

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110316\
 Data File : BF091011.D
 Acq On : 3 Nov 2016 21:35
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Manual Integrations
 APPROVED

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 11/4/2016 12:12:37 PM

Quant Time: Nov 04 11:14:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	180356	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	792261	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	395685	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	638459	20.00	ng	0.00
75) Chrysene-d12	13.86	240	563056	20.00	ng	0.00
86) Perylene-d12	15.24	264	439732	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	868428	79.52	ng	0.00
7) Phenol-d6	6.35	99	1176318	79.36	ng	0.00
23) Nitrobenzene-d5	7.28	82	1059273	72.94	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	275464	77.00	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1821573	79.26	ng	0.00
78) Terphenyl-d14	12.81	244	1770976	78.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	238658	38.20	ng	97
3) Pyridine	2.88	79	599455	41.02	ng	98
4) n-Nitrosodimethylamine	2.84	42	230842	39.93	ng	90
6) Aniline	6.37	93	711418	40.69	ng	98
8) 2-Chlorophenol	6.49	128	509804	39.14	ng	97
9) Benzaldehyde	6.25	77	324996	39.50	ng	99
10) Phenol	6.36	94	615451	37.52	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	539492	39.03	ng	98
12) 1,3-Dichlorobenzene	6.65	146	537204	40.78	ng	99
13) 1,4-Dichlorobenzene	6.73	146	541959	38.34	ng	99
14) 1,2-Dichlorobenzene	6.88	146	536631	41.37	ng	100
15) Benzyl Alcohol	6.85	79	410150	39.23	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	711617	35.95	ng	100
17) 2-Methylphenol	6.98	107	427658	41.47	ng	99
18) Hexachloroethane	7.22	117	223824	40.91	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	394638	38.42	ng	100
20) 3+4-Methylphenols	7.14	107	533419	43.08	ng	99
22) Acetophenone	7.13	105	726148	39.81	ng	99
24) Nitrobenzene	7.30	77	659402	41.11	ng	97
25) Isophorone	7.54	82	1032456	36.89	ng	100
26) 2-Nitrophenol	7.62	139	262570	38.68	ng	# 66
27) 2,4-Dimethylphenol	7.66	122	454596	40.50	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	639702	41.84	ng	100
29) 2,4-Dichlorophenol	7.86	162	405470	41.39	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	447261	40.60	ng	99
31) Naphthalene	8.02	128	1529306	40.36	ng	100
32) Benzoic acid	7.81	122	321628	37.92	ng	98
33) 4-Chloroaniline	8.08	127	623840	39.59	ng	99
34) Hexachlorobutadiene	8.13	225	228390	38.41	ng	98
35) Caprolactam	8.45	113	116962	38.00	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	475531	40.09	ng	100
37) 2-Methylnaphthalene	8.70	142	890365	36.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	446073	44.22	ng	99
40) Hexachlorocyclopentadiene	8.86	237	134449	38.28	ng	99

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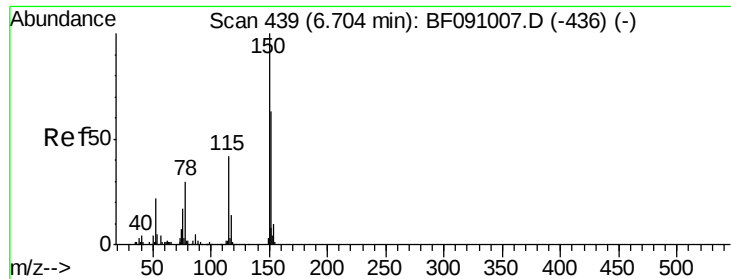
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	278267	42.73	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	289999	42.41	ng	96
45) 1,1'-Biphenyl	9.17	154	1187913	41.11	ng	99
46) 2-Chloronaphthalene	9.20	162	909116	41.44	ng	100
47) 2-Nitroaniline	9.30	65	350277	43.03	ng	98
48) Acenaphthylene	9.61	152	1367153	39.99	ng	100
49) Dimethylphthalate	9.48	163	1017242	39.21	ng	99
50) 2,6-Dinitrotoluene	9.54	165	208161	37.44	ng	95
51) Acenaphthene	9.78	154	795175	37.05	ng	99
52) 3-Nitroaniline	9.71	138	257935	39.12	ng	99
53) 2,4-Dinitrophenol	9.82	184	103140	37.65	ng	96
54) Dibenzofuran	9.95	168	1110717	38.45	ng	99
55) 4-Nitrophenol	9.88	139	156985	38.92	ng	95
56) 2,4-Dinitrotoluene	9.95	165	317404	44.86	ng	99
57) Fluorene	10.29	166	949187	40.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	247082	46.13	ng	96
59) Diethylphthalate	10.18	149	1101461	41.41	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	441943	41.12	ng	97
61) 4-Nitroaniline	10.33	138	281757	42.24	ng	99
62) Azobenzene	10.44	77	1174326	37.50	ng	82
64) 4,6-Dinitro-2-methylphenol	10.36	198	156857	40.12	ng	99
65) n-Nitrosodiphenylamine	10.41	169	761678	37.53	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	253562	38.18	ng	94
67) Hexachlorobenzene	10.84	284	317569	43.36	ng	96
68) Atrazine	10.94	200	259176	44.27	ng	98
69) Pentachlorophenol	11.04	266	135288	41.70	ng	99
70) Phenanthrene	11.25	178	1428634	42.09	ng	100
71) Anthracene	11.30	178	1286957	35.67	ng	99
72) Carbazole	11.46	167	1198027	36.84	ng	99
73) Di-n-butylphthalate	11.80	149	1624414	39.72	ng	99
74) Fluoranthene	12.43	202	1327656	37.72	ng	98
76) Benzidine	12.56	184	464370	36.92	ng	96
77) Pyrene	12.66	202	1318914	35.77	ng	100
79) Butylbenzylphthalate	13.29	149	672070	38.10	ng	97
80) Benzo(a)anthracene	13.85	228	1240432	38.80	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	412591	36.74	ng	# 96
82) Chrysene	13.89	228	1292978	41.02	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	894796	37.49	ng	100
84) Di-n-octyl phthalate	14.47	149	1584724	40.38	ng	97
85) Indeno(1,2,3-cd)pyrene	16.57	276	1016641	38.87	ng	99
87) Benzo(h)fluoranthene	14.87	252	1264446m	42.40	ng	
88) Benzo(k)fluoranthene	14.89	252	956406m	36.56	ng	
89) Benzo(a)pyrene	15.20	252	1063273	40.95	ng	99
90) Dibenzo(a,h)anthracene	16.58	278	896530	39.94	ng	97
91) Benzo(g,h,i)perylene	16.96	276	800554	39.44	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

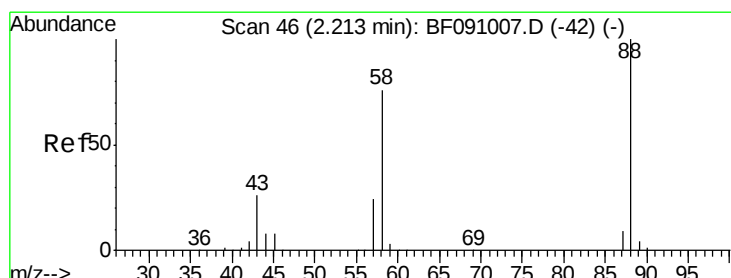
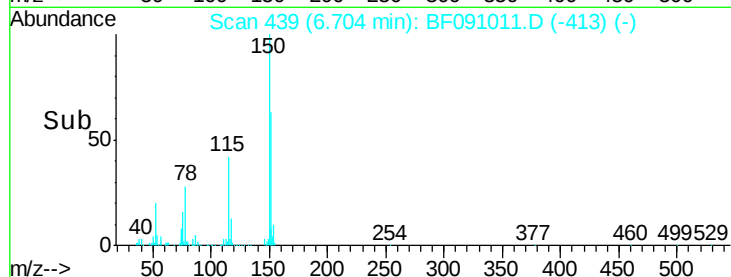
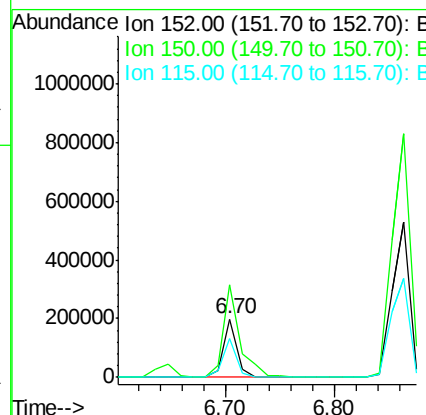
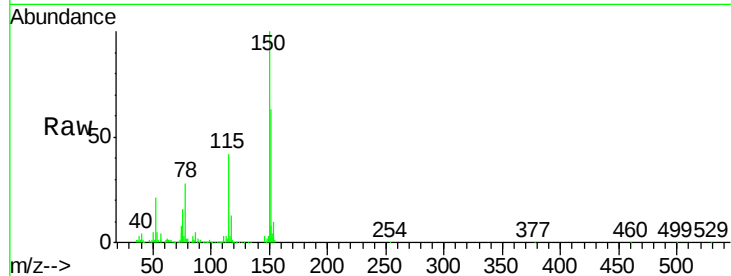
ClientSampleId :

ICVBF110316

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.8	190.2
115	65.6	53.3	79.9

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#2

1,4-Dioxane

Concen: 38.20 ng

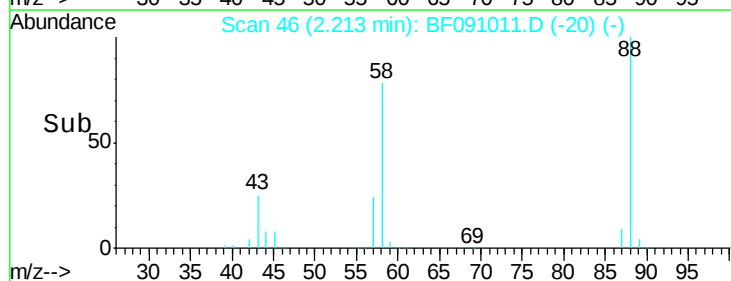
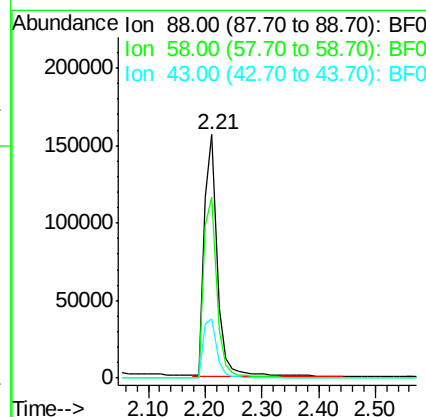
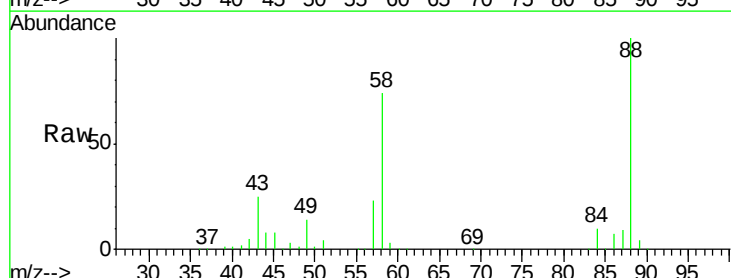
RT: 2.21 min Scan# 46

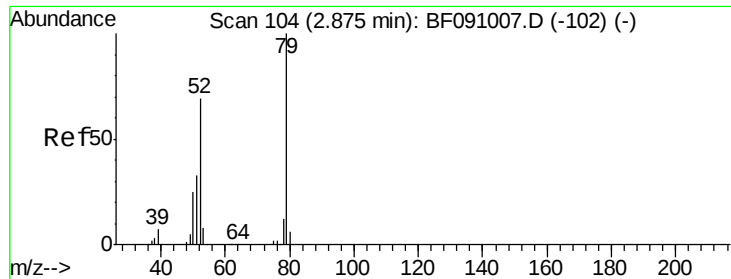
Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	63.8	95.6
43	26.3	22.6	33.8





#3

Pyridine

Concen: 41.02 ng

RT: 2.88 min Scan# 104

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

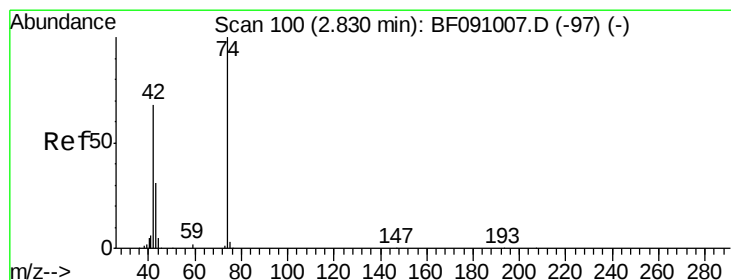
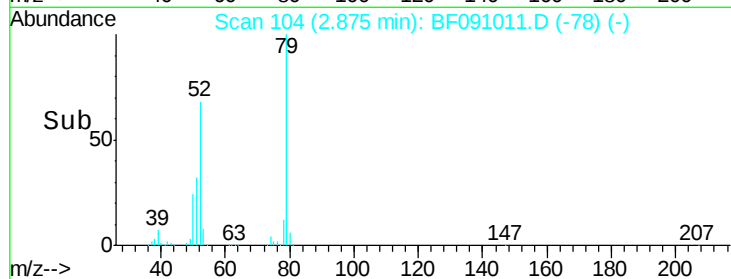
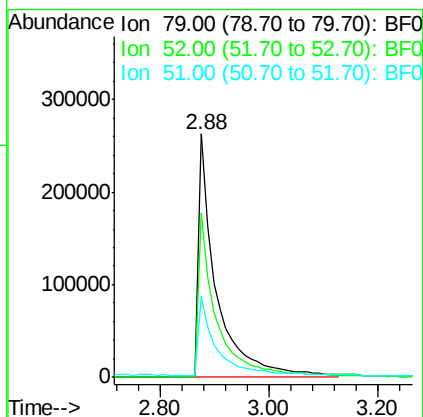
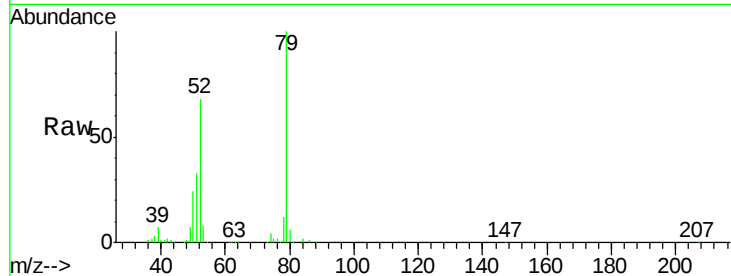
ClientSampleId :

ICVBF110316

Tgt Ion:	79	Resp:	599455
Ion Ratio		Lower	Upper
79	100		
52	67.7	55.4	83.0
51	33.1	27.4	41.0

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#4

n-Nitrosodimethylamine

Concen: 39.93 ng

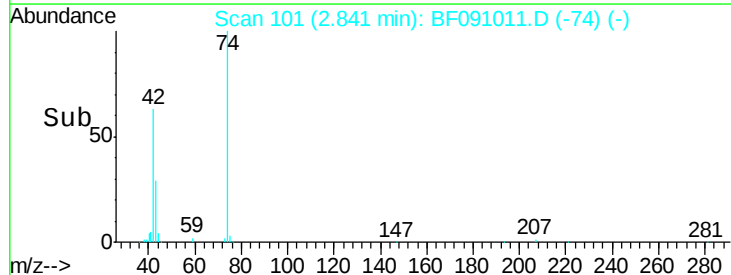
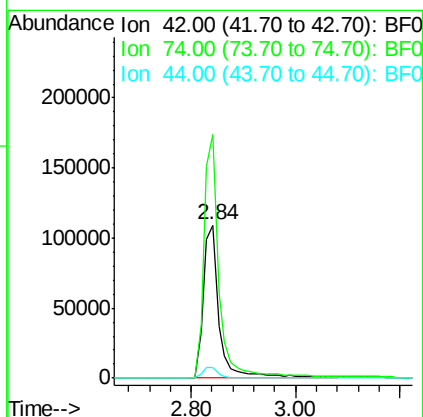
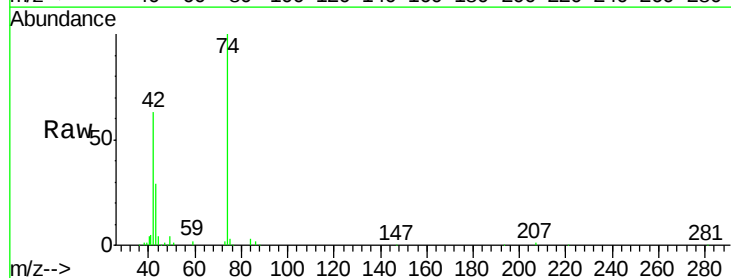
RT: 2.84 min Scan# 101

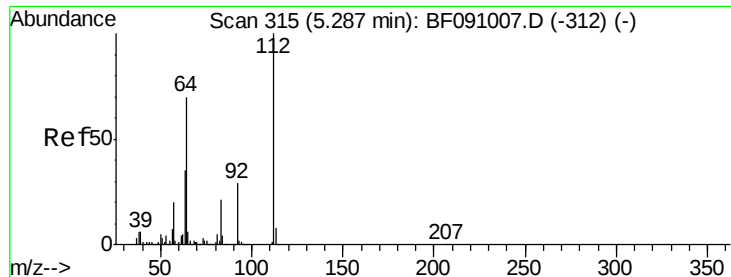
Delta R.T. 0.01 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:	42	Resp:	230842
Ion Ratio		Lower	Upper
42	100		
74	159.2	117.3	175.9
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 79.52 ng

RT: 5.29 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

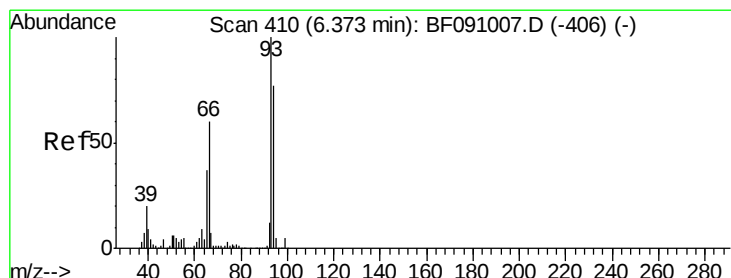
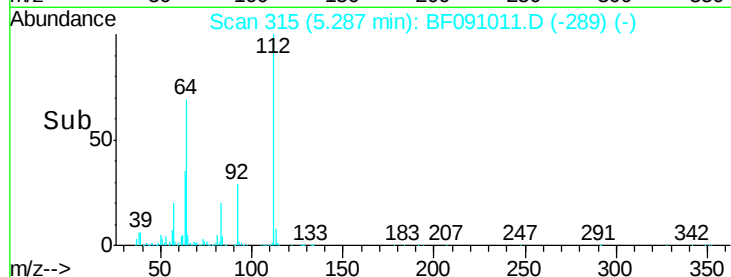
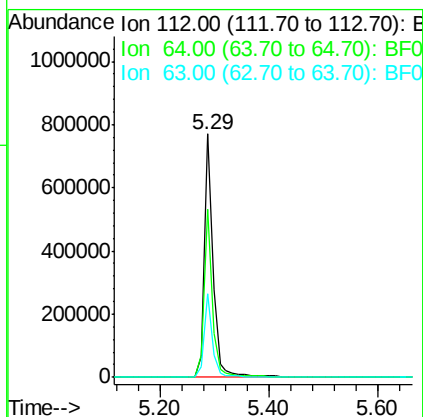
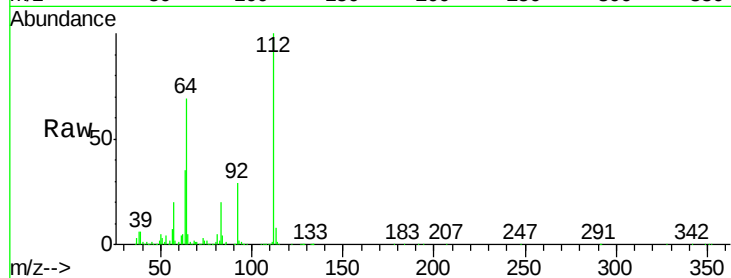
ClientSampleId :

ICVBF110316

Tgt Ion:	112	Resp:	868428
Ion Ratio	Lower	Upper	
112	100		
64	69.1	55.8	83.6
63	34.6	28.0	42.0

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#6

Aniline

Concen: 40.69 ng

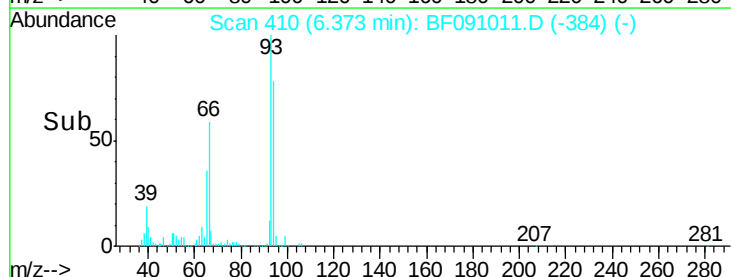
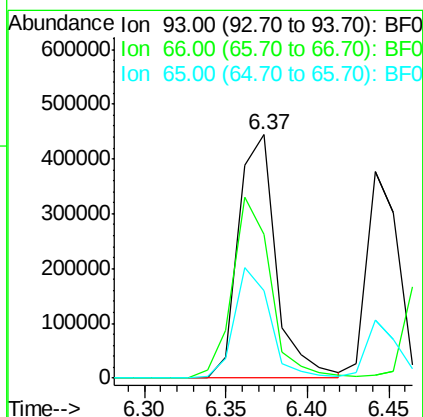
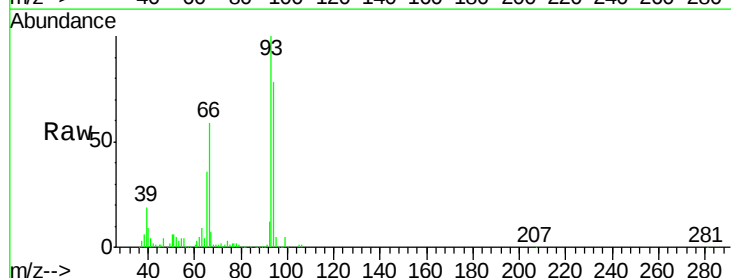
RT: 6.37 min Scan# 410

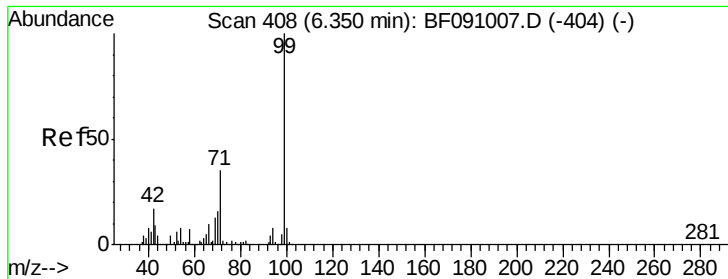
Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:	93	Resp:	711418
Ion Ratio	Lower	Upper	
93	100		
66	59.2	48.2	72.2
65	35.7	29.4	44.0





#7

Phenol-d6

Concen: 79.36 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

Tgt Ion: 99 Resp: 1176318

Ion Ratio Lower Upper

99 100

42 17.1 13.9 20.9

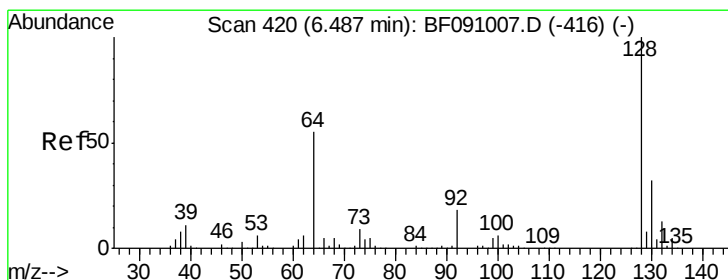
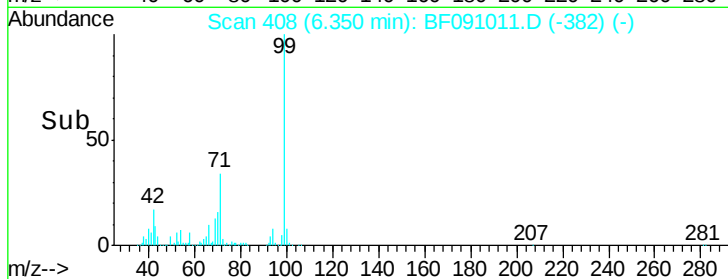
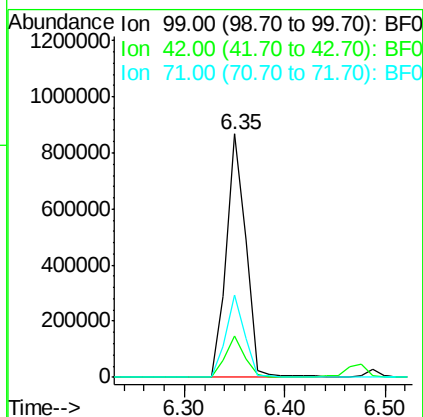
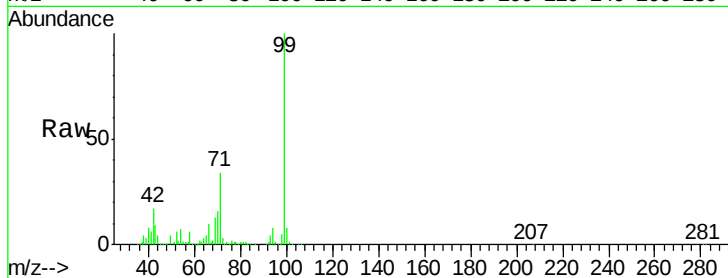
71 34.0 27.8 41.8

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#8

2-Chlorophenol

Concen: 39.14 ng

RT: 6.49 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

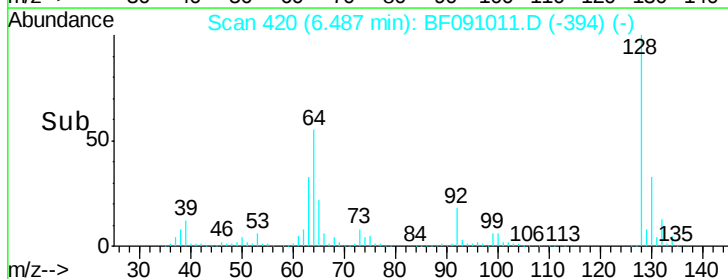
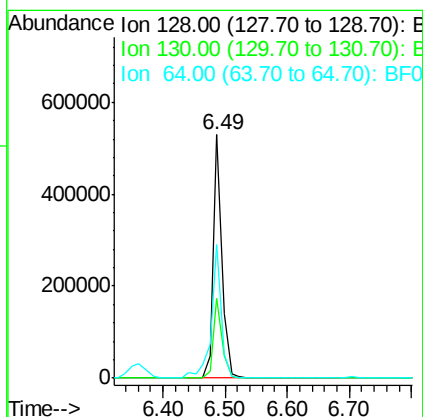
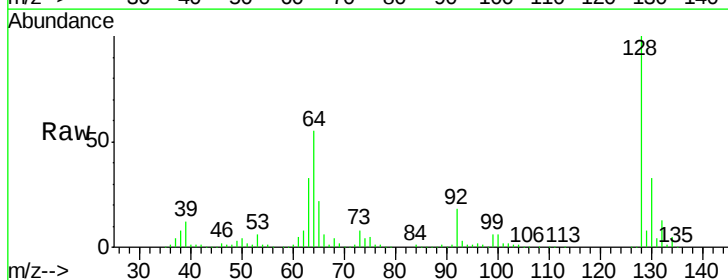
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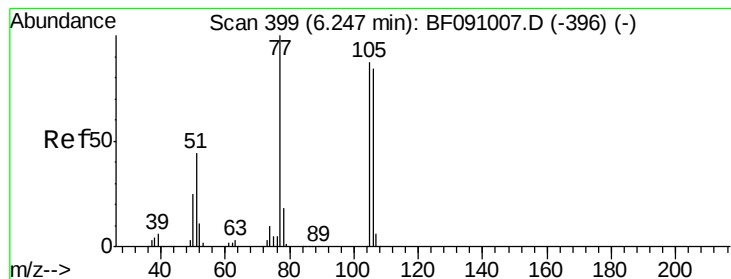
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 54.7 37.2 77.2





#9

Benzaldehyde

Concen: 39.50 ng

RT: 6.25 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

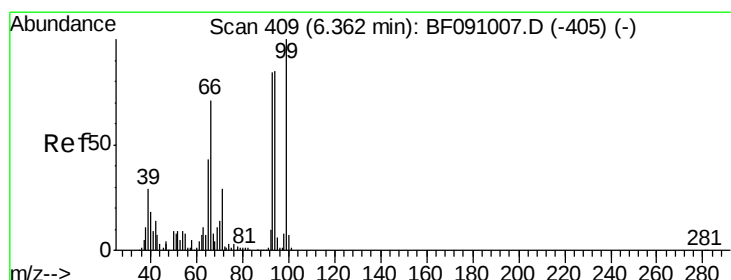
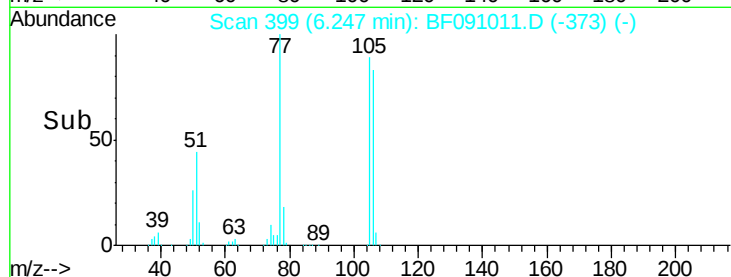
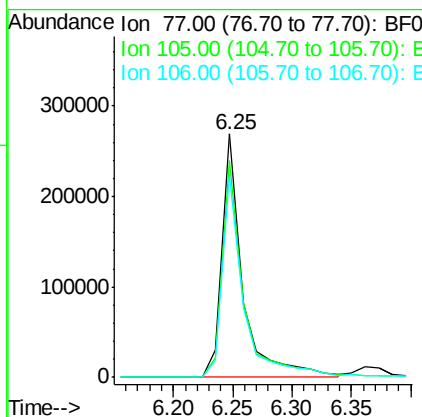
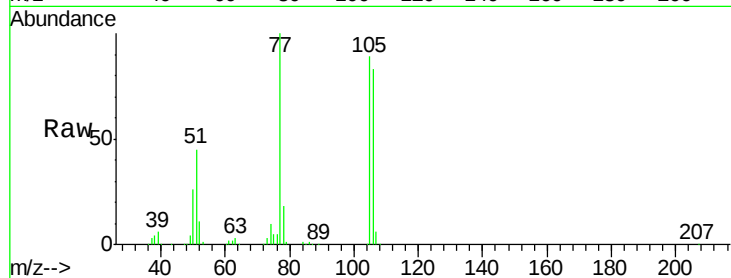
ClientSampleId :

