

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087655.D
 Acq On : 4 Jun 2016 9:43
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:07 PM

Quant Time: Jun 05 01:10:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	113462	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	457228	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	222933	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	398573	20.00	ng	0.00
75) Chrysene-d12	14.02	240	310747	20.00	ng	0.00
86) Perylene-d12	15.44	264	273073	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	591540	84.27	ng	0.00
7) Phenol-d6	6.49	99	726560	82.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	624812	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	170666	76.27	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1222392	83.77	ng	0.00
78) Terphenyl-d14	12.97	244	959577	75.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	136755	40.30	ng	# 30
3) Pyridine	3.19	79	384281	42.87	ng	96
4) n-Nitrosodimethylamine	3.14	42	151472	40.00	ng	99
6) Aniline	6.52	93	505207	40.49	ng	99
8) 2-Chlorophenol	6.64	128	310944	38.49	ng	99
9) Benzaldehyde	6.41	77	245409	41.23	ng	98
10) Phenol	6.50	94	453252	45.21	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	273038	37.49	ng	98
12) 1,3-Dichlorobenzene	6.80	146	328032	37.93	ng	99
13) 1,4-Dichlorobenzene	6.88	146	343427	39.57	ng	99
14) 1,2-Dichlorobenzene	7.04	146	314182	38.62	ng	100
15) Benzyl Alcohol	7.00	79	273511	42.05	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	427336	40.23	ng	99
17) 2-Methylphenol	7.11	107	260684	40.19	ng	99
18) Hexachloroethane	7.38	117	125523	41.36	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	205238	37.33	ng	99
20) 3+4-Methylphenols	7.27	107	293224	36.90	ng	100
22) Acetophenone	7.28	105	442159	42.70	ng	99
24) Nitrobenzene	7.45	77	344629	43.57	ng	99
25) Isophorone	7.69	82	578199	40.19	ng	99
26) 2-Nitrophenol	7.76	139	144869	39.42	ng	98
27) 2,4-Dimethylphenol	7.80	122	321576	42.22	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	356563	39.07	ng	100
29) 2,4-Dichlorophenol	8.00	162	249671	39.91	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	269689	41.17	ng	99
31) Naphthalene	8.17	128	898299	40.41	ng	100
32) Benzoic acid	7.92	122	209138	45.52	ng	94
33) 4-Chloroaniline	8.22	127	368966	38.21	ng	100
34) Hexachlorobutadiene	8.30	225	143968	42.27	ng	99
35) Caprolactam	8.59	113	80083	38.97	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	263035	40.65	ng	99
37) 2-Methylnaphthalene	8.87	142	578873	39.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	243126	39.57	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	137672	38.09	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	181690	39.16	nq	100
43) 2,4,5-Trichlorophenol	9.18	196	186739	43.24	nq	99
45) 1,1'-Biphenyl	9.32	154	648419	35.84	nq	99
46) 2-Chloronaphthalene	9.35	162	522615	36.29	nq	99
47) 2-Nitroaniline	9.44	65	150082	37.01	nq	99
48) Acenaphthylene	9.77	152	903053	40.21	nq	99
49) Dimethylphthalate	9.63	163	666679	41.13	nq	100
50) 2,6-Dinitrotoluene	9.69	165	159227	43.18	nq	92
51) Acenaphthene	9.94	154	581879	40.27	nq	100
52) 3-Nitroaniline	9.85	138	155677	36.91	nq	99
53) 2,4-Dinitrophenol	9.95	184	64419	40.51	nq	99
54) Dibenzofuran	10.11	168	810312	41.19	nq	98
55) 4-Nitrophenol	10.00	139	124334	34.49	nq	98
56) 2,4-Dinitrotoluene	10.09	165	215583	45.91	nq	97
57) Fluorene	10.44	166	567212	36.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	144816	38.93	nq #	55
59) Diethylphthalate	10.33	149	624528	38.37	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	242975	38.84	nq	99
61) 4-Nitroaniline	10.47	138	175516	43.29	nq	98
62) Azobenzene	10.60	77	681516	41.60	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	85445	38.96	nq	99
65) n-Nitrosodiphenylamine	10.56	169	501529	38.42	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	174206	44.08	nq	99
67) Hexachlorobenzene	10.99	284	167233	37.84	nq	99
68) Atrazine	11.10	200	162946	42.14	nq	99
69) Pentachlorophenol	11.19	266	114886	43.75	nq	99
70) Phenanthrene	11.40	178	803427	37.18	nq	100
71) Anthracene	11.46	178	917088	42.35	nq	100
72) Carbazole	11.61	167	773835	37.75	nq	100
73) Di-n-butylphthalate	11.95	149	943583	42.94	nq	100
74) Fluoranthene	12.59	202	889177	41.81	nq	99
76) Benzidine	12.72	184	541619	44.20	nq	99
77) Pyrene	12.82	202	927987	41.94	nq	100
79) Butylbenzylphthalate	13.45	149	422757	44.89	nq	99
80) Benzo(a)anthracene	14.01	228	720385	40.17	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	230917	45.64	nq	98
82) Chrysene	14.05	228	736276	41.25	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	491745	43.88	nq	99
84) Di-n-octyl phthalate	14.62	149	860068	41.28	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	637143	43.18	nq #	100
87) Benzo(b)fluoranthene	15.04	252	750116m	42.23	nq	
88) Benzo(k)fluoranthene	15.06	252	556950m	37.68	nq	
89) Benzo(a)pyrene	15.38	252	608505	40.75	nq	99
90) Dibenzo(a,h)anthracene	16.86	278	533660	42.00	nq	99
91) Benzo(g,h,i)perylene	17.26	276	538810	42.03	nq	99

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

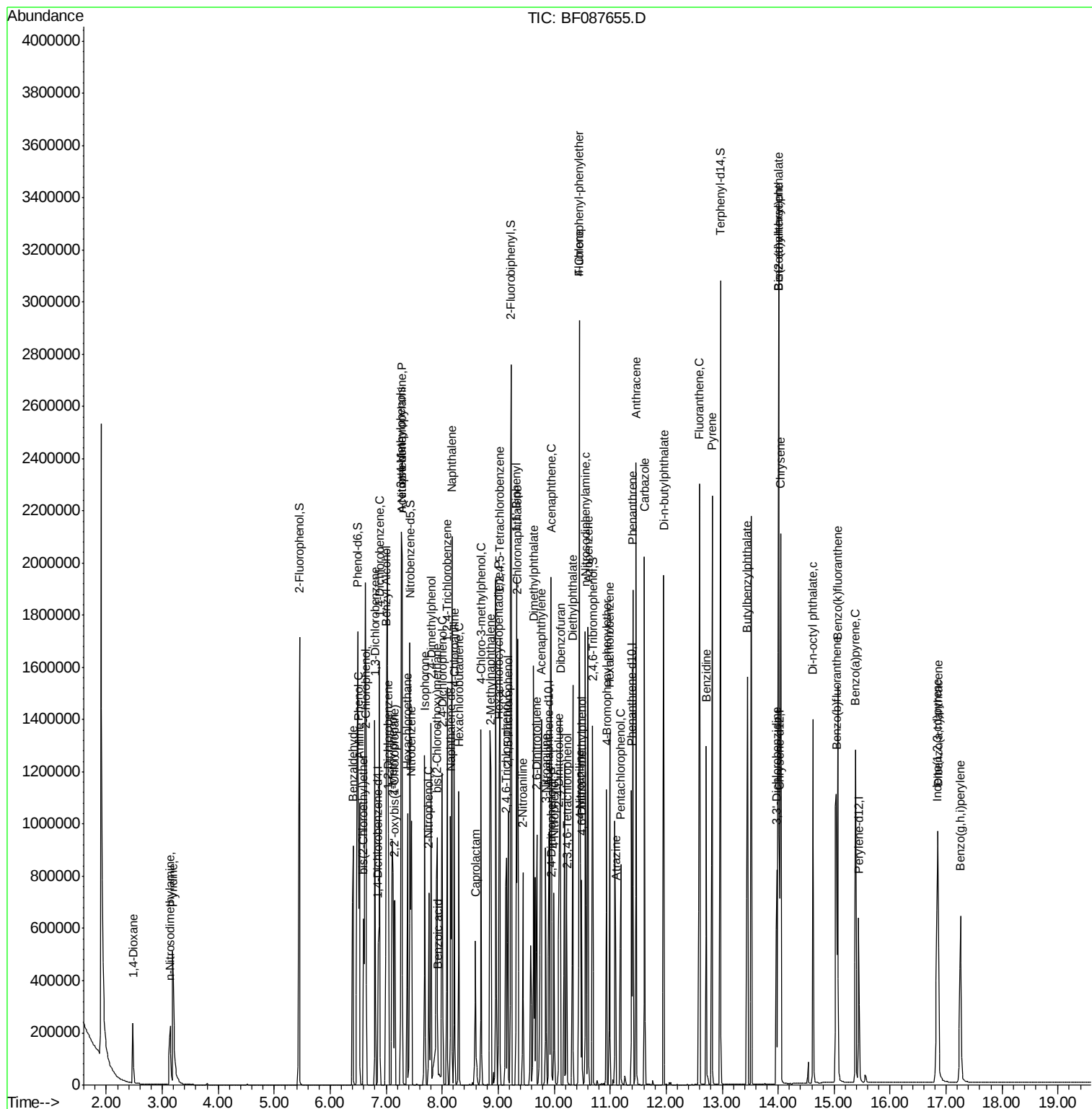
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Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 9 Sample Multiplier: 1
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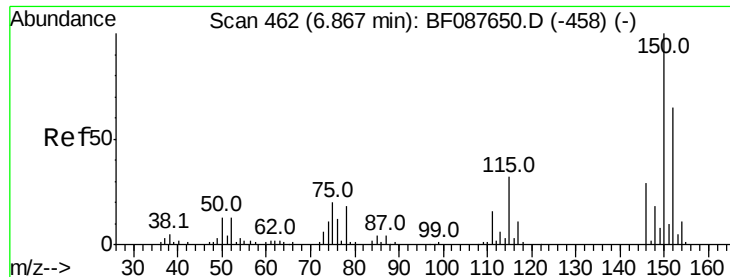
Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

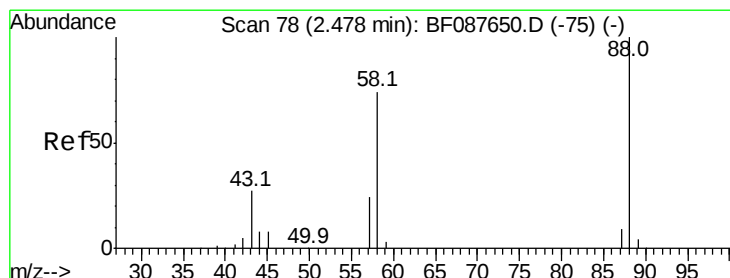
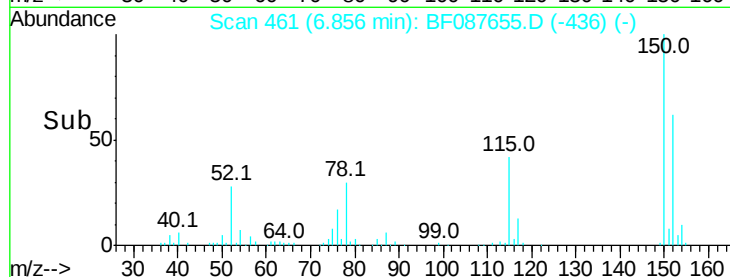
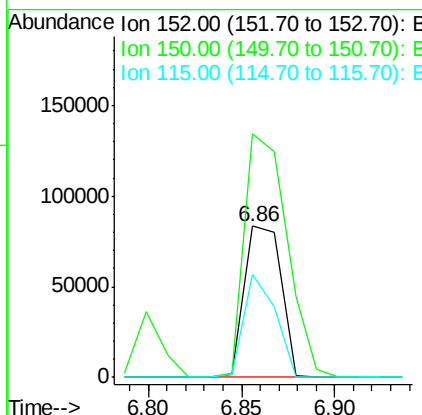
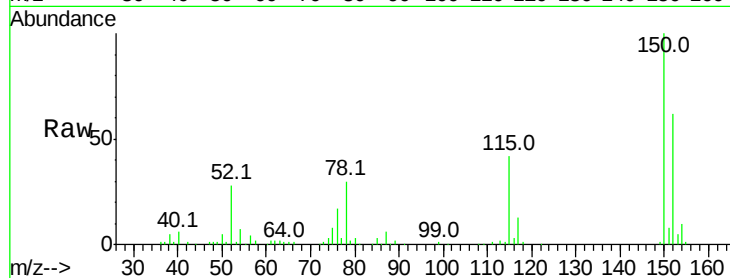
ClientSampleId :

ICVBF060416

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	123.8	185.6
115	67.7	39.6	59.4

Manual Integrations
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#2

1,4-Dioxane

Concen: 40.30 ng

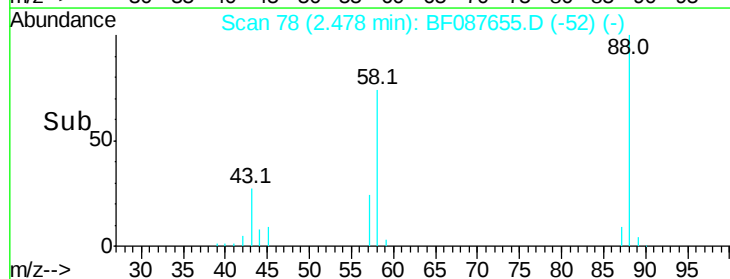
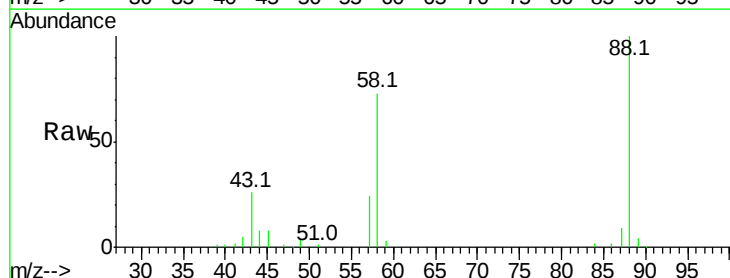
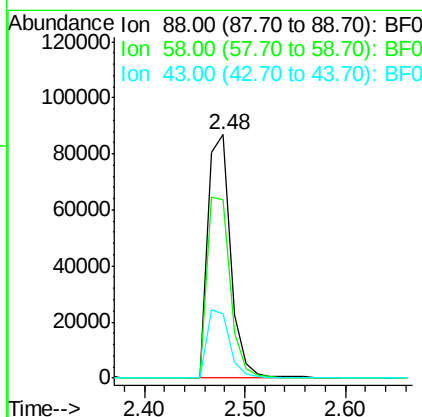
RT: 2.48 min Scan# 78

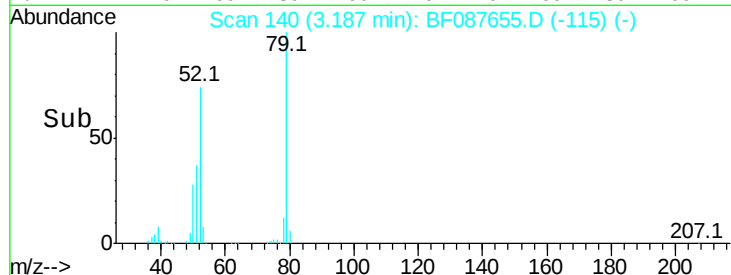
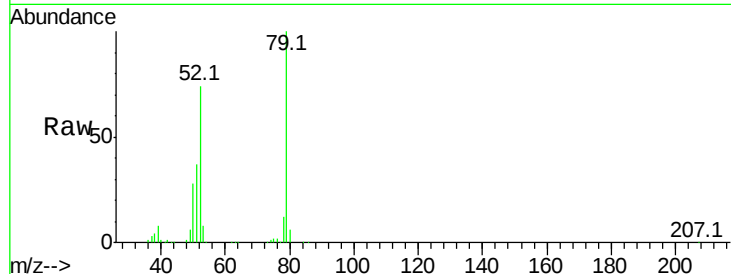
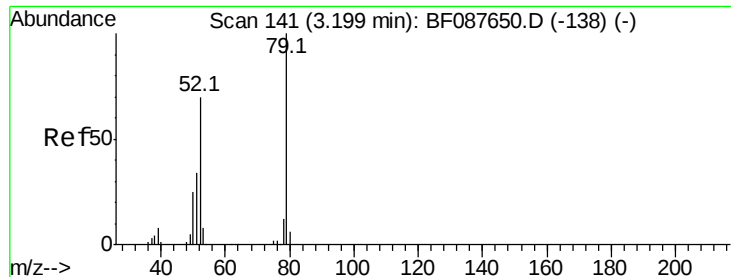
Delta R.T. -0.00 min

Lab File: BF087655.D

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Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	0.0	0.0
43	27.4	3.4	5.2





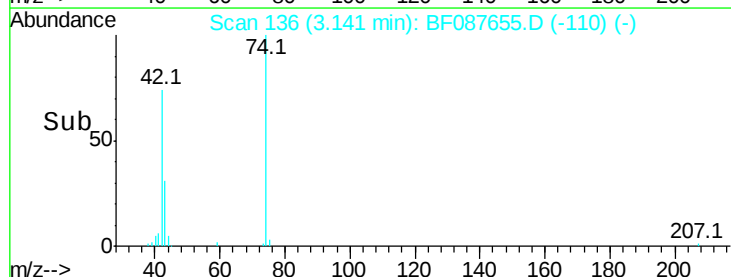
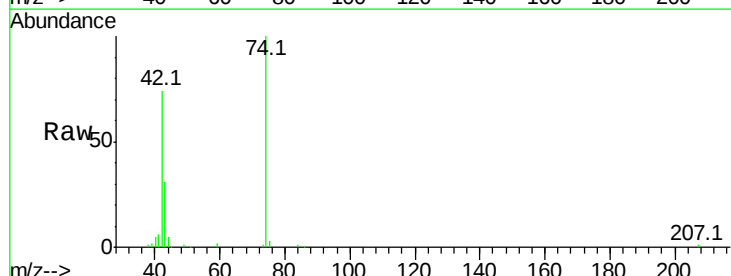
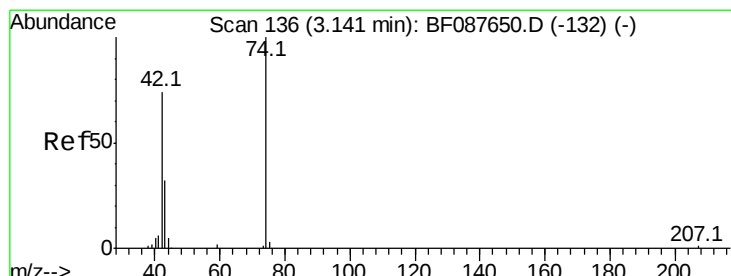
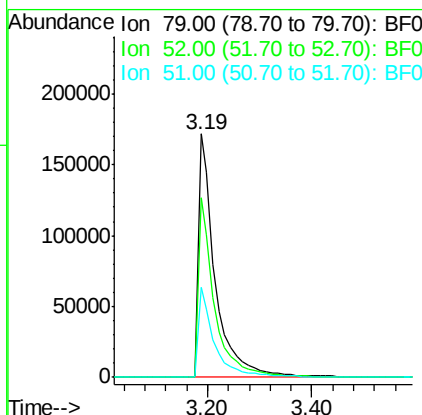
#3
Pvridine
Concen: 42.87 ng
RT: 3.19 min Scan# 140
Delta R.T. -0.01 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tot Ion	Ratio	Resp	Lower	Upper
79	100	384281		
52	74.0		56.3	84.5
51	36.8		27.4	41.2

Instrument :
BNA_F
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ICVBF060416

