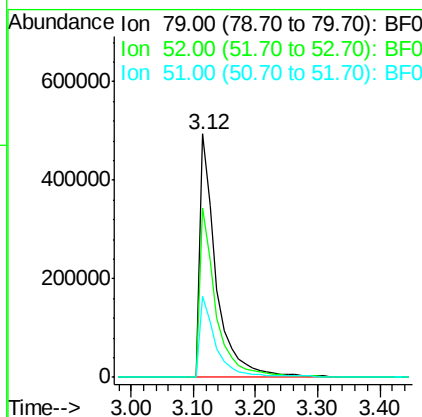
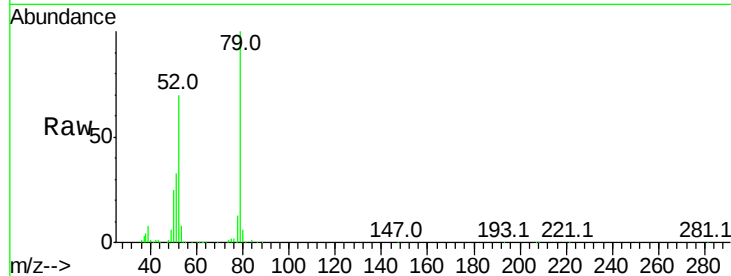
ClientSampleId :

PB95264BS

Tot Ion:	79	Resp:	907661
Ion Ratio	Lower	Upper	
79	100		
52	69.6	71.0	106.4#
51	33.3	37.0	55.4#

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#4

n-Nitrosodimethylamine

Concen: 44.40 ng

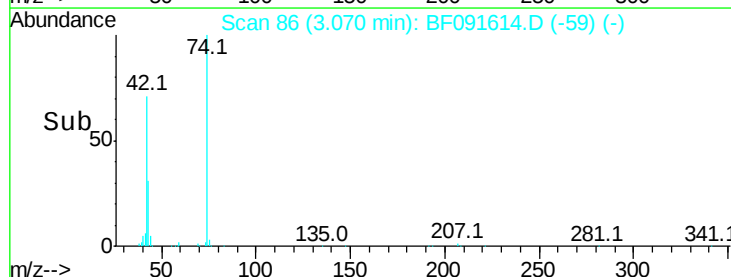
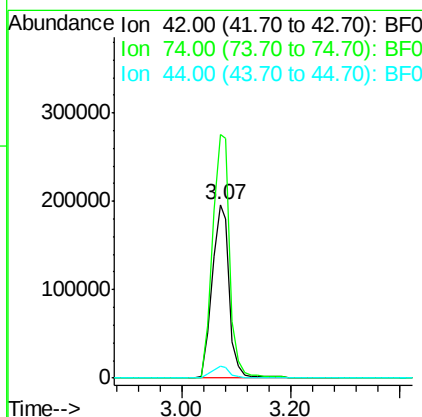
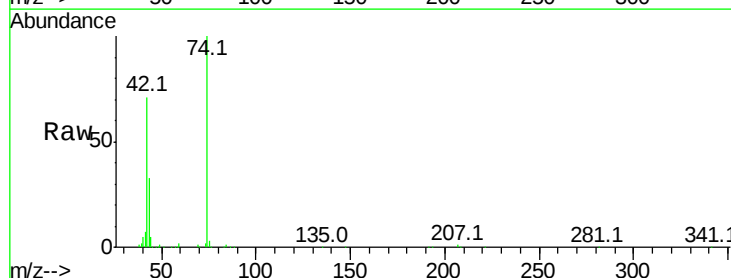
RT: 3.07 min Scan# 86

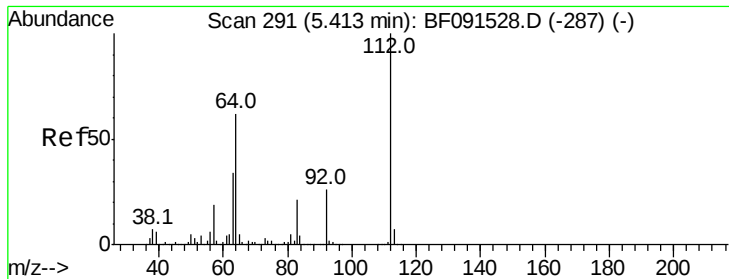
Delta R.T. 0.01 min

Lab File: BF091614.D

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Tgt Ion:	42	Resp:	433767
Ion Ratio	Lower	Upper	
42	100		
74	140.5	78.9	118.3#
44	7.1	5.8	8.6





#5

2-Fluorophenol

Concen: 77.91 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

ClientSampleId :

PB95264BS

Tot Ion:112 Resp: 1259902

Ion Ratio Lower Upper

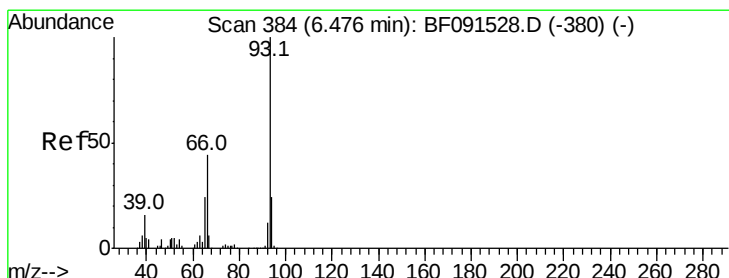
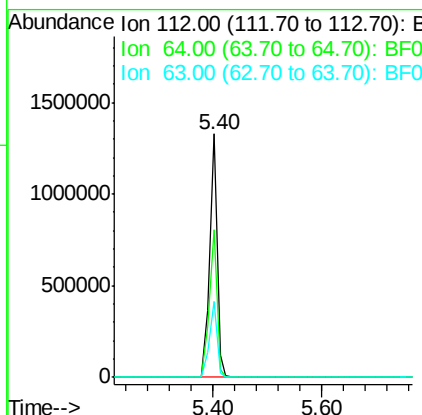
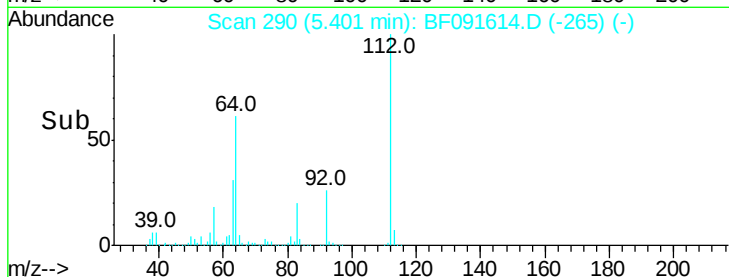
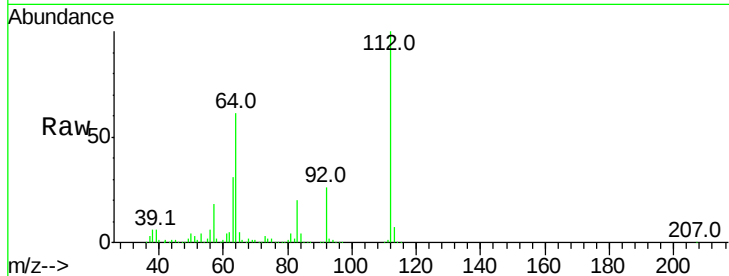
112 100

64 60.7 61.5 92.3#

63 31.3 33.3 49.9#

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#6

Aniline

Concen: 21.03 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

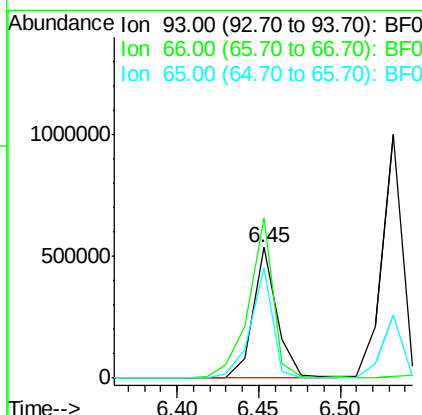
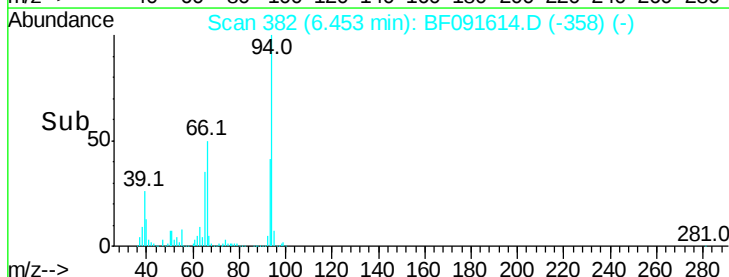
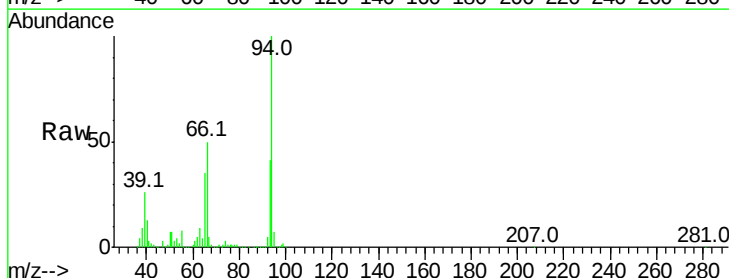
Tgt Ion: 93 Resp: 555780

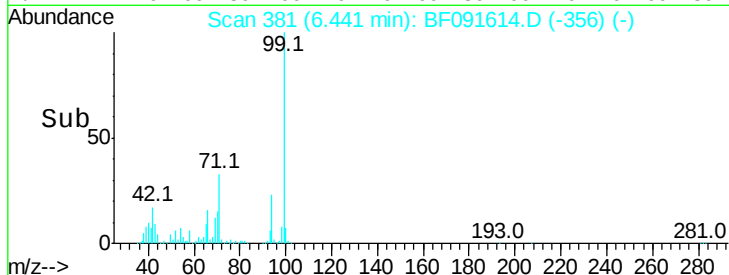
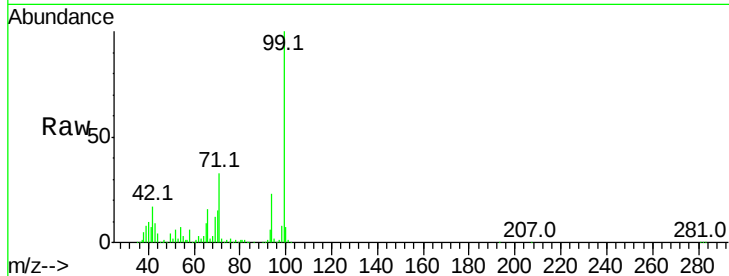
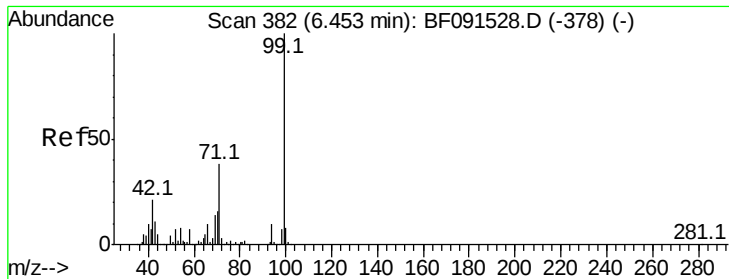
Ion Ratio Lower Upper

93 100

66 122.4 55.8 83.6#

65 84.6 29.9 44.9#





#7

Phenol-d6

Concen: 81.90 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tot Ion:	99	Resp:	1651220
Ion	Ratio	Lower	Upper
99	100		
42	17.5	20.6	31.0#
71	32.7	29.9	44.9

Instrument :

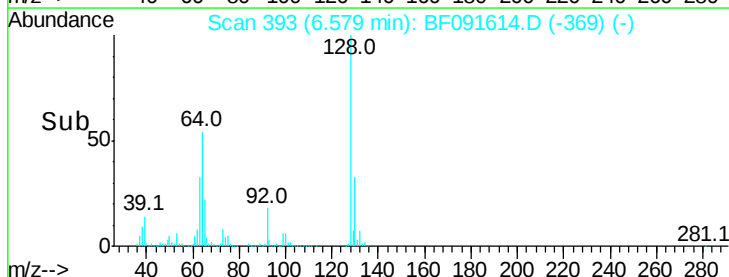
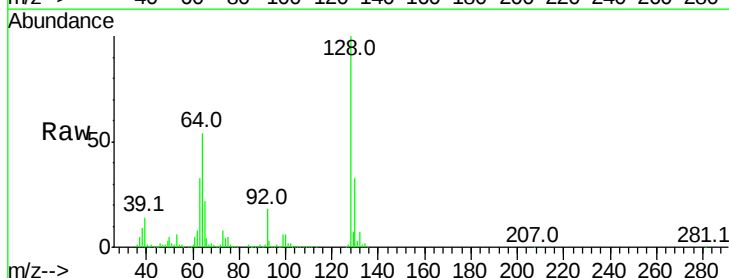
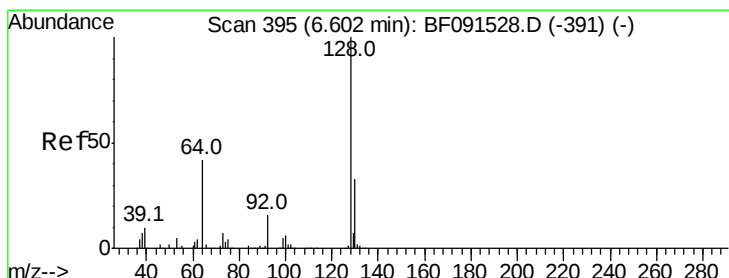
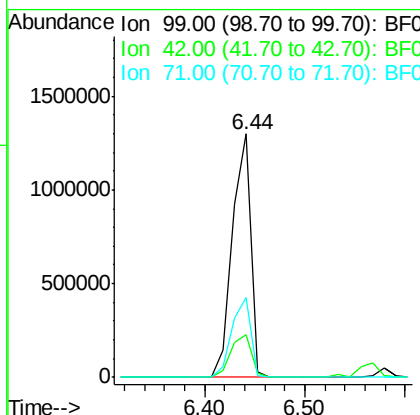
BNA_F

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#8

2-Chlorophenol

Concen: 44.00 ng

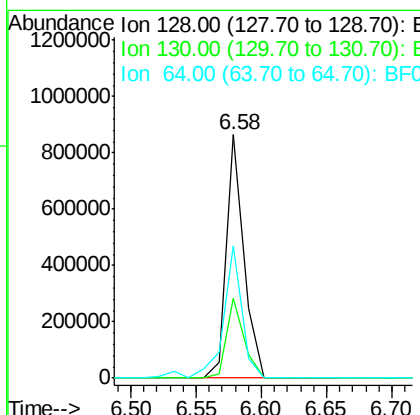
RT: 6.58 min Scan# 393

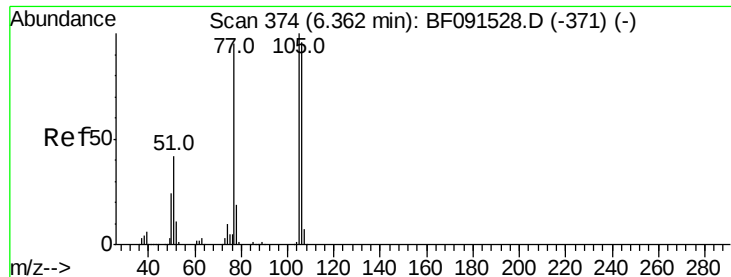
Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion:	128	Resp:	803212
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.1	53.1
64	54.3	24.1	64.1





#9

Benzaldehyde

Concen: 12.26 ng/ml

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

Client Sample ID :

PB95264BS

Tot Ion: 77 Resp: 170125

Ion Ratio Lower Upper

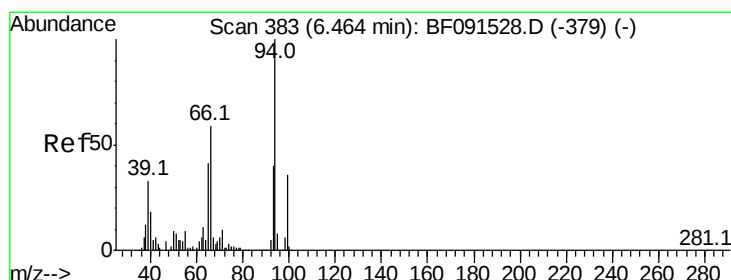
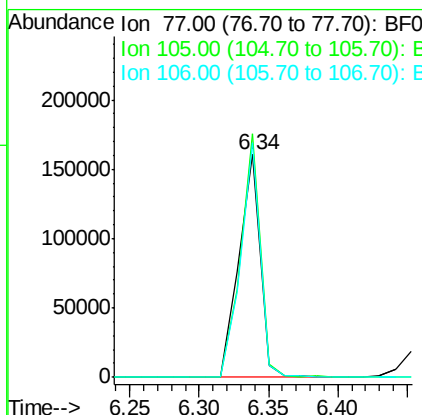
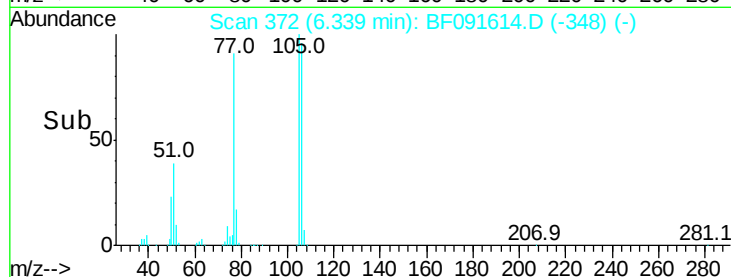
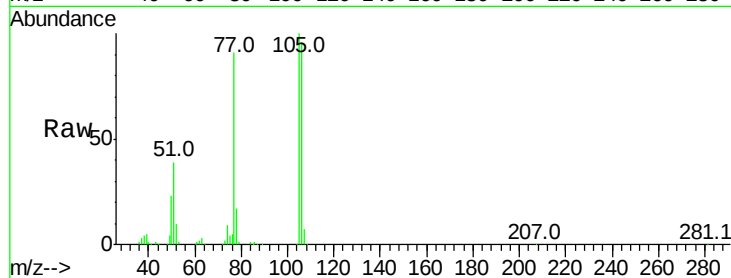
77 100

105 109.3 66.4 106.4#

106 105.3 60.9 100.9#

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#10

Phenol

Concen: 48.43 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

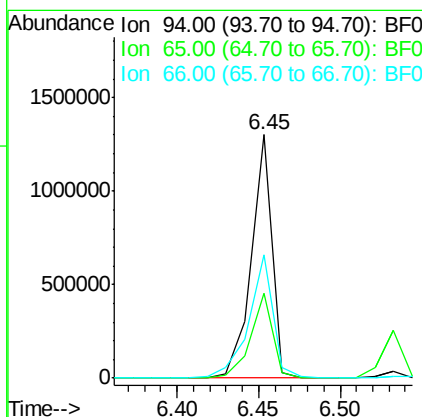
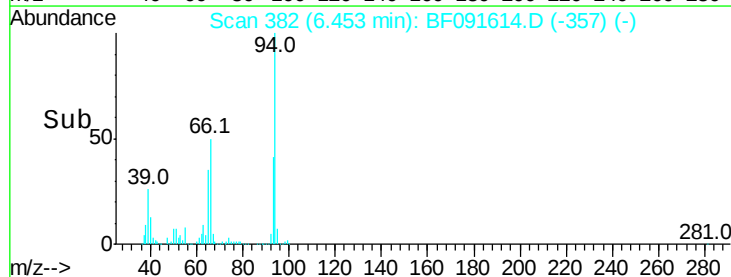
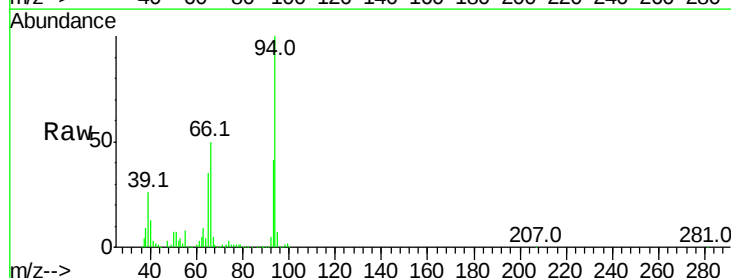
Tgt Ion: 94 Resp: 1141688

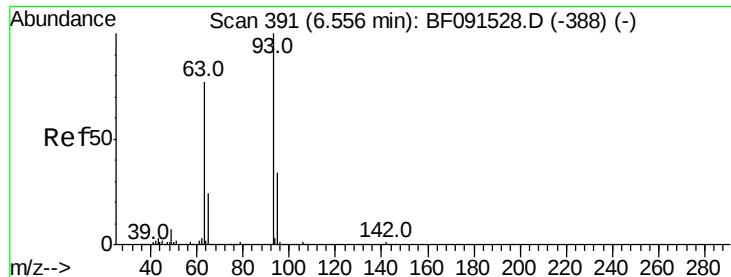
Ion Ratio Lower Upper

94 100

65 34.9 16.9 56.9

66 50.4 30.6 70.6





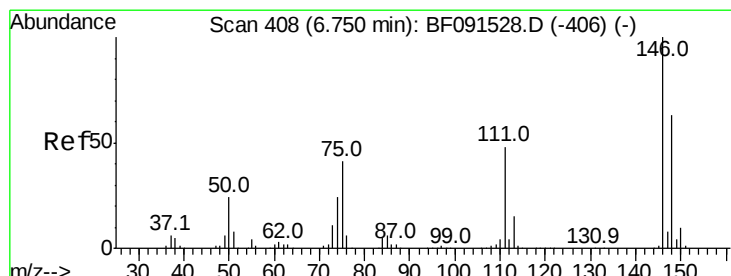
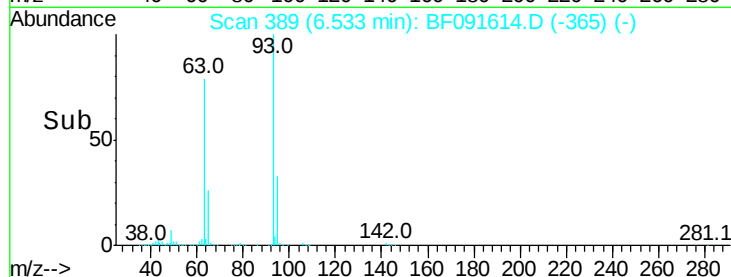
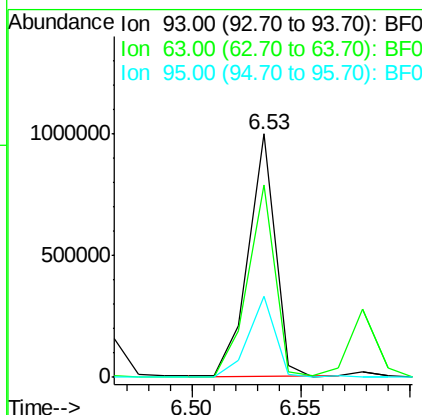
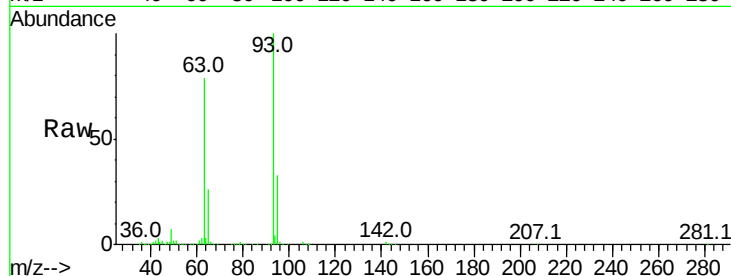
#11
bis(2-Chloroethyl)ether
Concen: 48.48 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	74.8	114.8
95	33.1	12.4	52.4

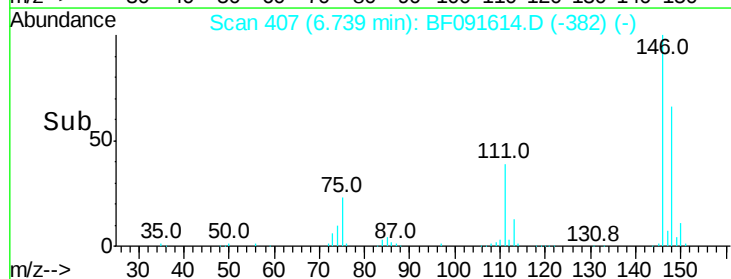
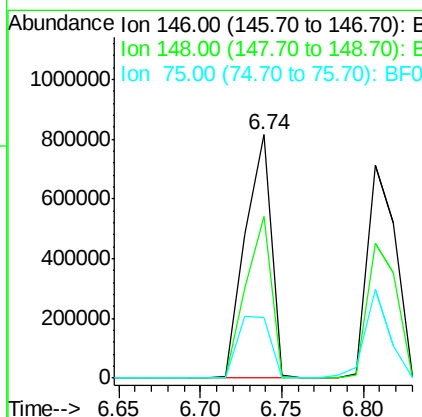
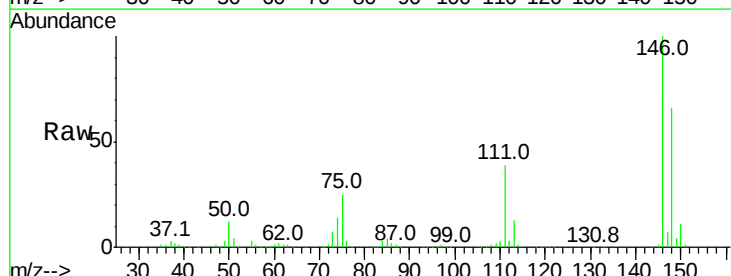
Manual Integrations
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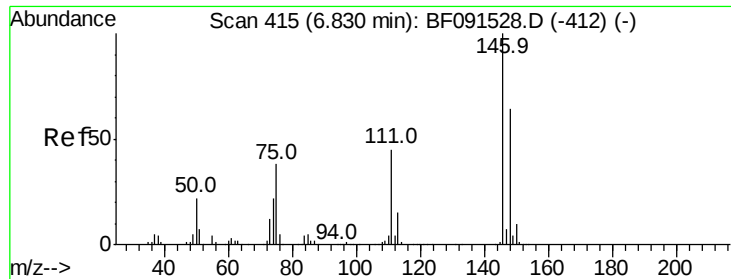
sohil
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#12
1,3-Dichlorobenzene
Concen: 45.41 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.4	77.0
75	25.0	23.6	35.4





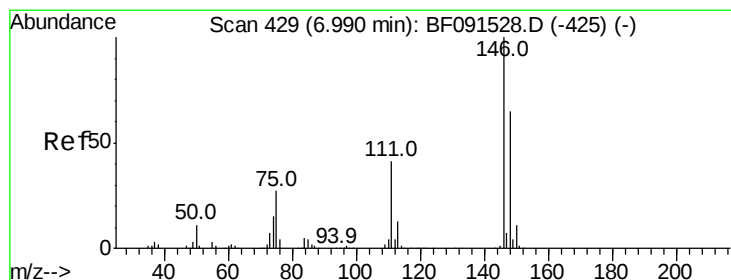
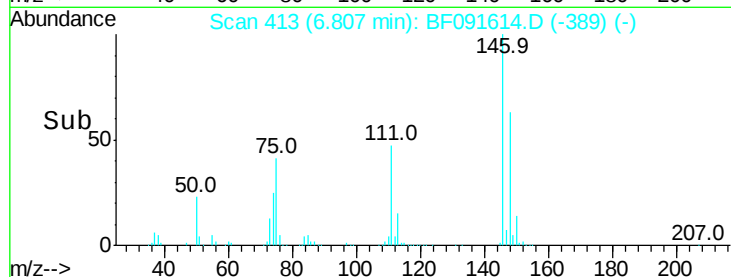
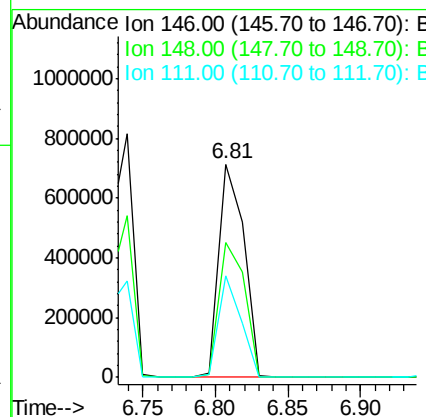
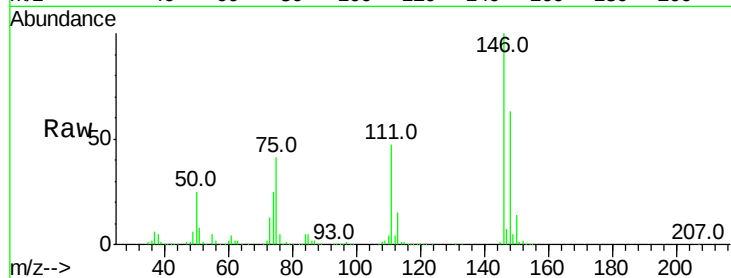
#13
1,4-Dichlorobenzene
Concen: 44.15 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
111	47.4	32.2	48.2