ICVBF110316

Tgt Ion:	77	Resp:	324996
Ion	Ratio	Lower	Upper
77	100		
105	88.8	66.8	106.8
106	83.3	64.0	104.0

Manual Integrations
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#10

Phenol

Concen: 37.52 ng

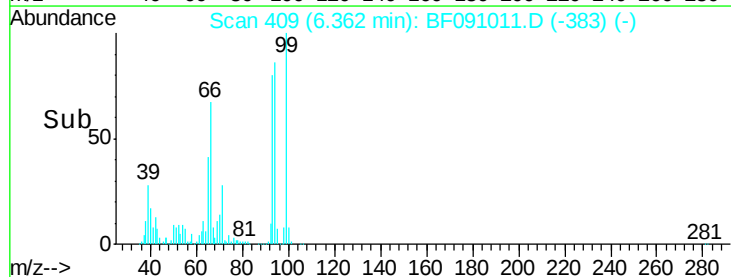
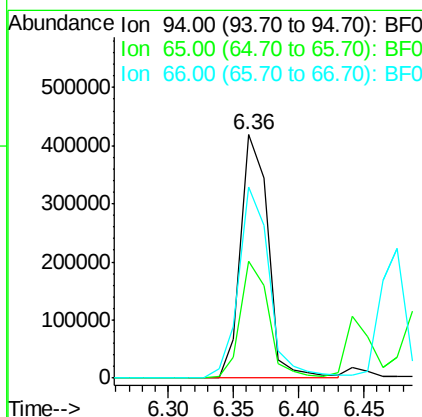
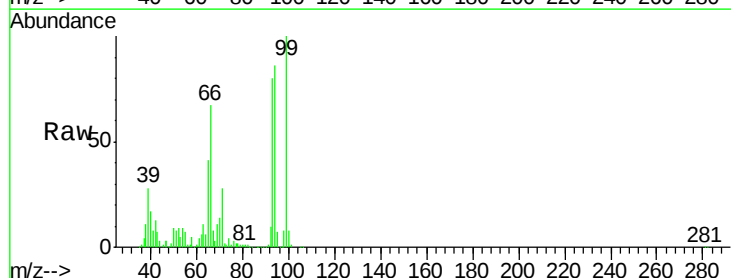
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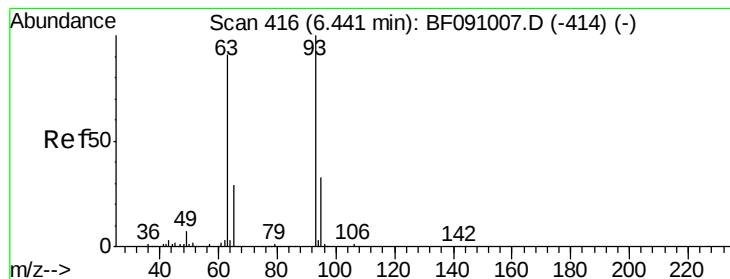
Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:	94	Resp:	615451
Ion	Ratio	Lower	Upper
94	100		
65	48.2	30.4	70.4
66	78.6	62.9	102.9





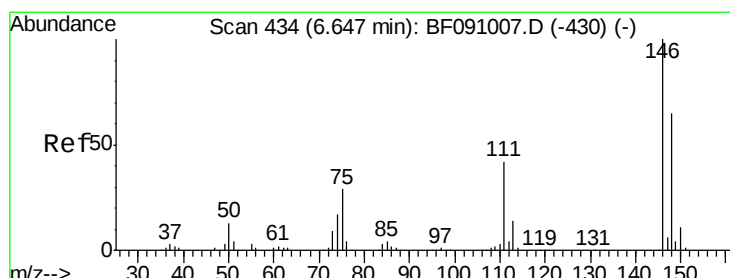
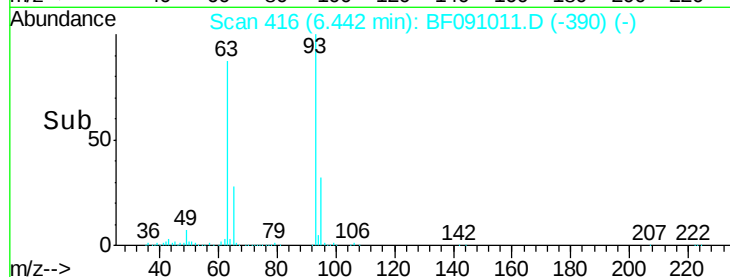
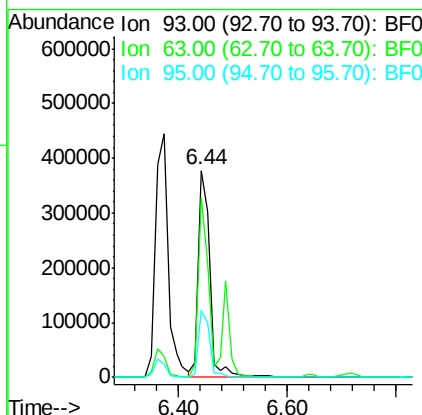
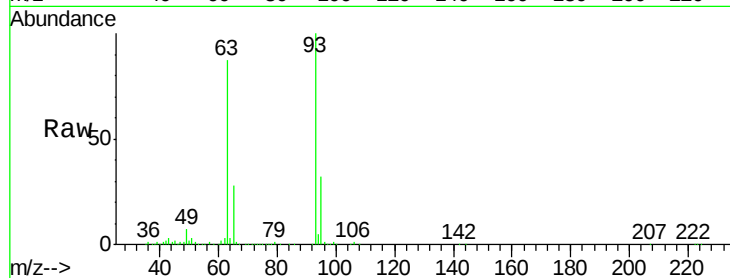
#11
bis(2-Chloroethyl)ether
Concen: 39.03 ng
RT: 6.44 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.9	68.9	108.9
95	32.3	12.3	52.3

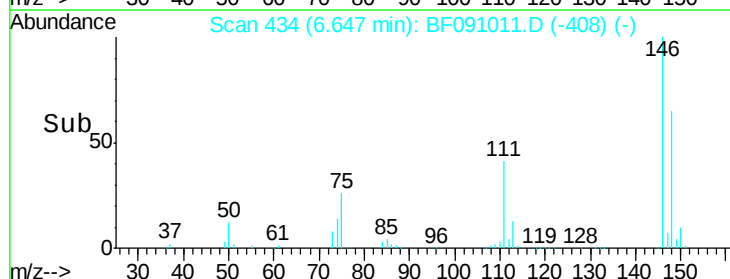
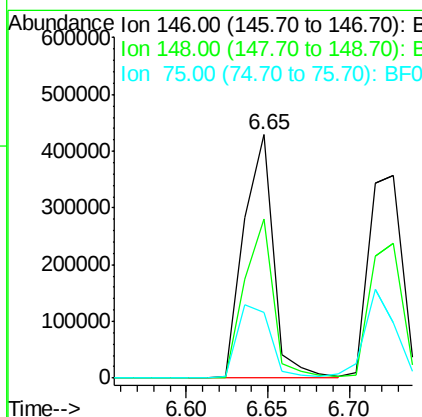
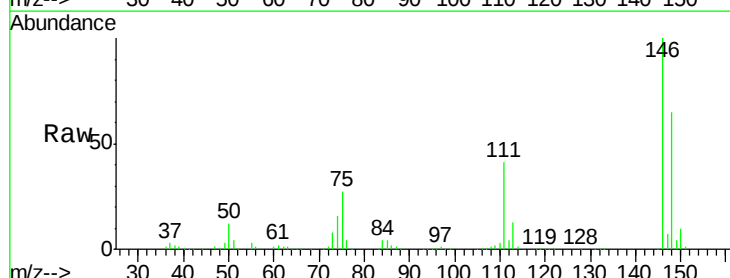
Manual Integrations
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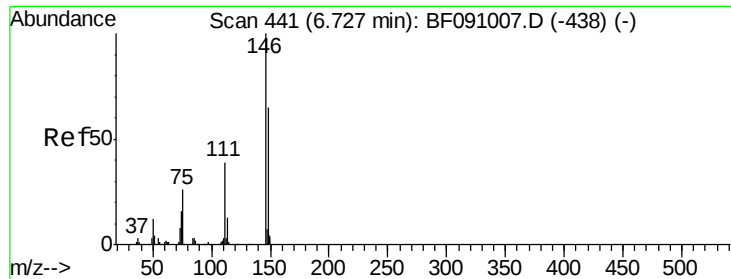
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.78 ng
RT: 6.65 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.0	78.0
75	26.8	23.0	34.6





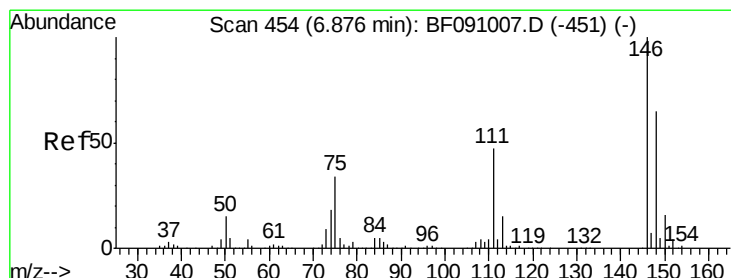
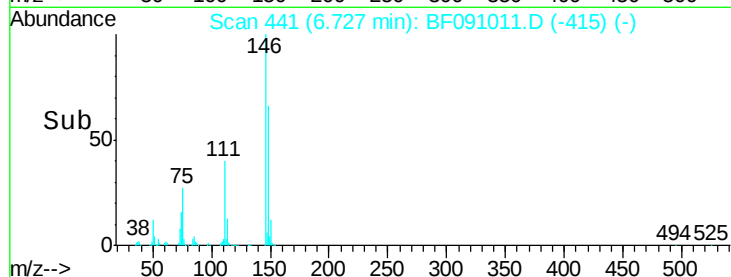
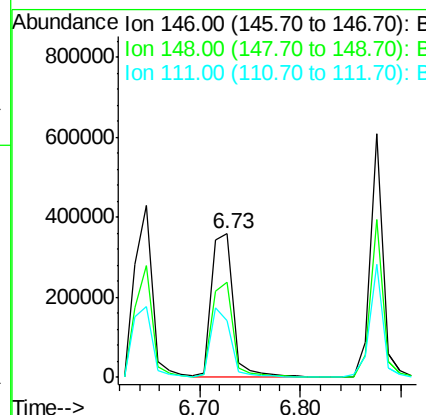
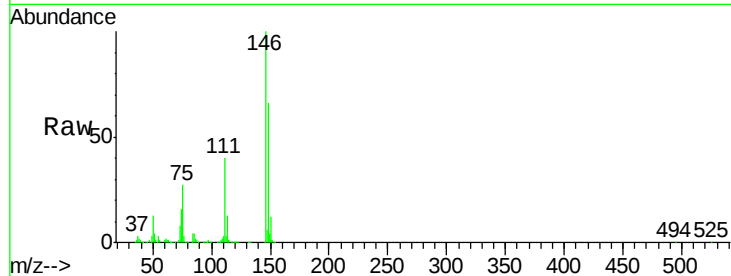
#13
 1,4-Dichlorobenzene
 Concen: 38.34 ng
 RT: 6.73 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.1	78.1
111	39.8	31.6	47.4

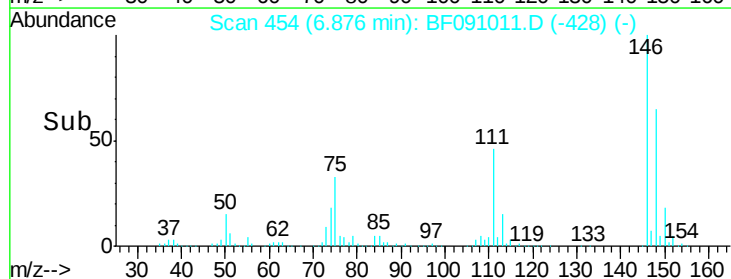
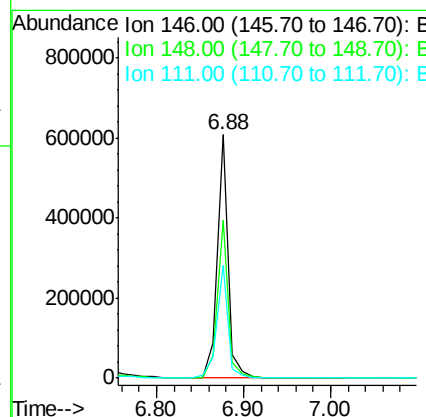
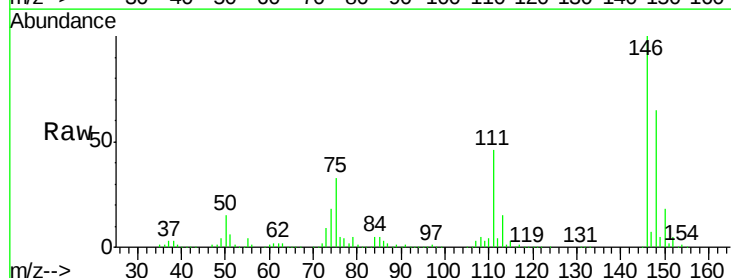
Manual Integrations
 APPROVED

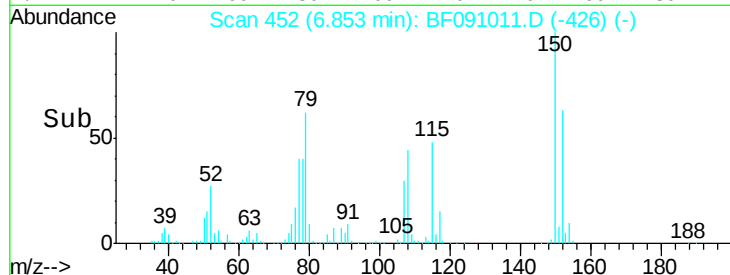
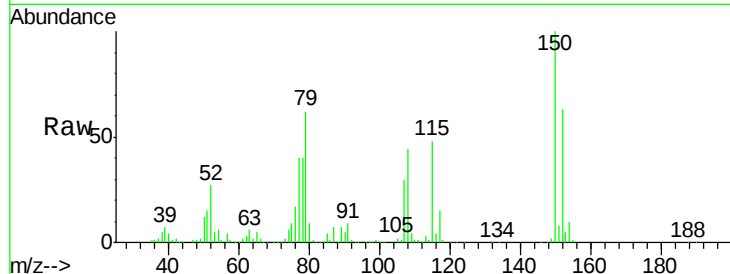
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#14
 1,2-Dichlorobenzene
 Concen: 41.37 ng
 RT: 6.88 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	46.5	37.3	55.9





#15

Benzyl Alcohol

Concen: 39.23 ng

RT: 6.85 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:	79	Resp:	410150
Ion	Ratio	Lower	Upper
79	100		
108	71.8	55.7	83.5
77	64.8	52.6	79.0

Instrument :

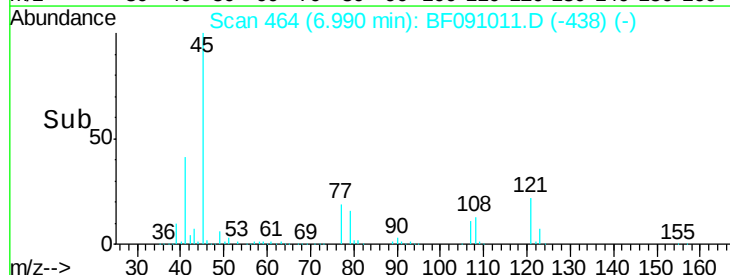
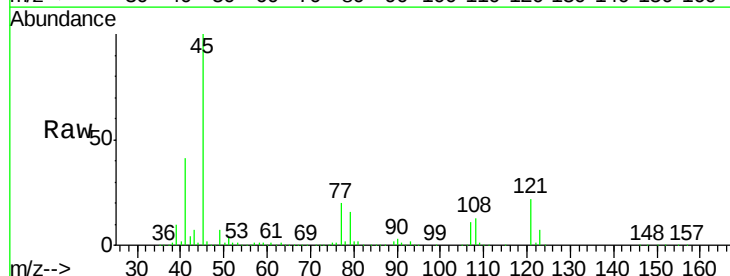
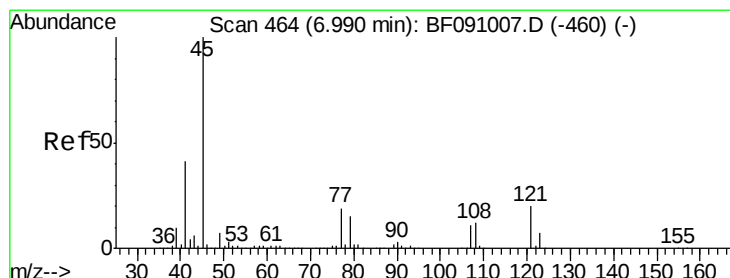
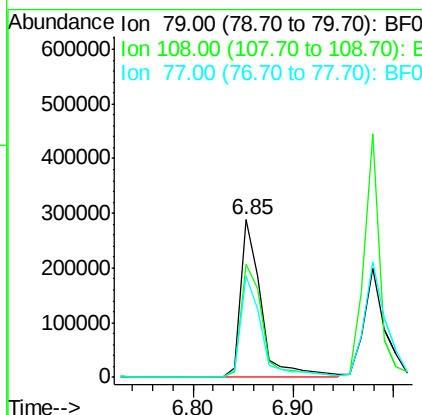
BNA_F

ClientSampleId :

ICVBF110316

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.95 ng

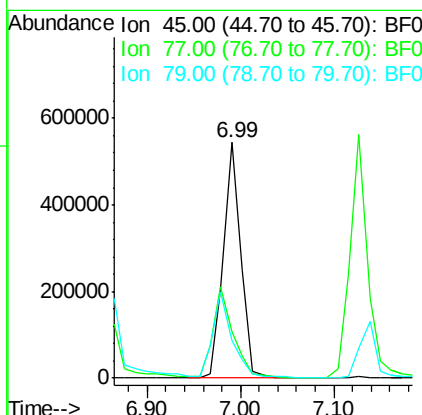
RT: 6.99 min Scan# 464

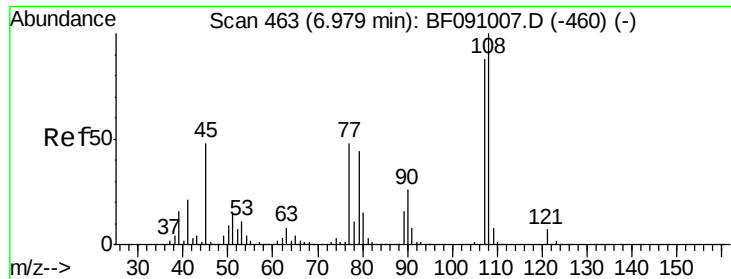
Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:	45	Resp:	711617
Ion	Ratio	Lower	Upper
45	100		
77	19.8	0.0	39.6
79	15.9	0.0	35.9





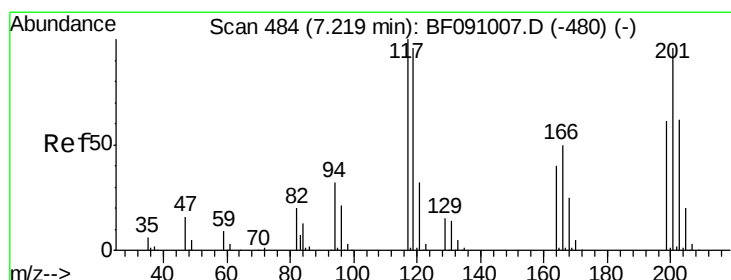
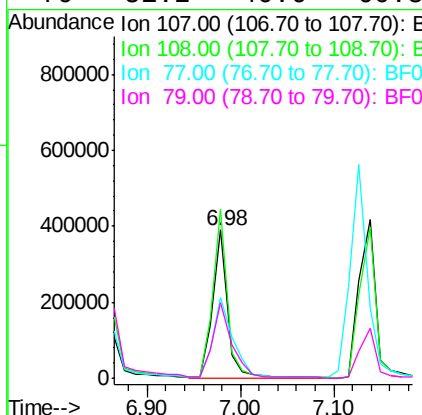
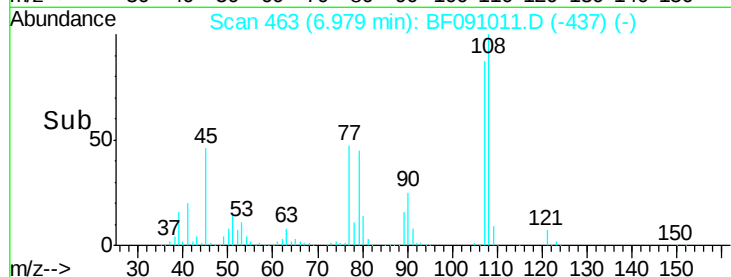
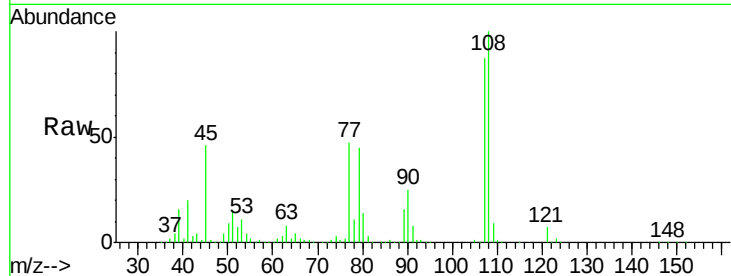
#17
2-Methylphenol
Concen: 41.47 ng
RT: 6.98 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	427658		
108	114.3	91.0	136.6	
77	54.2	43.8	65.8	
79	51.2	40.6	60.8	

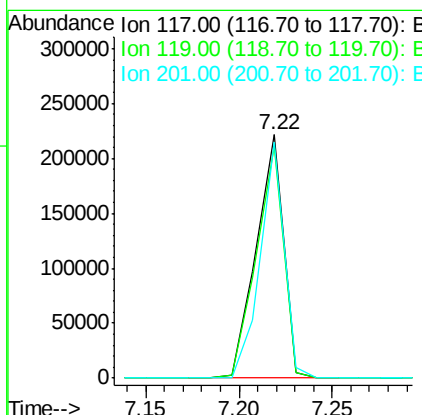
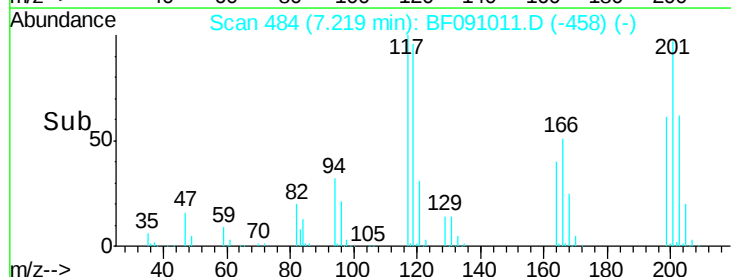
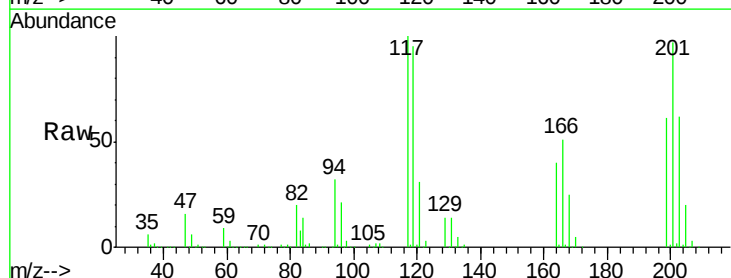
Manual Integrations
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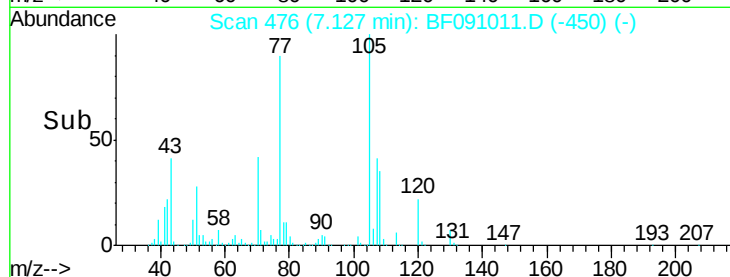
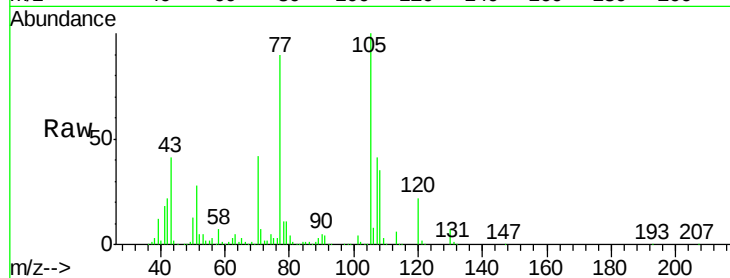
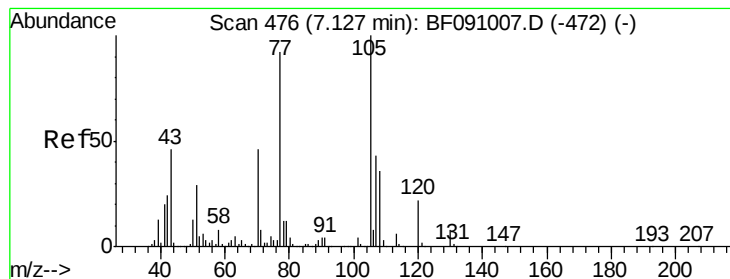
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#18
Hexachloroethane
Concen: 40.91 ng
RT: 7.22 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	223824		
119	95.5	76.6	115.0	
201	97.1	77.1	115.7	





#19

n-Nitroso-di-n-propylamine

Concen: 38.42 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

Tgt Ion: 70 Resp: 394638

Ion Ratio Lower Upper

70 100

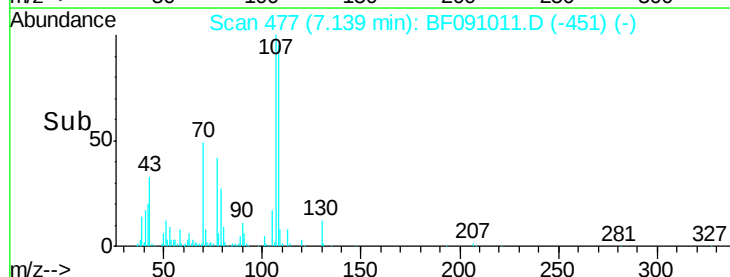
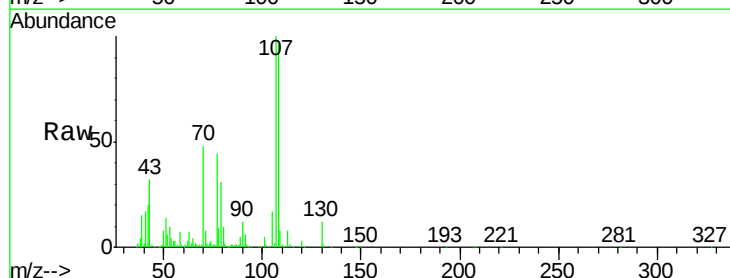
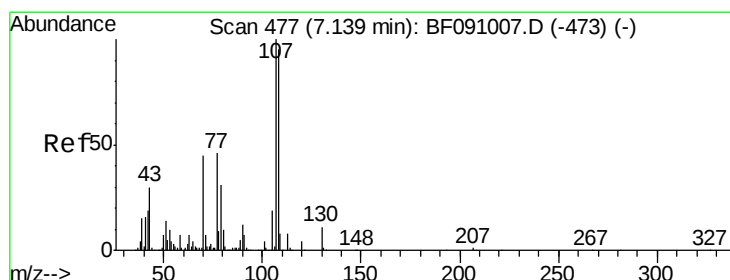
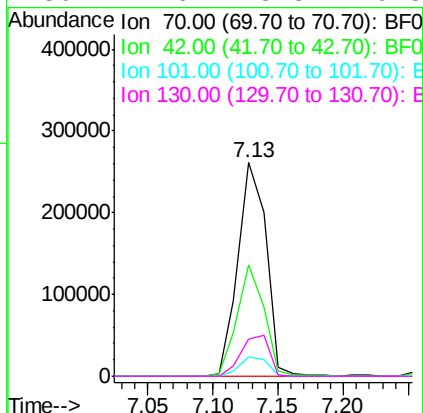
42 52.3 41.7 62.5

101 8.7 6.7 10.1

130 17.6 13.8 20.8

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#20

3+4-Methylphenols

Concen: 43.08 ng

RT: 7.14 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion: 107 Resp: 533419

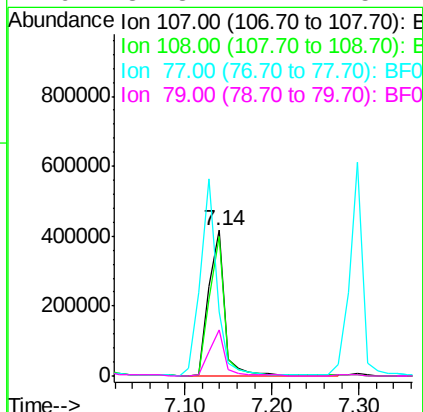
Ion Ratio Lower Upper

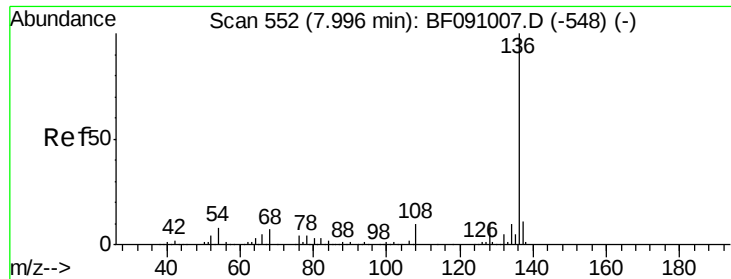
107 100

108 95.7 75.5 115.5

77 44.2 26.4 66.4

79 31.3 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

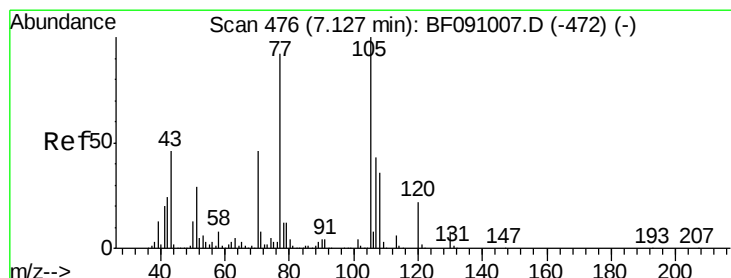
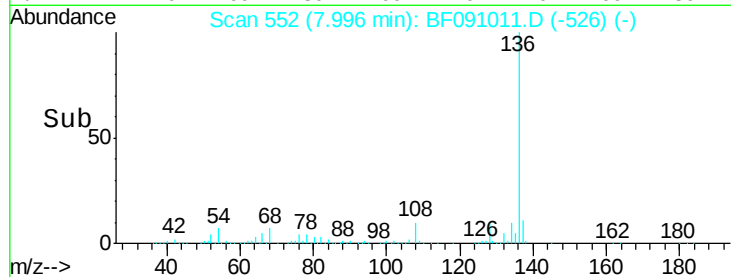
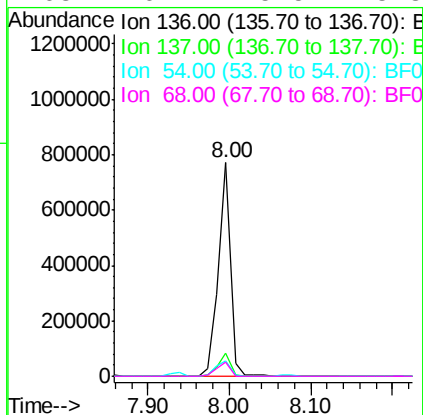
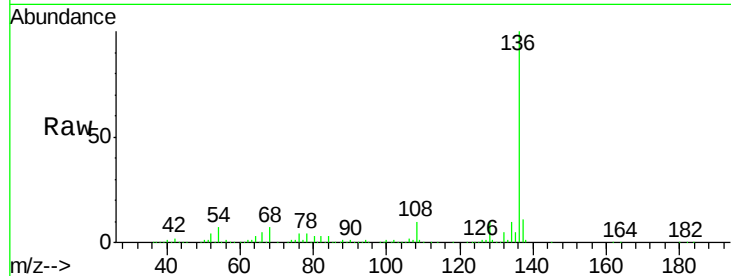
ClientSampleId :