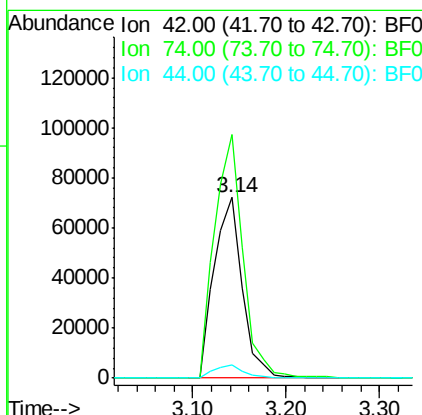
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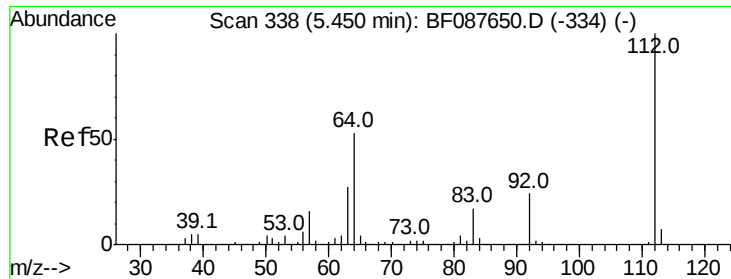
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#4
n-Nitrosodimethylamine
Concen: 40.00 ng
RT: 3.14 min Scan# 136
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	151472		
74	134.8		108.6	163.0
44	7.0		5.5	8.3





#5

2-Fluorophenol

Concen: 84.27 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

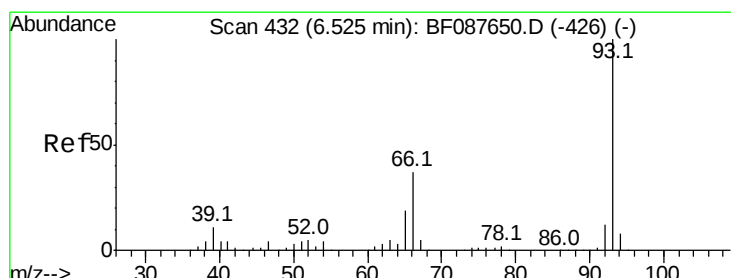
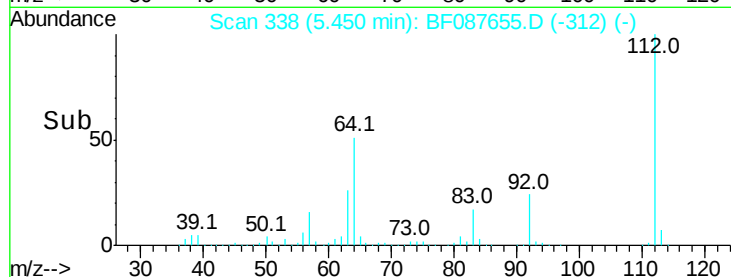
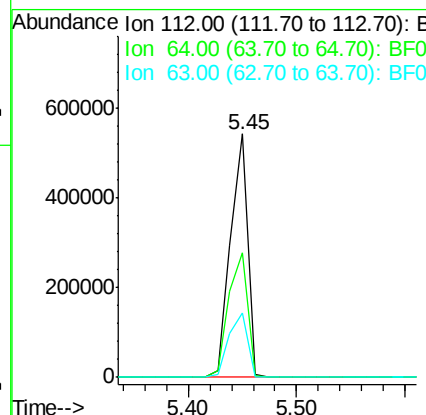
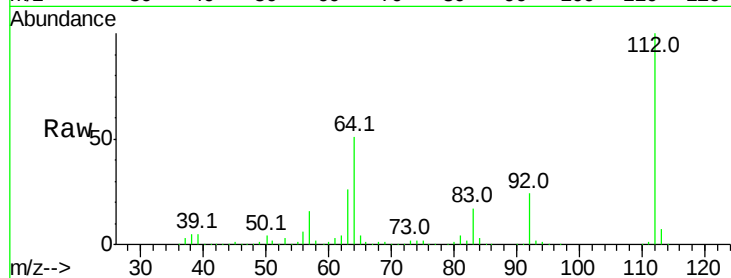
ClientSampleId :

ICVBF060416

Tot Ion:	112	Resp:	591540
Ion Ratio	Lower	Upper	
112	100		
64	51.2	42.2	63.2
63	26.4	21.8	32.8

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#6

Aniline

Concen: 40.49 ng

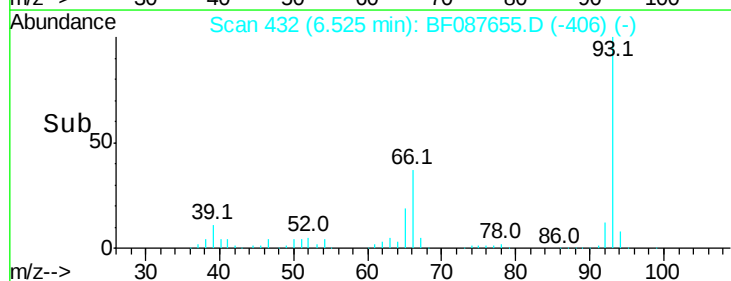
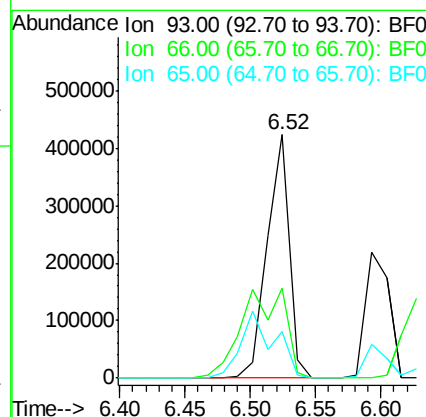
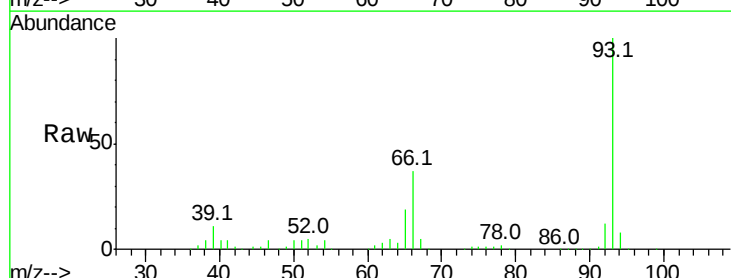
RT: 6.52 min Scan# 432

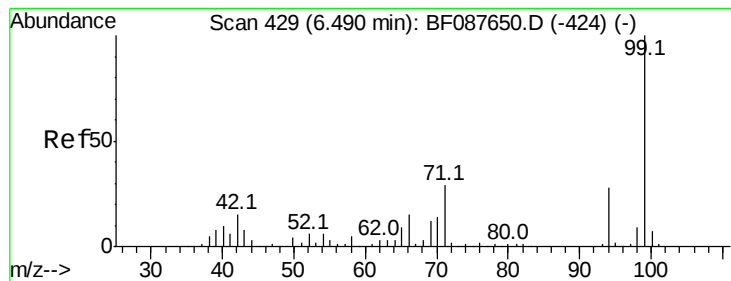
Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	93	Resp:	505207
Ion Ratio	Lower	Upper	
93	100		
66	37.2	29.8	44.8
65	19.2	14.9	22.3





#7

Phenol-d6

Concen: 82.53 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

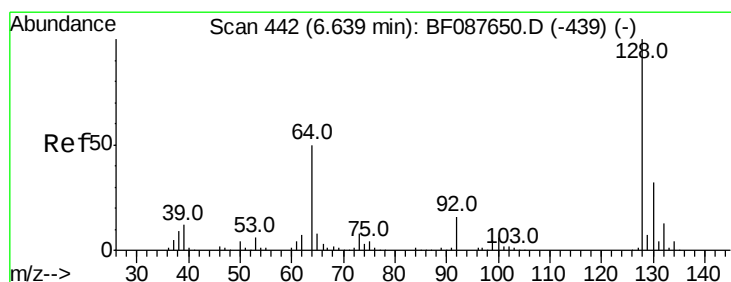
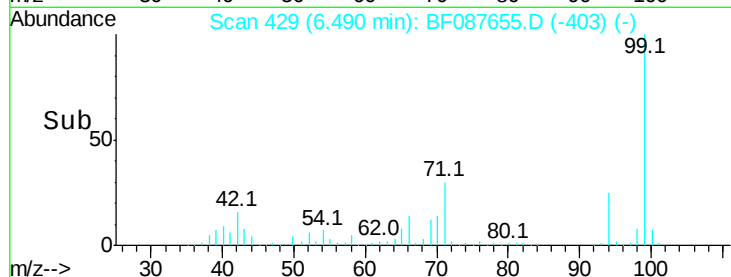
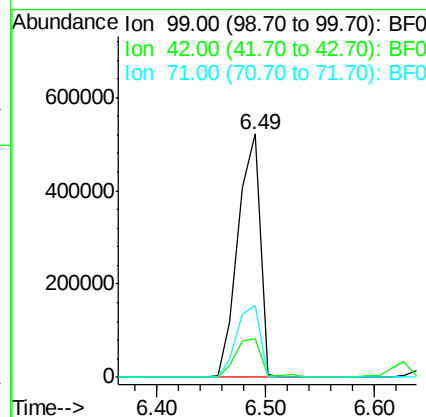
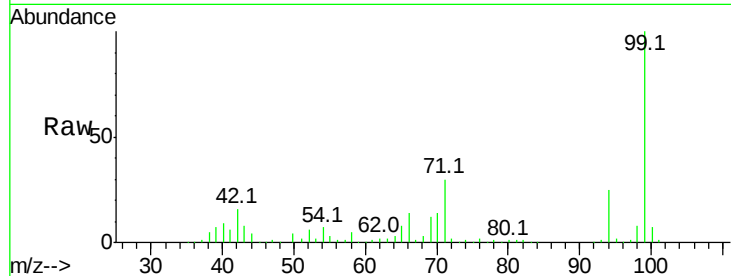
ClientSampleId :

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Tot Ion:	99	Resp:	726560
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.2	18.2
71	29.8	23.4	35.0

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#8

2-Chlorophenol

Concen: 38.49 ng

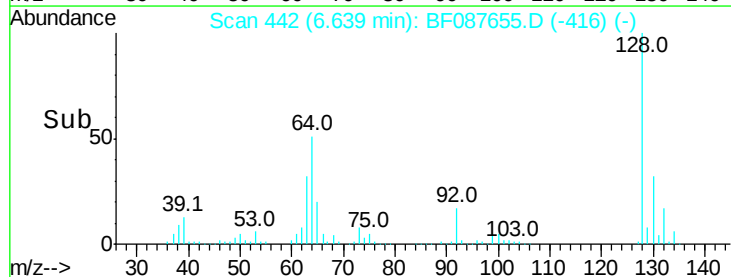
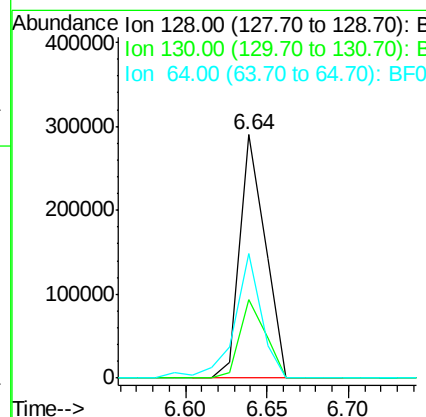
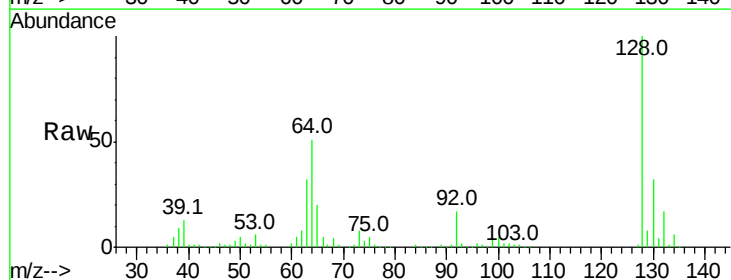
RT: 6.64 min Scan# 442

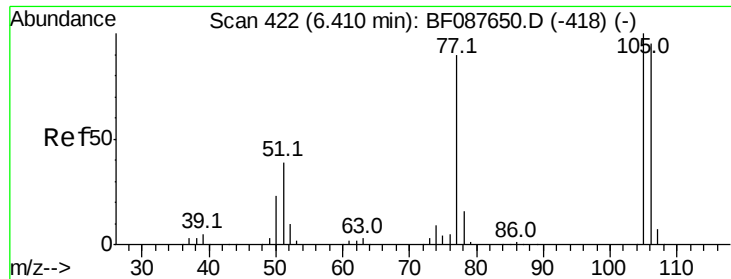
Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	128	Resp:	310944
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.0	52.0
64	51.4	30.8	70.8





#9

Benzaldehyde

Concen: 41.23 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF087655.D

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Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 77 Resp: 245409

Ion Ratio Lower Upper

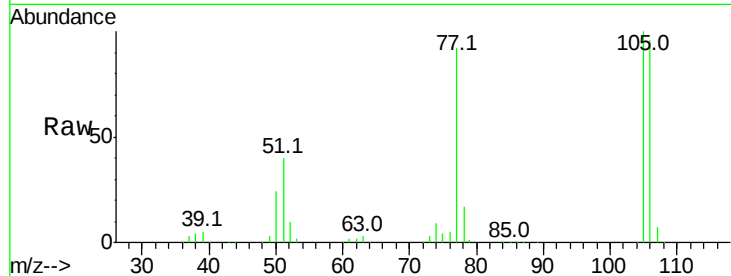
77 100

105 108.4 90.6 130.6

106 103.9 85.3 125.3

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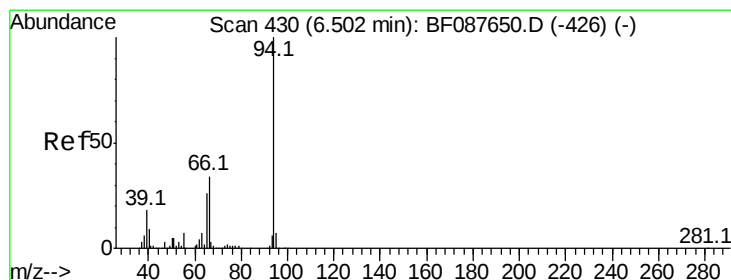
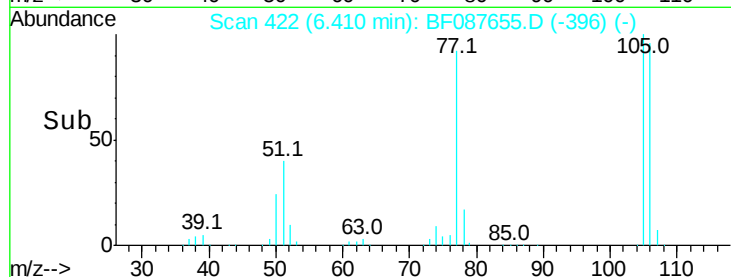
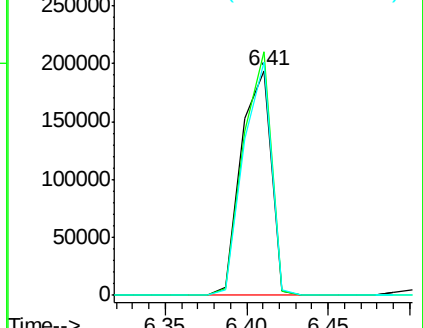
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.21 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

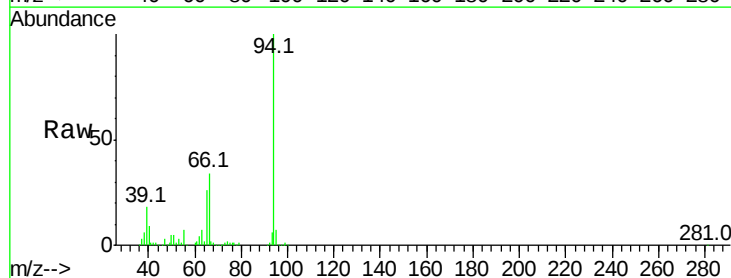
Tgt Ion: 94 Resp: 453252

Ion Ratio Lower Upper

94 100

65 25.8 5.9 45.9

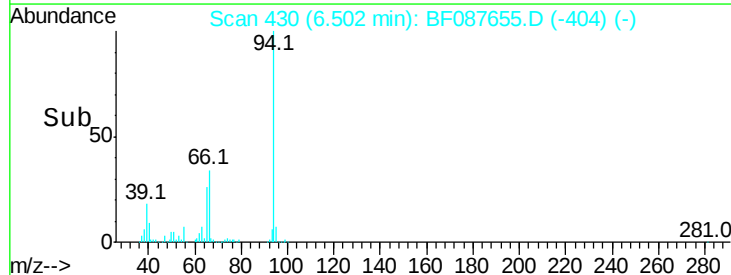
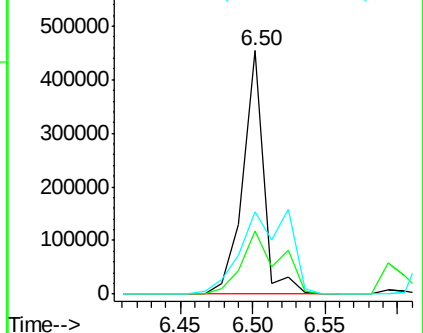
66 33.8 14.0 54.0

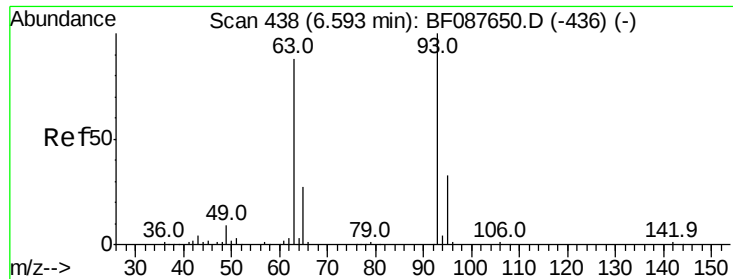


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.49 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

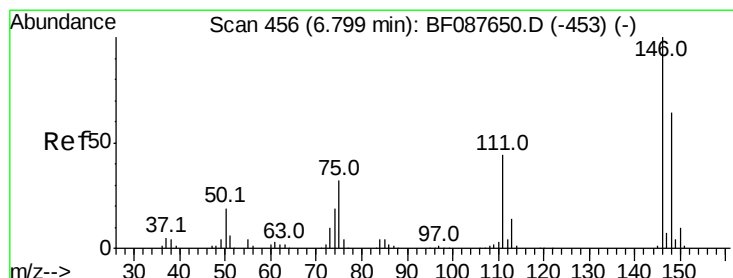
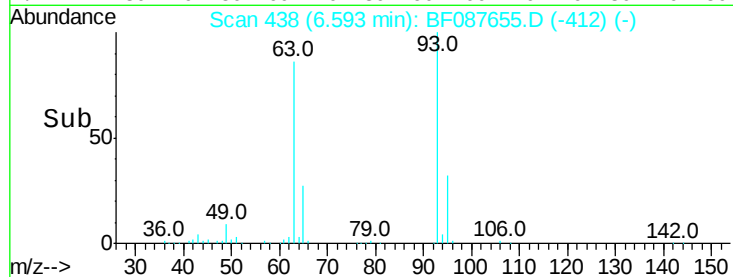
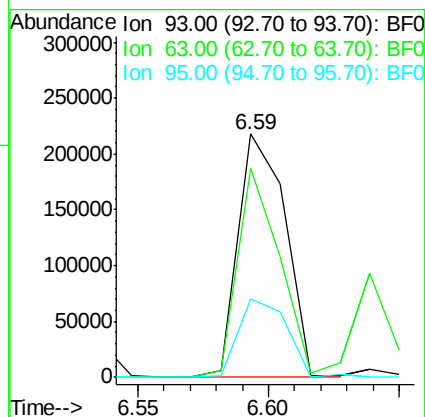
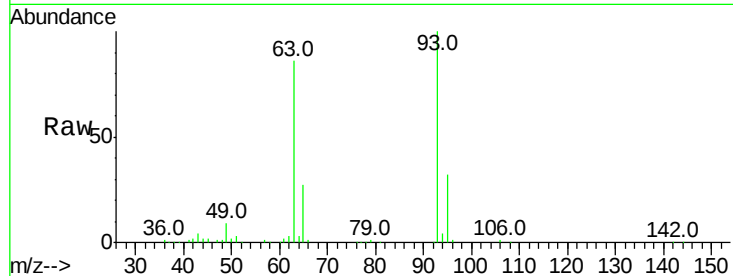
ClientSampleId :