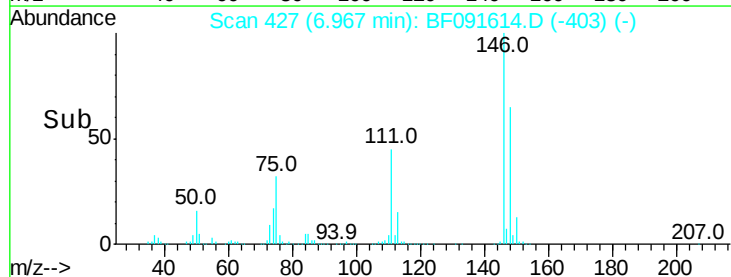
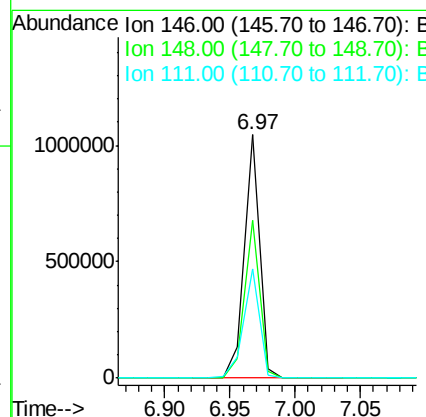
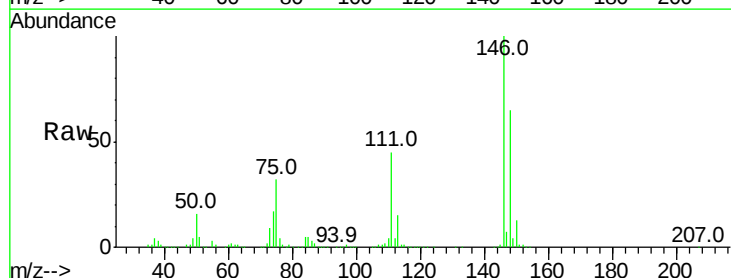
Manual Integrations
APPROVED

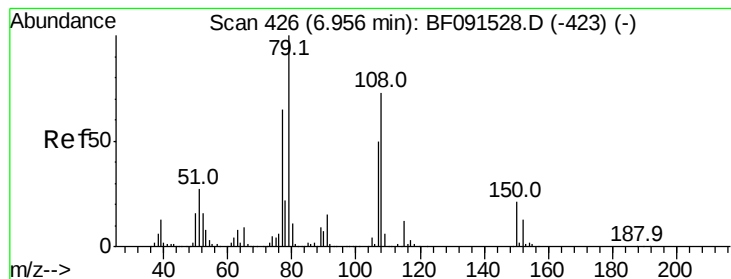
sohil
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#14
1,2-Dichlorobenzene
Concen: 47.82 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	45.1	38.9	58.3





#15

Benzyl Alcohol

Concen: 46.79 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

ClientSampled :

PB95264BS

Tot Ion: 79 Resp: 744794

Ion Ratio Lower Upper

79 100

108 77.1 62.7 94.1

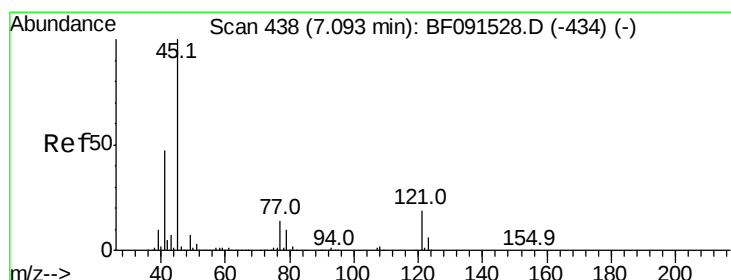
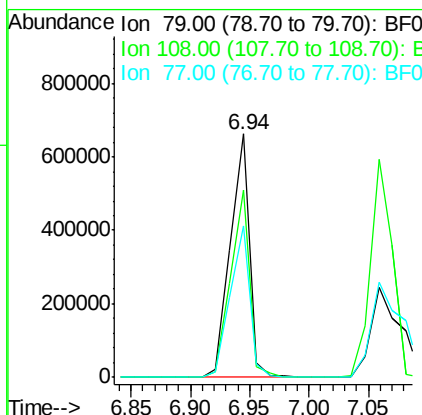
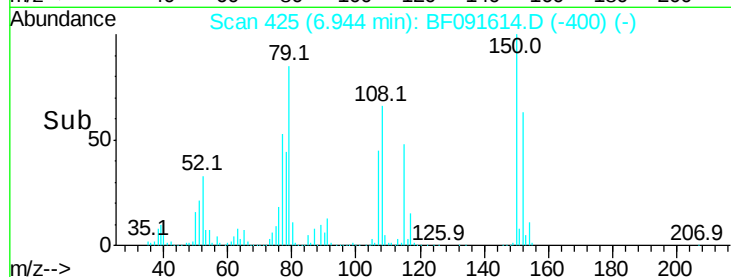
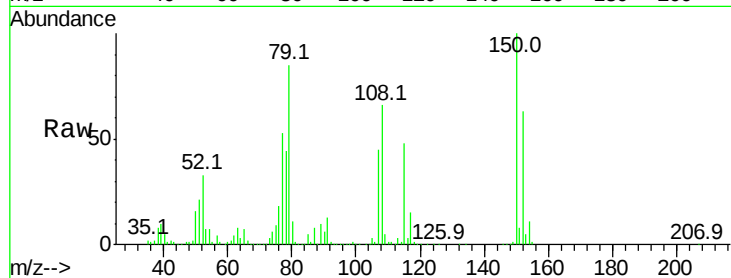
77 62.2 51.7 77.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.56 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

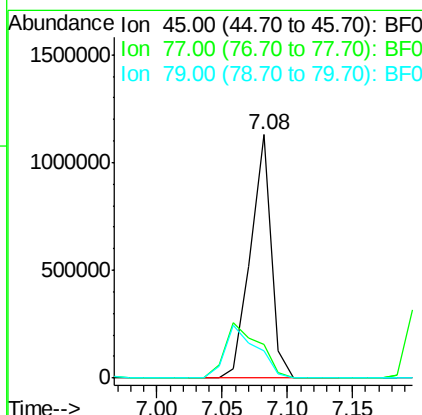
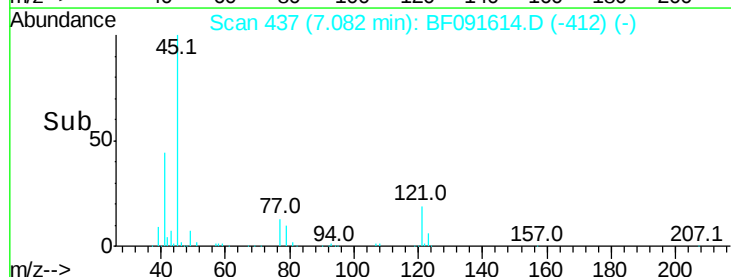
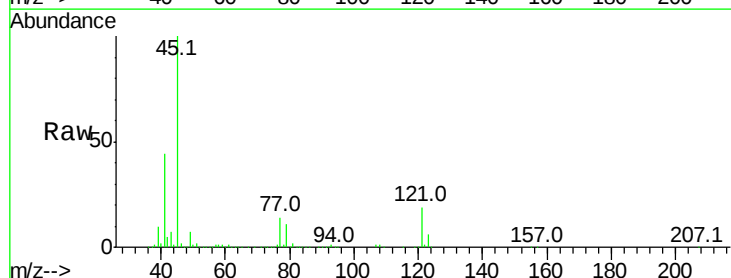
Tgt Ion: 45 Resp: 1250194

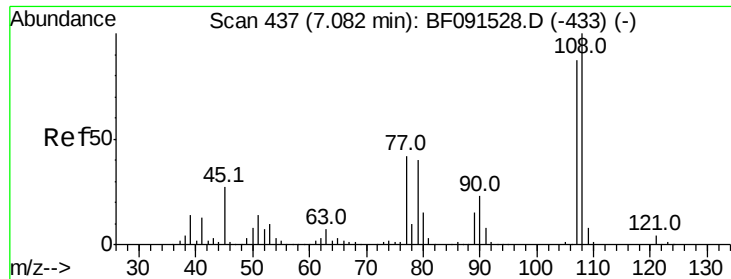
Ion Ratio Lower Upper

45 100

77 13.7 3.8 43.8

79 11.1 0.2 40.2





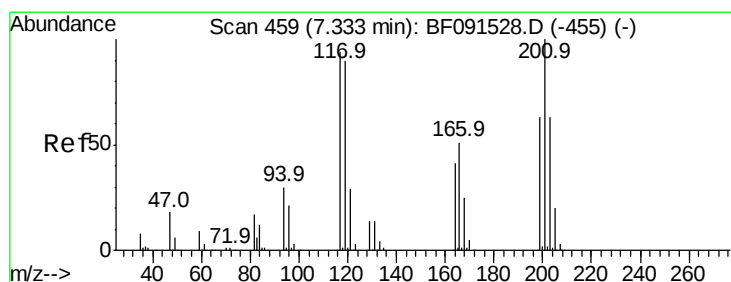
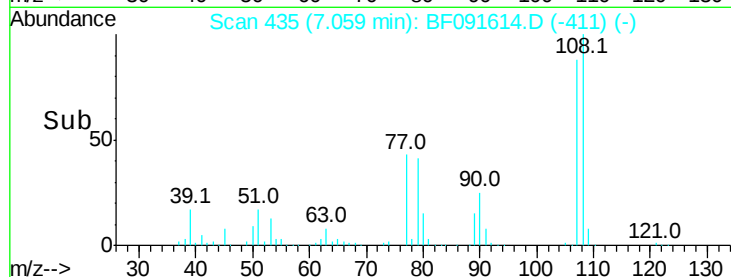
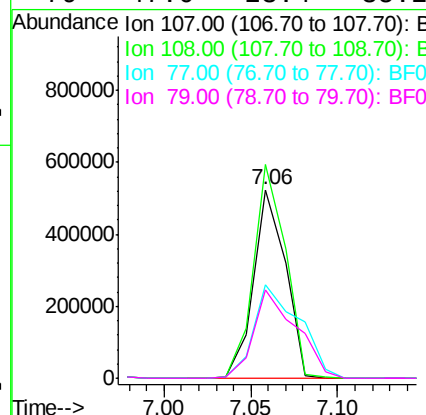
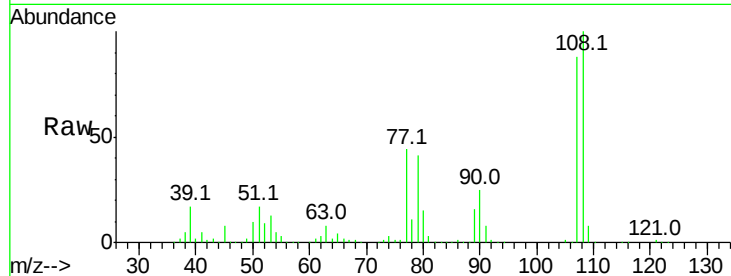
#17
2-Methylphenol
Concen: 44.38 ng/ml
RT: 7.06 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	67.7	101.5#
77	49.3	40.7	61.1
79	47.0	23.4	35.2#

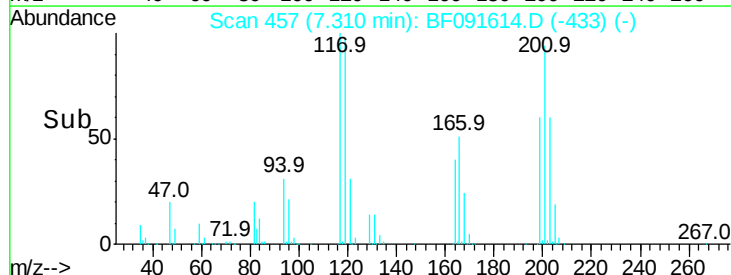
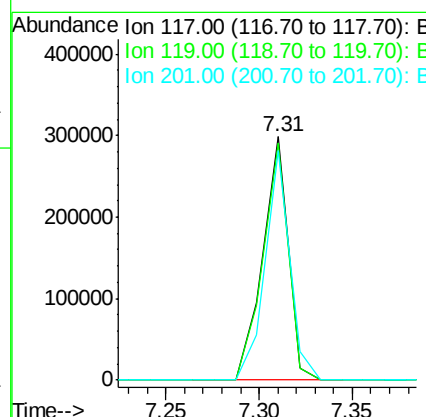
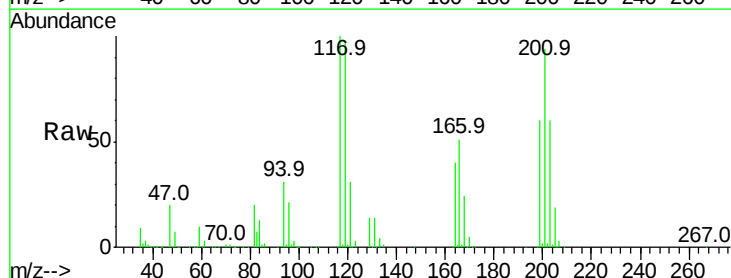
Manual Integrations
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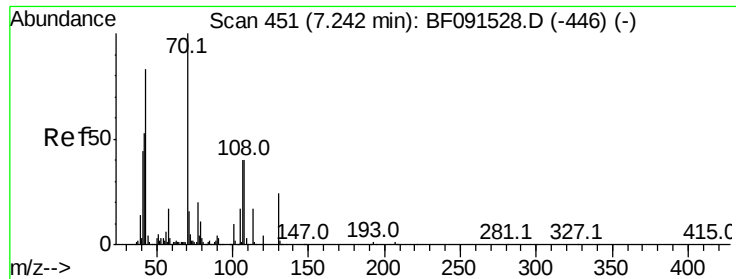
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#18
Hexachloroethane
Concen: 36.91 ng/ml
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.6	118.0
201	94.3	86.7	130.1





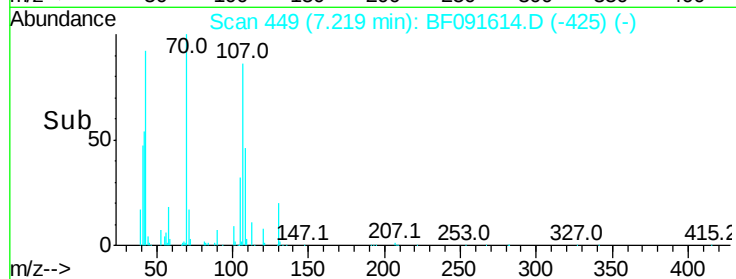
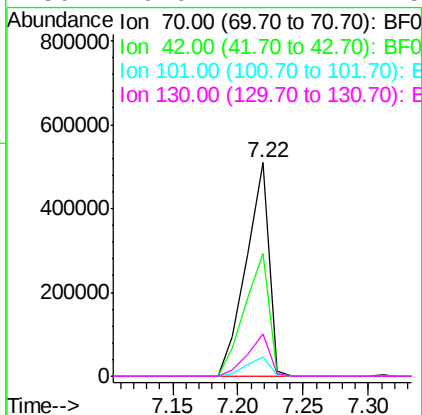
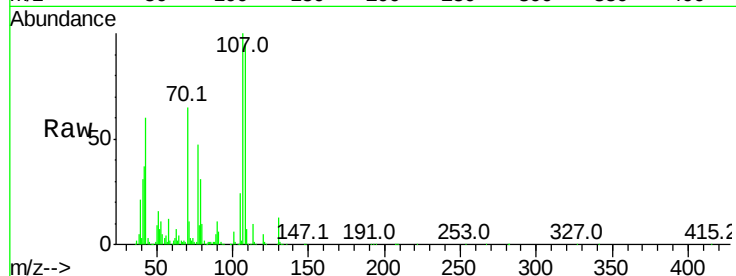
#19
n-Nitroso-di-n-propylamine
Concen: 49.55 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	64.8	97.2#
101	9.0	6.2	9.4
130	20.0	11.7	17.5#

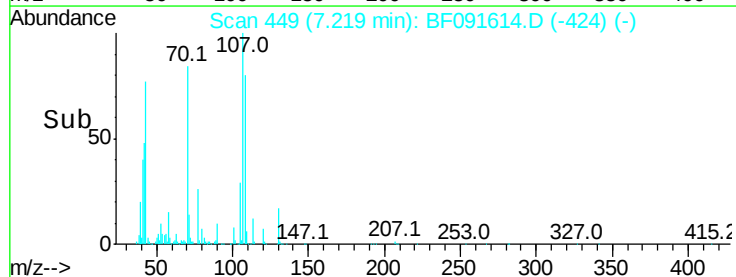
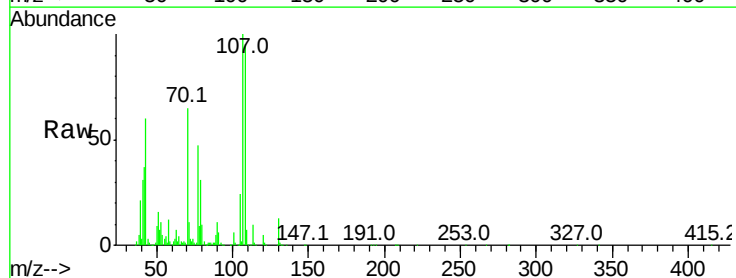
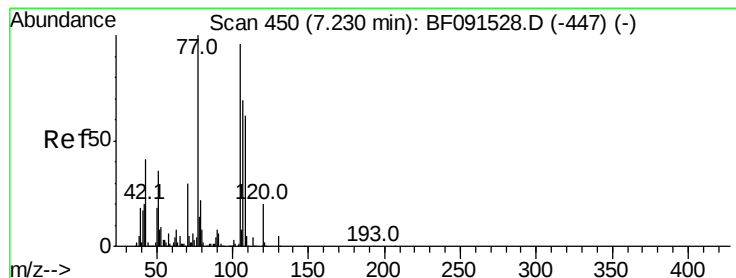
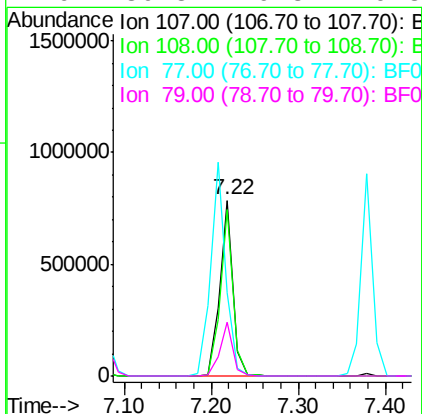
Manual Integrations
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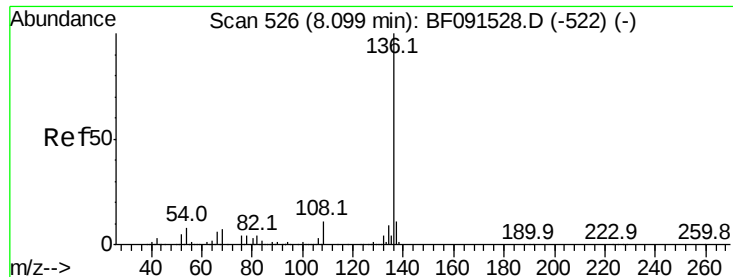
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#20
3+4-Methylphenols
Concen: 51.90 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	64.6	104.6
77	47.4	30.9	70.9
79	30.8	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

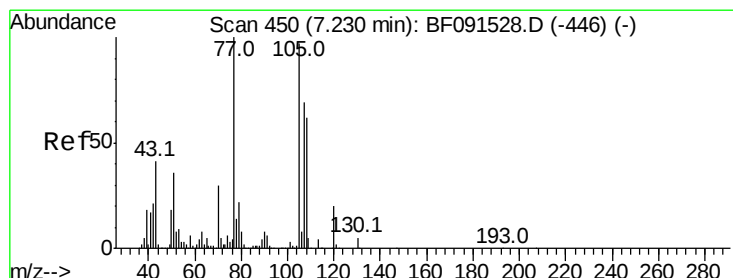
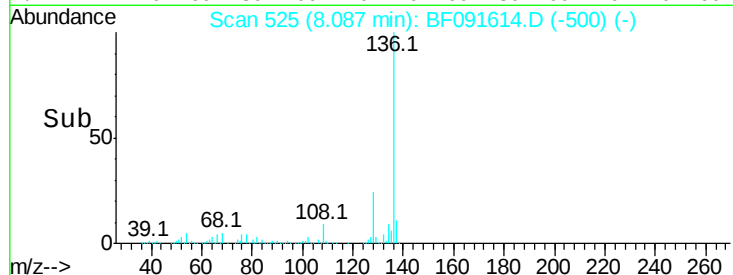
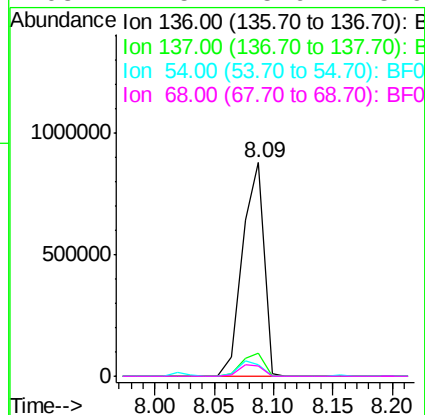
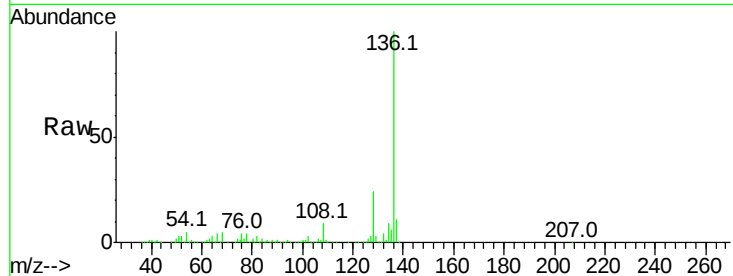
ClientSampleId :

PB95264BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.5	9.1	13.7#
68	4.5	5.9	8.9#

Manual Integrations
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#22

Acetophenone

Concen: 44.91 ng

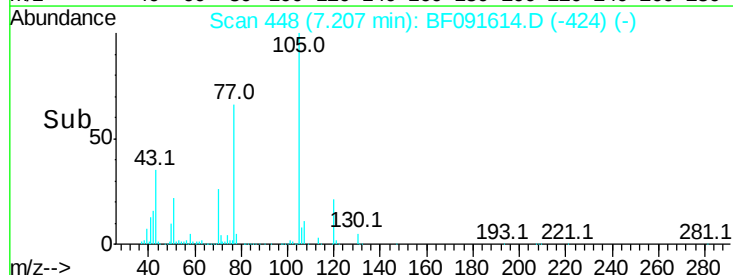
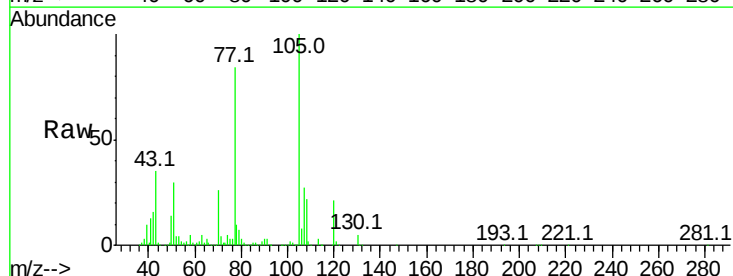
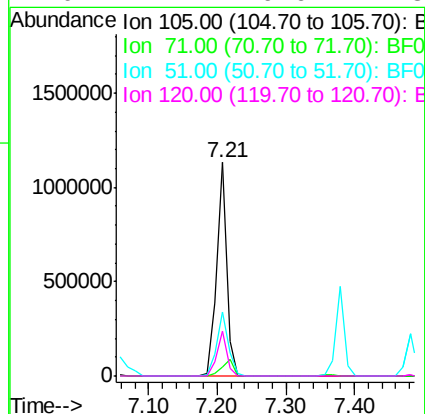
RT: 7.21 min Scan# 448

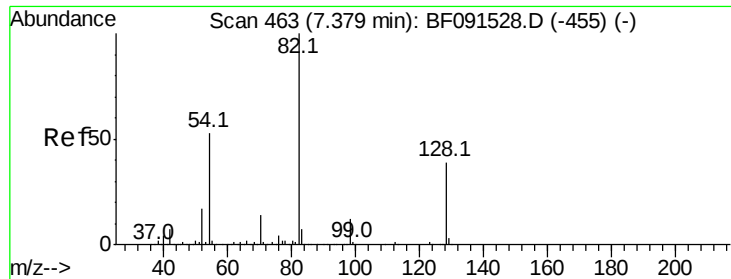
Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.3	7.9	11.9#
51	30.1	24.5	36.7
120	21.2	16.6	24.8





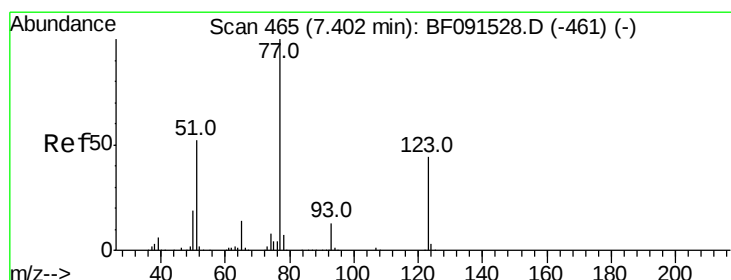
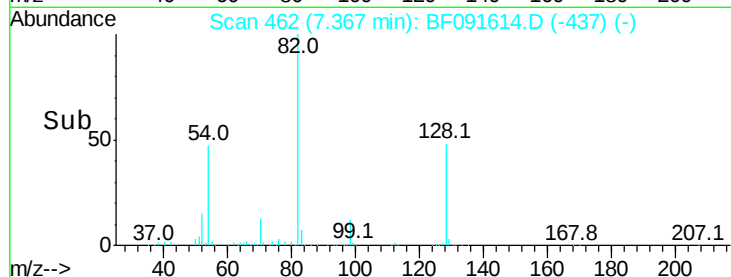
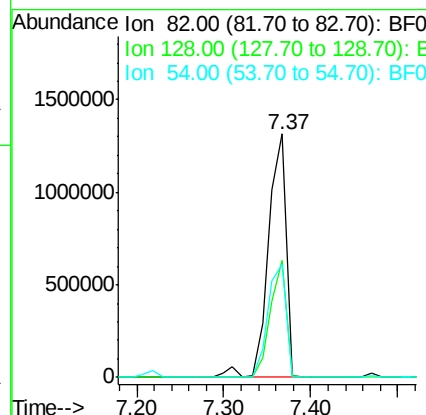
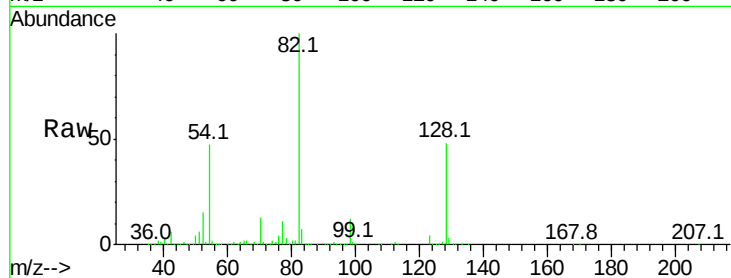
#23
 Nitrobenzene-d5
 Concen: 94.82 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Instrument :
 BNA_F
 ClientSampled :
 PB95264BS

Tot Ion: 82 Resp: 1870396
 Ion Ratio Lower Upper
 82 100
 128 47.9 31.8 47.6#
 54 46.7 49.1 73.7#

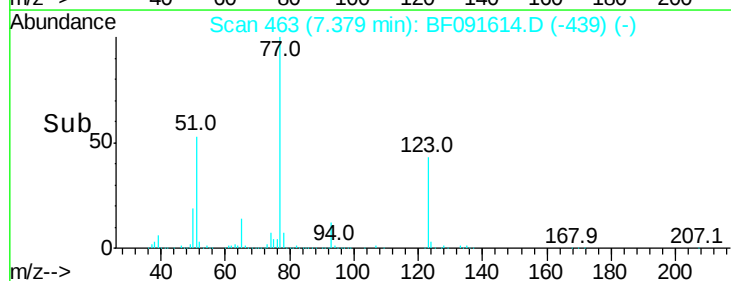
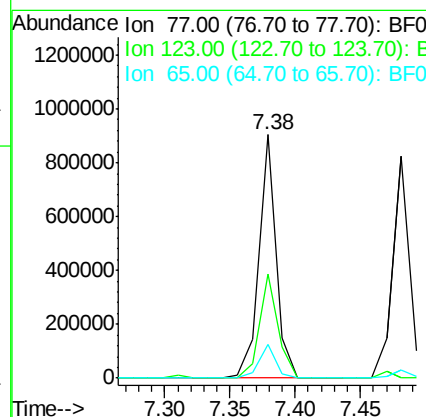
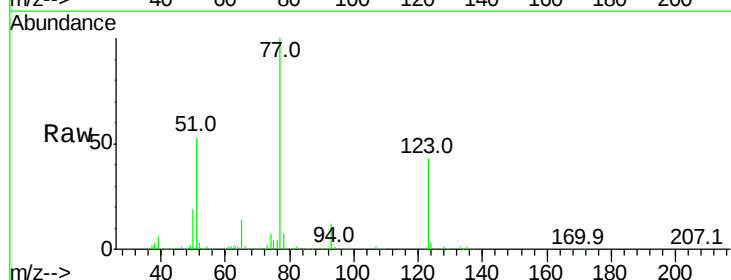
Manual Integrations
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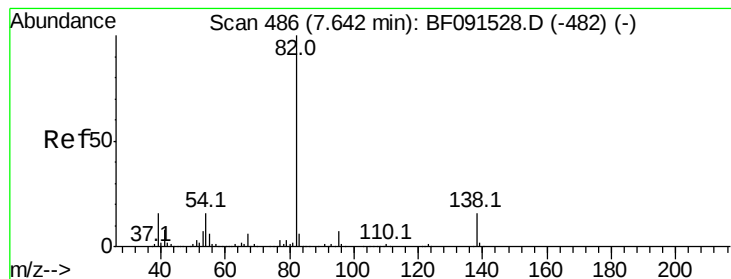
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#24
 Nitrobenzene
 Concen: 39.84 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.02 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Tgt Ion: 77 Resp: 830378
 Ion Ratio Lower Upper
 77 100
 123 42.9 28.5 42.7#
 65 13.6 12.5 18.7





