

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091836.D
 Acq On : 21 Dec 2016 15:28
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122116

Manual Integrations
 APPROVED

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 12/22/2016 7:08:41 PM

Quant Time: Dec 21 16:25:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	277947	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1142308	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	572246	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	912107	20.00	ng	0.00
75) Chrysene-d12	13.91	240	700763	20.00	ng	0.00
86) Perylene-d12	15.30	264	583304	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1192618	71.64	ng	0.00
7) Phenol-d6	6.40	99	1642768	80.83	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1484784	72.28	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	355582	75.08	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2219134	78.46	ng	0.00
78) Terphenyl-d14	12.85	244	1901212	65.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	325790	39.75	ng	99
3) Pyridine	2.98	79	1120567	39.18	ng	96
4) n-Nitrosodimethylamine	2.94	42	438098	40.60	ng	99
6) Aniline	6.42	93	1006190	38.12	ng	84
8) 2-Chlorophenol	6.53	128	716642	37.85	ng	95
9) Benzaldehyde	6.29	77	465748	40.25	ng	98
10) Phenol	6.42	94	973597	42.04	ng	92
11) bis(2-Chloroethyl)ether	6.49	93	733523	39.81	ng	99
12) 1,3-Dichlorobenzene	6.69	146	807350	39.94	ng	97
13) 1,4-Dichlorobenzene	6.76	146	793047	38.55	ng	99
14) 1,2-Dichlorobenzene	6.92	146	721461	40.41	ng	99
15) Benzyl Alcohol	6.90	79	586419	37.14	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1047270	38.16	ng	95
17) 2-Methylphenol	7.02	107	604211	39.68	ng	96
18) Hexachloroethane	7.26	117	303019	39.73	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	518124	38.32	ng	98
20) 3+4-Methylphenols	7.18	107	734833	40.46	ng	# 71
22) Acetophenone	7.17	105	1098698	38.99	ng	# 98
24) Nitrobenzene	7.34	77	896770	40.99	ng	# 85
25) Isophorone	7.58	82	1437806	37.94	ng	98
26) 2-Nitrophenol	7.65	139	383145	35.51	ng	96
27) 2,4-Dimethylphenol	7.71	122	664989	37.16	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	834210	36.30	ng	99
29) 2,4-Dichlorophenol	7.90	162	605877	39.98	ng	93
30) 1,2,4-Trichlorobenzene	7.98	180	649329	39.10	ng	98
31) Naphthalene	8.06	128	2150305	41.13	ng	99
32) Benzoic acid	7.85	122	545677	41.11	ng	98
33) 4-Chloroaniline	8.11	127	827880	35.12	ng	97
34) Hexachlorobutadiene	8.18	225	349359	39.86	ng	100
35) Caprolactam	8.50	113	184511	37.05	ng	# 63
36) 4-Chloro-3-methylphenol	8.60	107	626835	35.95	ng	96
37) 2-Methylnaphthalene	8.75	142	1307056	39.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	596720	41.27	ng	100
40) Hexachlorocyclopentadiene	8.91	237	232518	38.29	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	434252	42.95	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	387941	37.28	nq	# 83
45) 1,1'-Biphenyl	9.22	154	1692384	43.19	nq	100
46) 2-Chloronaphthalene	9.24	162	1283915	41.38	nq	99
47) 2-Nitroaniline	9.33	65	432482	39.15	nq	96
48) Acenaphthylene	9.65	152	1907316	39.97	nq	100
49) Dimethylphthalate	9.53	163	1499765	40.98	nq	100
50) 2,6-Dinitrotoluene	9.58	165	331954	41.44	nq	# 87
51) Acenaphthene	9.82	154	1200588	37.11	nq	99
52) 3-Nitroaniline	9.76	138	435391	43.92	nq	80
53) 2,4-Dinitrophenol	9.86	184	191208	42.90	nq	# 81
54) Dibenzofuran	10.00	168	1646038	37.67	nq	99
55) 4-Nitrophenol	9.93	139	309773	46.02	nq	# 84
56) 2,4-Dinitrotoluene	9.98	165	395157	39.30	nq	94
57) Fluorene	10.34	166	1330963	41.87	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	325430	39.54	nq	97
59) Diethylphthalate	10.21	149	1357538	38.19	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	506727	36.41	nq	98
61) 4-Nitroaniline	10.36	138	358367	34.88	nq	98
62) Azobenzene	10.49	77	1485178	37.95	nq	99
64) 4,6-Dinitro-2-methylphenol	10.40	198	253951	46.04	nq	79
65) n-Nitrosodiphenylamine	10.45	169	1152068	42.57	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	377990	39.84	nq	94
67) Hexachlorobenzene	10.89	284	410166	40.44	nq	# 93
68) Atrazine	10.98	200	288017	32.99	nq	98
69) Pentachlorophenol	11.08	266	215836	43.37	nq	98
70) Phenanthrene	11.30	178	1923965	38.90	nq	98
71) Anthracene	11.34	178	1815129	39.80	nq	99
72) Carbazole	11.50	167	1781814	42.82	nq	100
73) Di-n-butylphthalate	11.84	149	1910964	40.35	nq	99
74) Fluoranthene	12.48	202	1750327	39.91	nq	99
76) Benzidine	12.60	184	667909	35.60	nq	98
77) Pyrene	12.71	202	1857266	36.12	nq	99
79) Butylbenzylphthalate	13.33	149	914554	39.11	nq	# 84
80) Benzo(a)anthracene	13.89	228	1392894	35.21	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	525987	35.07	nq	# 98
82) Chrysene	13.93	228	1391537	35.07	nq	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	1044428	37.93	nq	# 98
84) Di-n-octyl phthalate	14.50	149	1830661	35.89	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1231663	35.83	nq	100
87) Benzo(b)fluoranthene	14.91	252	1558885m	42.93	nq	
88) Benzo(k)fluoranthene	14.93	252	1035215m	33.43	nq	
89) Benzo(a)pyrene	15.24	252	1236050	38.35	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	1033941	39.03	nq	98
91) Benzo(g,h,i)perylene	17.04	276	1082541	39.30	nq	# 96

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

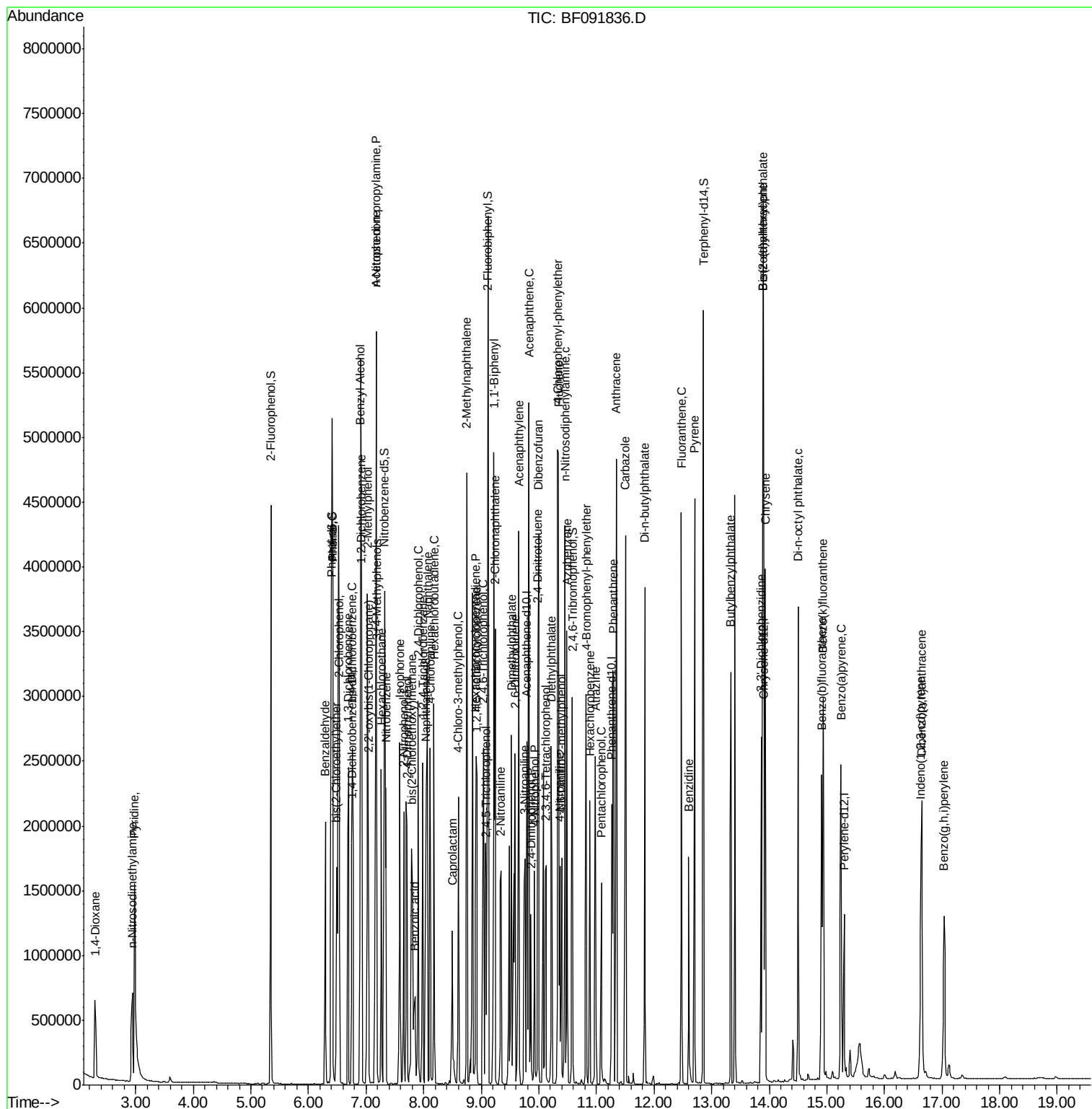
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\  
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Operator  : UM/SJ  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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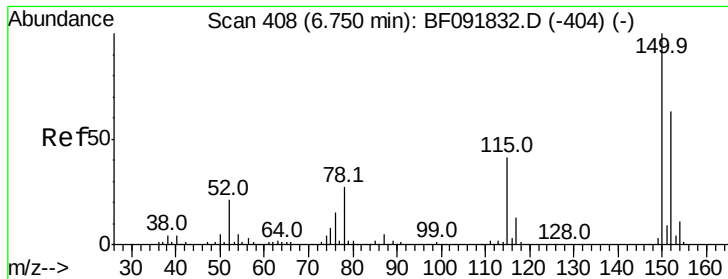
Instrument :
BNA_F
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#1

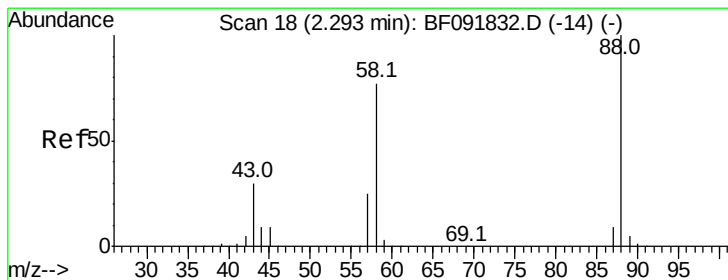
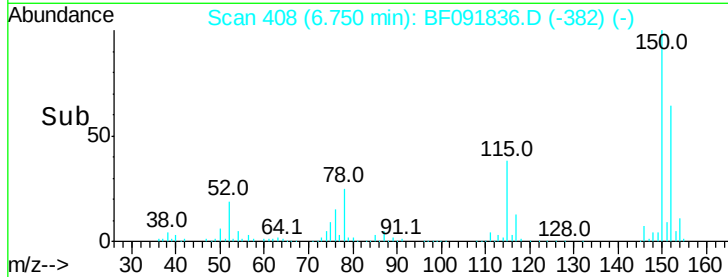
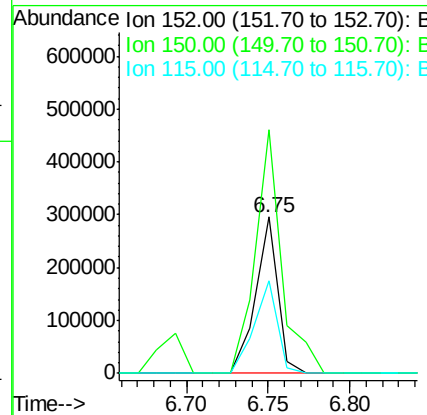
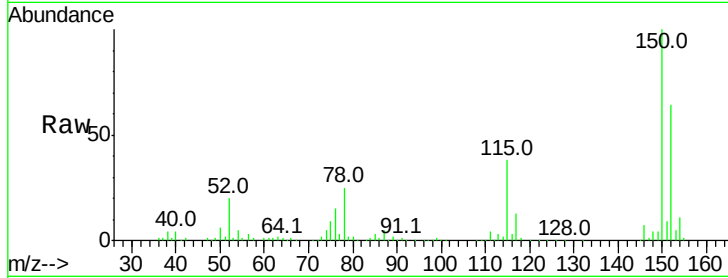
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.9	187.3
115	59.5	46.0	69.0

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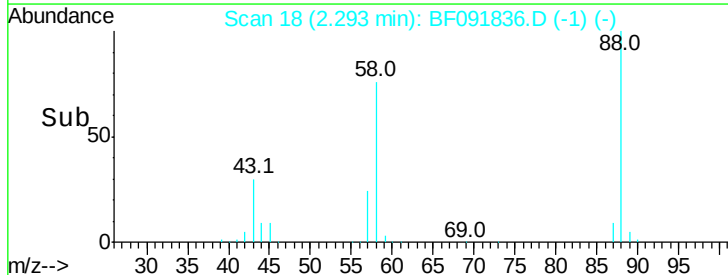
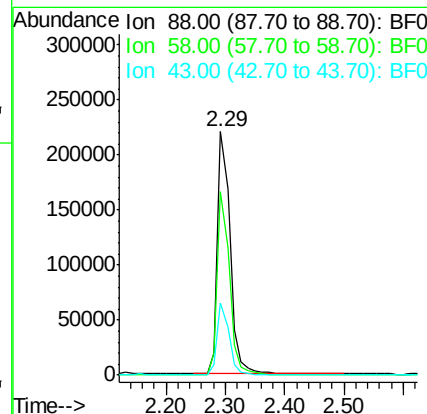
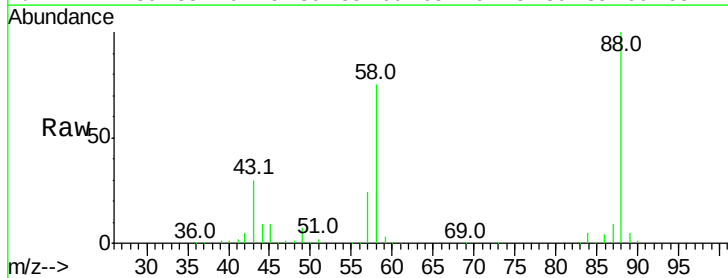
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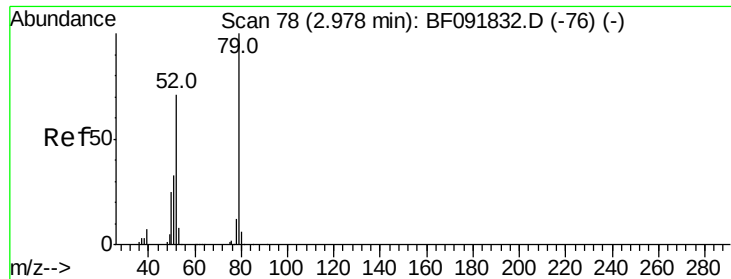


#2

1,4-Dioxane
Concen: 39.75 ng
RT: 2.29 min Scan# 18
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	57.8	86.8
43	28.5	22.3	33.5





#3

Pvridine

Concen: 39.18 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

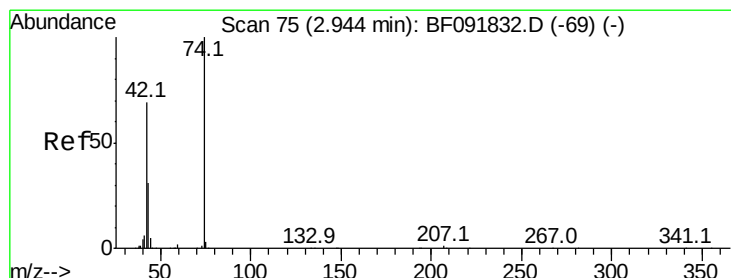
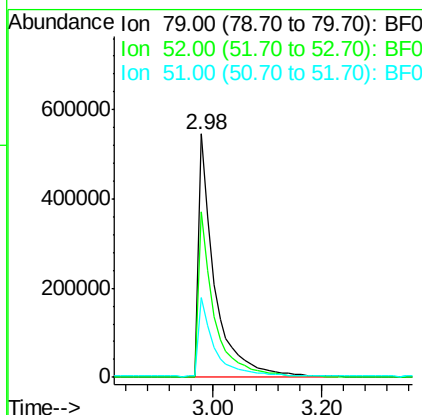
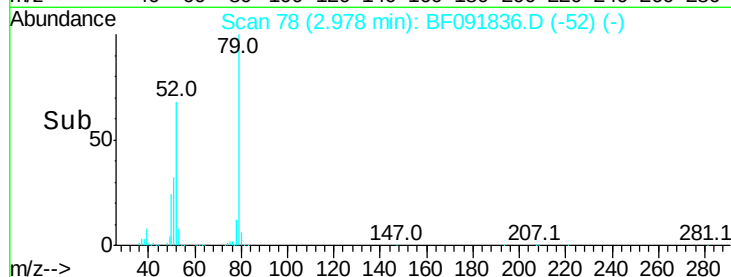
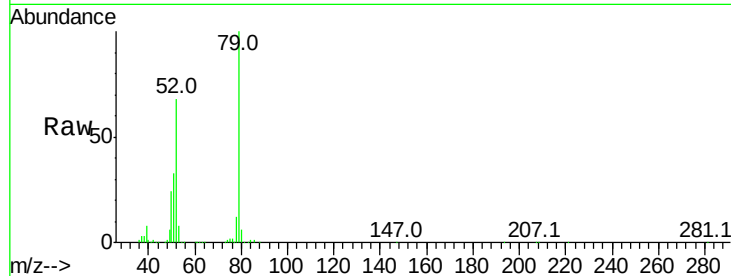
Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion: 79 Resp: 1120567

Ion	Ratio	Lower	Upper
79	100		
52	68.0	57.1	85.7
51	32.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 40.60 ng

RT: 2.94 min Scan# 75

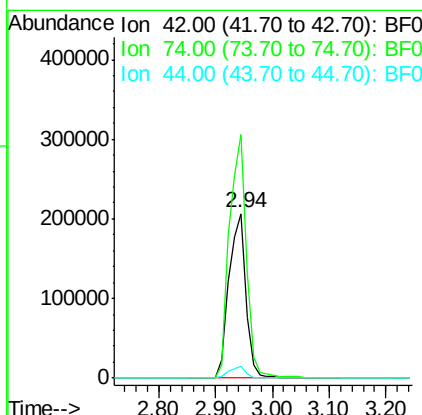
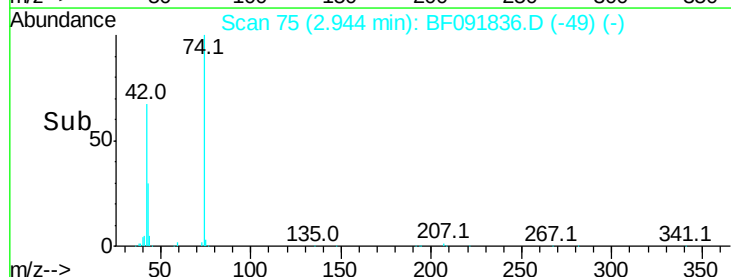
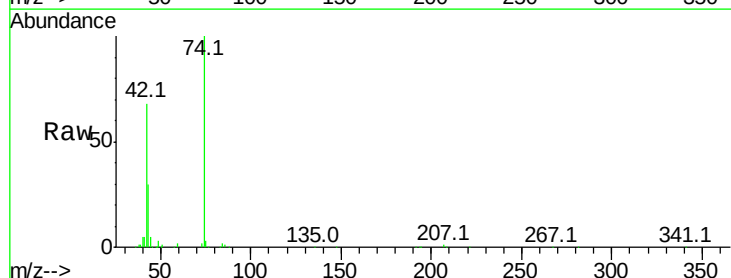
Delta R.T. -0.00 min

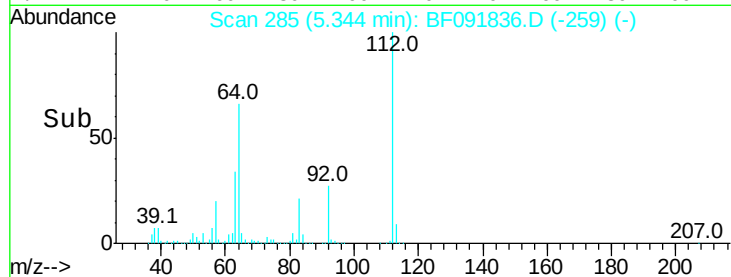
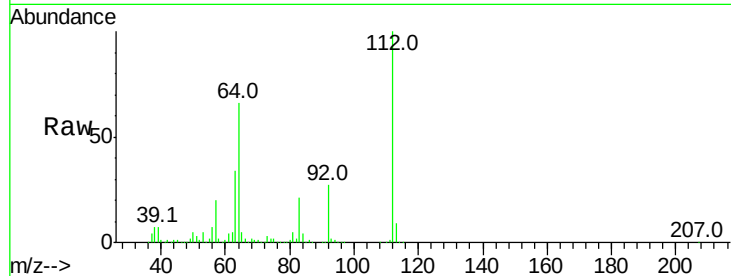
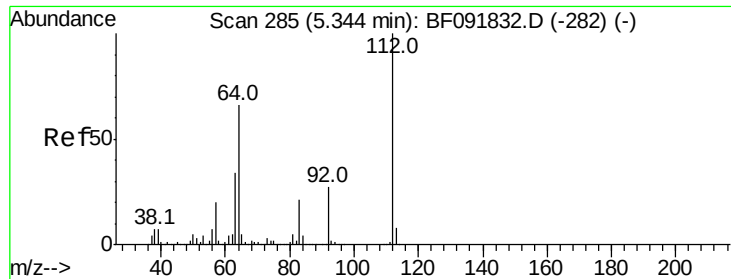
Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Tgt Ion: 42 Resp: 438098

Ion	Ratio	Lower	Upper
42	100		
74	148.0	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 71.64 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Tot Ion:	112	Resp:	1192618
Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.1	69.1
63	34.1	23.8	35.6

Instrument :

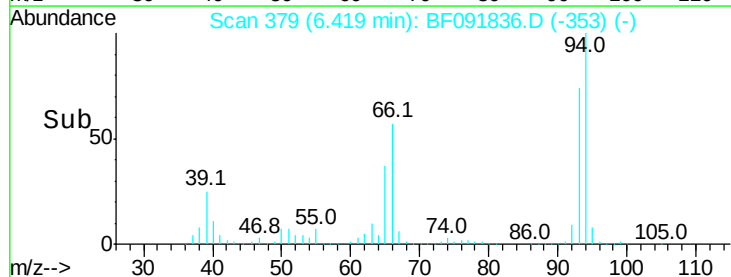
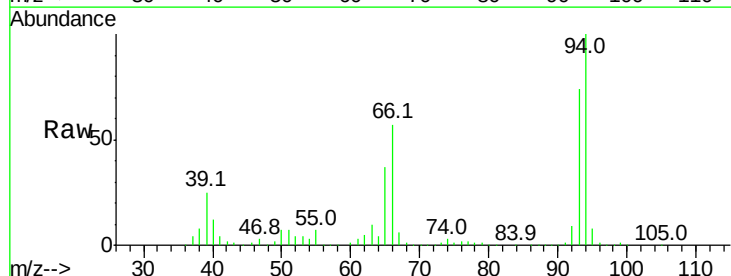
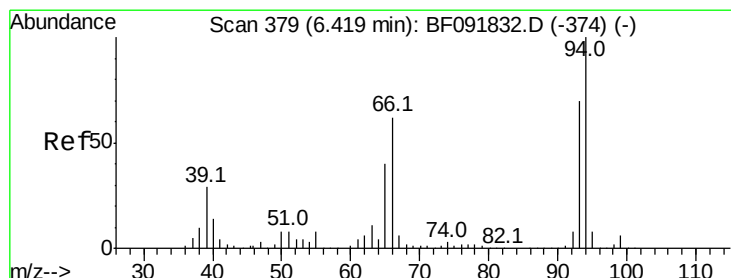
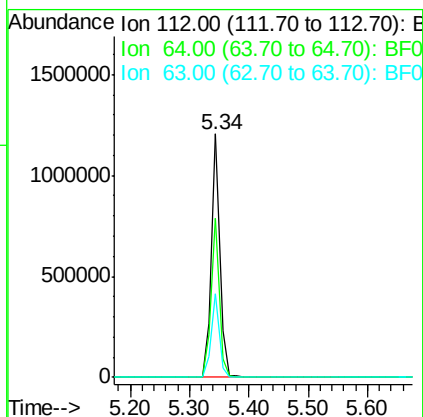
BNA_F

ClientSampleId :

ICVBF122116

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#6

Aniline

Concen: 38.12 ng

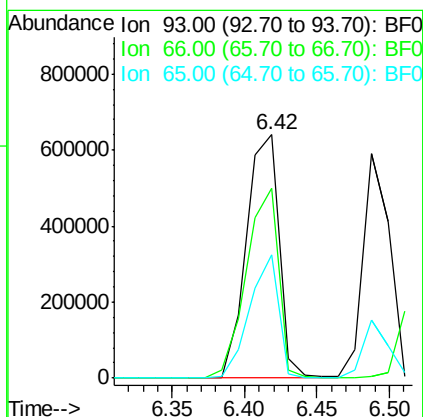
RT: 6.42 min Scan# 379

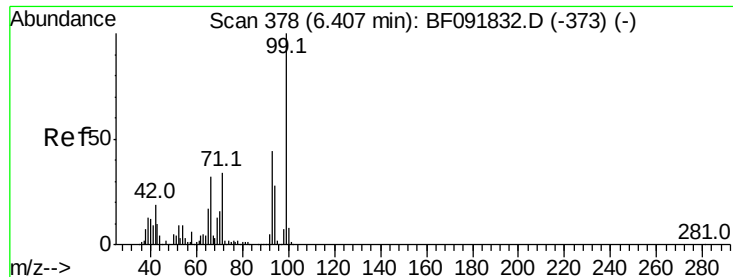
Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Tgt Ion:	93	Resp:	1006190
Ion	Ratio	Lower	Upper
93	100		
66	78.2	76.2	114.2
65	50.5	49.3	73.9





#7

Phenol-d6

Concen: 80.83 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

ICVBF122116

Tot Ion: 99 Resp: 1642768

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

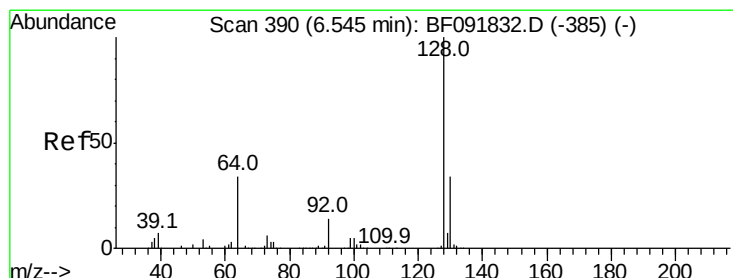
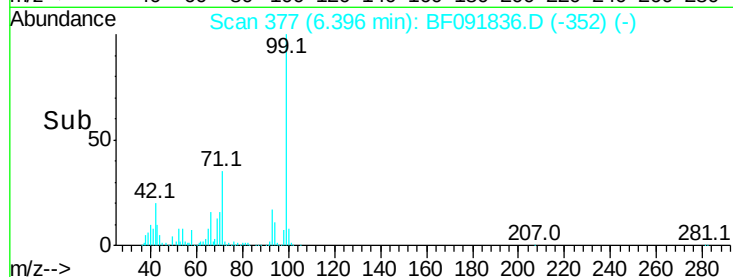
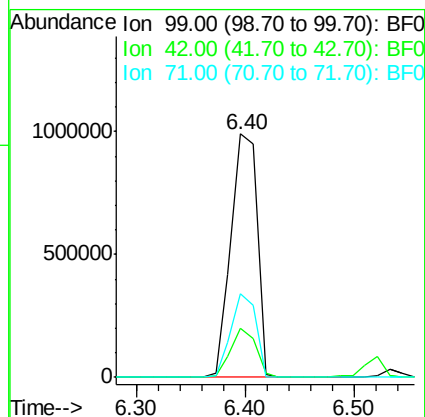
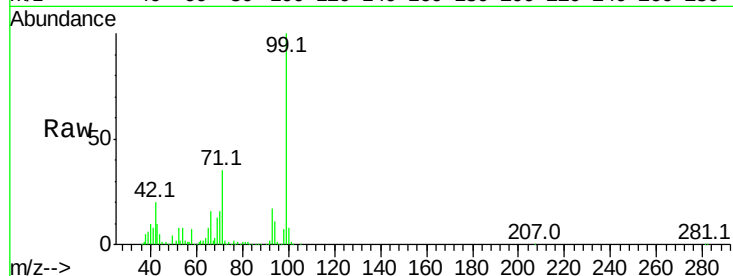
71 34.5 27.5 41.3

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#8

2-Chlorophenol

Concen: 37.85 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

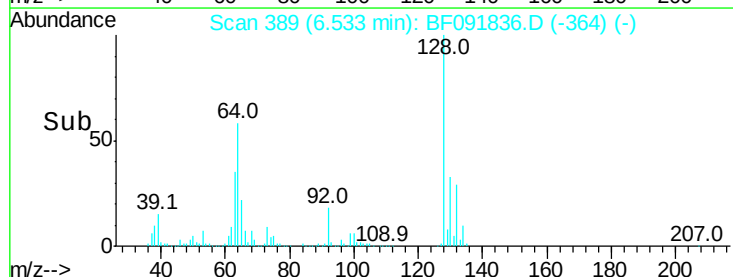
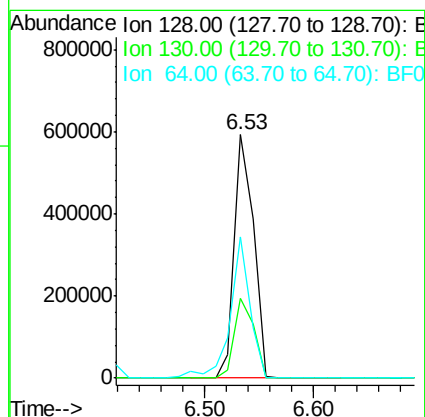
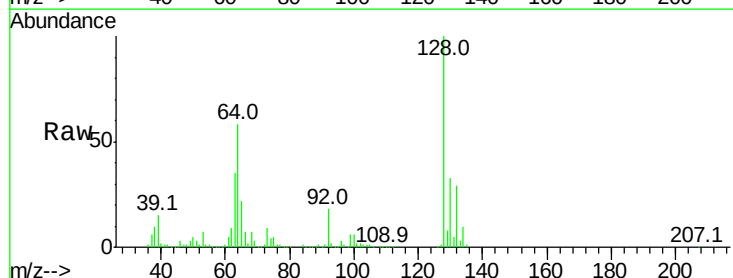
Tgt Ion: 128 Resp: 716642