ICVBF060416

Tot Ion:	93	Resp:	273038
Ion Ratio	Lower	Upper	
93	100		
63	85.8	67.6	107.6
95	32.1	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 37.93 ng

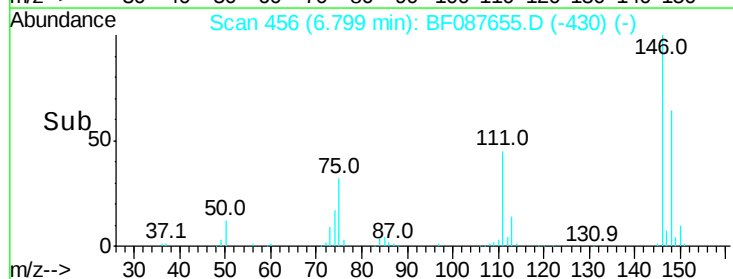
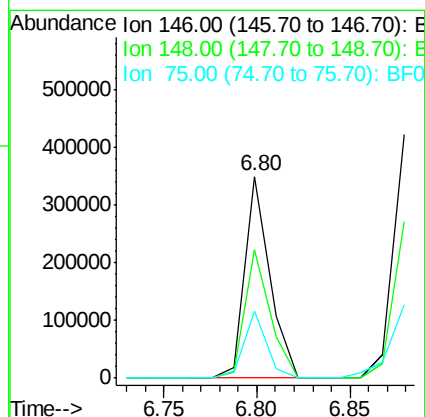
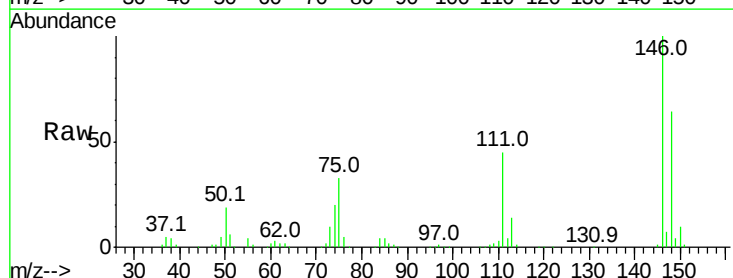
RT: 6.80 min Scan# 456

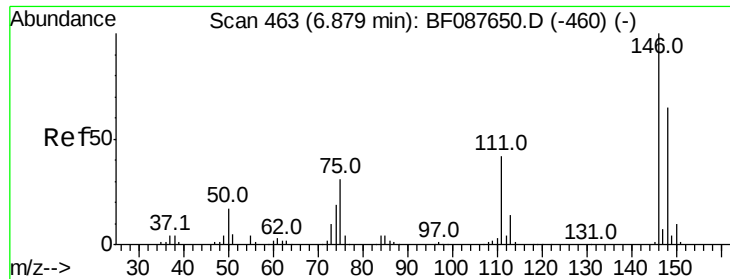
Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	146	Resp:	328032
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.9	76.3
75	32.9	25.6	38.4





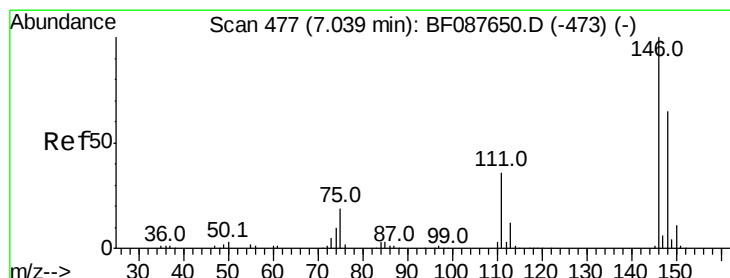
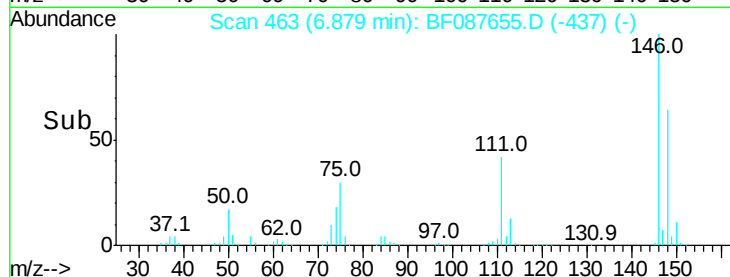
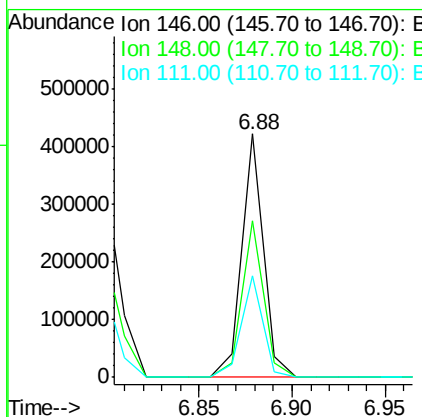
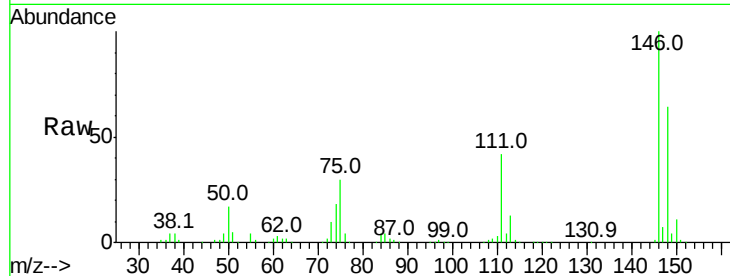
#13
 1,4-Dichlorobenzene
 Concen: 39.57 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	41.7	33.8	50.8

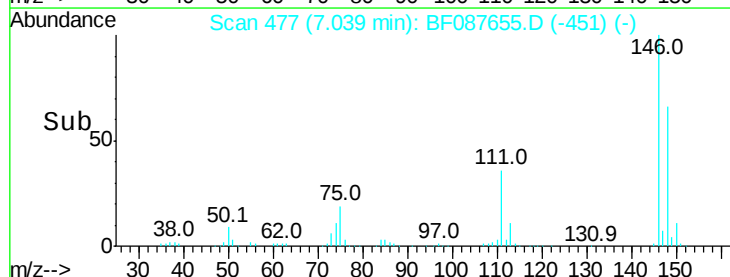
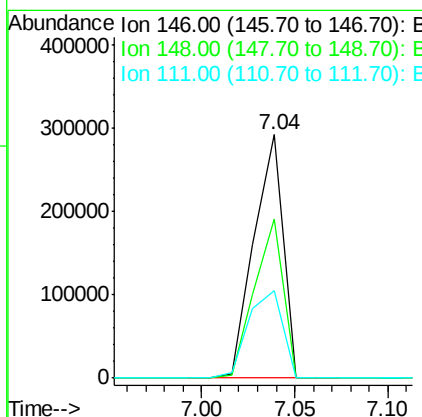
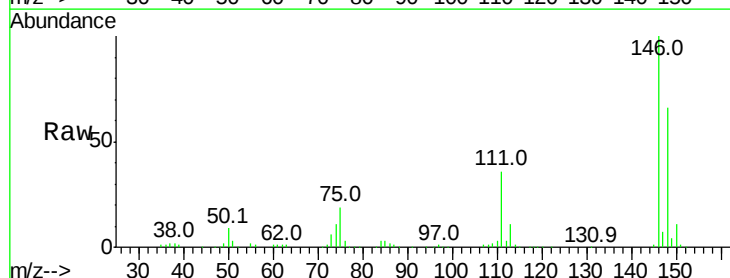
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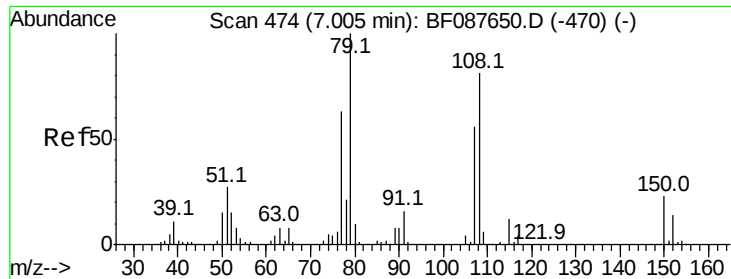
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#14
 1,2-Dichlorobenzene
 Concen: 38.62 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.3	78.5
111	35.8	28.7	43.1





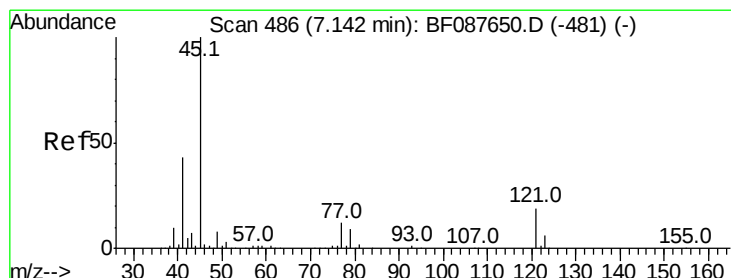
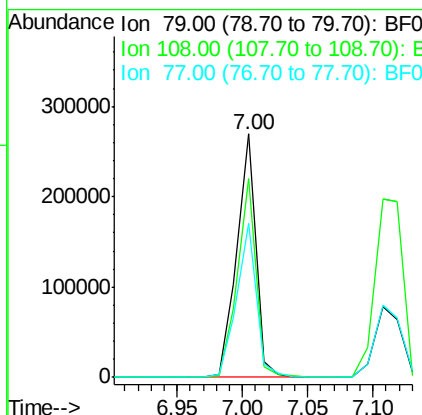
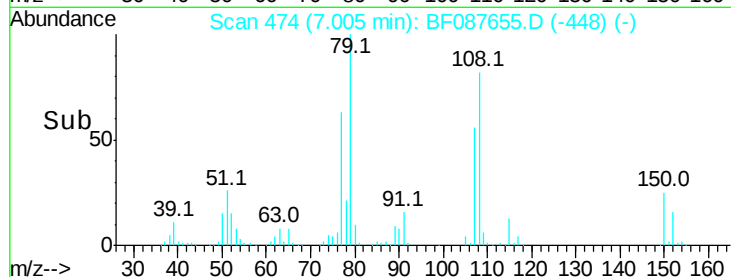
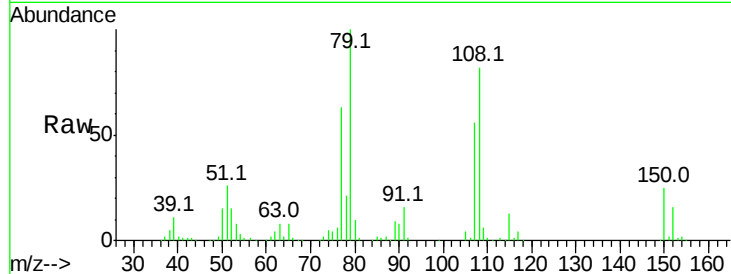
#15
Benzyl Alcohol
Concen: 42.05 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.5	65.0	97.6
77	63.3	50.3	75.5

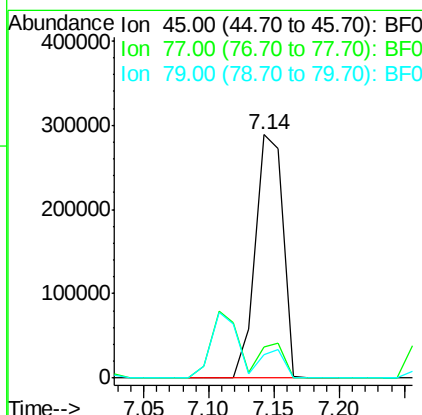
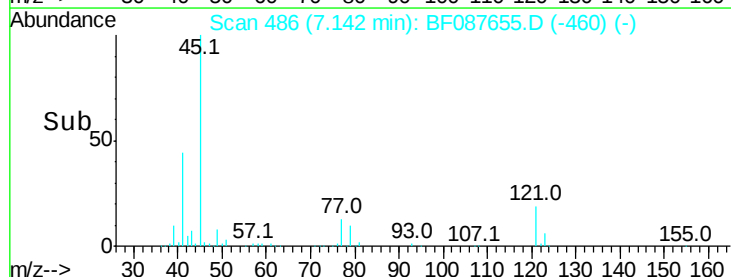
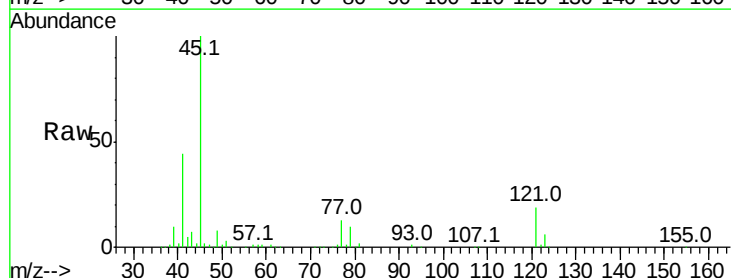
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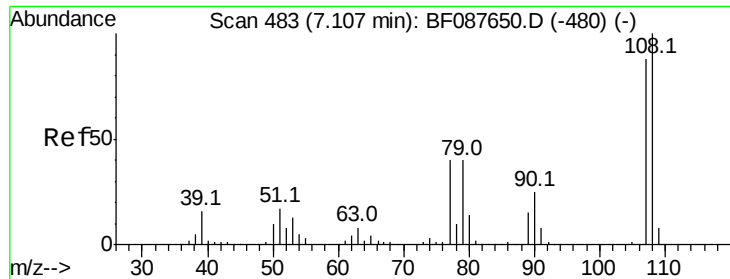
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.23 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	32.5
79	9.7	0.0	29.5





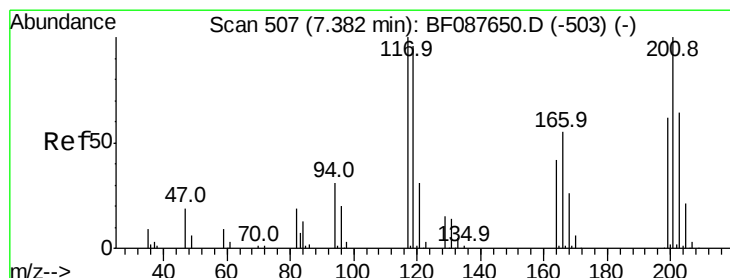
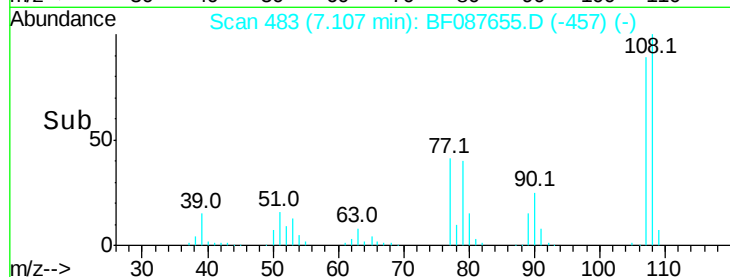
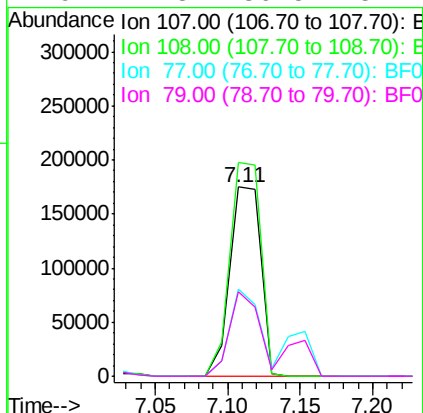
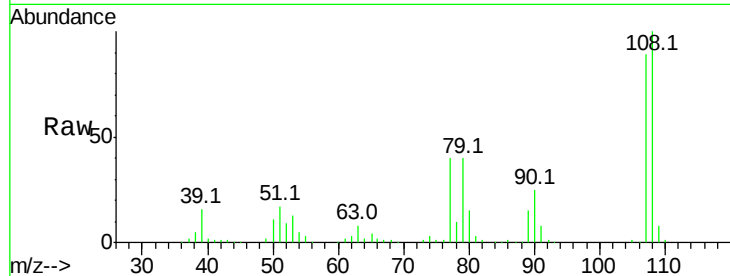
#17
2-Methylphenol
Concen: 40.19 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	260684		
108	112.9	90.9	136.3		
77	45.7	36.6	55.0		
79	44.8	36.5	54.7		

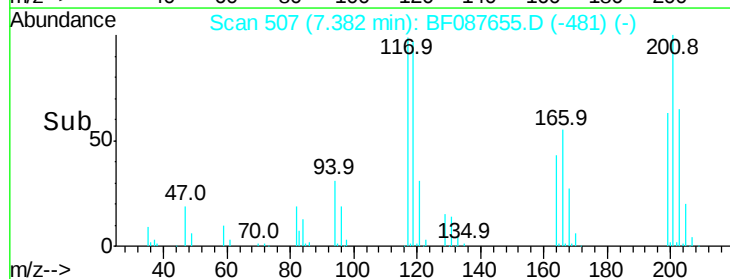
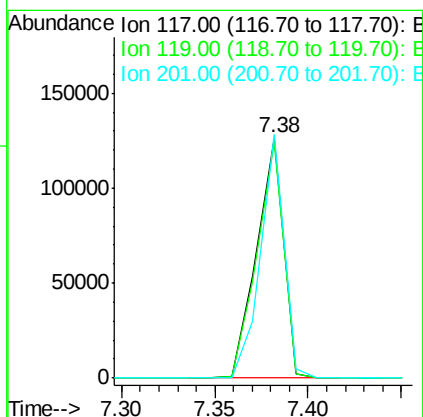
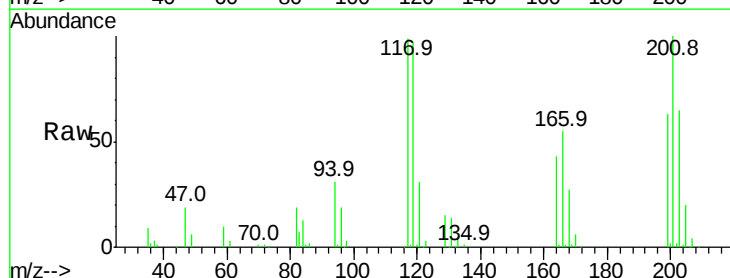
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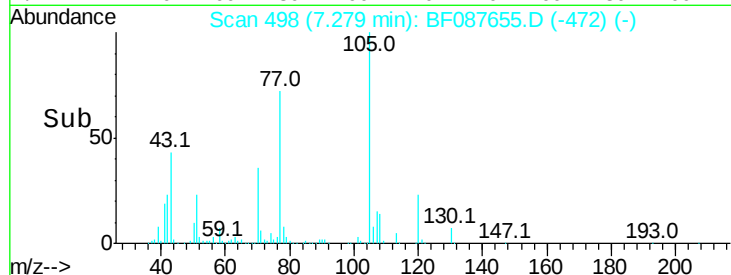
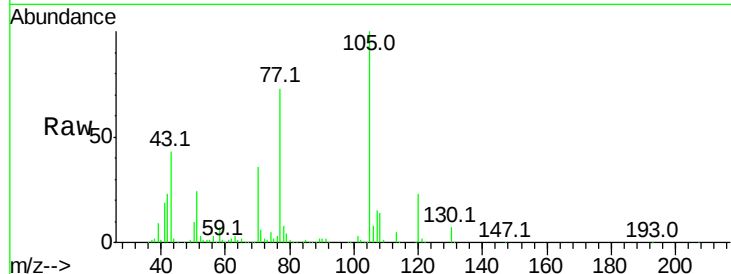
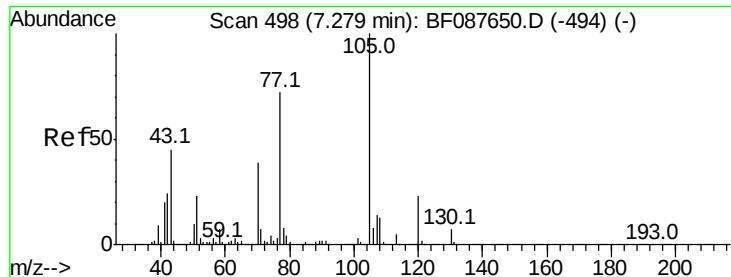
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#18
Hexachloroethane
Concen: 41.36 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	125523		
119	98.2	77.4	116.2		
201	101.3	80.4	120.6		