#25

Isophorone

Concen: 46.60 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

ClientSampleId :

PB95264BS

Tot Ion: 82 Resp: 1634291

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

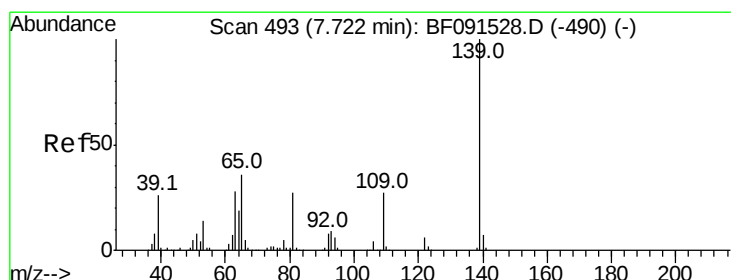
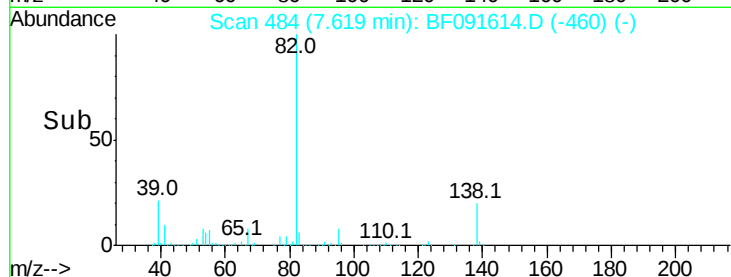
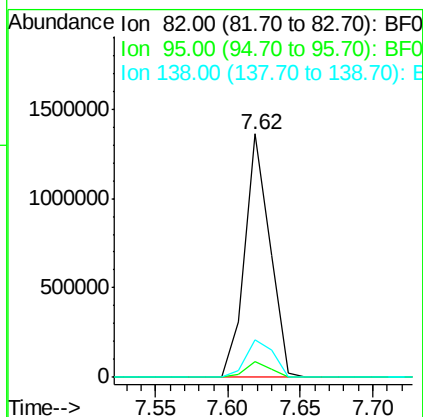
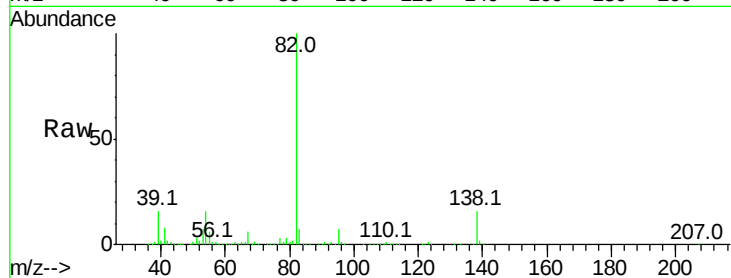
138 15.6 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 30.52 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

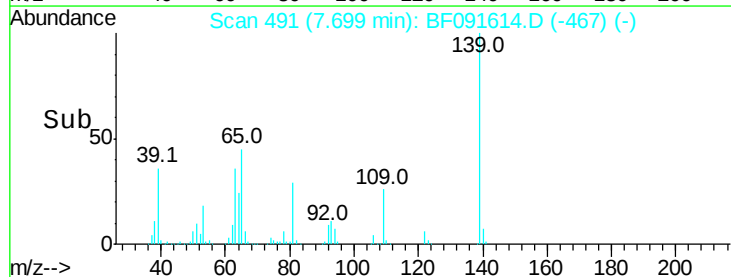
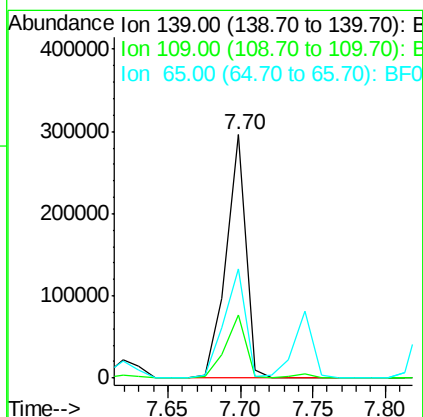
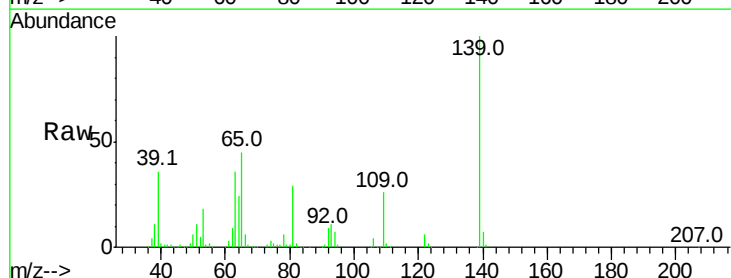
Tgt Ion: 139 Resp: 280699

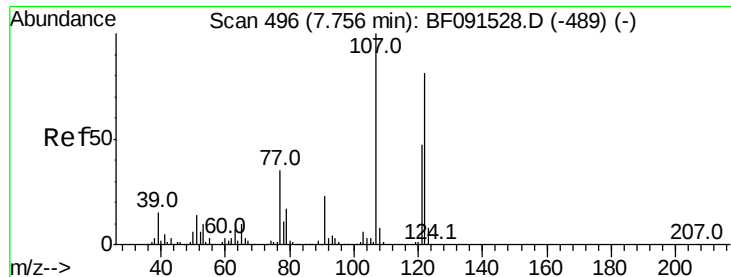
Ion Ratio Lower Upper

139 100

109 26.1 25.3 37.9

65 45.0 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 45.56 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

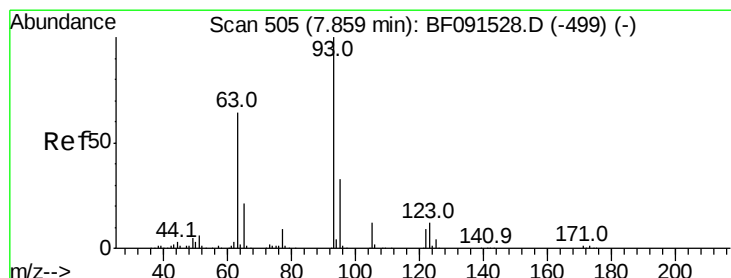
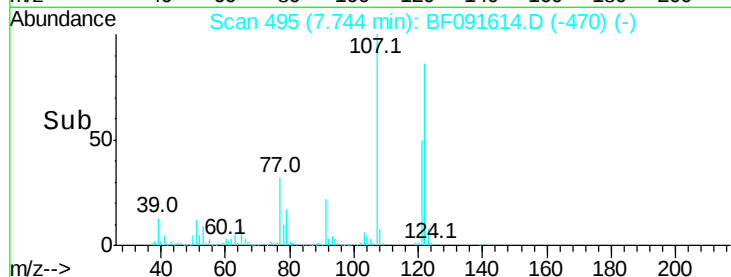
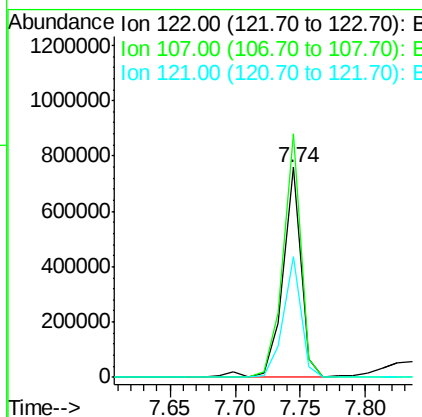
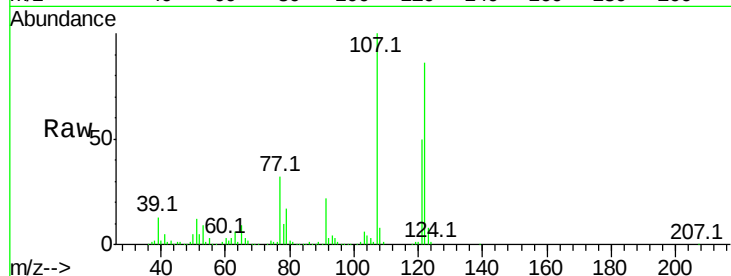
ClientSampled :

PB95264BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	736103		
107	116.0	96.8	145.2	
121	57.4	47.7	71.5	

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 50.06 ng

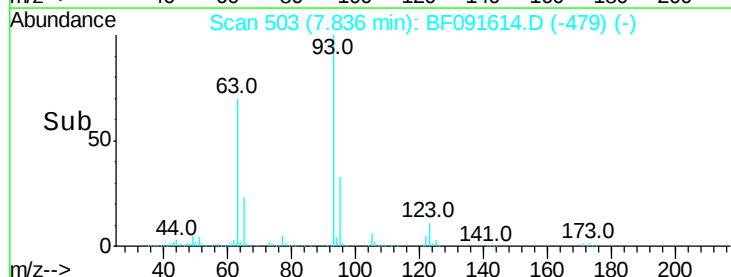
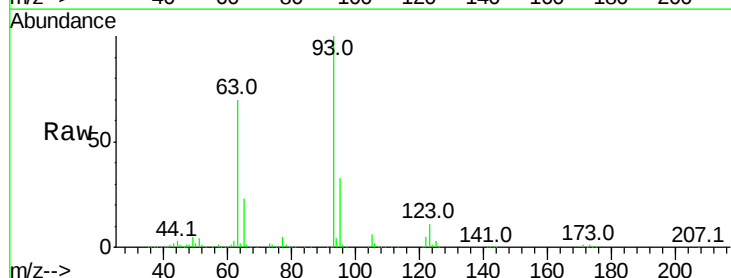
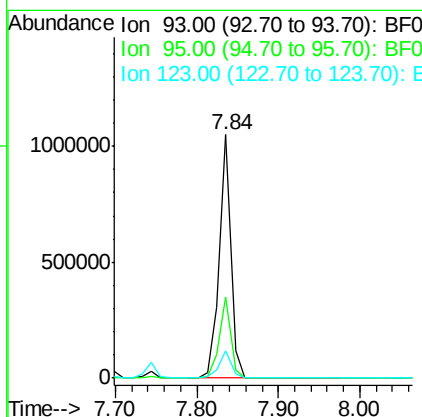
RT: 7.84 min Scan# 503

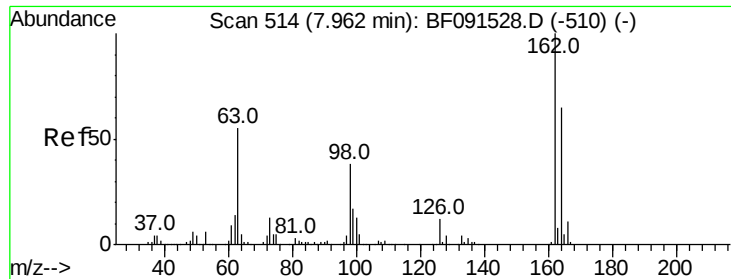
Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1029645		
95	33.4	26.0	39.0	
123	11.0	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 44.33 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

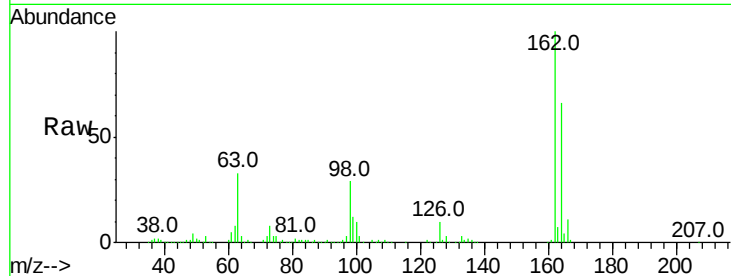
ClientSampleId :

PB95264BS

Tot Ion:	162	Resp:	623169
Ion Ratio	Lower	Upper	
162	100		
164	65.7	45.0	85.0
98	28.6	21.3	61.3

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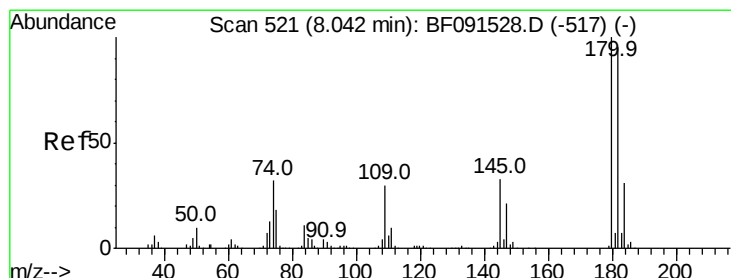
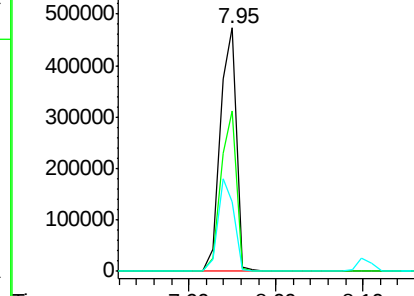
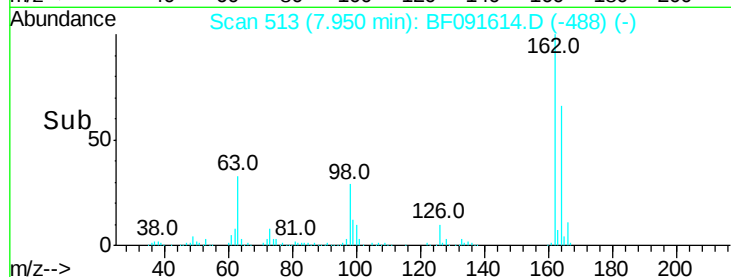


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 45.46 ng

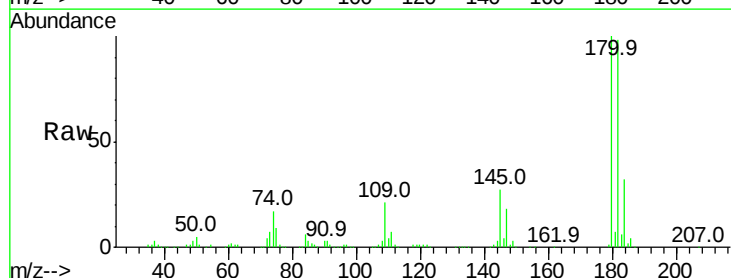
RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion:	180	Resp:	726204
Ion Ratio	Lower	Upper	
180	100		
182	97.8	75.8	113.8
145	27.2	27.0	40.4

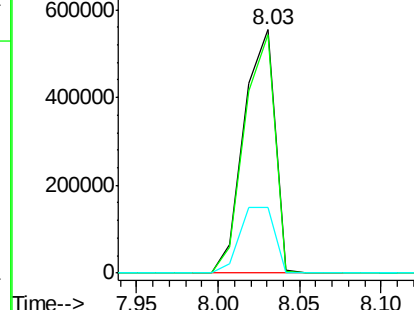
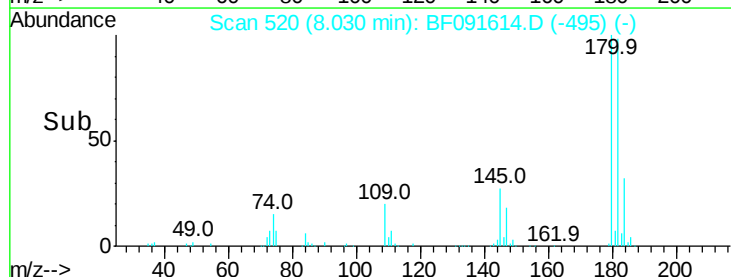


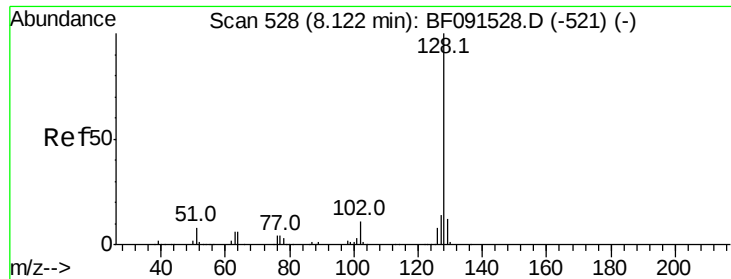
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->





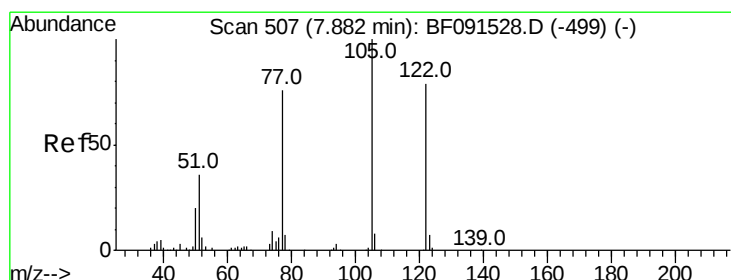
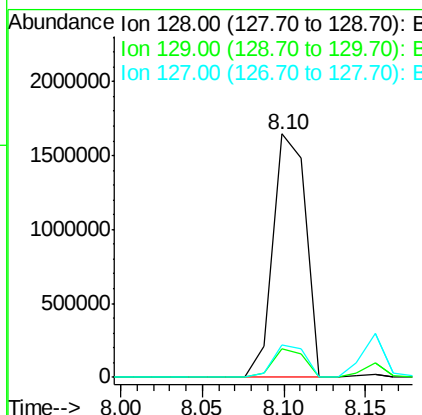
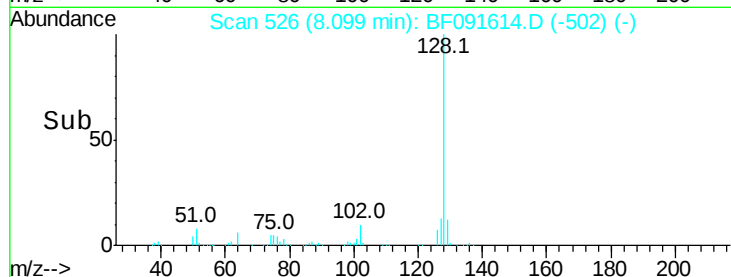
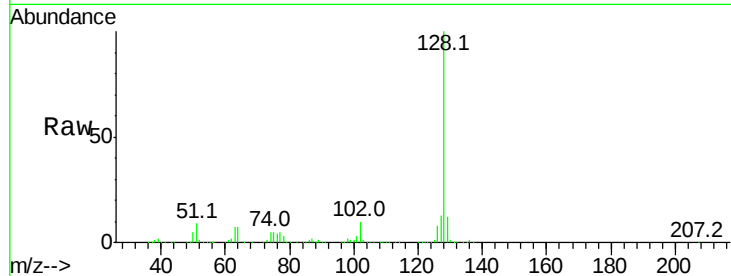
#31
Naphthalene
Concen: 44.91 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion:128 Resp: 2300441
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.4 11.0 16.4

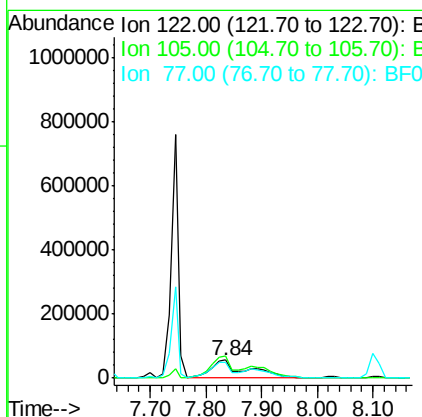
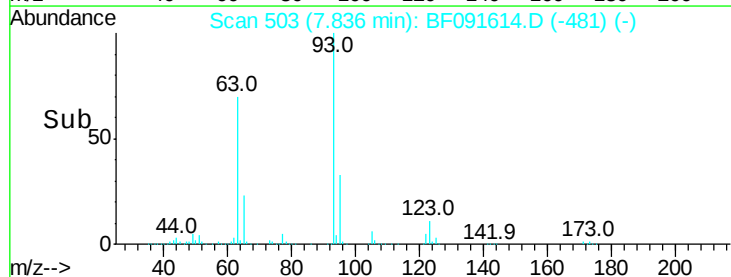
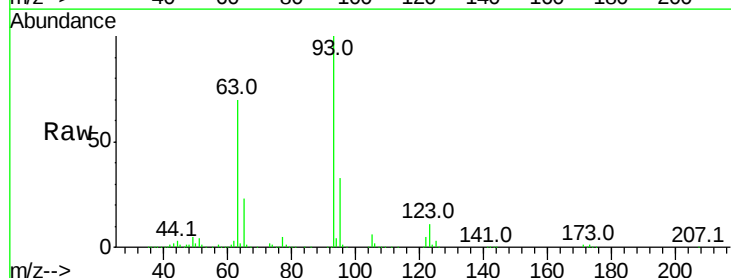
Manual Integrations
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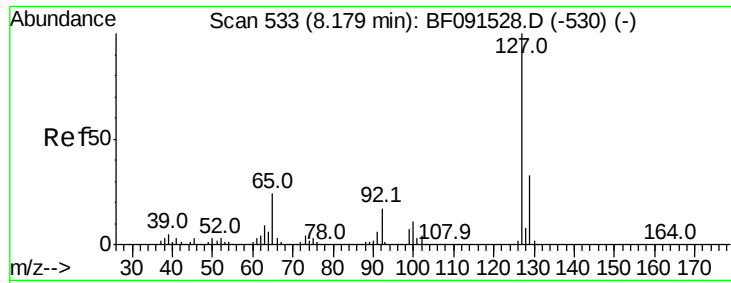
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#32
Benzoic acid
Concen: 25.02 ng m
RT: 7.84 min Scan# 503
Delta R.T. -0.05 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion:122 Resp: 259870
Ion Ratio Lower Upper
122 100
105 119.2 113.0 153.0
77 85.8 82.0 122.0





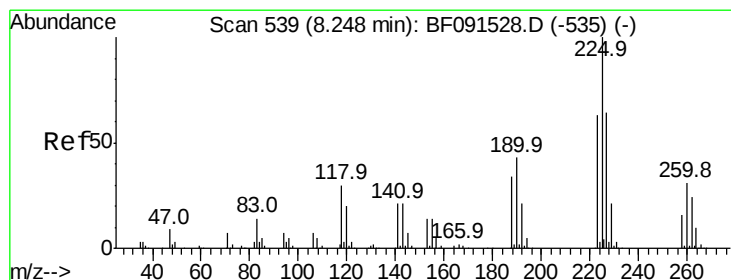
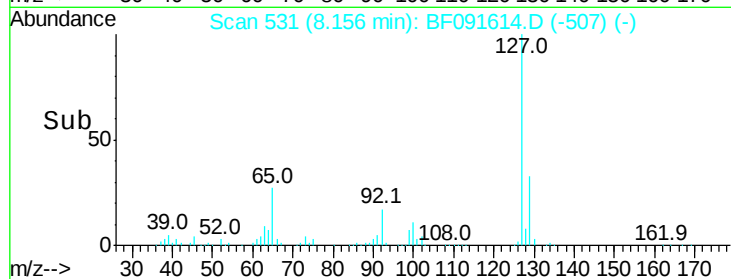
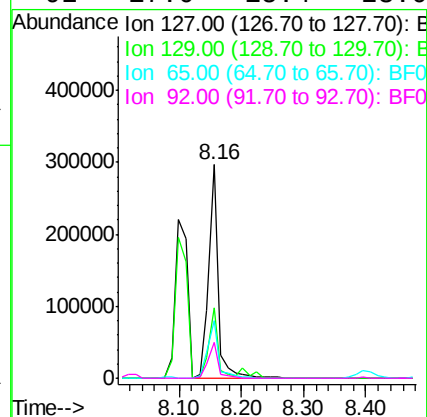
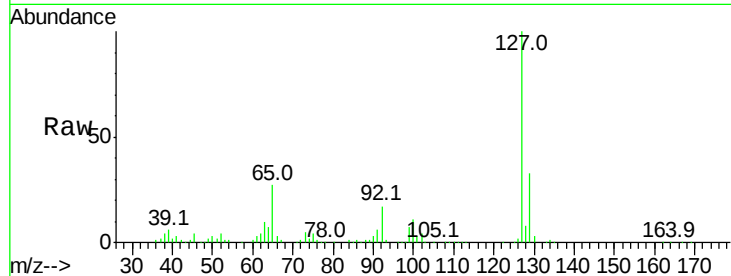
#33
4-Chloroaniline
Concen: 14.52 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.2	39.4		
65	27.0	26.6	39.8		
92	17.0	15.4	23.0		

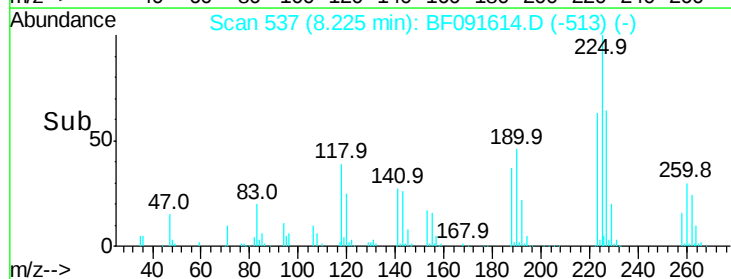
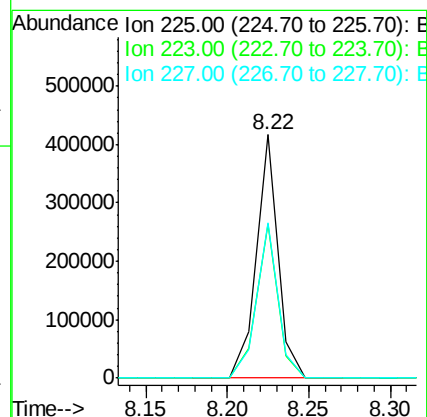
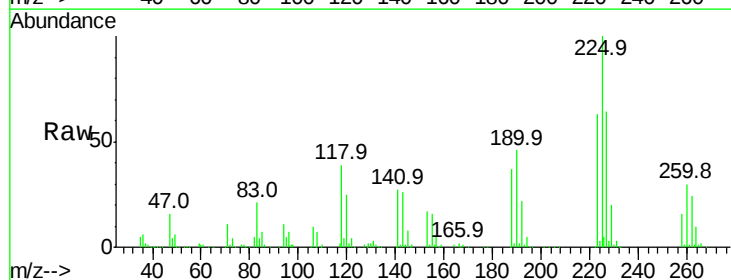
Manual Integrations
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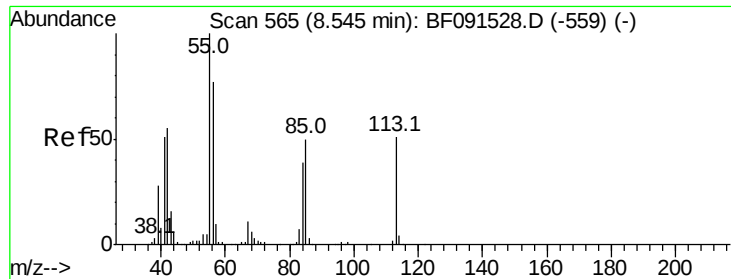
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#34
Hexachlorobutadiene
Concen: 41.94 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.8	74.6		
227	63.6	52.6	79.0		





#35

Caprolactam

Concen: 51.36 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

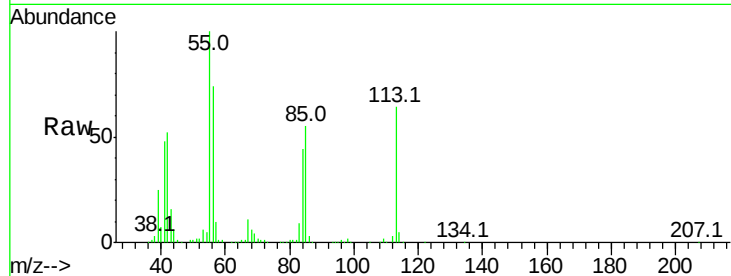
ClientSampled :

PB95264BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	155.9	239.8	279.8#	
56	115.3	165.6	205.6#	

Manual Integrations
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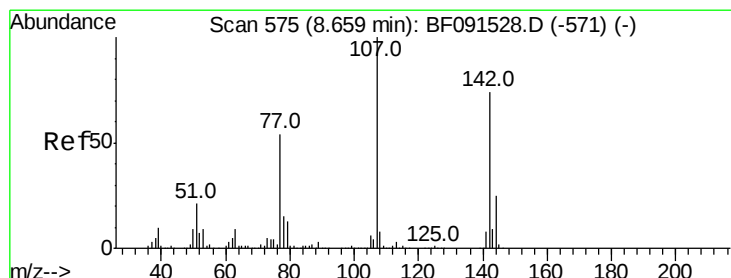
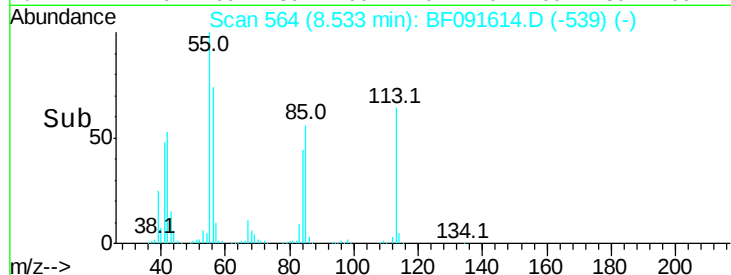
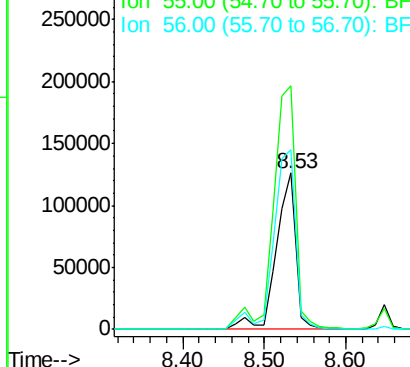
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.93 ng