ICVBF110316

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	792261		
137	10.9	8.9	13.3	
54	7.4	6.2	9.2	
68	6.7	5.5	8.3	

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#22

Acetophenone

Concen: 39.81 ng

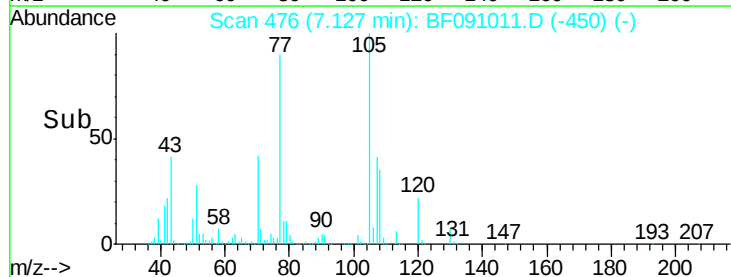
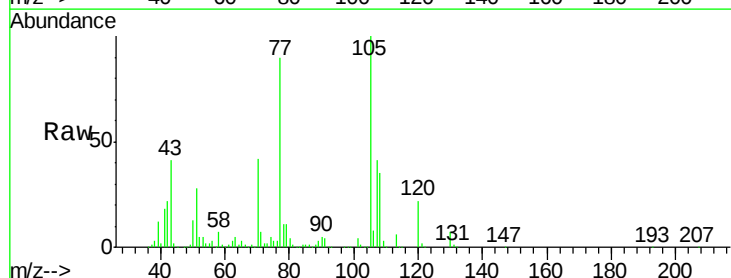
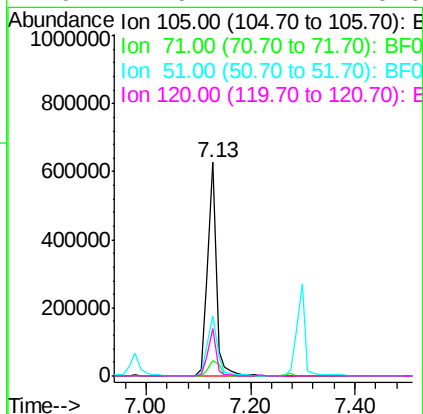
RT: 7.13 min Scan# 476

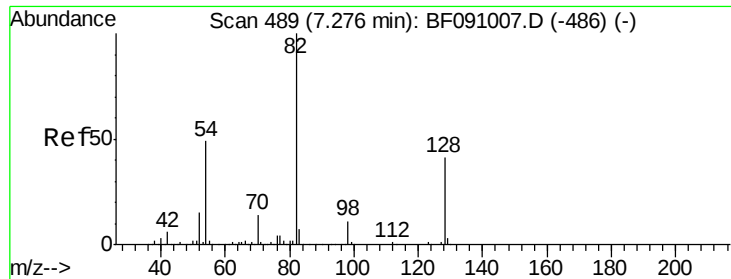
Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	726148		
71	7.1	6.2	9.2	
51	28.0	23.3	34.9	
120	21.9	17.4	26.0	





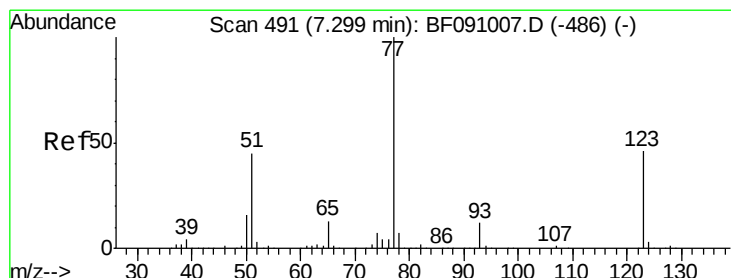
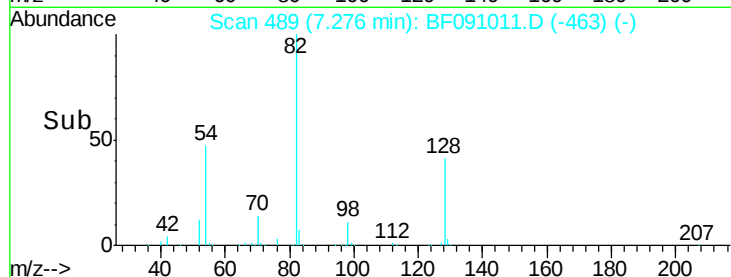
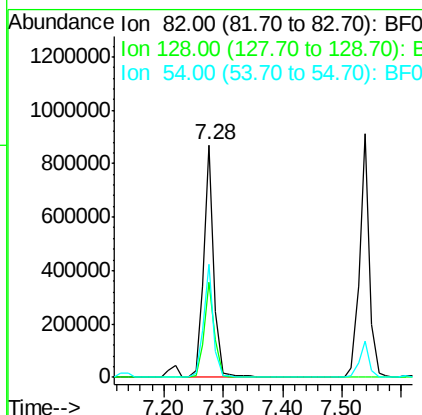
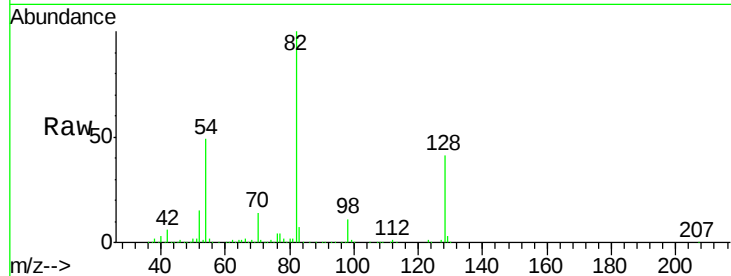
#23
 Nitrobenzene-d5
 Concen: 72.94 ng
 RT: 7.28 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion: 82 Resp: 1059273
 Ion Ratio Lower Upper
 82 100
 128 40.8 32.4 48.6
 54 48.7 39.2 58.8

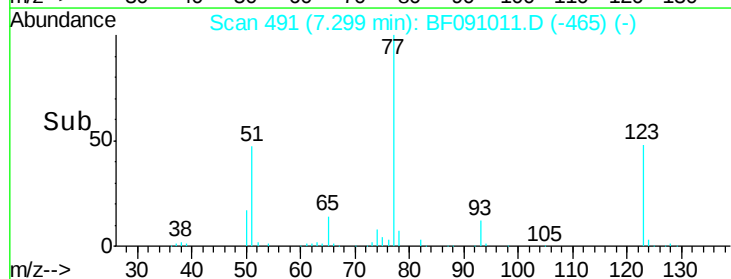
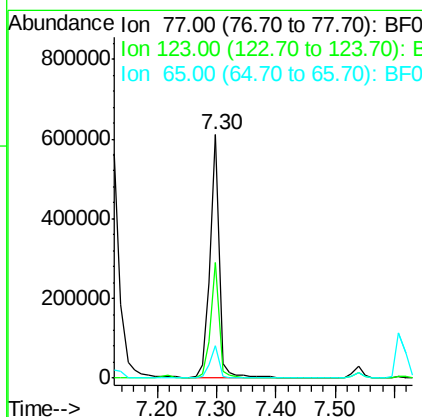
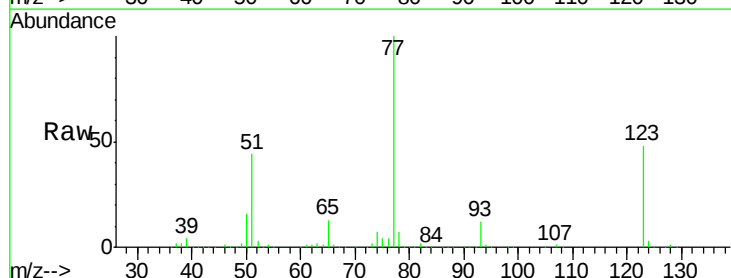
Manual Integrations
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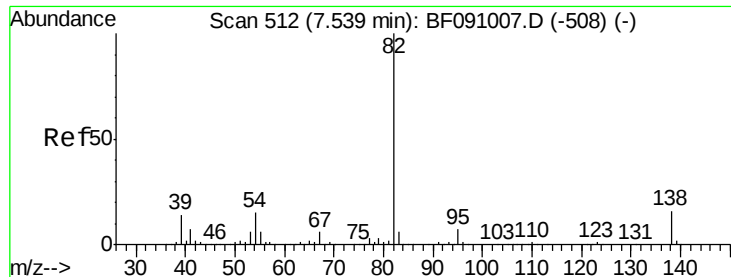
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#24
 Nitrobenzene
 Concen: 41.11 ng
 RT: 7.30 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion: 77 Resp: 659402
 Ion Ratio Lower Upper
 77 100
 123 47.6 36.5 54.7
 65 13.1 10.7 16.1





#25

Isophorone

Concen: 36.89 ng

RT: 7.54 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

Tgt Ion: 82 Resp: 1032456

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

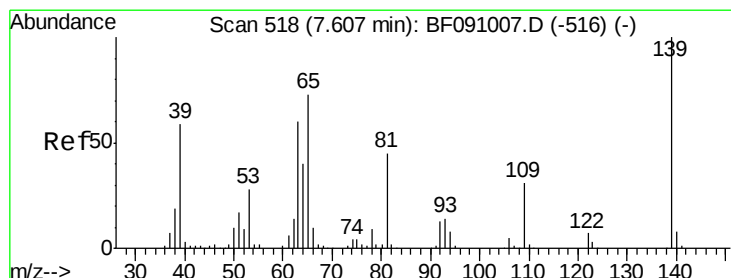
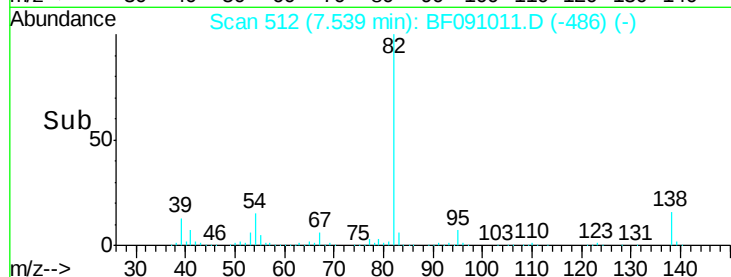
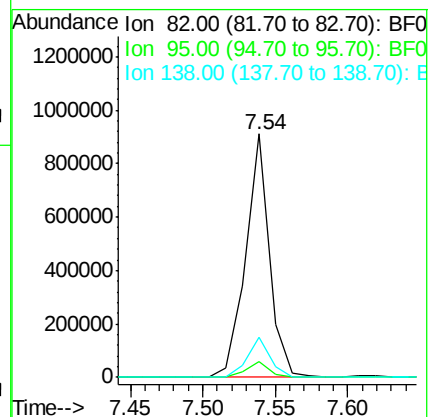
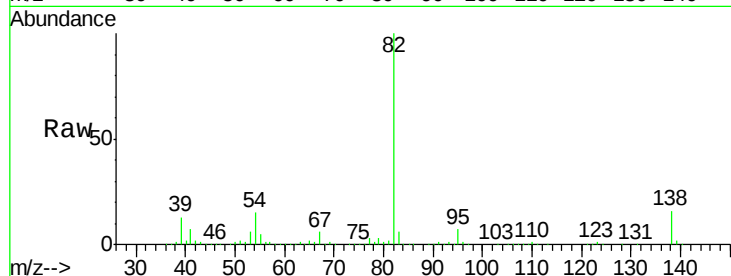
138 16.5 13.0 19.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 38.68 ng

RT: 7.62 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

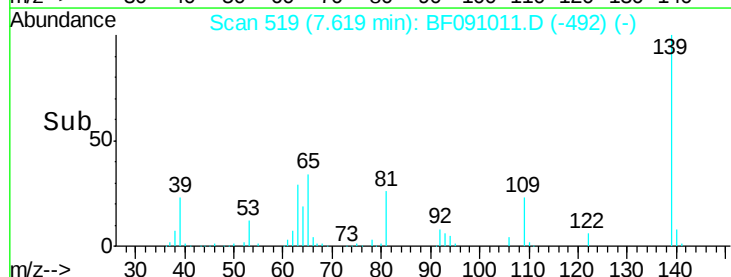
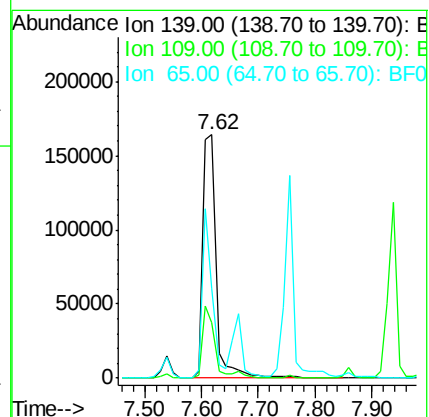
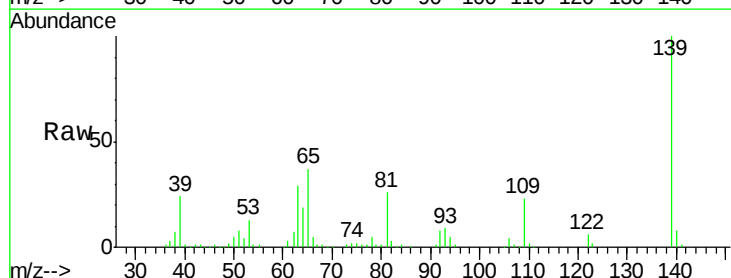
Tgt Ion: 139 Resp: 262570

Ion Ratio Lower Upper

139 100

109 22.9 24.7 37.1#

65 37.2 58.3 87.5#





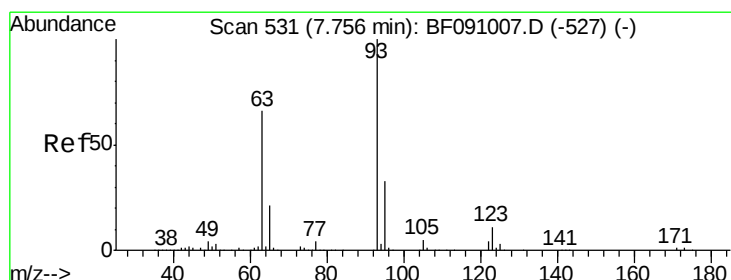
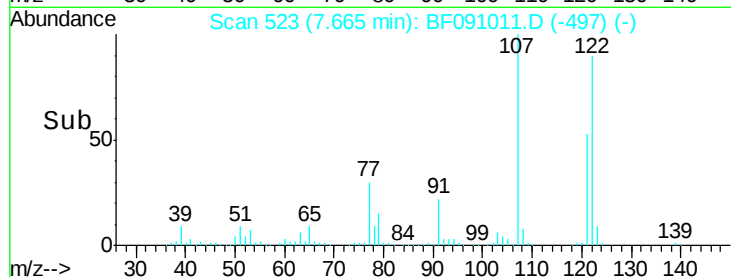
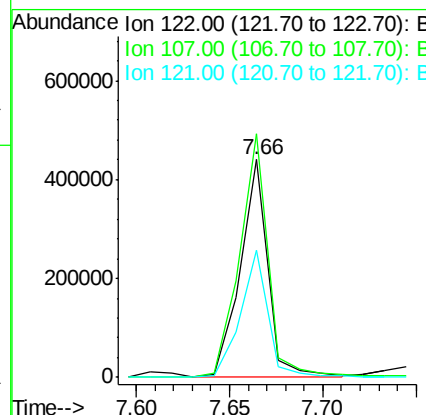
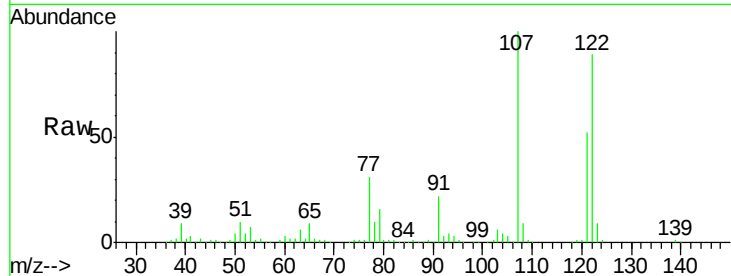
#27
2,4-Dimethylphenol
Concen: 40.50 ng
RT: 7.66 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	454596		
107	111.8	89.6	134.4	
121	58.6	46.3	69.5	

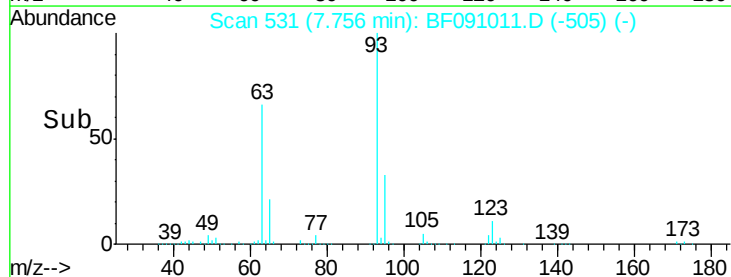
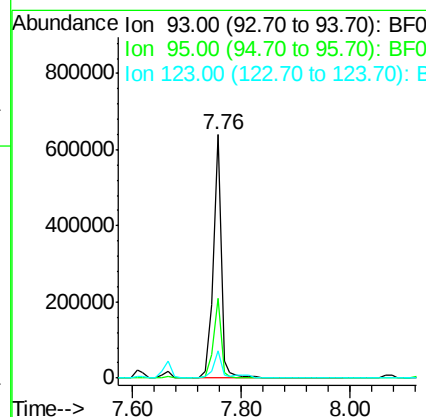
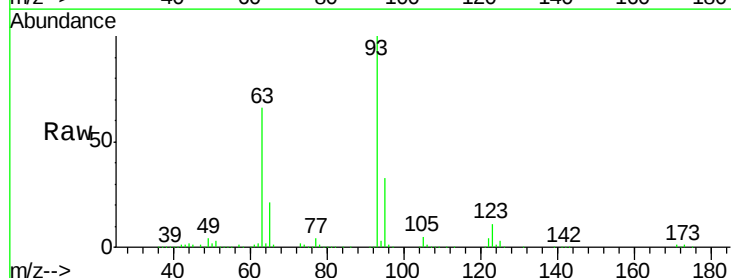
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 41.84 ng
RT: 7.76 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	639702		
95	32.9	26.3	39.5	
123	11.2	8.7	13.1	





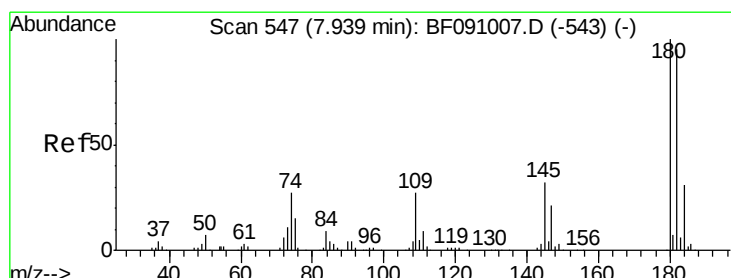
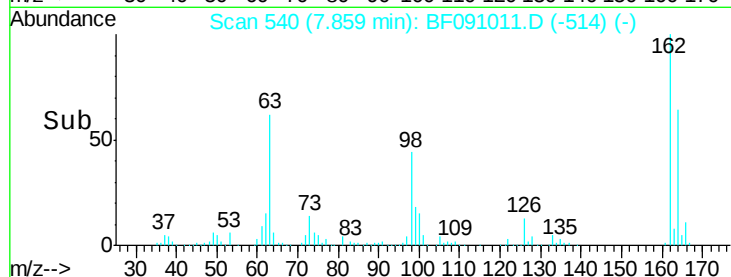
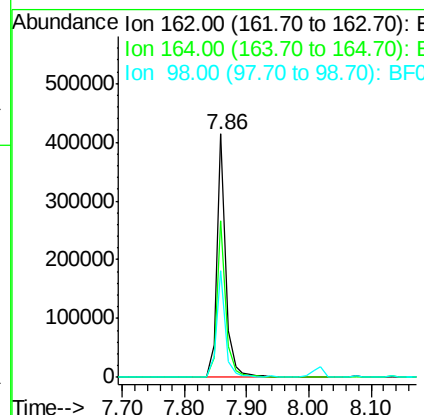
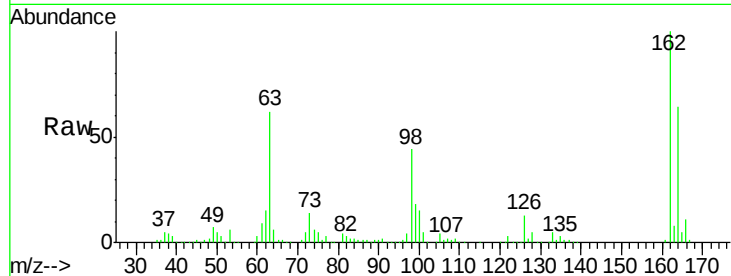
#29
2,4-Dichlorophenol
Concen: 41.39 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	44.4	84.4
98	44.0	25.2	65.2

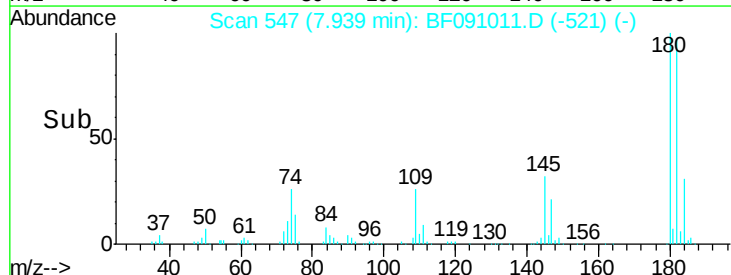
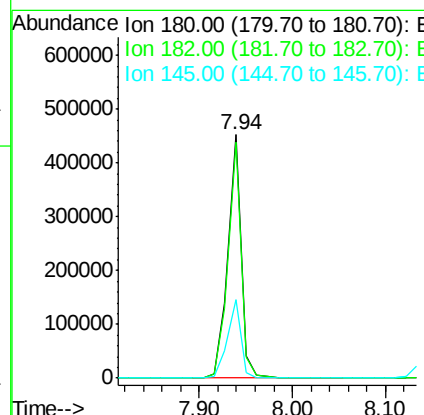
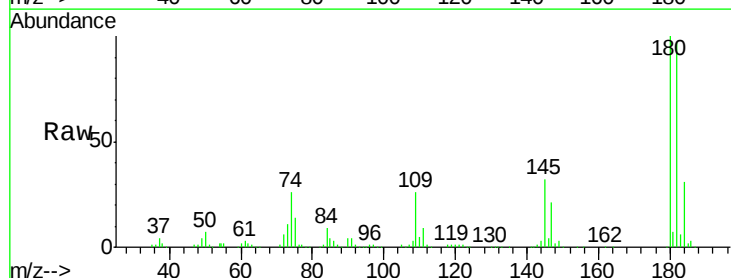
Manual Integrations
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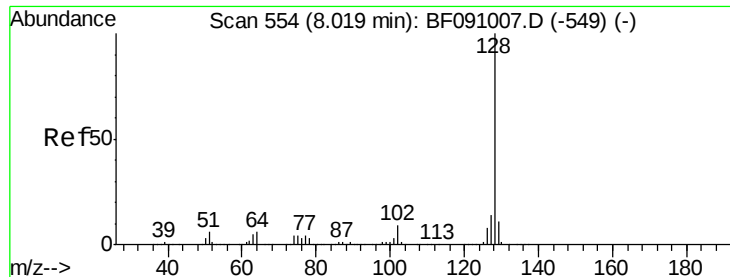
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#30
1,2,4-Trichlorobenzene
Concen: 40.60 ng
RT: 7.94 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.8	76.0	114.0
145	32.2	25.8	38.8





#31

Naphthalene

Concen: 40.36 ng

RT: 8.02 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

Tgt Ion:128 Resp: 1529306

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

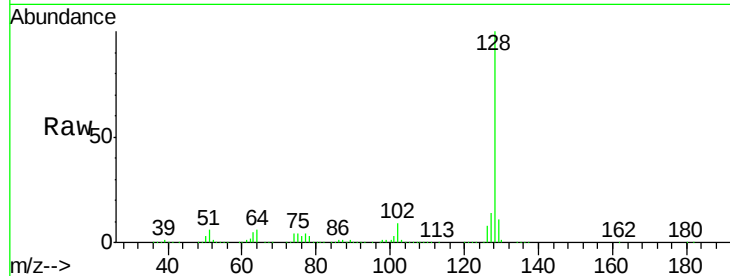
127 13.6 10.9 16.3

Manual Integrations

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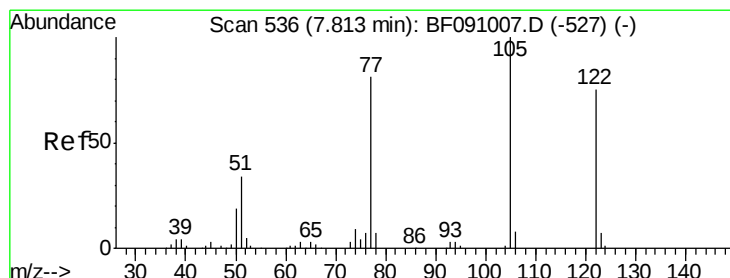
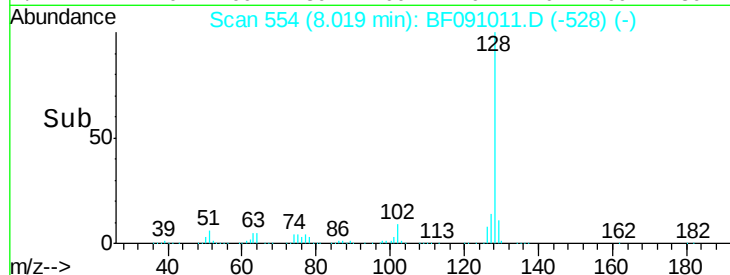
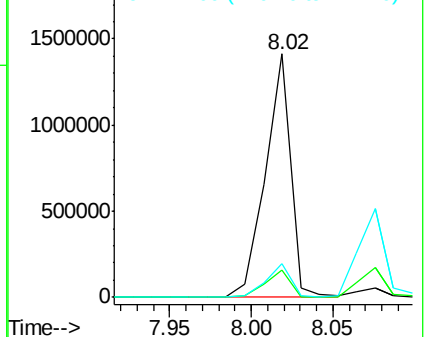
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.92 ng

RT: 7.81 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

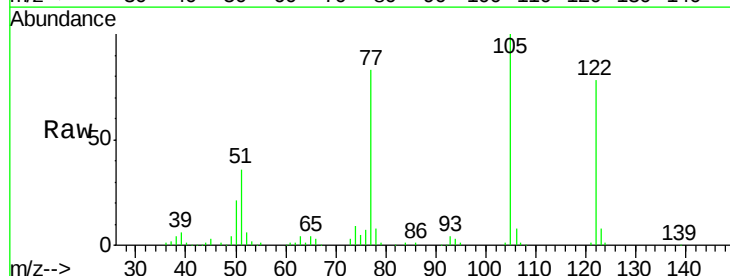
Tgt Ion:122 Resp: 321628

Ion Ratio Lower Upper

122 100

105 128.3 105.9 145.9

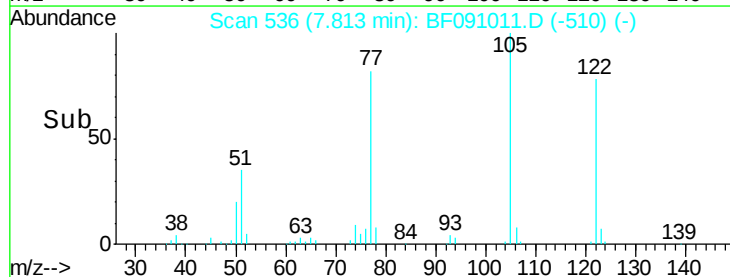
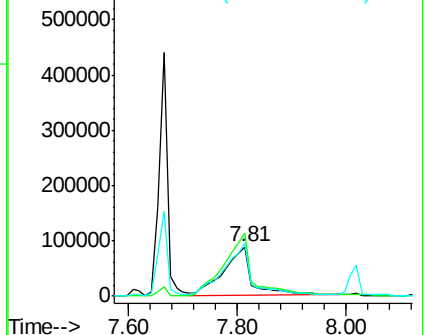
77 106.9 84.0 124.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