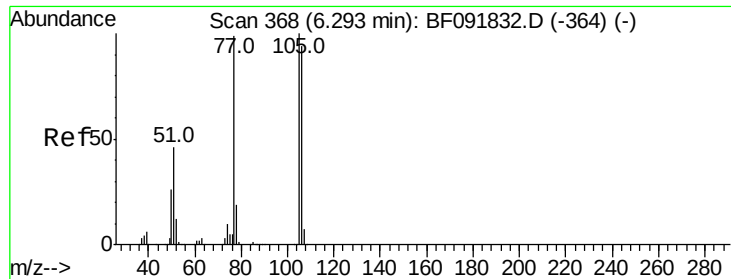
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 57.9 32.2 72.2





#9

Benzaldehyde

Concen: 40.25 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

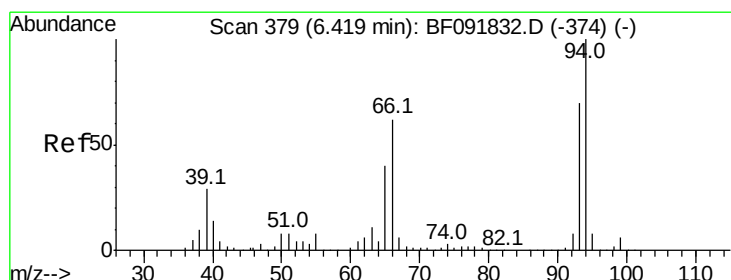
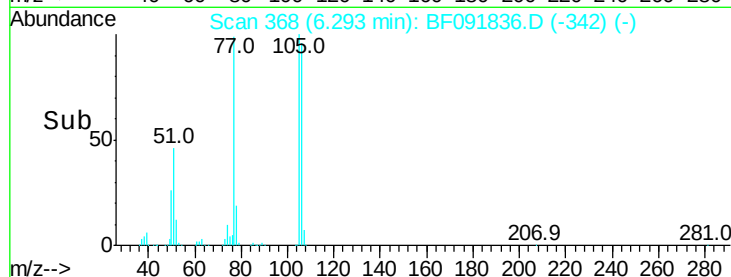
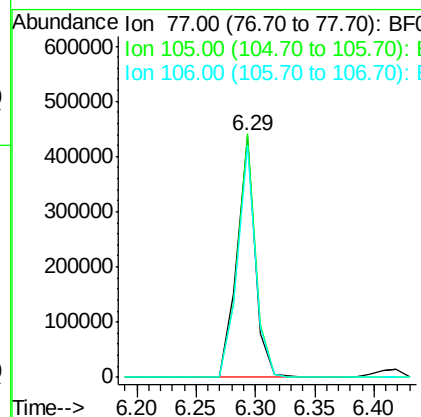
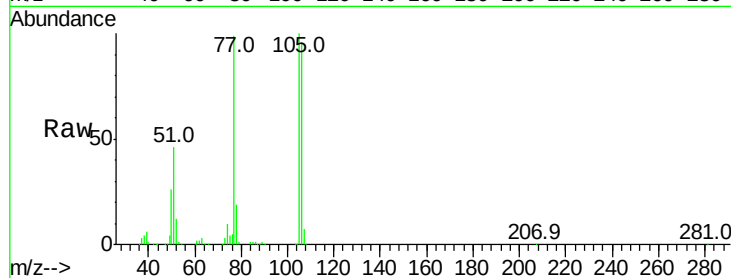
ClientSampleId :

ICVBF122116

Tot Ion:	77	Resp:	465748
Ion	Ratio	Lower	Upper
77	100		
105	100.8	83.9	123.9
106	96.2	77.6	117.6

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#10

Phenol

Concen: 42.04 ng

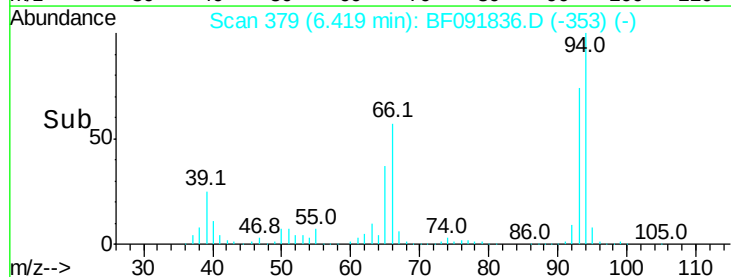
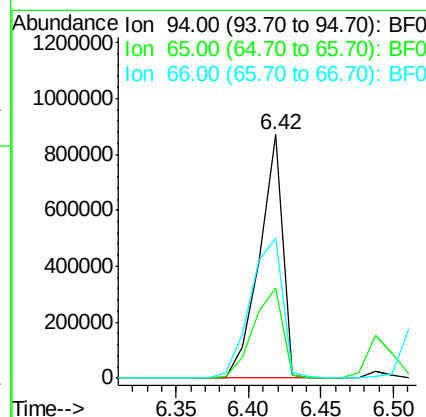
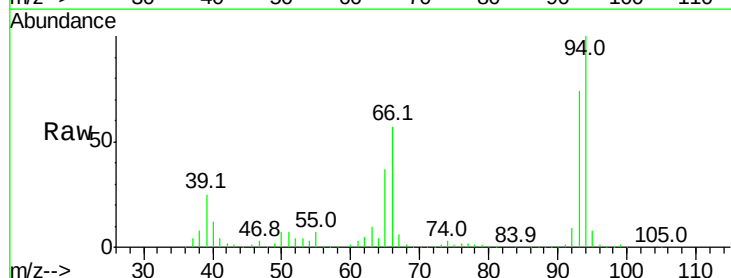
RT: 6.42 min Scan# 379

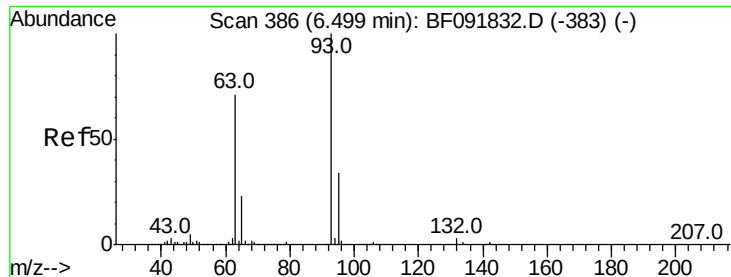
Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Tgt Ion:	94	Resp:	973597
Ion	Ratio	Lower	Upper
94	100		
65	37.2	21.4	61.4
66	57.5	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 39.81 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

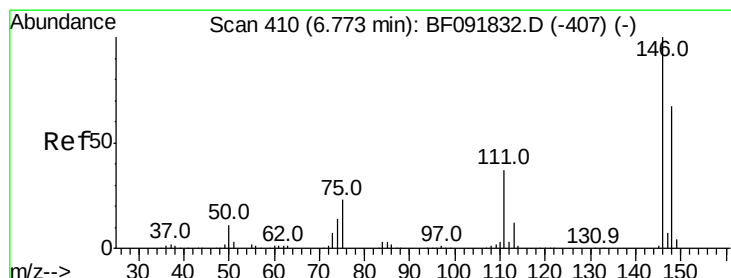
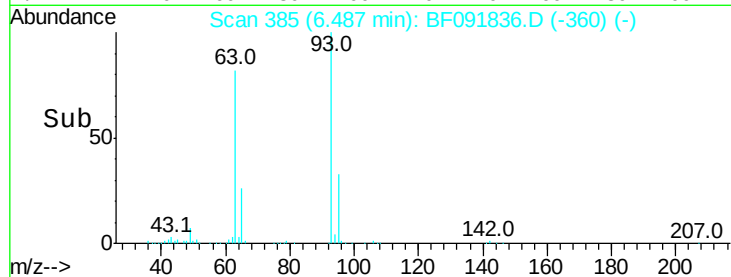
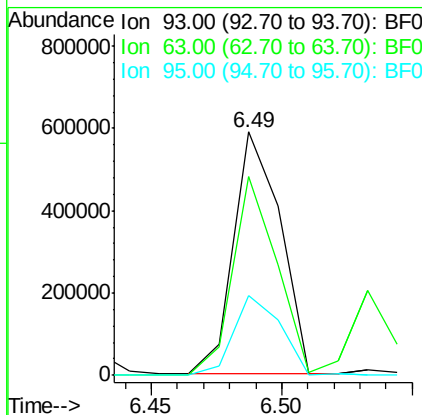
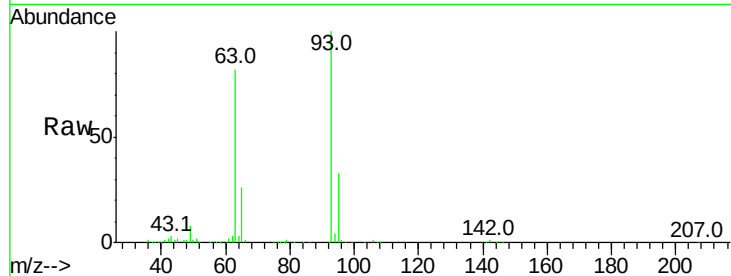
ClientSampleId :

ICVBF122116

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.9	60.4	100.4
95	32.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.94 ng

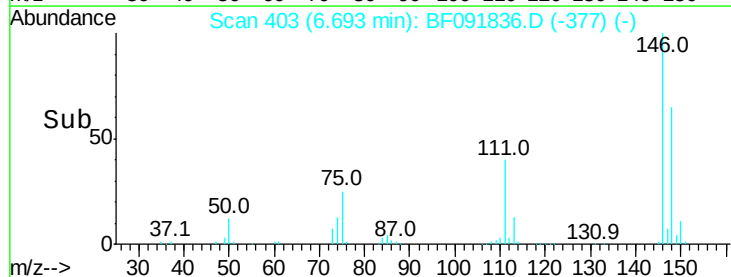
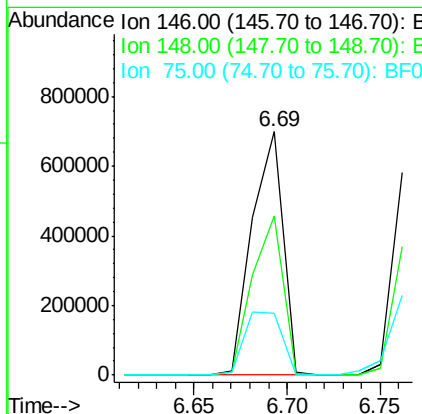
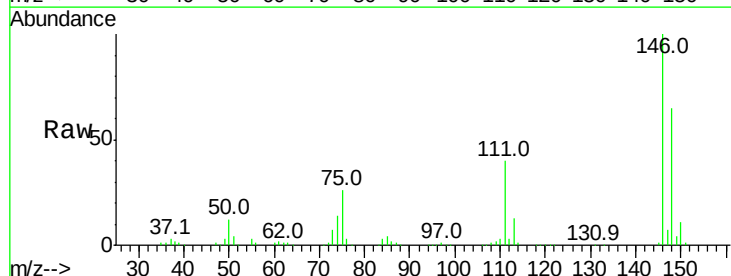
RT: 6.69 min Scan# 403

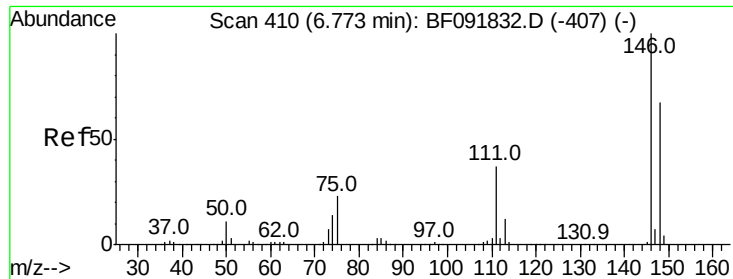
Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.4	80.0
75	25.6	18.5	27.7





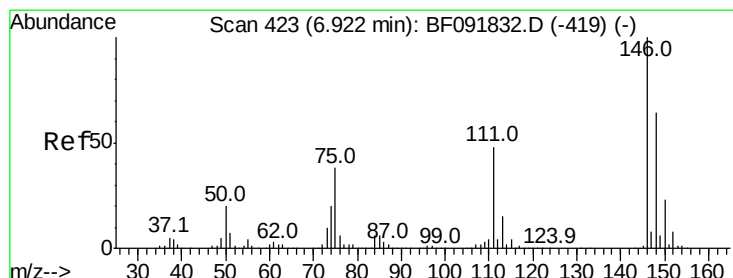
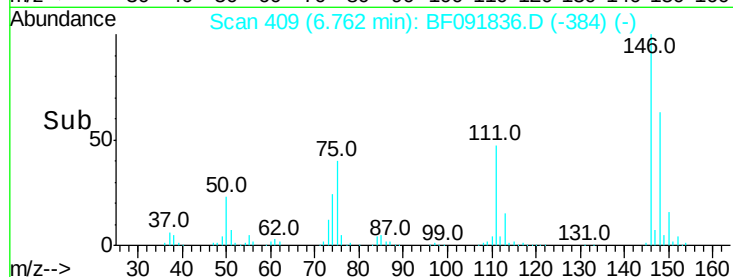
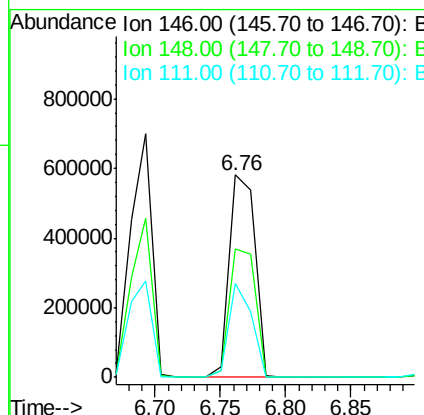
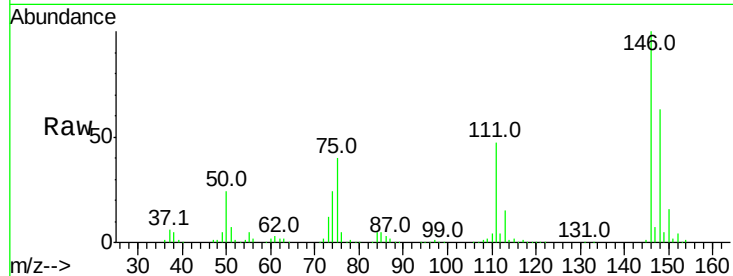
#13
 1,4-Dichlorobenzene
 Concen: 38.55 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122116

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
111	46.5	36.2	54.4

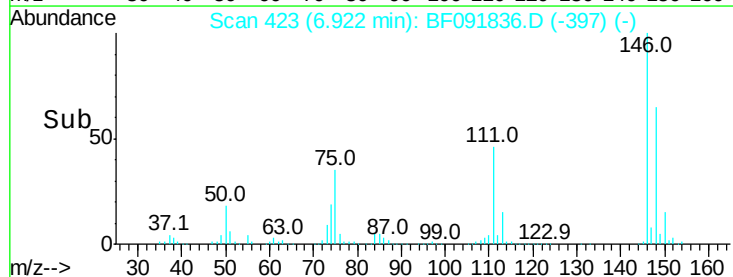
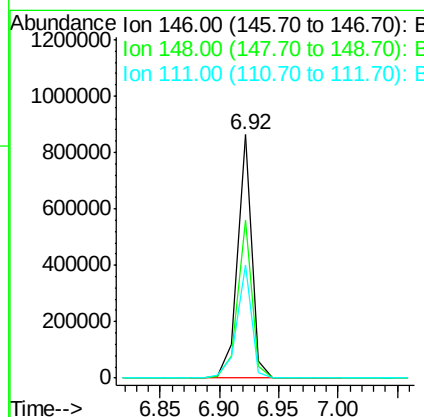
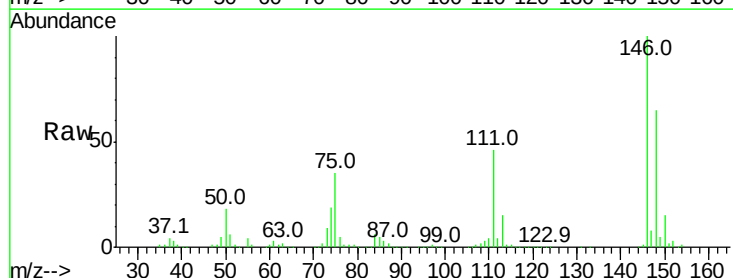
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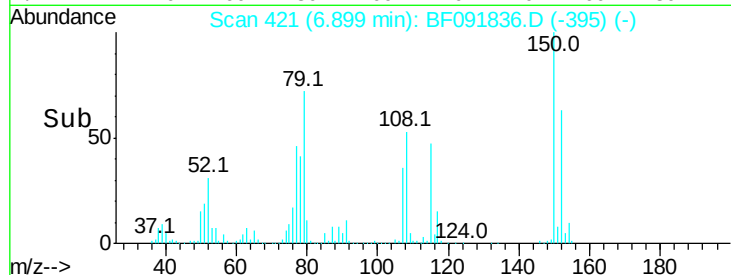
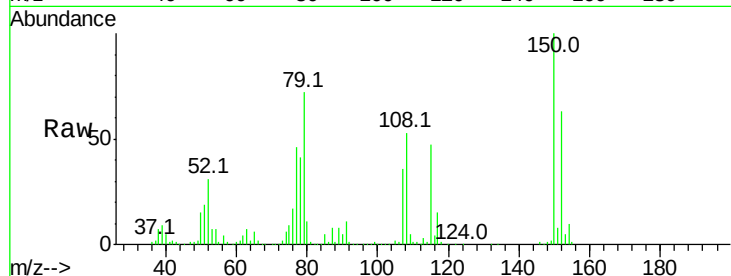
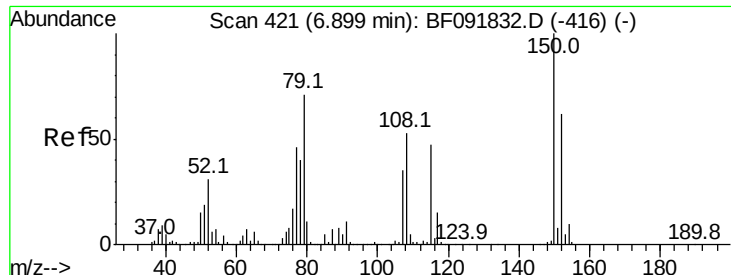
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#14
 1,2-Dichlorobenzene
 Concen: 40.41 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	46.4	36.2	54.2





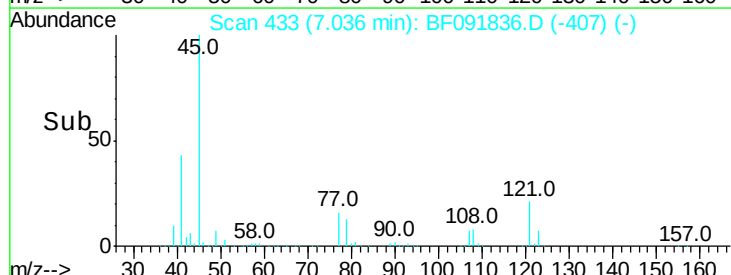
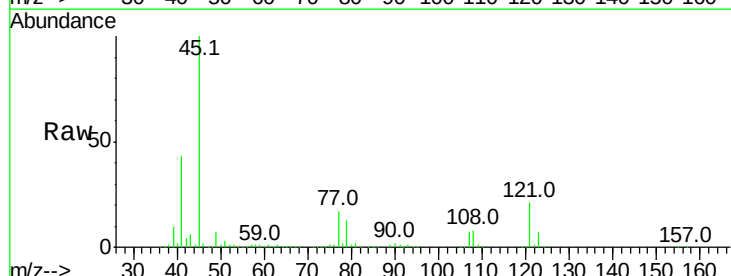
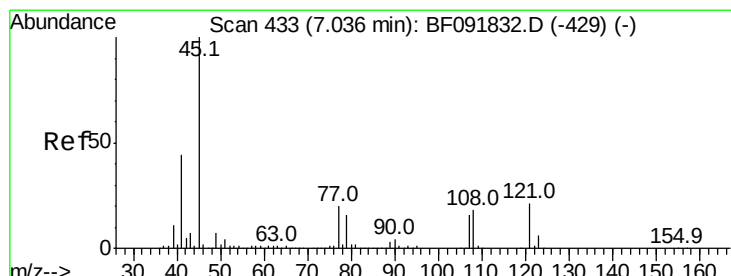
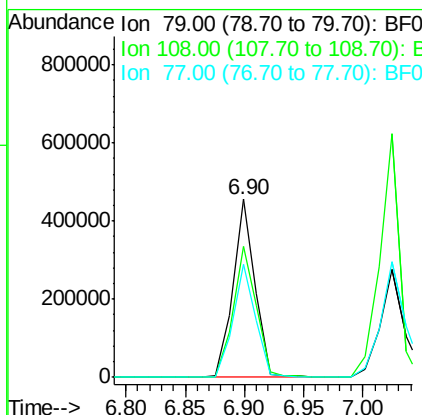
#15
Benzyl Alcohol
Concen: 37.14 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.6	61.4	92.0	
77	63.7	50.9	76.3	

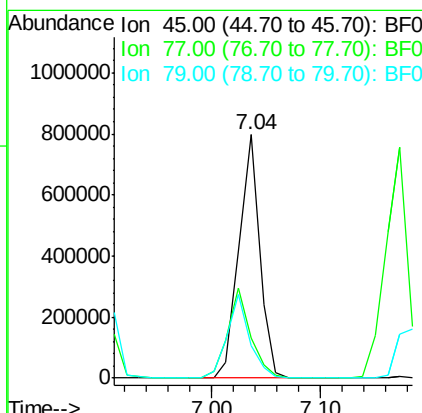
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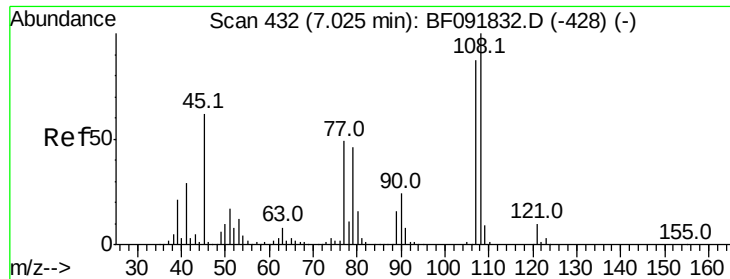
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.16 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	16.6	0.0	34.6	
79	13.4	0.0	31.2	





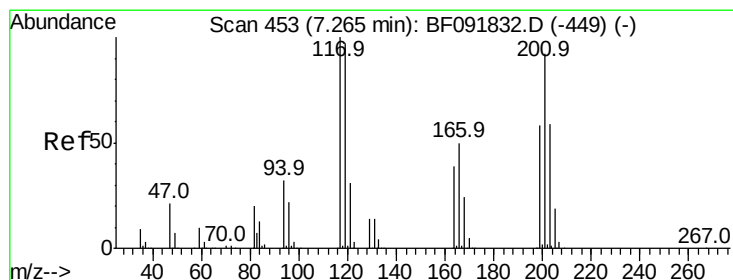
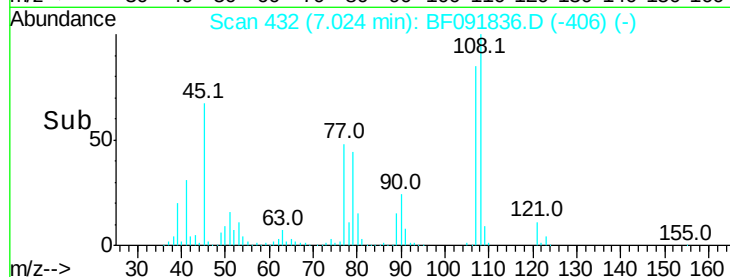
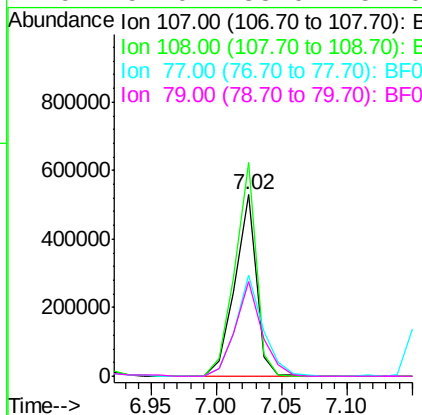
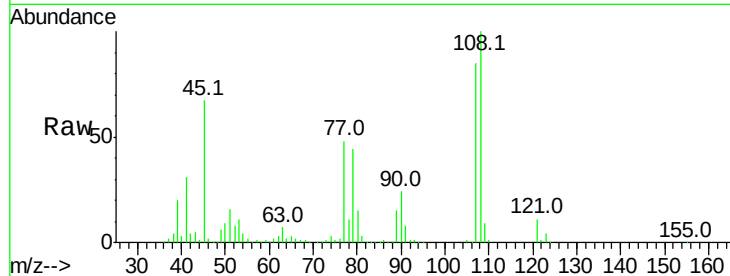
#17
2-Methylphenol
Concen: 39.68 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.6	93.0	139.6	
77	55.9	39.8	59.8	
79	52.0	38.0	57.0	

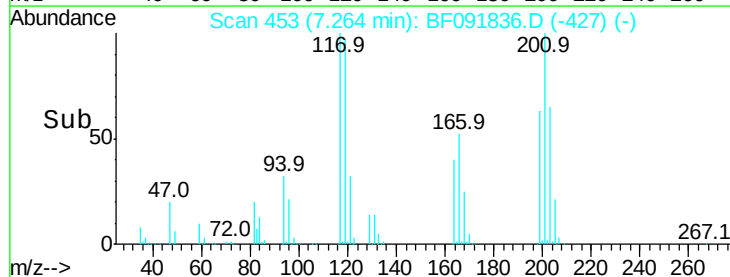
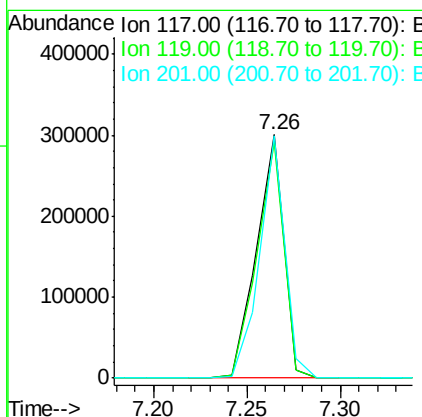
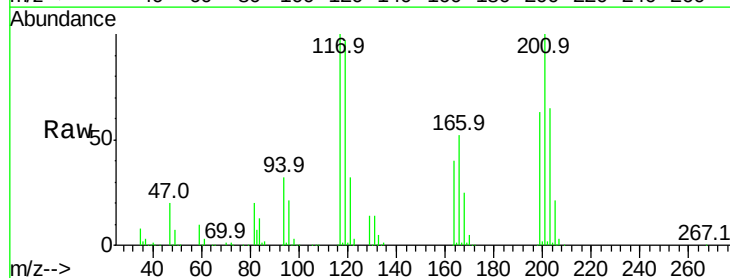
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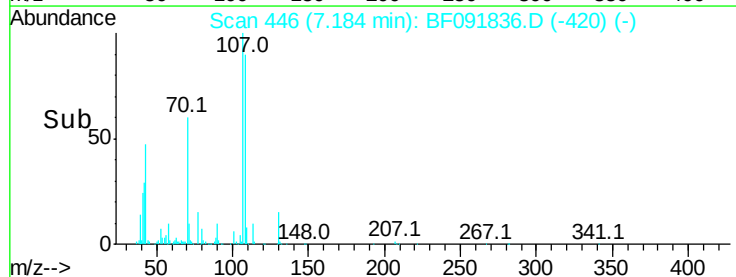
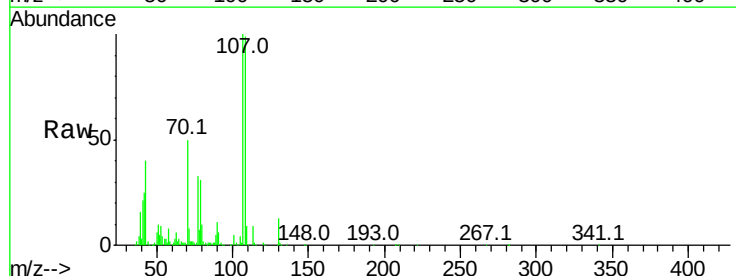
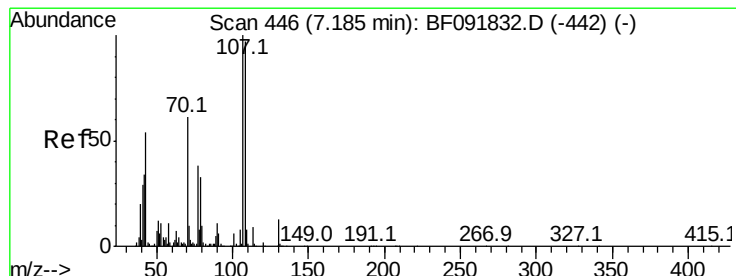
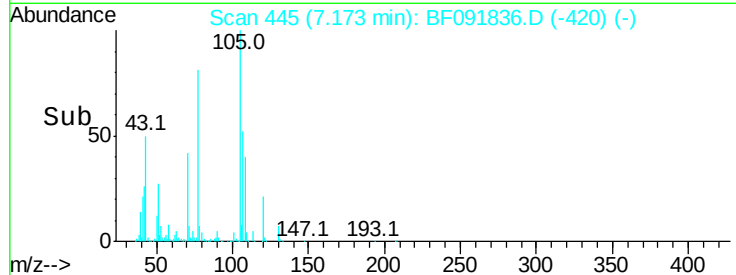
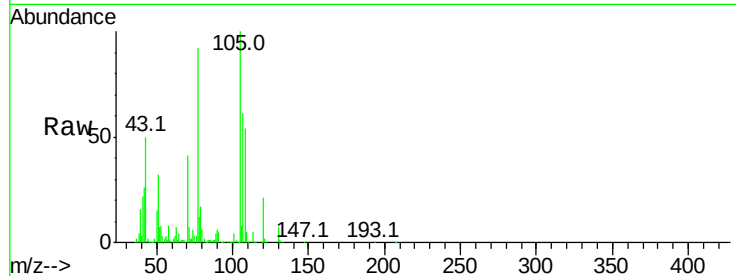
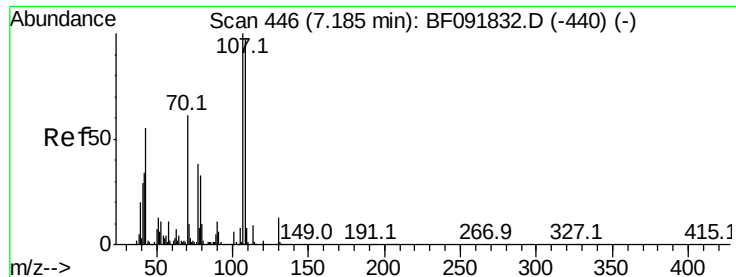
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#18
Hexachloroethane
Concen: 39.73 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	78.1	117.1	
201	99.8	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 38.32 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091836.D

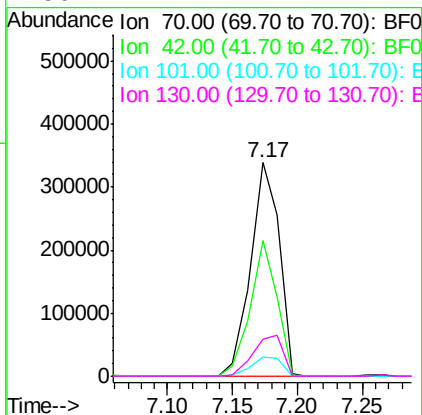
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	49.4	74.0
101	8.8	7.4	11.2
130	17.4	14.2	21.4