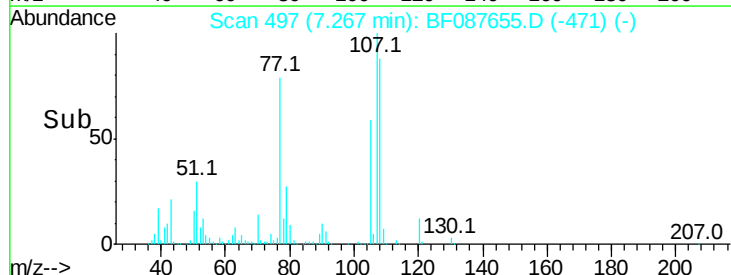
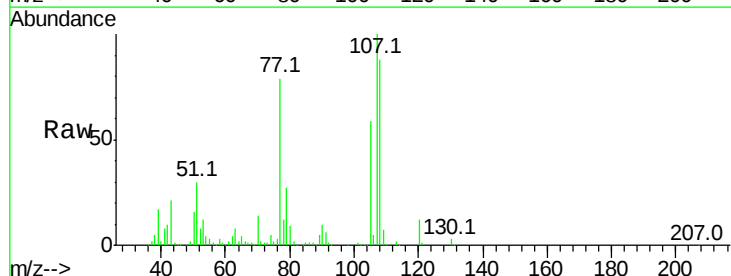
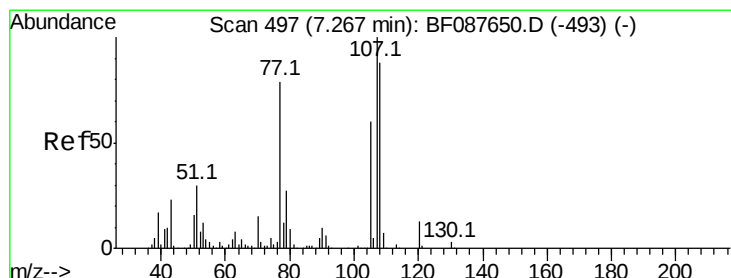
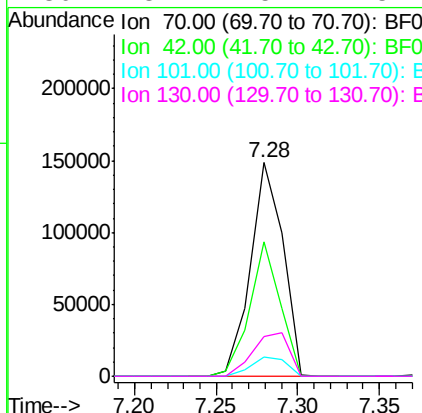
#19
n-Nitroso-di-n-propylamine
Concen: 37.33 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.2	49.6	74.4	
101	8.8	7.1	10.7	
130	18.7	15.4	23.2	

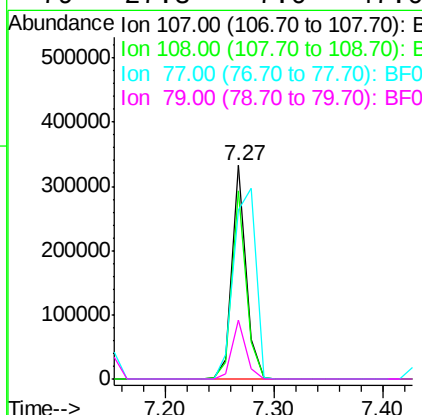
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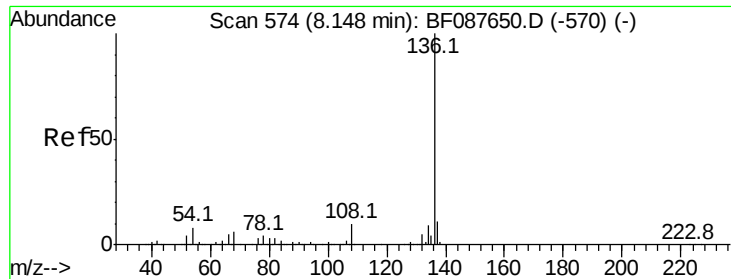
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#20
3+4-Methylphenols
Concen: 36.90 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	67.8	107.8	
77	79.2	59.3	99.3	
79	27.3	7.0	47.0	





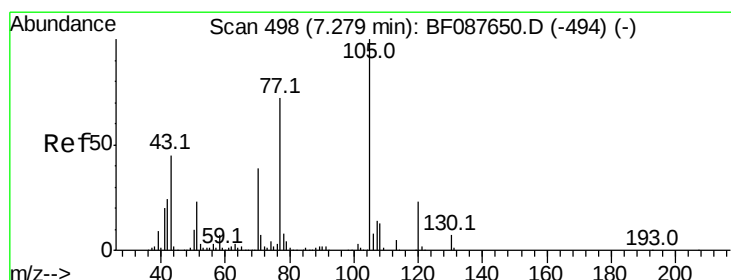
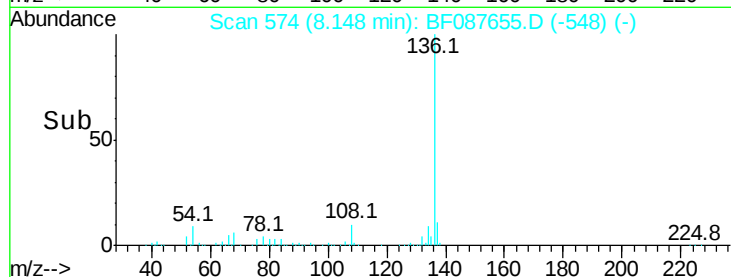
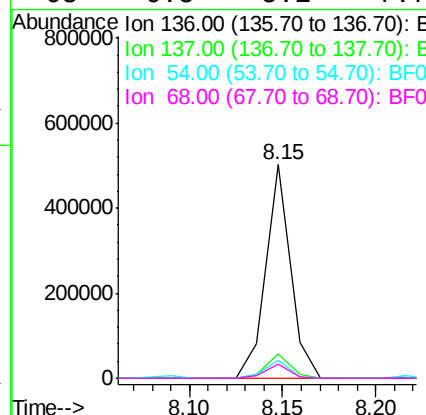
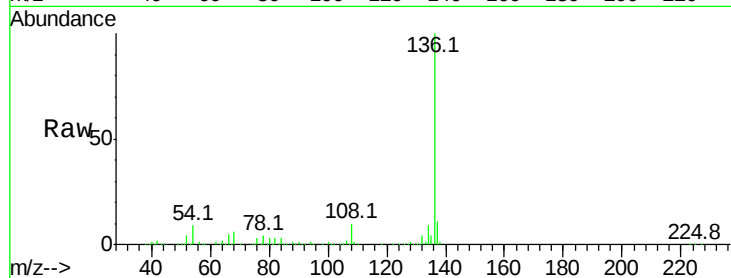
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ratio	Resp	Lower	Upper
136	100	457228		
137	11.2		9.1	13.7
54	8.6		6.6	10.0
68	6.5		5.1	7.7

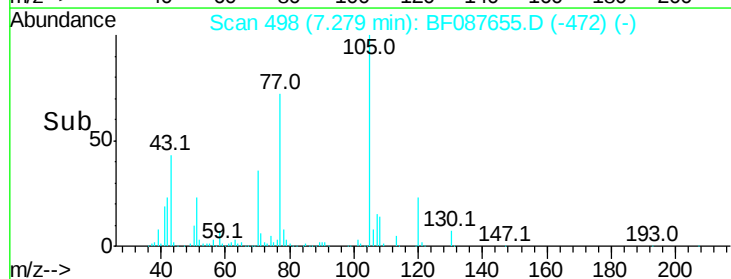
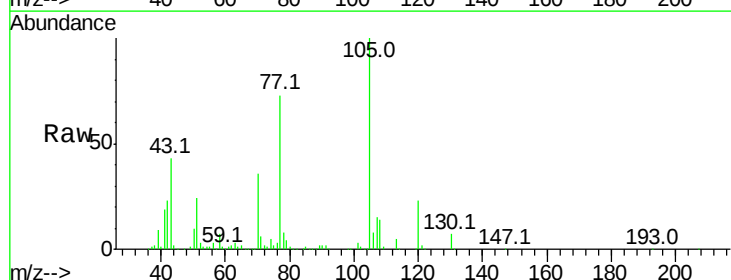
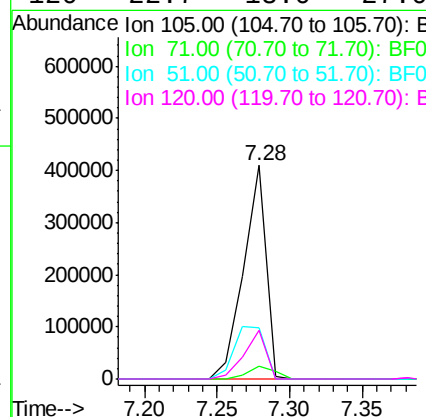
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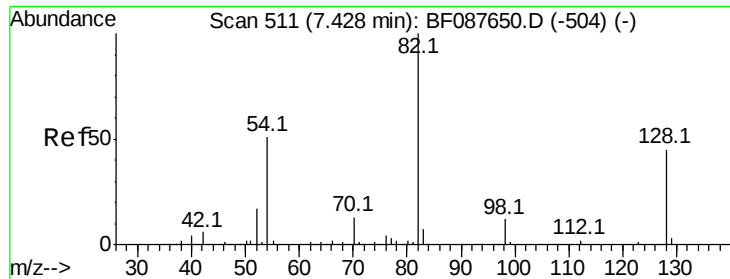
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#22
Acetophenone
Concen: 42.70 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	442159		
71	6.2		5.3	7.9
51	23.8		18.2	27.4
120	22.7		18.0	27.0





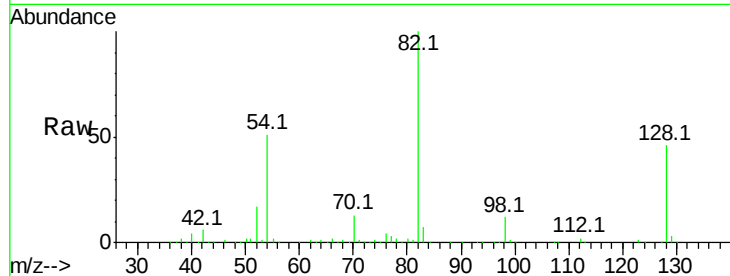
#23
Nitrobenzene-d5
Concen: 79.06 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

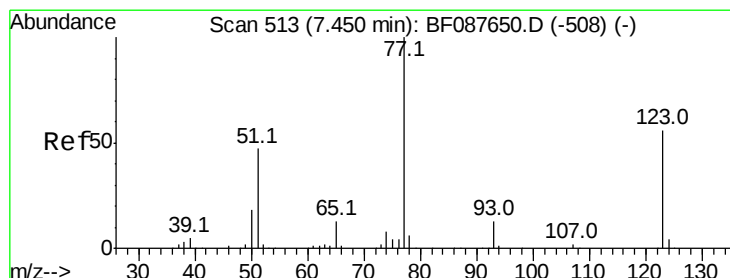
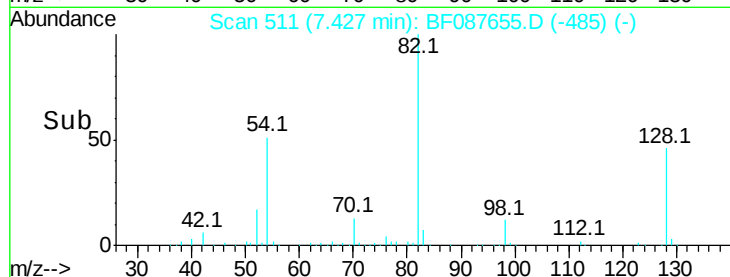
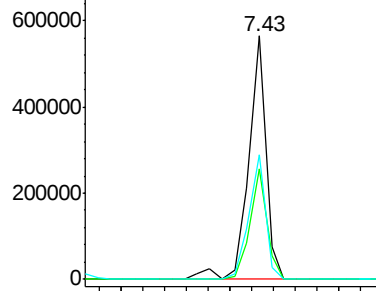
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	35.9	53.9	
54	51.4	40.9	61.3	

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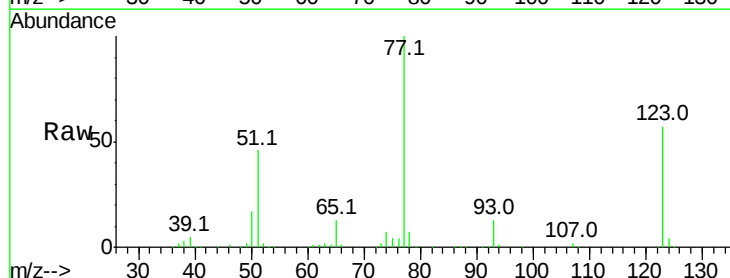


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

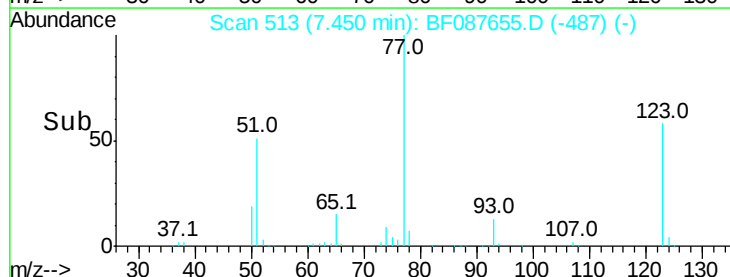
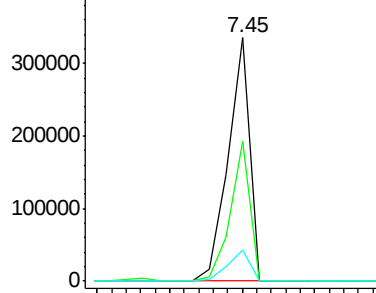


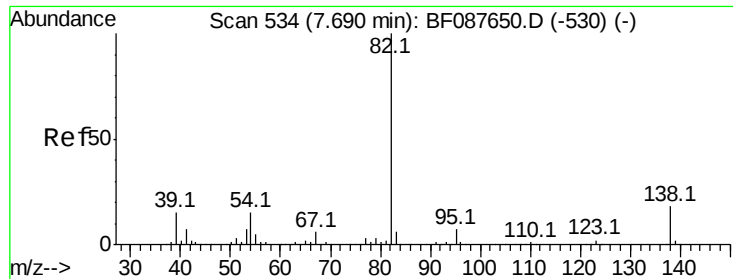
#24
Nitrobenzene
Concen: 43.57 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	57.2	45.0	67.4	
65	13.0	10.2	15.2	



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.19 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

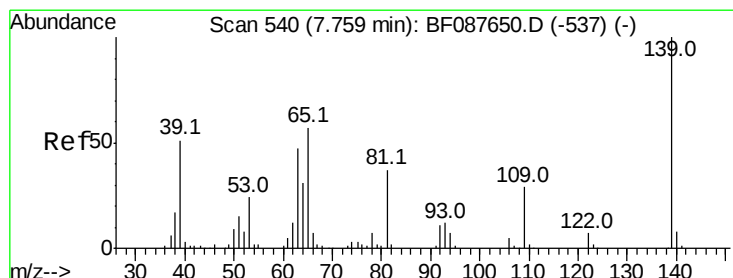
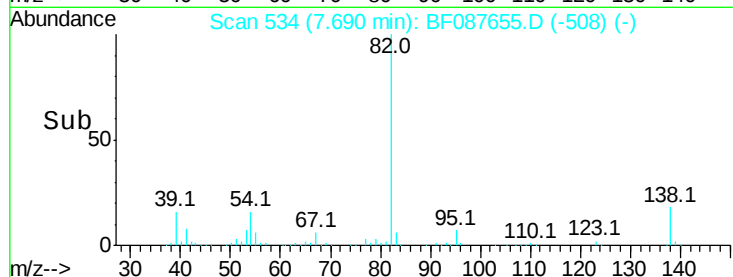
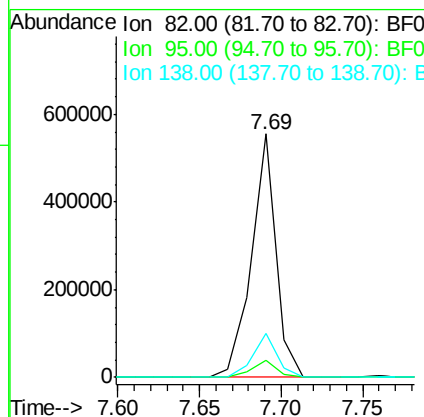
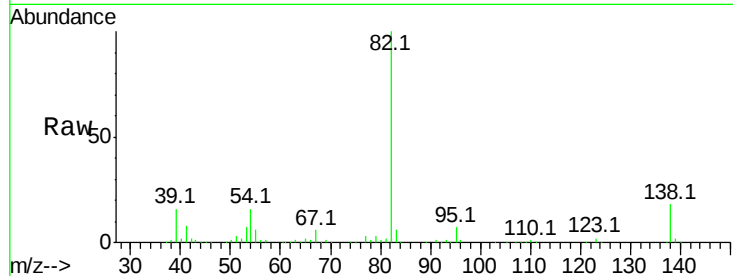
ClientSampleId :

ICVBF060416

Tot Ion:	82	Resp:	578199
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	17.9	14.6	21.8