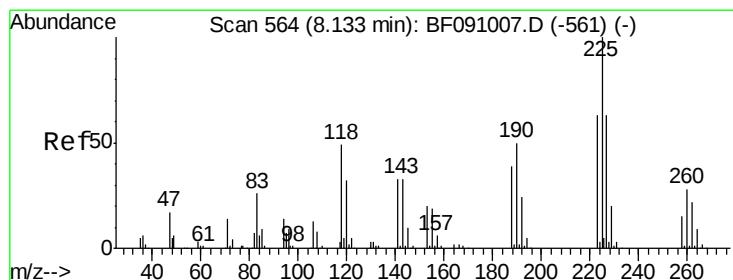
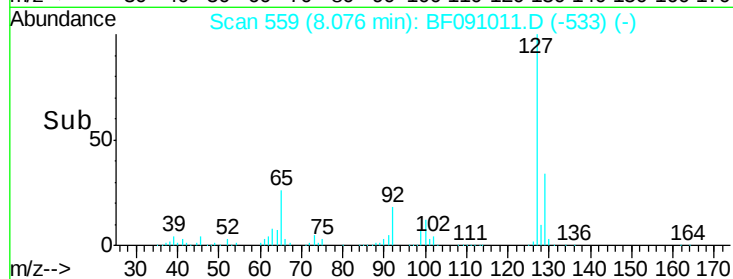
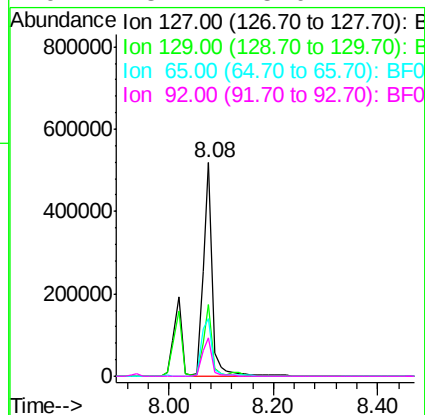
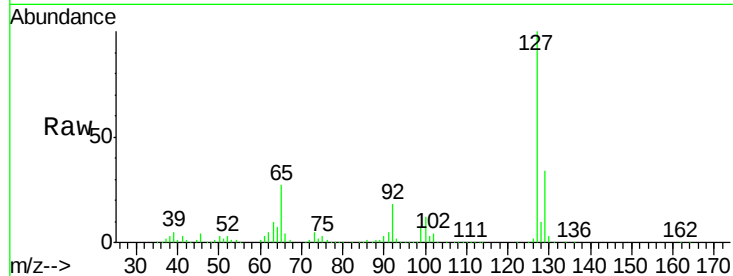
#33
4-Chloroaniline
Concen: 39.59 ng
RT: 8.08 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	623840		
129	33.7	26.6	39.8	
65	27.2	22.2	33.2	
92	18.2	15.0	22.4	

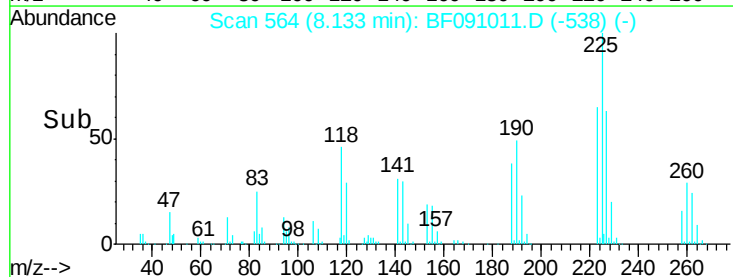
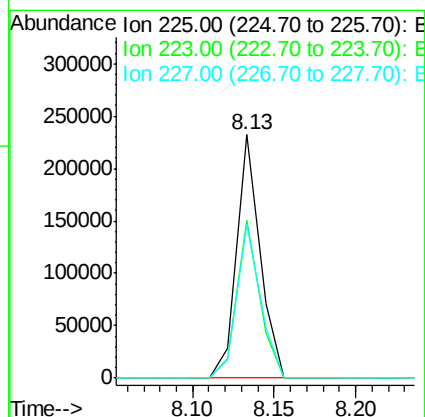
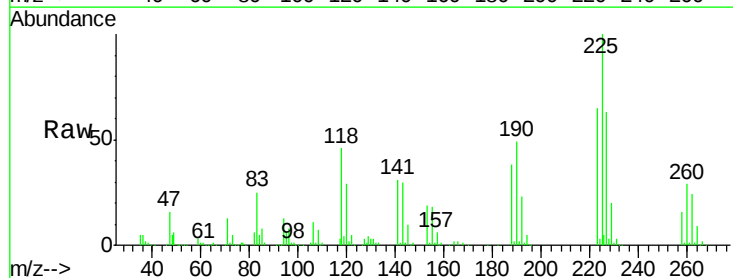
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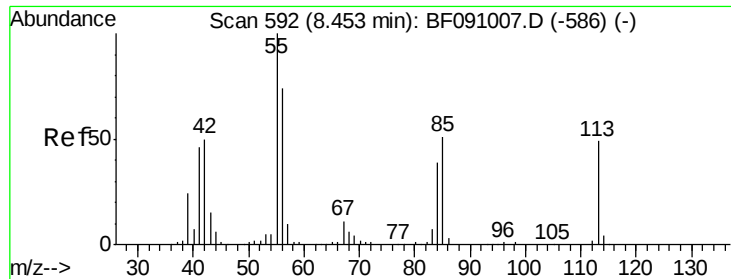
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#34
Hexachlorobutadiene
Concen: 38.41 ng
RT: 8.13 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	228390		
223	64.6	50.4	75.6	
227	63.5	50.1	75.1	





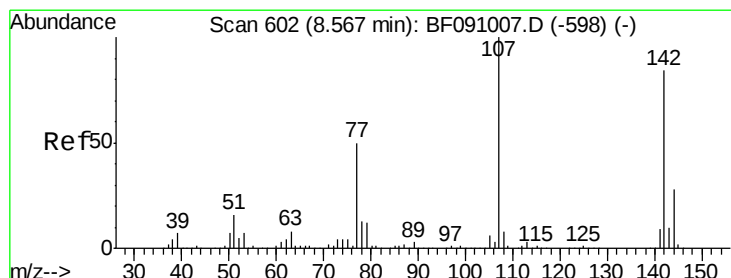
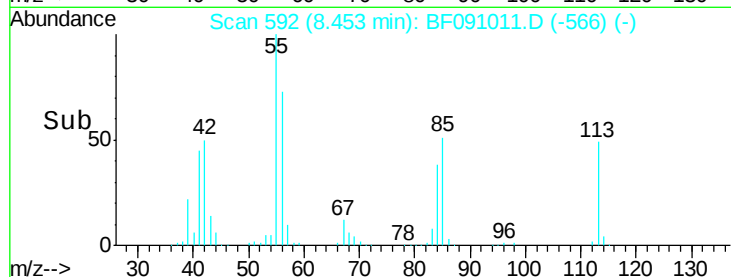
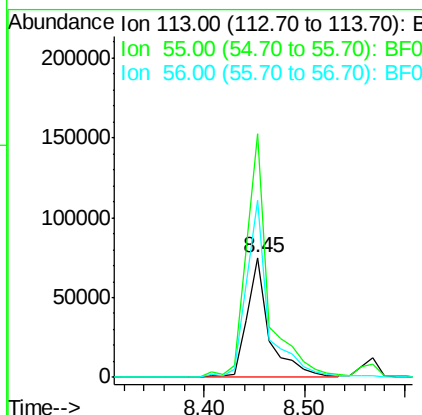
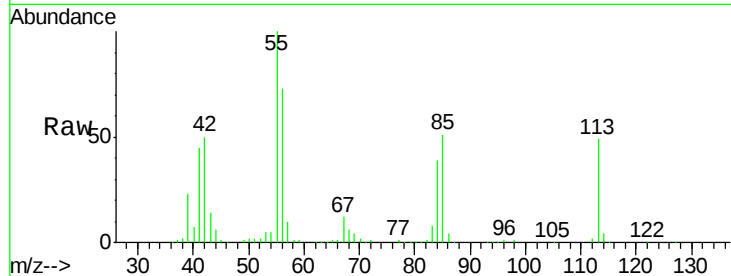
#35
 Caprolactam
 Concen: 38.00 ng
 RT: 8.45 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion:113 Resp: 116962
 Ion Ratio Lower Upper
 113 100
 55 203.8 184.1 224.1
 56 148.1 132.0 172.0

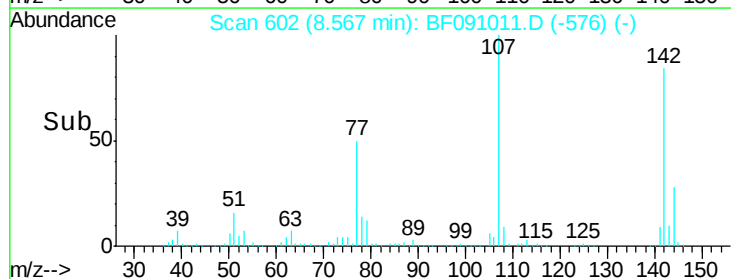
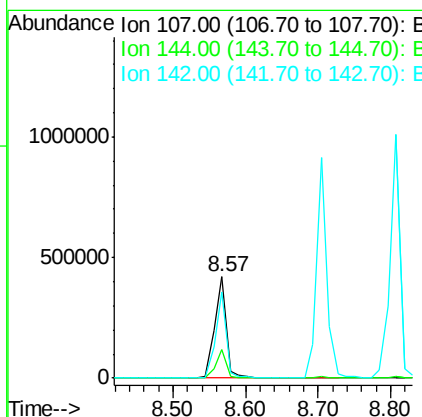
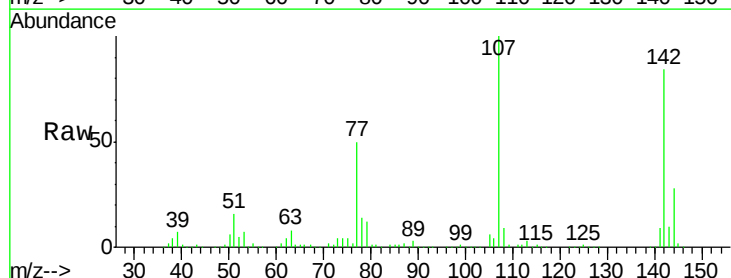
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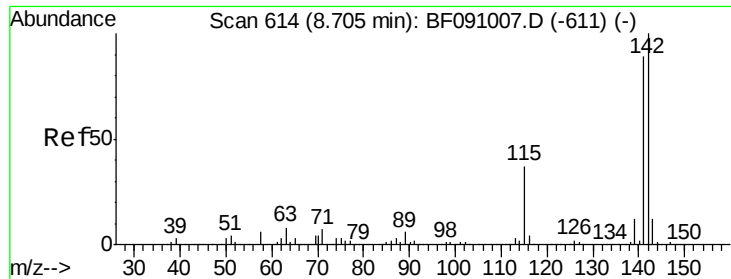
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#36
 4-Chloro-3-methylphenol
 Concen: 40.09 ng
 RT: 8.57 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

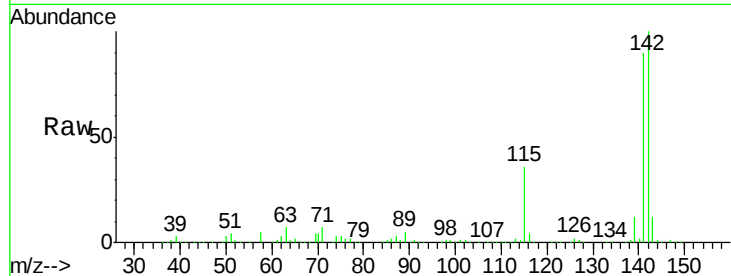
Tgt Ion:107 Resp: 475531
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.5 33.7
 142 84.4 67.4 101.2





#37
2-Methylnaphthalene
Concen: 36.55 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

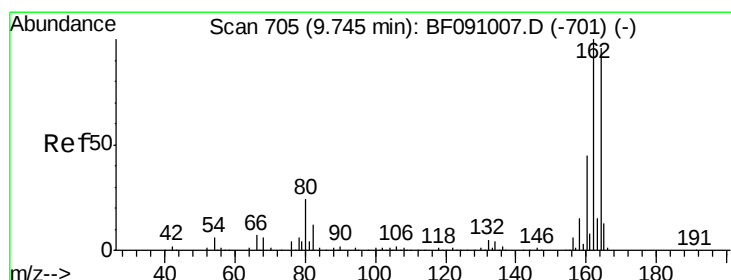
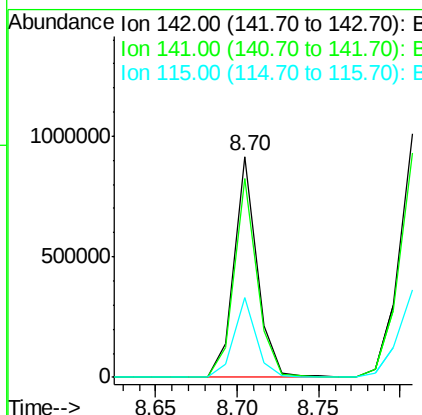
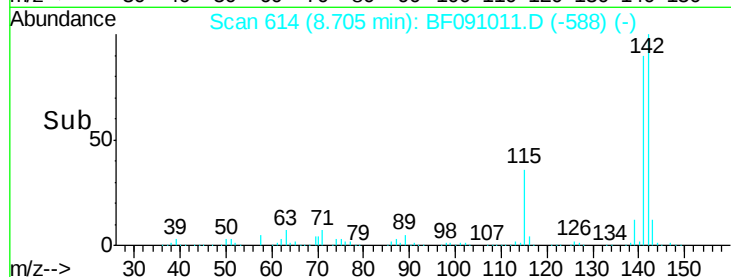
Instrument :
BNA_F
ClientSampleId :
ICVBF110316



Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	90.2	71.3	106.9
115	36.4	29.9	44.9

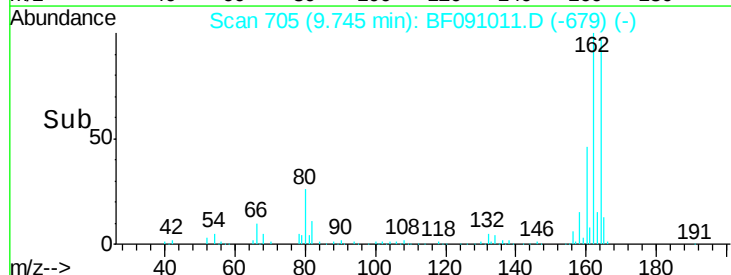
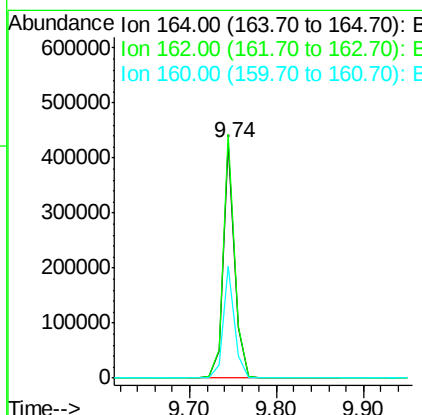
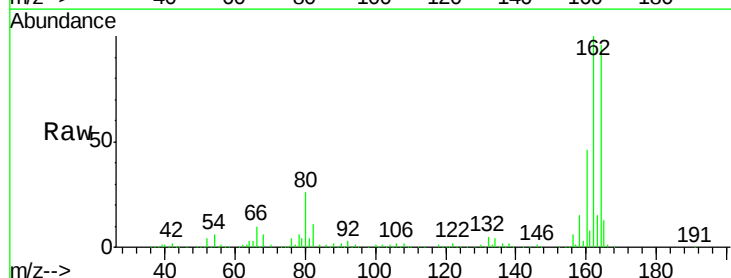
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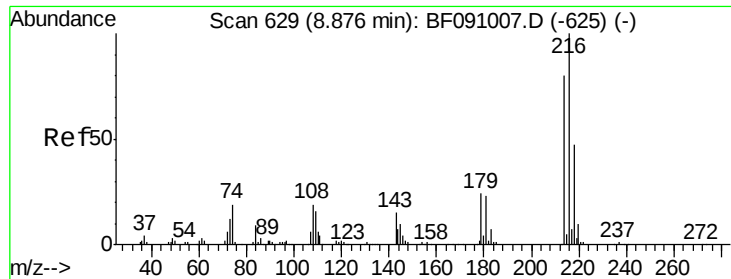
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.7	83.6	125.4
160	47.4	37.9	56.9





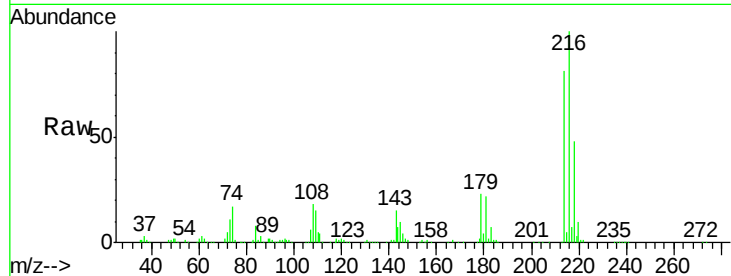
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.22 ng
 RT: 8.88 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

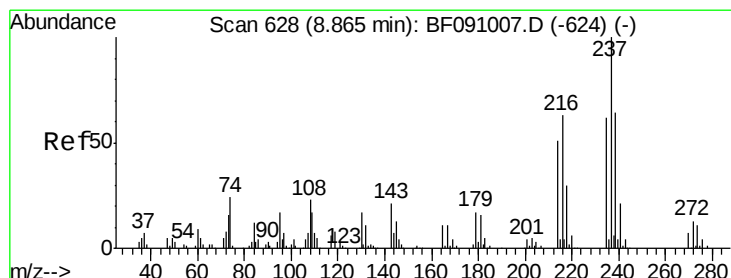
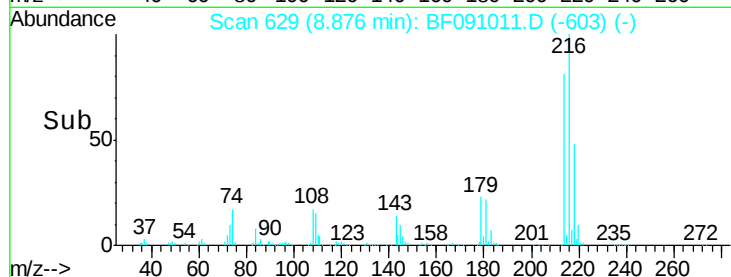
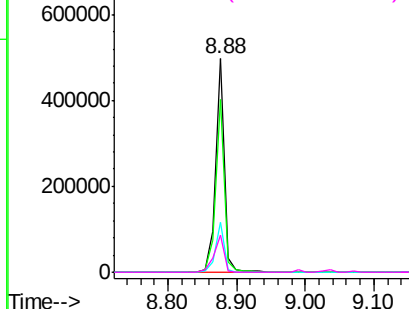
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	446073		
214	80.0	63.5	95.3	
179	23.4	19.1	28.7	
108	20.6	17.5	26.3	

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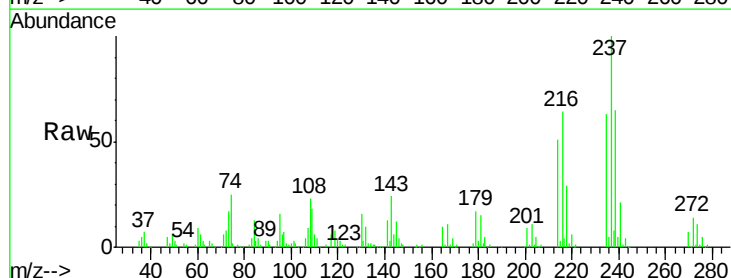


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

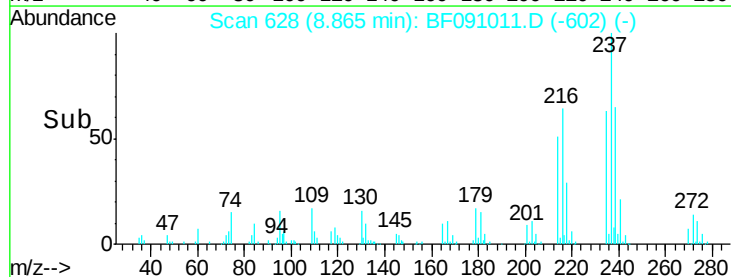
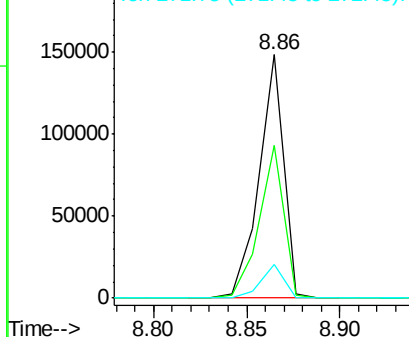


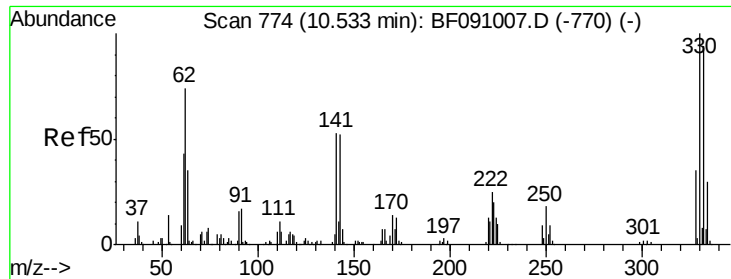
#40
 Hexachlorocyclopentadiene
 Concen: 38.28 ng
 RT: 8.86 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	134449		
235	62.6	42.1	82.1	
272	13.6	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





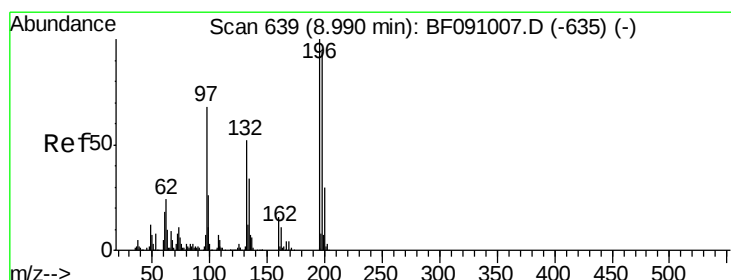
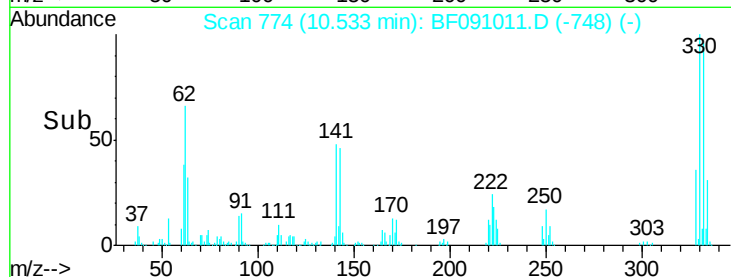
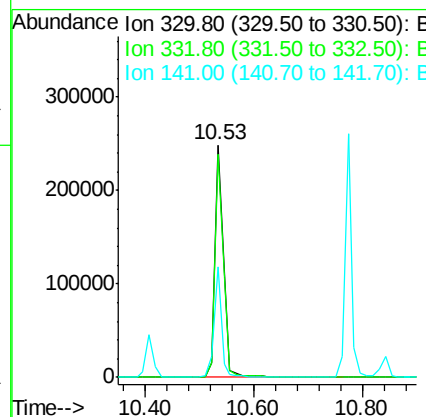
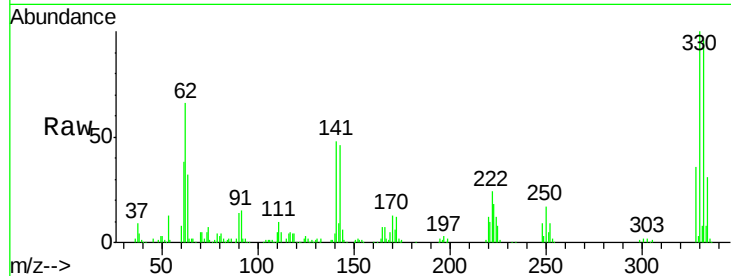
#41
 2,4,6-Tribromophenol
 Concen: 77.00 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	275464		
332	96.0	75.9	113.9	
141	42.1	36.1	54.1	

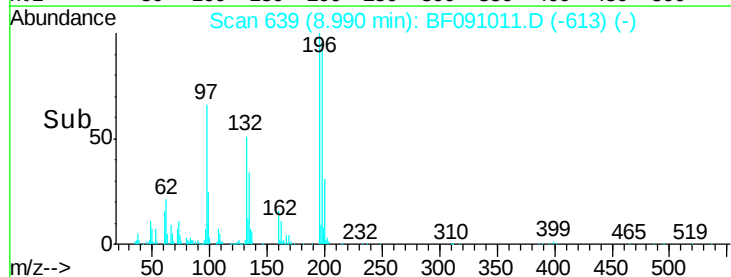
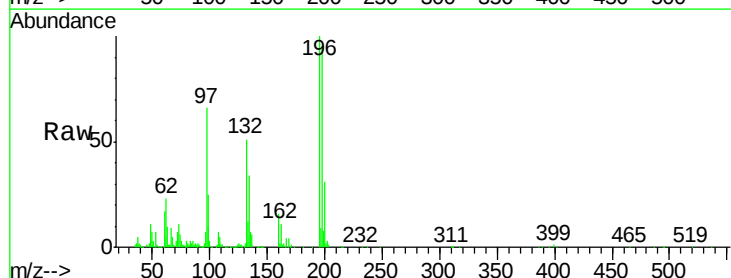
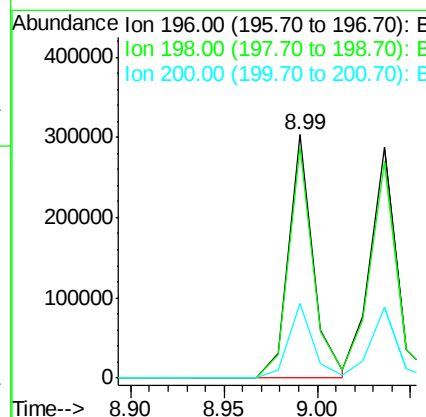
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 42.73 ng
 RT: 8.99 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278267		
198	94.6	75.4	113.0	
200	30.6	24.1	36.1	





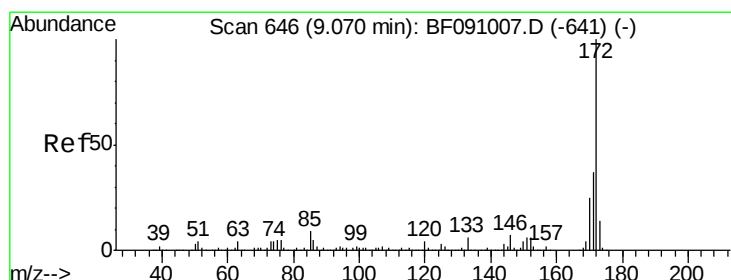
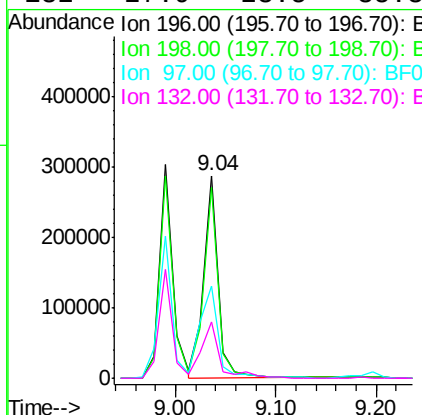
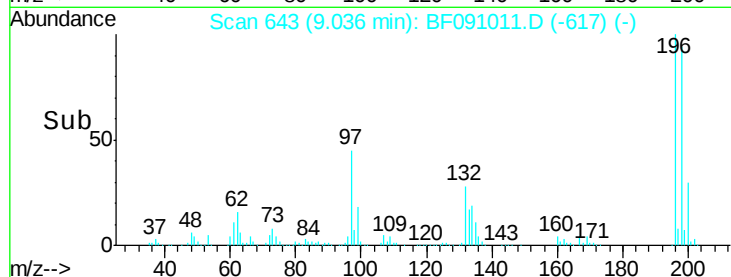
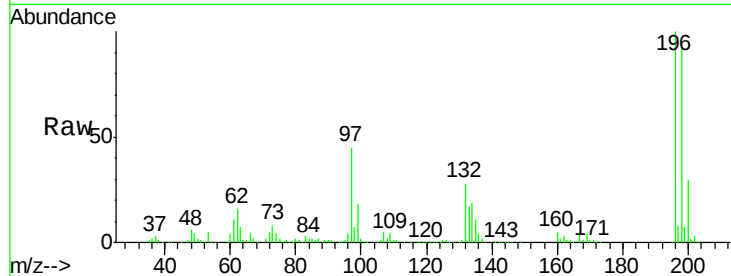
#43
 2,4,5-Trichlorophenol
 Concen: 42.41 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289999		
198	93.8	78.2	117.4	
97	45.4	38.8	58.2	
132	27.9	23.5	35.3	

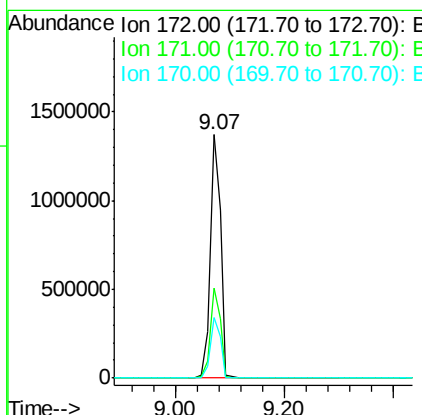
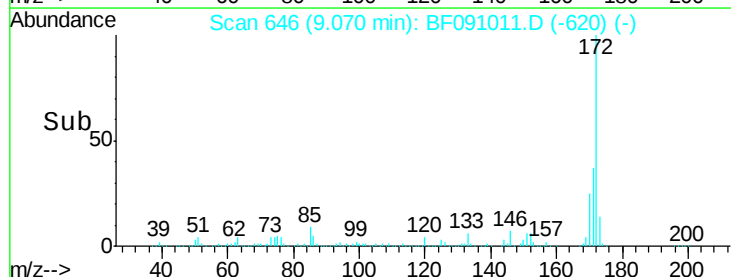
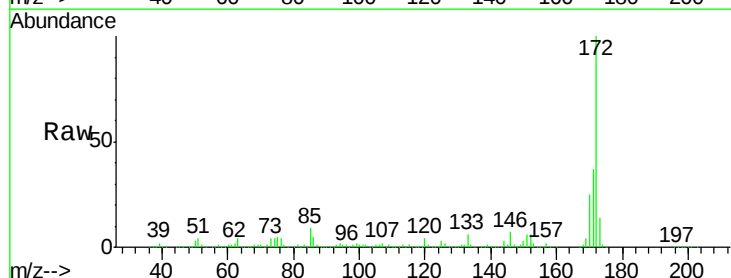
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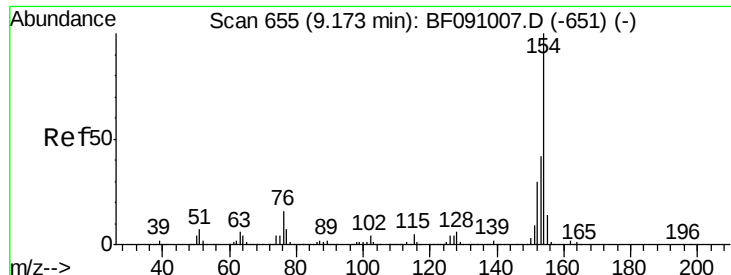
Sohil
 11/4/2016 12:12:37 PM



#44
 2-Fluorobiphenyl
 Concen: 79.26 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1821573		
171	37.0	29.8	44.6	
170	25.1	20.3	30.5	