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#20

3+4-Methylphenols

Concen: 40.46 ng

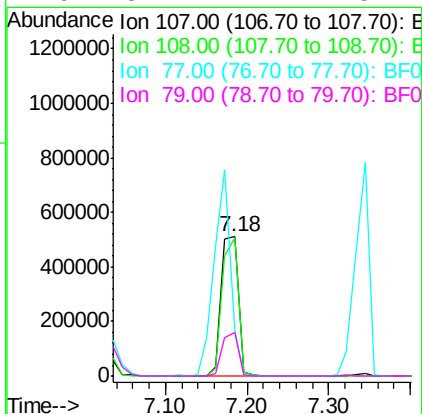
RT: 7.18 min Scan# 446

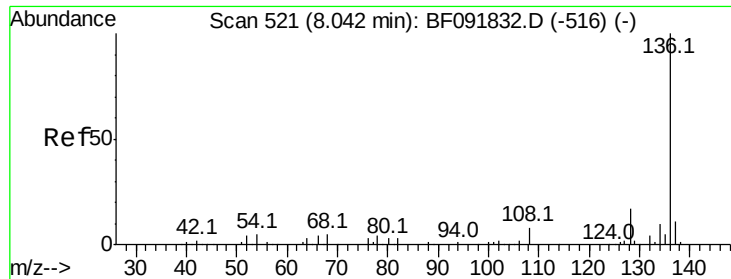
Delta R.T. 0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	99.1	73.0	113.0
77	33.0	71.3	111.3
79	31.2	11.1	51.1





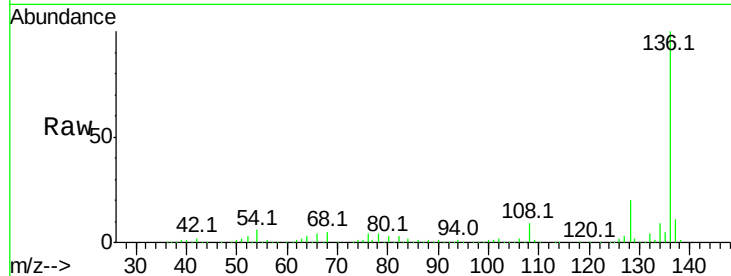
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

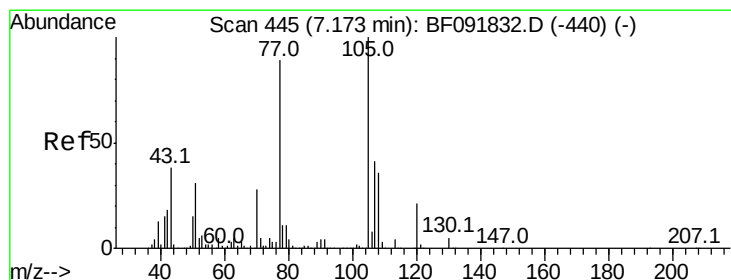
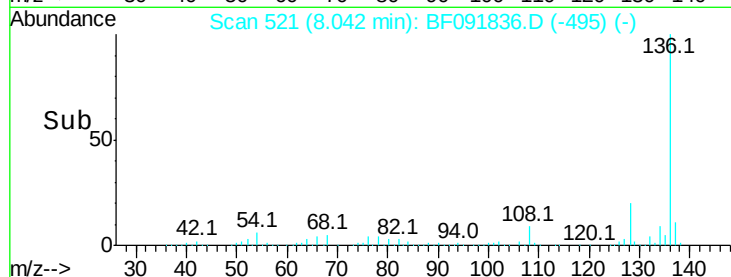
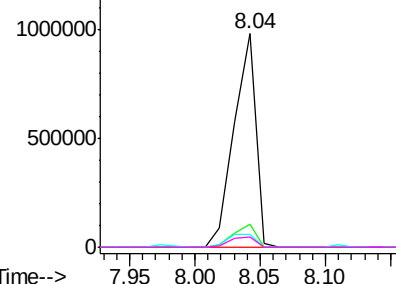
Tot Ion	136	Resp	1142308
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.4	12.6
54	6.0	4.5	6.7
68	4.9	3.6	5.4

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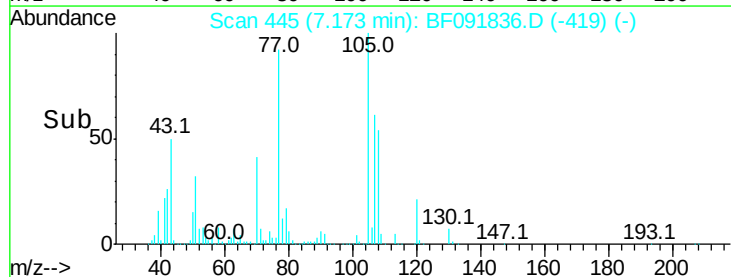
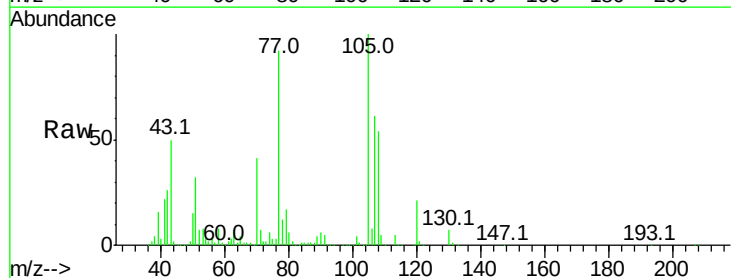
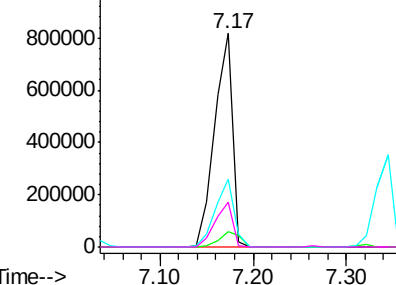
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

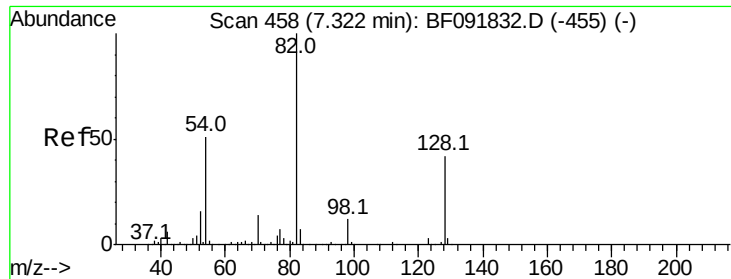


#22
Acetophenone
Concen: 38.99 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	105	Resp	1098698
Ion Ratio	Lower	Upper	
105	100		
71	7.0	3.2	4.8#
51	31.9	26.2	39.4
120	21.3	16.6	24.8

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





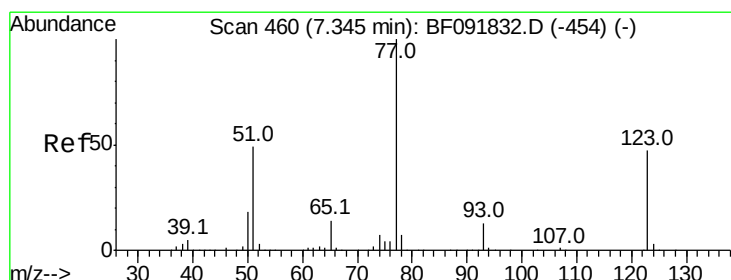
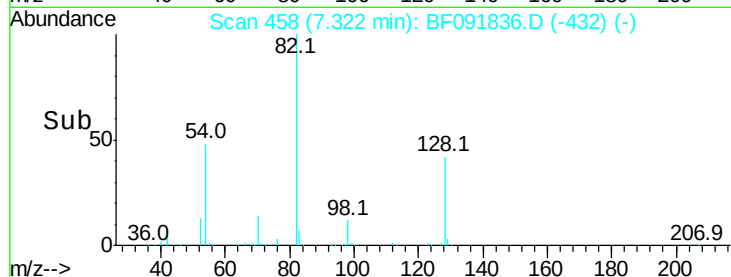
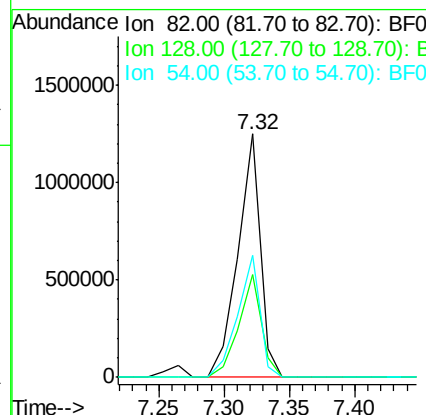
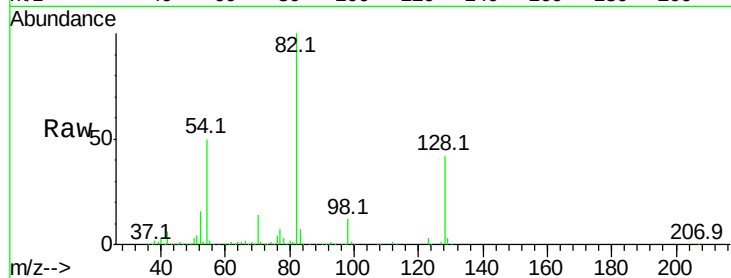
#23
Nitrobenzene-d5
Concen: 72.28 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	50.0	39.5	59.3

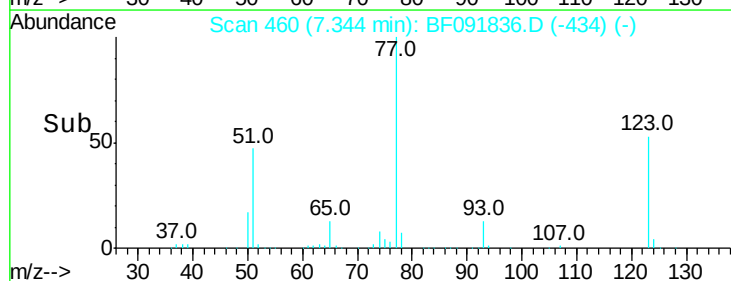
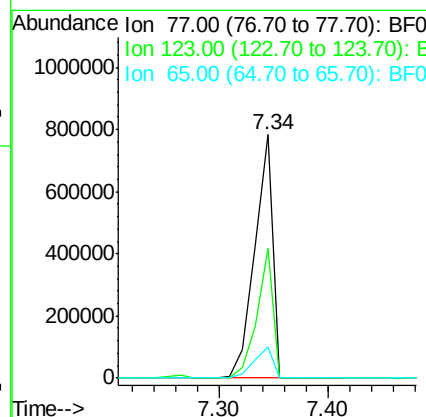
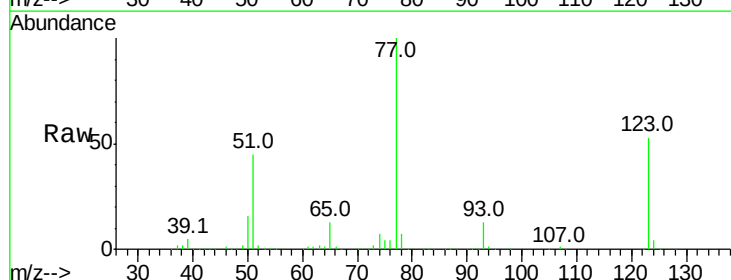
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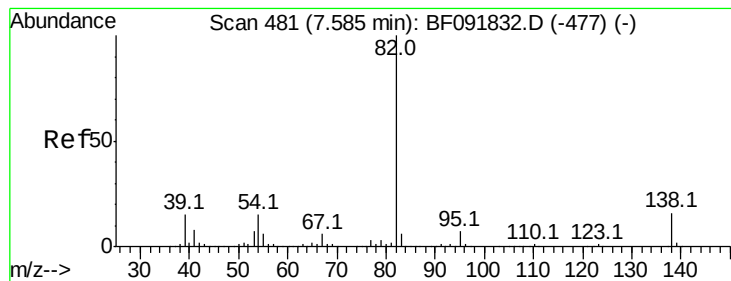
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#24
Nitrobenzene
Concen: 40.99 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.2	33.0	49.4#
65	12.6	11.2	16.8





#25

Isophorone

Concen: 37.94 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

ICVBF122116

Tot Ion: 82 Resp: 1437806

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

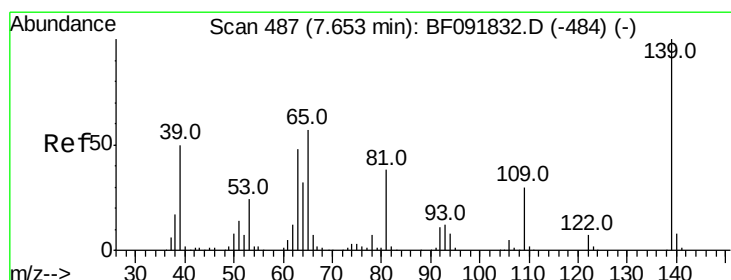
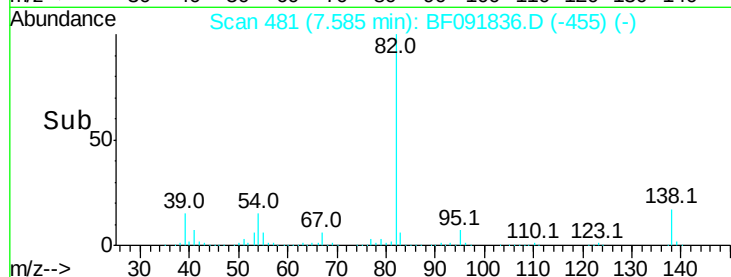
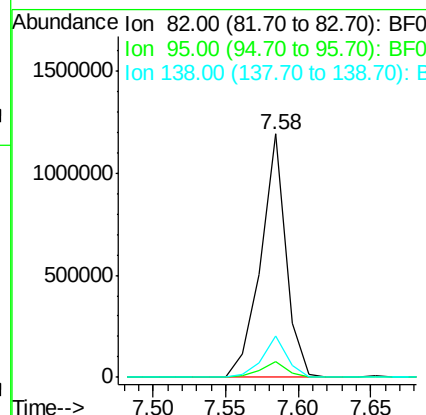
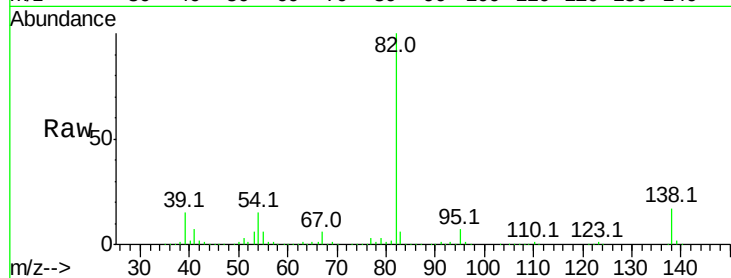
138 17.0 14.6 22.0

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#26

2-Nitrophenol

Concen: 35.51 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

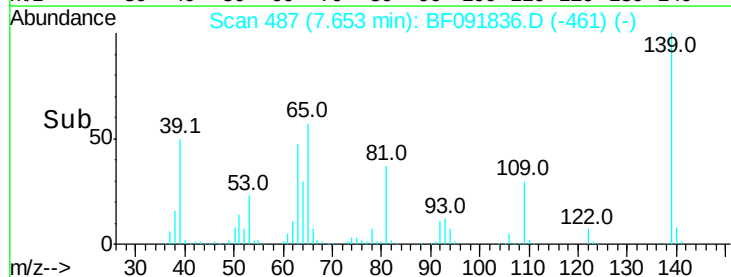
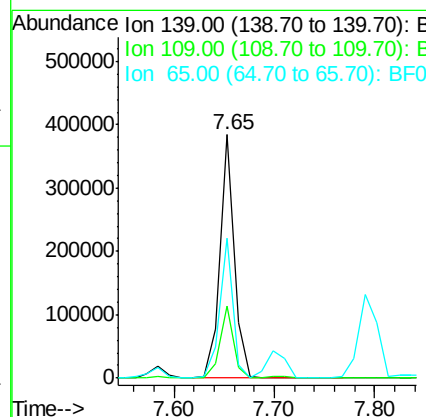
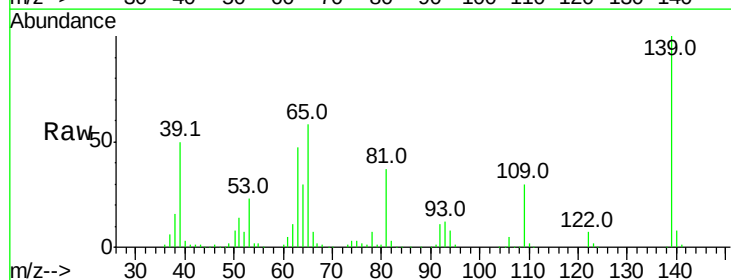
Tgt Ion:139 Resp: 383145

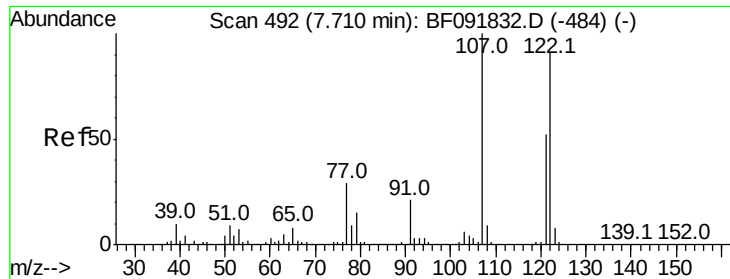
Ion Ratio Lower Upper

139 100

109 29.8 23.3 34.9

65 57.5 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 37.16 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

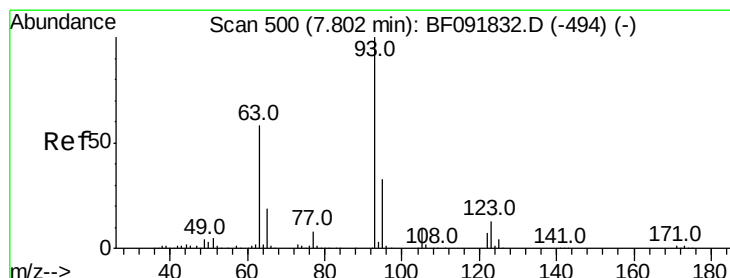
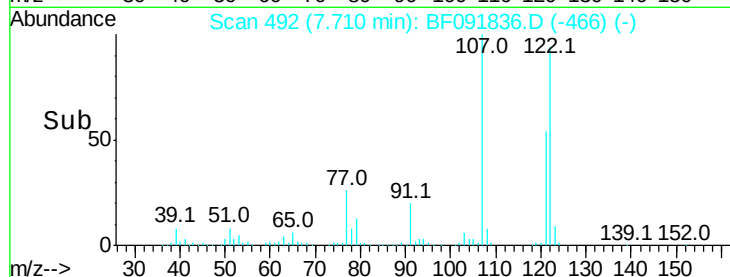
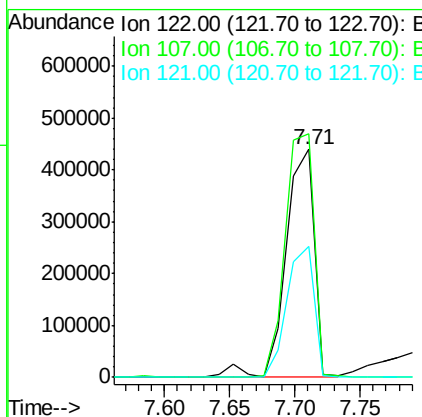
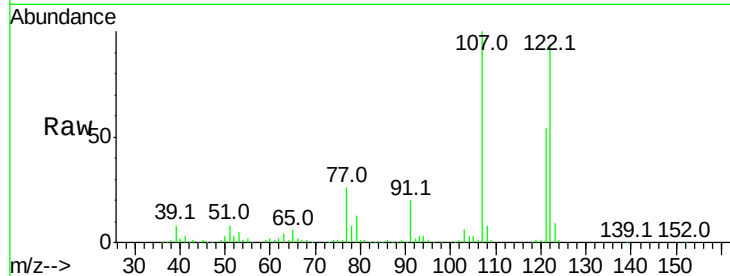
ClientSampleId :

ICVBF122116

Tot Ion:	122	Resp:	664989
Ion	Ratio	Lower	Upper
122	100		
107	106.7	94.1	141.1
121	57.4	46.0	69.0

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 36.30 ng

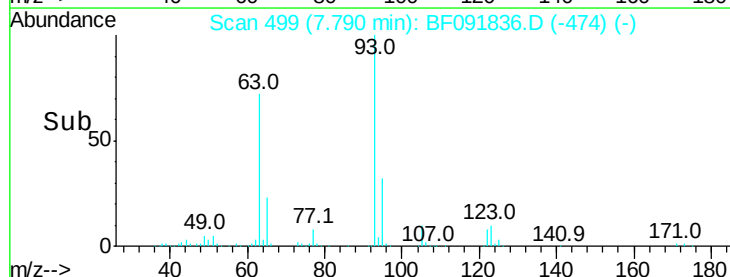
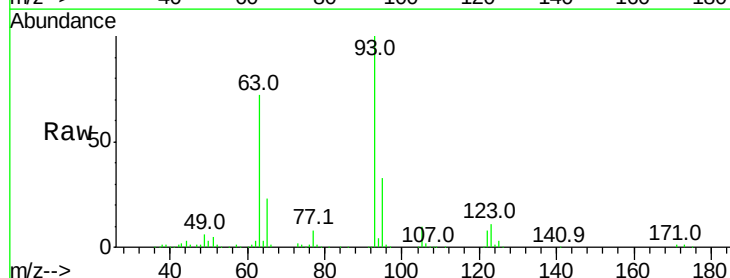
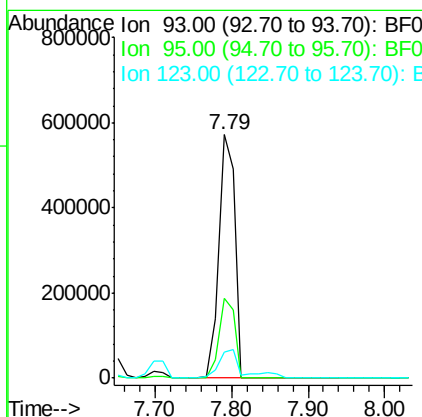
RT: 7.79 min Scan# 499

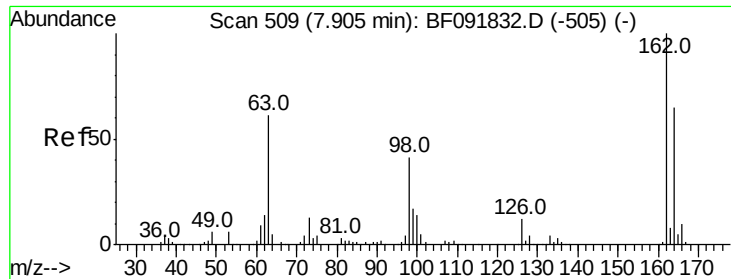
Delta R.T. -0.01 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Tgt Ion:	93	Resp:	834210
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	10.6	8.6	13.0





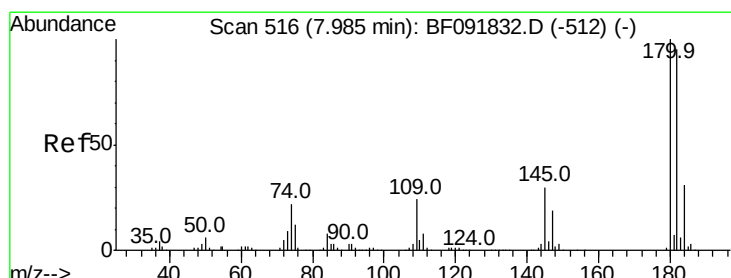
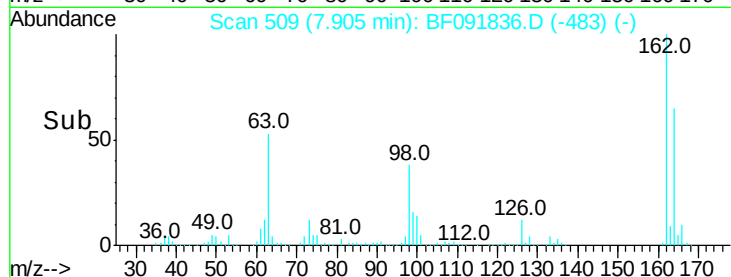
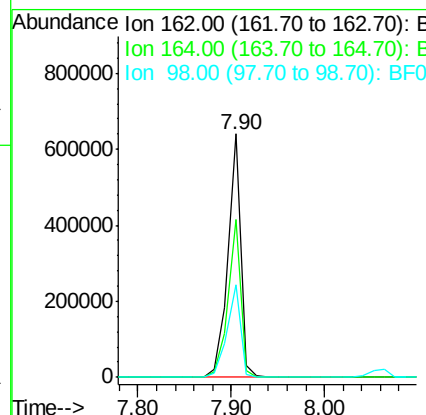
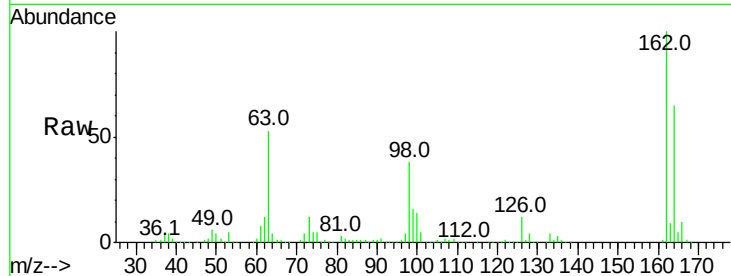
#29
2,4-Dichlorophenol
Concen: 39.98 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Resp	Lower	Upper
162	100	605877		
164	64.9	46.8	86.8	
98	38.3	9.1	49.1	

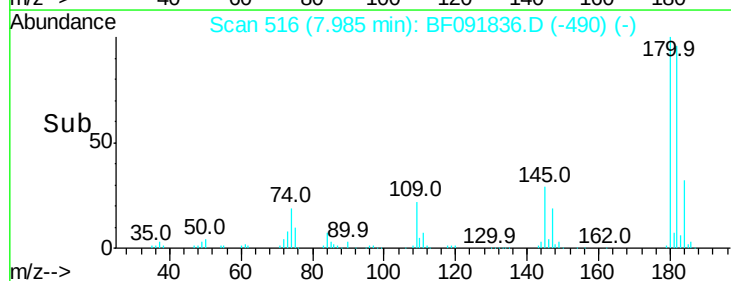
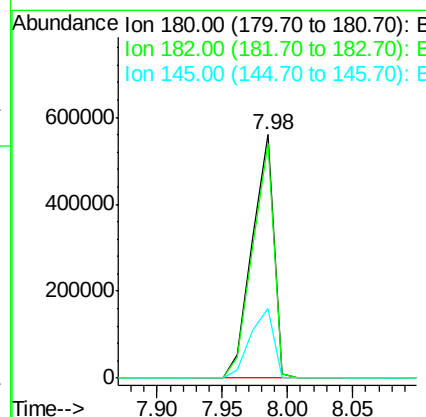
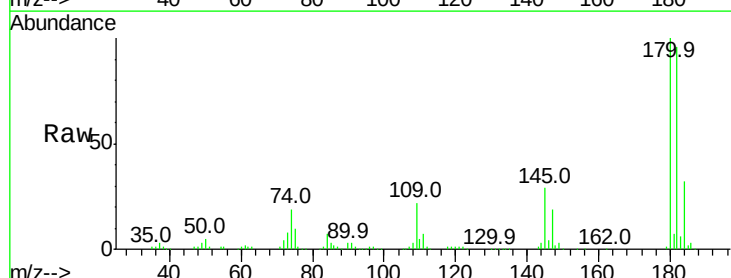
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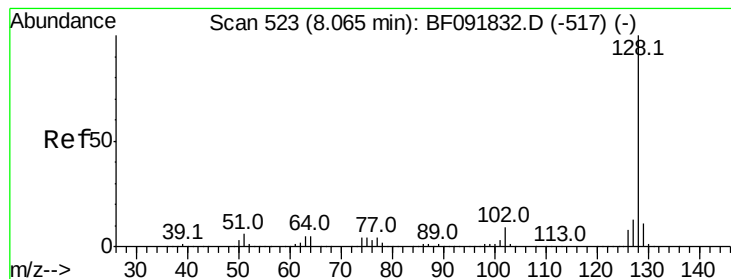
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#30
1,2,4-Trichlorobenzene
Concen: 39.10 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	649329		
182	96.4	78.2	117.4	
145	28.6	21.6	32.4	





#31

Naphthalene

Concen: 41.13 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

ICVBF122116

Tot Ion:128 Resp: 2150305

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

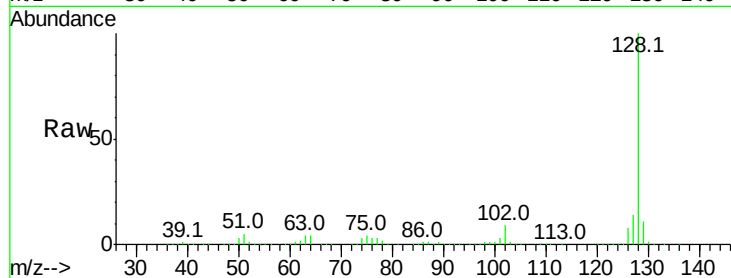
127 13.6 10.8 16.2

Manual Integrations

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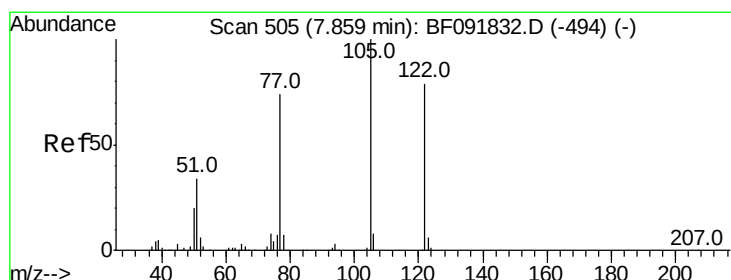
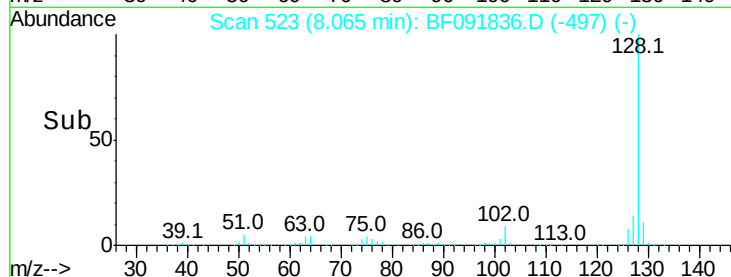
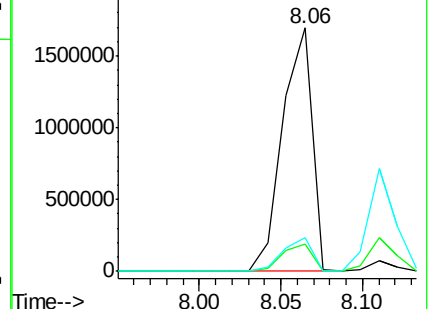
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.11 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