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#26

2-Nitrophenol

Concen: 39.42 ng

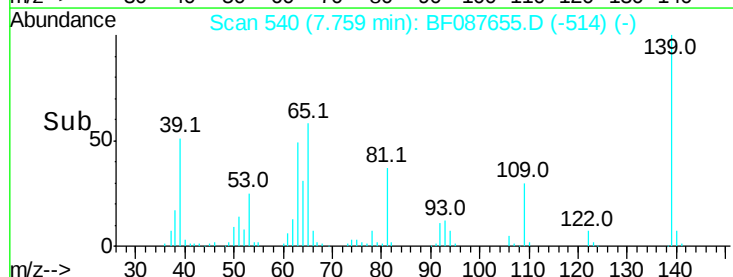
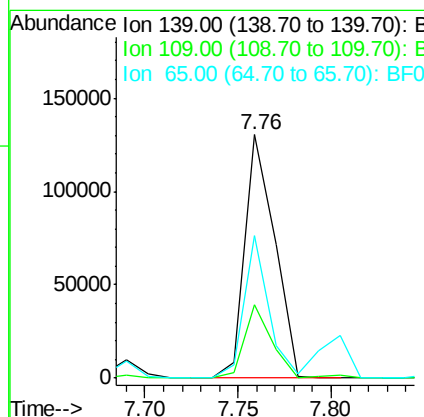
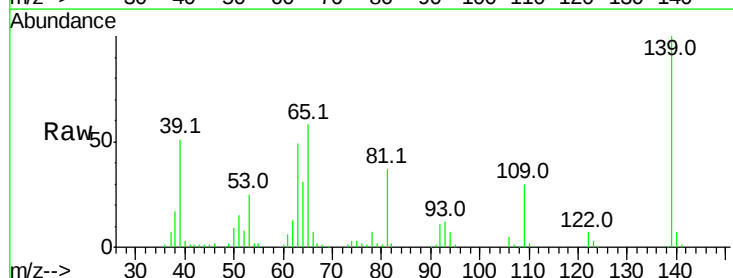
RT: 7.76 min Scan# 540

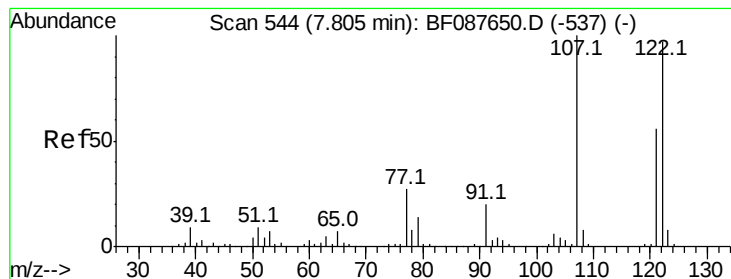
Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	139	Resp:	144869
Ion Ratio		Lower	Upper
139	100		
109	29.9	23.0	34.4
65	58.4	45.8	68.8





#27

2,4-Dimethylphenol

Concen: 42.22 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

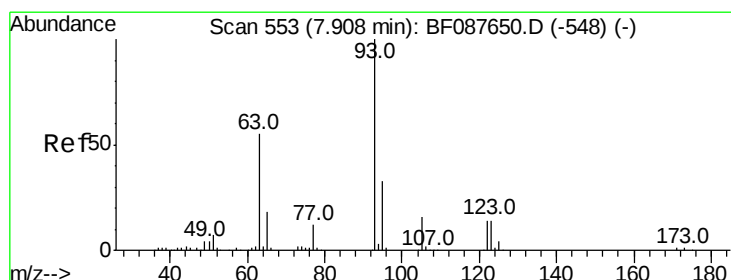
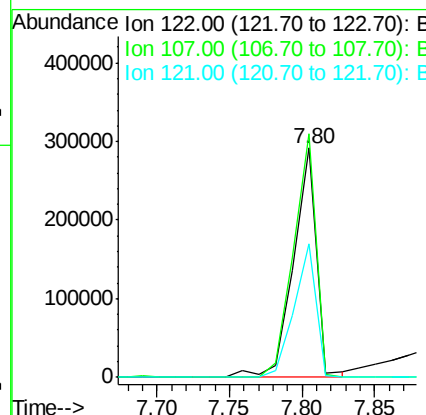
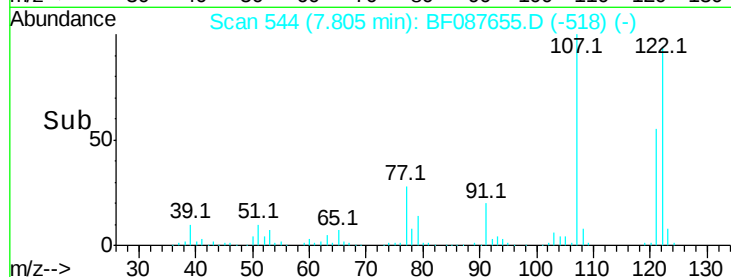
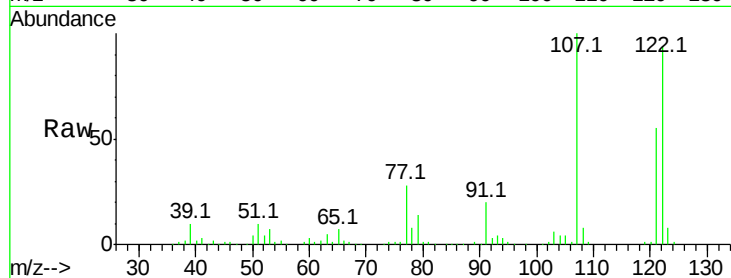
ClientSampleId :

ICVBF060416

Tot Ion:	122	Resp:	321576
Ion Ratio	Lower	Upper	
122	100		
107	106.3	82.4	123.6
121	58.4	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 39.07 ng

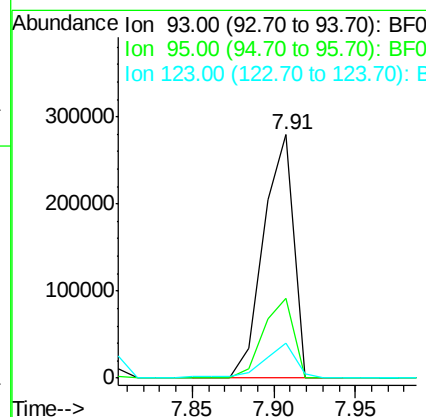
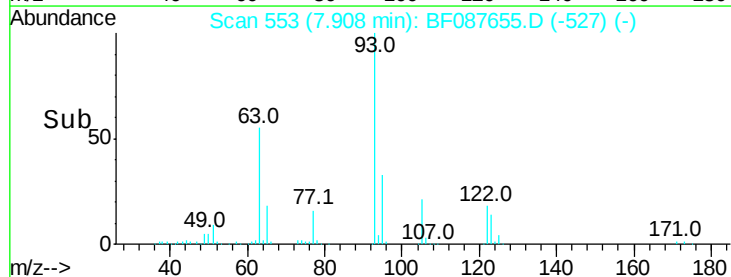
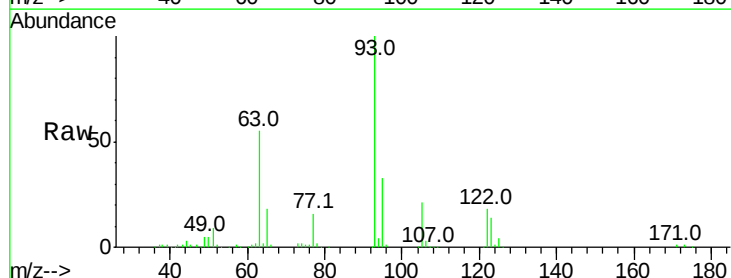
RT: 7.91 min Scan# 553

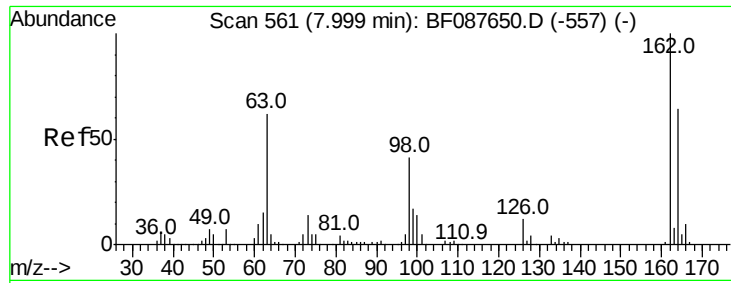
Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	93	Resp:	356563
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	14.4	11.6	17.4





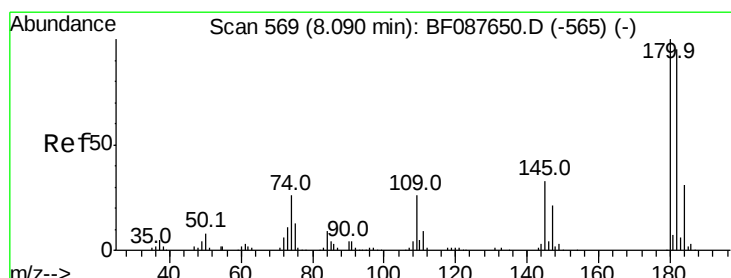
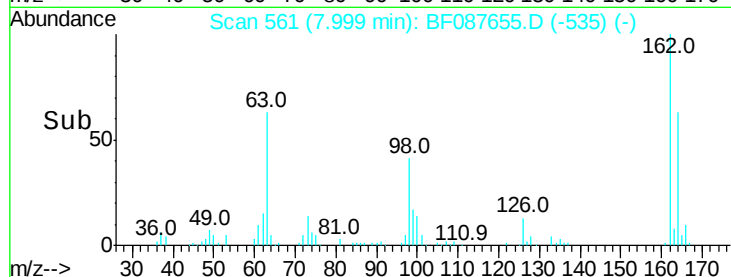
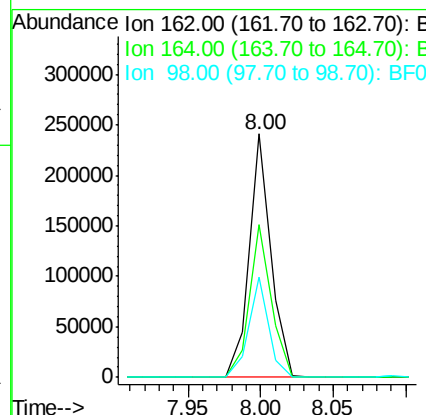
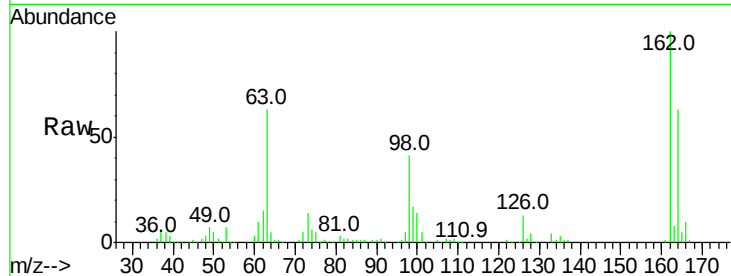
#29
 2,4-Dichlorophenol
 Concen: 39.91 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.9	43.8	83.8
98	41.1	21.3	61.3

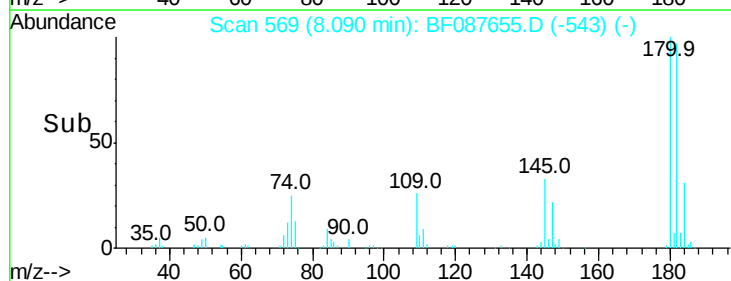
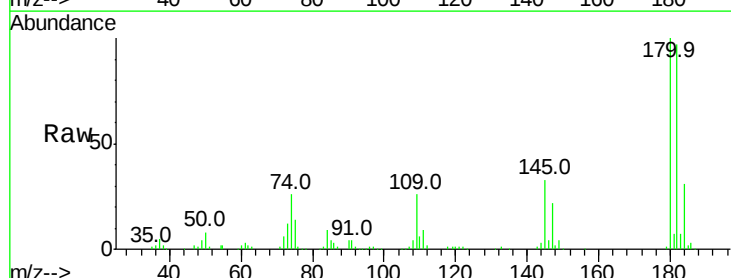
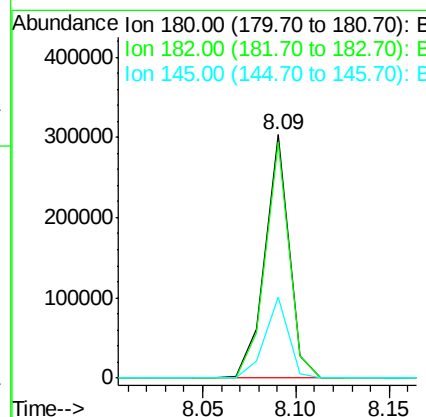
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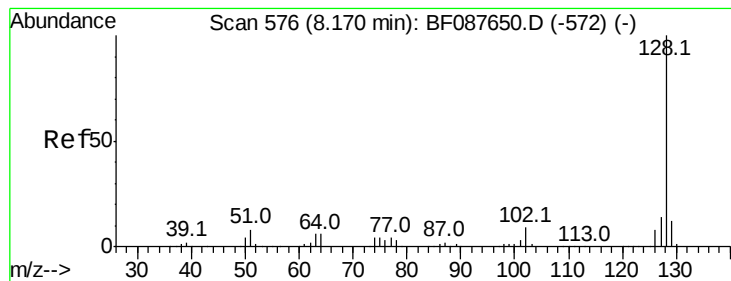
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.17 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	76.0	114.0
145	33.1	26.5	39.7





#31

Naphthalene

Concen: 40.41 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

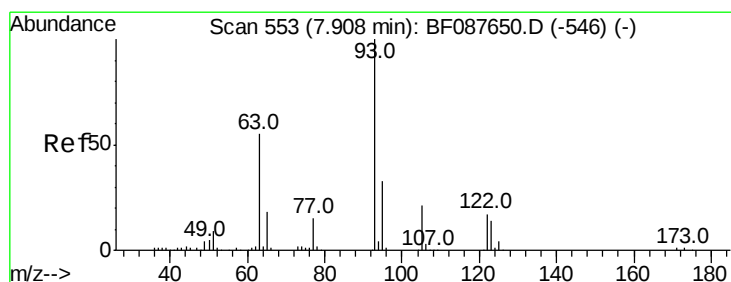
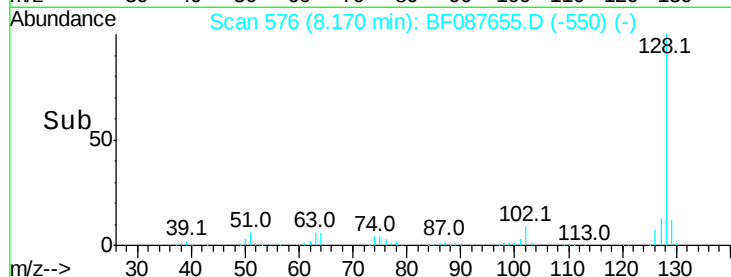
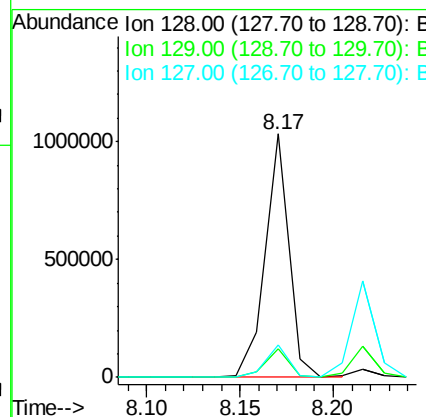
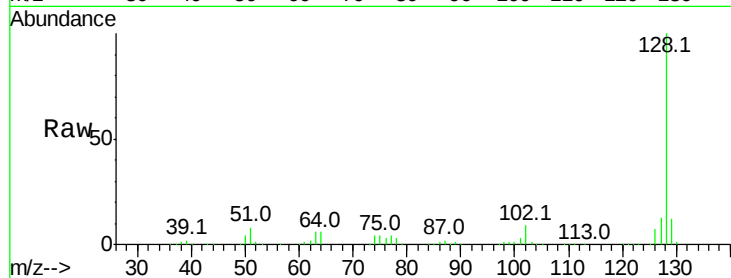
ClientSampleId :

ICVBF060416

Tot Ion:	128	Resp:	898299
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.4	14.2
127	13.4	10.9	16.3

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#32

Benzoic acid

Concen: 45.52 ng

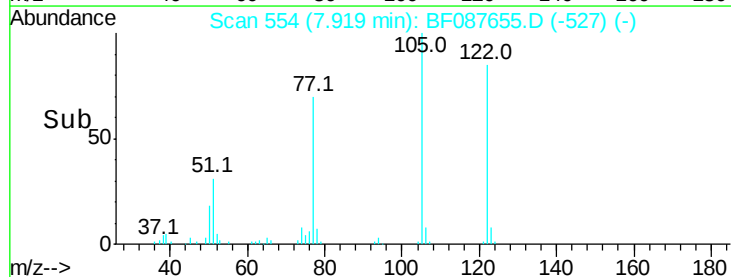
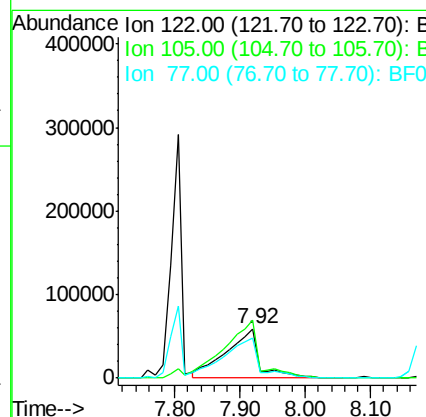
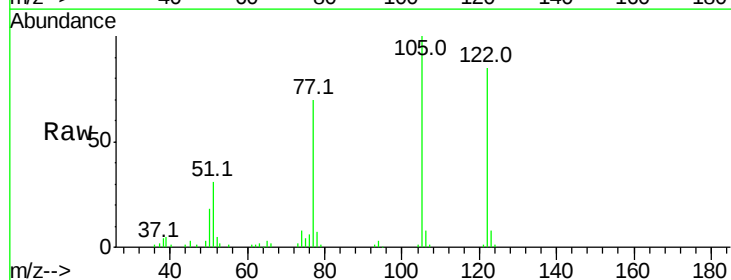
RT: 7.92 min Scan# 554

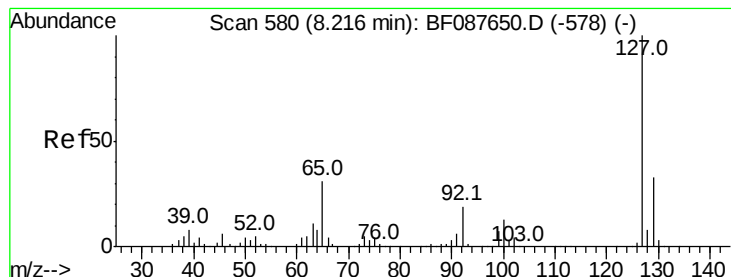
Delta R.T. 0.01 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	122	Resp:	209138
Ion Ratio	Lower	Upper	
122	100		
105	117.6	101.6	141.6
77	82.1	70.6	110.6