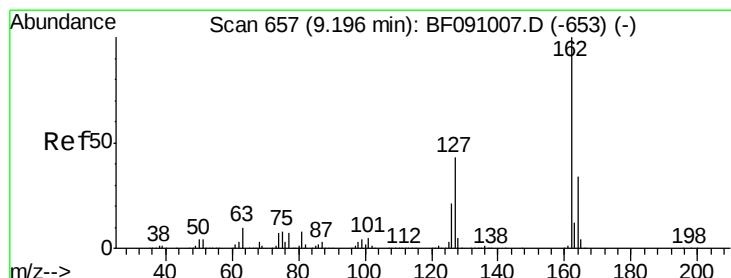
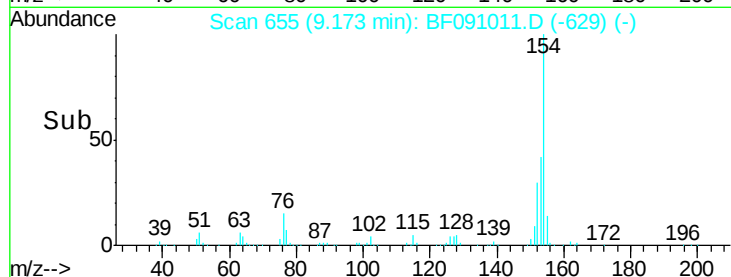
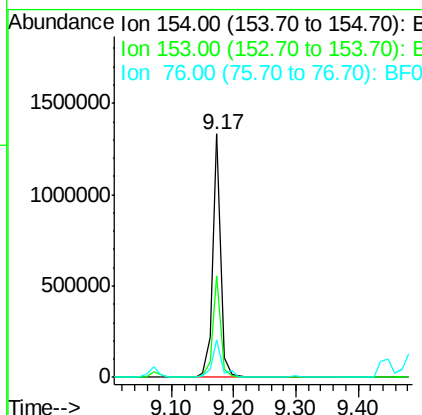
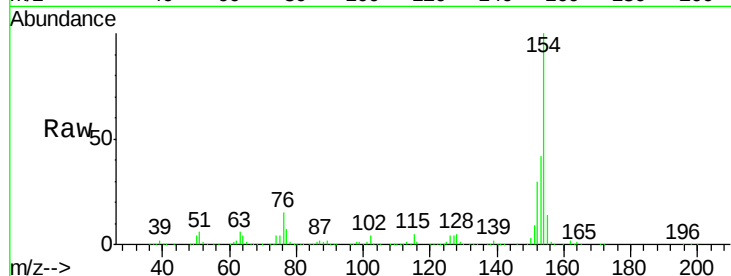
#45
 1,1'-Biphenyl
 Concen: 41.11 ng
 RT: 9.17 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion:154 Resp: 1187913
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.6 61.6
 76 15.4 0.0 36.2

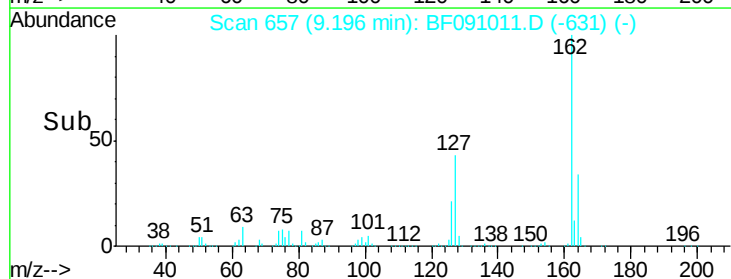
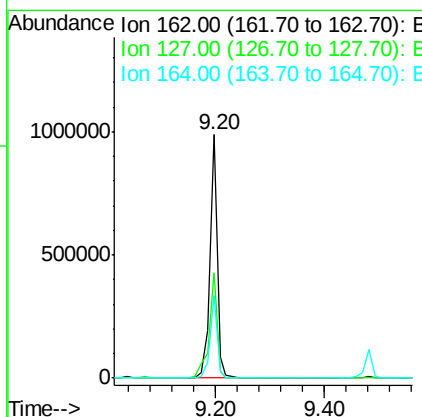
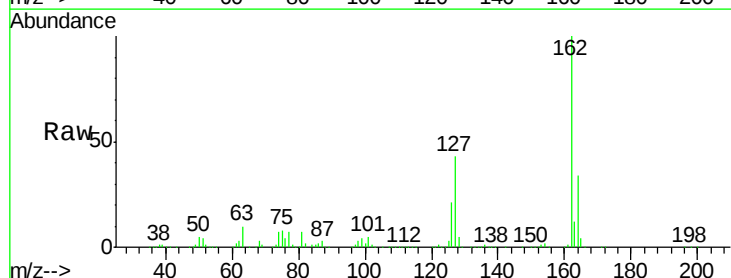
Manual Integrations
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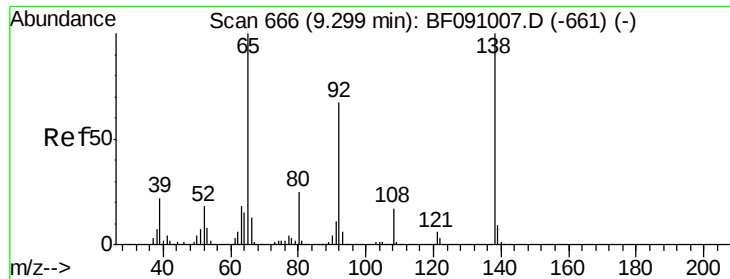
Sohil
 11/4/2016 12:12:37 PM



#46
 2-Chloronaphthalene
 Concen: 41.44 ng
 RT: 9.20 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:162 Resp: 909116
 Ion Ratio Lower Upper
 162 100
 127 43.4 34.7 52.1
 164 33.9 27.0 40.4





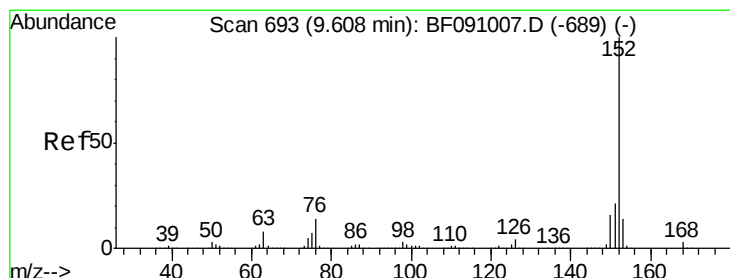
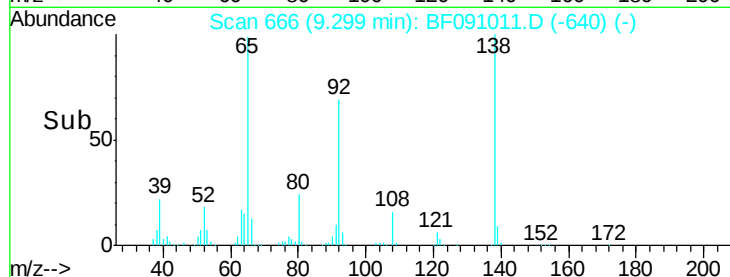
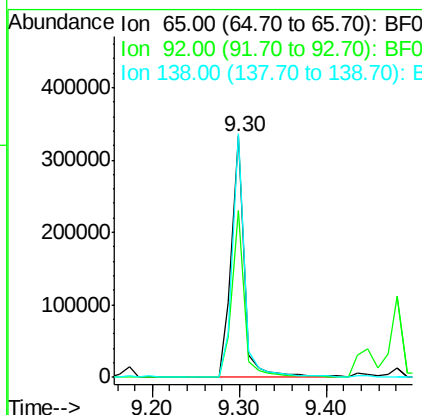
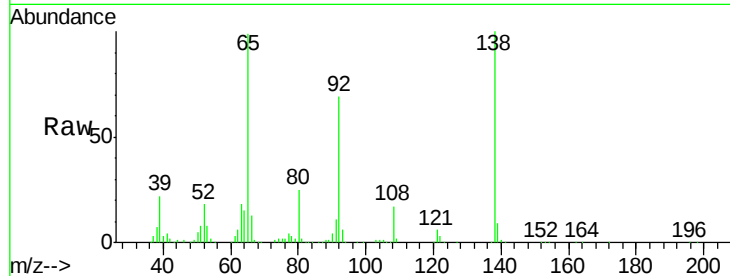
#47
2-Nitroaniline
Concen: 43.03 ng
RT: 9.30 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion: 65 Resp: 350277
Ion Ratio Lower Upper
65 100
92 69.4 53.9 80.9
138 101.1 80.1 120.1

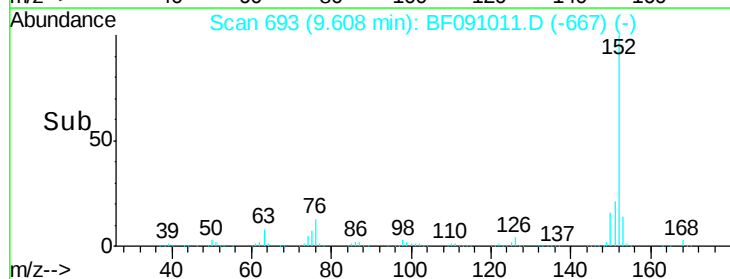
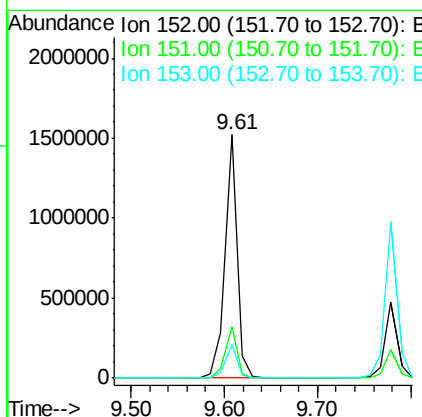
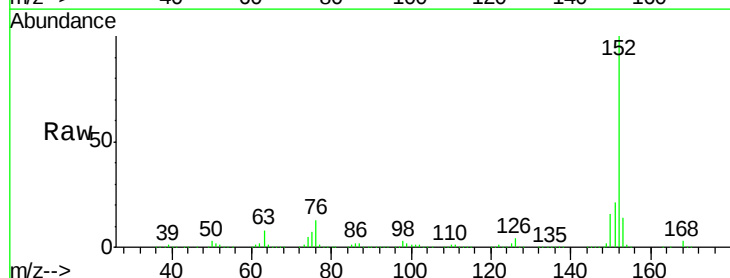
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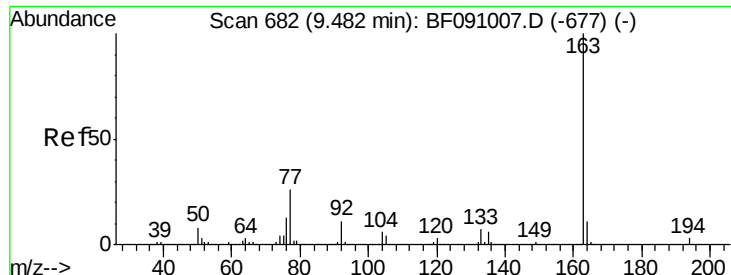
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#48
Acenaphthylene
Concen: 39.99 ng
RT: 9.61 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion: 152 Resp: 1367153
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 13.9 11.1 16.7





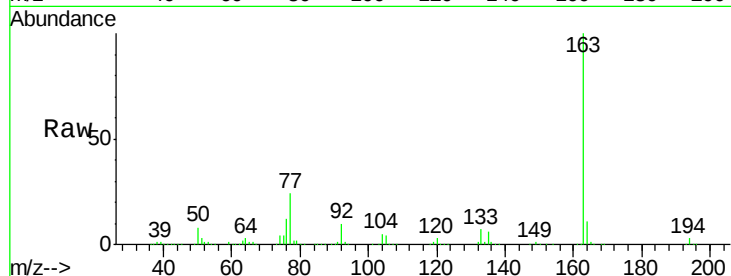
#49
Dimethylphthalate
Concen: 39.21 ng
RT: 9.48 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

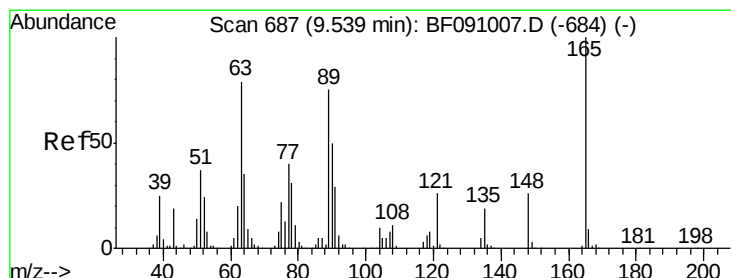
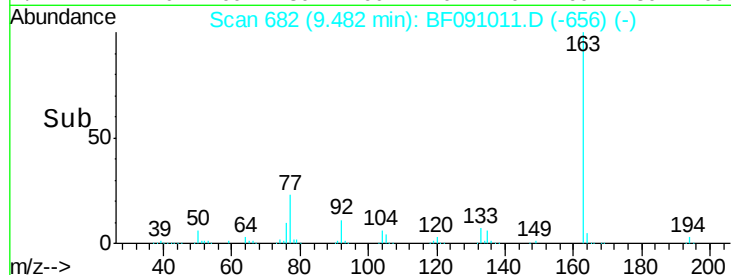
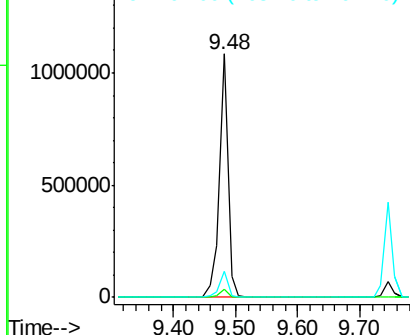
Tgt Ion:163 Resp: 1017242
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.7 13.1

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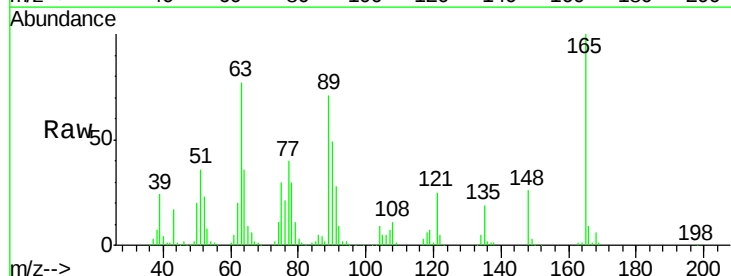


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

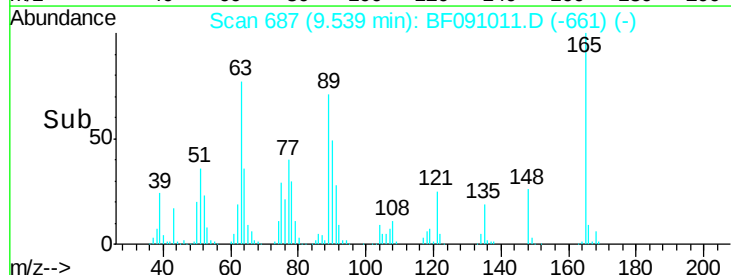
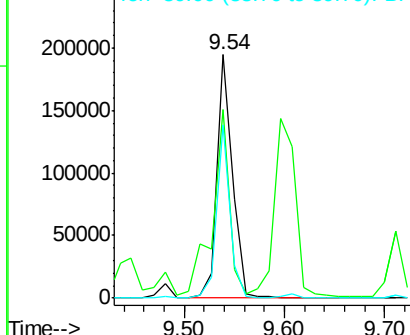


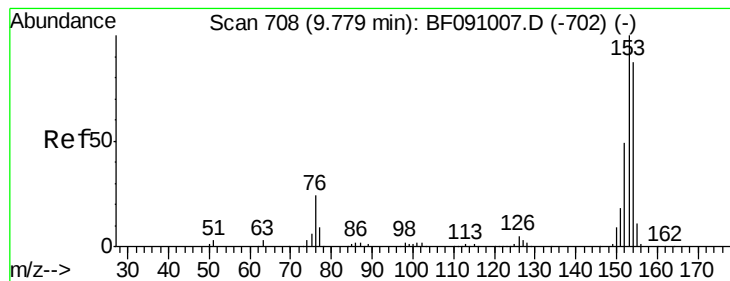
#50
2,6-Dinitrotoluene
Concen: 37.44 ng
RT: 9.54 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion:165 Resp: 208161
Ion Ratio Lower Upper
165 100
63 77.2 65.6 98.4
89 71.2 59.8 89.6



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: 37.05 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

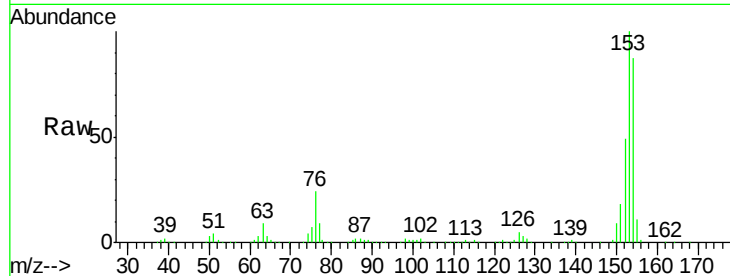
ClientSampleId :

ICVBF110316

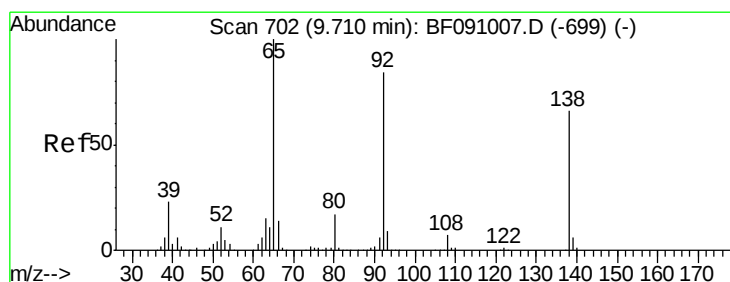
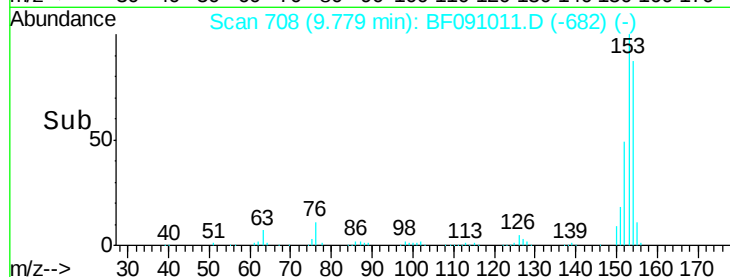
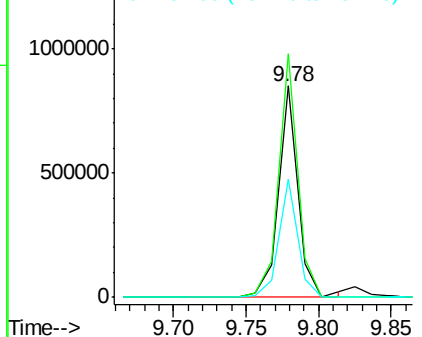
Tgt Ion:	154	Resp:	795175
Ion Ratio	Lower	Upper	
154	100		
153	115.1	91.6	137.4
152	56.1	44.6	67.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.12 ng

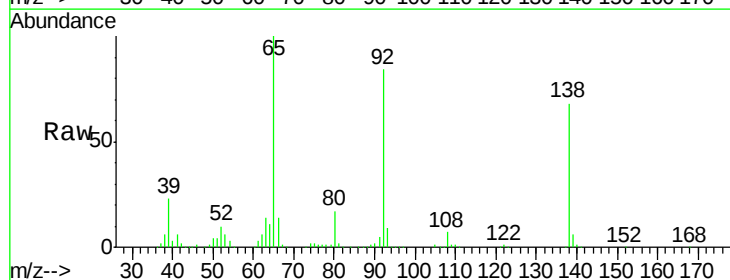
RT: 9.71 min Scan# 702

Delta R.T. 0.00 min

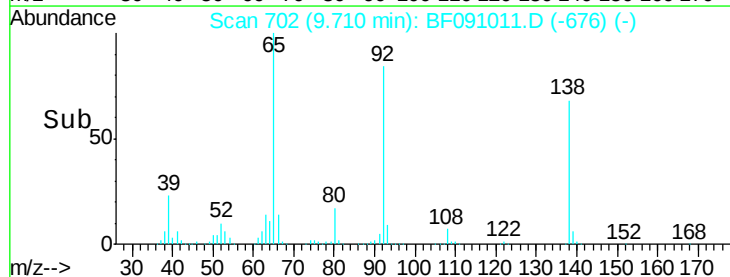
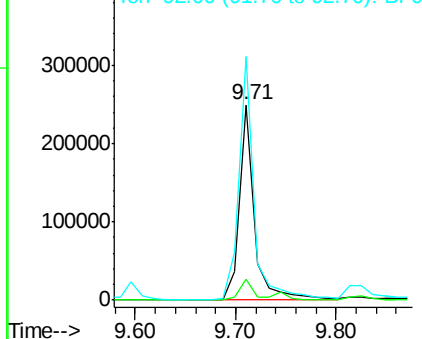
Lab File: BF091011.D

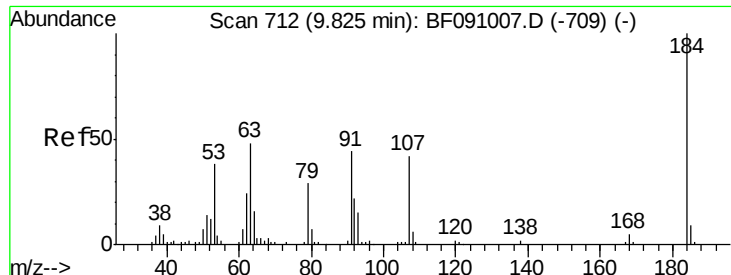
Acq: 3 Nov 2016 21:35

Tgt Ion:	138	Resp:	257935
Ion Ratio	Lower	Upper	
138	100		
108	10.7	8.4	12.6
92	124.6	101.1	151.7



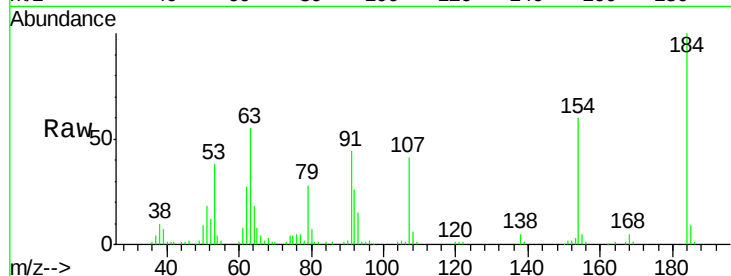
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 37.65 ng
RT: 9.82 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

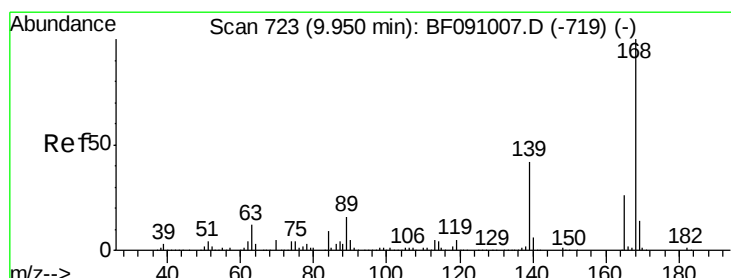
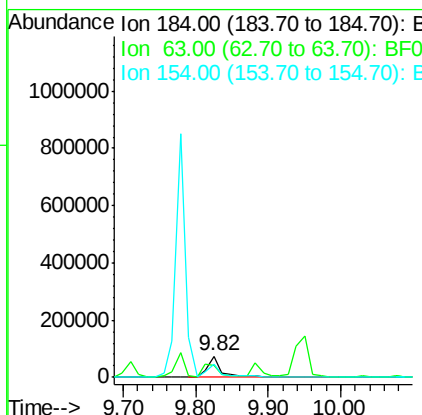
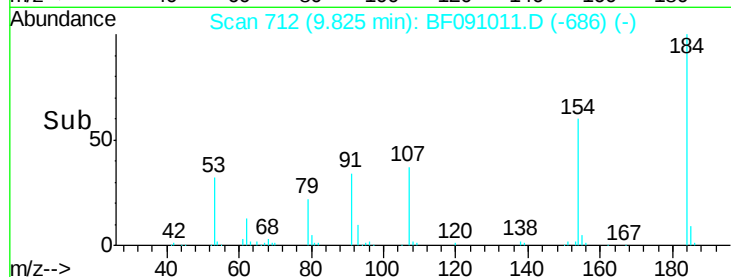
Instrument :
BNA_F
ClientSampleId :
ICVBF110316



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	103140		
63	54.8	45.5	68.3	
154	60.2	51.0	76.4	

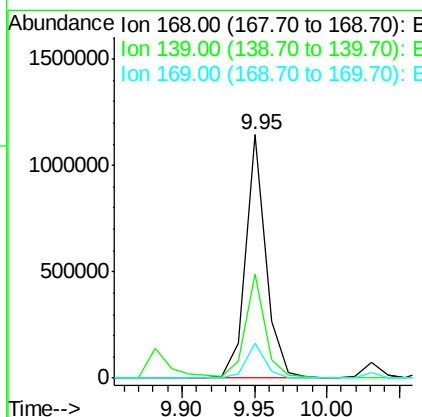
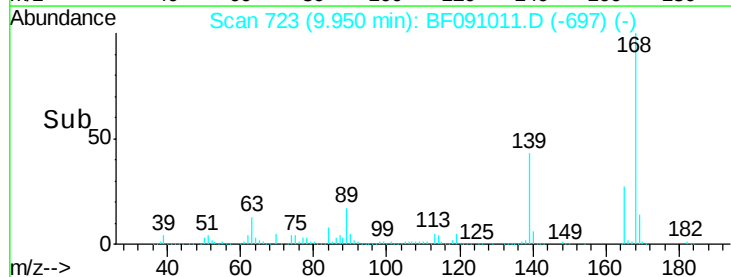
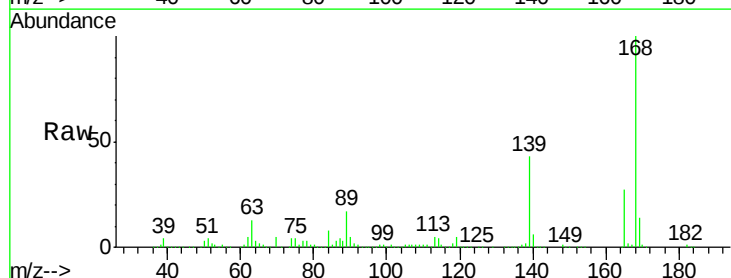
Manual Integrations
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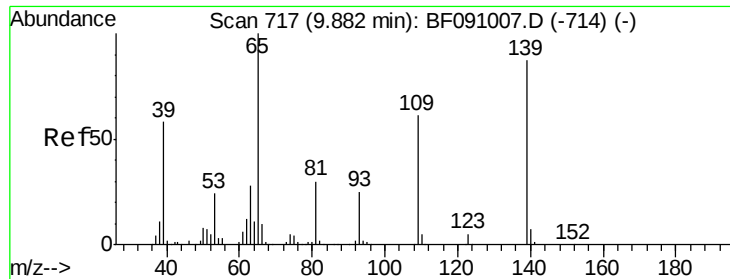
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#54
Dibenzofuran
Concen: 38.45 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1110717		
139	42.6	34.8	52.2	
169	14.2	11.4	17.2	





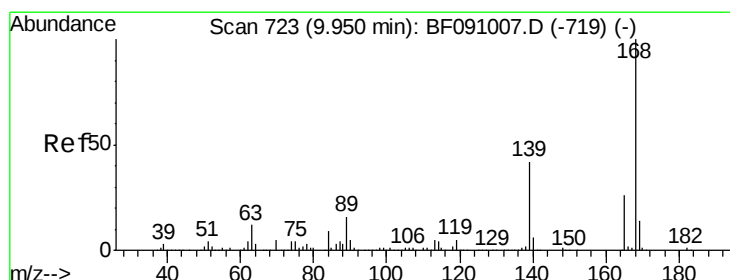
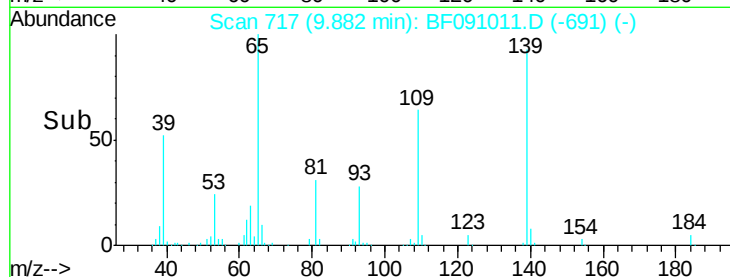
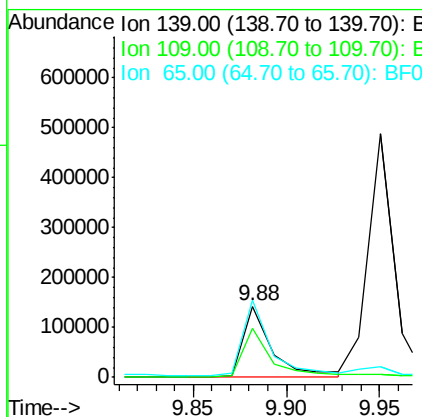
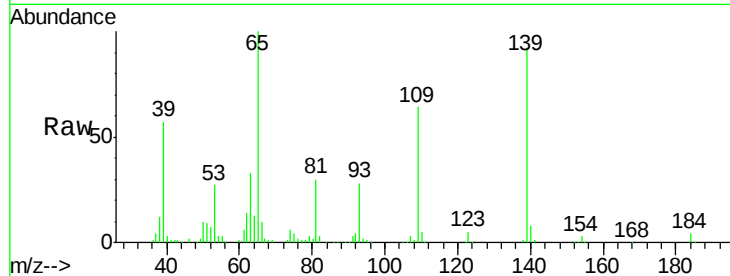
#55
4-Nitrophenol
Concen: 38.92 ng
RT: 9.88 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	156985		
109	69.1	50.5	90.5	
65	108.6	97.1	137.1	