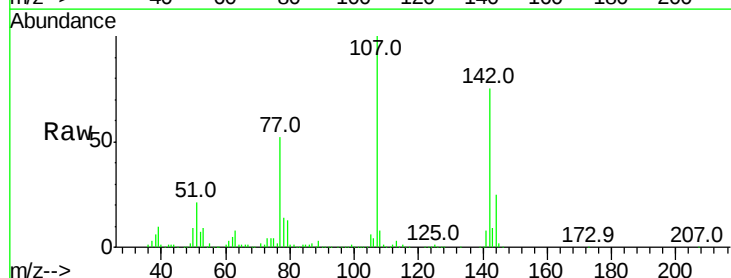
RT: 8.65 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

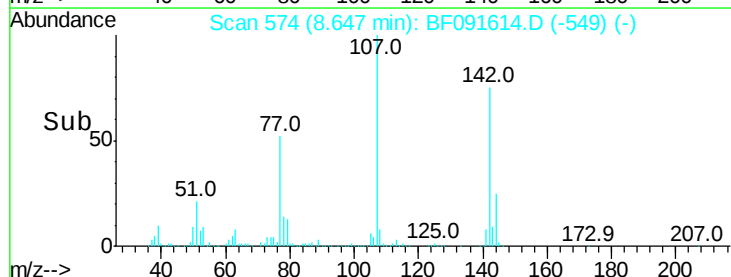
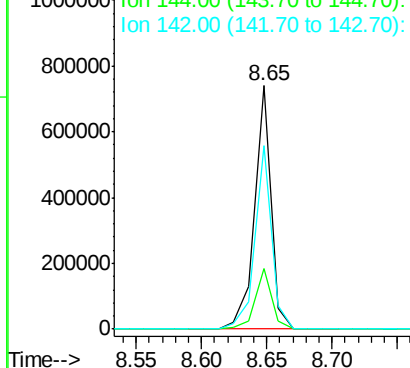
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.8	18.9	28.3	
142	75.2	58.5	87.7	

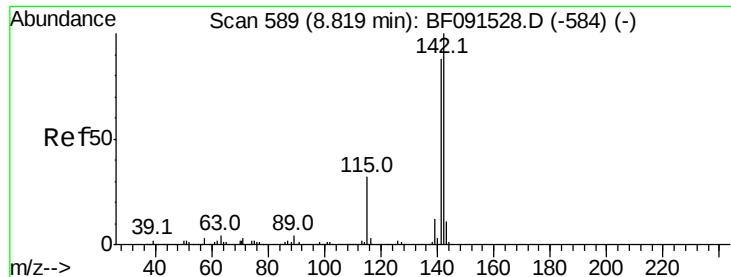


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.92 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

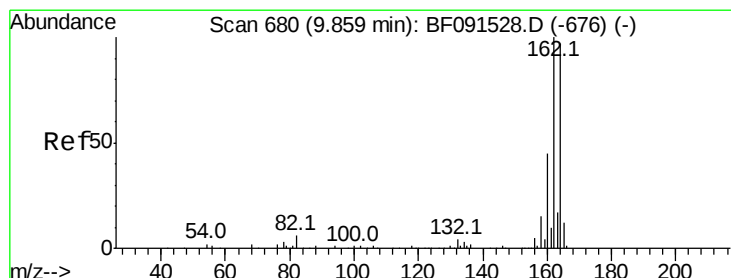
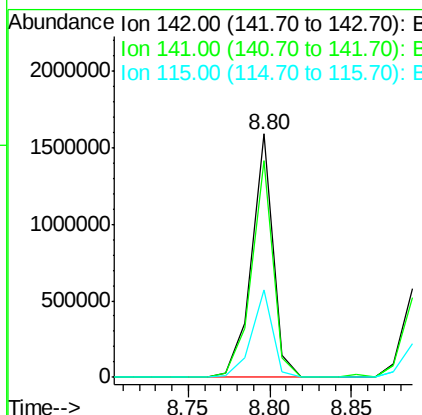
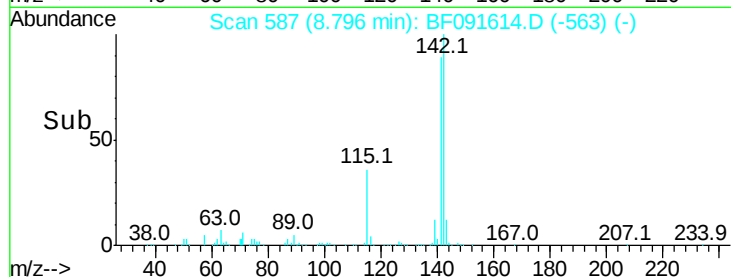
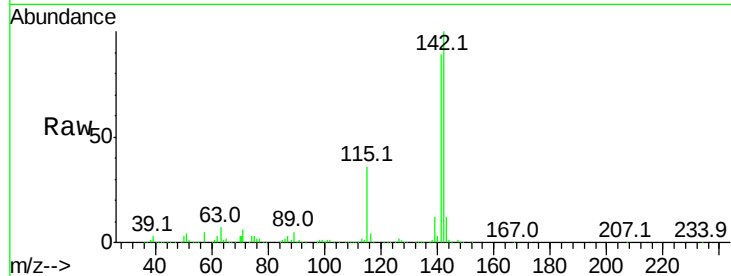
Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion:142 Resp: 1456051

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	35.7	25.0	37.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

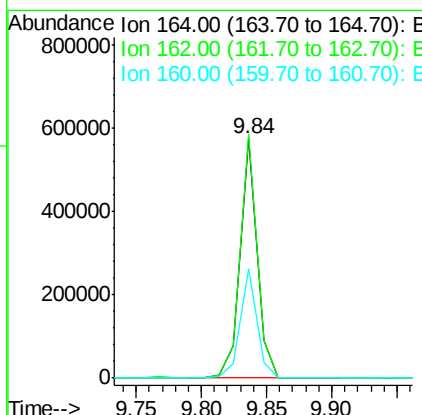
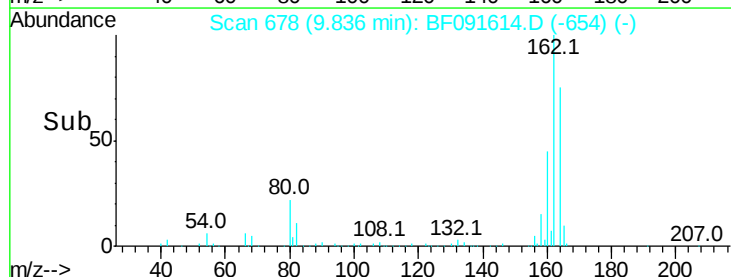
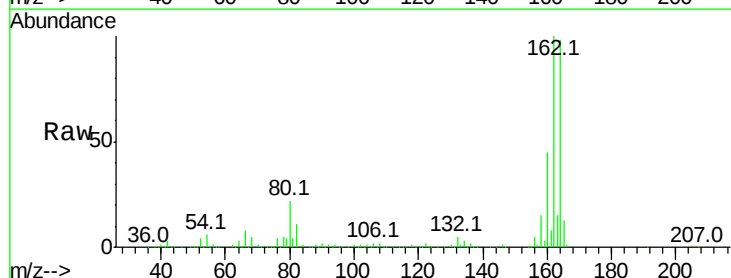
Delta R.T. -0.02 min

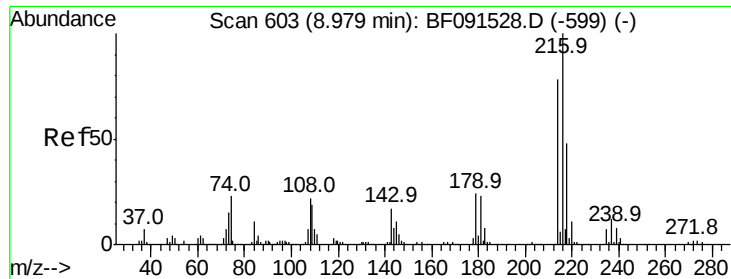
Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion:164 Resp: 513521

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	45.5	36.7	55.1





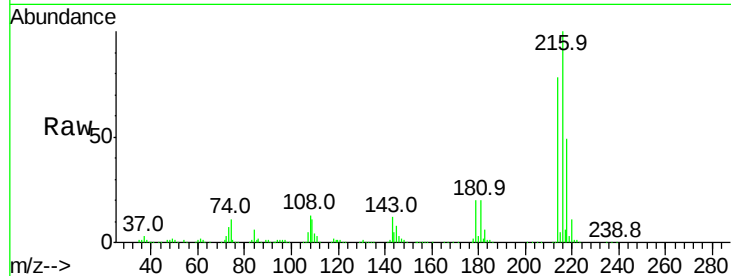
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.84 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.7	63.8	95.8
179	22.0	18.2	27.2
108	19.4	17.2	25.8

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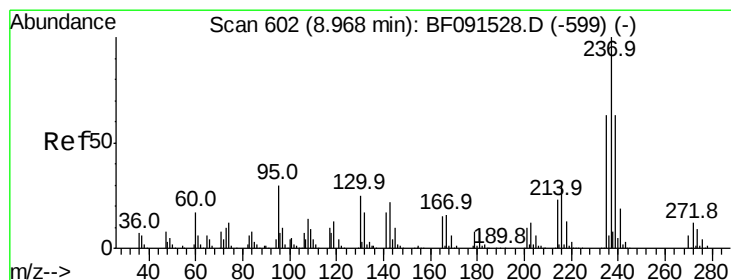
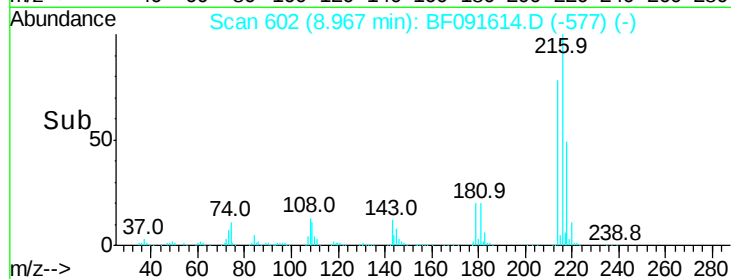
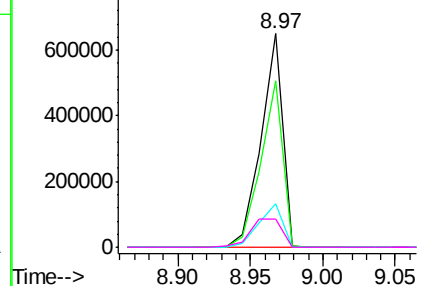
Abundance

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: 29.40 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

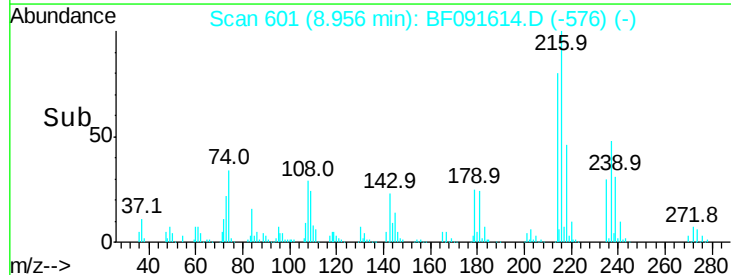
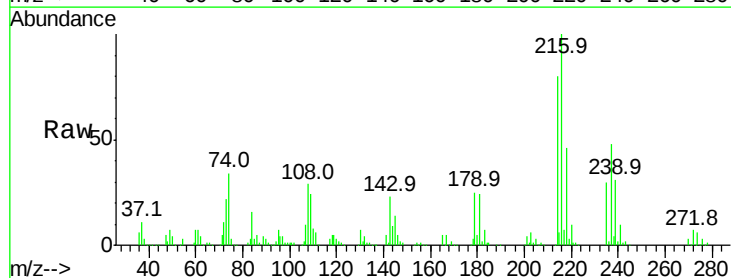
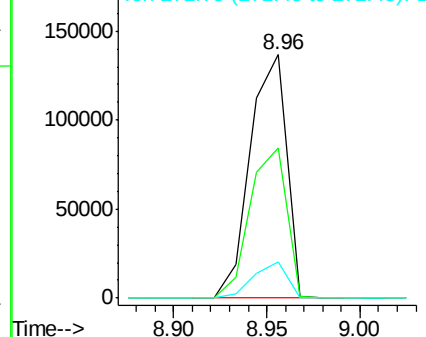
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.8	43.9	83.9
272	14.7	0.0	33.1

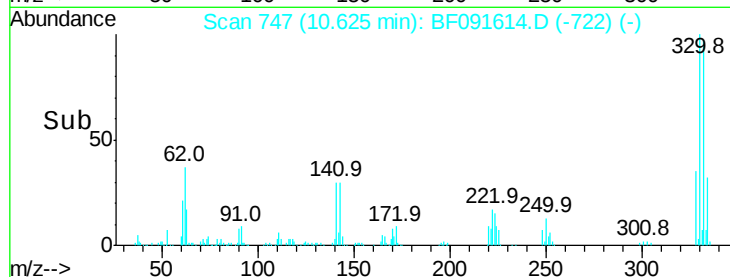
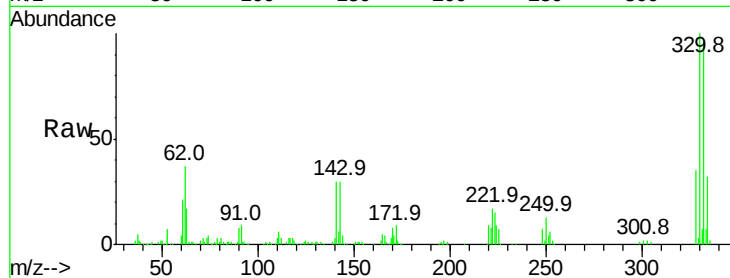
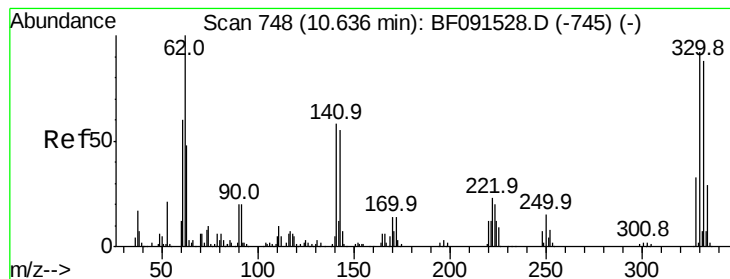
Abundance

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: 59.71 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tot Ion:	330	Resp:	254680
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.2	114.4
141	36.4	33.6	50.4

Instrument :

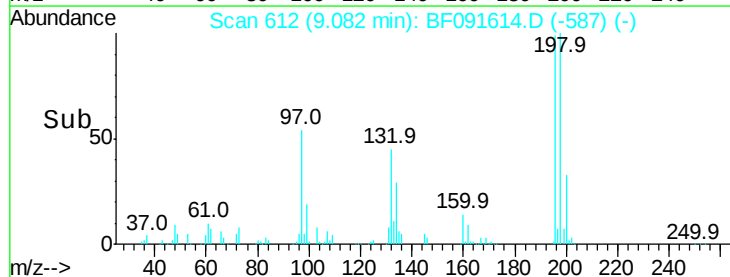
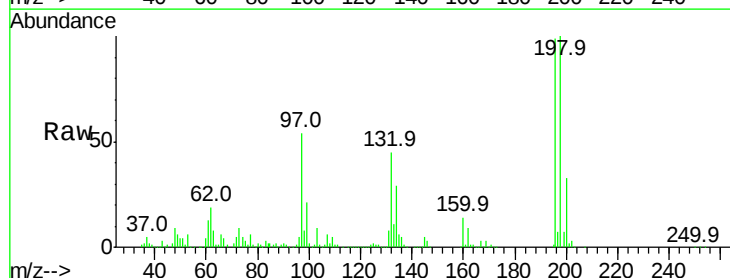
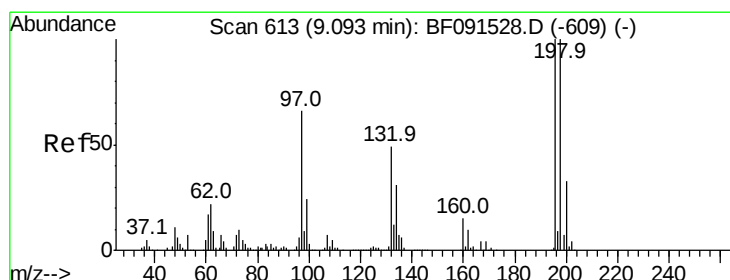
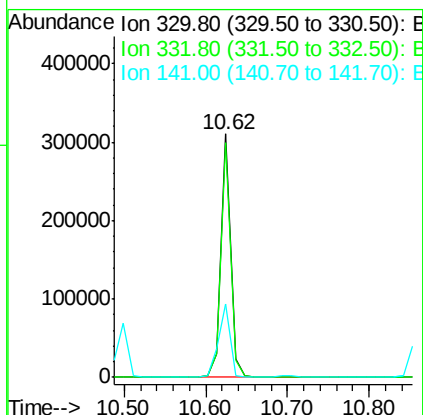
BNA_F

ClientSampleId :

PB95264BS

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 43.78 ng

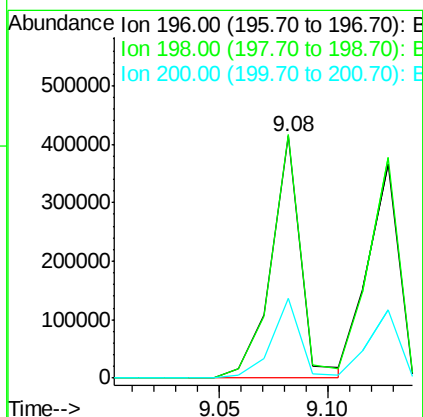
RT: 9.08 min Scan# 612

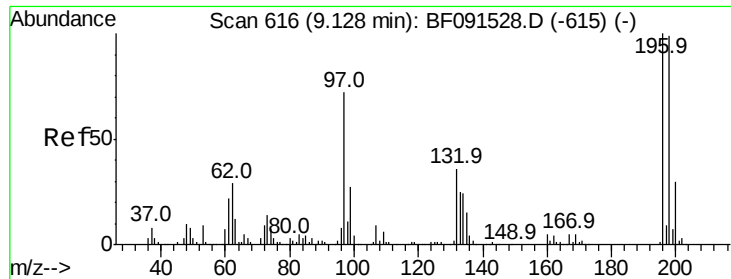
Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion:	196	Resp:	396176
Ion Ratio	Lower	Upper	
196	100		
198	100.7	77.4	116.0
200	32.8	25.2	37.8





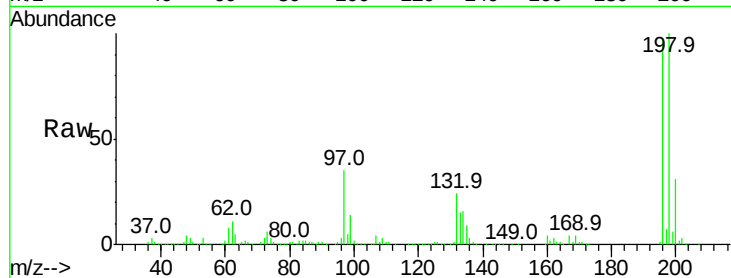
#43
2,4,5-Trichlorophenol
Concen: 39.04 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	363046		
198	103.1	77.0	115.6	
97	36.6	33.5	50.3	
132	24.4	20.5	30.7	

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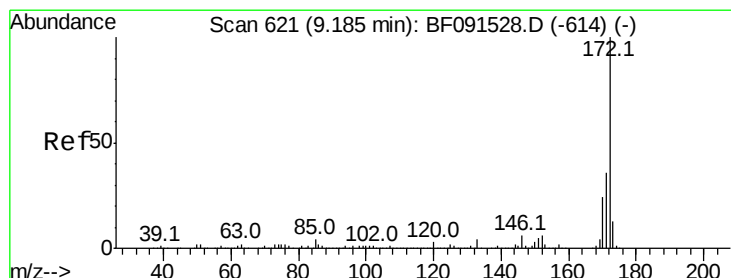
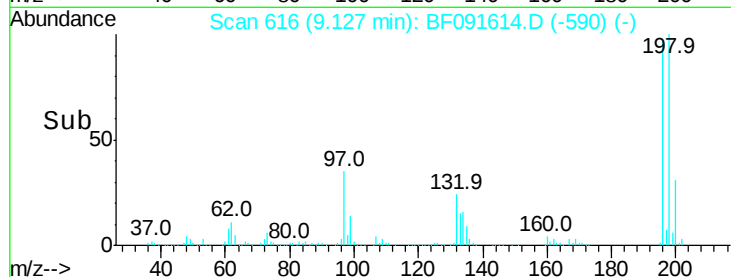
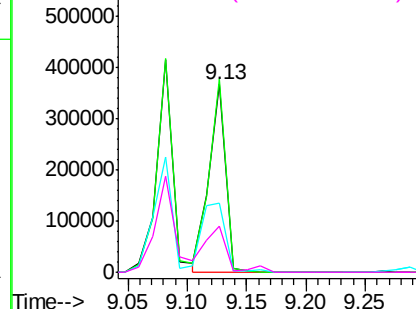
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 83.90 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

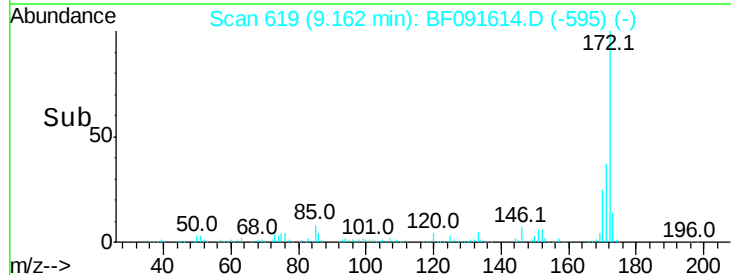
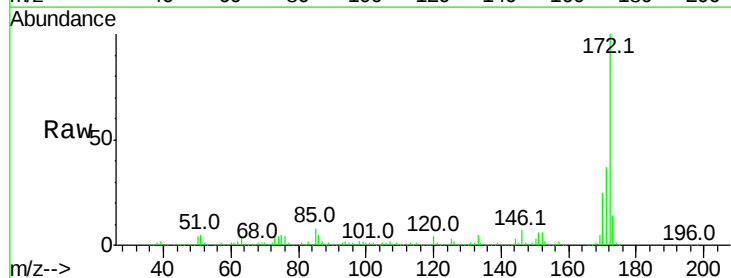
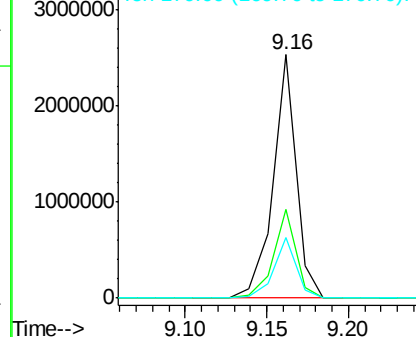
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2493472		
171	36.7	29.4	44.0	
170	24.8	19.7	29.5	

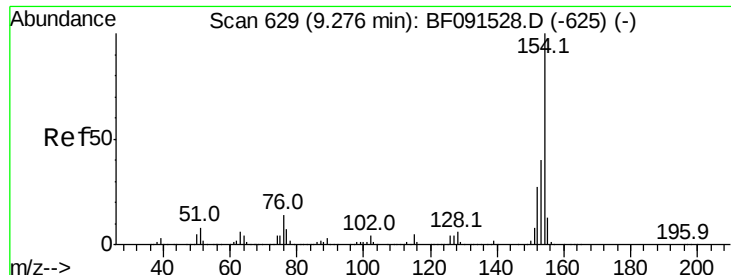
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





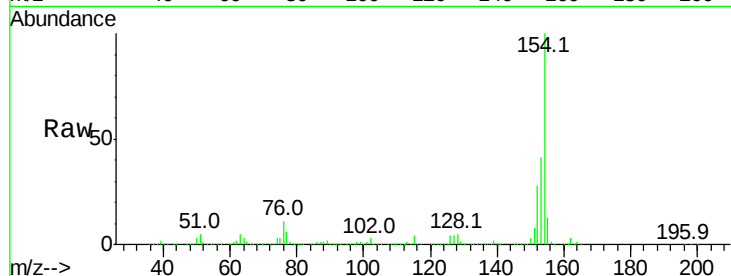
#45
1,1'-Biphenyl
Concen: 50.11 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleID :
PB95264BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	11.5	0.0	36.6

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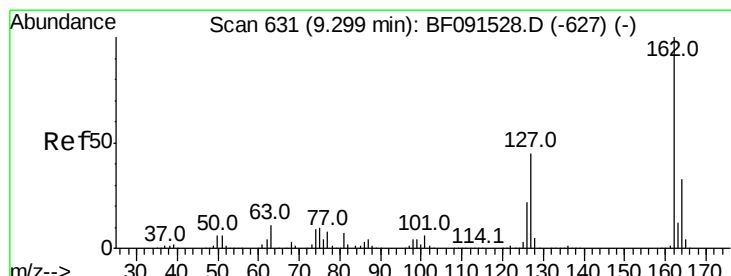
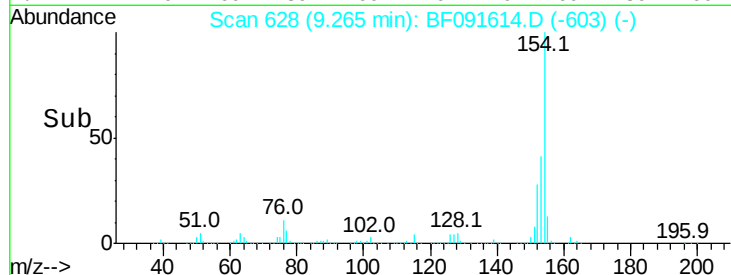
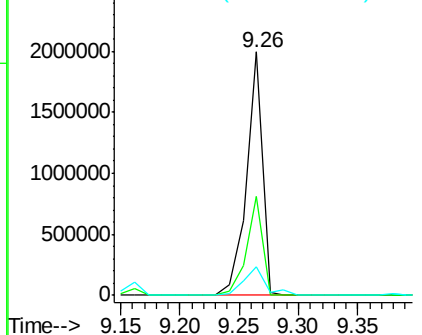


Abundance

Ion 154.00 (153.70 to 154.70): E

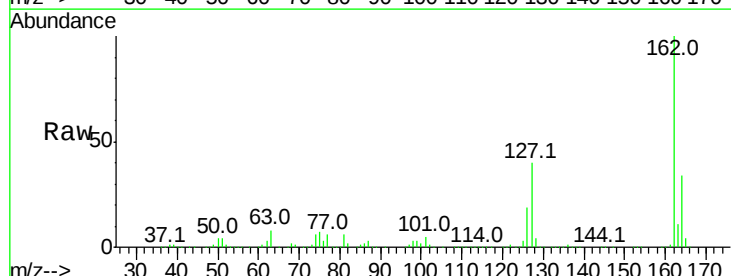
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 48.51 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	34.3	51.5
164	33.7	26.6	40.0

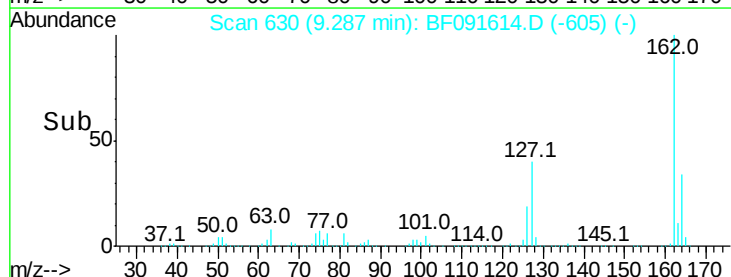
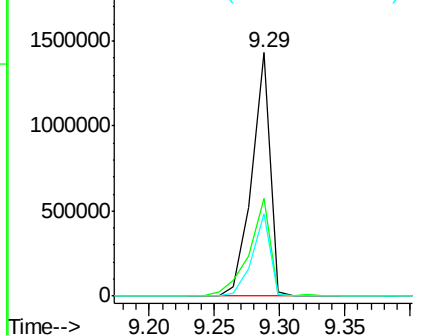