#33

4-Chloroaniline

Concen: 38.21 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

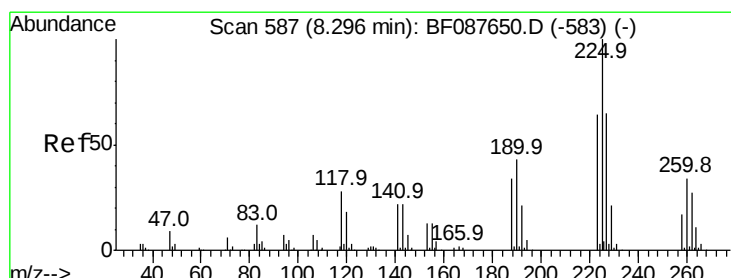
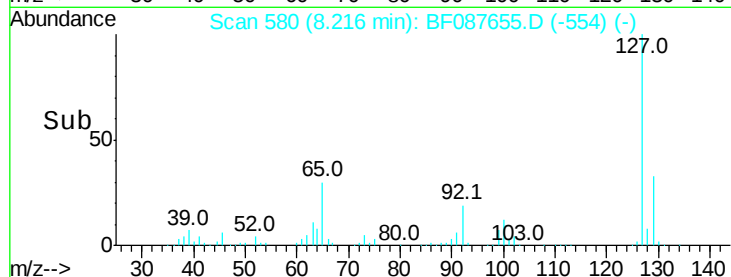
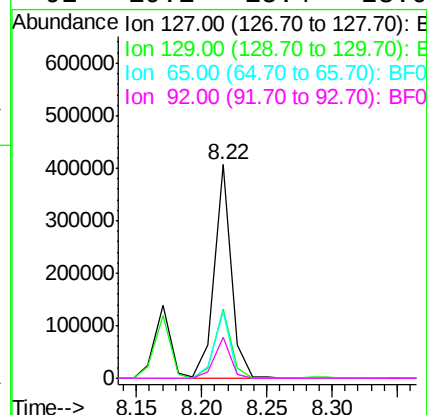
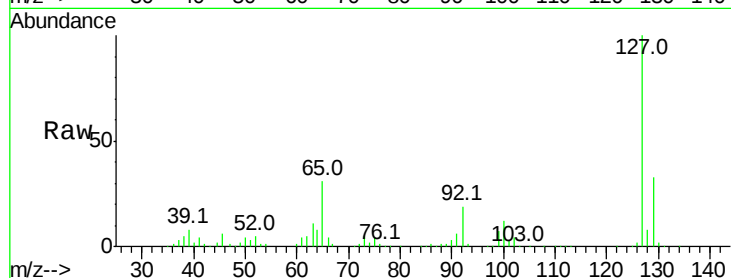
ClientSampleId :

ICVBF060416

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.6	26.3	39.5
65	30.9	24.7	37.1
92	19.1	15.4	23.0

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#34

Hexachlorobutadiene

Concen: 42.27 ng

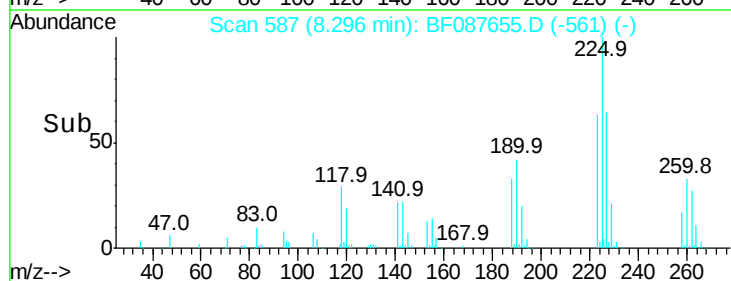
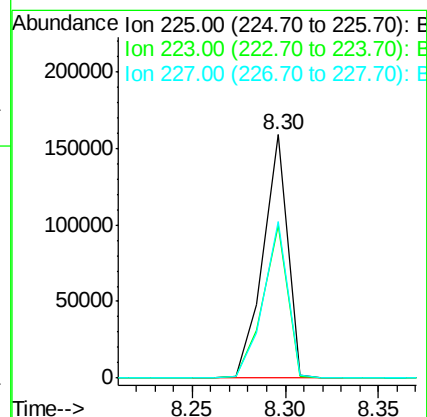
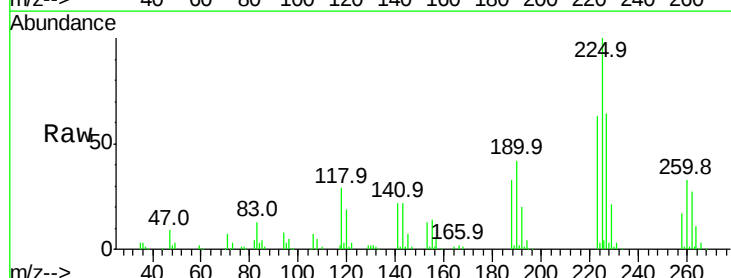
RT: 8.30 min Scan# 587

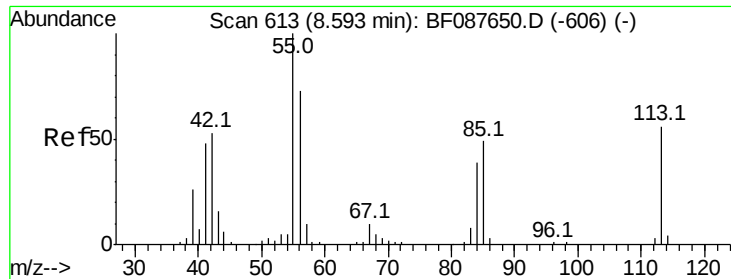
Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.9	50.9	76.3
227	64.4	51.9	77.9





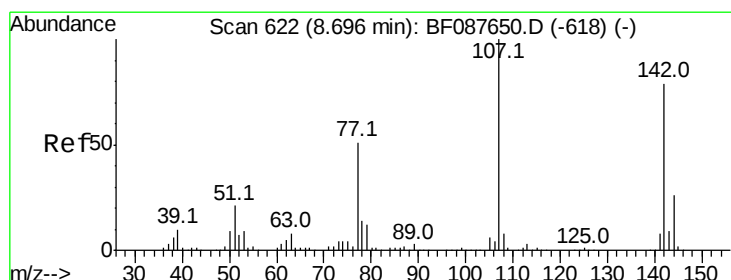
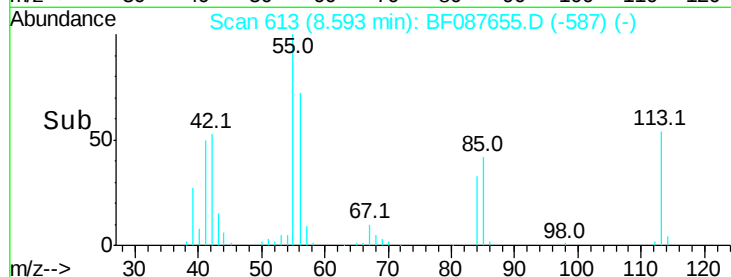
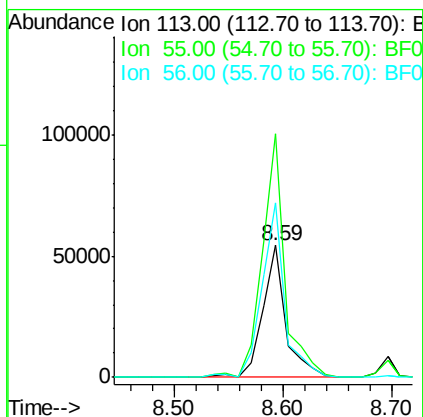
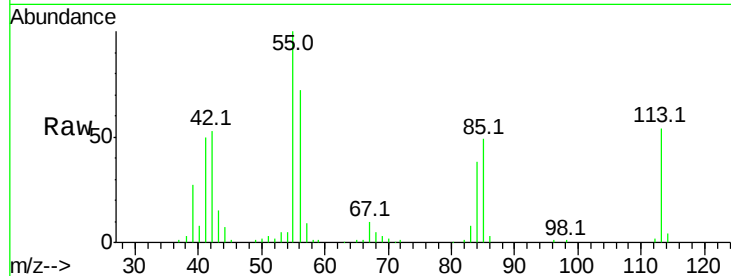
#35
Caprolactam
Concen: 38.97 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.6	158.6	198.6
56	132.6	110.6	150.6

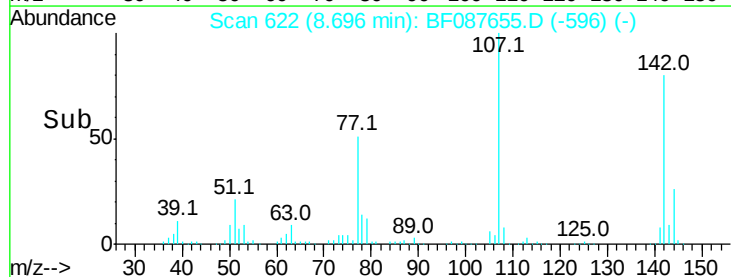
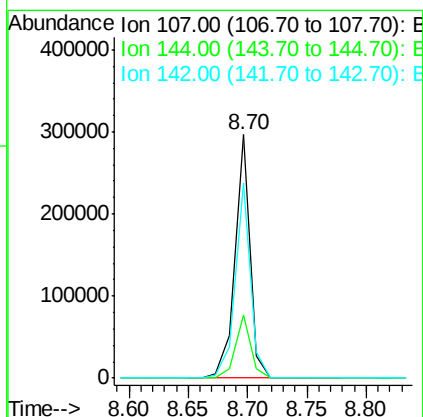
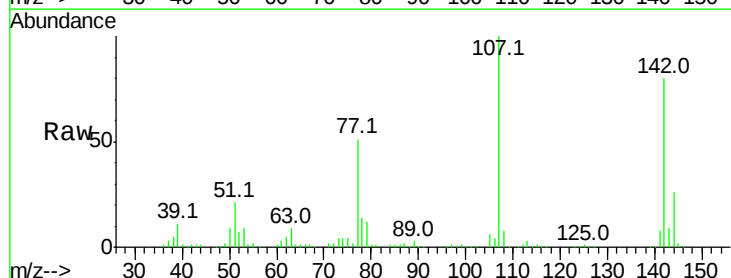
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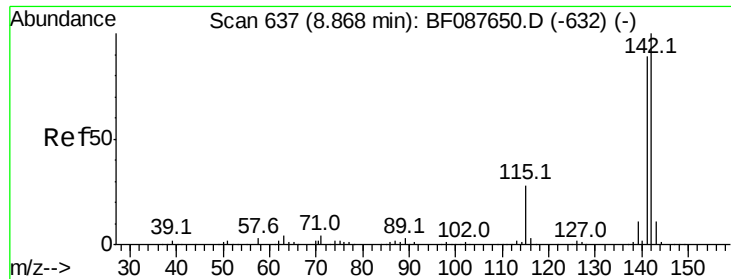
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#36
4-Chloro-3-methylphenol
Concen: 40.65 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.8	31.2
142	79.9	63.4	95.2





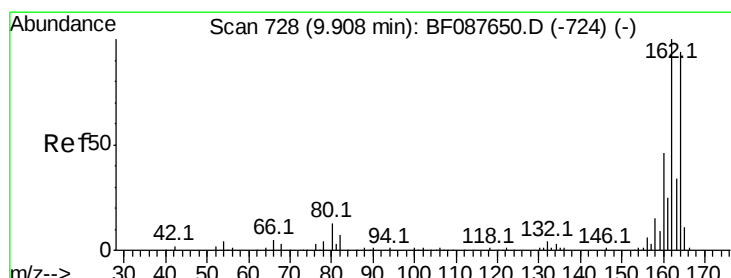
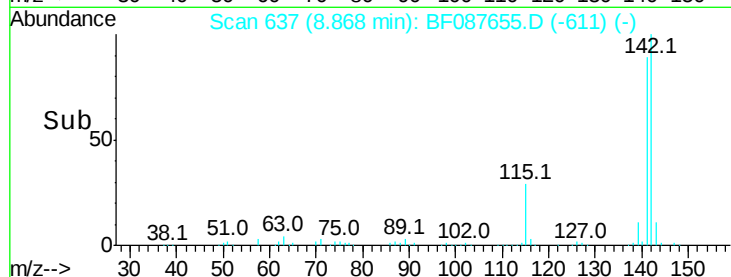
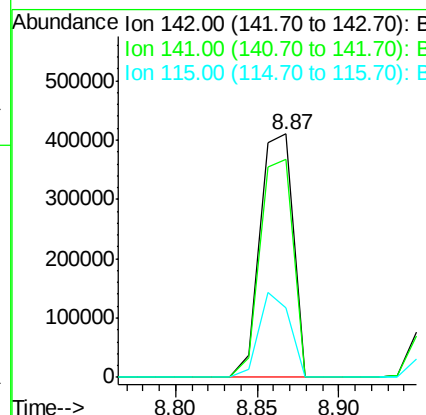
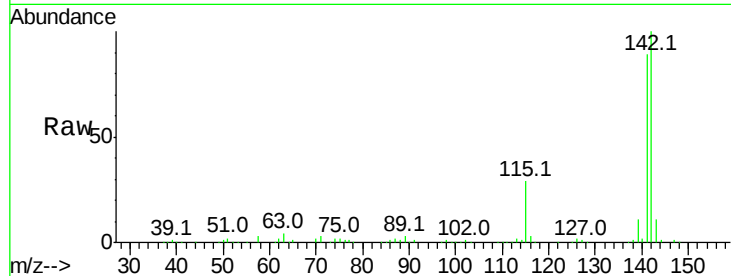
#37
2-Methylnaphthalene
Concen: 39.43 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	28.6	22.6	33.8

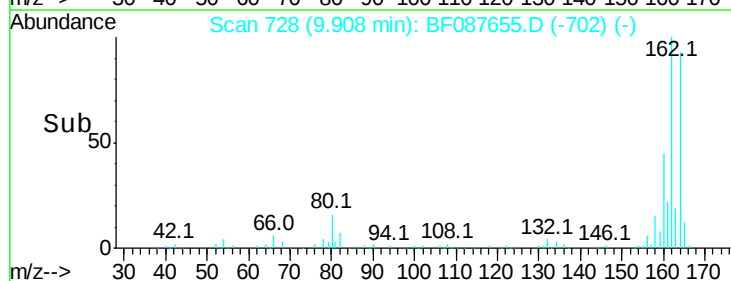
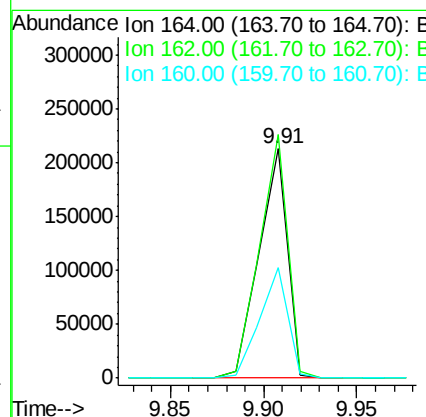
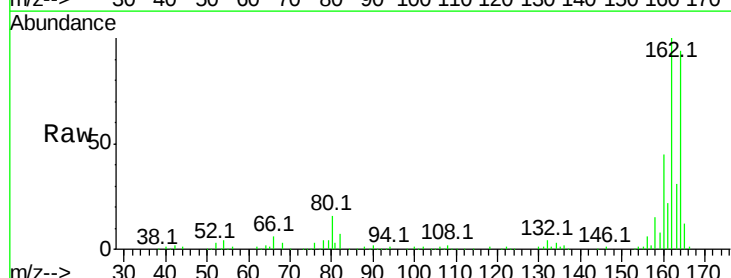
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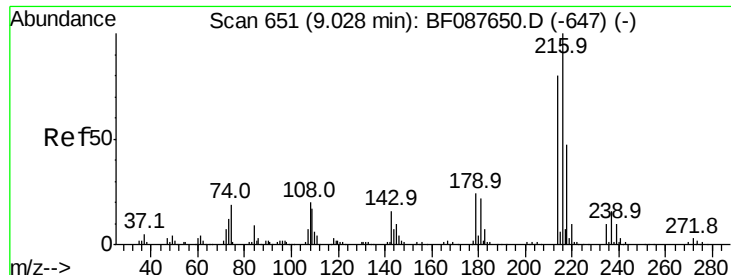
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.4	128.2
160	48.0	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.57 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

Tot Ion:216 Resp: 243126
Ion Ratio Lower Upper

216 100

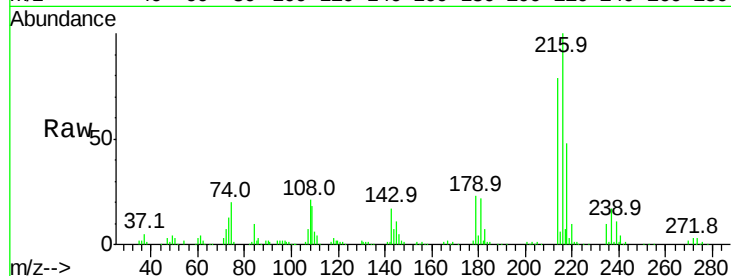
214 79.3 2.9 4.3#

179 23.1 0.0 0.0#

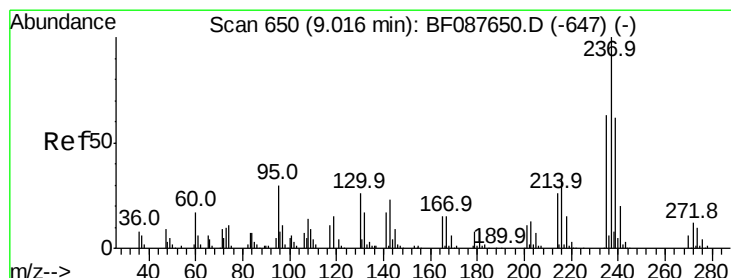
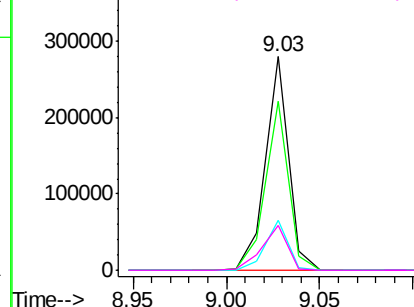
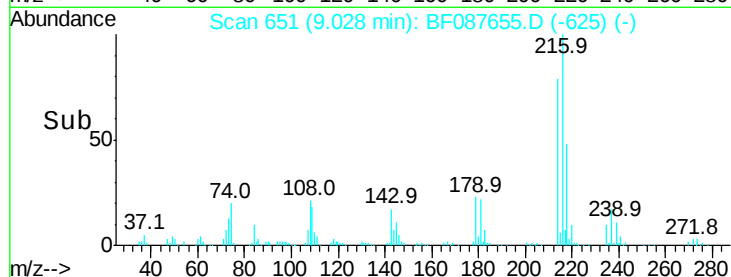
108 23.0 0.5 0.7#

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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: 38.09 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087655.D

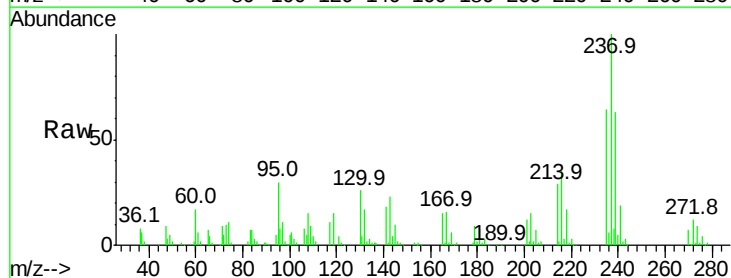
Acq: 4 Jun 2016 9:43

Tgt Ion:237 Resp: 137672
Ion Ratio Lower Upper

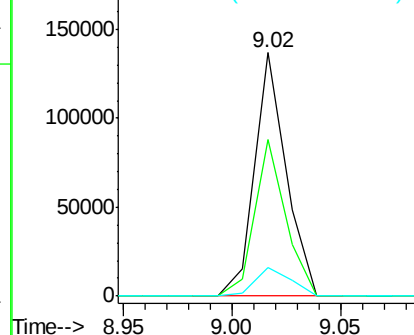
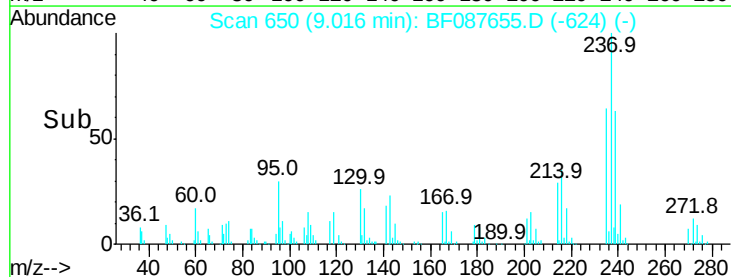
237 100