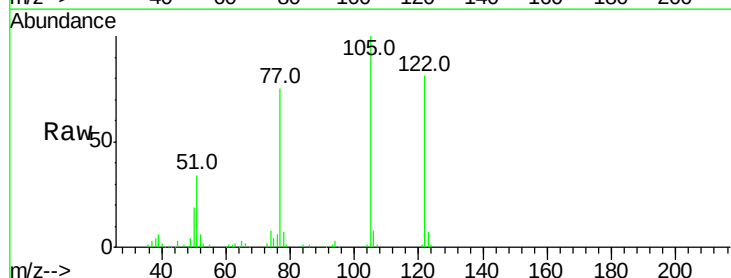
Tgt Ion:122 Resp: 545677

Ion Ratio Lower Upper

122 100

105 124.1 107.2 147.2

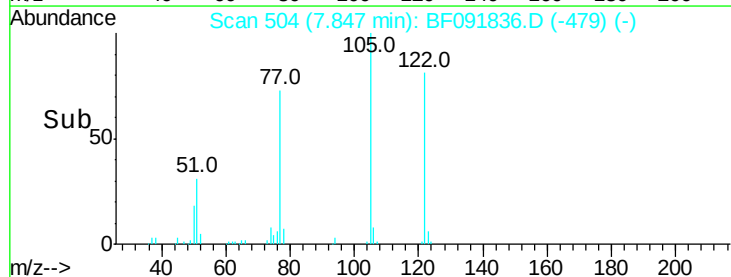
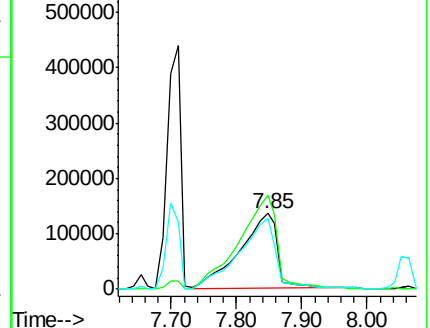
77 93.6 74.5 114.5

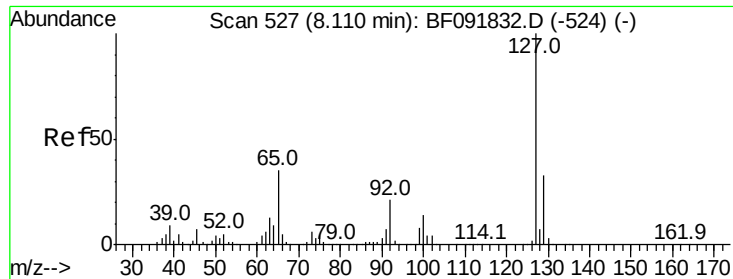


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





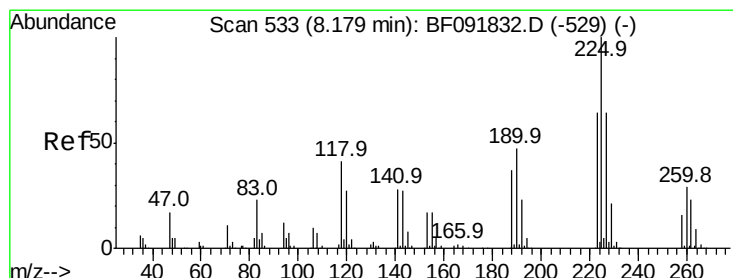
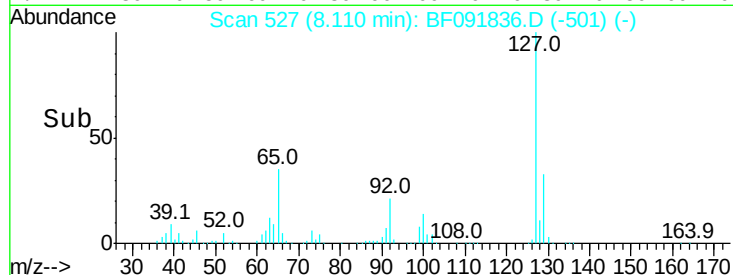
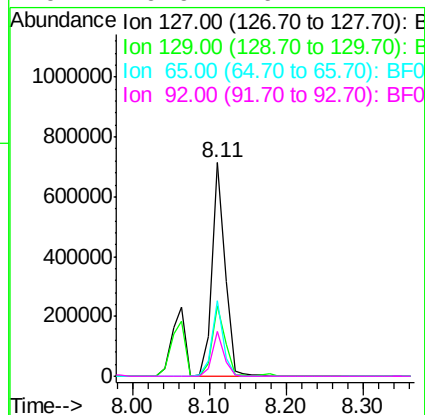
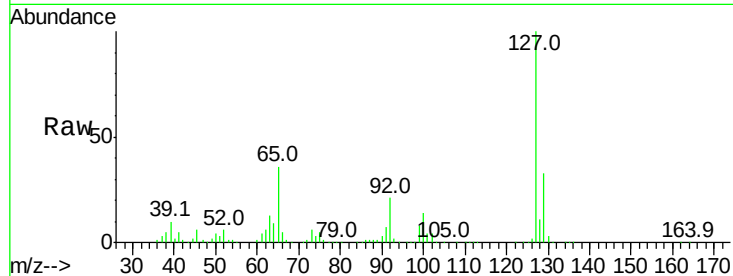
#33
4-Chloroaniline
Concen: 35.12 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.3	39.5		
65	35.6	25.8	38.8		
92	20.9	16.1	24.1		

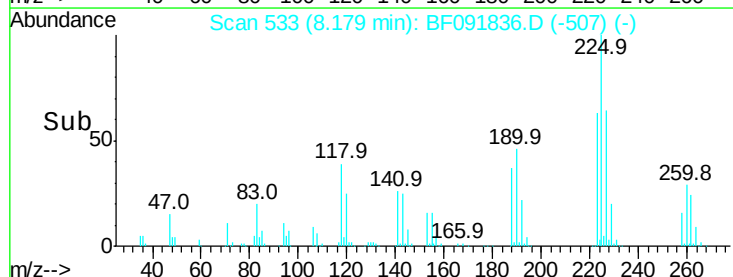
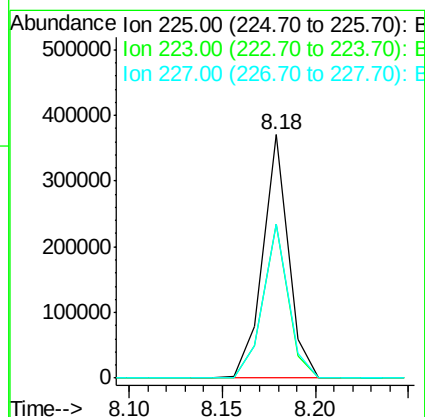
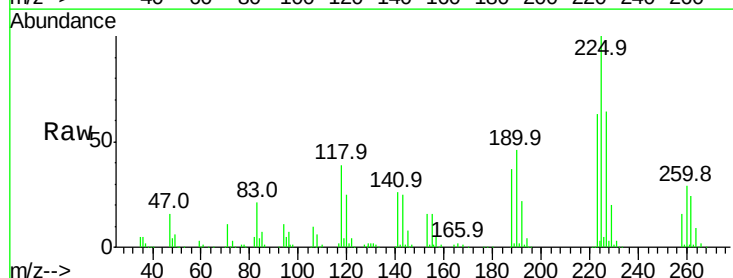
Manual Integrations
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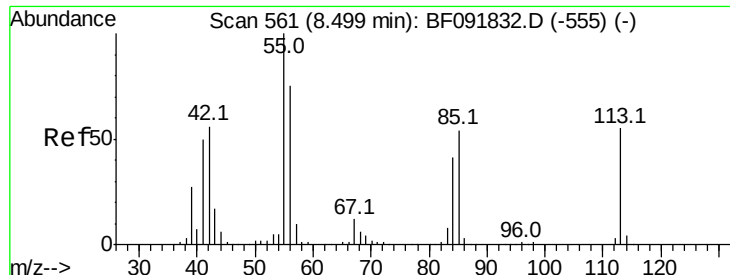
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#34
Hexachlorobutadiene
Concen: 39.86 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.0	76.6		
227	63.5	50.6	76.0		





#35

Caprolactam

Concen: 37.05 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

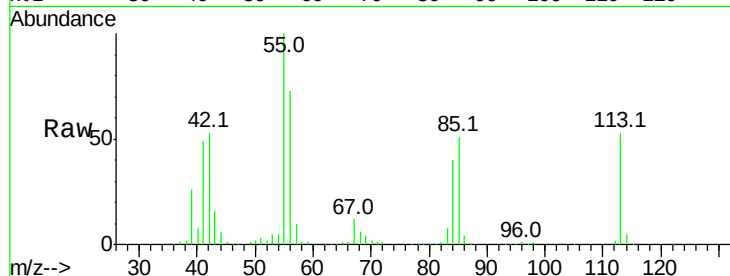
ClientSampleId :

ICVBF122116

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.4	119.2	159.2#
56	137.3	83.8	123.8#

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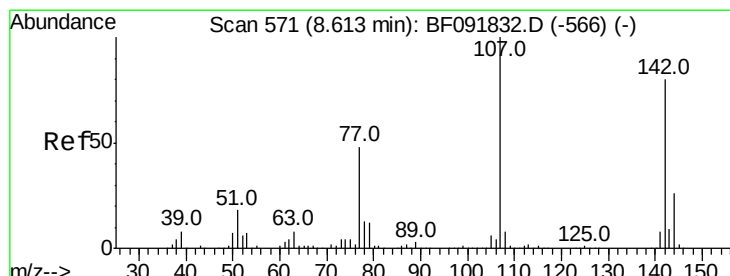
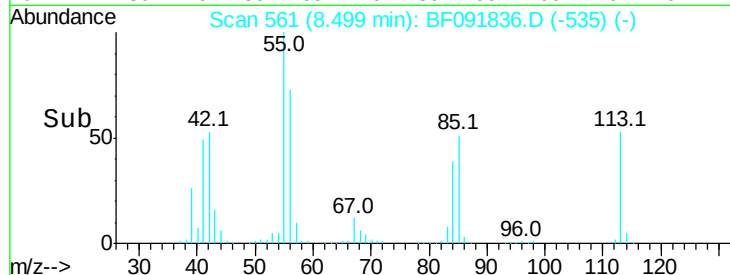
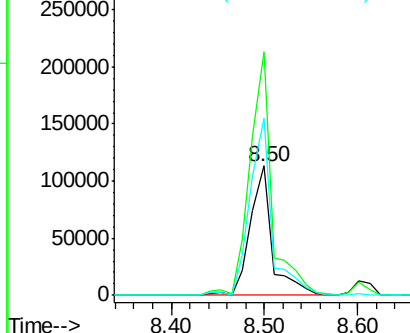
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.95 ng

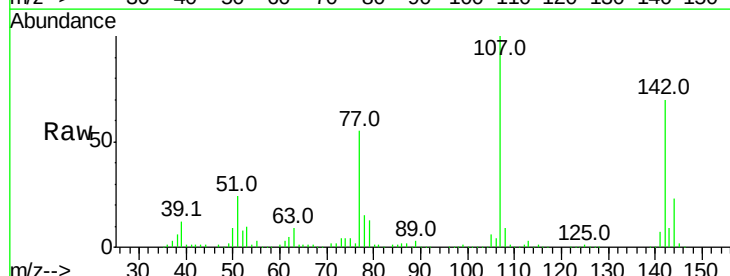
RT: 8.60 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

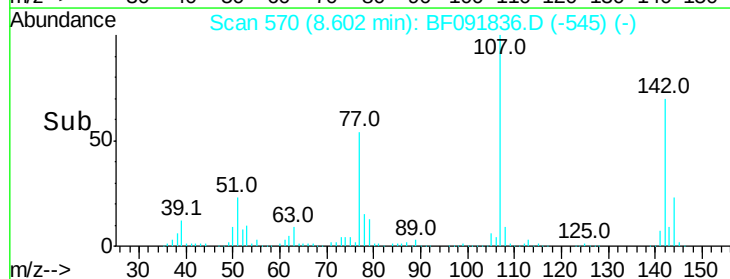
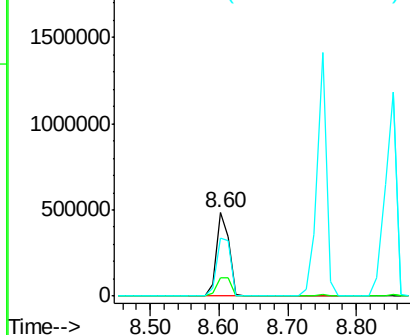
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	19.3	28.9
142	70.2	59.0	88.6

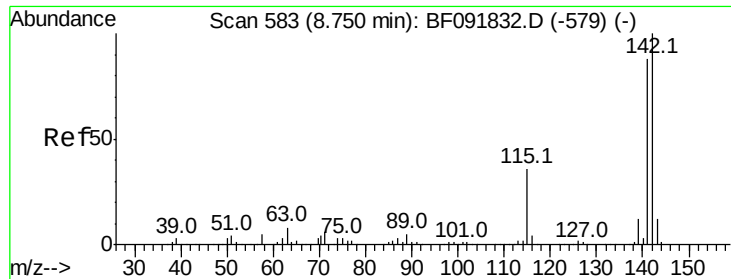


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





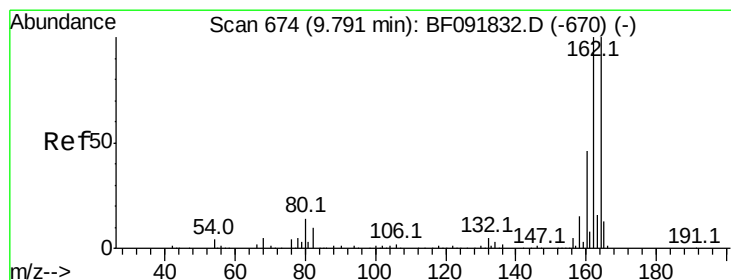
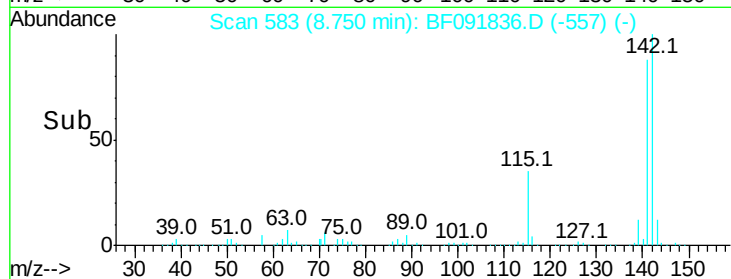
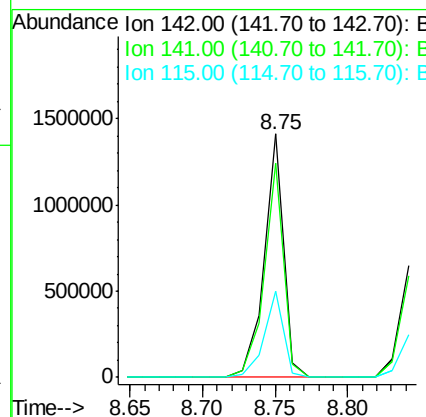
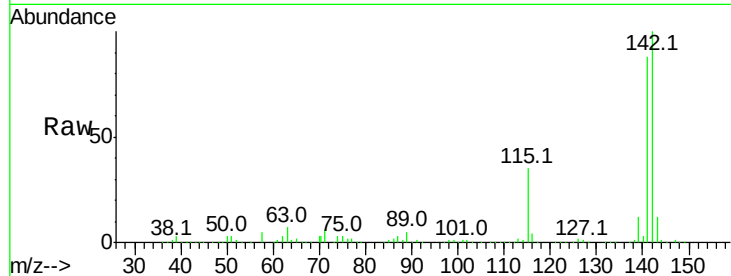
#37
2-Methylnaphthalene
Concen: 39.50 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	35.4	28.3	42.5

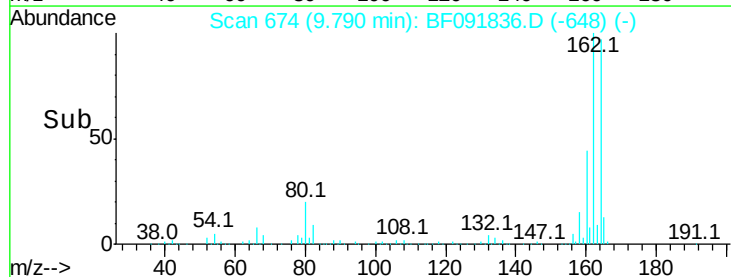
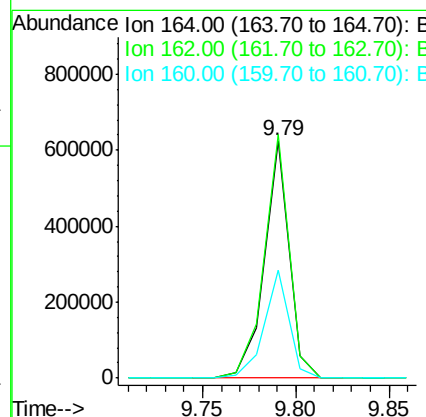
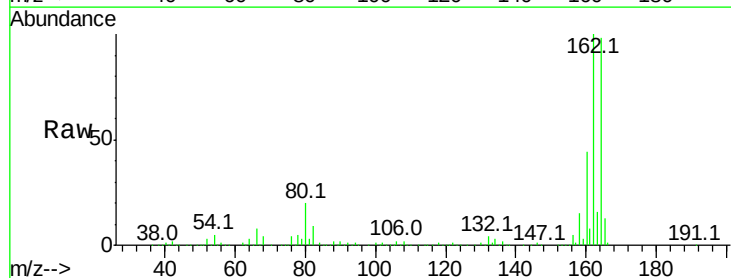
Manual Integrations
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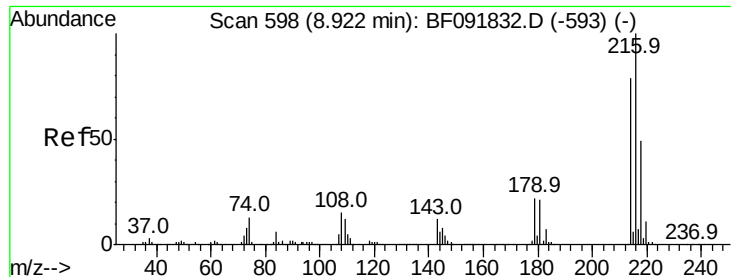
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.2
160	45.5	36.9	55.3





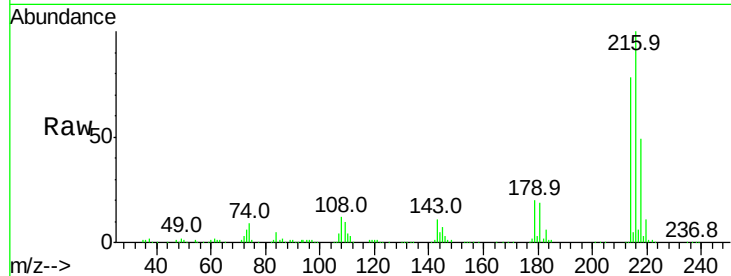
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.27 ng
RT: 8.92 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

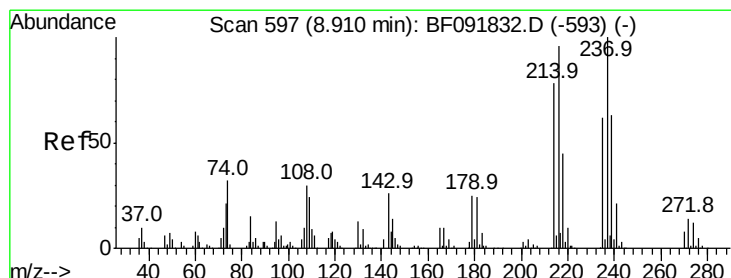
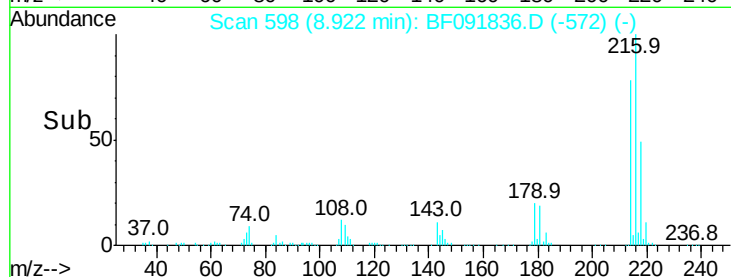
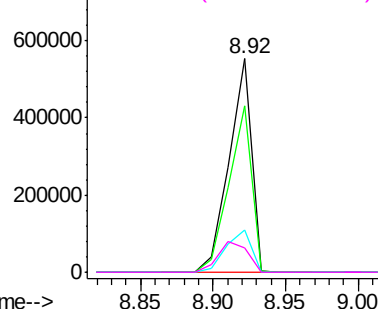
Tot Ion	Ratio	Resp	Lower	Upper
216	100	596720		
214	79.1	63.4	95.0	
179	22.3	17.4	26.2	
108	19.2	15.6	23.4	

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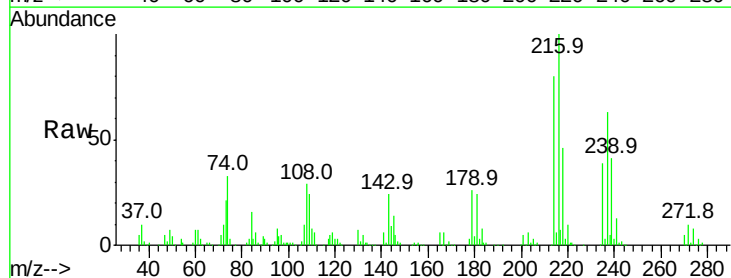


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

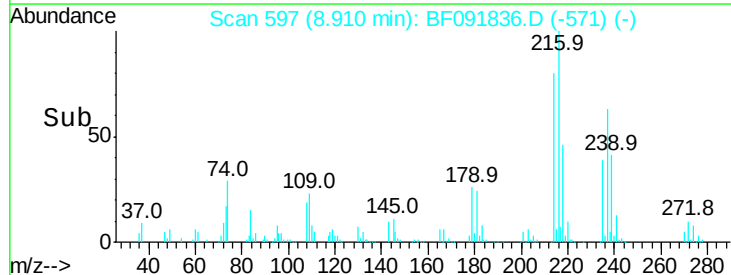
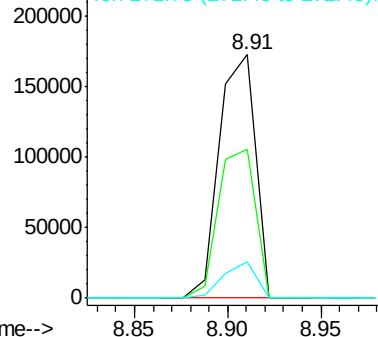


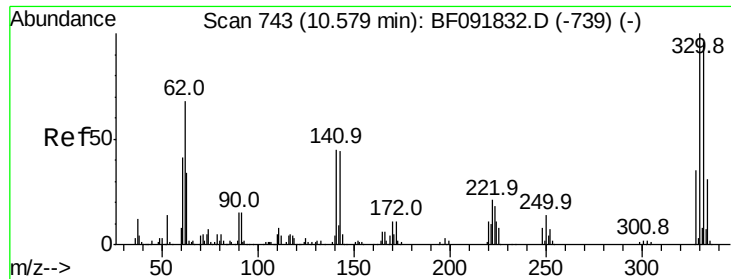
#40
Hexachlorocyclopentadiene
Concen: 38.29 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	232518		
235	61.1	41.2	81.2	
272	15.0	0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





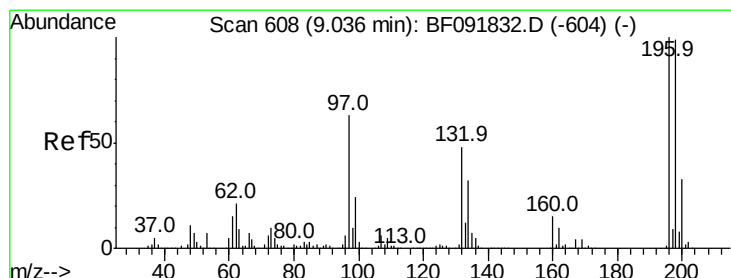
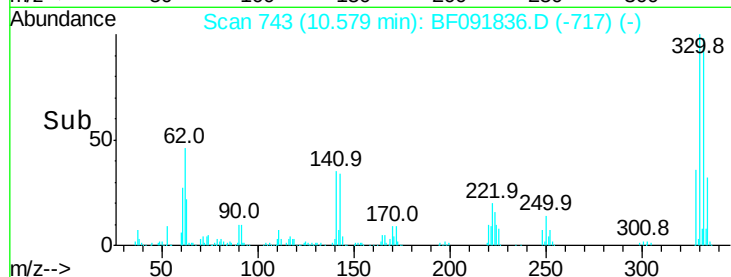
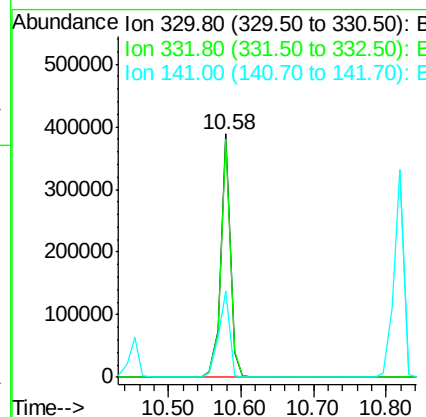
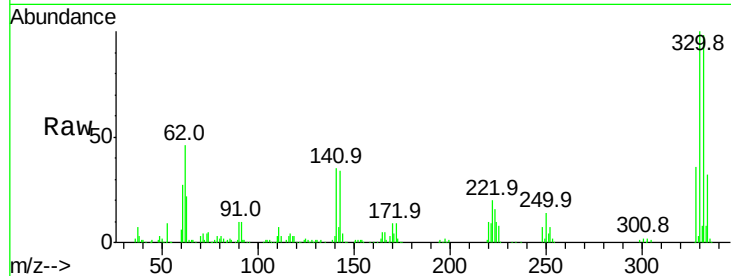
#41
 2,4,6-Tribromophenol
 Concen: 75.08 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122116

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.4	77.4	116.2	
141	40.9	34.1	51.1	

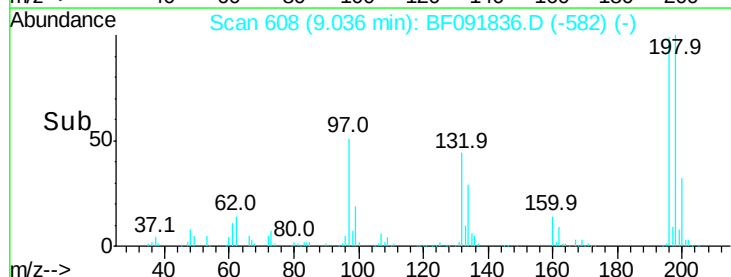
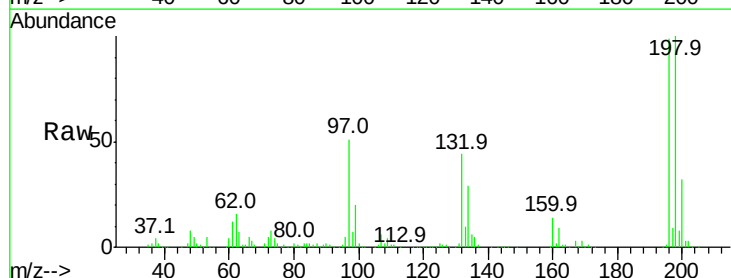
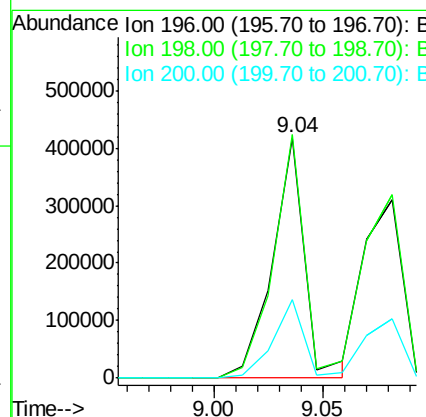
Manual Integrations
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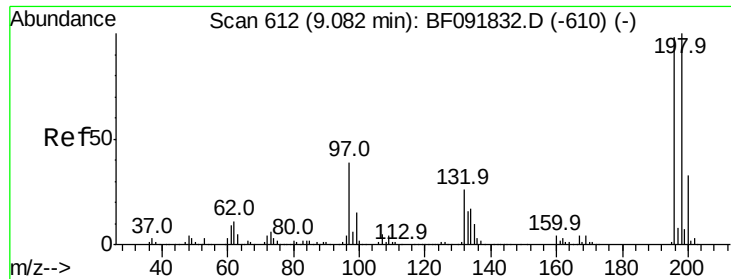
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#42
 2,4,6-Trichlorophenol
 Concen: 42.95 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.4	82.1	123.1	
200	32.6	27.0	40.4	





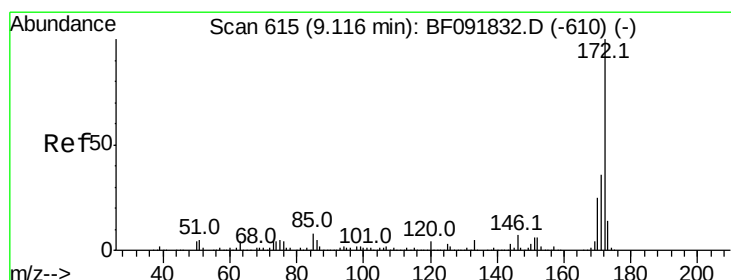
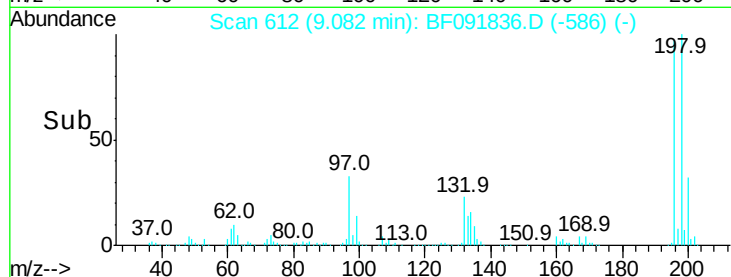
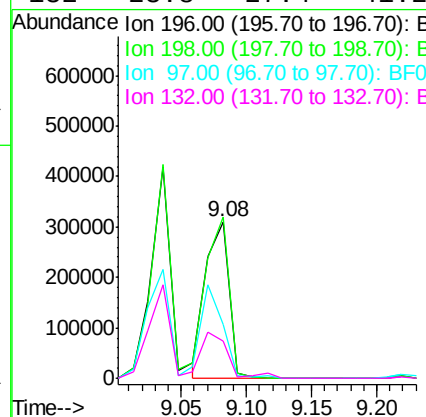
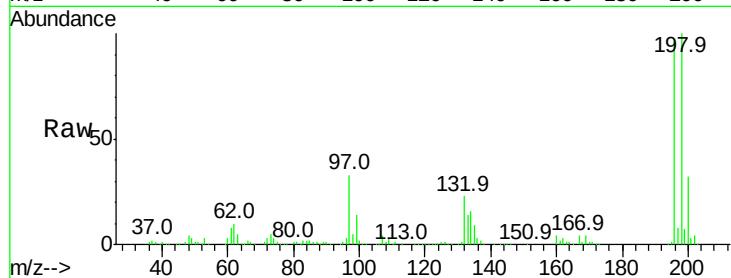
#43
 2,4,5-Trichlorophenol
 Concen: 37.28 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122116