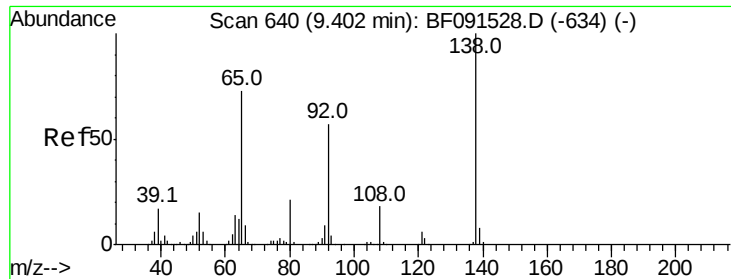
Abundance

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





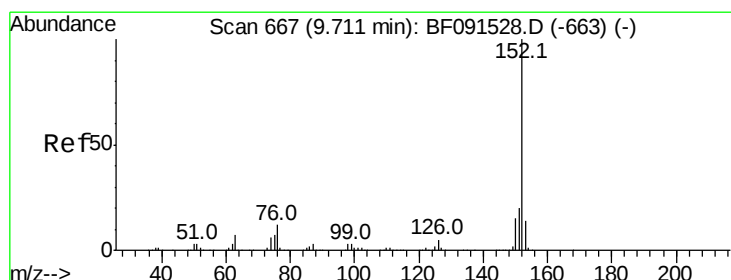
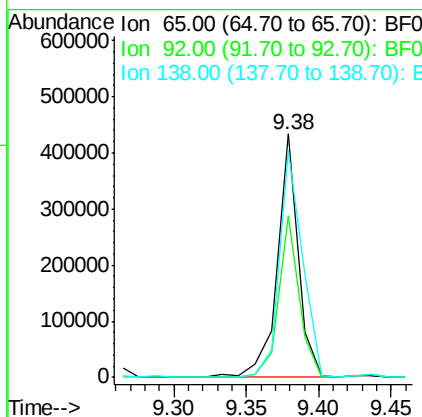
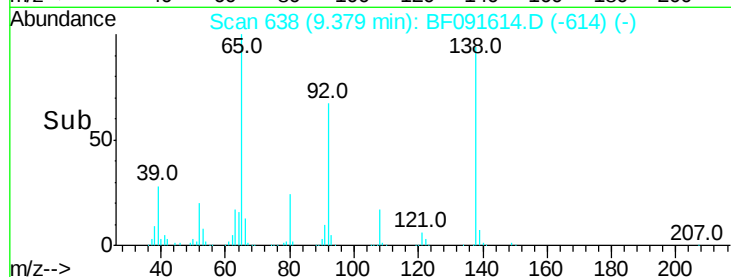
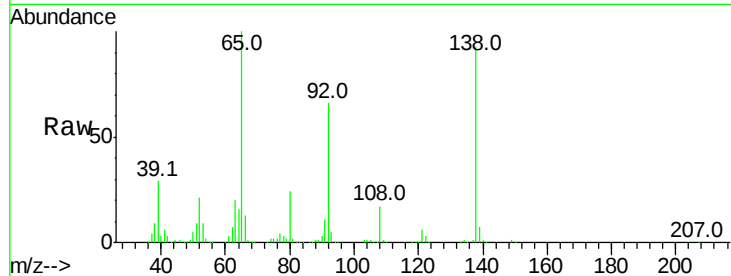
#47
2-Nitroaniline
Concen: 44.69 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.5	53.6	80.4
138	93.2	91.0	136.6

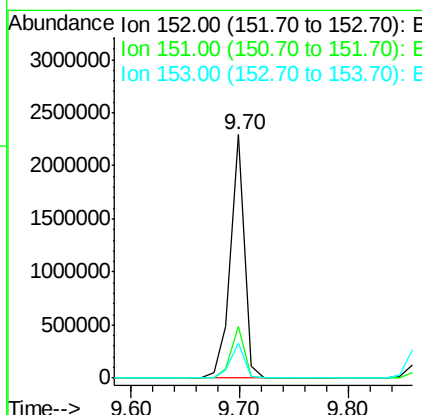
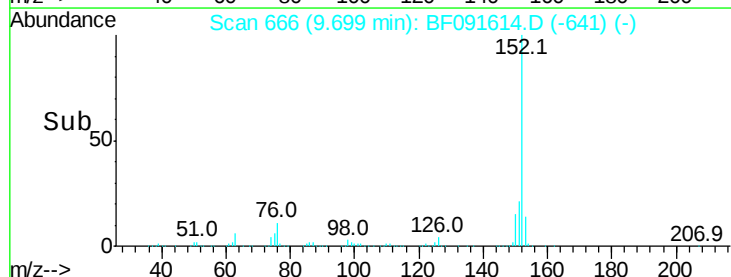
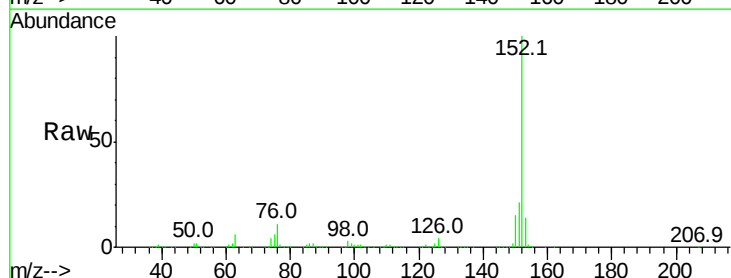
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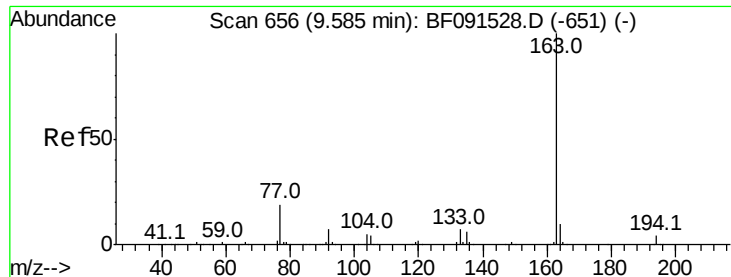
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#48
Acenaphthylene
Concen: 45.96 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	24.8
153	14.3	10.7	16.1





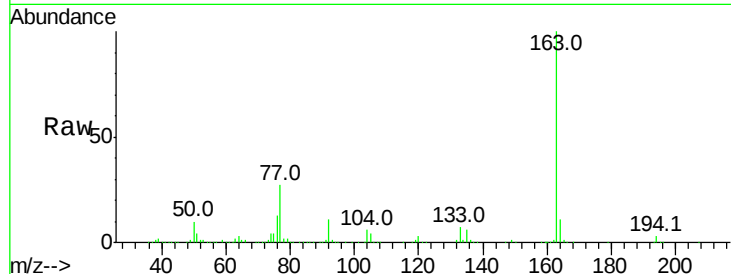
#49
Dimethylphthalate
Concen: 45.90 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

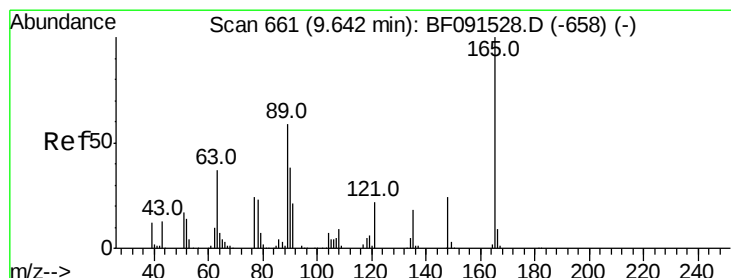
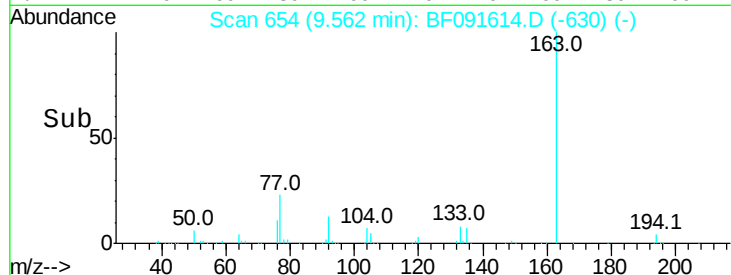
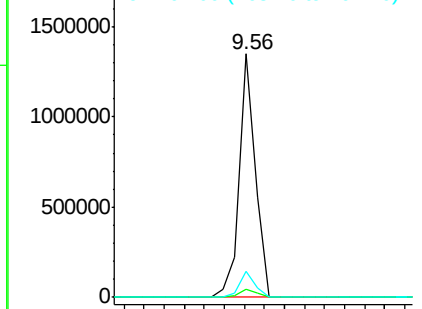
Tot Ion:163 Resp: 1492334
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.8 7.8 11.8

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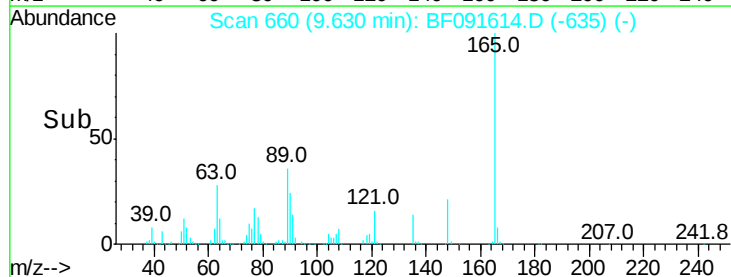
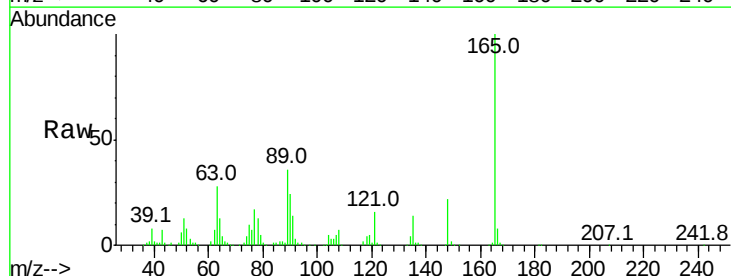
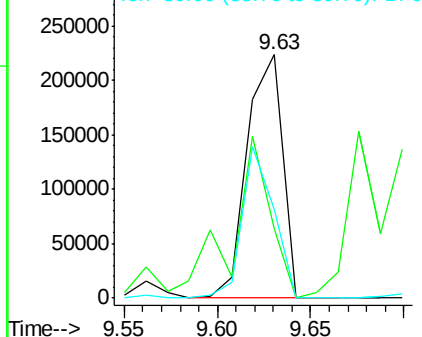
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

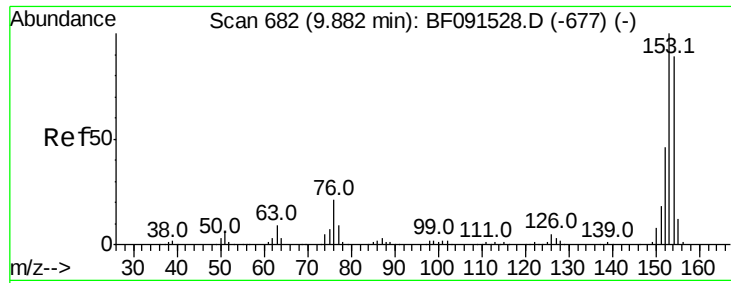


#50
2,6-Dinitrotoluene
Concen: 41.11 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion:165 Resp: 293417
Ion Ratio Lower Upper
165 100
63 28.3 59.4 89.0#
89 36.4 50.8 76.2#

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





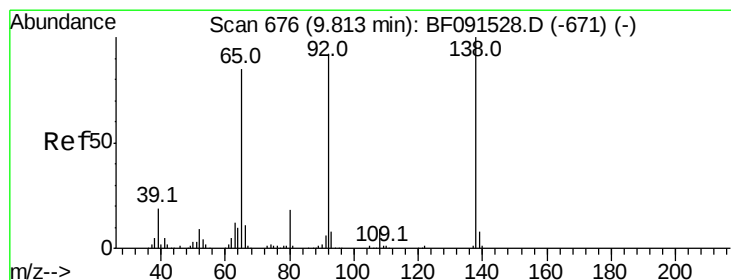
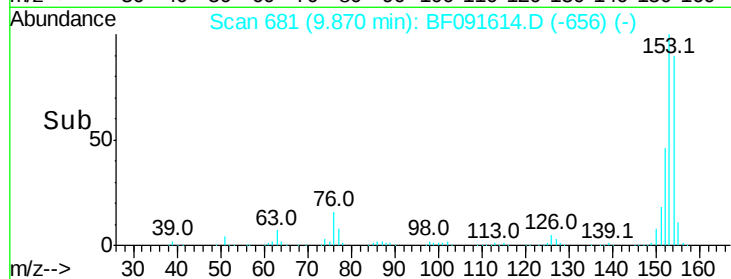
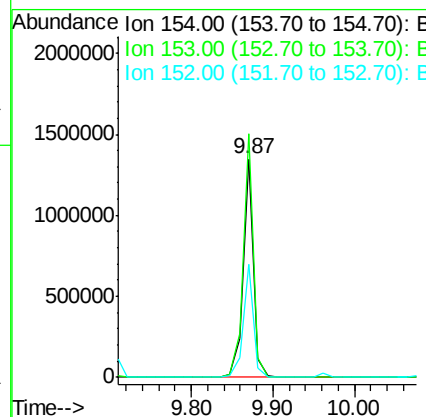
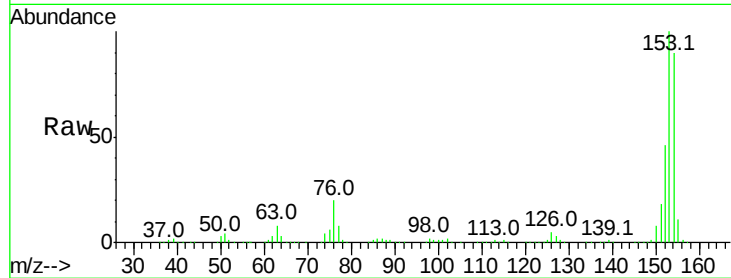
#51
Acenaphthene
Concen: 39.11 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.0	136.6
152	51.7	44.2	66.2

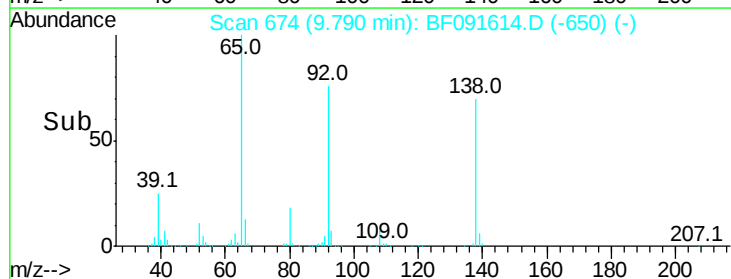
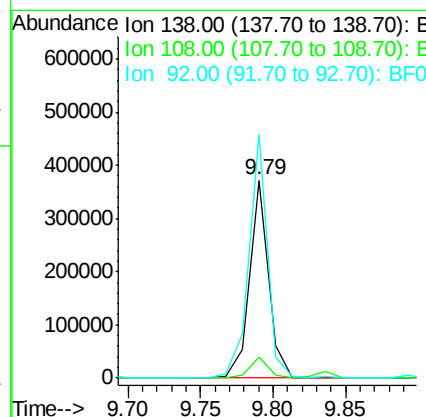
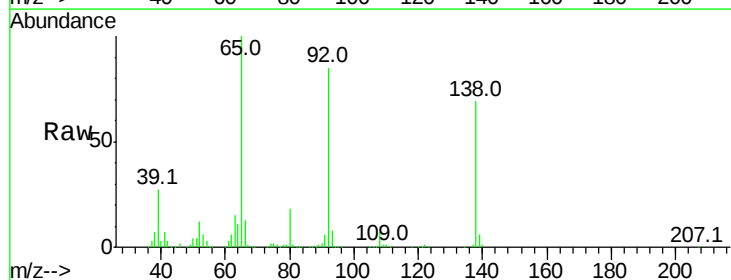
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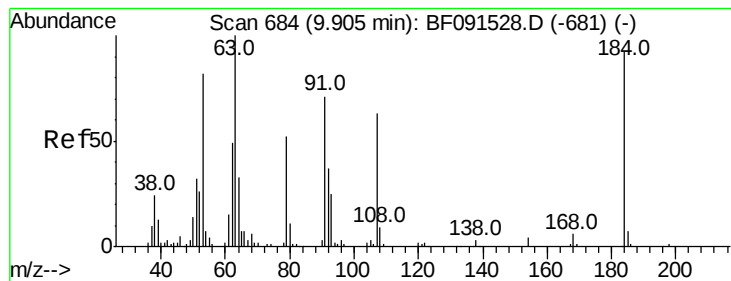
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#52
3-Nitroaniline
Concen: 40.50 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.1	12.1
92	123.0	92.5	138.7





#53

2,4-Dinitrophenol

Concen: 8.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

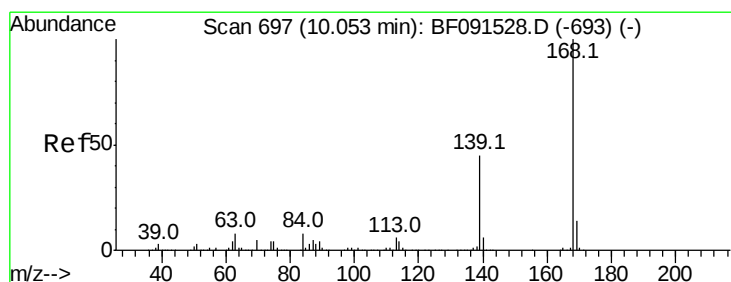
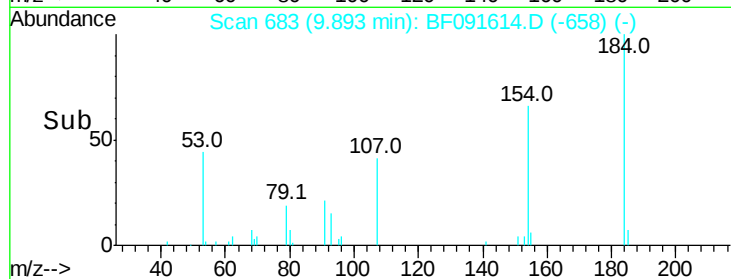
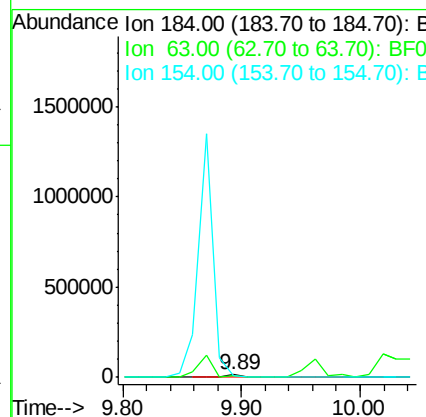
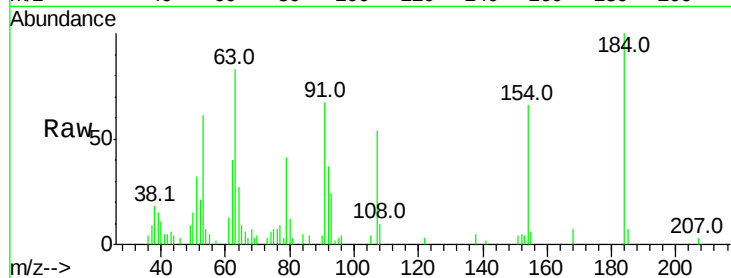
ClientSampleId :

PB95264BS

Tot Ion:	184	Resp:	15916
Ion Ratio	Lower	Upper	
184	100		
63	82.8	58.3	87.5
154	66.2	48.6	73.0

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#54

Dibenzofuran

Concen: 45.45 ng

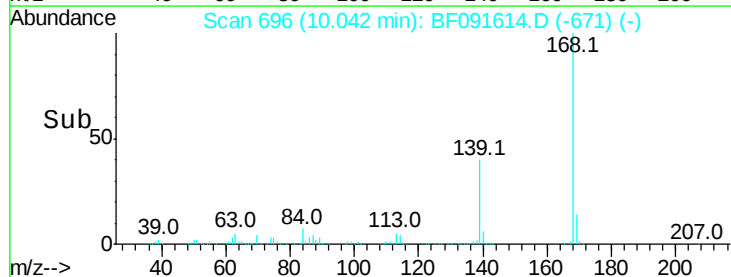
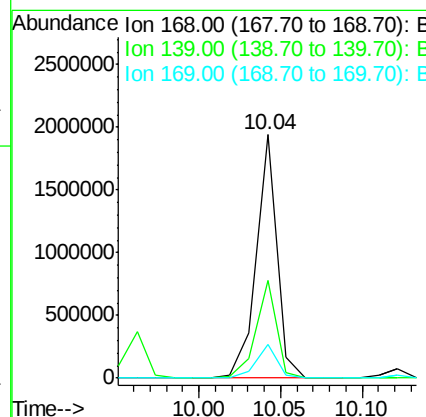
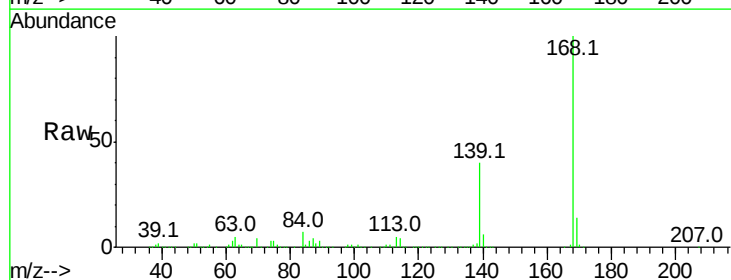
RT: 10.04 min Scan# 696

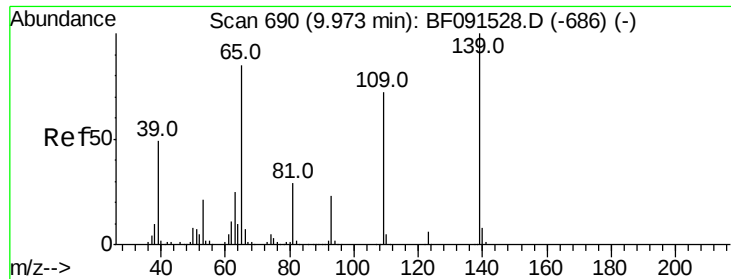
Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion:	168	Resp:	1714831
Ion Ratio	Lower	Upper	
168	100		
139	40.0	33.4	50.2
169	13.9	11.1	16.7





#55

4-Nitrophenol

Concen: 55.96 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

ClientSampleId :

PB95264BS

Tot Ion:139 Resp: 349043

Ion Ratio Lower Upper

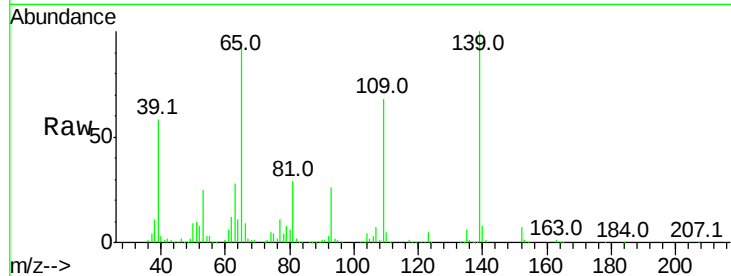
139 100

109 67.6 54.9 94.9

65 92.3 102.2 142.2#

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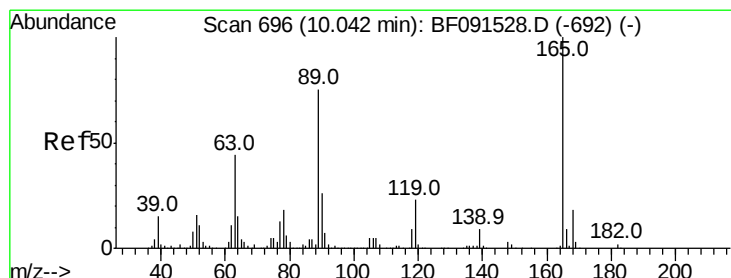
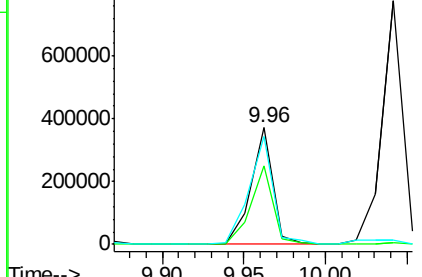
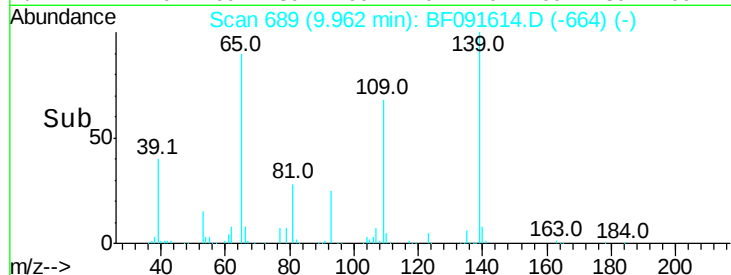
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.96 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion:165 Resp: 357508

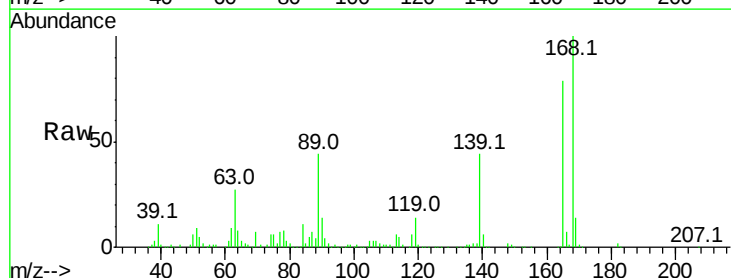
Ion Ratio Lower Upper

165 100

63 34.4 29.0 43.4

89 55.3 43.1 64.7

182 2.4 1.9 2.9

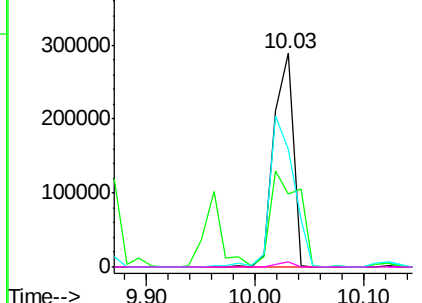
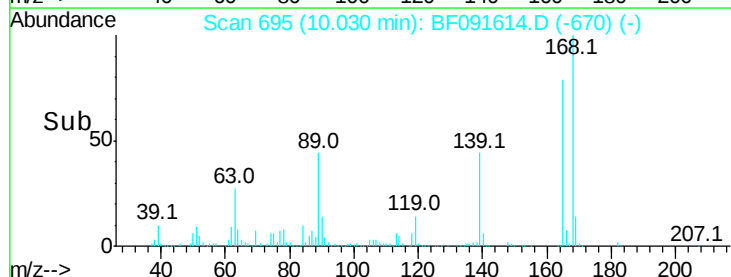


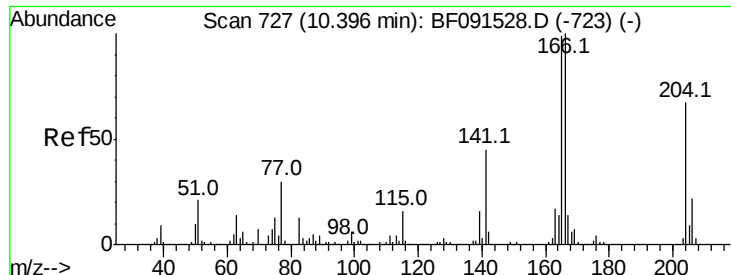
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





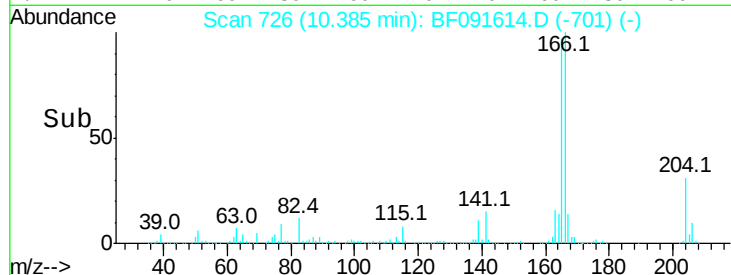
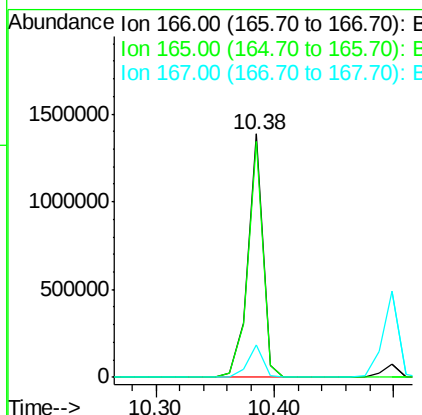
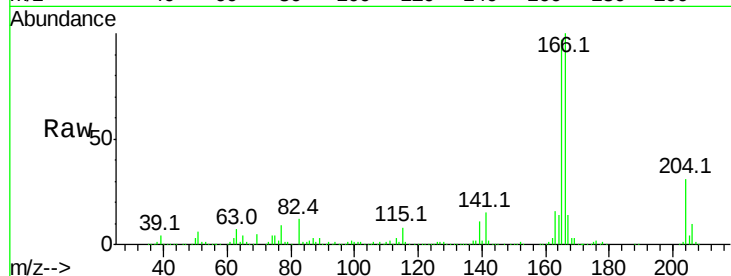
#57
Fluorene
 Concen: 45.71 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.2	80.0	120.0
167	13.5	10.8	16.2