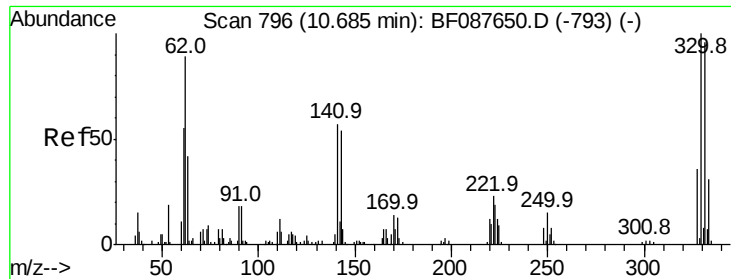
235 64.3 43.4 83.4

272 12.0 0.0 32.3



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





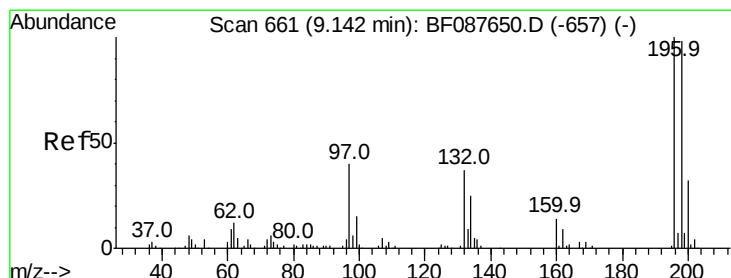
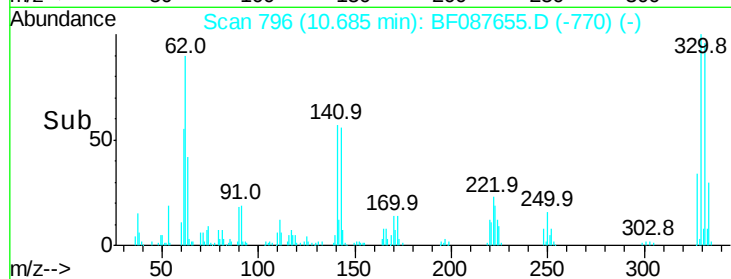
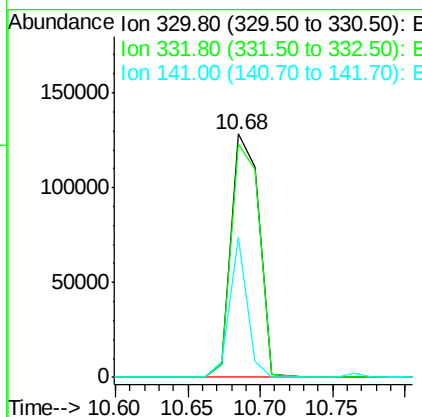
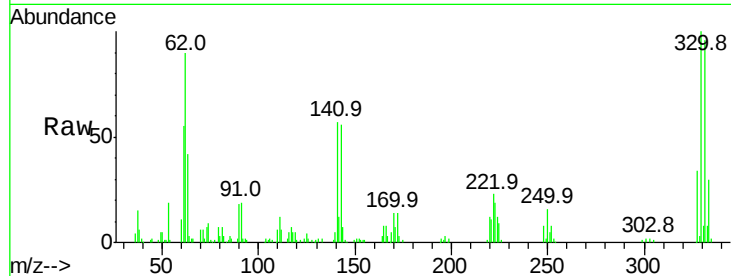
#41
 2,4,6-Tribromophenol
 Concen: 76.27 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	36.7	0.0	0.0#

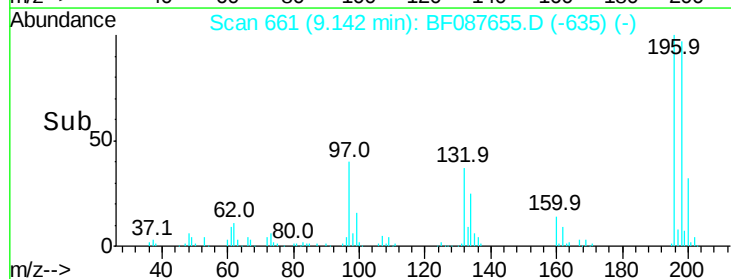
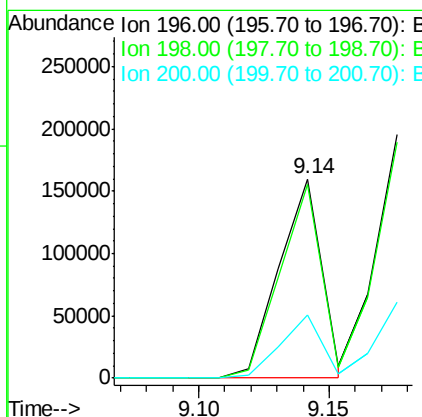
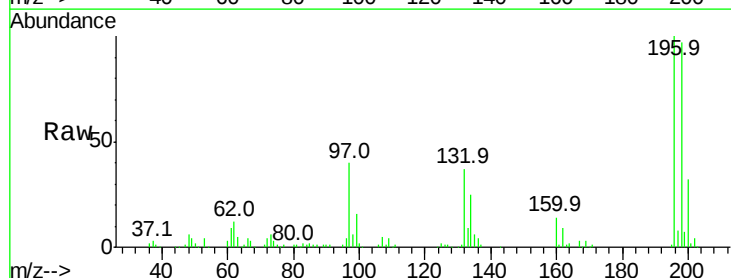
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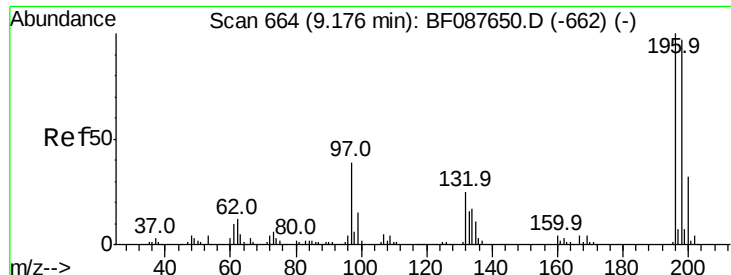
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#42
 2,4,6-Trichlorophenol
 Concen: 39.16 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.3	78.0	117.0
200	31.6	25.4	38.2





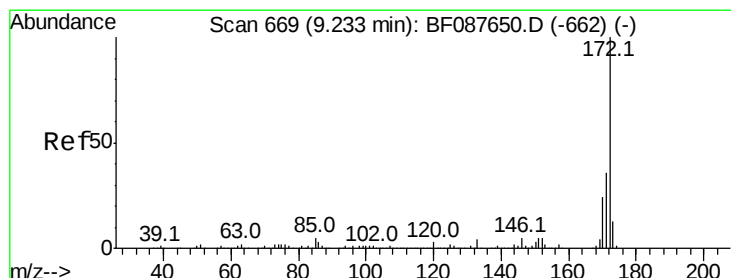
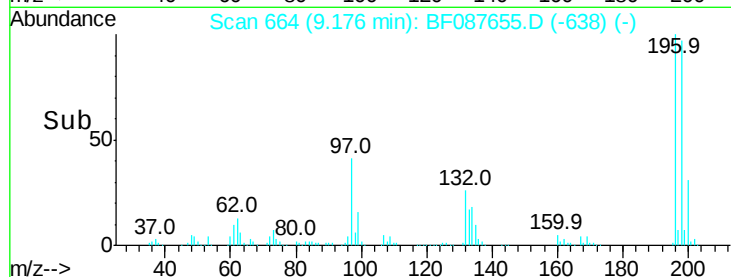
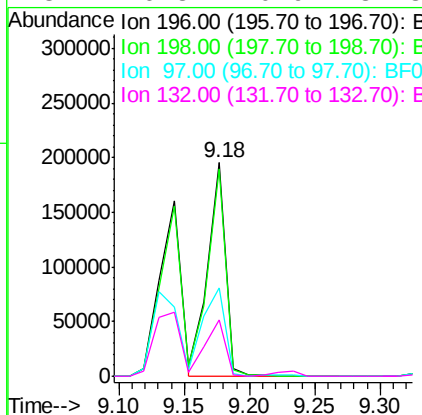
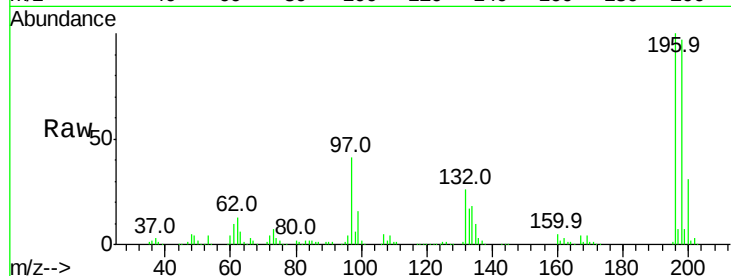
#43
 2,4,5-Trichlorophenol
 Concen: 43.24 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tot Ion	196	Resp	186739
Ion Ratio	Lower	Upper	
196	100		
198	96.8	77.5	116.3
97	41.4	32.0	48.0
132	26.3	20.9	31.3

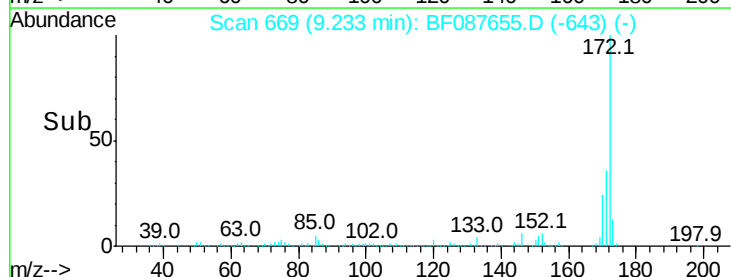
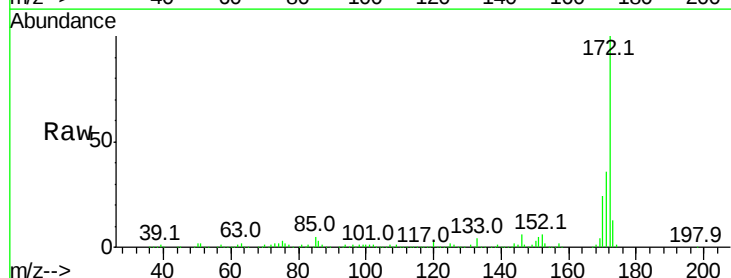
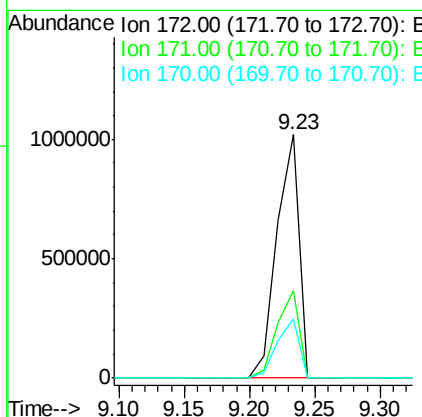
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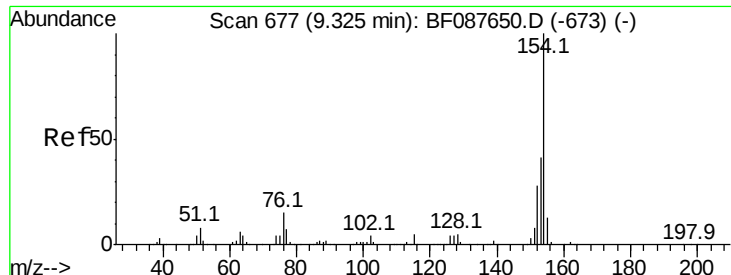
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#44
 2-Fluorobiphenyl
 Concen: 83.77 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion	172	Resp	1222392
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.6	43.0
170	24.1	19.2	28.8





#45

1,1'-Biphenyl

Concen: 35.84 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

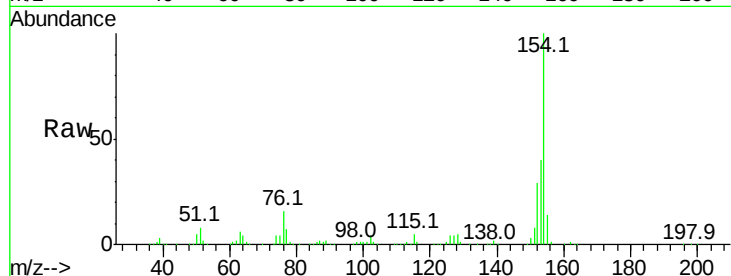
ClientSampleId :

ICVBF060416

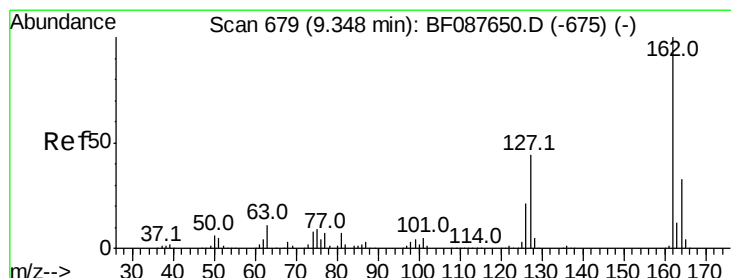
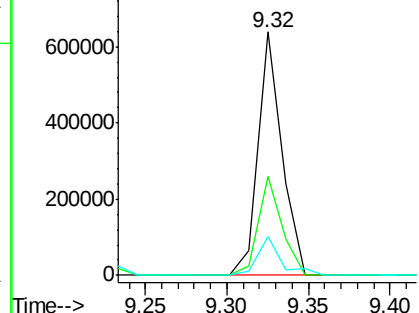
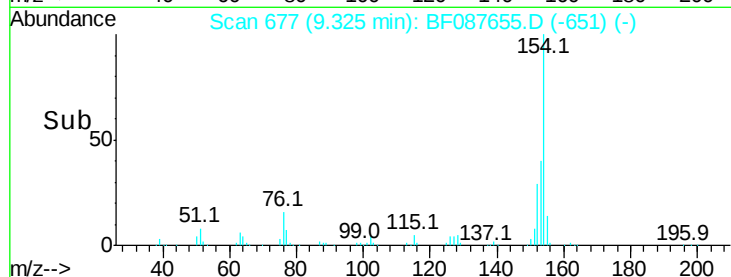
Tot Ion:	154	Resp:	648419
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.6	60.6
76	16.1	0.0	35.1

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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: 36.29 ng

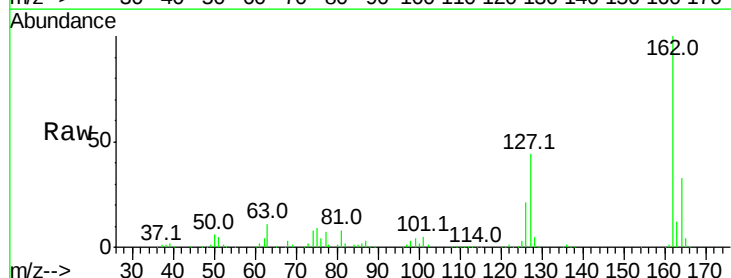
RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

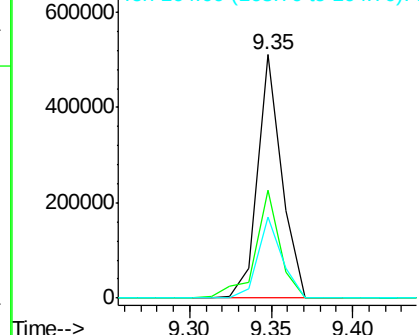
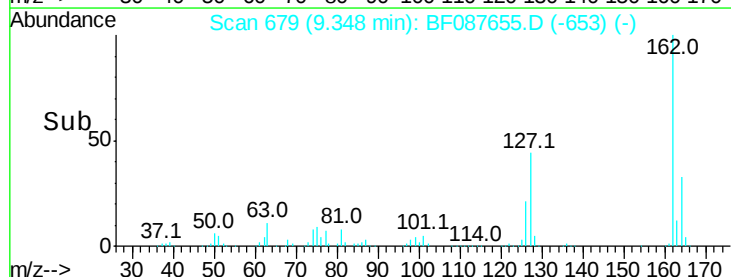
Lab File: BF087655.D

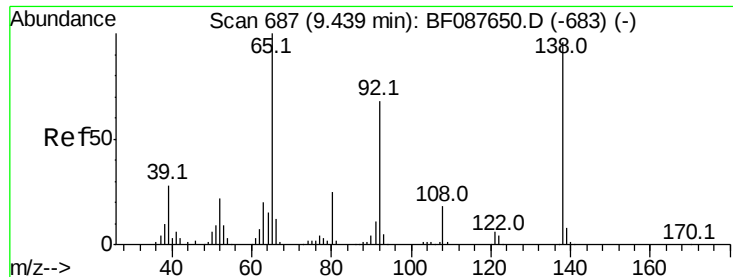
Acq: 4 Jun 2016 9:43

Tgt Ion:	162	Resp:	522615
Ion Ratio	Lower	Upper	
162	100		
127	44.4	35.2	52.8
164	33.5	26.6	39.8



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: 37.01 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

Tot Ion: 65 Resp: 150082

Ion Ratio Lower Upper

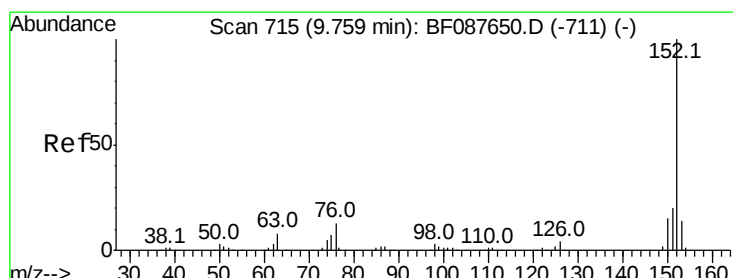
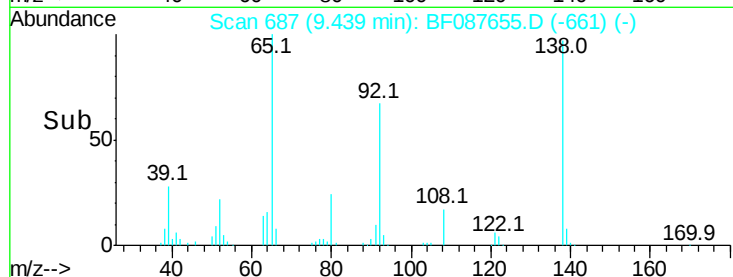
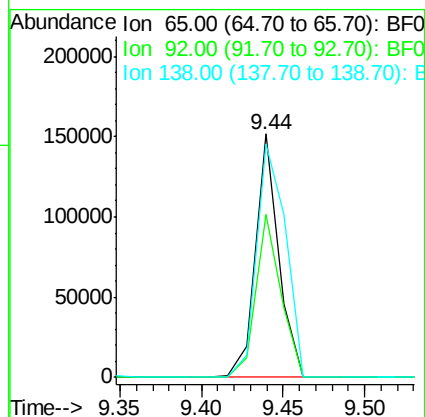
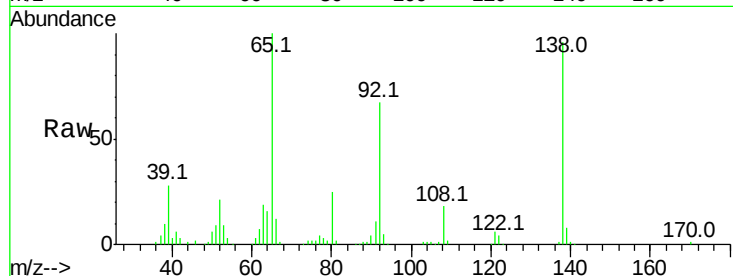
65 100