Tot Ion	Ratio	Resp	Lower	Upper
196	100	387941		
198	103.1	79.4	119.2	
97	34.5	51.5	77.3#	
132	23.8	27.4	41.2#	

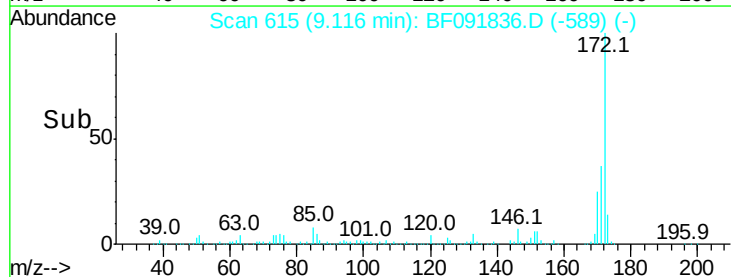
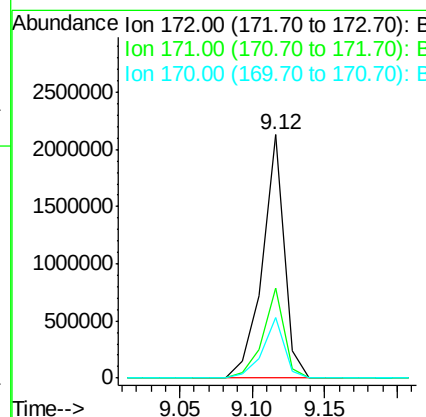
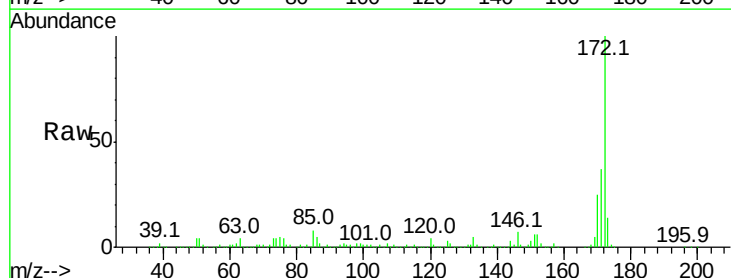
Manual Integrations
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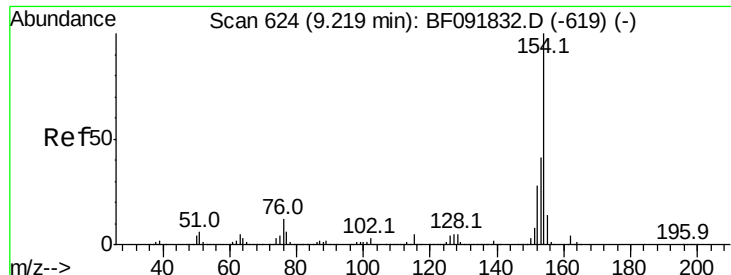
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#44
 2-Fluorobiphenyl
 Concen: 78.46 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2219134		
171	36.7	29.4	44.0	
170	25.1	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 43.19 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

ICVBF122116

Tot Ion:154 Resp: 1692384

Ion Ratio Lower Upper

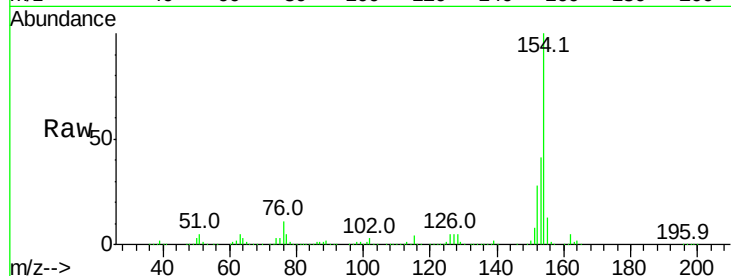
154 100

153 41.0 20.9 60.9

76 10.7 0.0 30.5

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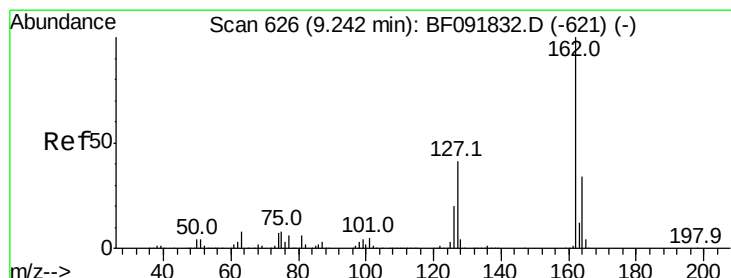
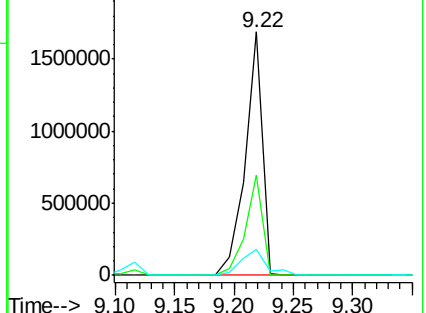
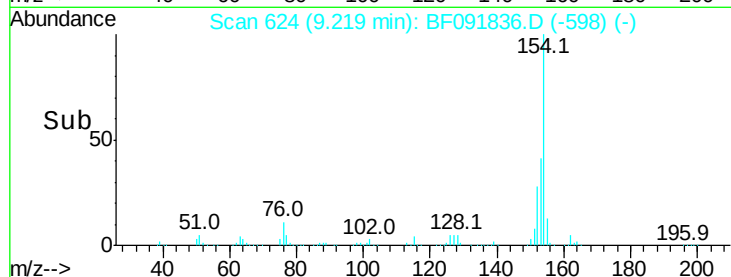
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.38 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

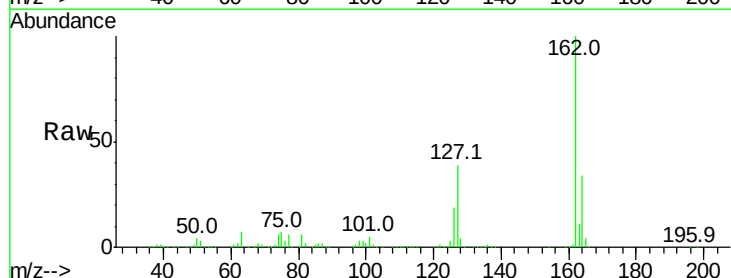
Tgt Ion:162 Resp: 1283915

Ion Ratio Lower Upper

162 100

127 38.6 30.7 46.1

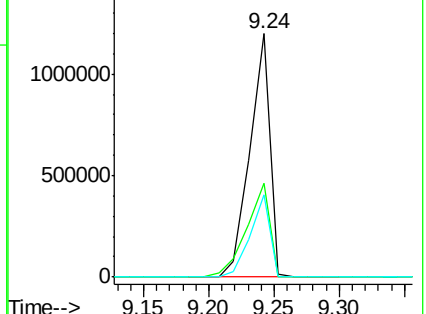
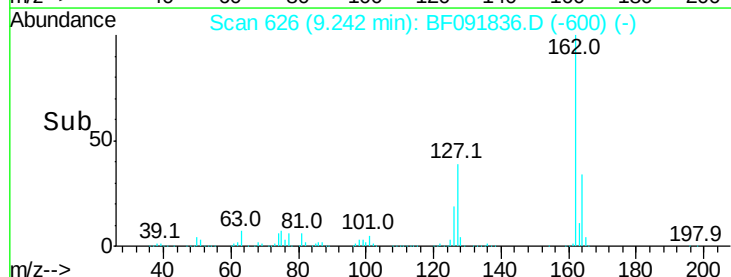
164 33.7 27.6 41.4

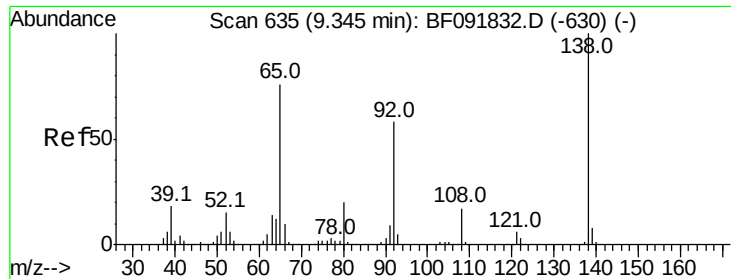


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





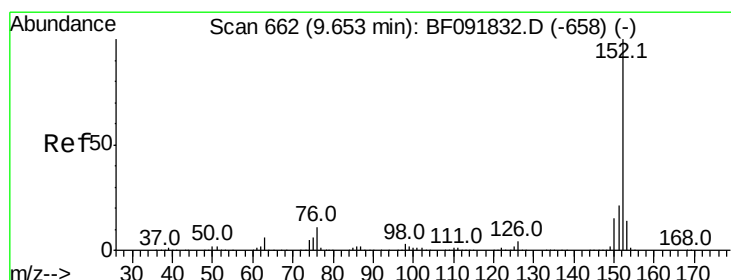
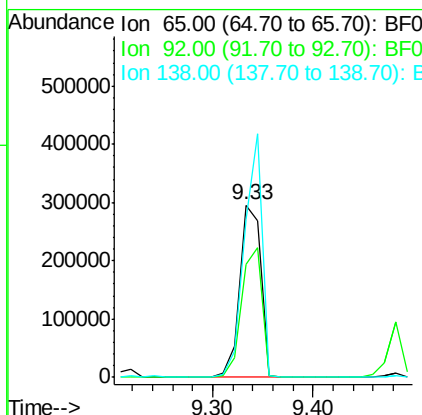
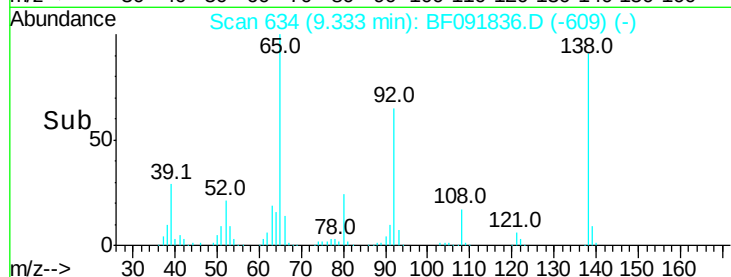
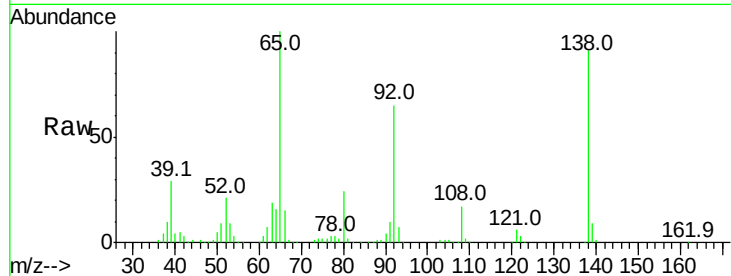
#47
2-Nitroaniline
Concen: 39.15 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion: 65 Resp: 432482
Ion Ratio Lower Upper
65 100
92 65.5 53.9 80.9
138 91.2 76.8 115.2

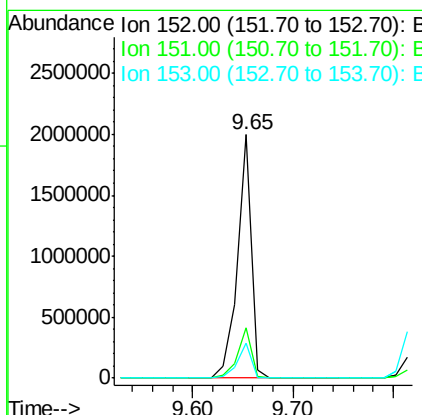
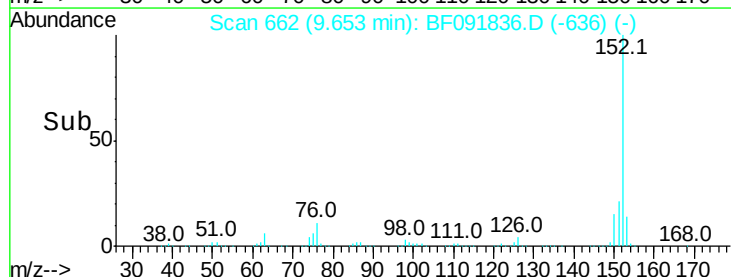
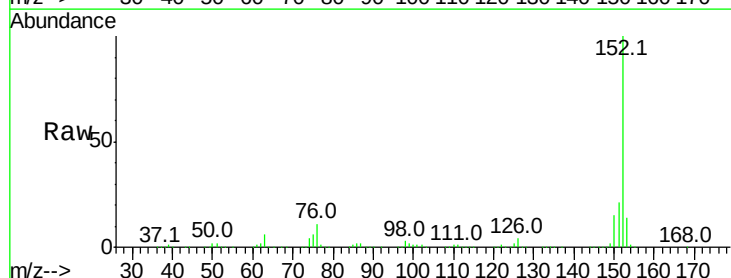
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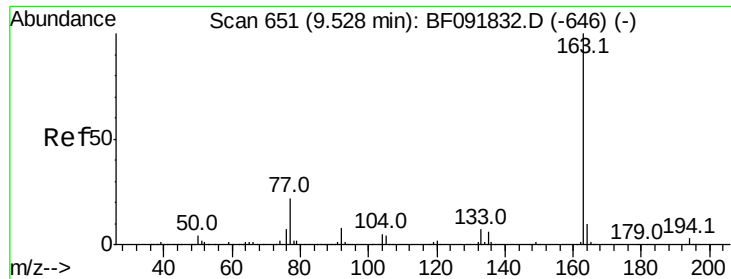
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#48
Acenaphthylene
Concen: 39.97 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion:152 Resp: 1907316
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.2 11.4 17.2





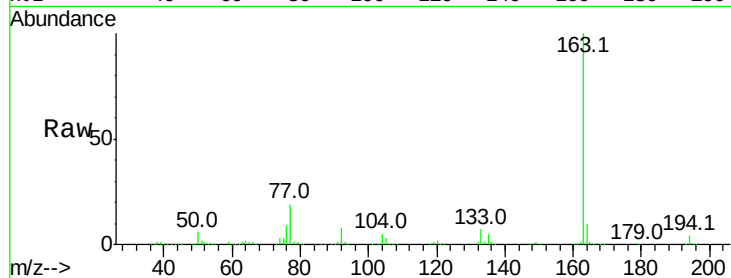
#49
Dimethylphthalate
Concen: 40.98 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

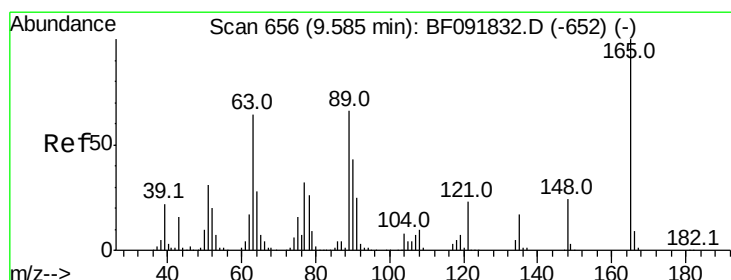
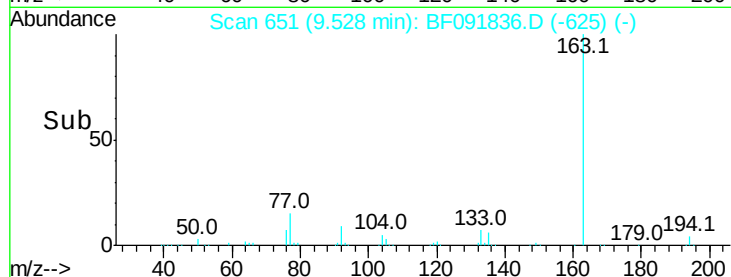
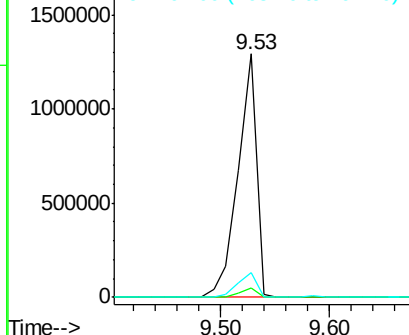
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.2	8.0	12.0

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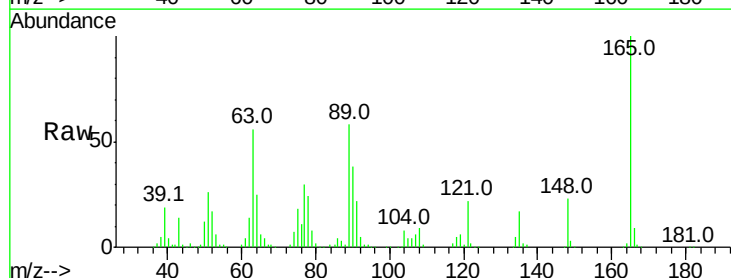


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

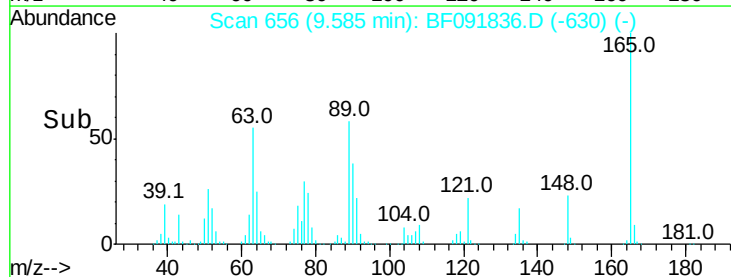
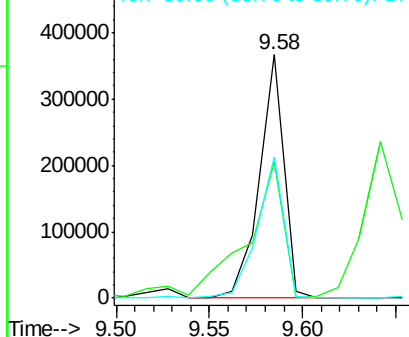


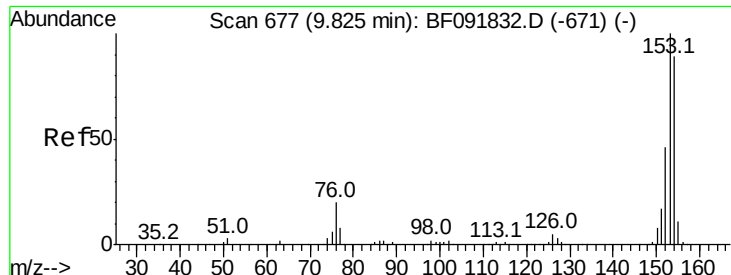
#50
2,6-Dinitrotoluene
Concen: 41.44 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.7	36.2	54.4#
89	58.0	40.2	60.4



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





#51

Acenaphthene

Concen: 37.11 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

ICVBF122116

Tot Ion:154 Resp: 1200588

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

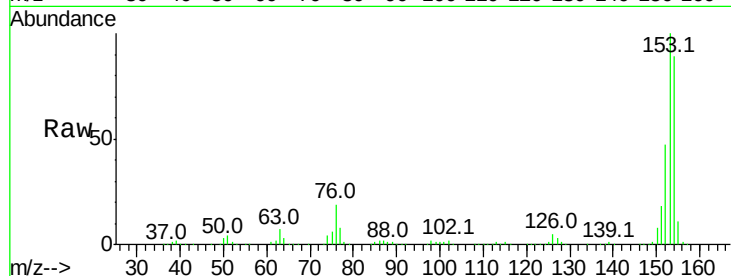
152 52.0 41.6 62.4

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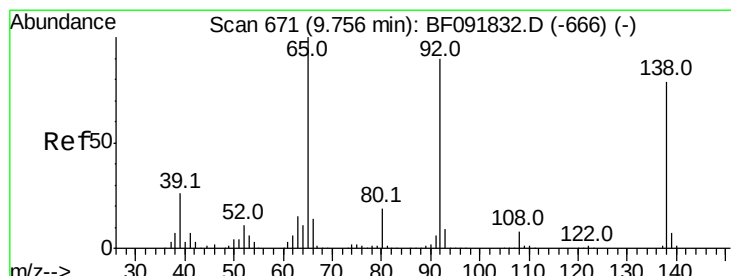
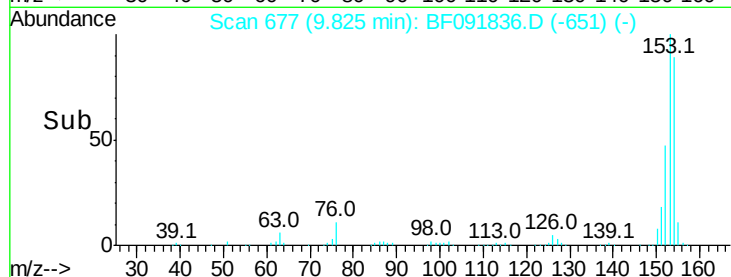
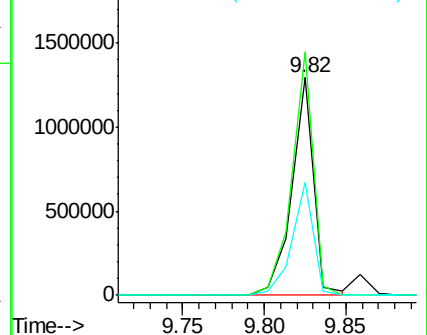
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.92 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

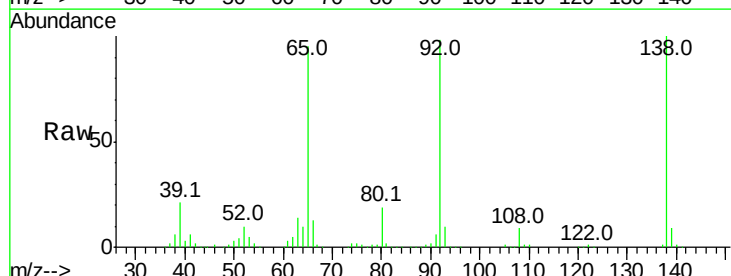
Tgt Ion:138 Resp: 435391

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

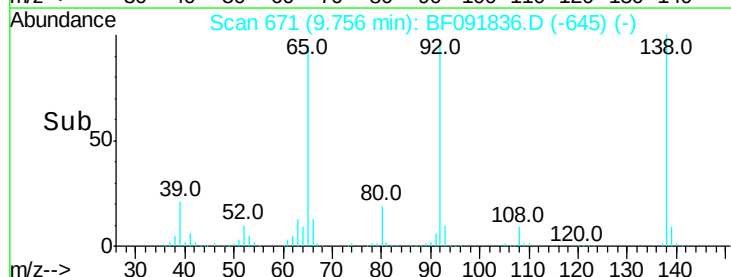
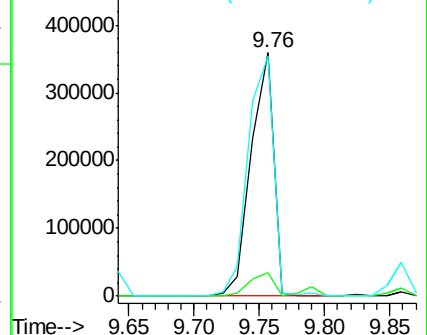
92 98.4 97.8 146.8

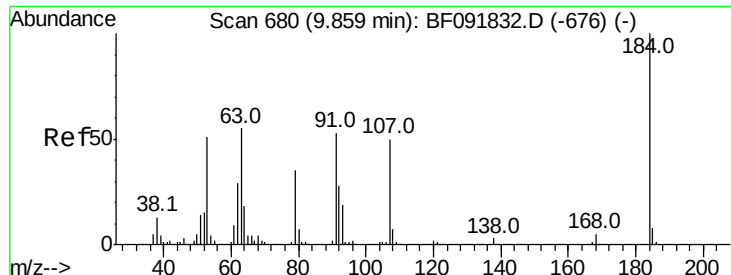


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





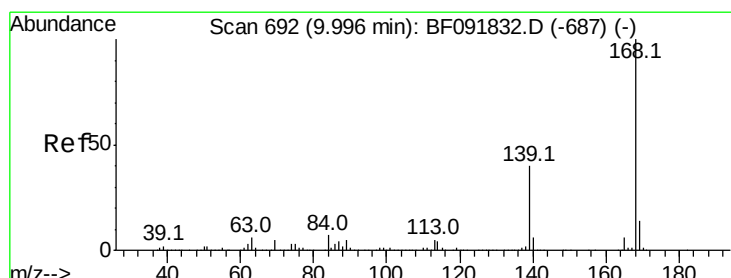
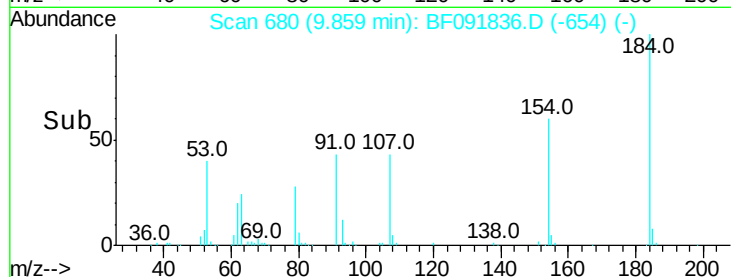
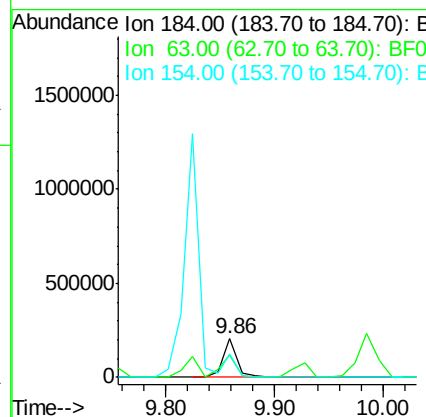
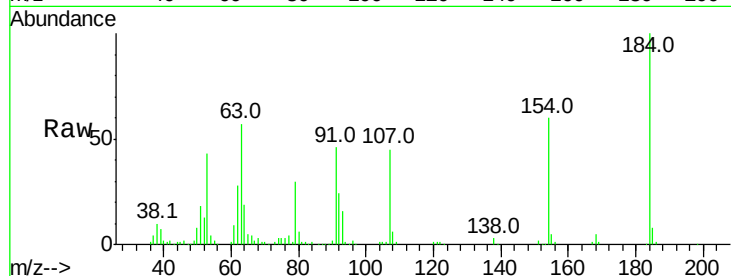
#53
 2,4-Dinitrophenol
 Concen: 42.90 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122116

Tot Ion	Ratio	Resp	Lower	Upper
184	100	191208		
63	57.3	28.4	42.6#	
154	60.4	44.3	66.5	

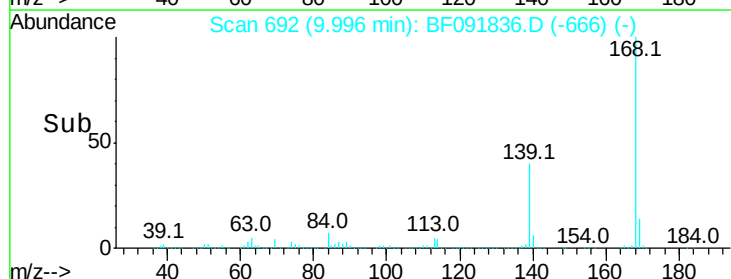
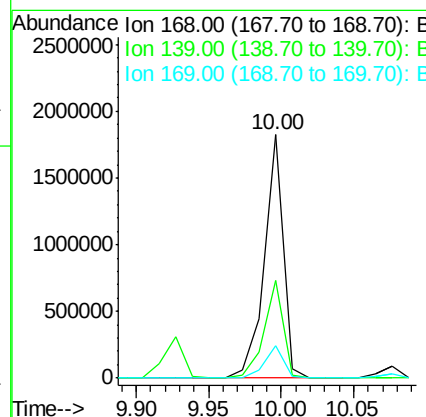
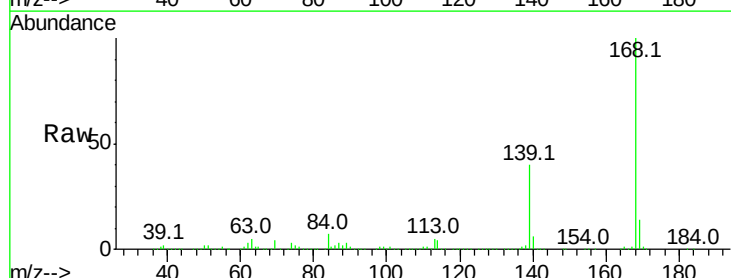
Manual Integrations
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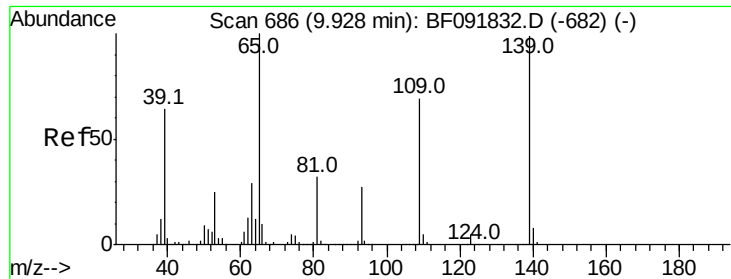
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#54
 Dibenzofuran
 Concen: 37.67 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1646038		
139	40.3	32.6	49.0	
169	13.5	11.3	16.9	





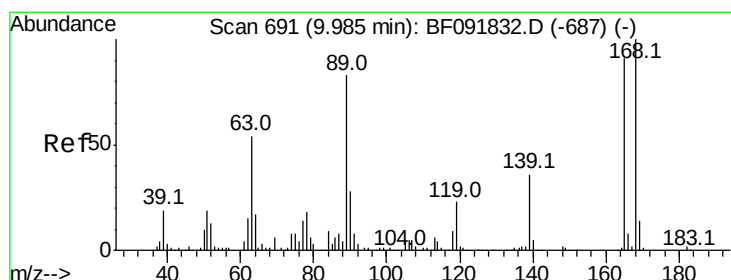
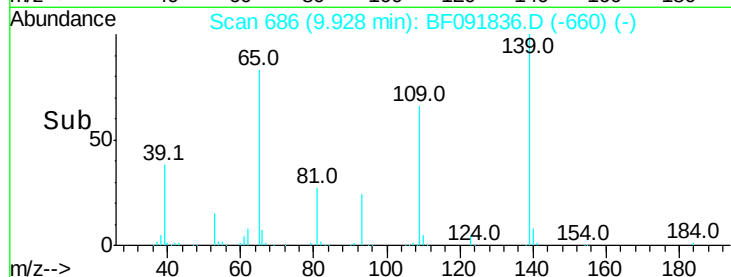
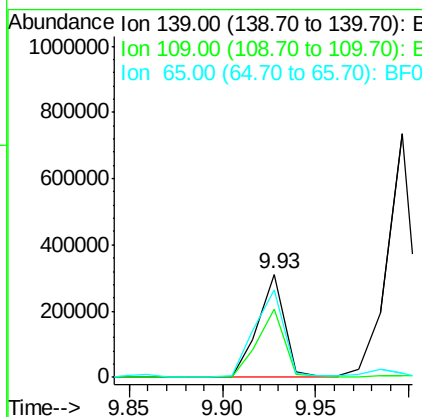
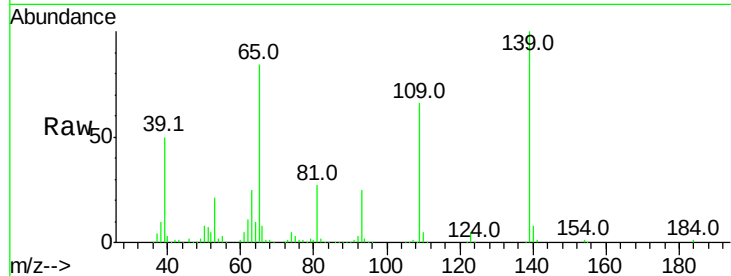
#55
4-Nitrophenol
Concen: 46.02 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.8	52.2	92.2	
65	84.1	85.8	125.8	