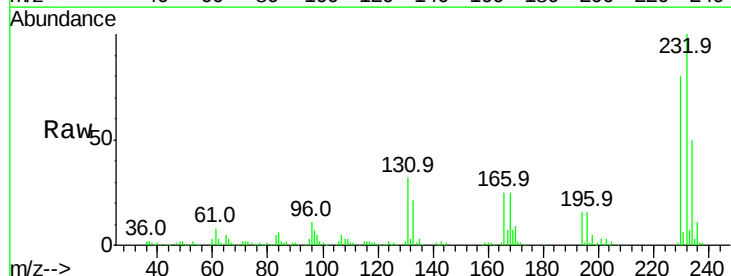
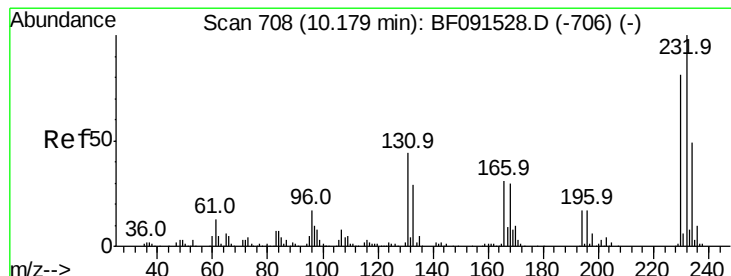
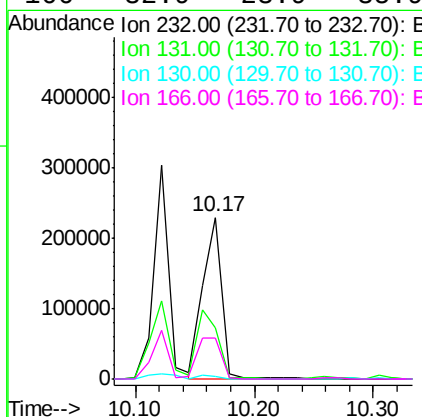
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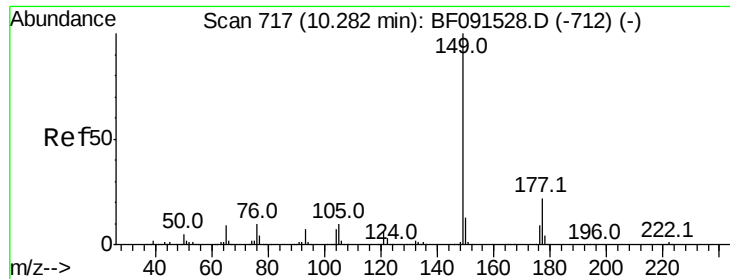
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.30 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.3	38.4	57.6
130	0.0	1.8	2.8#
166	32.9	23.9	35.9





#59

Diethylphthalate

Concen: 50.08 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

ClientSampleId :

PB95264BS

Tot Ion:149 Resp: 1568174

Ion Ratio Lower Upper

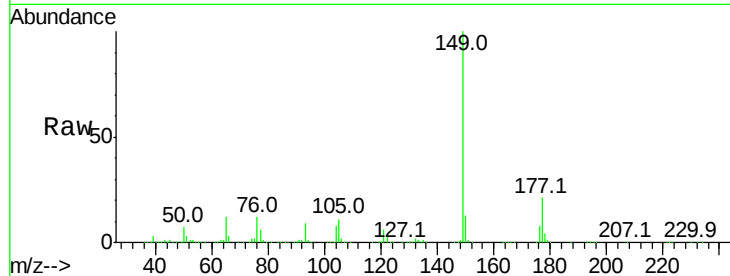
149 100

177 21.0 15.7 23.5

150 12.9 10.2 15.2

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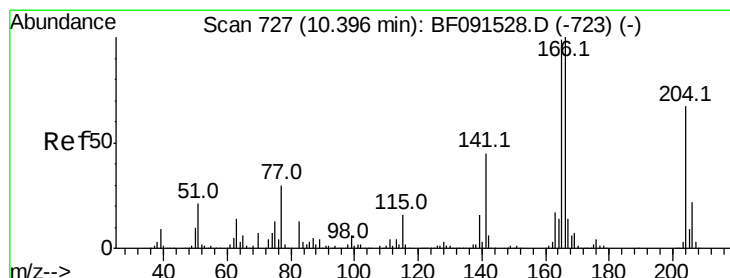
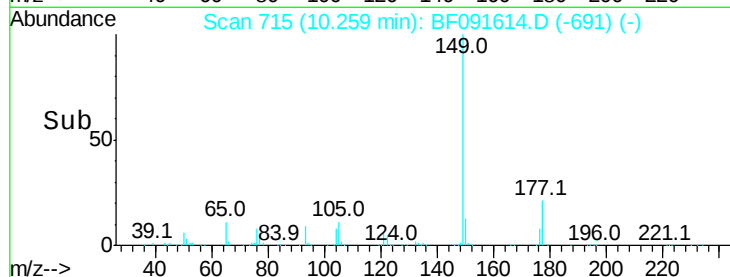
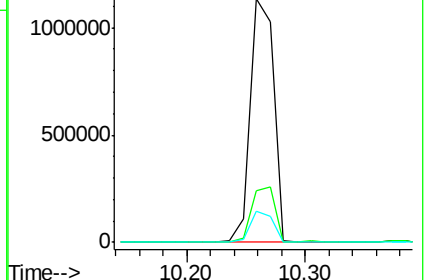
sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.44 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

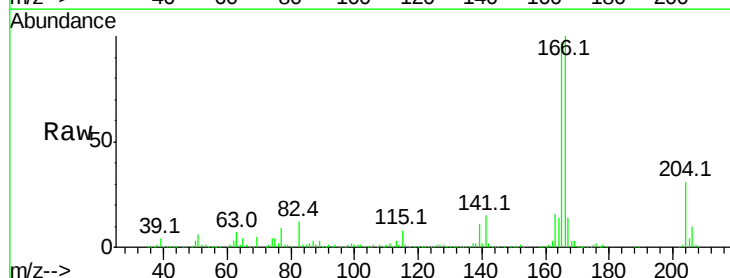
Tgt Ion:204 Resp: 589261

Ion Ratio Lower Upper

204 100

206 33.2 26.1 39.1

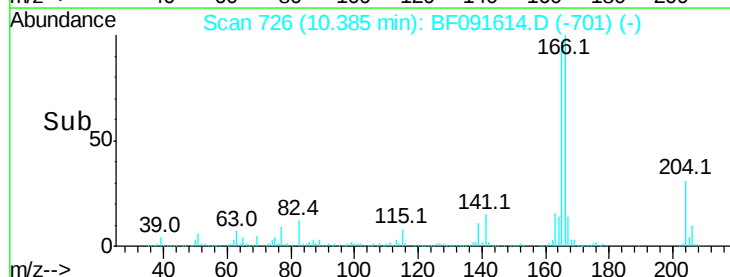
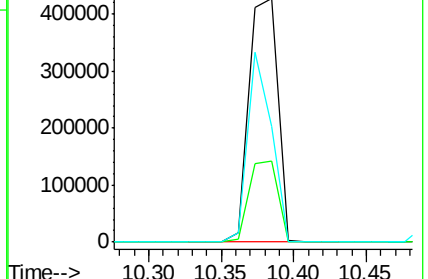
141 47.6 40.6 61.0

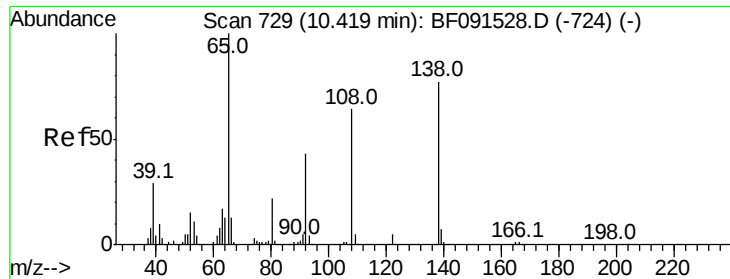


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





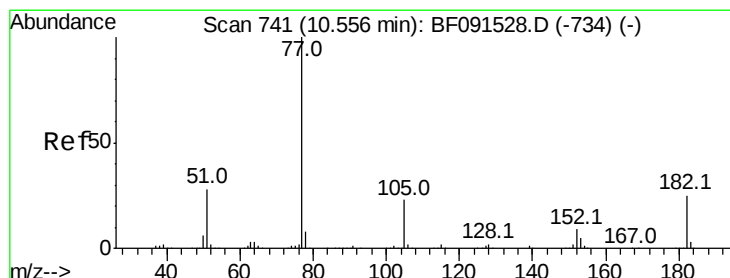
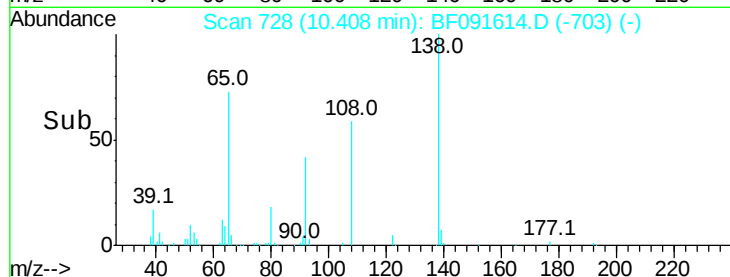
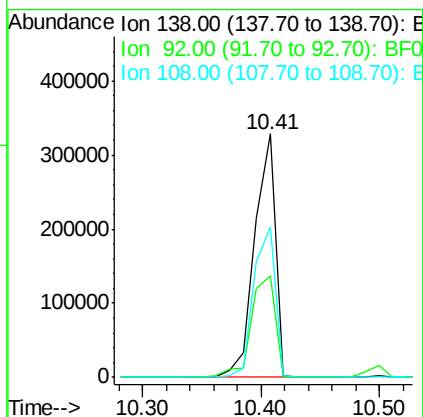
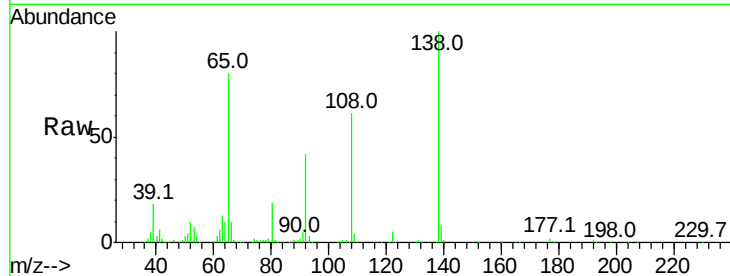
#61
4-Nitroaniline
Concen: 48.61 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.9	26.9	66.9
108	61.4	49.1	89.1

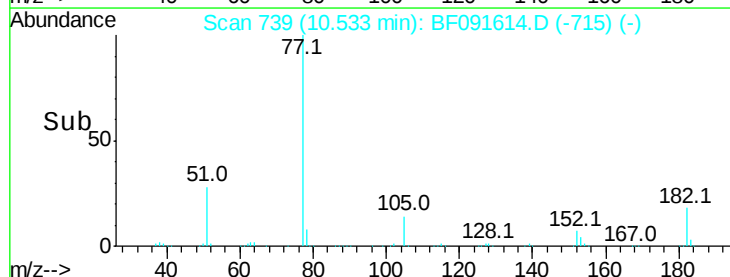
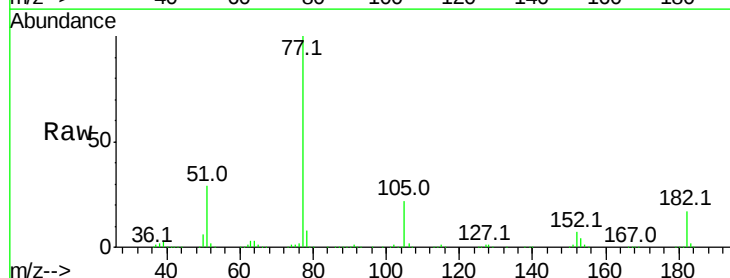
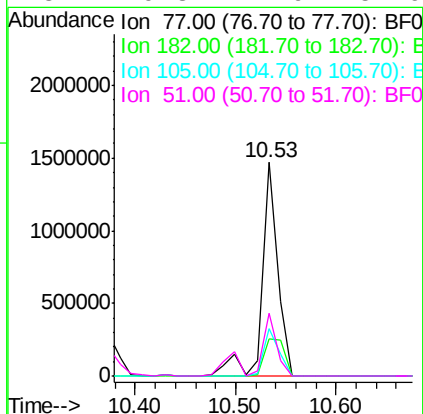
Manual Integrations
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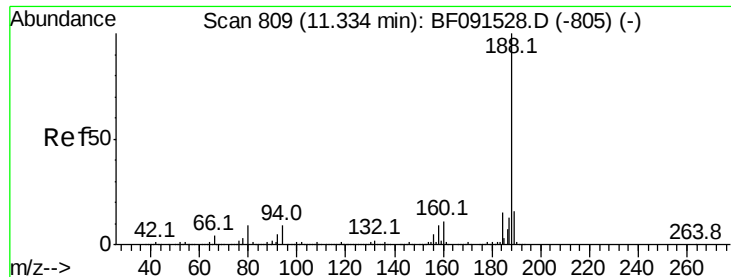
sohil
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#62
Azobenzene
Concen: 44.73 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.1	12.5	52.5
105	22.1	3.7	43.7
51	29.3	11.9	51.9





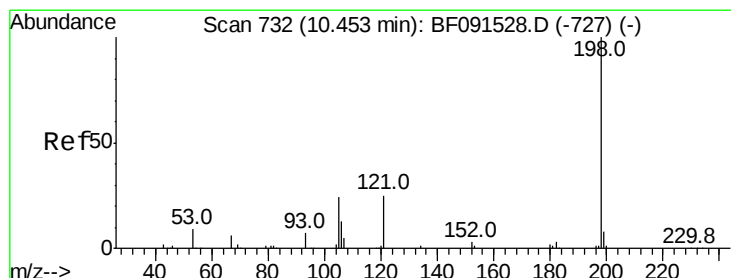
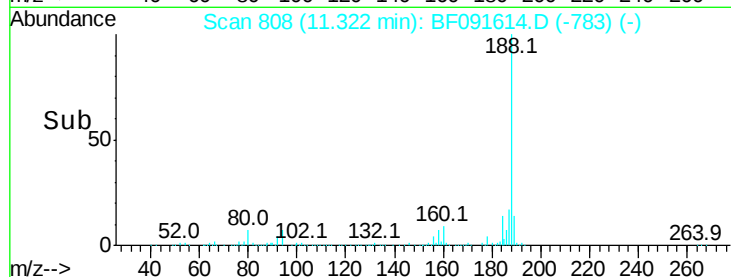
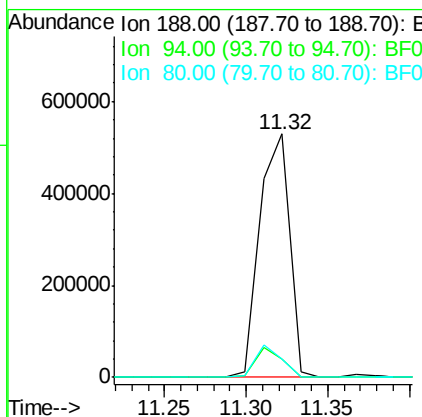
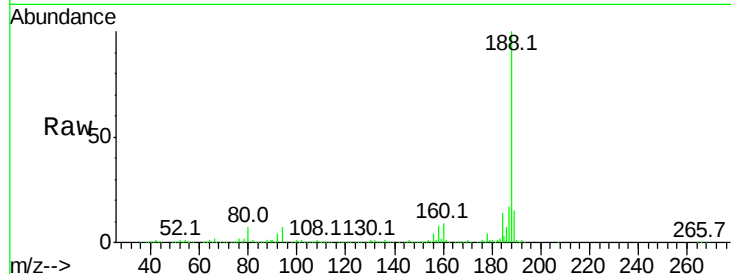
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.4	9.2	13.8#
80	7.4	10.5	15.7#

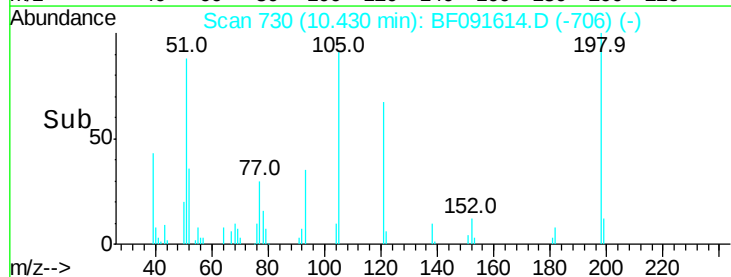
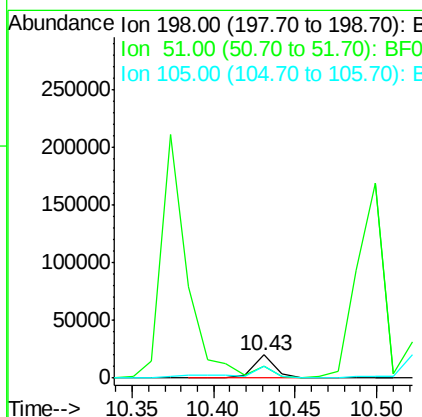
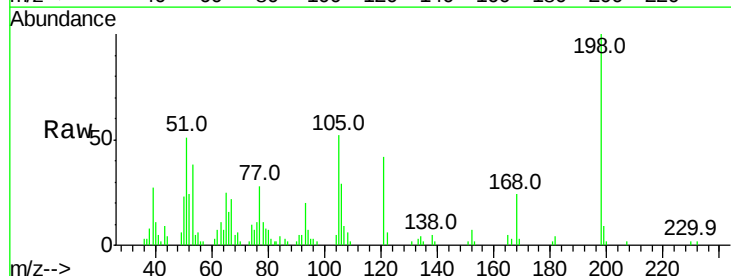
Manual Integrations
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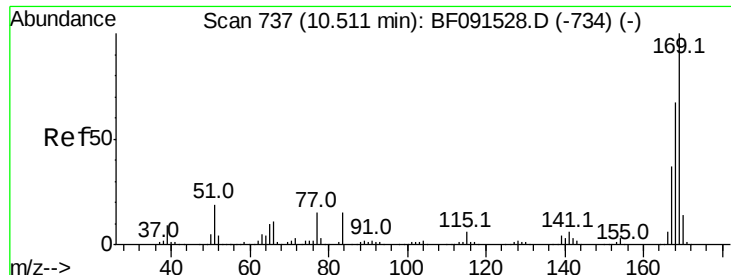
sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.06 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	51.5	77.1	117.1#
105	52.0	44.8	84.8





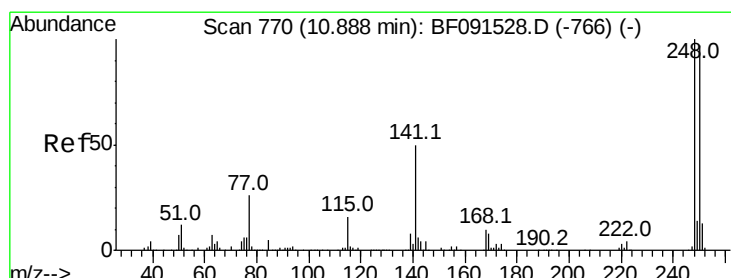
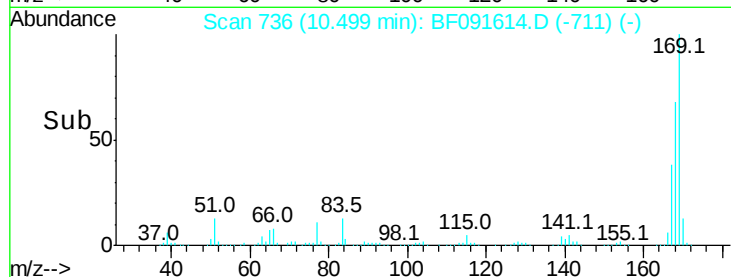
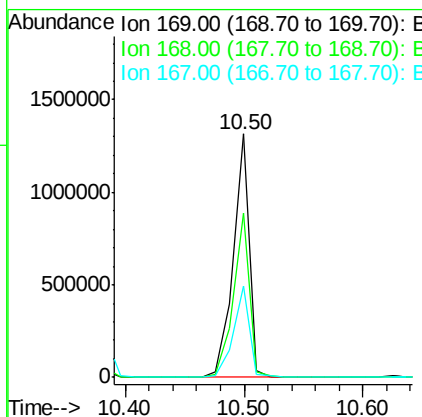
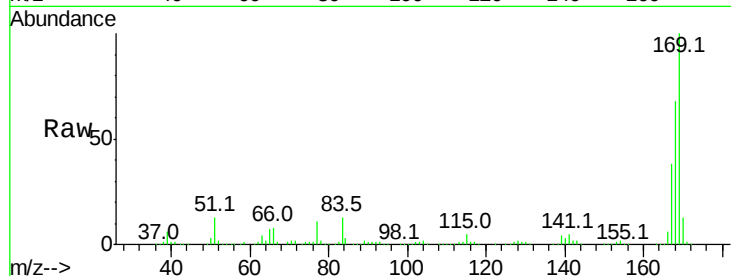
#65
n-Nitrosodiphenylamine
Concen: 60.36 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.8	80.8
167	37.6	29.8	44.8

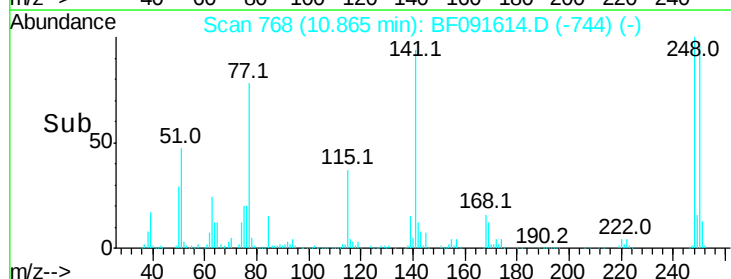
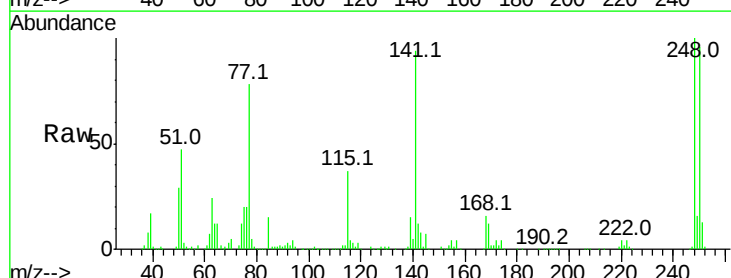
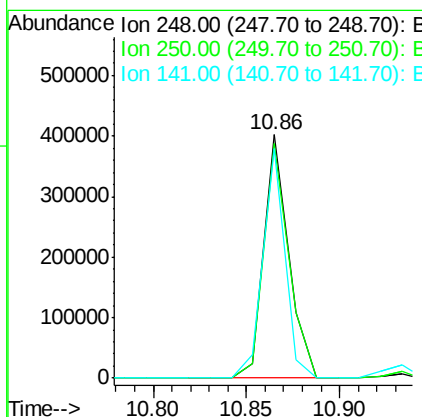
Manual Integrations
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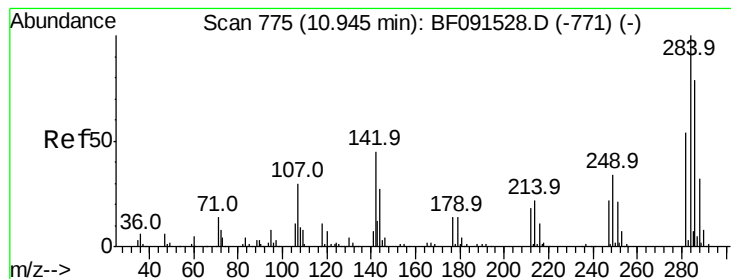
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#66
4-Bromophenyl-phenylether
Concen: 53.06 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.2	117.4
141	94.4	71.9	107.9





#67

Hexachlorobenzene

Concen: 53.47 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

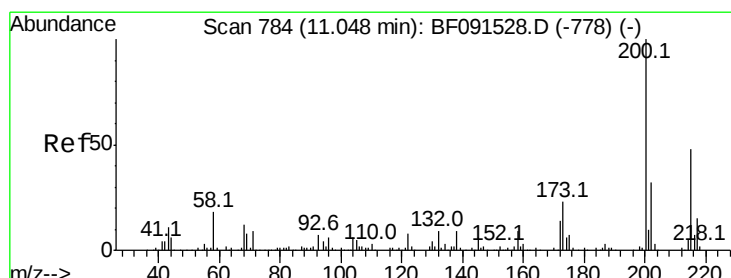
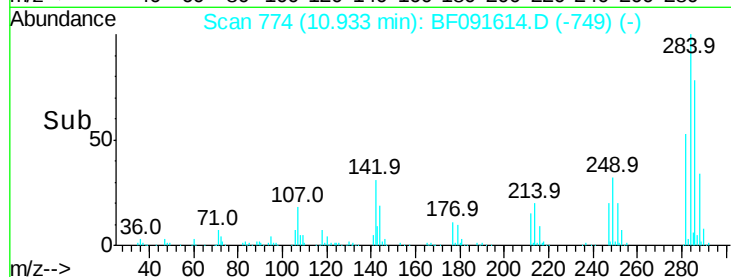
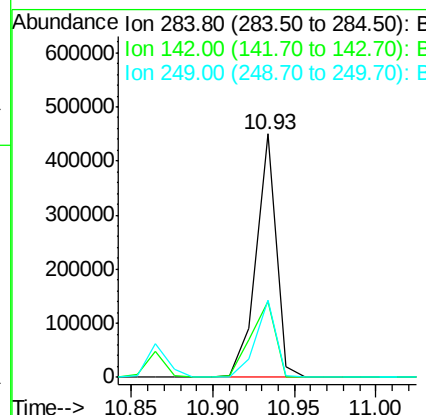
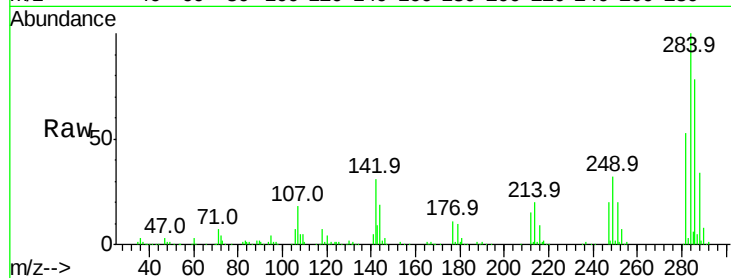
ClientSampleId :

PB95264BS

Tot Ion:	284	Resp:	386742
Ion Ratio	Lower	Upper	
284	100		
142	31.0	17.9	26.9#
249	31.8	23.6	35.4

Manual Integrations
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#68

Atrazine

Concen: 44.97 ng

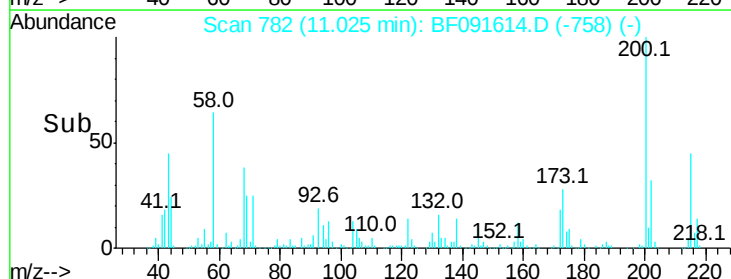
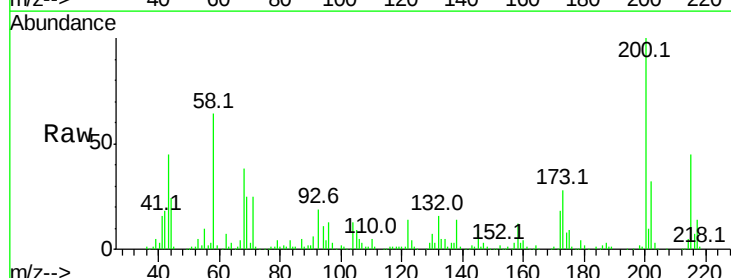
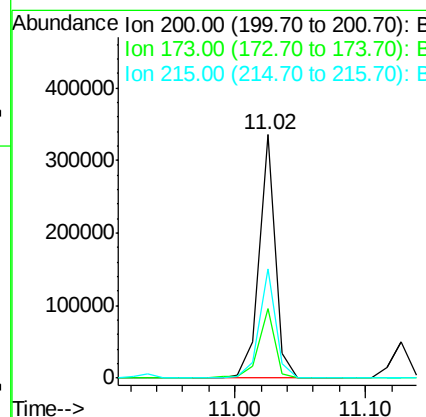
RT: 11.02 min Scan# 782

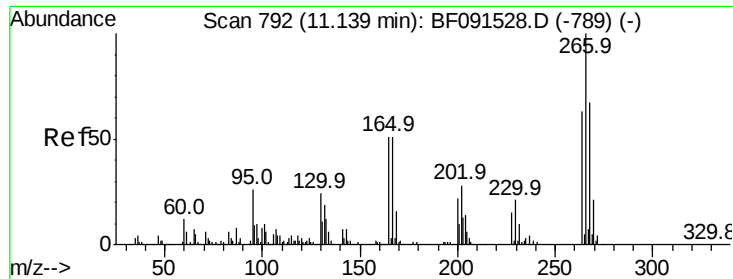
Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion:	200	Resp:	292466
Ion Ratio	Lower	Upper	
200	100		
173	28.4	7.8	47.8
215	44.9	24.3	64.3