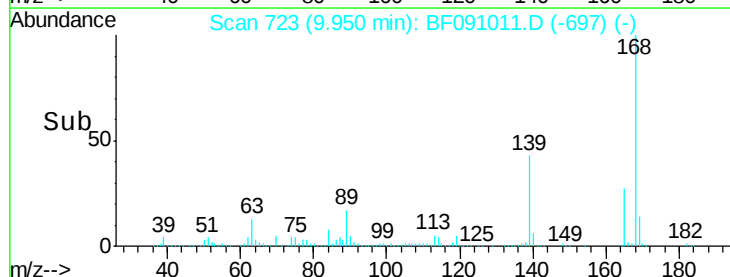
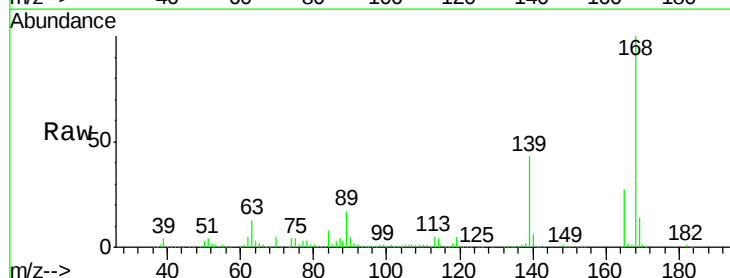
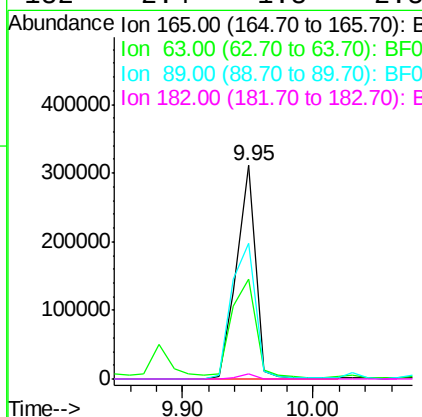
Manual Integrations
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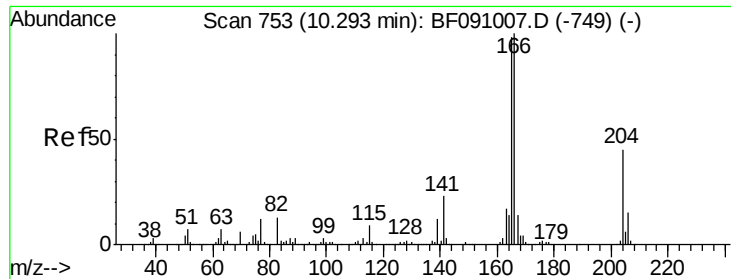
Sohil
11/4/2016 12:12:37 PM



#56
2,4-Dinitrotoluene
Concen: 44.86 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	317404		
63	46.9	38.7	58.1	
89	63.6	50.6	76.0	
182	2.4	1.8	2.8	





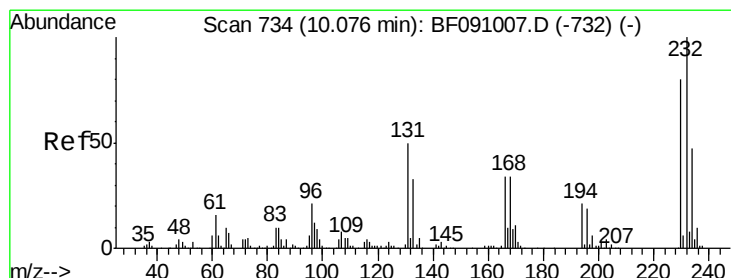
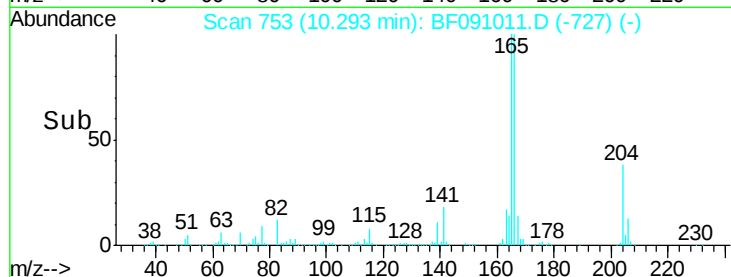
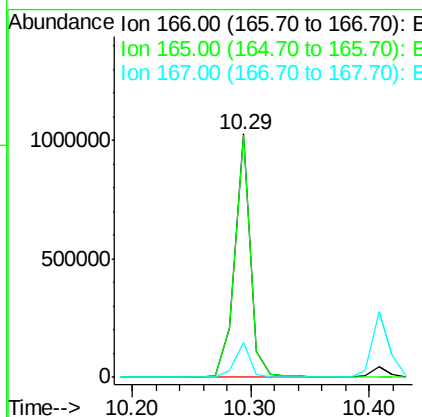
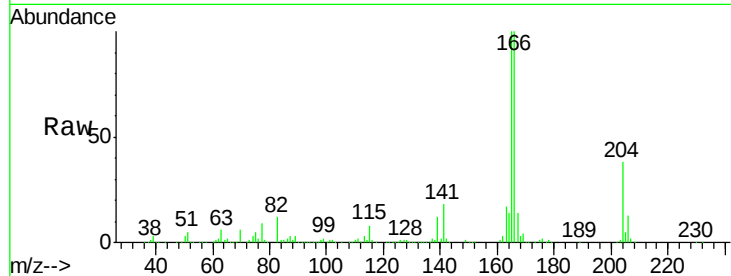
#57
 Fluorene
 Concen: 40.19 ng
 RT: 10.29 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	949187		
165	99.7	78.6	118.0	
167	14.2	11.1	16.7	

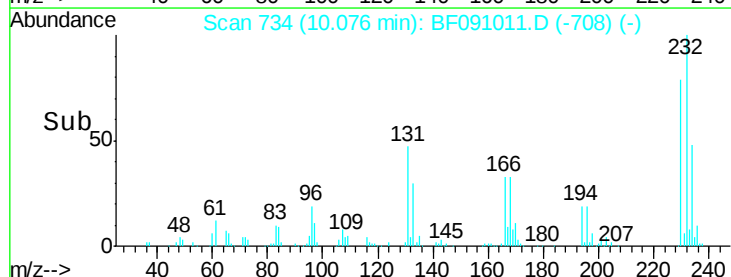
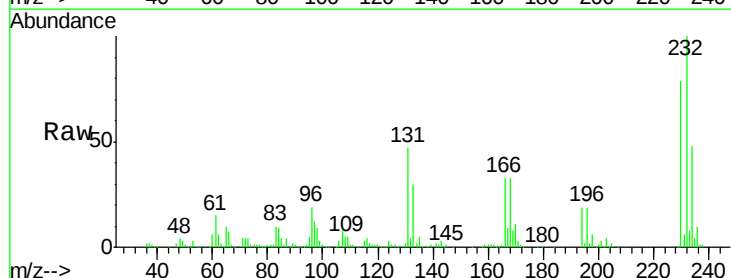
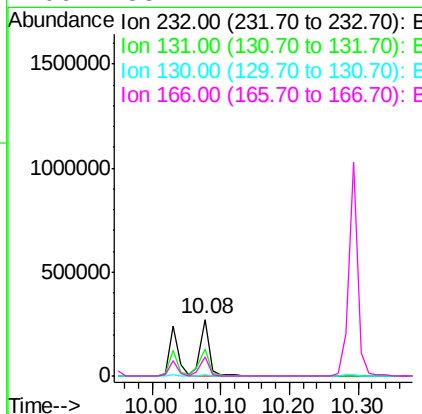
Manual Integrations
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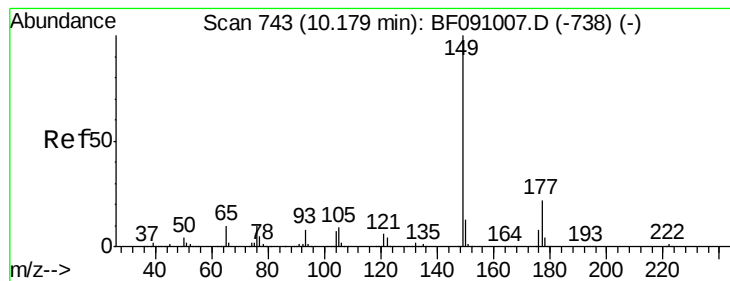
Sohil
 11/4/2016 12:12:37 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.13 ng
 RT: 10.08 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	247082		
131	50.4	43.6	65.4	
130	2.3	2.0	3.0	
166	33.2	27.4	41.2	





#59

Diethylphthalate

Concen: 41.41 ng

RT: 10.18 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

Tgt Ion:149 Resp: 1101461

Ion Ratio Lower Upper

149 100

177 22.1 17.3 25.9

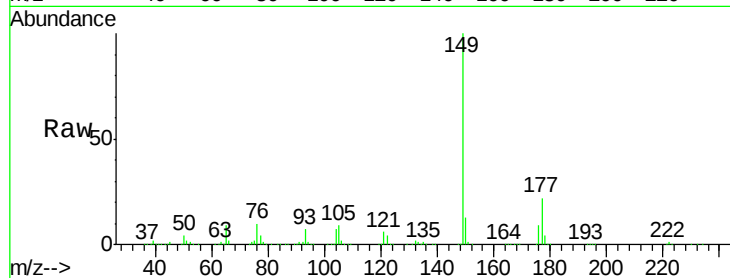
150 12.8 10.3 15.5

Manual Integrations

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Sohil

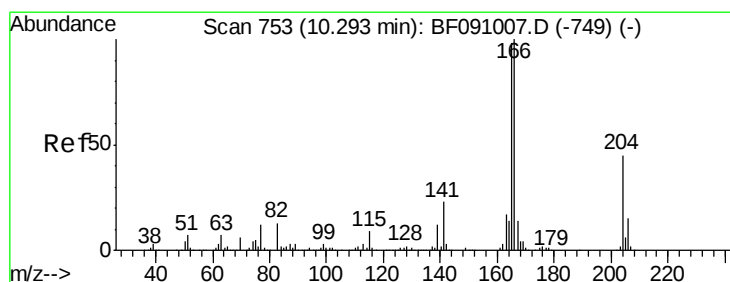
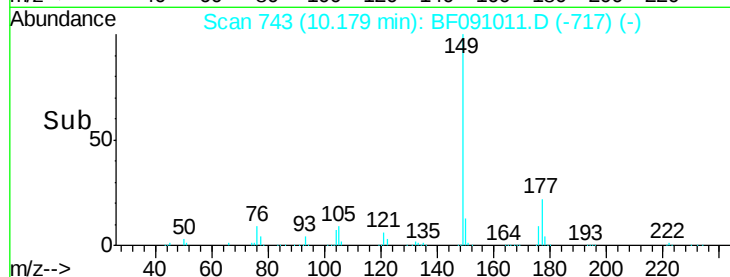
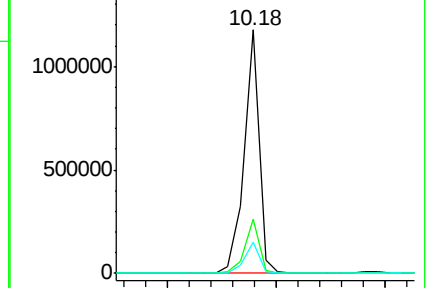
11/4/2016 12:12:37 PM



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: 41.12 ng

RT: 10.29 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

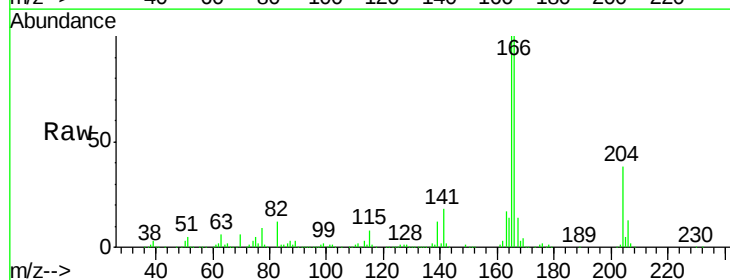
Tgt Ion:204 Resp: 441943

Ion Ratio Lower Upper

204 100

206 33.6 27.1 40.7

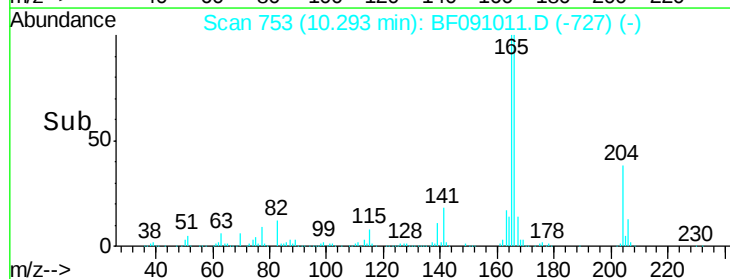
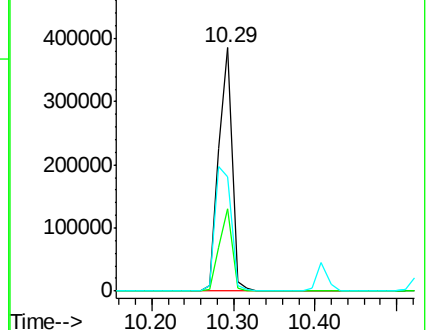
141 47.1 40.1 60.1

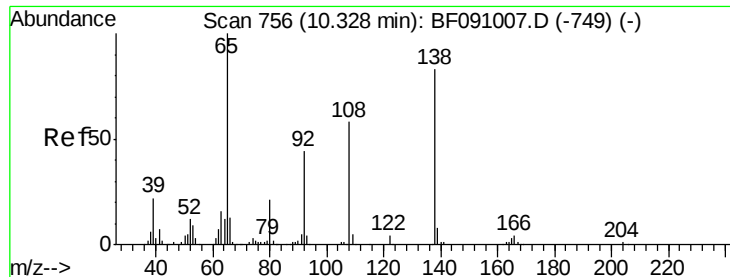


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.24 ng

RT: 10.33 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

Tgt Ion: 138 Resp: 281757
Ion Ratio Lower Upper

138 100

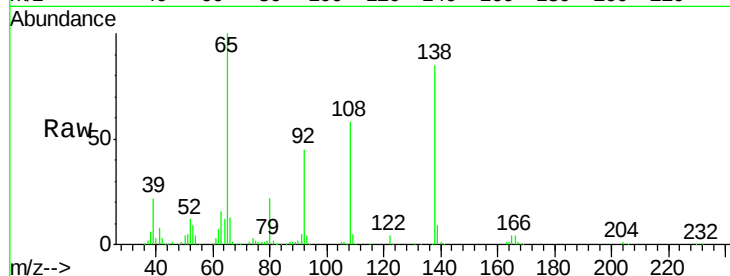
92 53.0 32.5 72.5

108 68.8 49.4 89.4

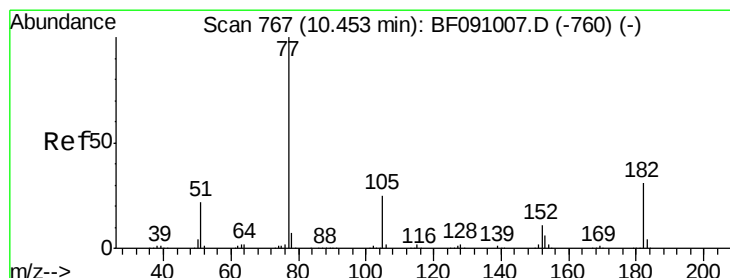
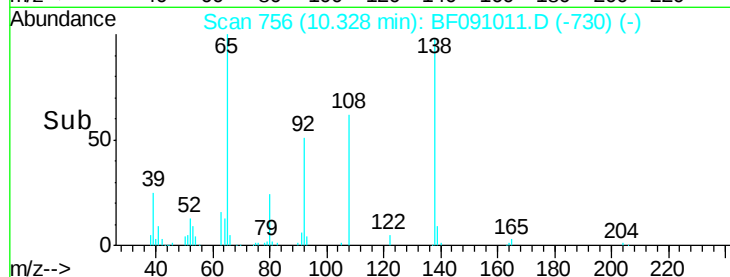
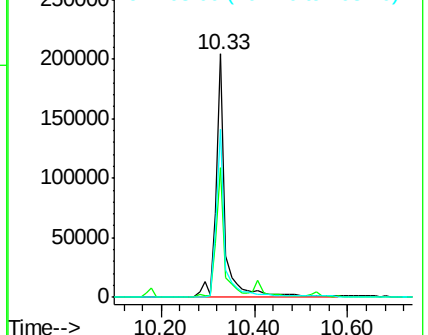
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.50 ng

RT: 10.44 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

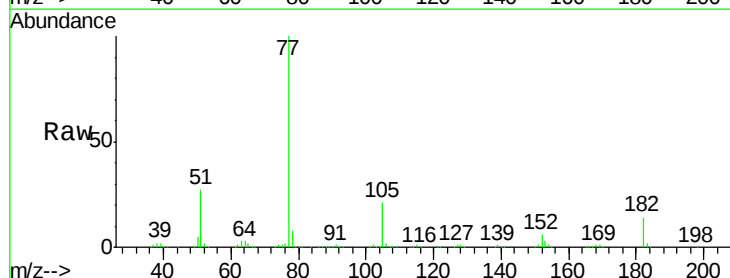
Tgt Ion: 77 Resp: 1174326
Ion Ratio Lower Upper

77 100

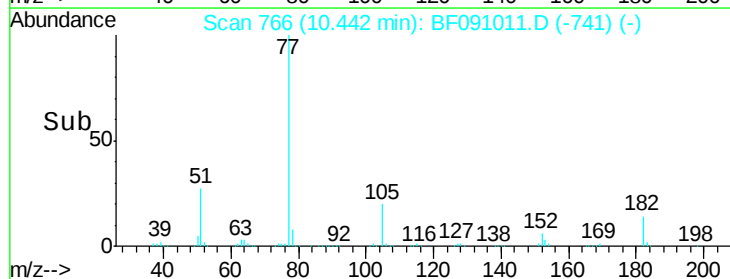
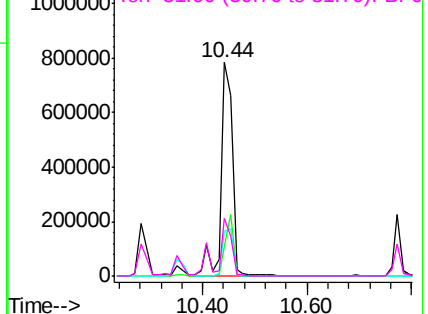
182 13.5 11.0 51.0

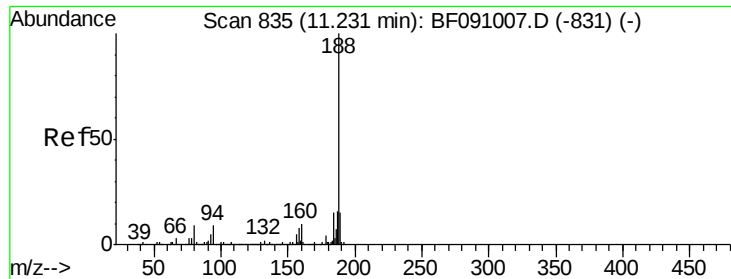
105 20.8 5.6 45.6

51 26.8 2.7 42.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

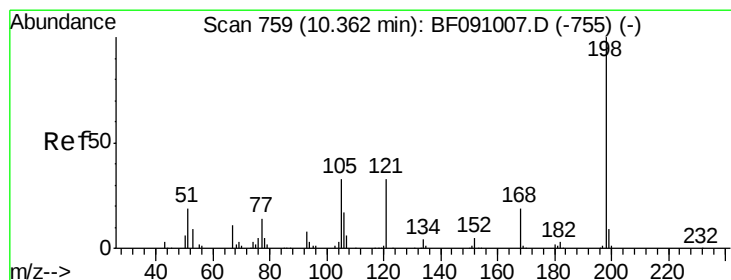
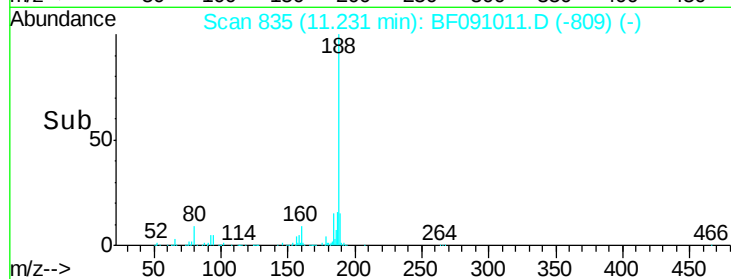
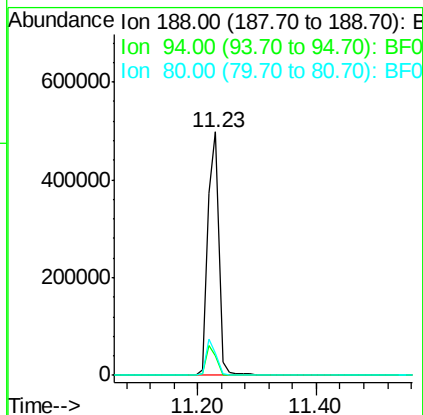
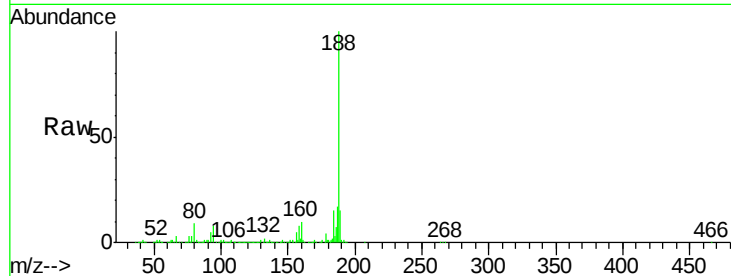
ClientSampleId :

ICVBF110316

Tgt	Ion:188	Resp:	638459
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	9.1	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.12 ng

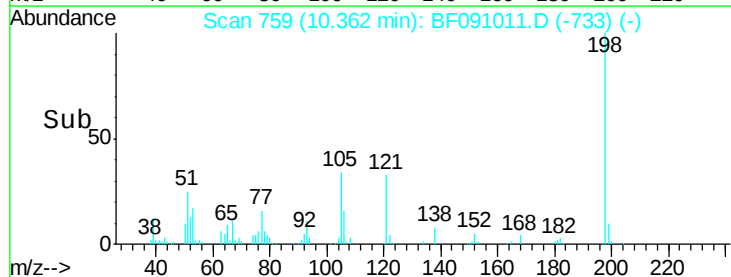
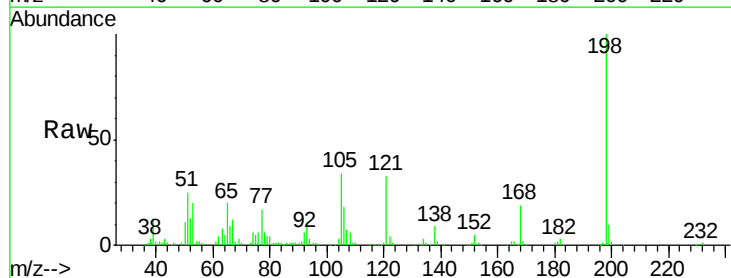
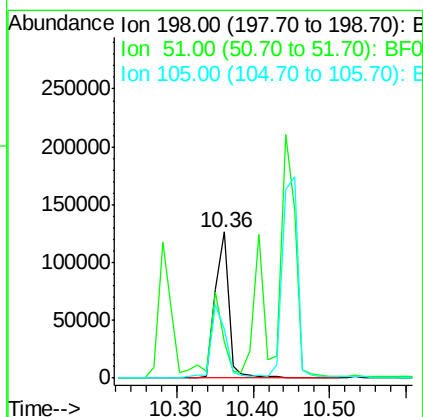
RT: 10.36 min Scan# 759

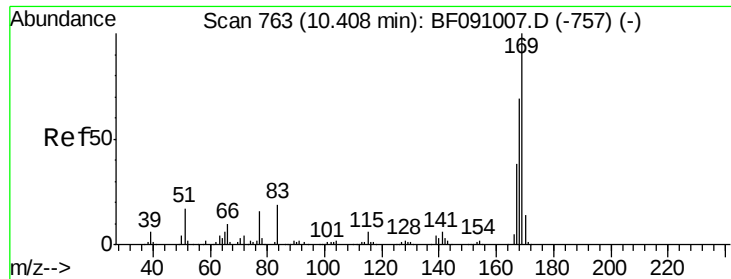
Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt	Ion:198	Resp:	156857
Ion	Ratio	Lower	Upper
198	100		
51	25.0	5.9	45.9
105	33.7	13.8	53.8





#65

n-Nitrosodiphenylamine

Concen: 37.53 ng

RT: 10.41 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

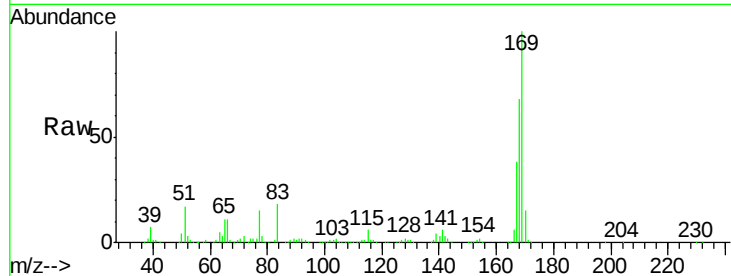
ClientSampleId :

ICVBF110316

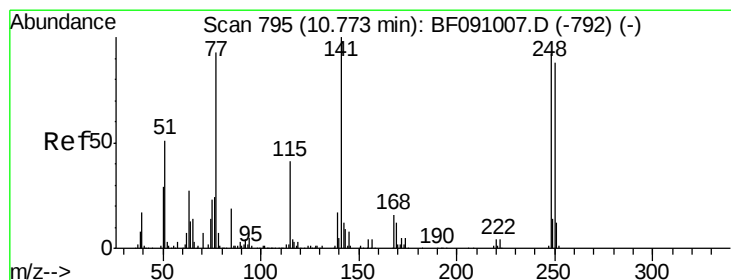
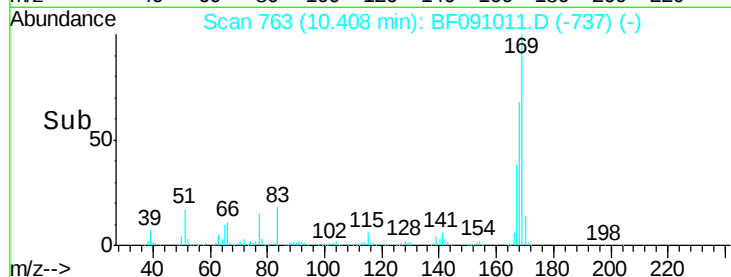
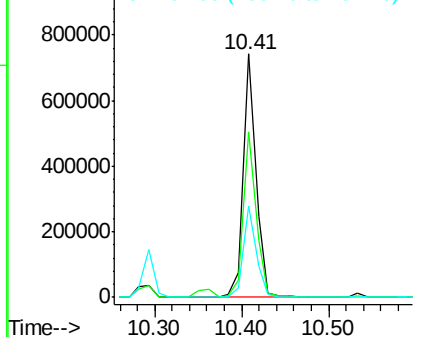
Tgt Ion:	169	Resp:	761678
Ion Ratio	Lower	Upper	
169	100		
168	68.1	55.3	82.9
167	37.6	30.3	45.5

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.18 ng

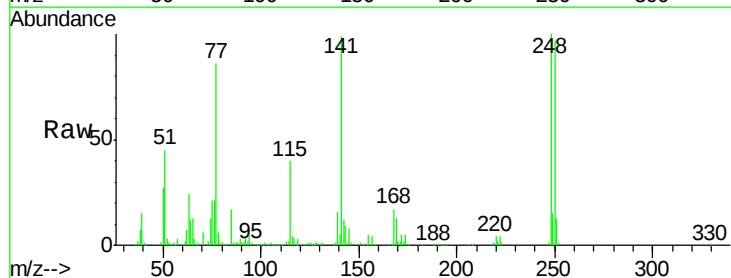
RT: 10.77 min Scan# 795

Delta R.T. 0.00 min

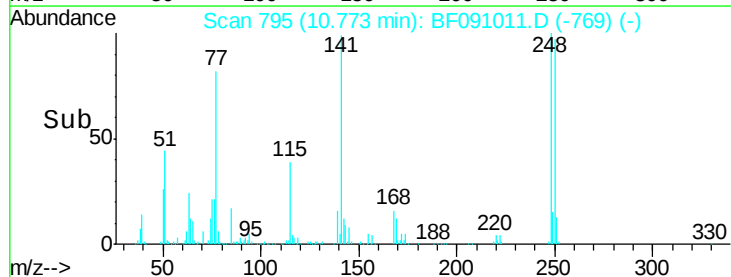
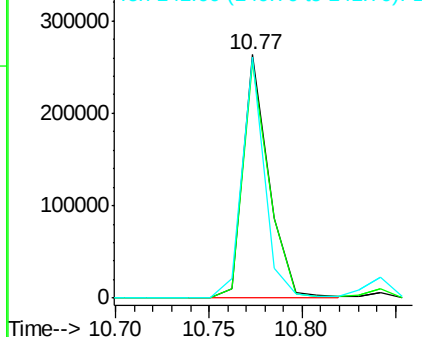
Lab File: BF091011.D

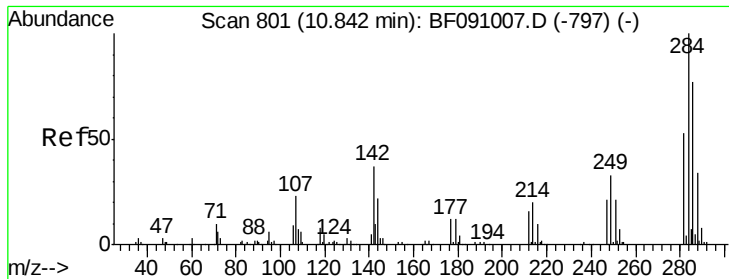
Acq: 3 Nov 2016 21:35

Tgt Ion:	248	Resp:	253562
Ion Ratio	Lower	Upper	
248	100		
250	97.1	76.3	114.5
141	99.0	86.8	130.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.36 ng

RT: 10.84 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

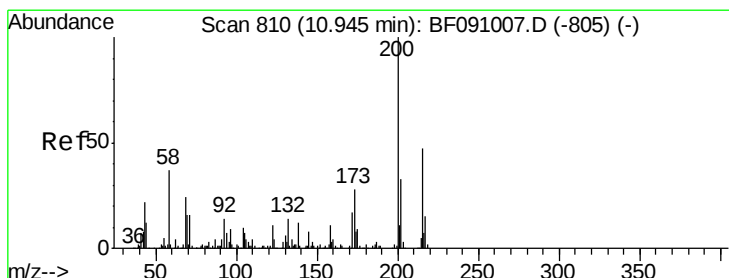
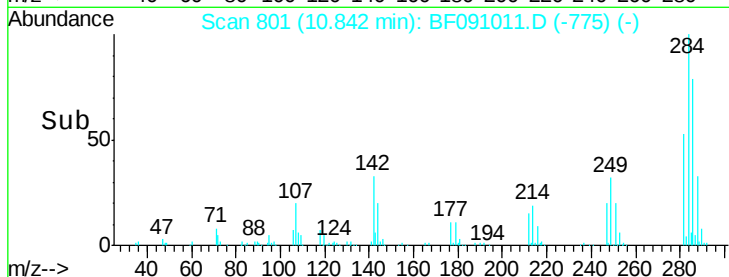
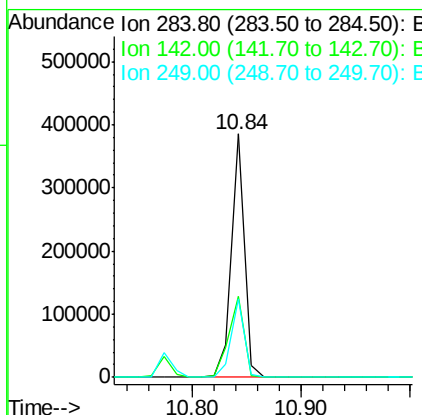
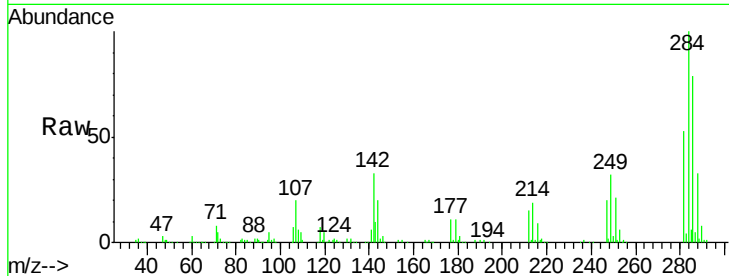
ClientSampleId :