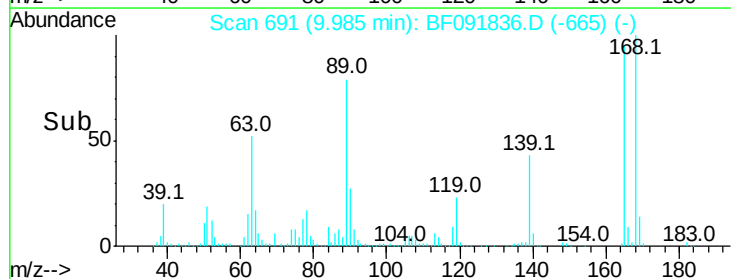
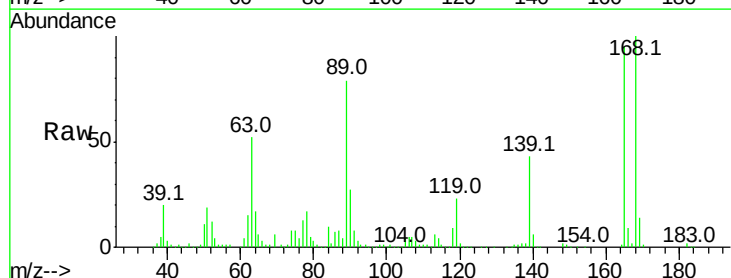
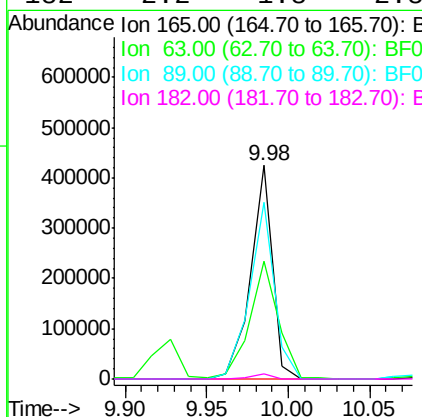
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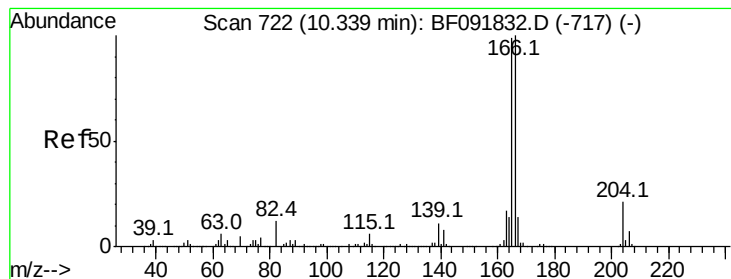
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#56
2,4-Dinitrotoluene
Concen: 39.30 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.9	40.2	60.4	
89	83.0	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 41.87 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

ICVBF122116

Tot Ion:166 Resp: 1330963

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

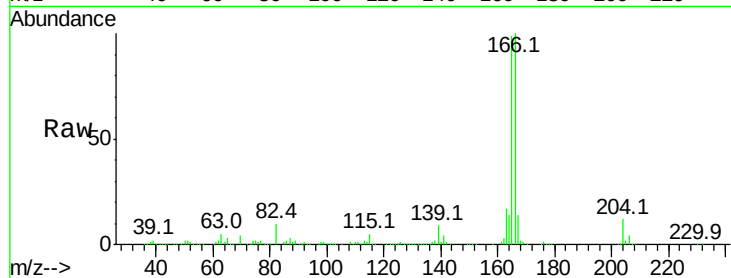
167 13.6 10.8 16.2

Manual Integrations

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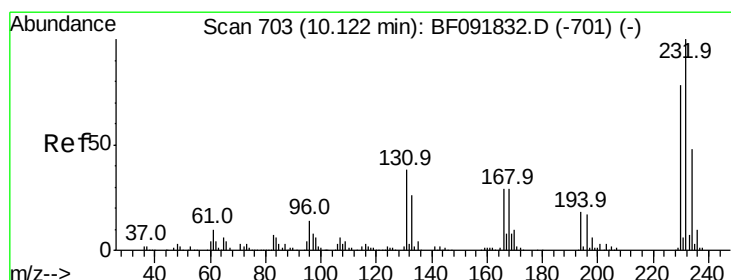
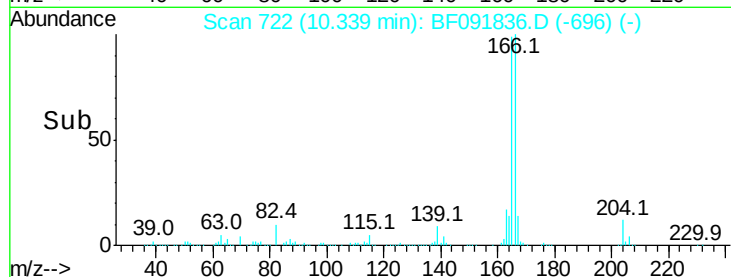
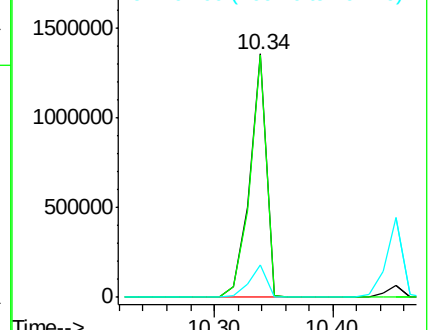
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.54 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Tgt Ion:232 Resp: 325430

Ion Ratio Lower Upper

232 100

131 47.4 40.1 60.1

130 2.4 1.8 2.8

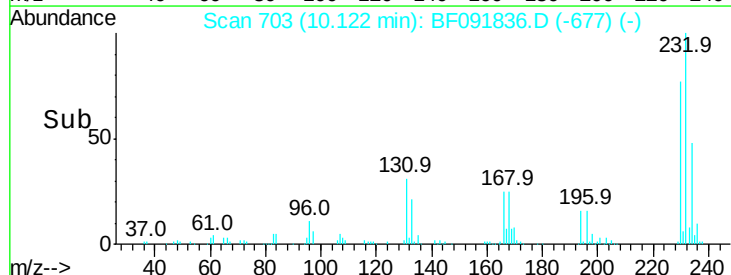
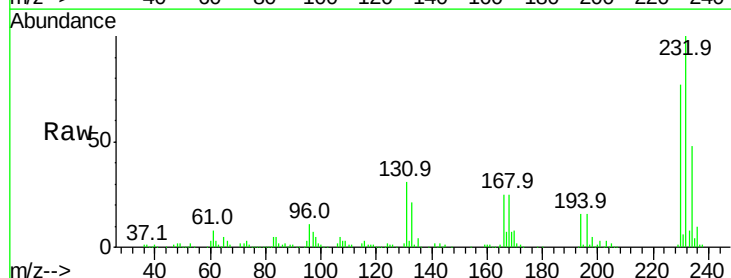
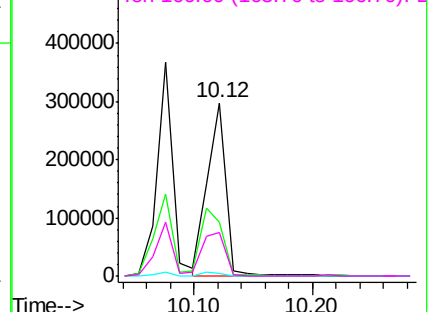
166 32.2 26.6 39.8

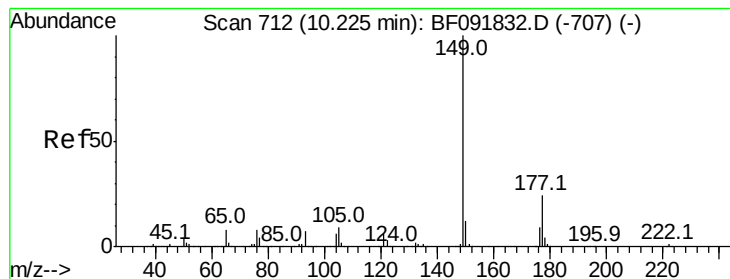
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.19 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

ICVBF122116

Tot Ion:149 Resp: 1357538

Ion Ratio Lower Upper

149 100

177 20.6 16.6 25.0

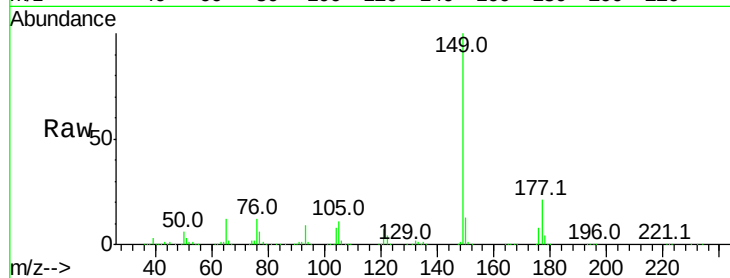
150 12.8 10.4 15.6

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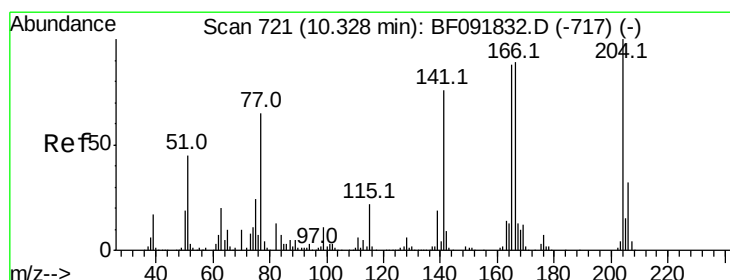
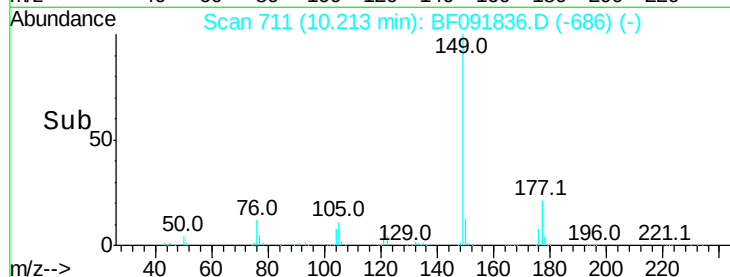
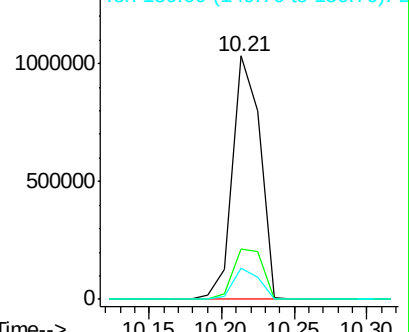
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.41 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

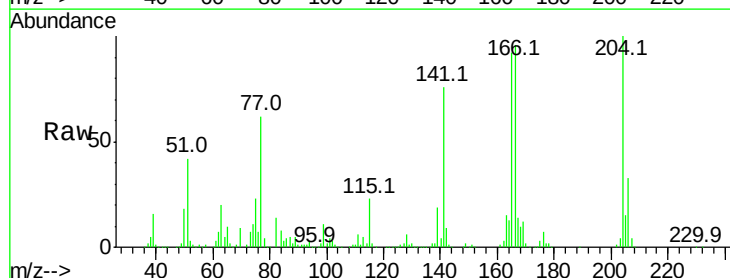
Tgt Ion:204 Resp: 506727

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.6

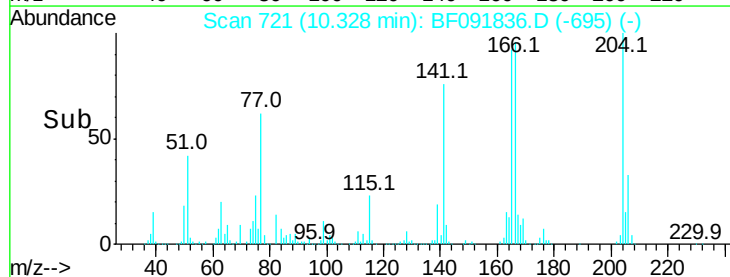
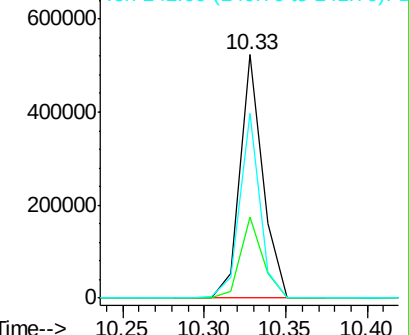
141 75.9 59.4 89.0

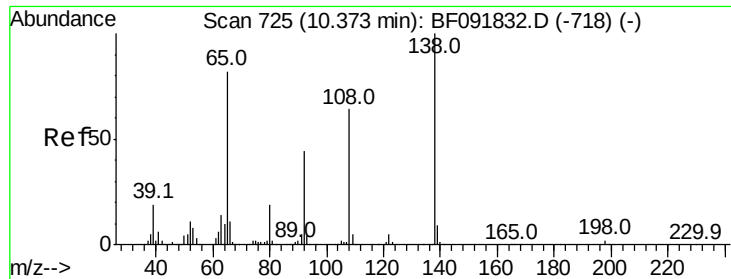


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





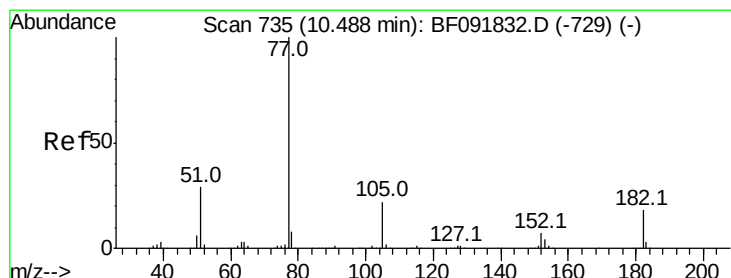
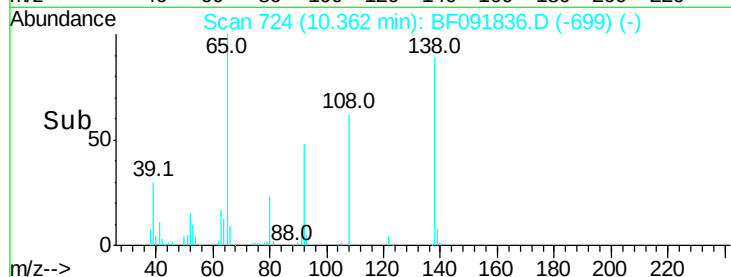
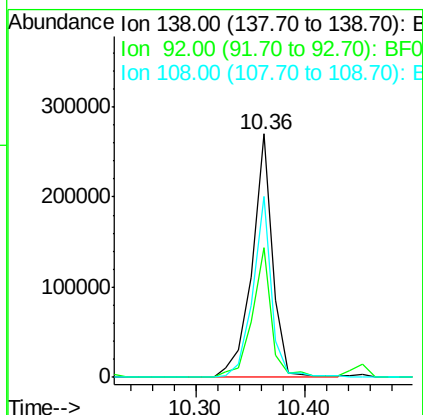
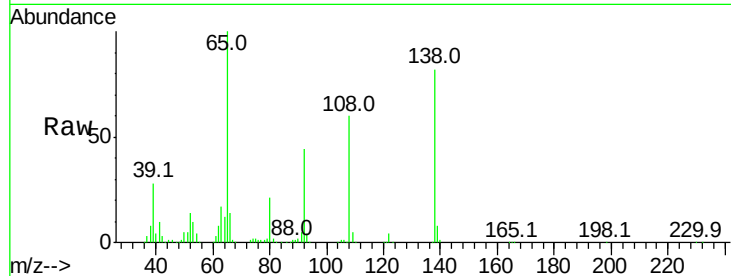
#61
4-Nitroaniline
Concen: 34.88 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.4	31.7	71.7
108	74.1	52.6	92.6

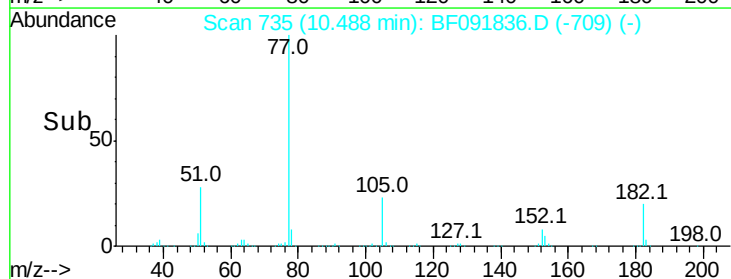
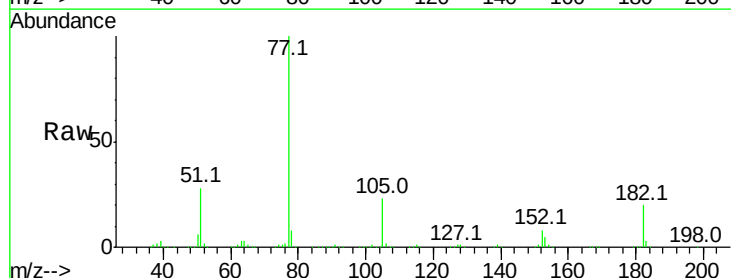
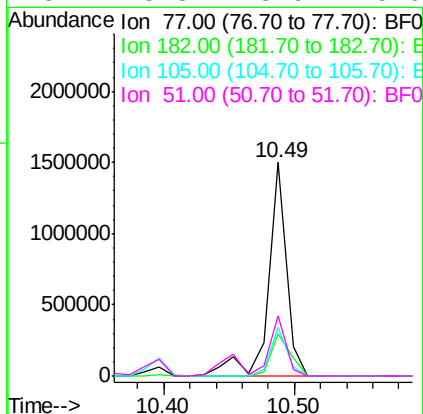
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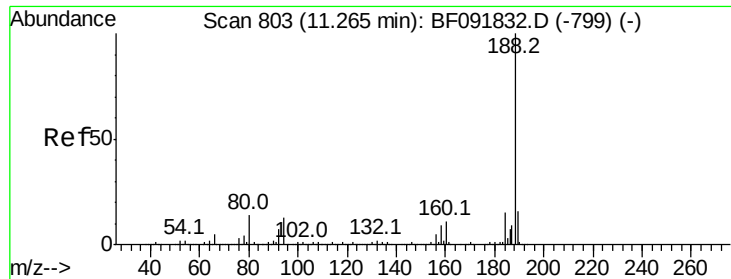
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#62
Azobenzene
Concen: 37.95 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.1	0.0	39.3
105	22.9	2.3	42.3
51	28.3	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

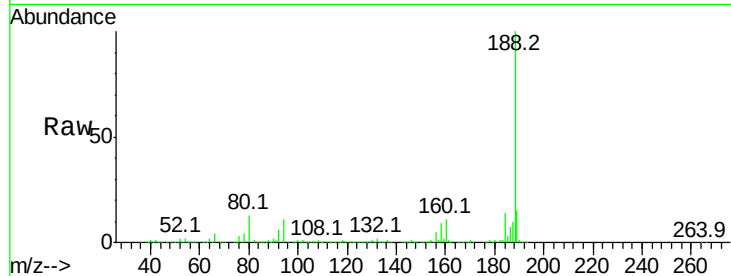
ClientSampleId :

ICVBF122116

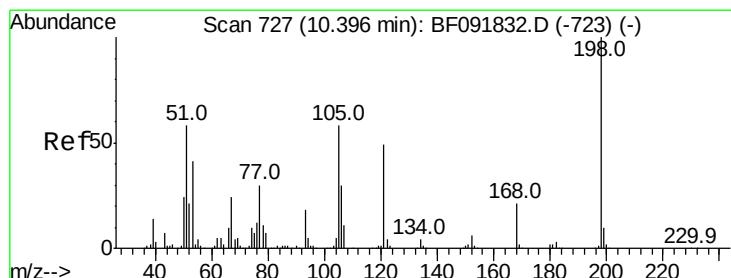
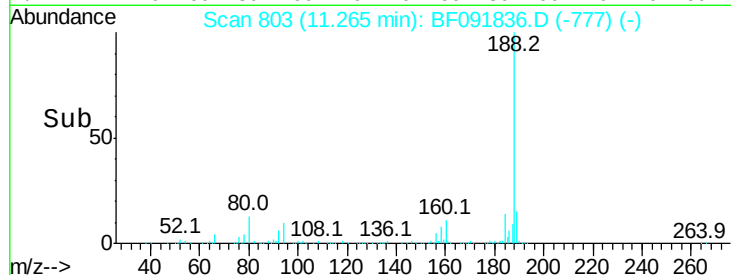
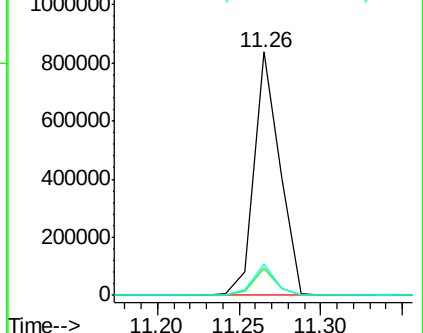
Tot Ion:188	Resp:	912107
Ion Ratio	Lower	Upper
188 100		
94 11.3	10.0	15.0
80 12.7	11.2	16.8

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 46.04 ng

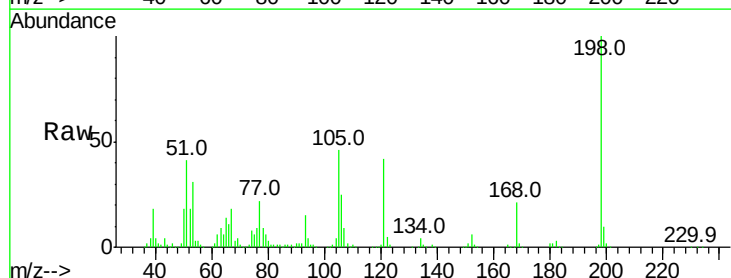
RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

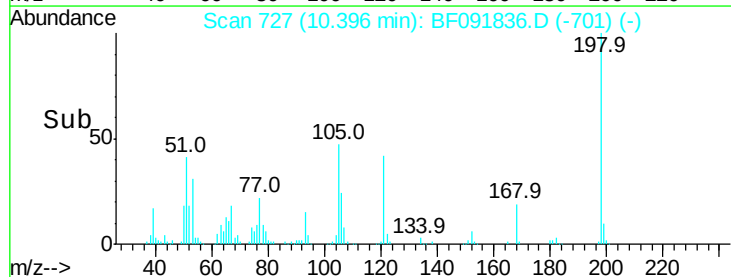
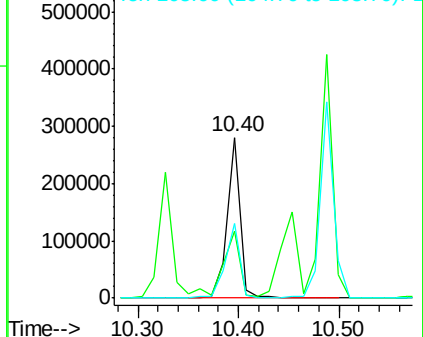
Lab File: BF091836.D

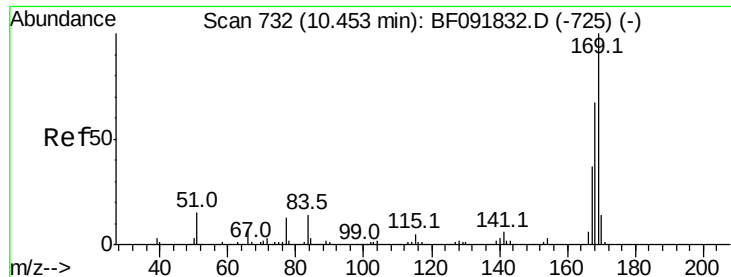
Acq: 21 Dec 2016 15:28

Tgt Ion:198	Resp:	253951
Ion Ratio	Lower	Upper
198 100		
51 41.3	6.7	46.7
105 46.3	16.6	56.6



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.57 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

ICVBF122116

Tot Ion:169 Resp: 1152068

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

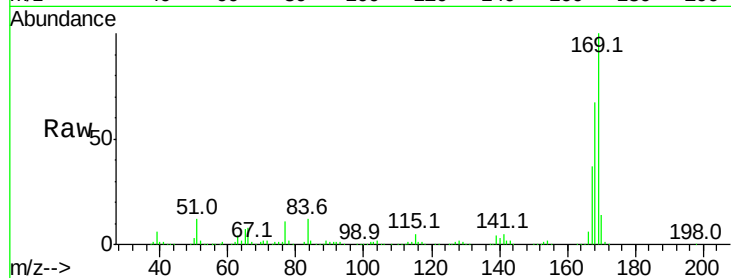
167 36.8 30.2 45.4

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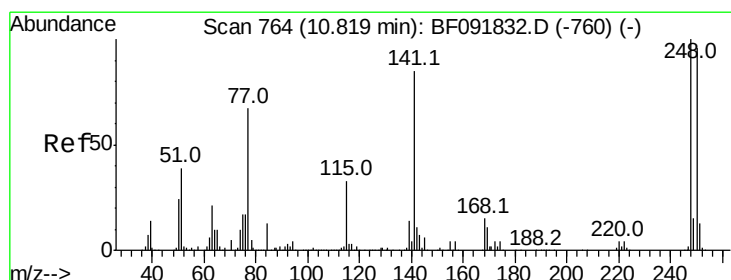
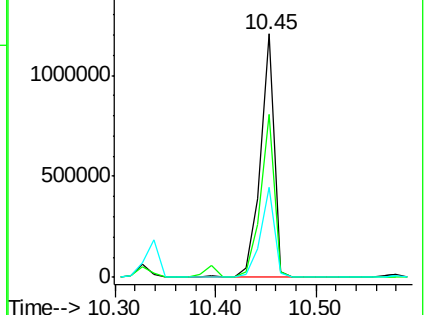
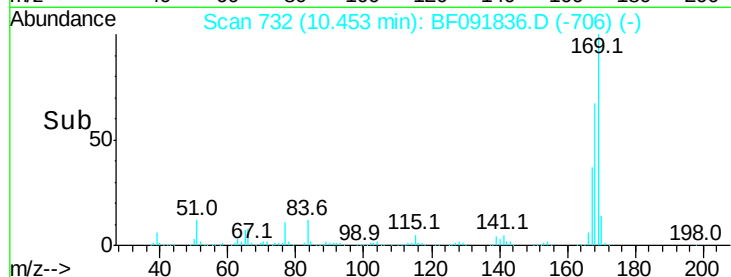
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.84 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

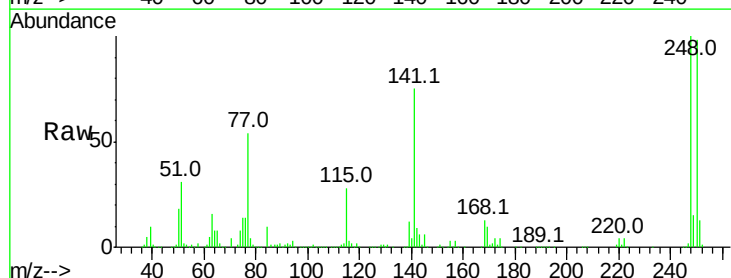
Tgt Ion:248 Resp: 377990

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

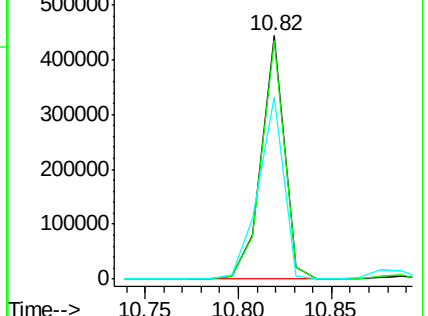
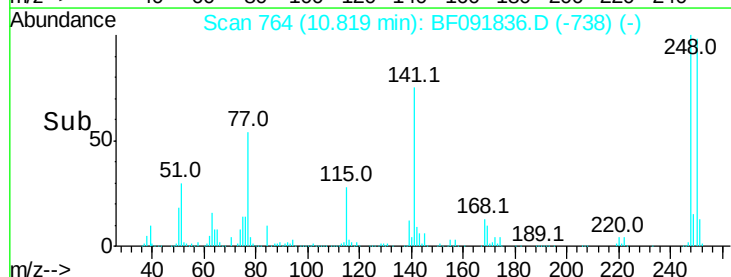
141 75.0 68.2 102.4

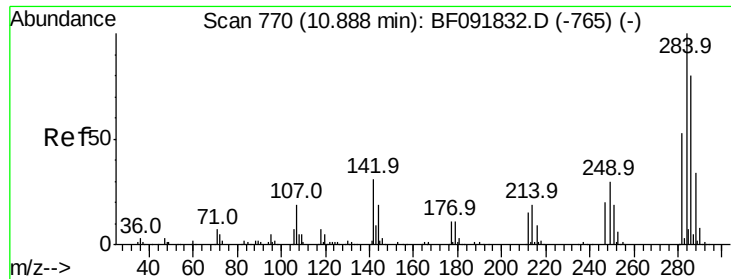


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.44 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

ICVBF122116

Tot Ion:284 Resp: 410166

Ion Ratio Lower Upper

284 100

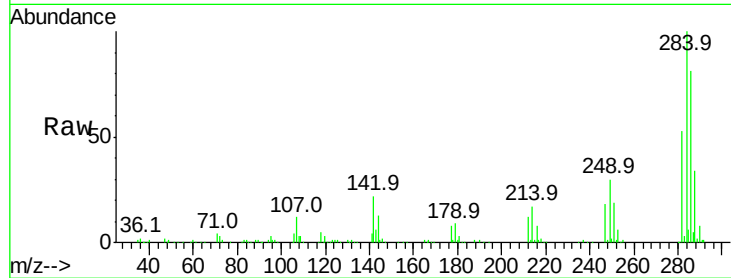
142 22.2 22.6 33.8#

249 30.4 25.4 38.0

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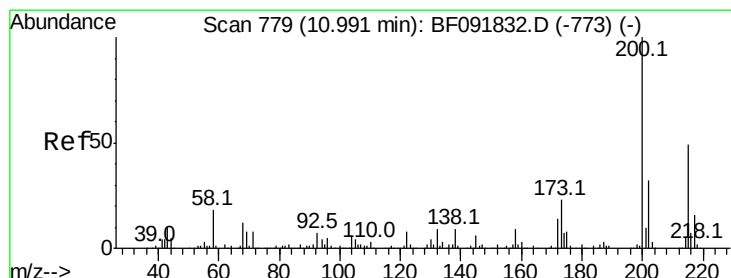
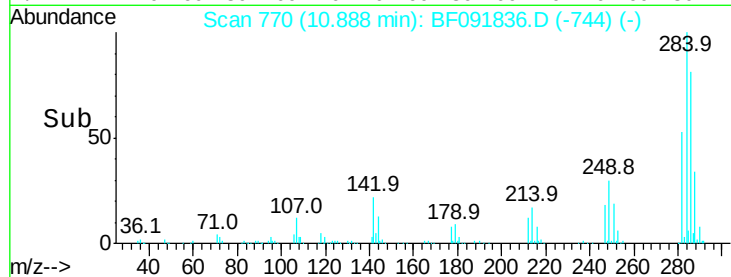
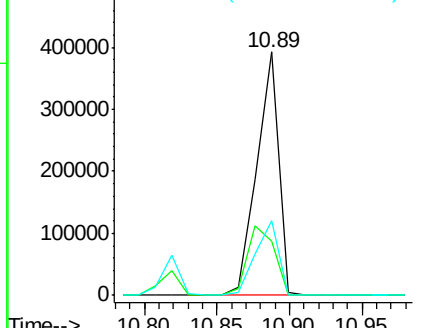
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.99 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