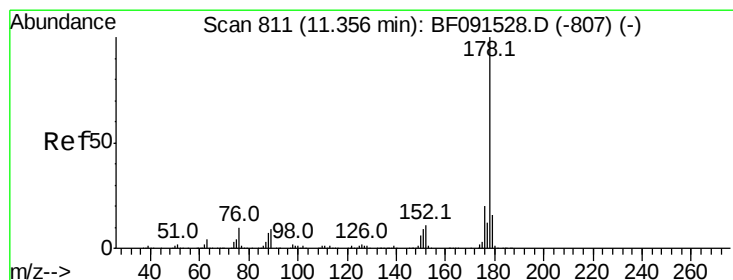
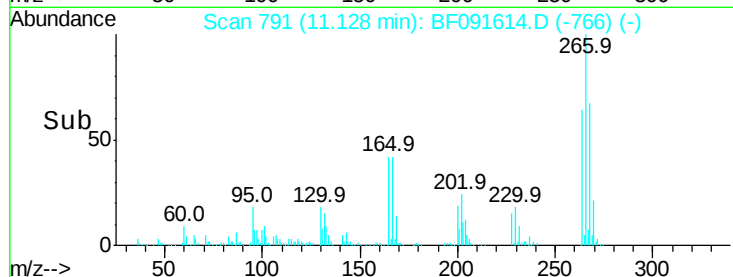
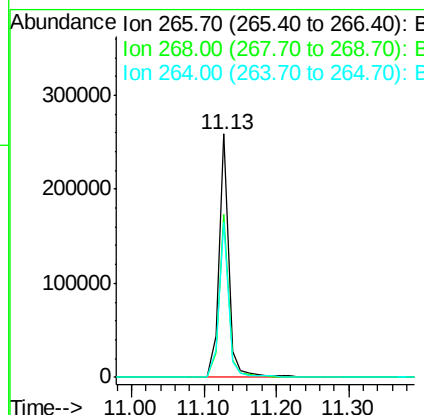
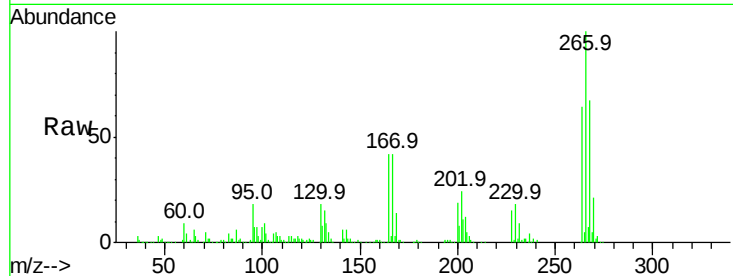
#69
 Pentachlorophenol
 Concen: 60.22 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	245153		
268	67.0	50.3	75.5	
264	63.8	48.2	72.2	

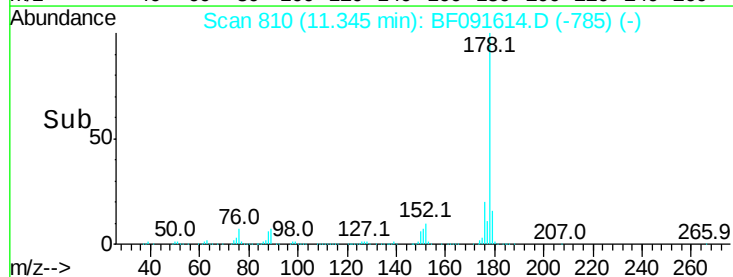
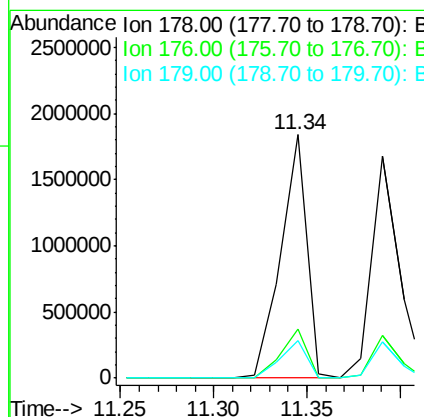
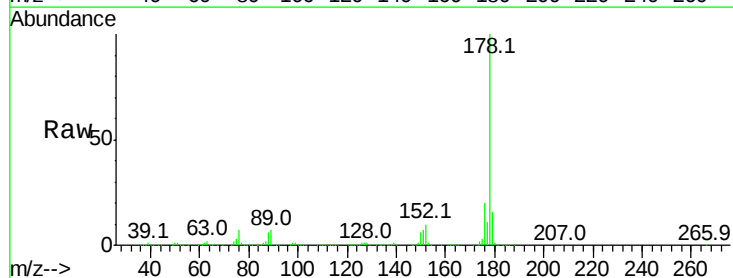
Manual Integrations
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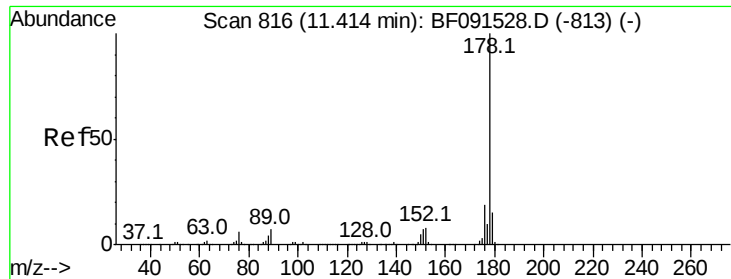
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#70
 Phenanthrene
 Concen: 53.36 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1792848		
176	19.9	15.9	23.9	
179	15.7	12.6	18.8	





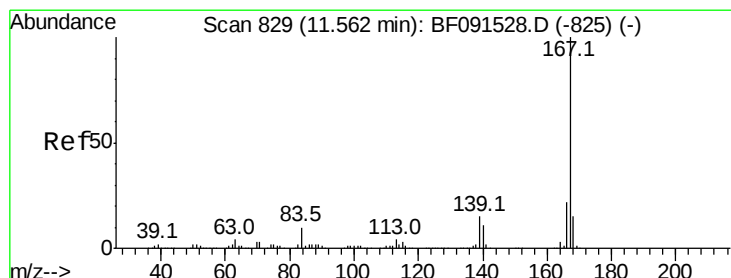
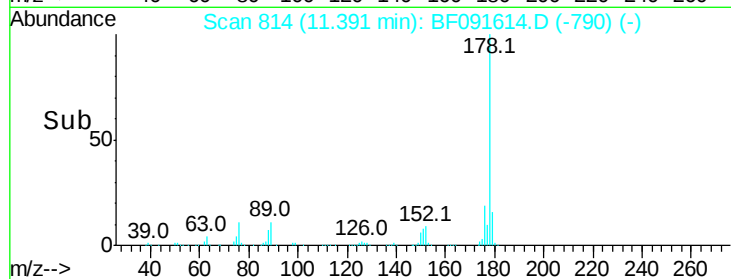
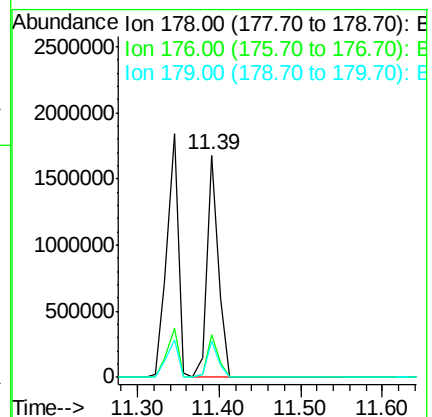
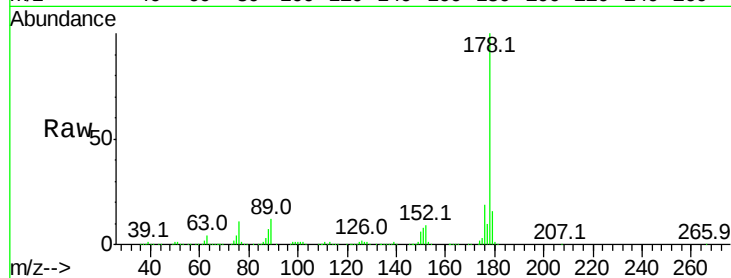
#71
 Anthracene
 Concen: 46.04 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BS

Tot Ion:178 Resp: 1668456
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 16.4 12.7 19.1

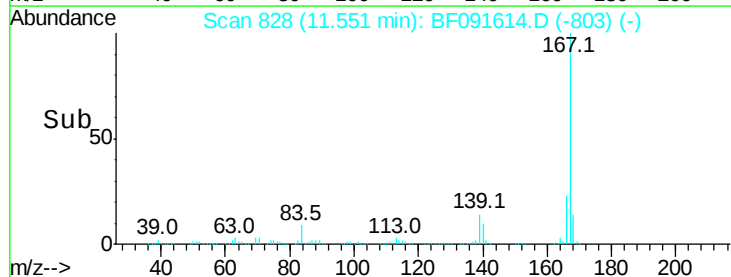
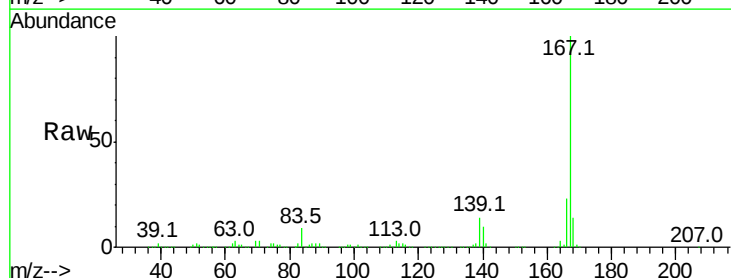
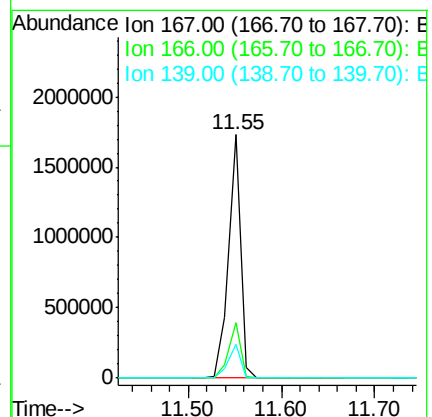
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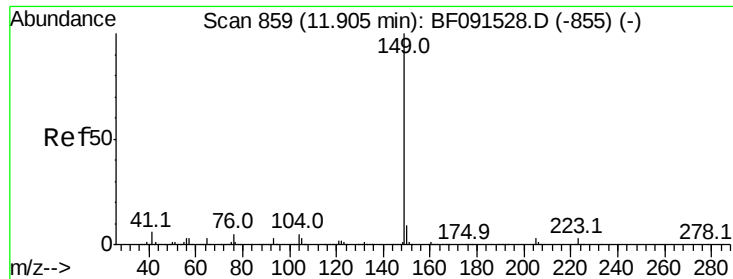
sohil
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#72
 Carbazole
 Concen: 48.79 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Tgt Ion:167 Resp: 1549859
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.0 11.5 17.3





#73

Di-n-butylphthalate

Concen: 56.67 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

ClientSampleId :

PB95264BS

Tot Ion:149 Resp: 2097286

Ion Ratio Lower Upper

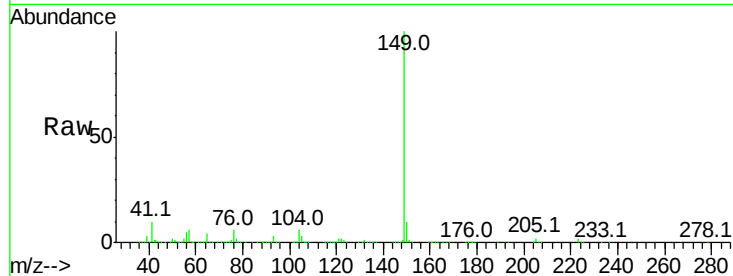
149 100

150 9.9 7.5 11.3

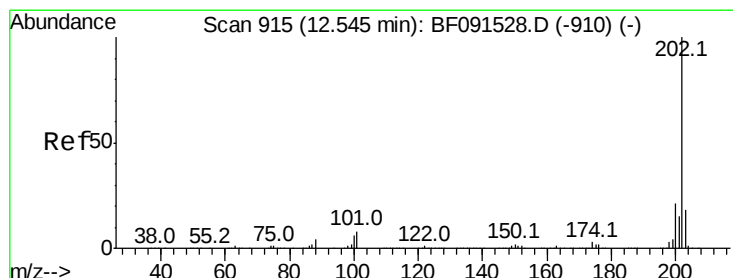
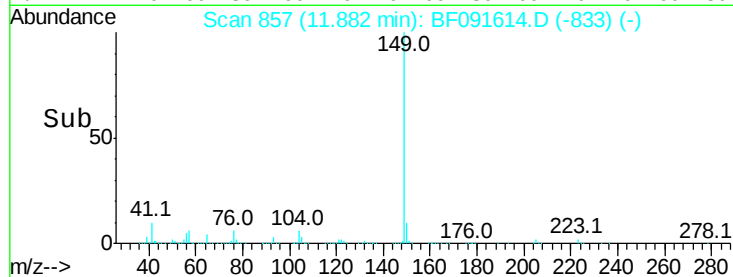
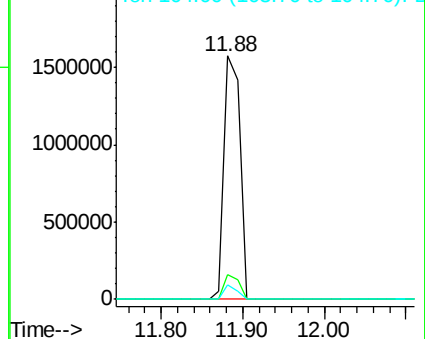
104 5.9 4.0 6.0

Manual Integrations
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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: 44.51 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

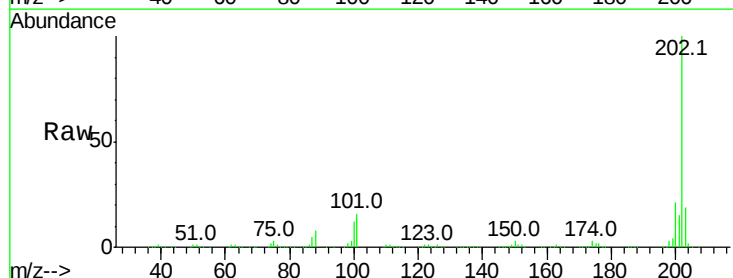
Tgt Ion:202 Resp: 1566015

Ion Ratio Lower Upper

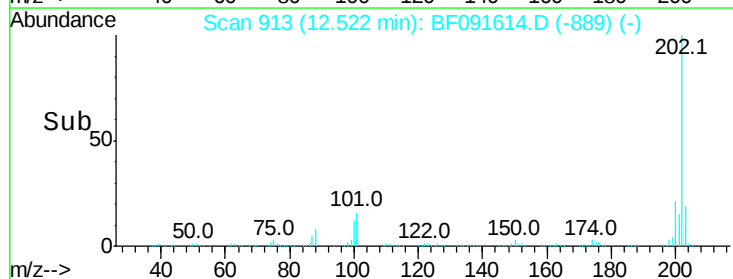
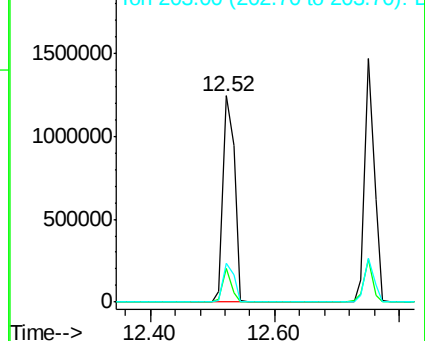
202 100

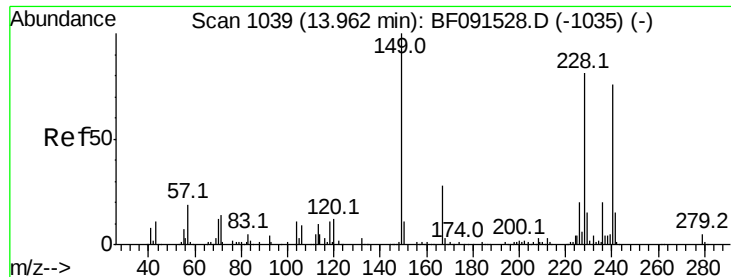
101 16.4 0.0 29.5

203 18.7 0.0 37.8



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

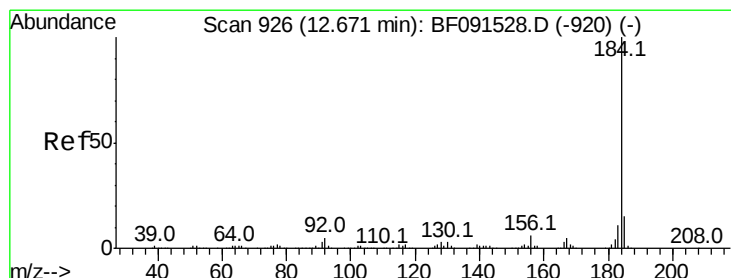
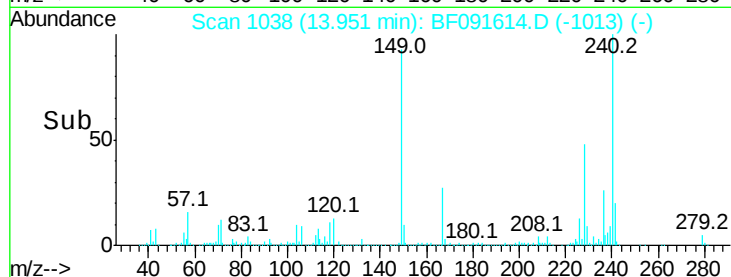
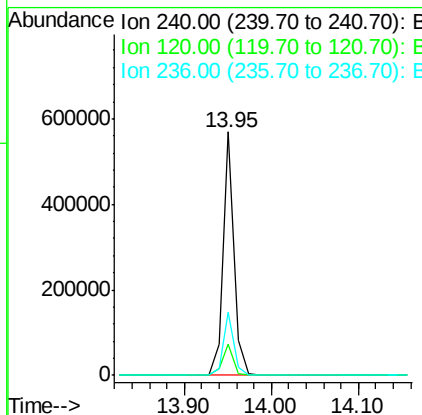
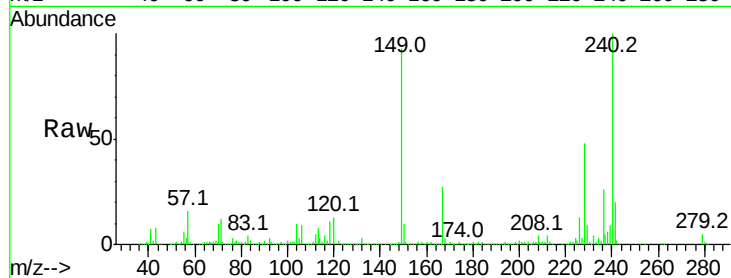
ClientSampleId :

PB95264BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	501918		
120	12.9		12.1	18.1
236	25.8		21.0	31.6

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#76

Benzidine

Concen: 27.35 ng

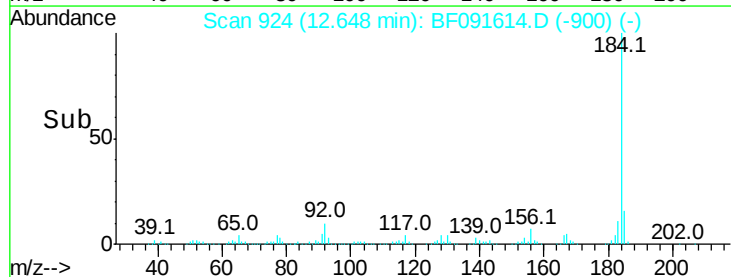
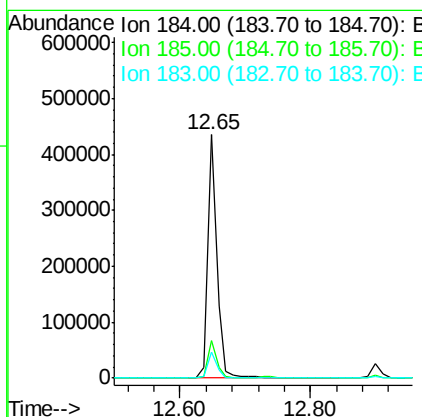
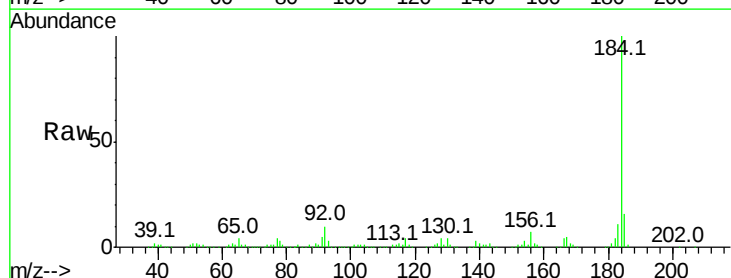
RT: 12.65 min Scan# 924

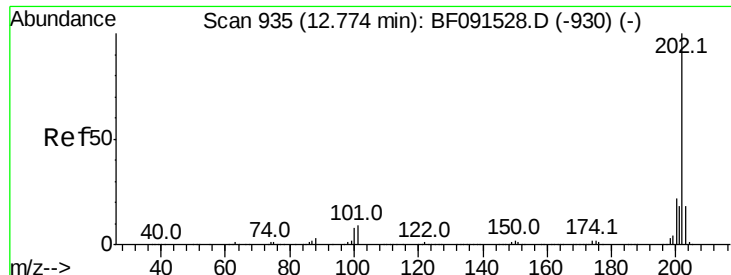
Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	424475		
185	15.5		13.1	19.7
183	10.7		8.9	13.3





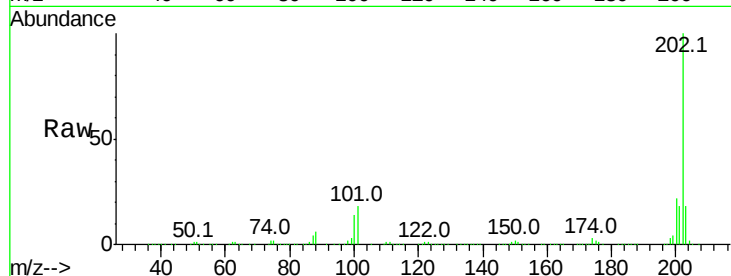
#77
 Pvrene
 Concen: 38.58 ng
 RT: 12.75 min Scan# 933
 Delta R.T. -0.02 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BS

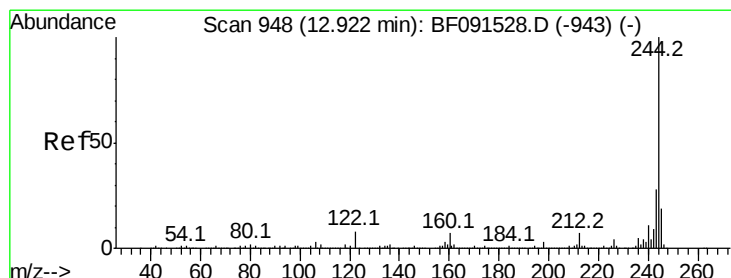
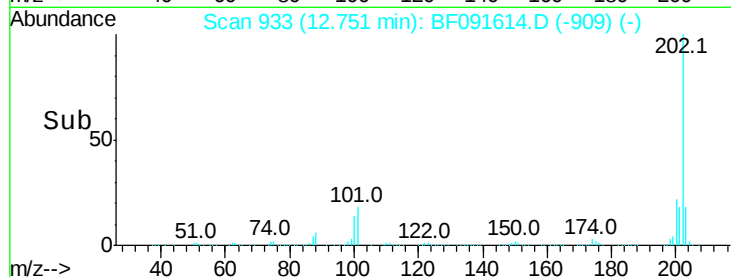
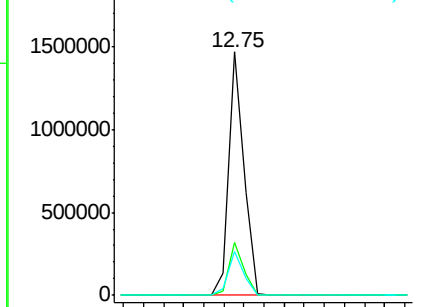
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.3	14.0	21.0

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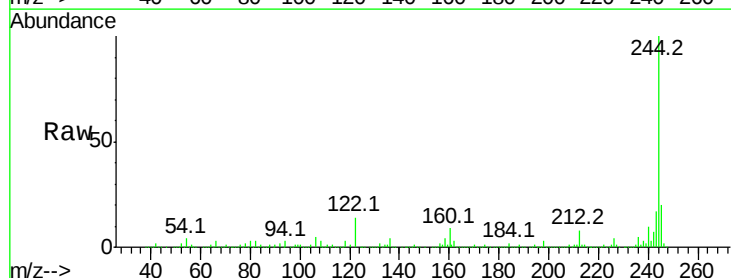


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

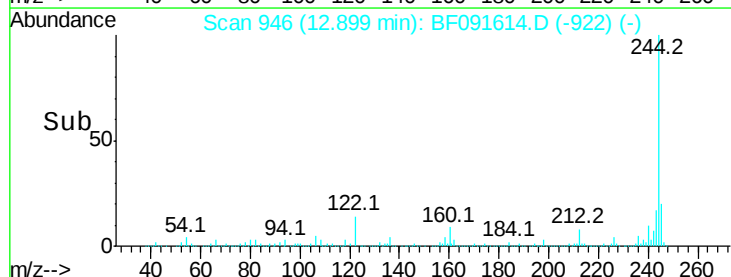
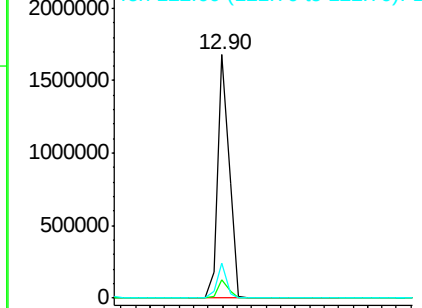


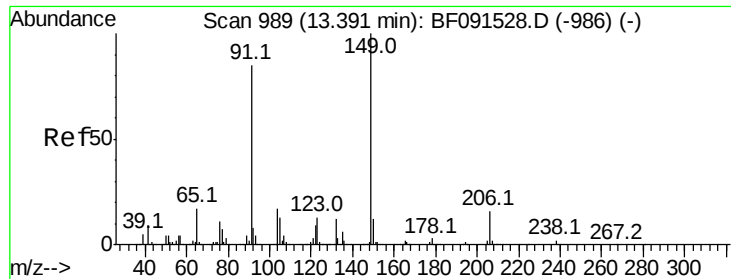
#78
 Terphenyl-d14
 Concen: 82.91 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	14.4	9.5	14.3#



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





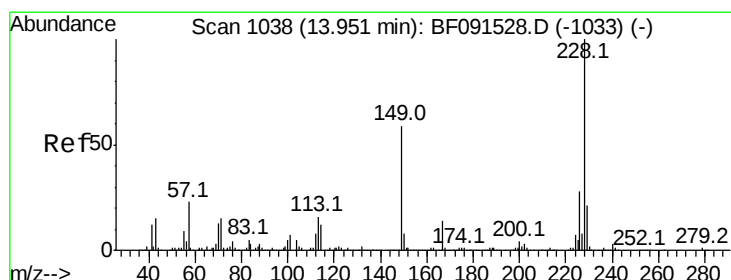
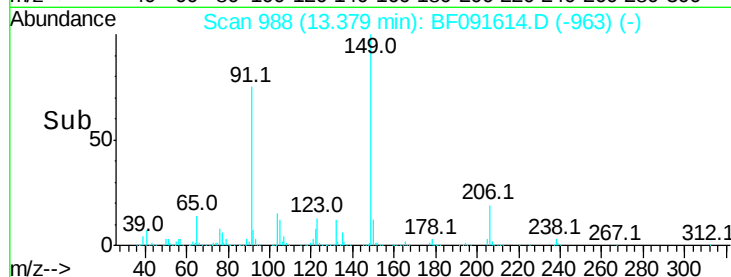
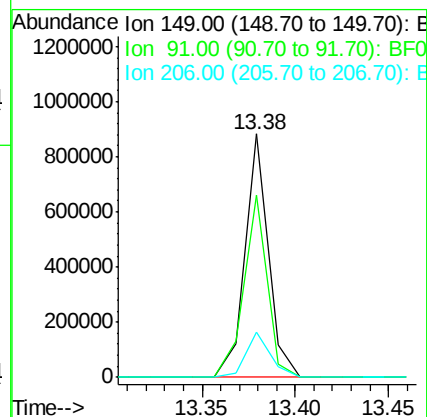
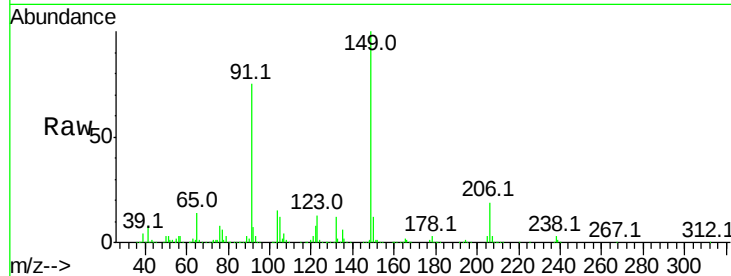
#79
Butylbenzylphthalate
Concen: 49.77 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampleId :
PB95264BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	772597		
91	75.0		57.4	86.2
206	18.5		15.4	23.2