ICVBF110316

Tgt Ion:	284	Resp:	317569
Ion Ratio	Lower	Upper	
284	100		
142	33.4	29.9	44.9
249	32.1	26.6	39.8

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#68

Atrazine

Concen: 44.27 ng

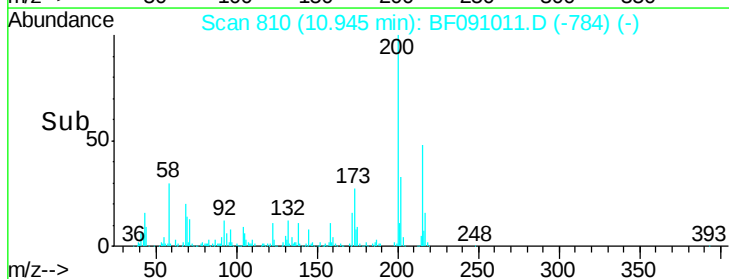
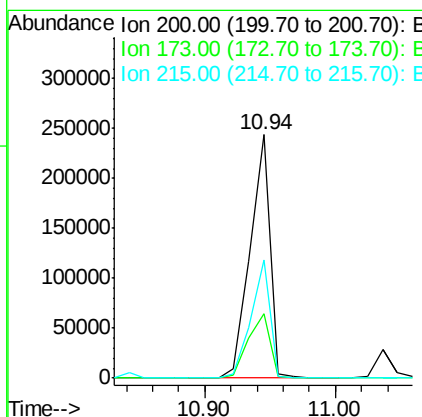
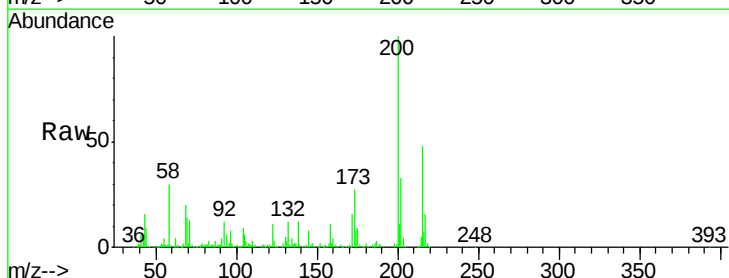
RT: 10.94 min Scan# 810

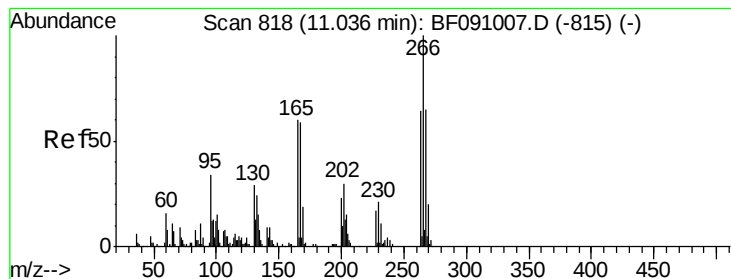
Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:	200	Resp:	259176
Ion Ratio	Lower	Upper	
200	100		
173	26.5	8.1	48.1
215	48.3	27.3	67.3





#69

Pentachlorophenol

Concen: 41.70 ng

RT: 11.04 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

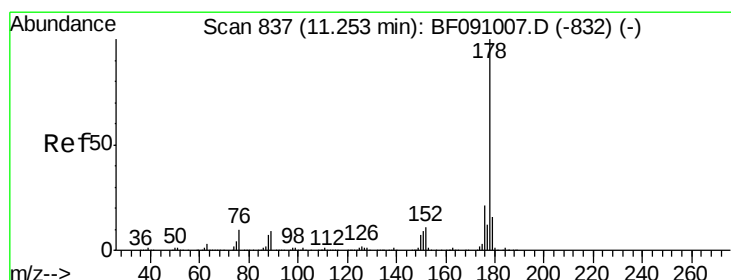
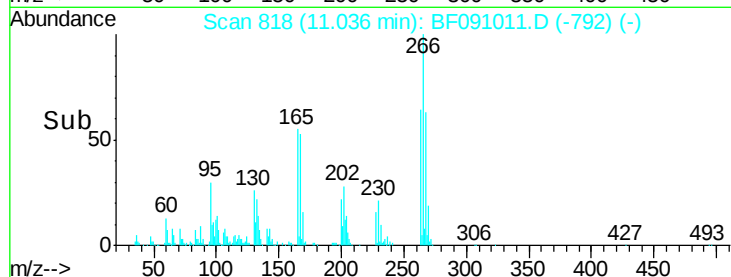
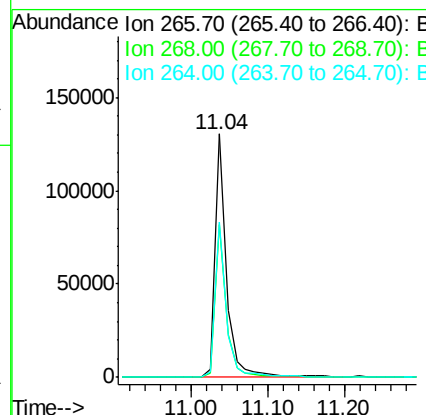
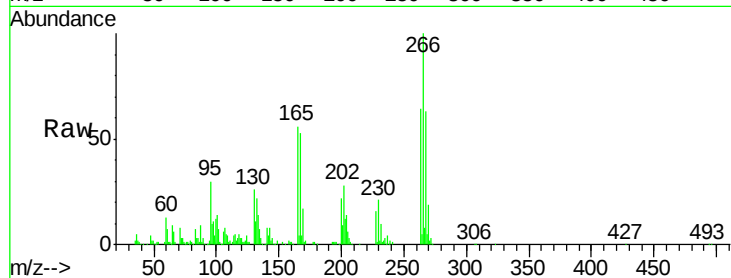
ClientSampleId :

ICVBF110316

Tgt Ion:	266	Resp:	135288
Ion Ratio	Lower	Upper	
266	100		
268	62.9	52.1	78.1
264	63.9	51.1	76.7

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#70

Phenanthrene

Concen: 42.09 ng

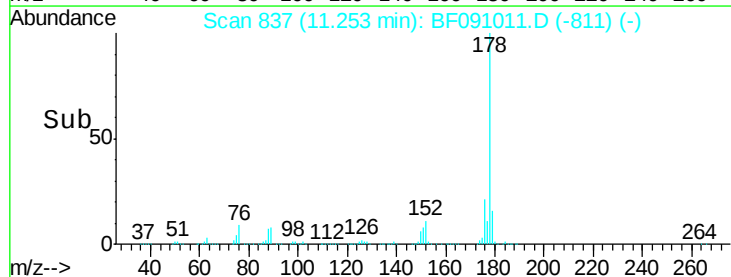
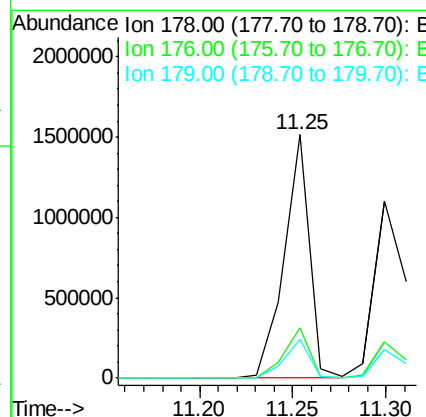
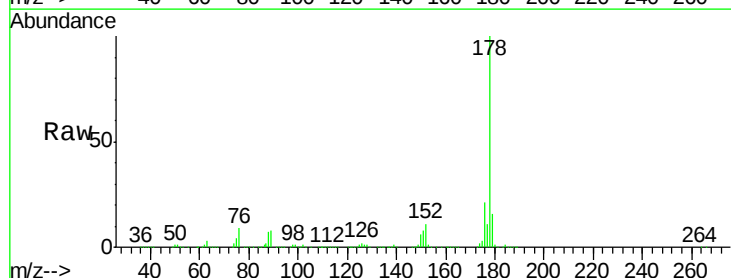
RT: 11.25 min Scan# 837

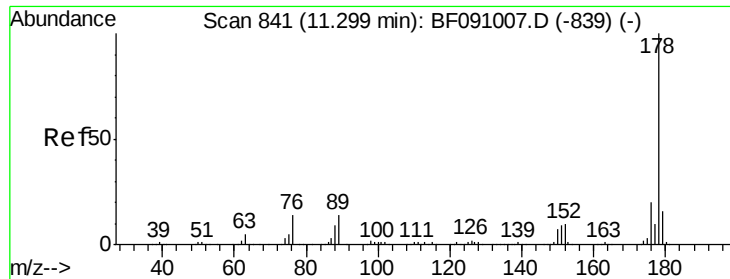
Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:	178	Resp:	1428634
Ion Ratio	Lower	Upper	
178	100		
176	20.7	16.6	25.0
179	16.0	12.9	19.3





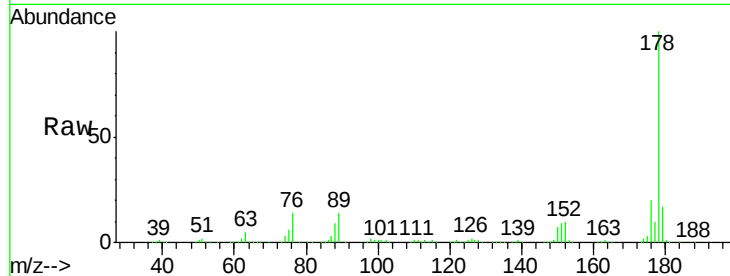
#71
 Anthracene
 Concen: 35.67 ng
 RT: 11.30 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

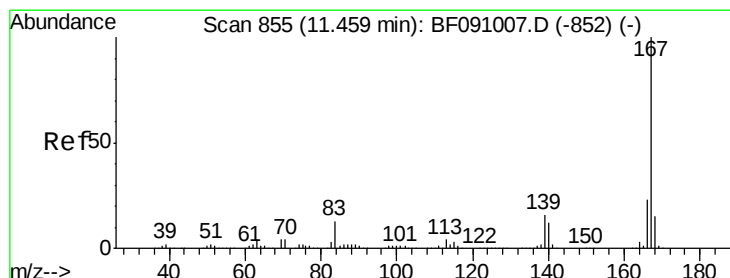
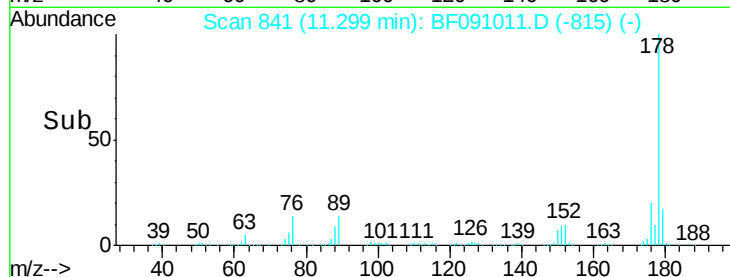
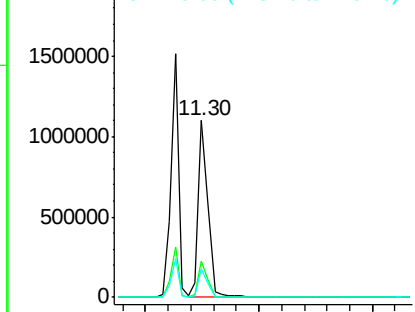
Tgt Ion:178 Resp: 1286957
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.5 13.0 19.6

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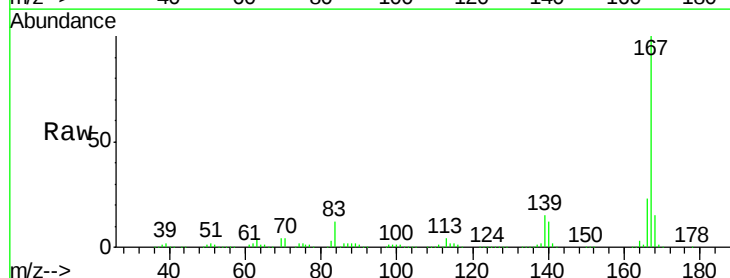


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

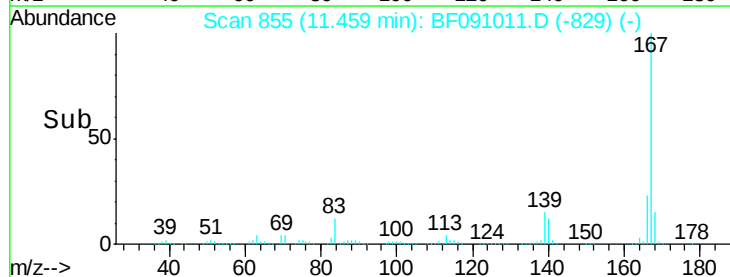
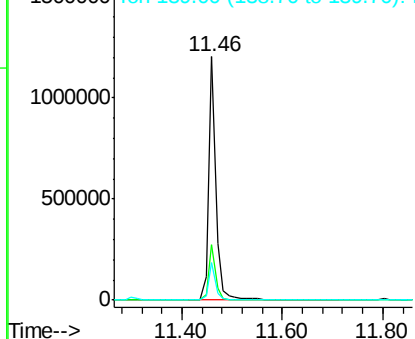


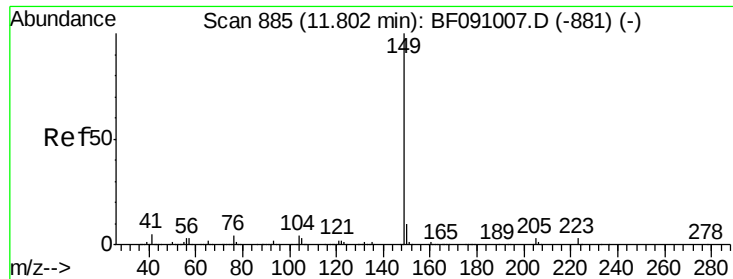
#72
 Carbazole
 Concen: 36.84 ng
 RT: 11.46 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:167 Resp: 1198027
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 15.3 12.6 18.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.72 ng

RT: 11.80 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

Tgt Ion:149 Resp: 1624414

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

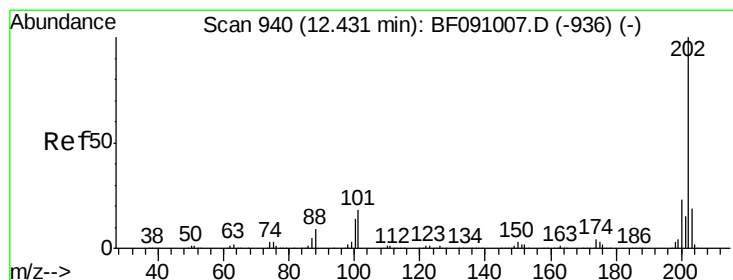
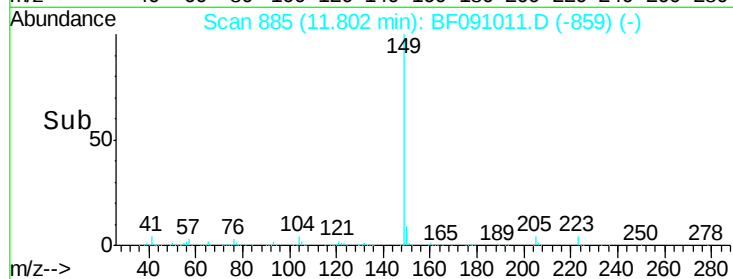
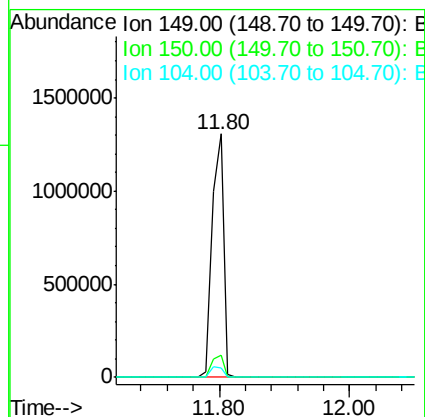
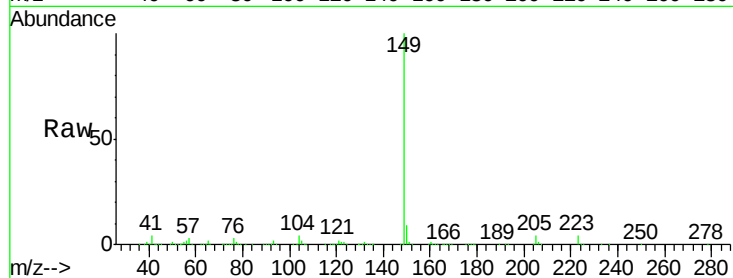
104 4.1 3.6 5.4

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#74

Fluoranthene

Concen: 37.72 ng

RT: 12.43 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

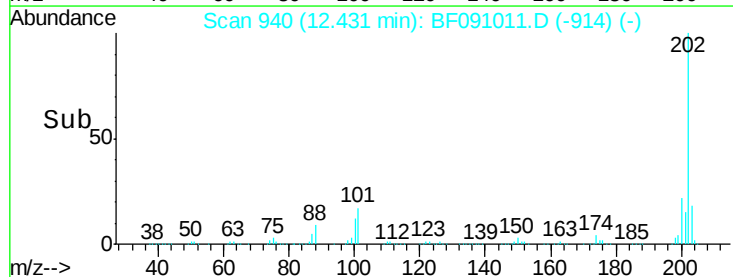
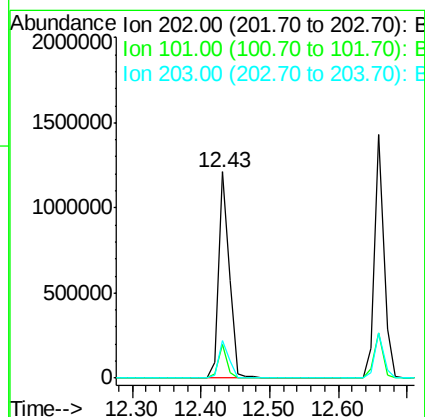
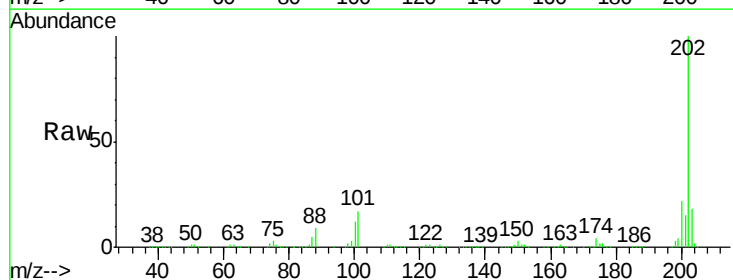
Tgt Ion:202 Resp: 1327656

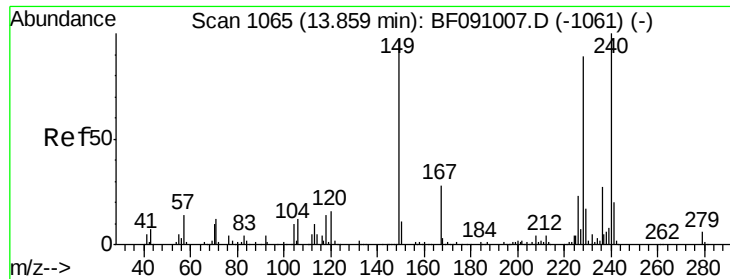
Ion Ratio Lower Upper

202 100

101 16.5 0.0 37.6

203 18.3 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

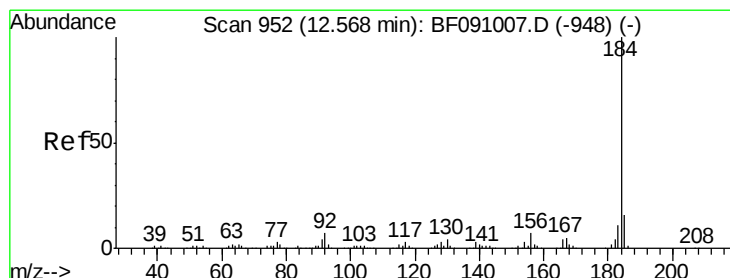
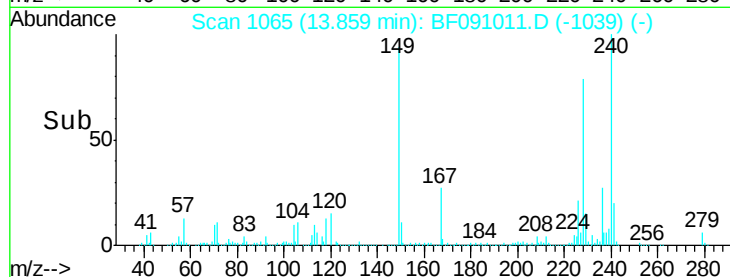
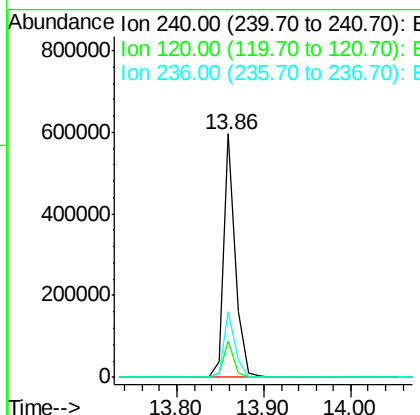
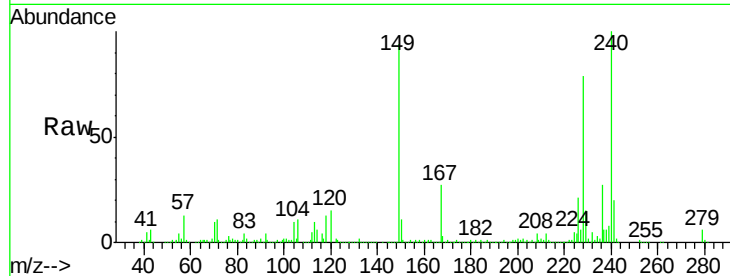
ClientSampleId :

ICVBF110316

Tgt Ion:	240	Resp:	563056
Ion Ratio	Lower	Upper	
240	100		
120	14.9	12.9	19.3
236	26.9	21.9	32.9

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#76

Benzidine

Concen: 36.92 ng

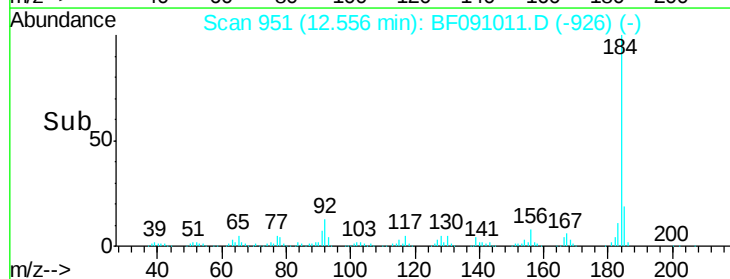
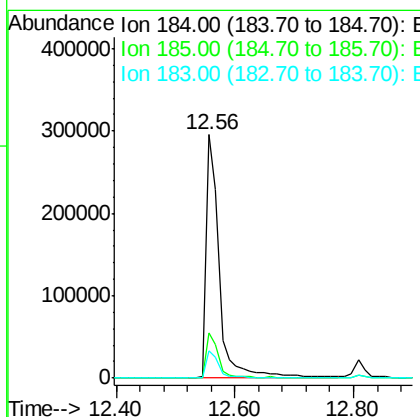
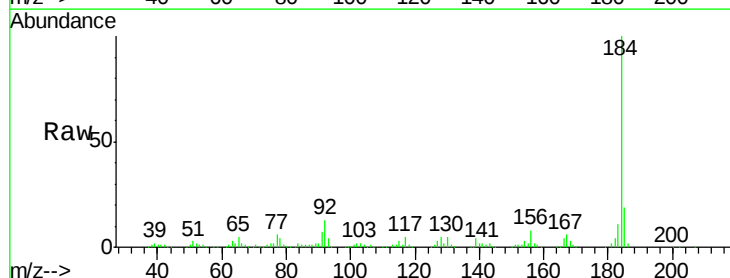
RT: 12.56 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:	184	Resp:	464370
Ion Ratio	Lower	Upper	
184	100		
185	18.7	13.0	19.4
183	11.2	8.7	13.1





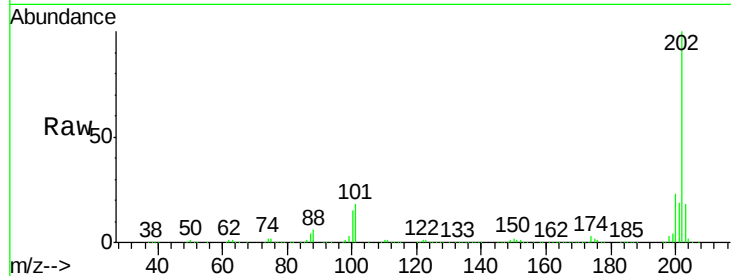
#77
 Pyrene
 Concen: 35.77 ng
 RT: 12.66 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

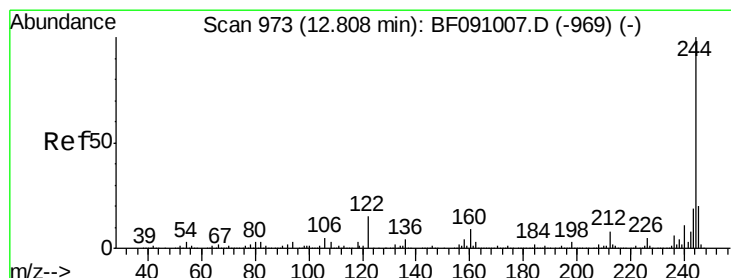
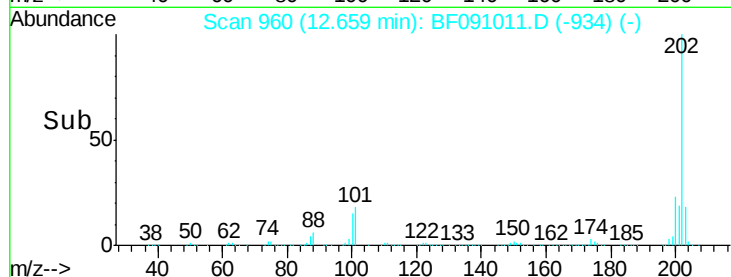
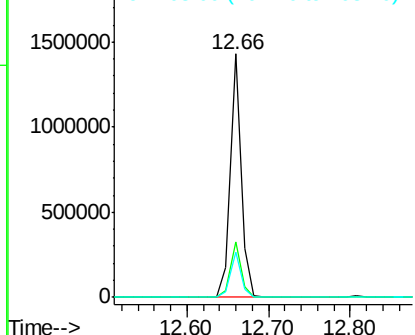
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.4	27.6
203	18.5	15.0	22.6

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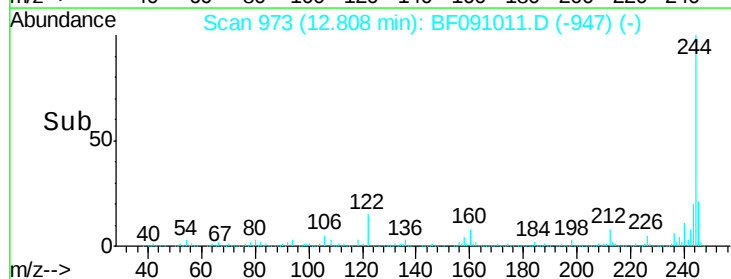
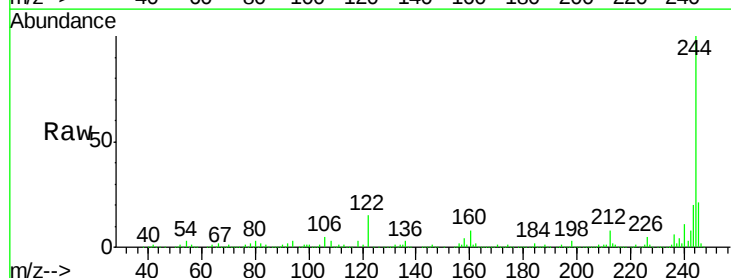
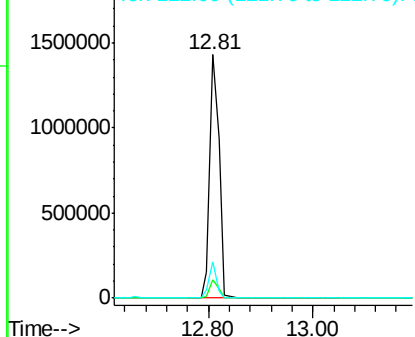
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



#78
 Terphenyl-d14
 Concen: 78.49 ng
 RT: 12.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	14.7	12.3	18.5