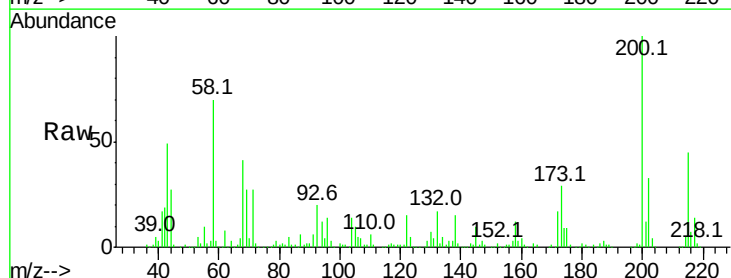
Tgt Ion:200 Resp: 288017

Ion Ratio Lower Upper

200 100

173 28.5 9.6 49.6

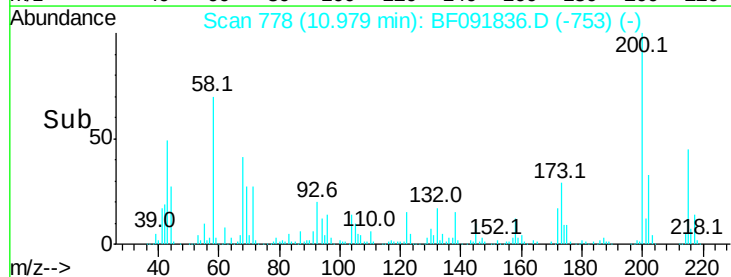
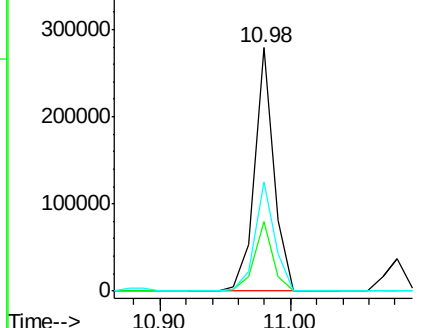
215 44.6 25.7 65.7

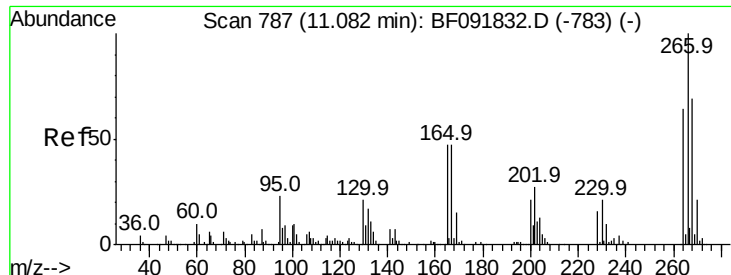


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





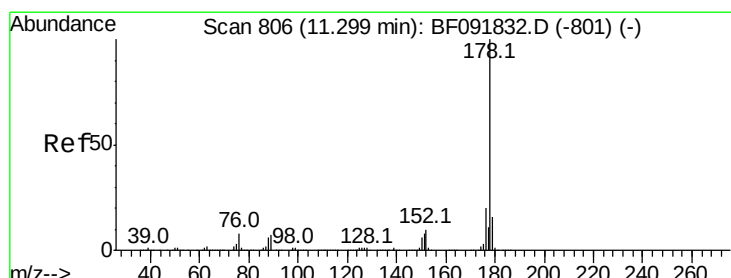
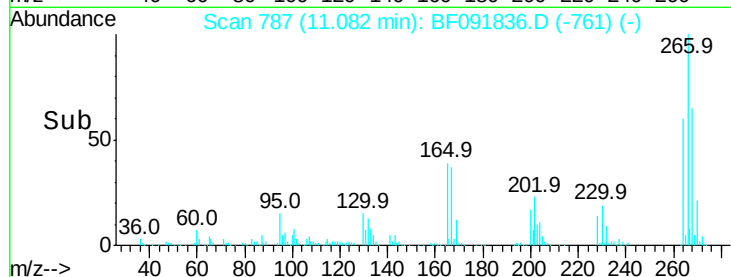
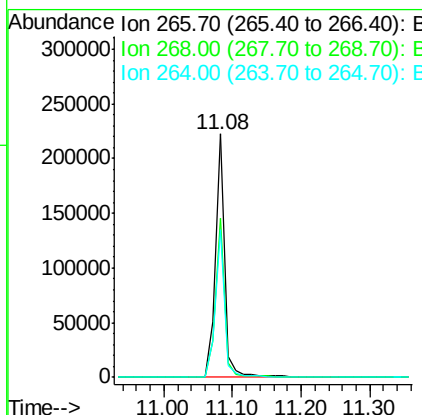
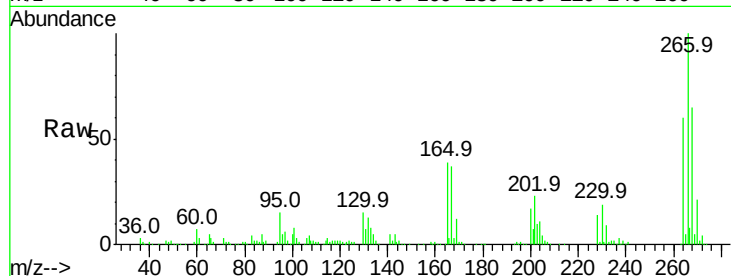
#69
 Pentachlorophenol
 Concen: 43.37 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122116

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	53.3	79.9
264	60.4	50.3	75.5

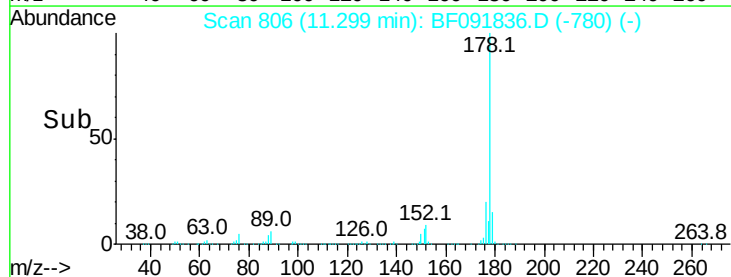
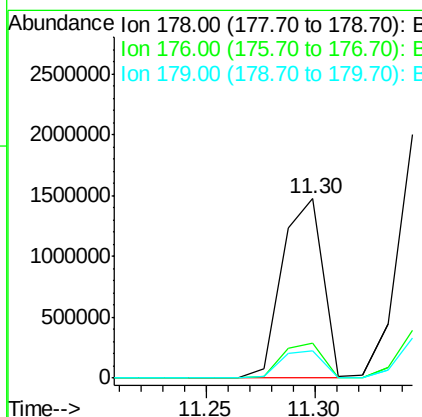
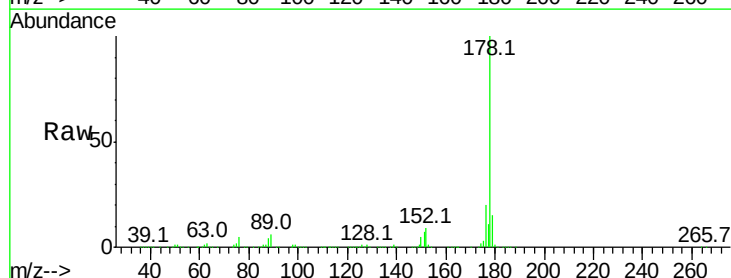
Manual Integrations
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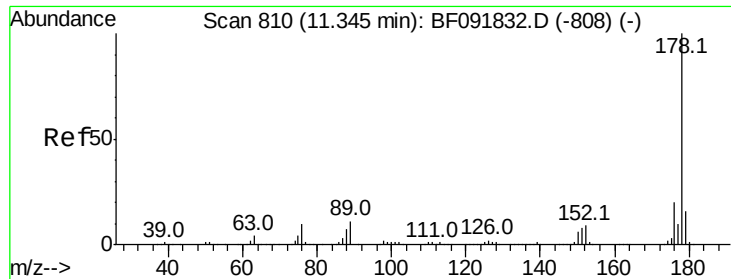
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#70
 Phenanthrene
 Concen: 38.90 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	15.5	12.8	19.2





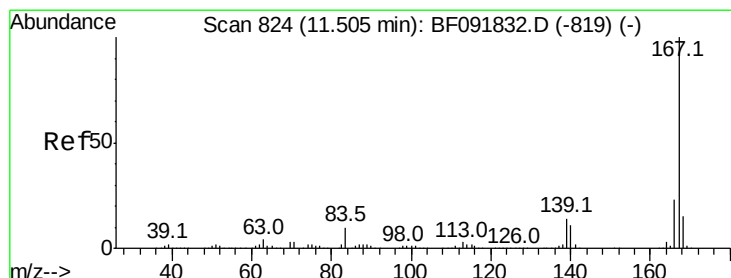
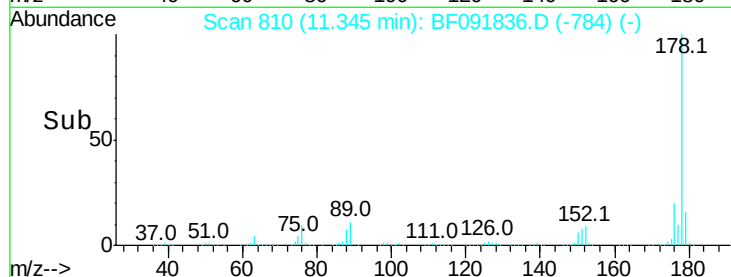
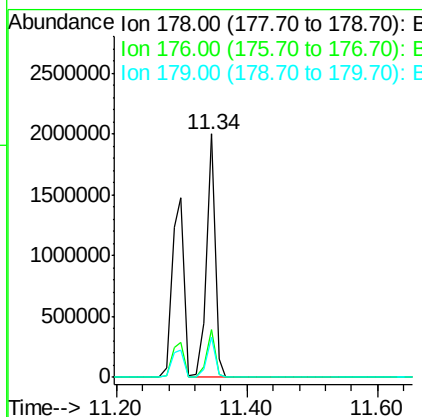
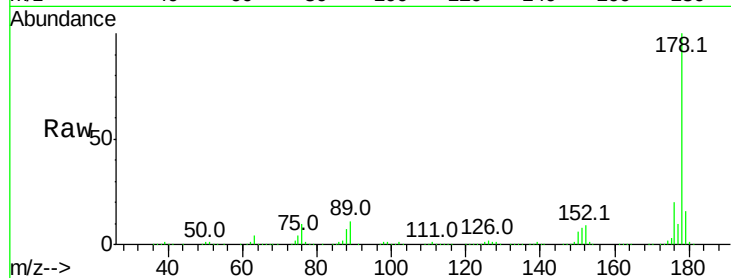
#71
 Anthracene
 Concen: 39.80 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122116

Tot Ion:178 Resp: 1815129
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.3 13.2 19.8

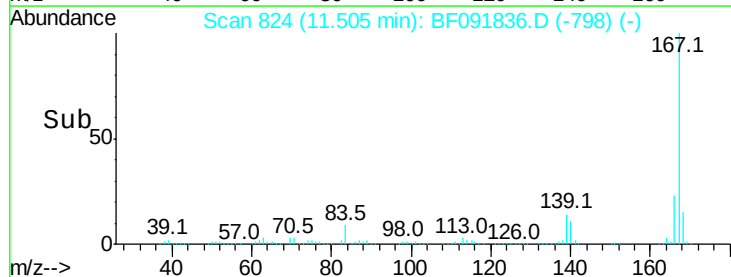
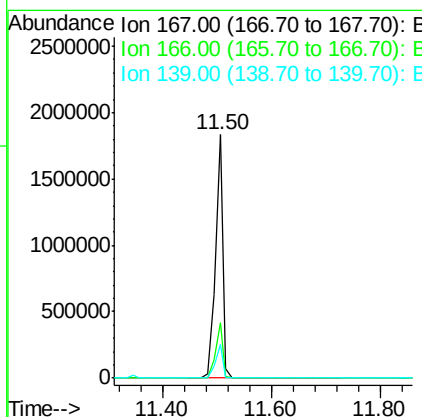
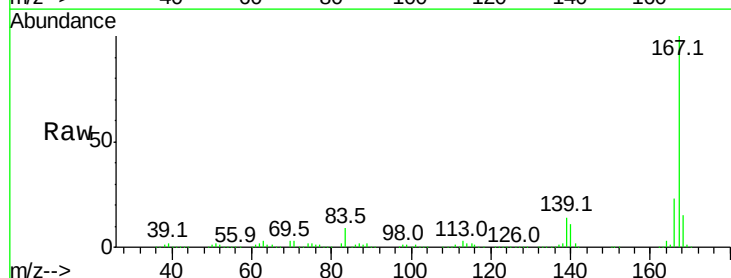
Manual Integrations
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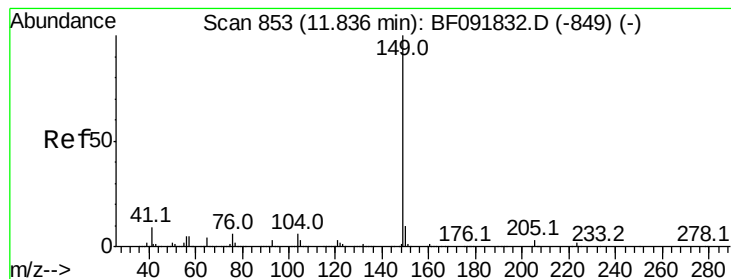
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#72
 Carbazole
 Concen: 42.82 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Tgt Ion:167 Resp: 1781814
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.9 11.4 17.2





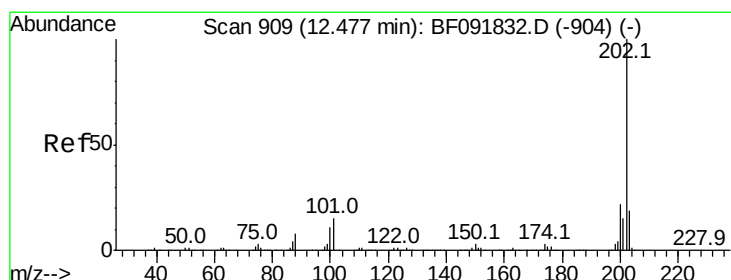
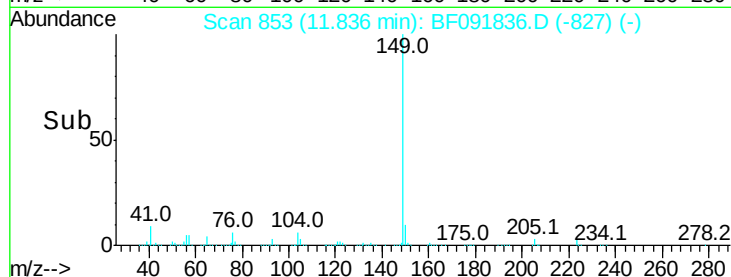
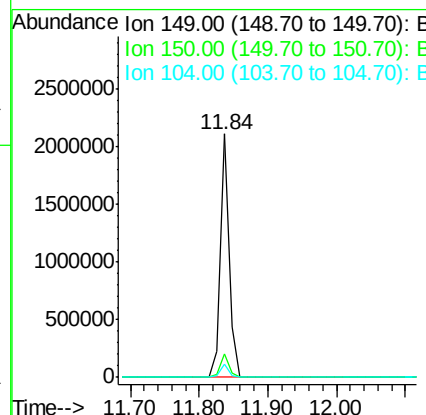
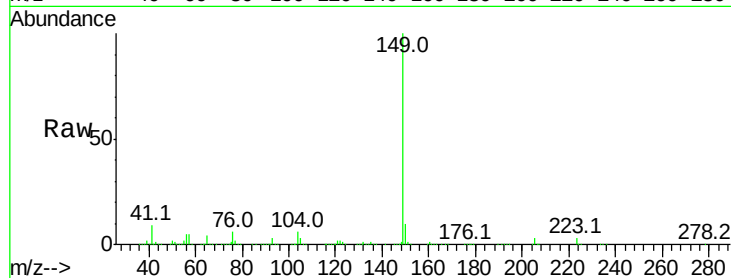
#73
Di-n-butylphthalate
Concen: 40.35 ng
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.6	4.6	7.0

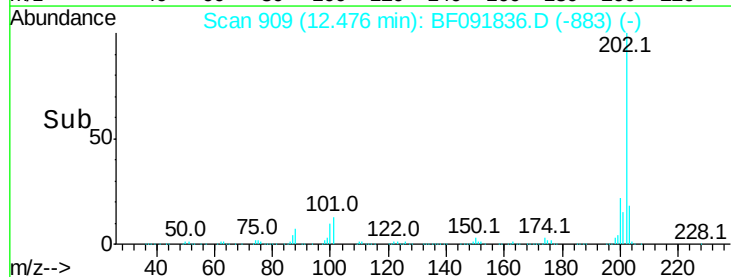
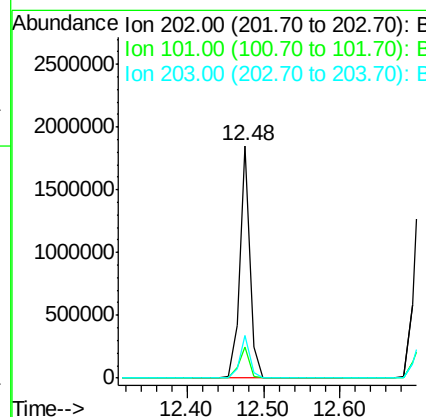
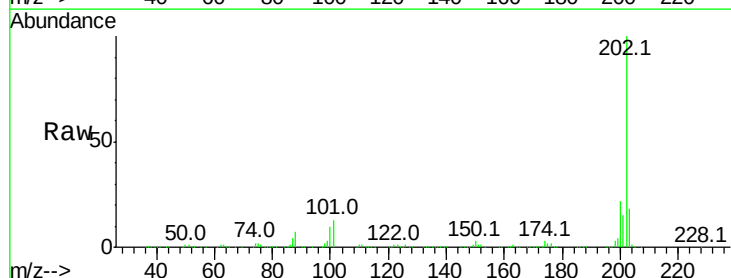
Manual Integrations
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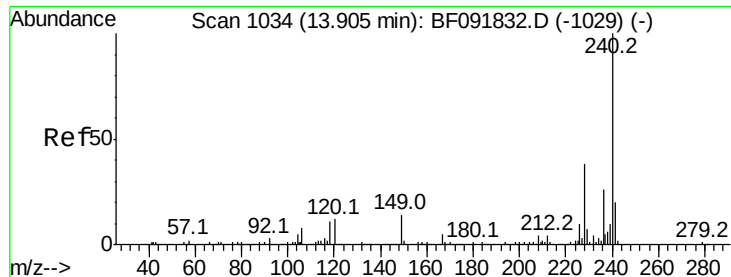
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#74
Fluoranthene
Concen: 39.91 ng
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.6
203	18.5	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

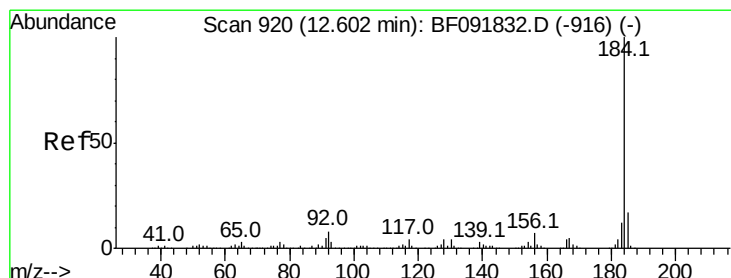
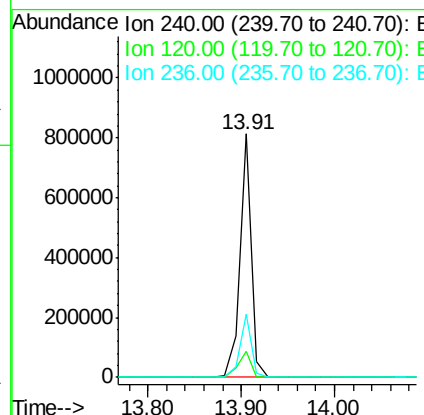
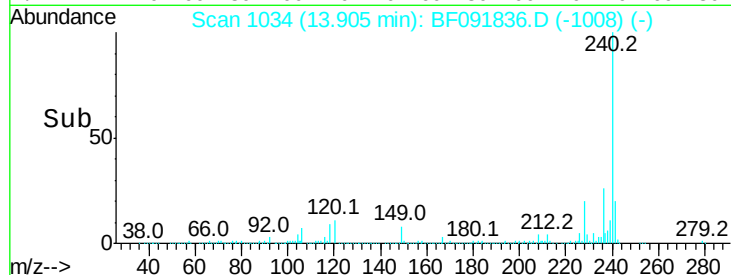
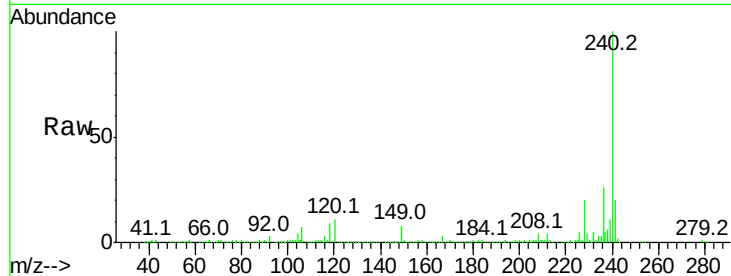
ClientSampleId :

ICVBF122116

Tot Ion:	240	Resp:	700763
Ion Ratio		Lower	Upper
240	100		
120	10.5	12.9	19.3#
236	25.8	20.9	31.3

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#76

Benzidine

Concen: 35.60 ng

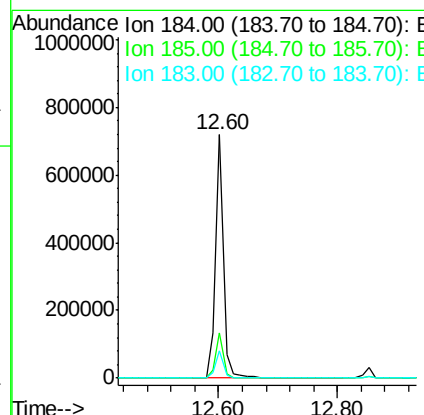
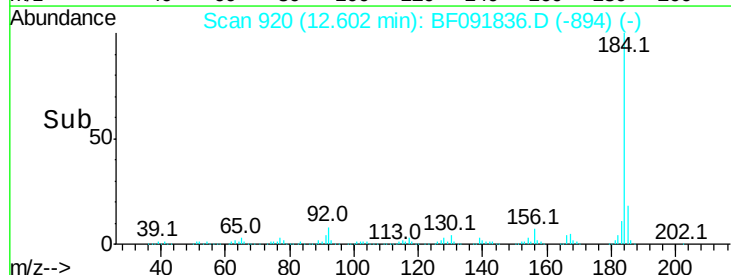
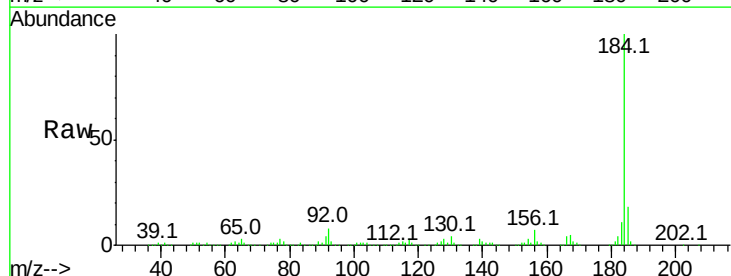
RT: 12.60 min Scan# 920

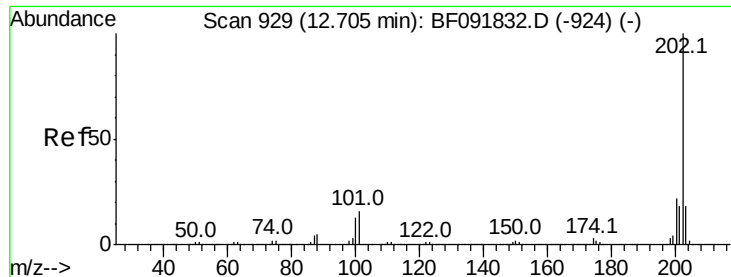
Delta R.T. 0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Tgt Ion:	184	Resp:	667909
Ion Ratio		Lower	Upper
184	100		
185	18.3	13.4	20.0
183	11.3	9.2	13.8





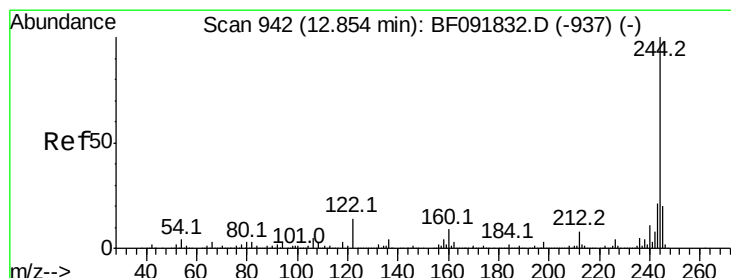
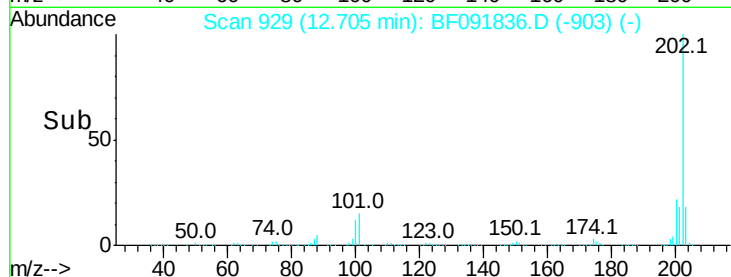
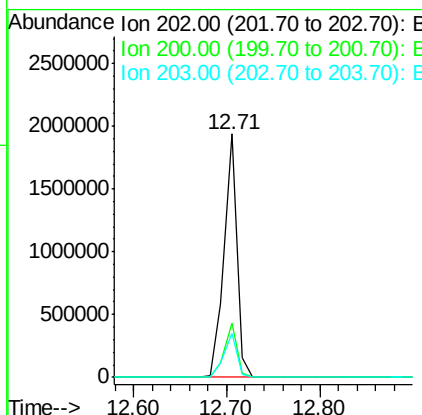
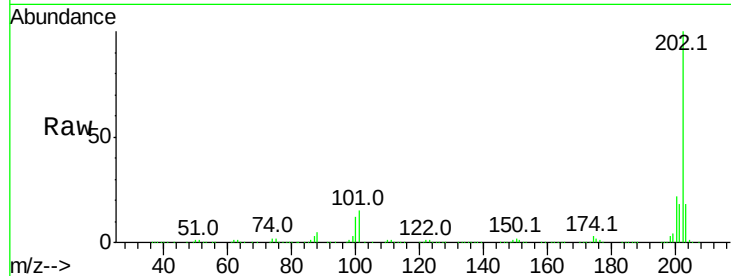
#77
Pvrene
Concen: 36.12 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion:202 Resp: 1857266
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 18.0 14.7 22.1

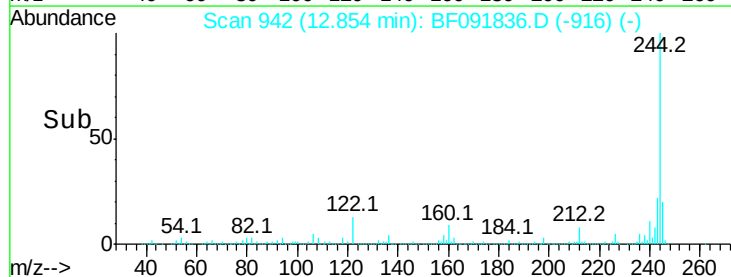
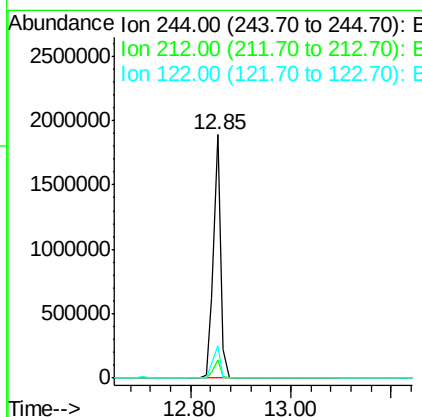
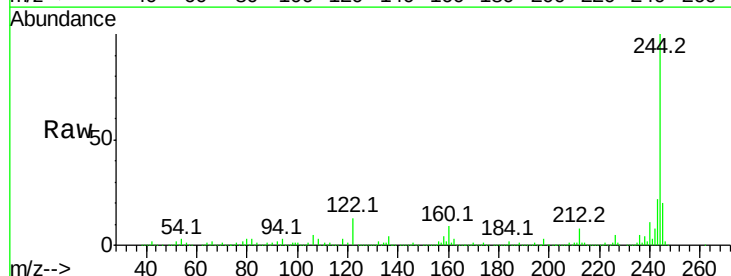
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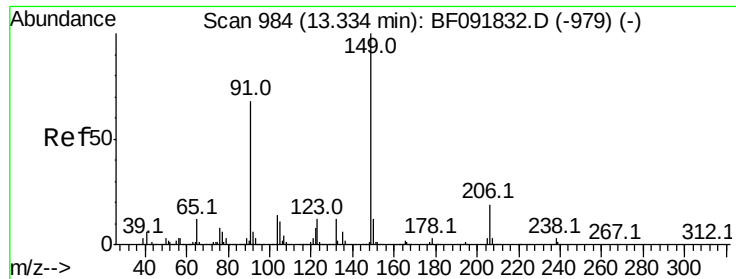
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#78
Terphenyl-d14
Concen: 65.80 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion:244 Resp: 1901212
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 13.5 11.4 17.2