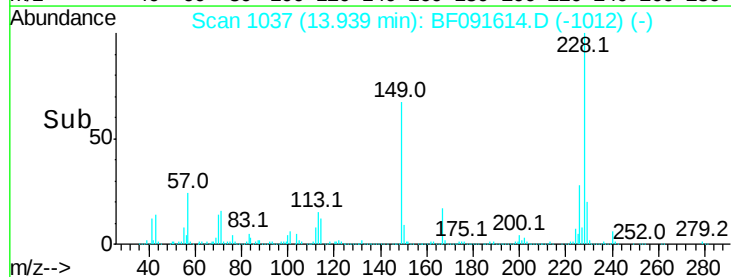
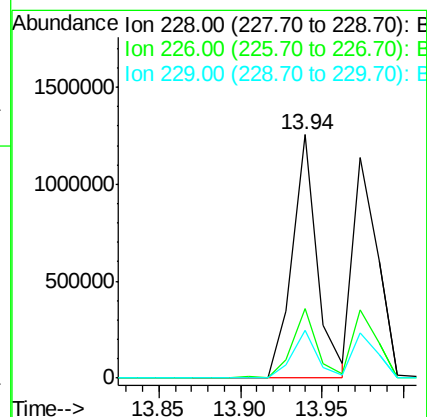
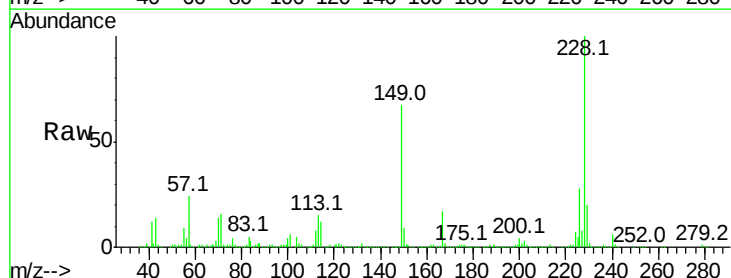
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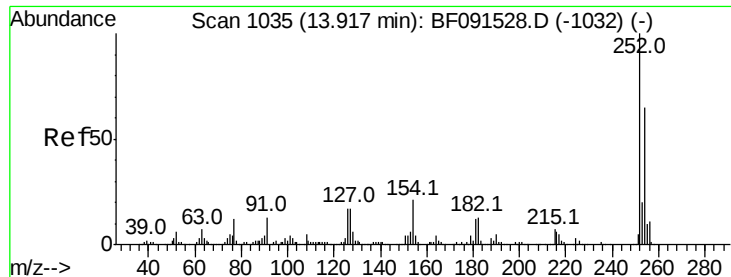
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#80
Benzo(a)anthracene
Concen: 46.14 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1344893		
226	28.3		22.5	33.7
229	19.9		16.4	24.6





#81

3,3'-Dichlorobenzidine

Concen: 38.44 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Instrument :

BNA_F

ClientSampleId :

PB95264BS

Tot Ion:252 Resp: 402400
Ion Ratio Lower Upper

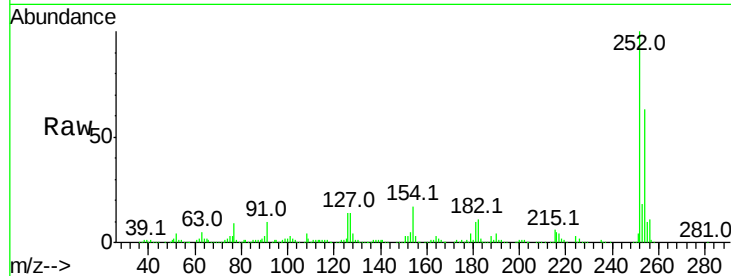
252 100

254 63.3 52.1 78.1

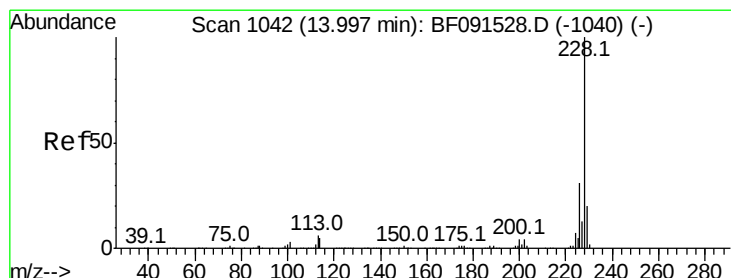
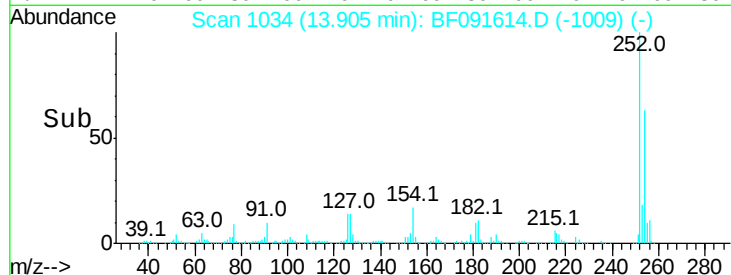
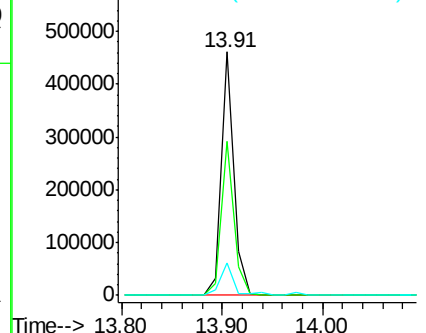
126 13.5 7.5 11.3#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.90 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF091614.D

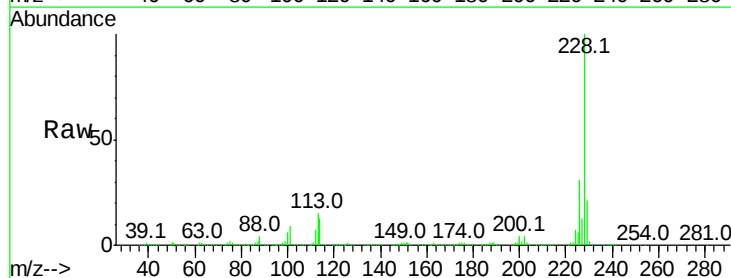
Acq: 15 Dec 2016 7:09

Tgt Ion:228 Resp: 1216819
Ion Ratio Lower Upper

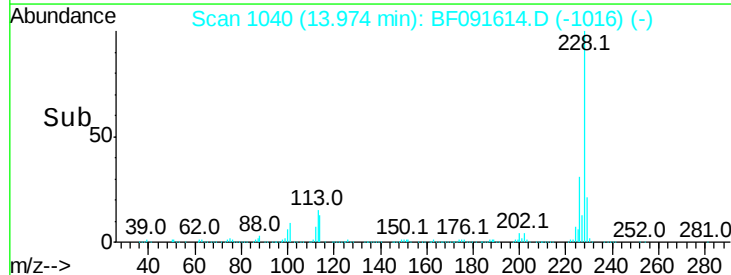
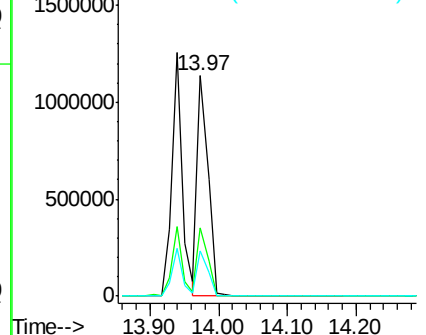
228 100

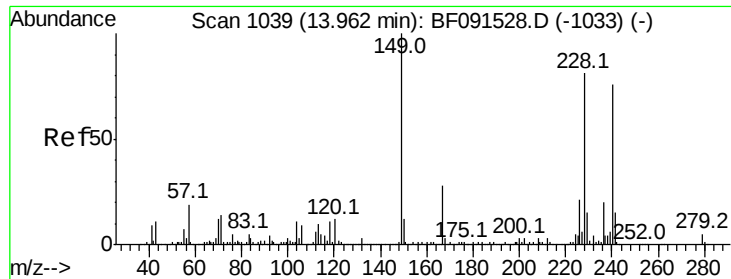
226 31.2 25.0 37.4

229 20.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





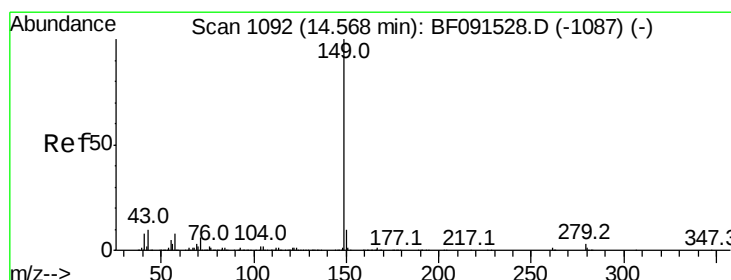
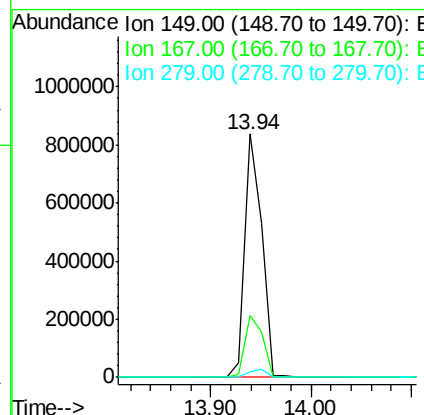
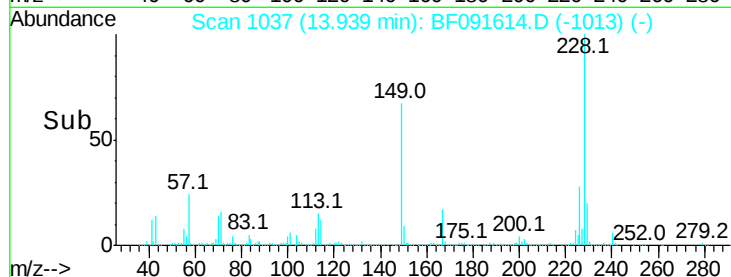
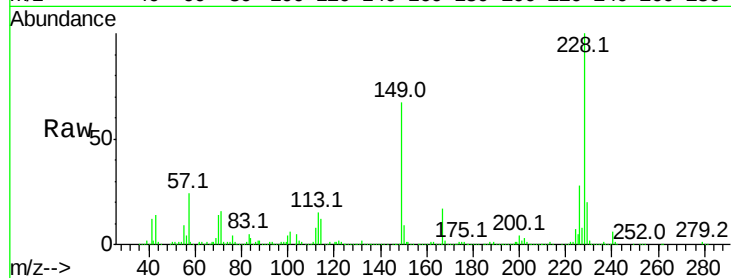
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.37 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.5	19.6	29.4	
279	2.2	1.9	2.9	

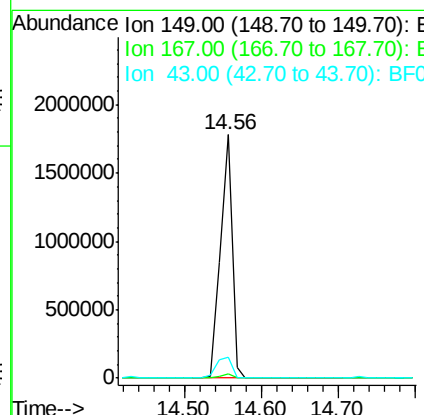
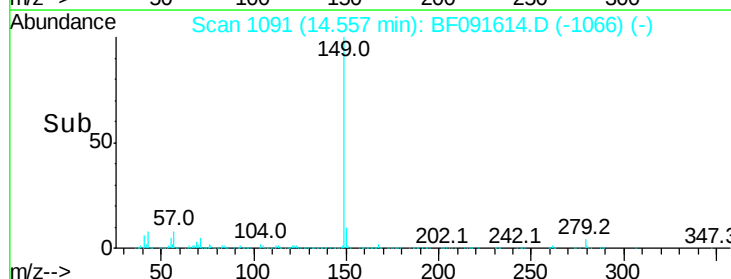
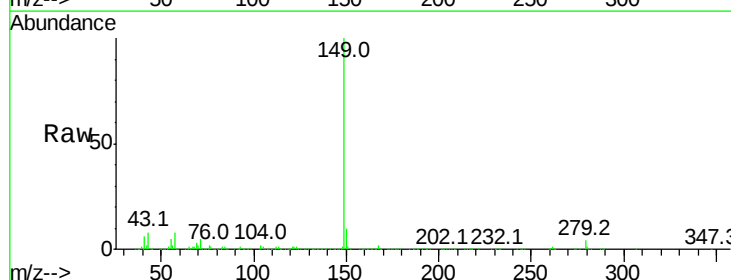
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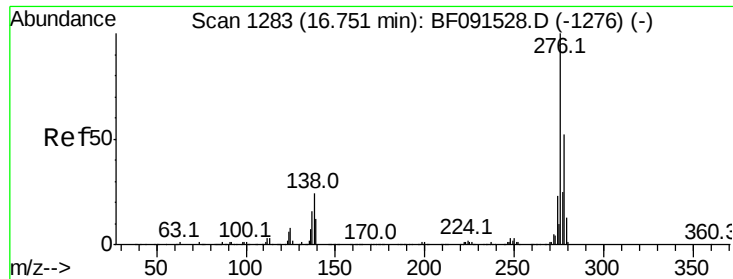
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#84
 Di-n-octyl phthalate
 Concen: 55.46 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	11.4	11.9	17.9	





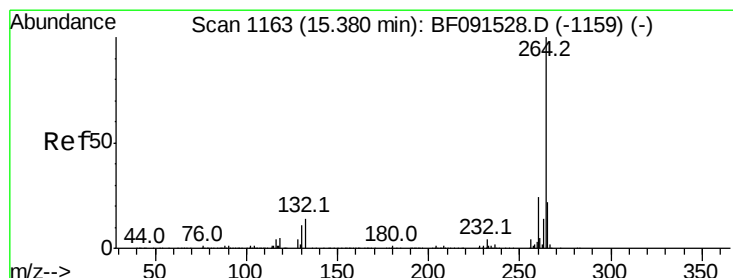
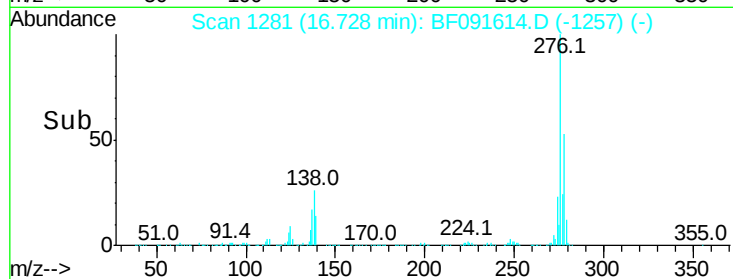
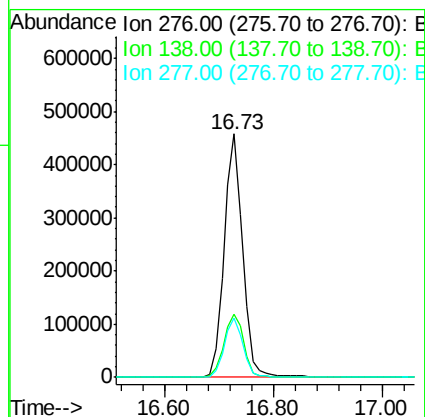
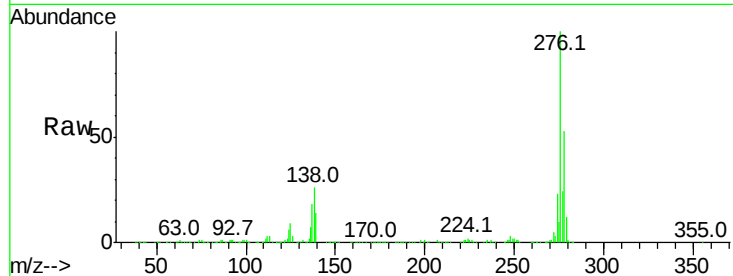
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.57 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.0	31.4
277	24.8	20.2	30.2

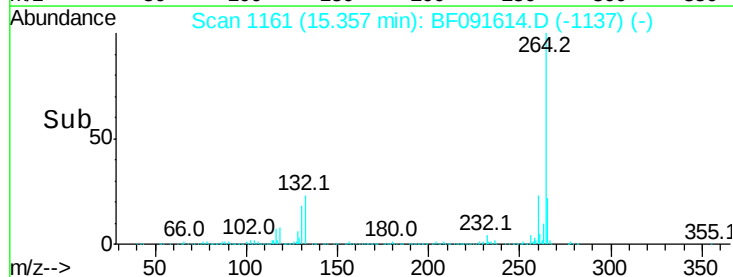
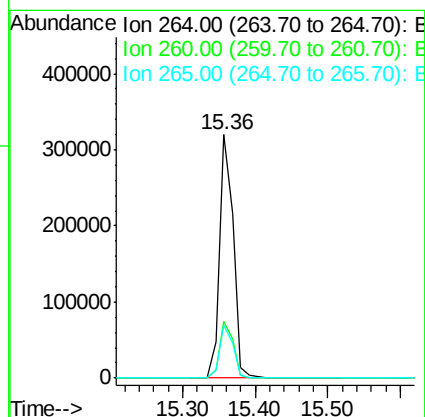
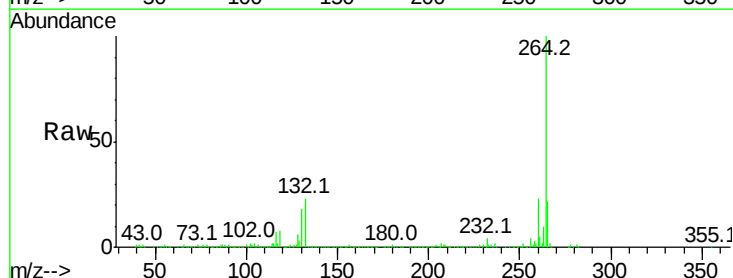
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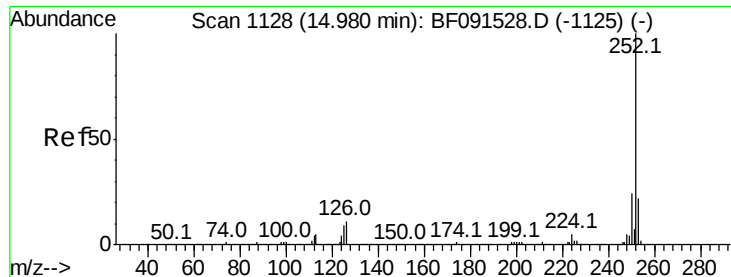
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.6	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 59.93 ng m

RT: 14.96 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

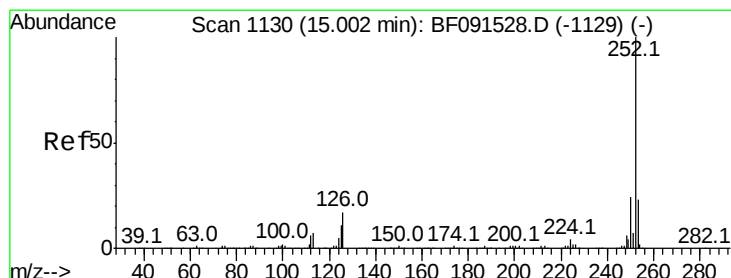
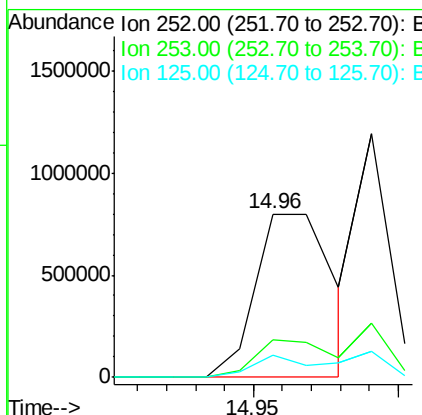
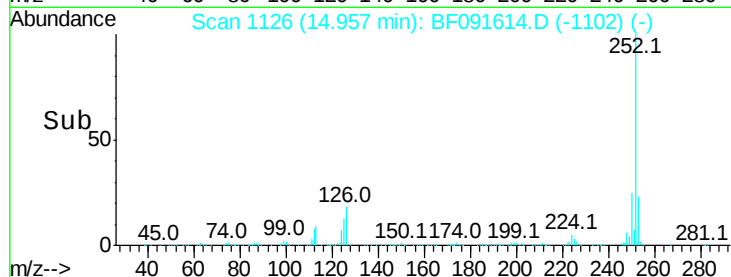
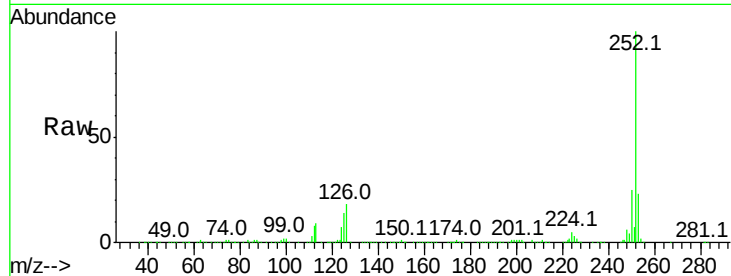
Instrument :
BNA_F

ClientSampleId :
PB95264BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.5	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 43.43 ng m

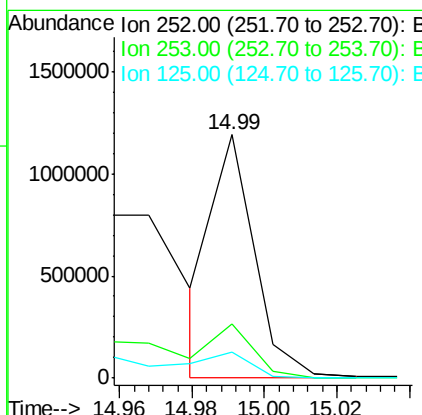
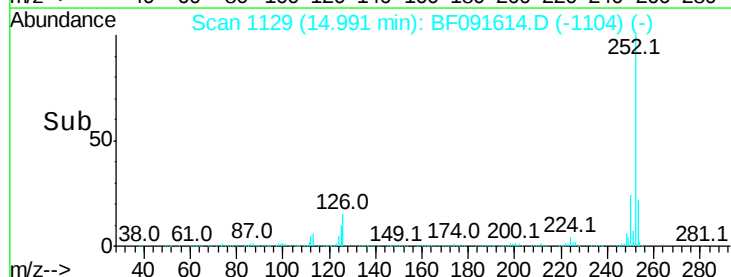
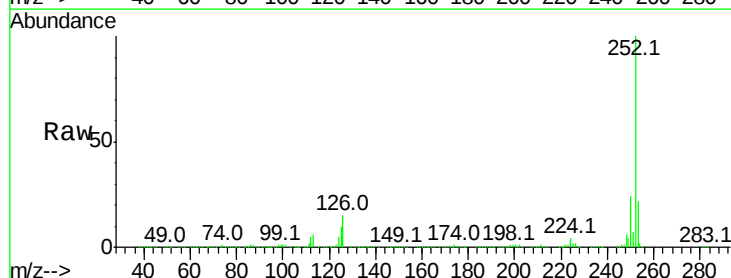
RT: 14.99 min Scan# 1129

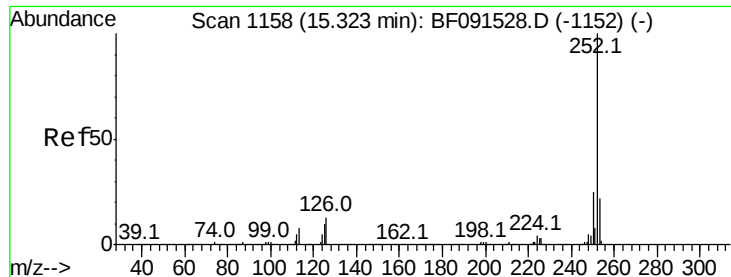
Delta R.T. -0.01 min

Lab File: BF091614.D

Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.4	9.6	14.4





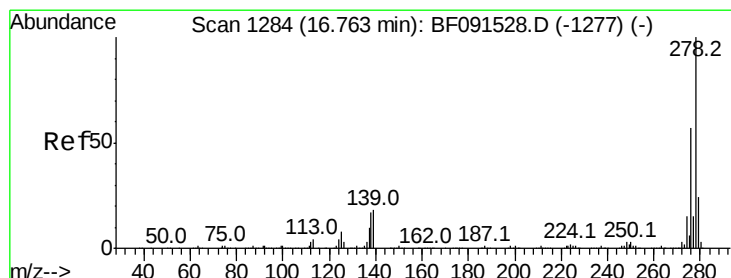
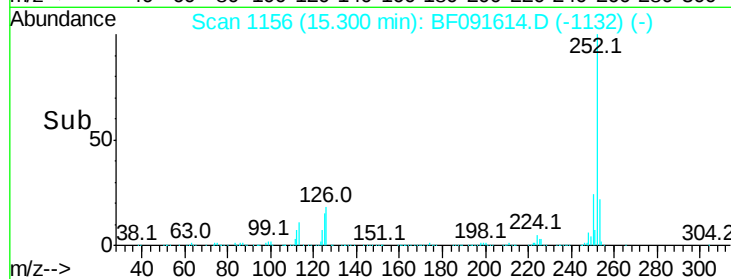
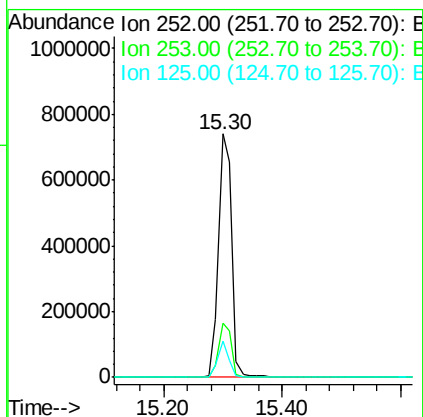
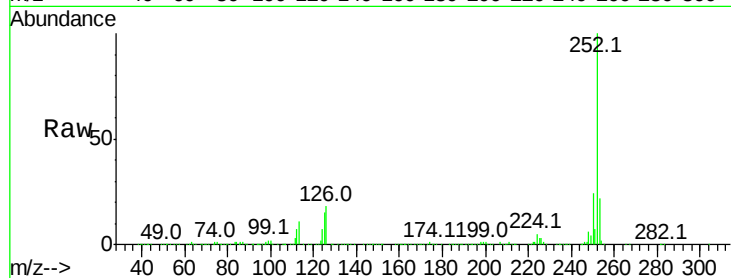
#89
Benzo(a)pyrene
Concen: 50.63 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Instrument :
BNA_F
ClientSampled :
PB95264BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	14.7	10.4	15.6

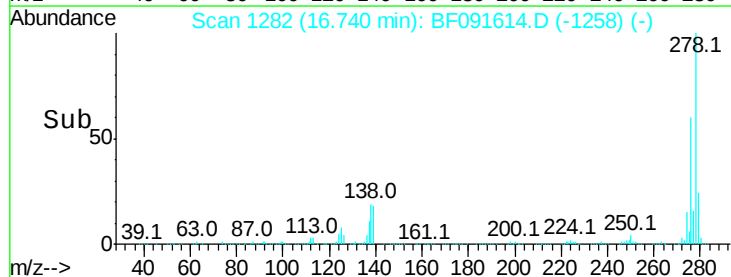
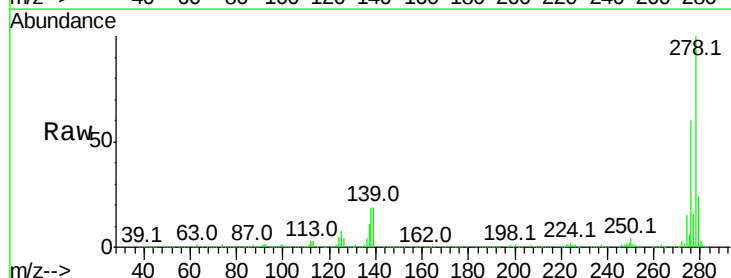
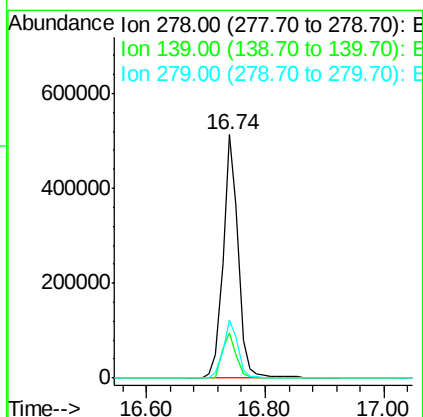
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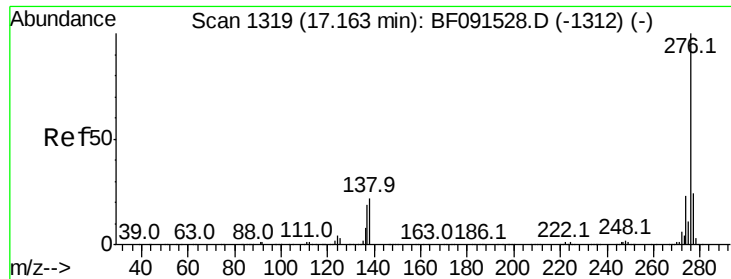
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#90
Dibenzo(a,h)anthracene
Concen: 45.12 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF091614.D
Acq: 15 Dec 2016 7:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.1	22.7
279	23.9	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.66 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF091614.D
 Acq: 15 Dec 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BS

Tot Ion:	276	Resp:	872138
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.4
138	21.0	15.4	23.0

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