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





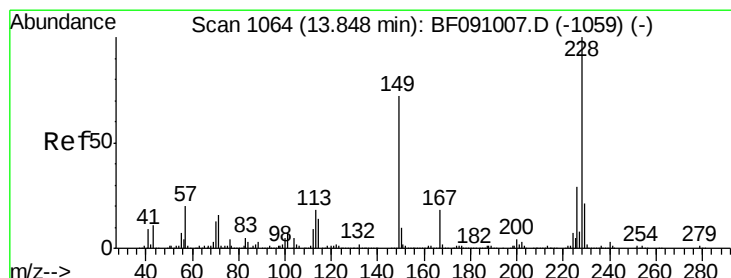
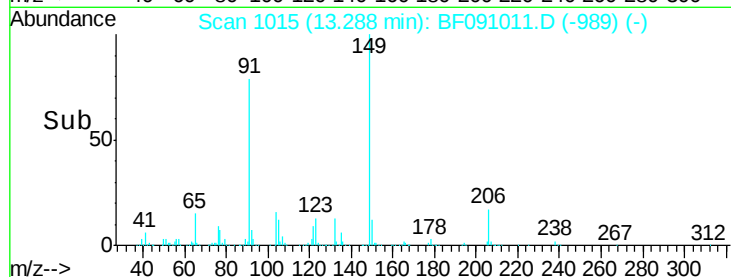
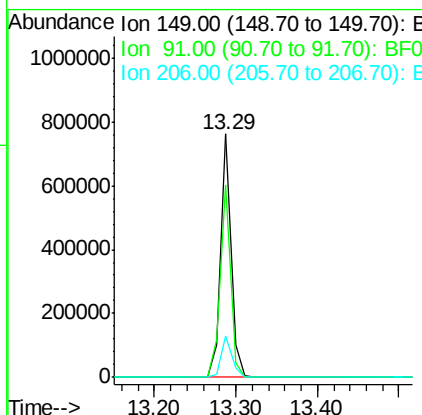
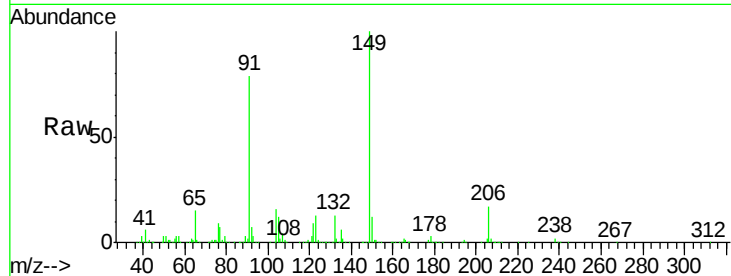
#79
Butylbenzylphthalate
Concen: 38.10 ng
RT: 13.29 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.0	65.0	97.4
206	16.9	12.5	18.7

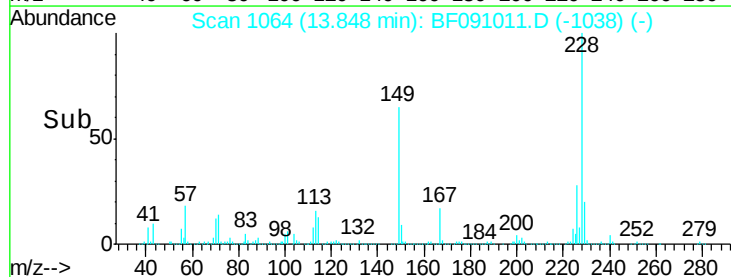
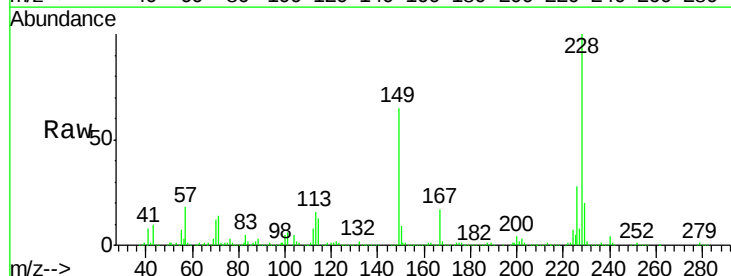
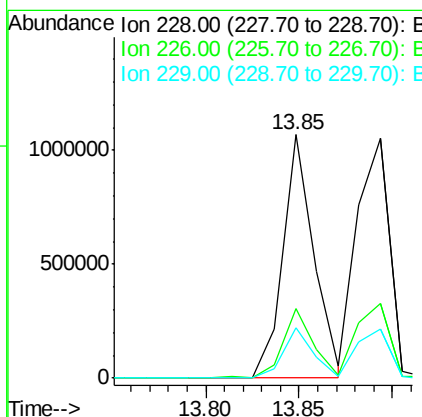
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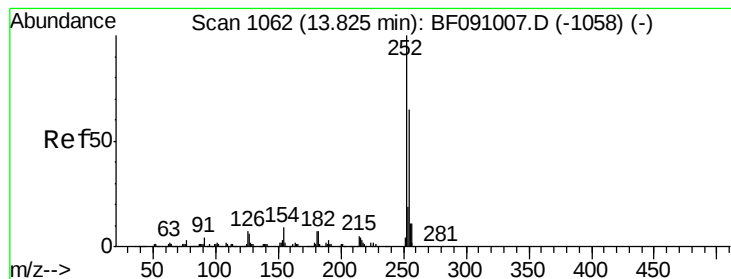
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#80
Benzo(a)anthracene
Concen: 38.80 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.6
229	20.4	16.6	24.8





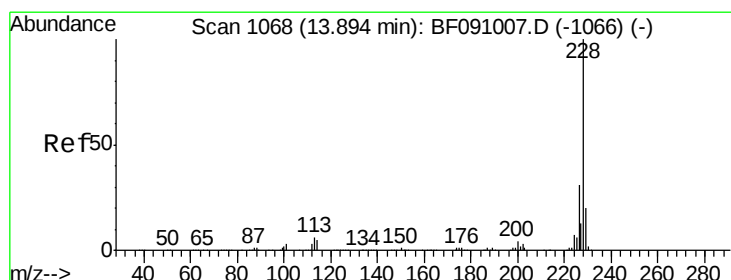
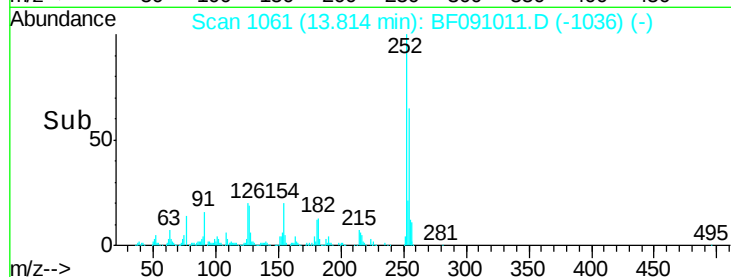
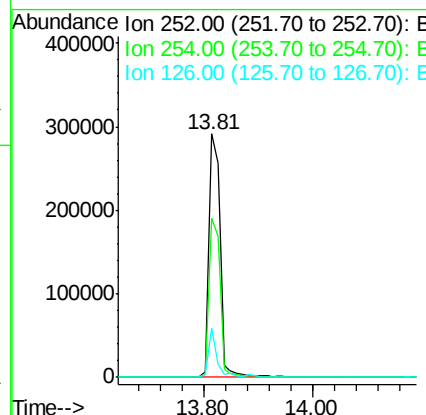
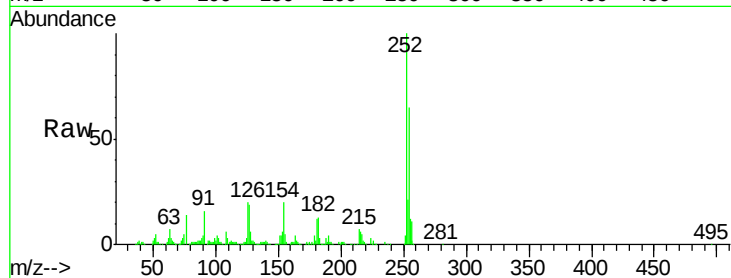
#81
 3,3'-Dichlorobenzidine
 Concen: 36.74 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.0	78.0
126	19.9	5.4	8.2#

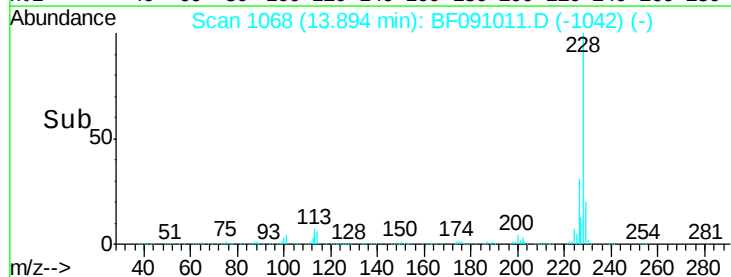
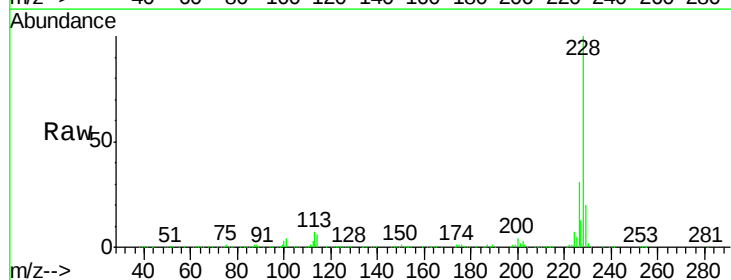
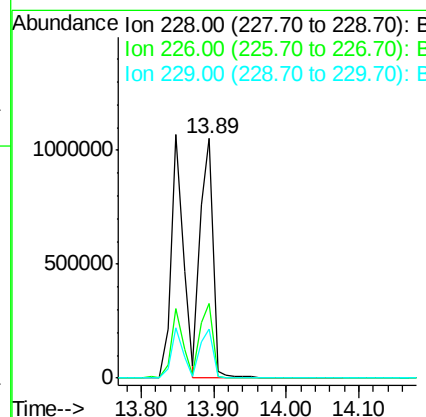
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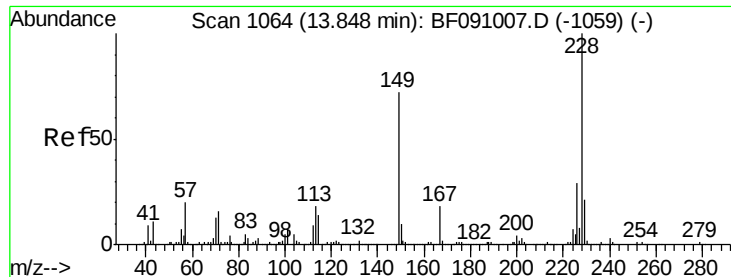
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#82
 Chrysene
 Concen: 41.02 ng
 RT: 13.89 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.3	15.9	23.9





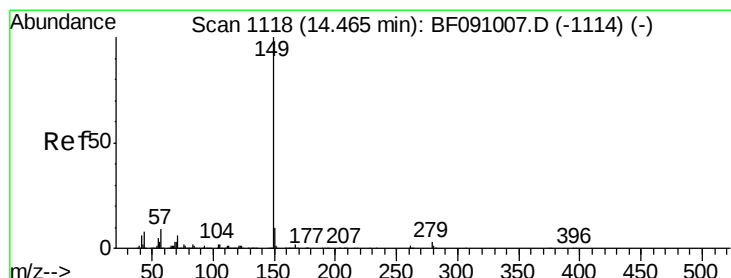
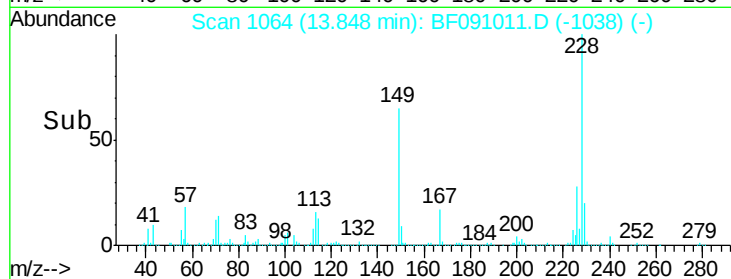
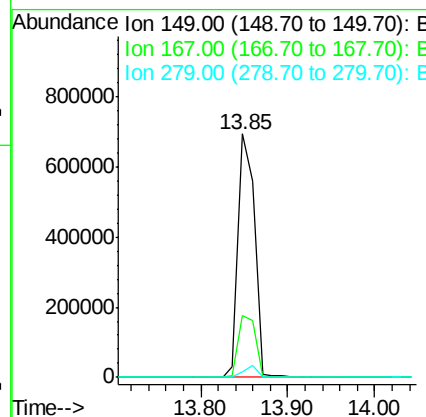
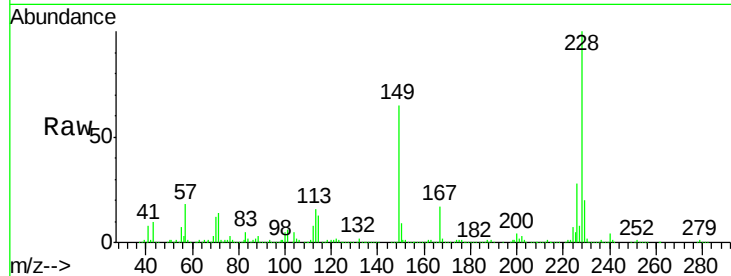
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.49 ng
 RT: 13.85 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	894796		
167	25.5	20.4	30.6	
279	2.2	1.6	2.4	

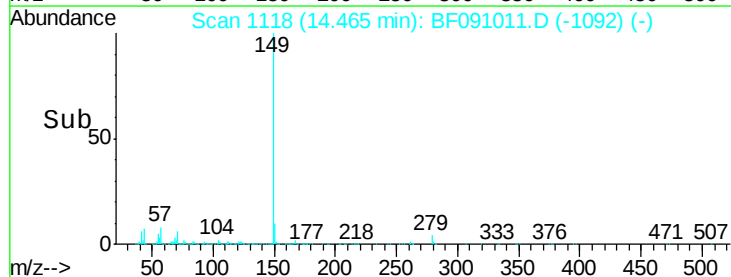
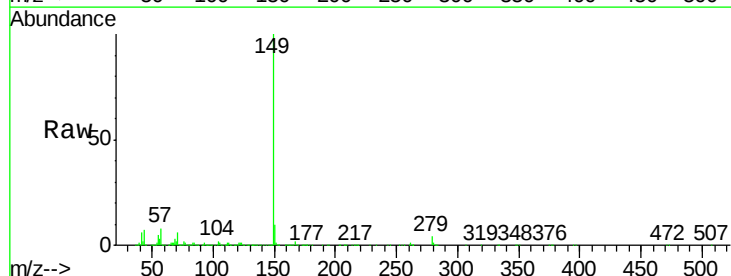
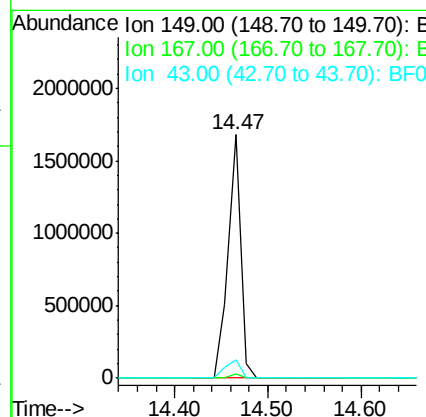
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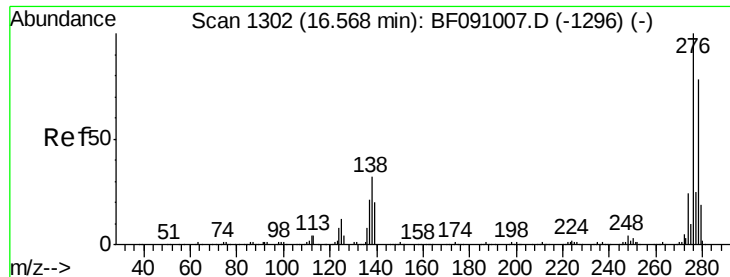
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#84
 Di-n-octyl phthalate
 Concen: 40.38 ng
 RT: 14.47 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1584724		
167	1.6	1.2	1.8	
43	9.2	8.2	12.4	





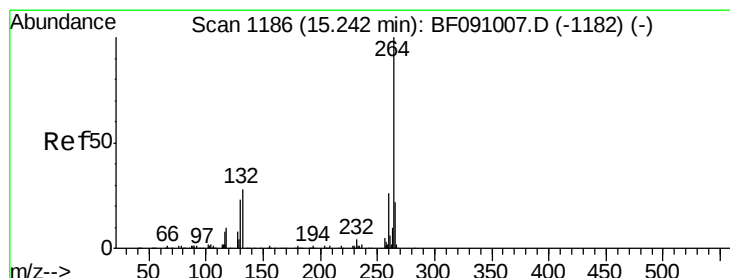
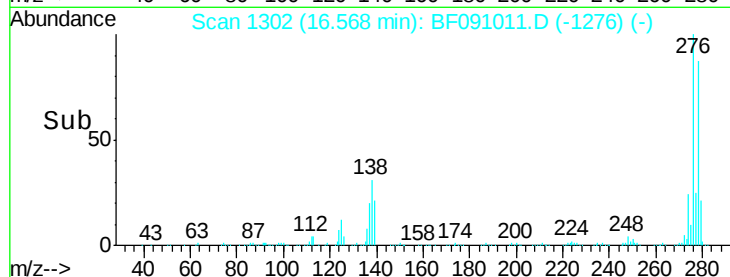
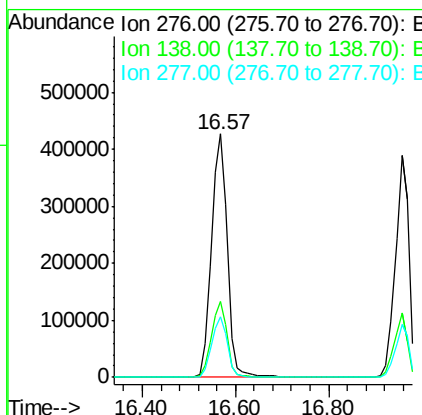
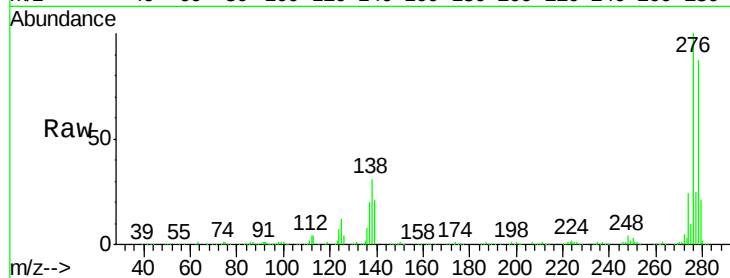
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.87 ng
RT: 16.57 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	26.0	39.0
277	24.9	20.1	30.1

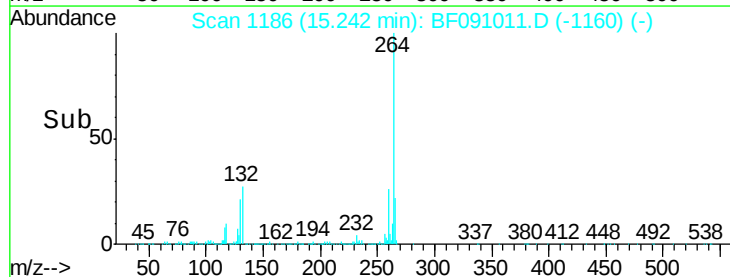
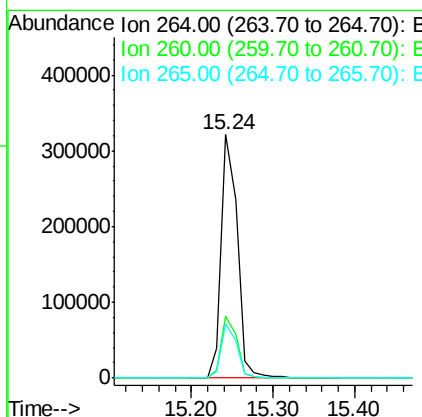
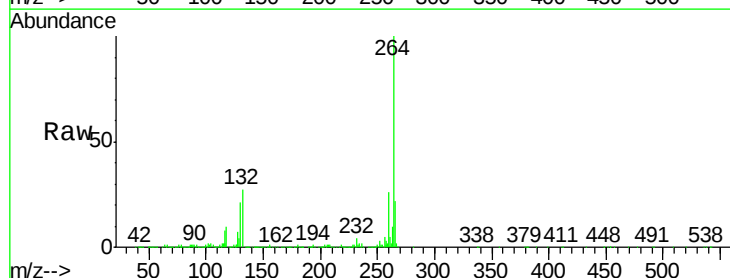
Manual Integrations
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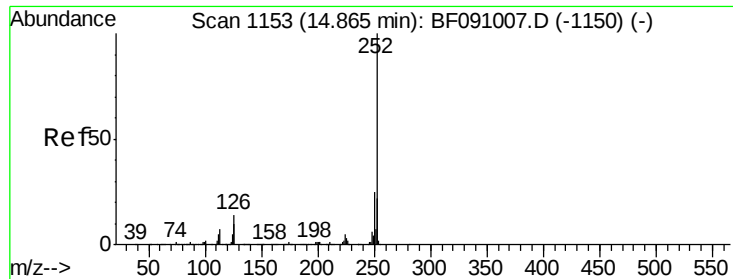
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	22.0	17.8	26.8





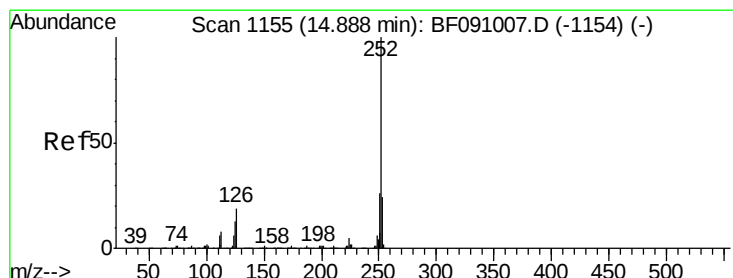
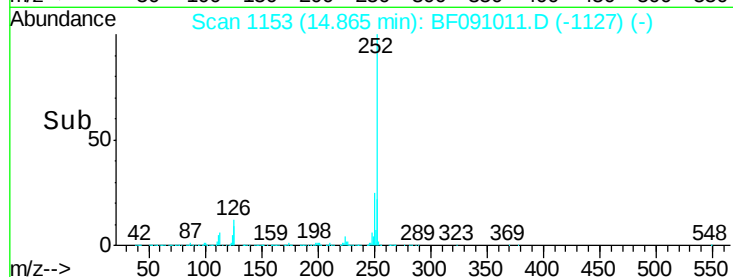
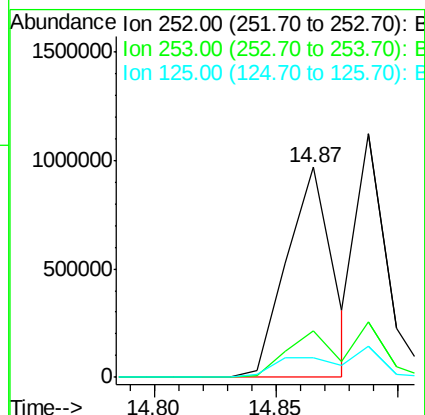
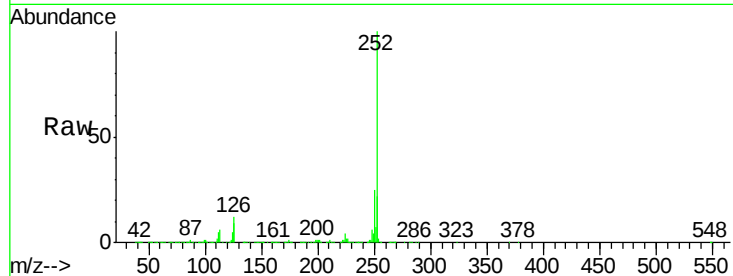
#87
Benzo(b)fluoranthene
Concen: 42.40 ng m
RT: 14.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.2	8.3	12.5

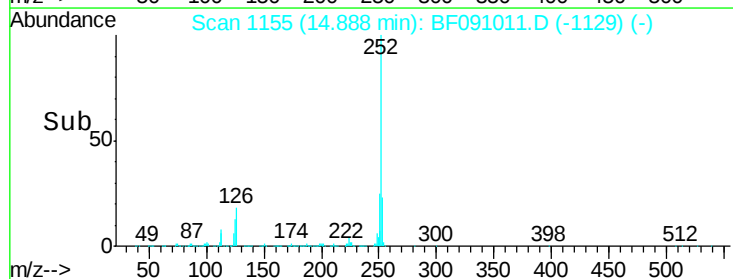
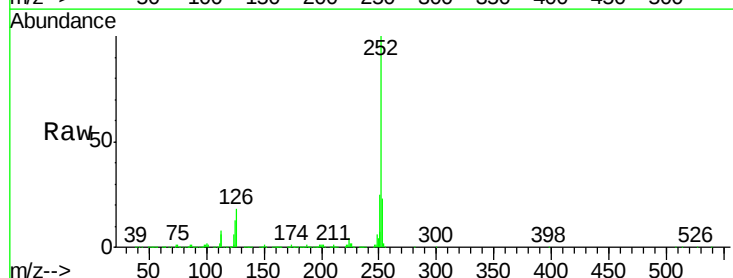
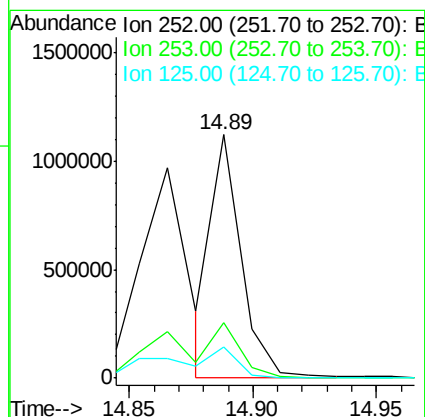
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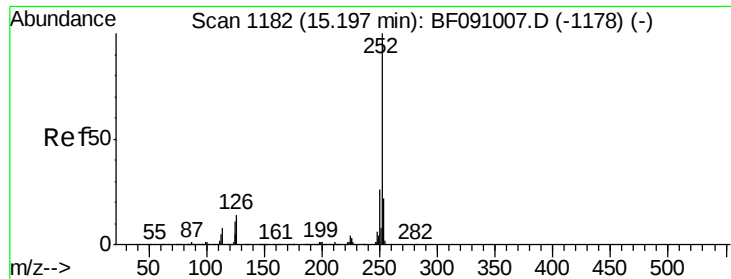
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#88
Benzo(k)fluoranthene
Concen: 36.56 ng m
RT: 14.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	12.5	11.2	16.8





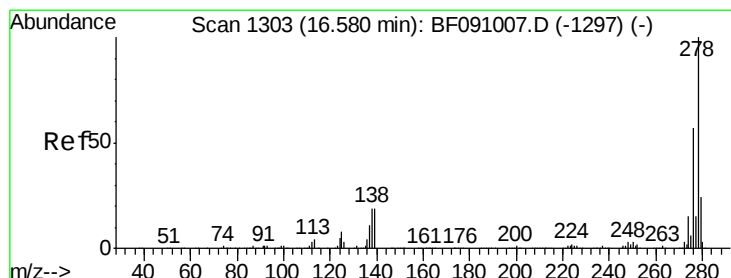
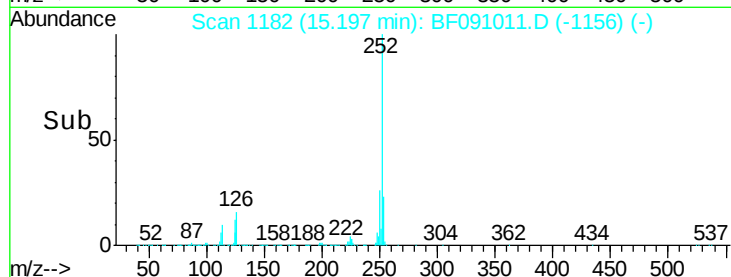
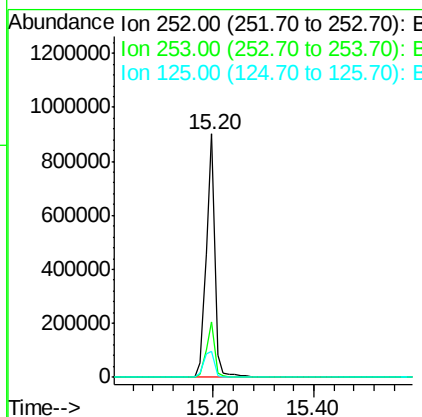
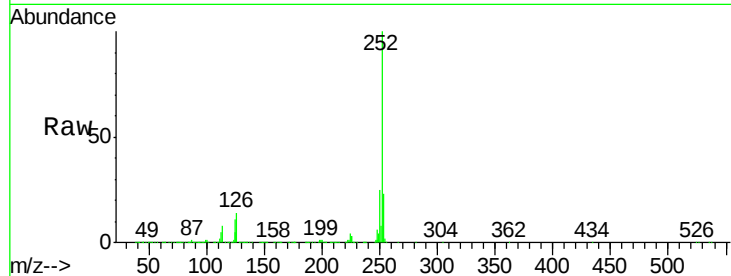
#89
Benzo(a)pyrene
Concen: 40.95 ng
RT: 15.20 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.6	8.6	13.0

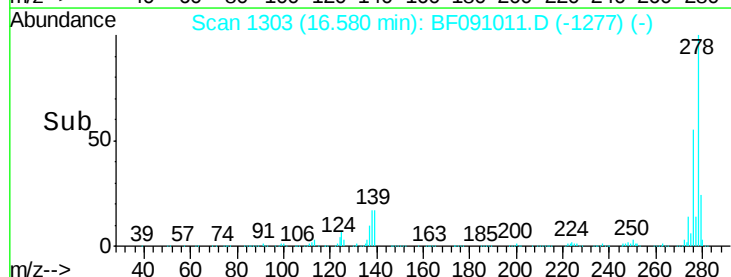
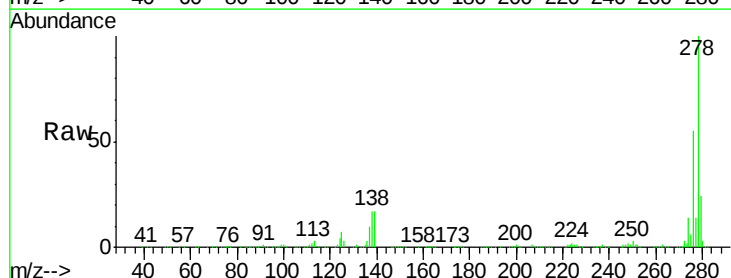
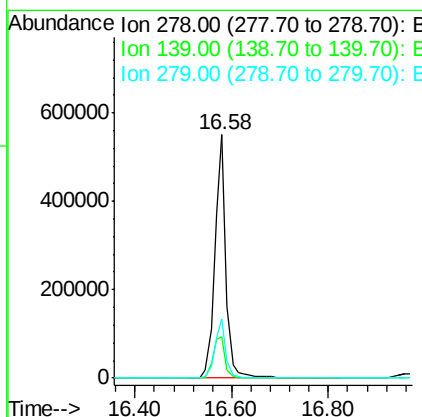
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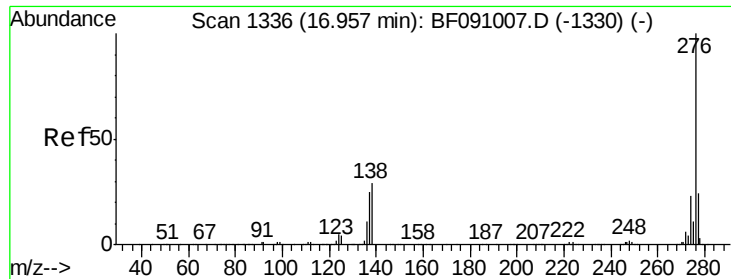
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#90
Dibenzo(a,h)anthracene
Concen: 39.94 ng
RT: 16.58 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.3	22.9
279	24.5	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 39.44 ng
 RT: 16.96 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion:	276	Resp:	800554
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.2	28.8
138	29.1	23.3	34.9

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