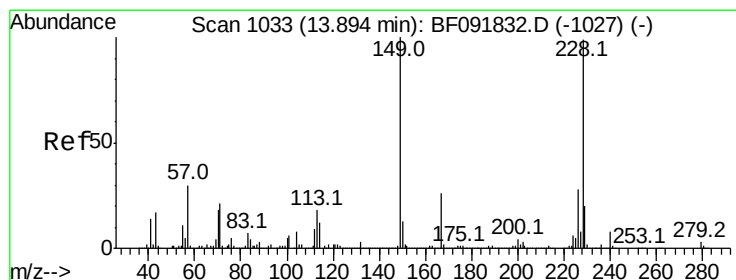
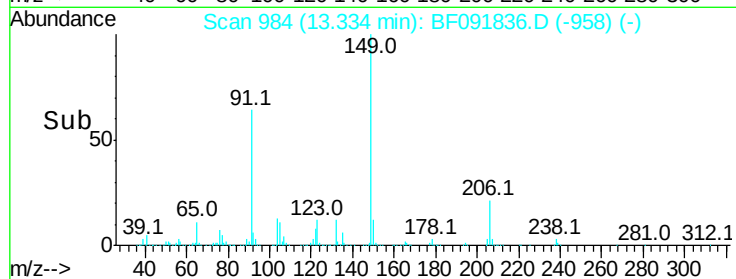
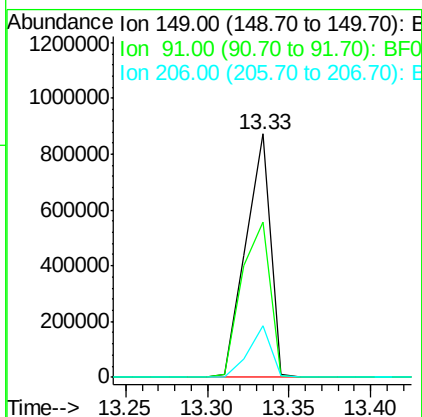
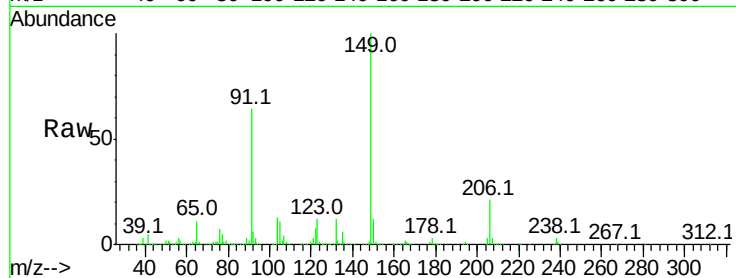
#79
Butylbenzylphthalate
Concen: 39.11 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.9	63.9	95.9#
206	20.9	14.6	21.8

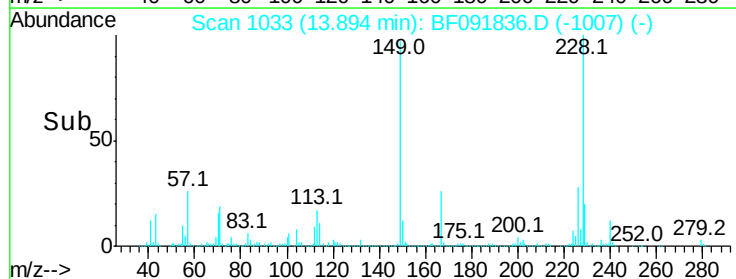
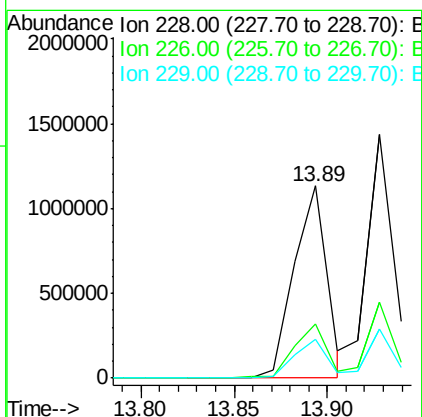
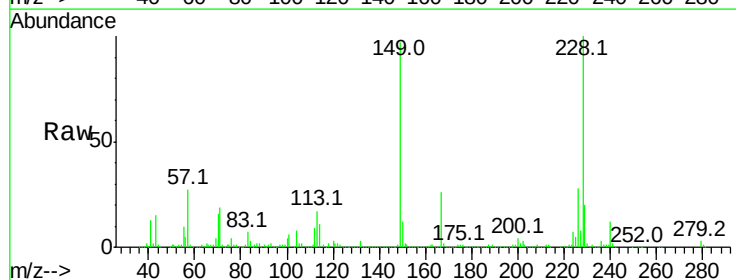
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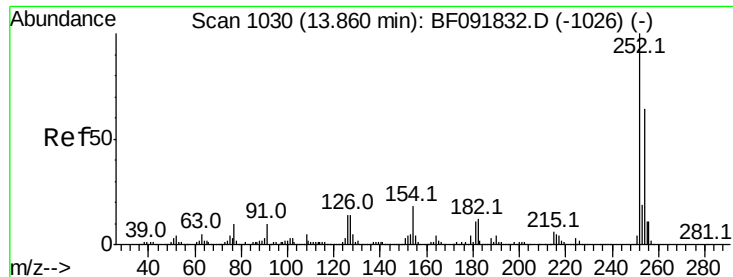
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#80
Benzo(a)anthracene
Concen: 35.21 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.3	16.2	24.4





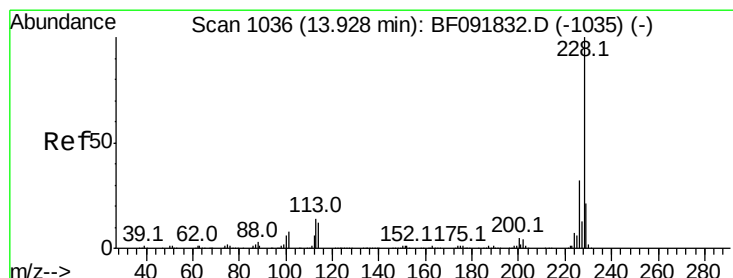
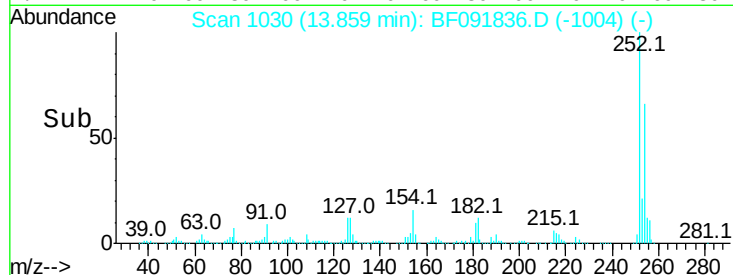
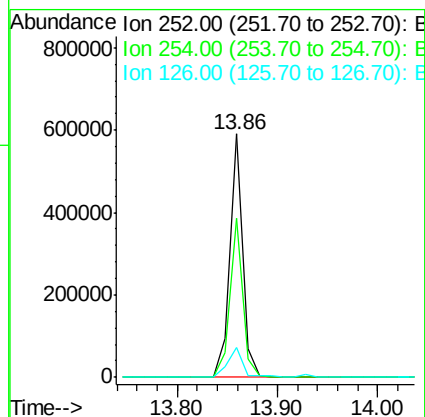
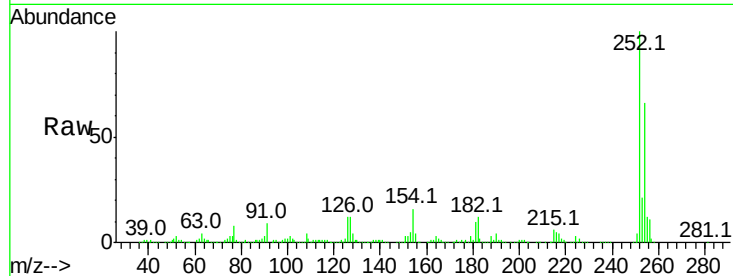
#81
 3,3'-Dichlorobenzidine
 Concen: 35.07 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122116

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	52.3	78.5
126	12.4	13.6	20.4

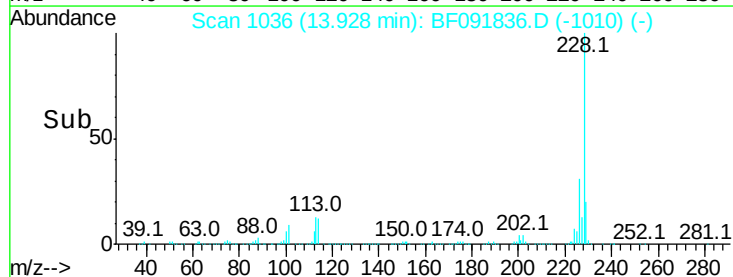
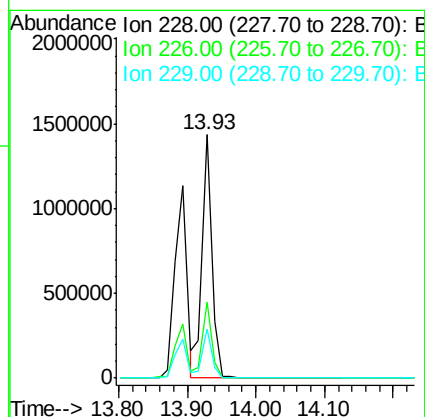
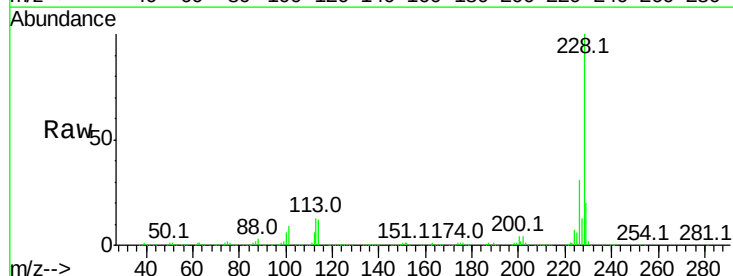
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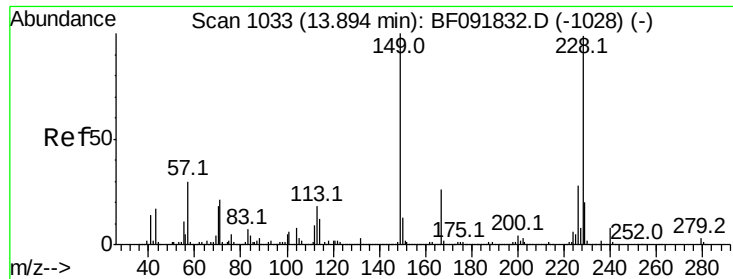
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#82
 Chrysene
 Concen: 35.07 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.2	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.93 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

ICVBF122116

Tot Ion:149 Resp: 1044428

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

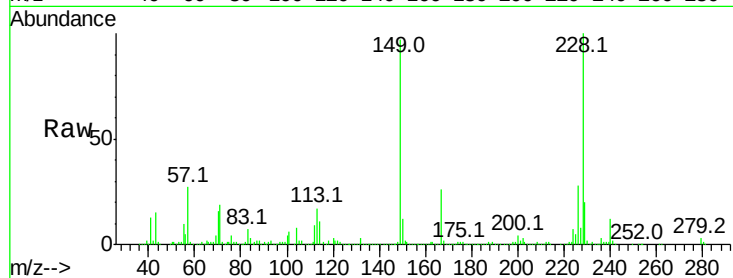
279 3.2 1.8 2.8#

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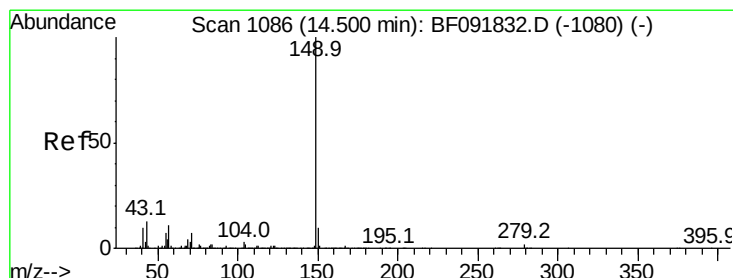
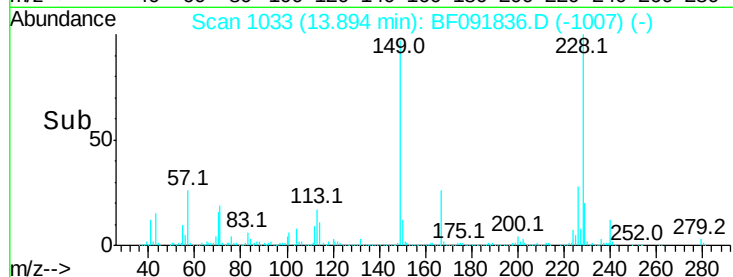
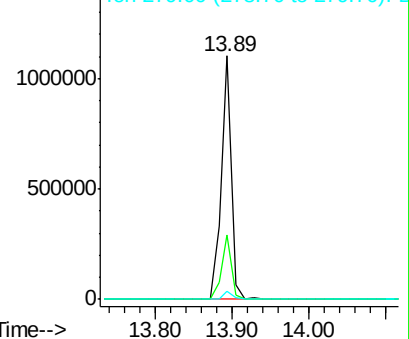
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.89 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

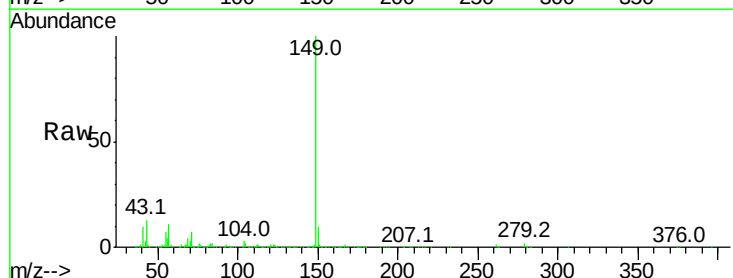
Tgt Ion:149 Resp: 1830661

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

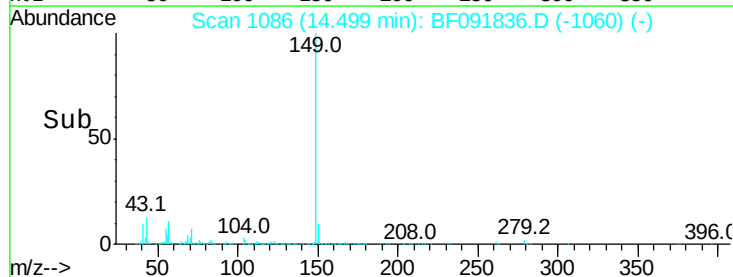
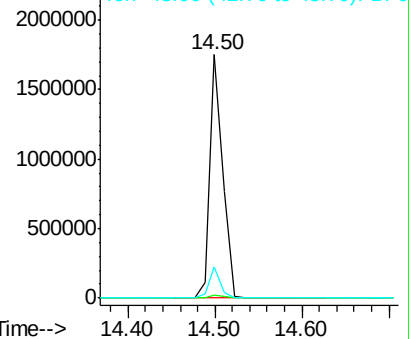
43 10.9 8.9 13.3

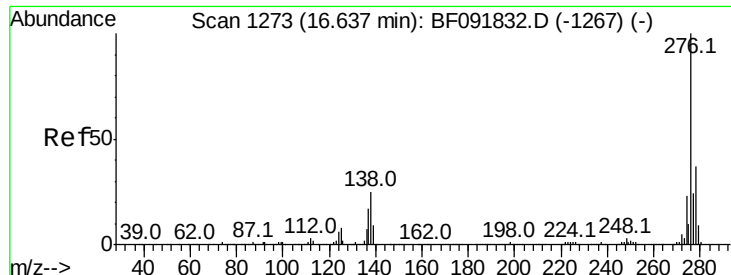


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





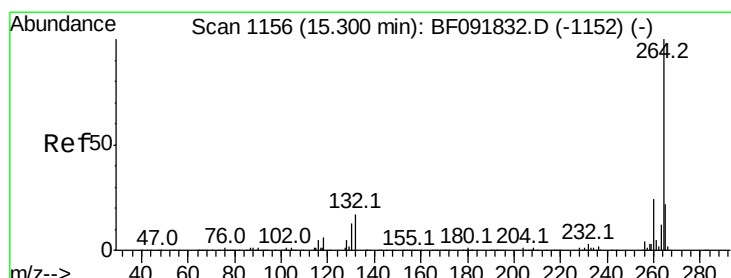
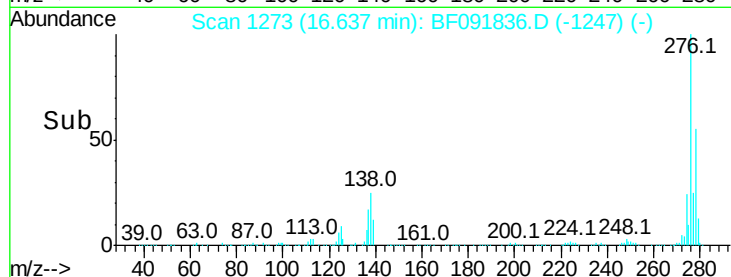
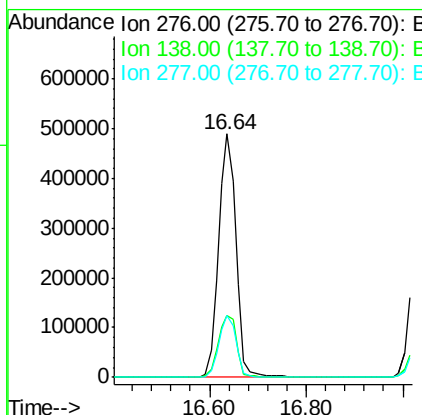
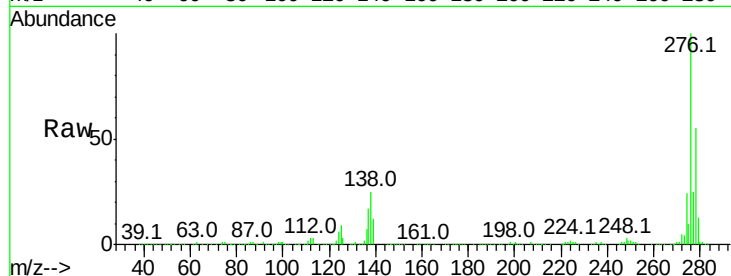
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.83 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.8	32.6
277	25.3	20.2	30.4

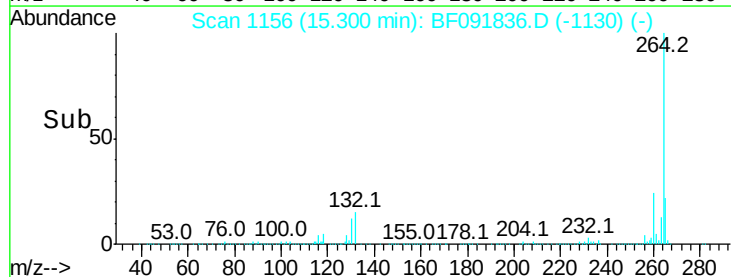
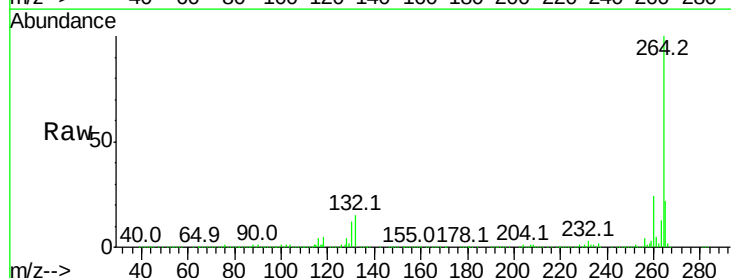
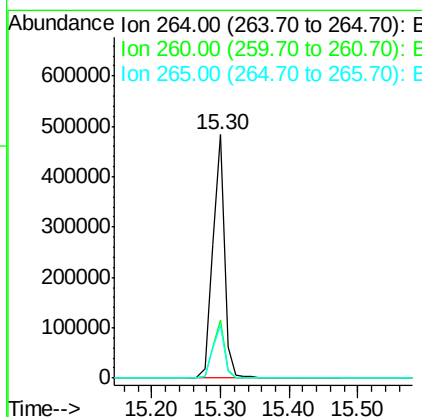
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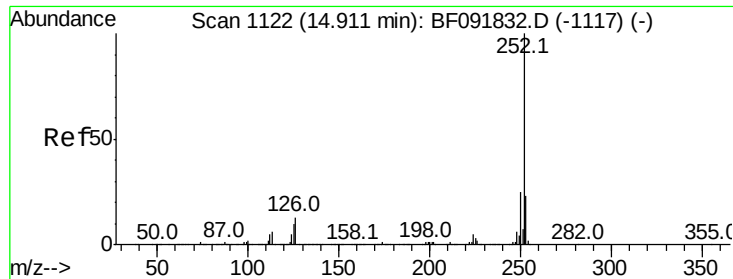
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.93 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Instrument :

BNA_F

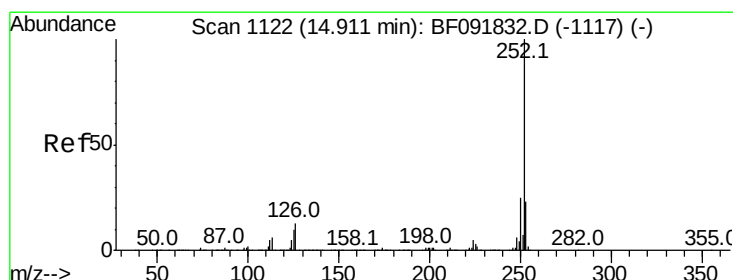
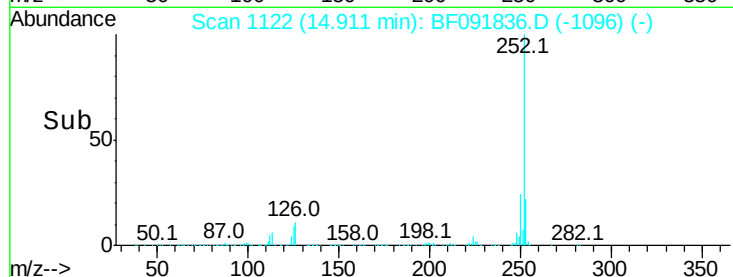
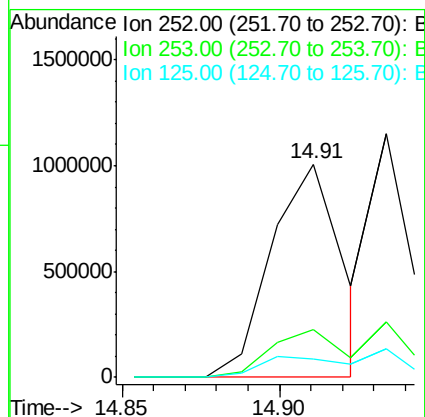
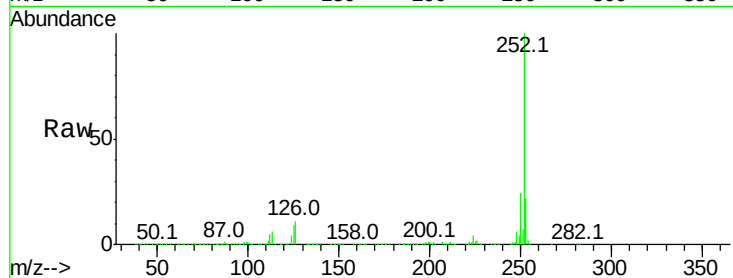
ClientSampleId :

ICVBF122116

Tot Ion:	252	Resp:	1558885
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	8.6	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 33.43 ng m

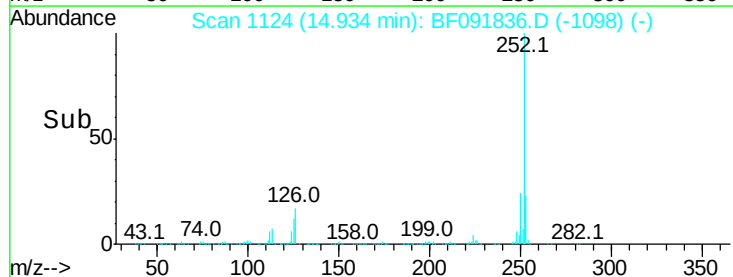
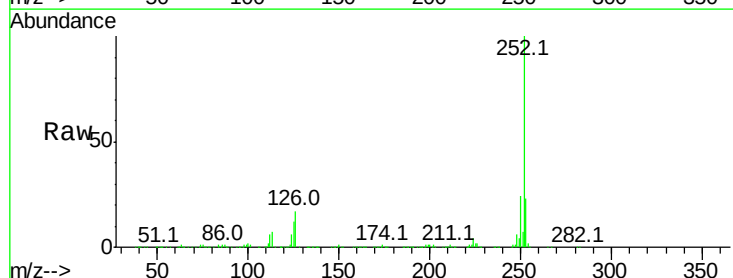
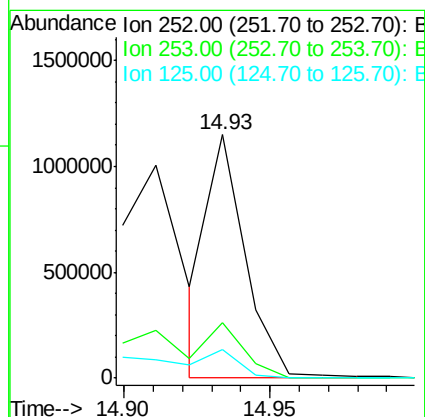
RT: 14.93 min Scan# 1124

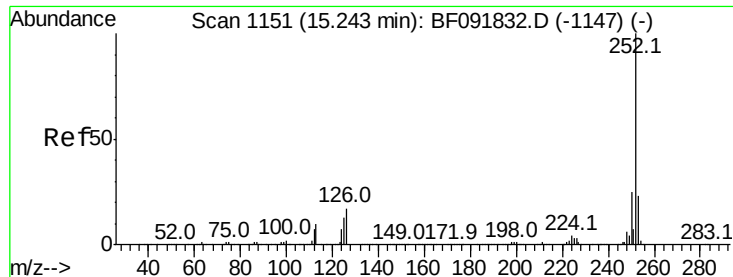
Delta R.T. -0.00 min

Lab File: BF091836.D

Acq: 21 Dec 2016 15:28

Tgt Ion:	252	Resp:	1035215
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	11.7	8.9	13.3





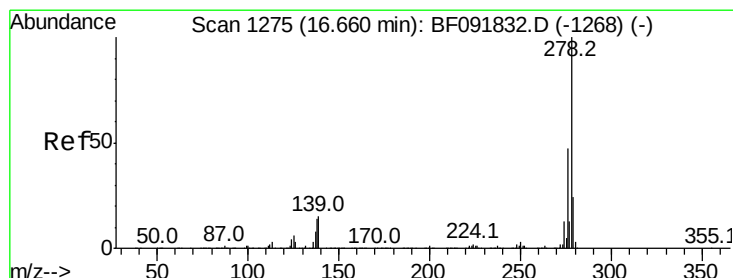
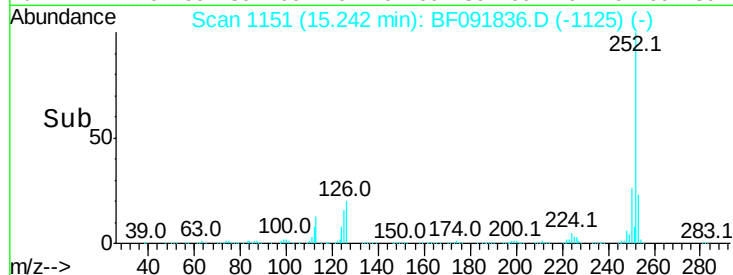
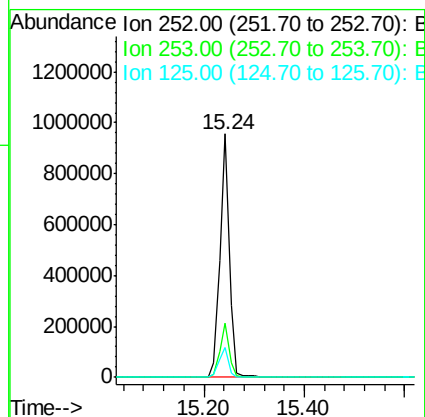
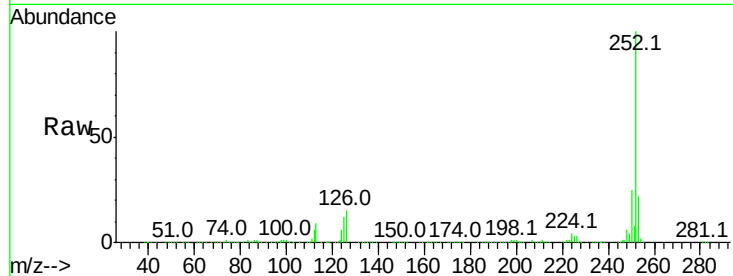
#89
Benzo(a)pyrene
Concen: 38.35 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
ICVBF122116

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.1	10.0	15.0

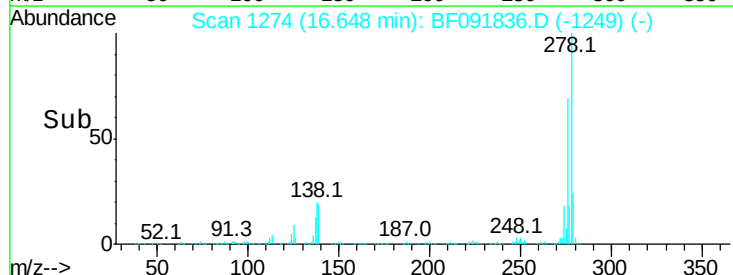
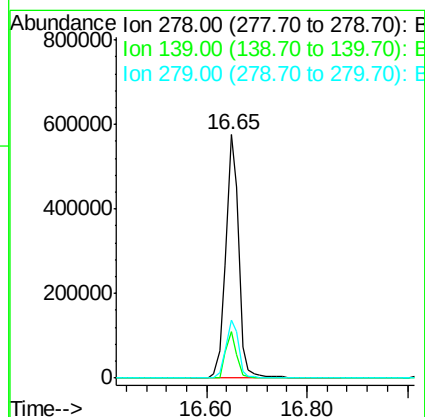
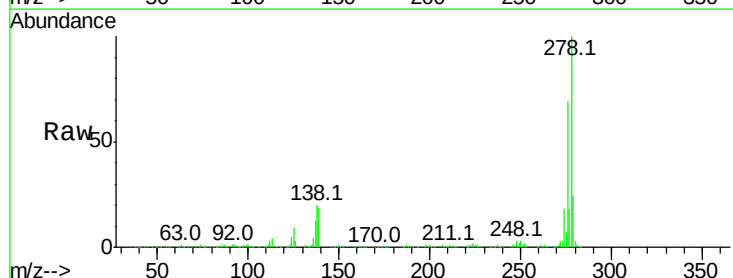
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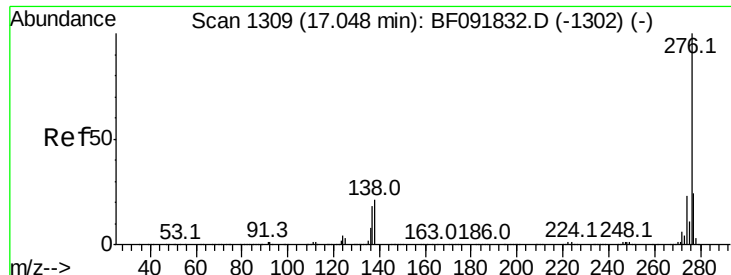
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#90
Dibenzo(a,h)anthracene
Concen: 39.03 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091836.D
Acq: 21 Dec 2016 15:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.8	22.2
279	23.6	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.30 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091836.D
 Acq: 21 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122116

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.2	16.0	24.0

Manual Integrations
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