92 66.9 54.6 82.0

138 96.0 77.0 115.4

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#48

Acenaphthylene

Concen: 40.21 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

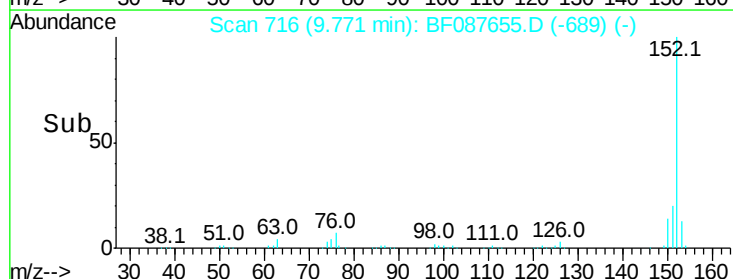
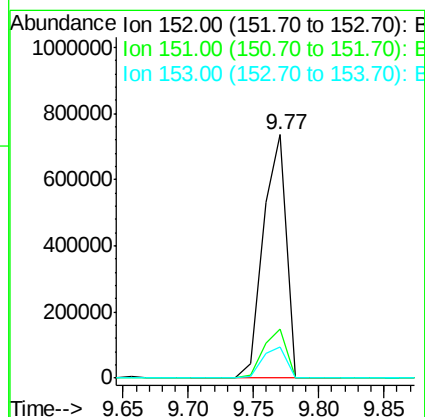
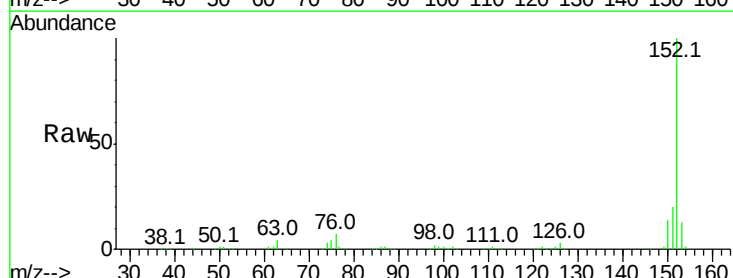
Tgt Ion: 152 Resp: 903053

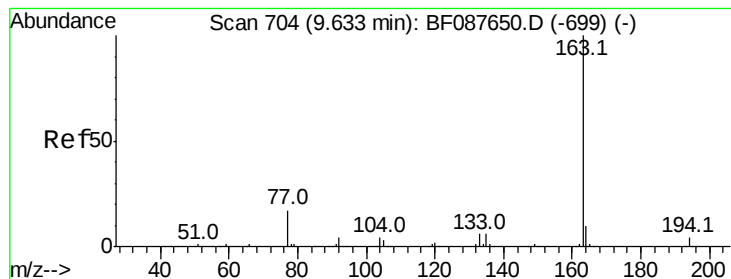
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.0 11.0 16.6





#49

Dimethylphthalate

Concen: 41.13 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

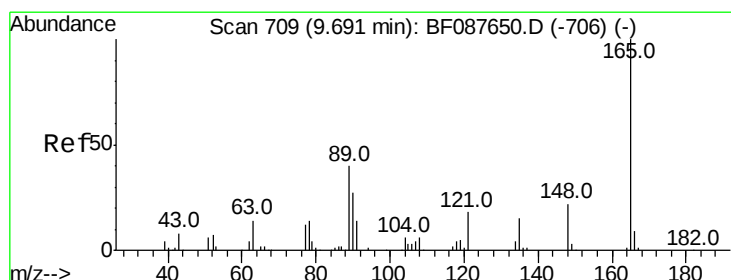
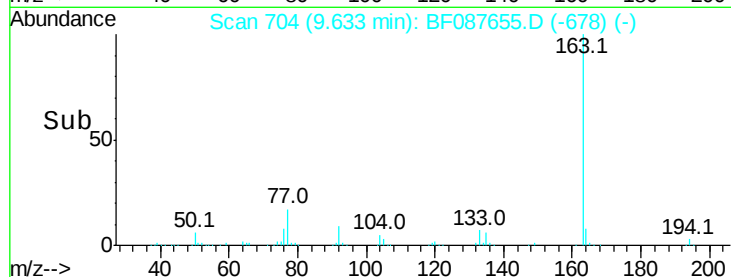
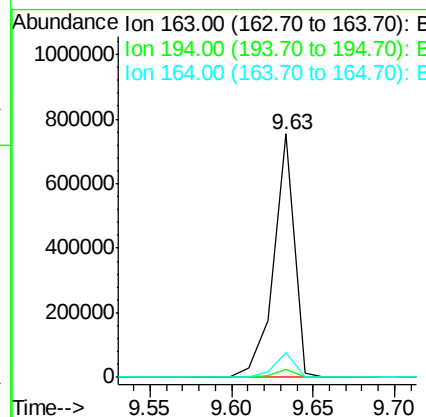
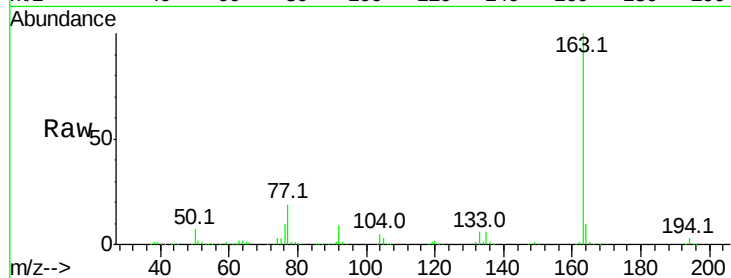
ClientSampleId :

ICVBF060416

Tot Ion:	163	Resp:	666679
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.8	4.2
164	10.3	8.3	12.5

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#50

2,6-Dinitrotoluene

Concen: 43.18 ng

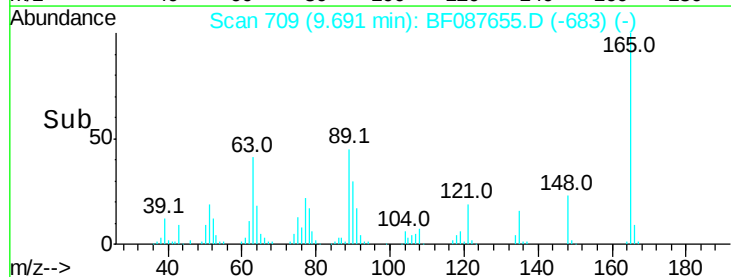
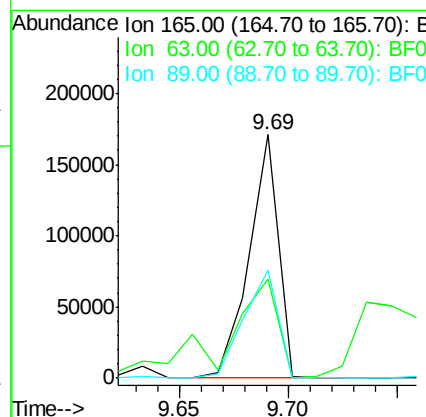
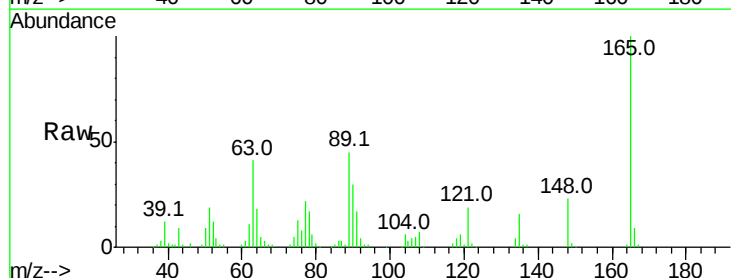
RT: 9.69 min Scan# 709

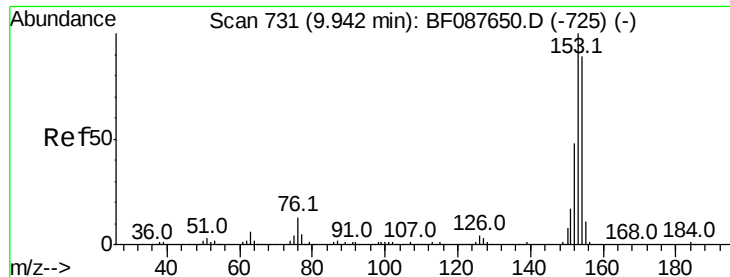
Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	165	Resp:	159227
Ion Ratio	Lower	Upper	
165	100		
63	40.7	28.1	42.1
89	44.5	32.2	48.2





#51

Acenaphthene

Concen: 40.27 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

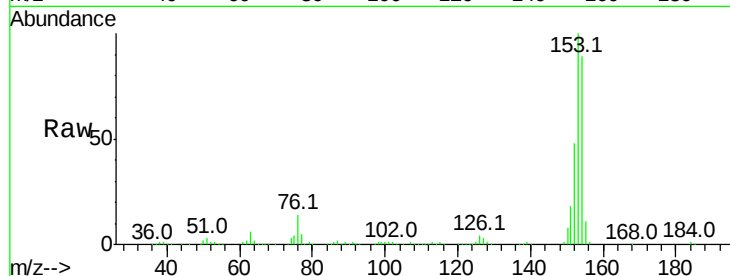
ClientSampleId :

ICVBF060416

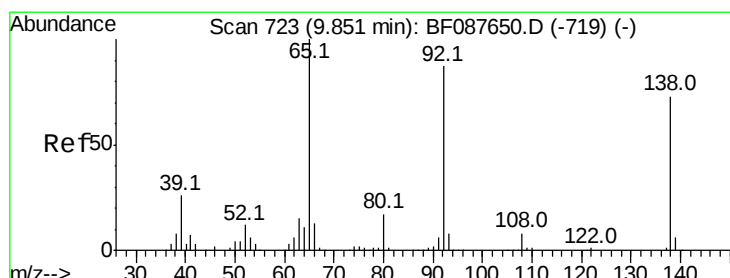
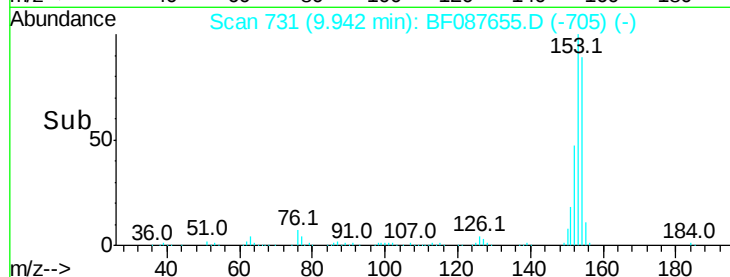
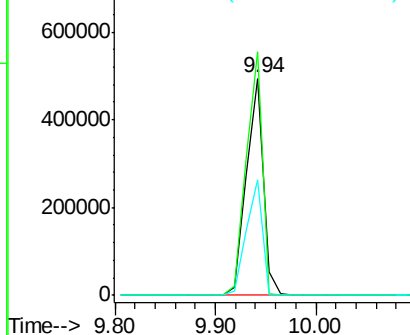
Tot Ion:	154	Resp:	581879
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.5	134.3
152	53.4	42.7	64.1

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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: 36.91 ng

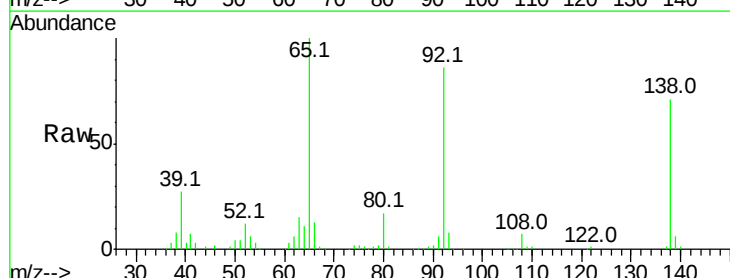
RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

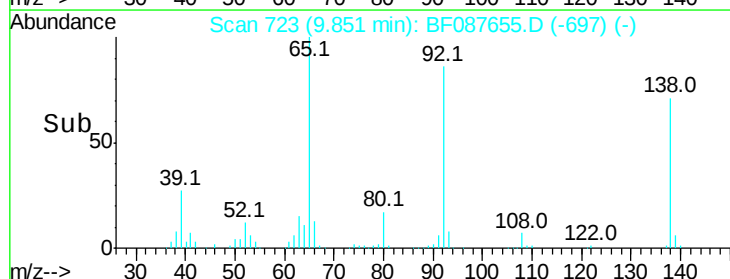
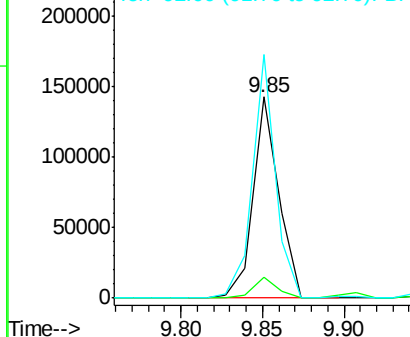
Lab File: BF087655.D

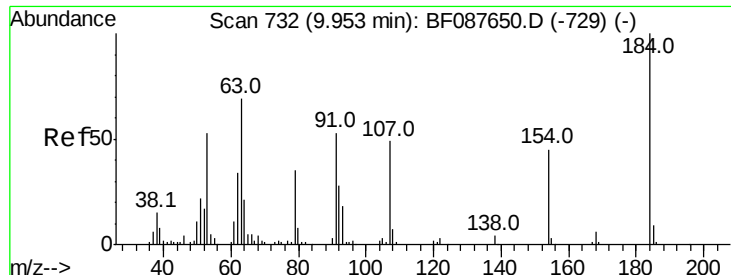
Acq: 4 Jun 2016 9:43

Tgt Ion:	138	Resp:	155677
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.5	12.7
92	121.0	95.7	143.5



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





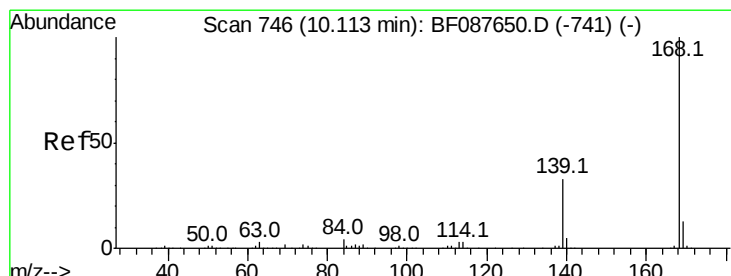
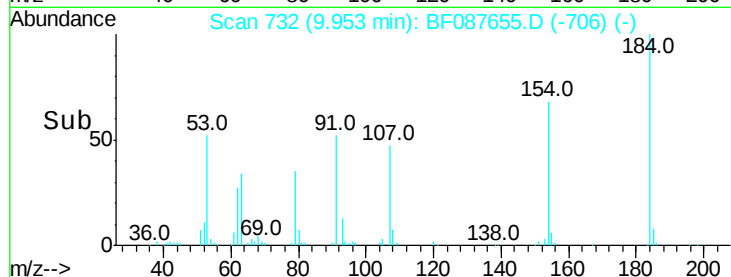
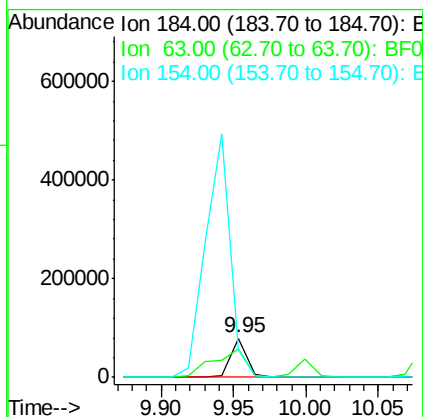
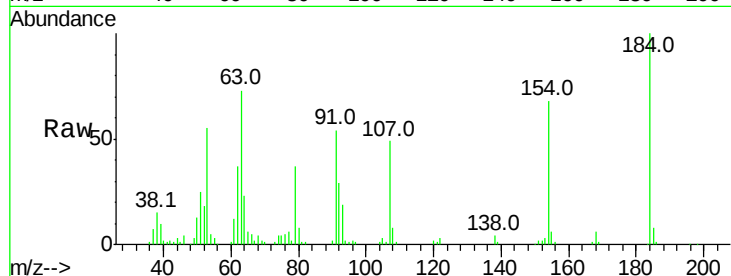
#53
2,4-Dinitrophenol
Concen: 40.51 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.8	57.6	86.4
154	68.2	53.5	80.3

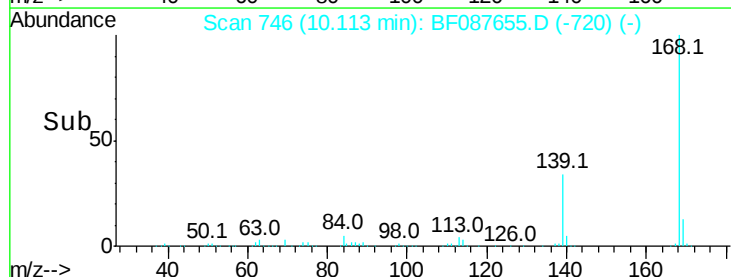
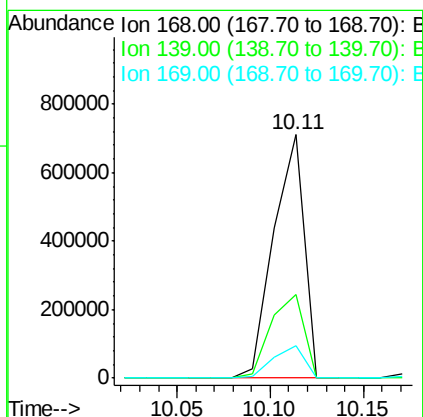
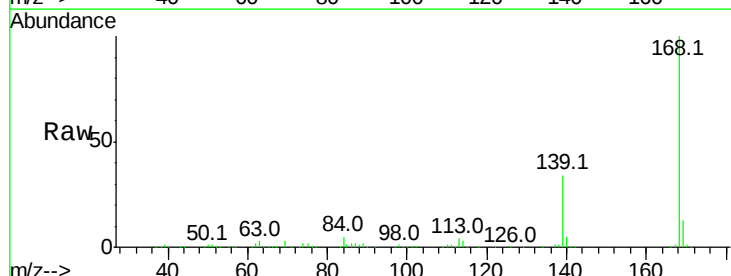
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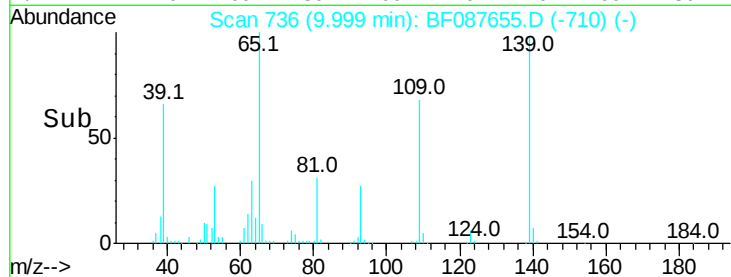
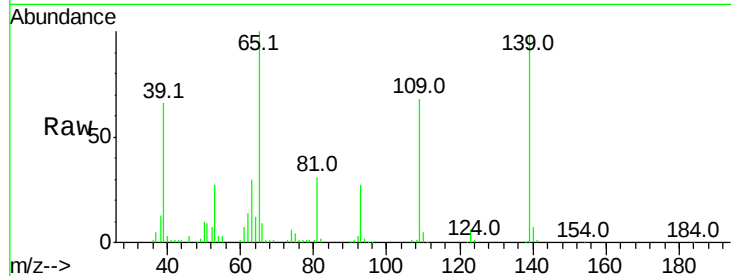
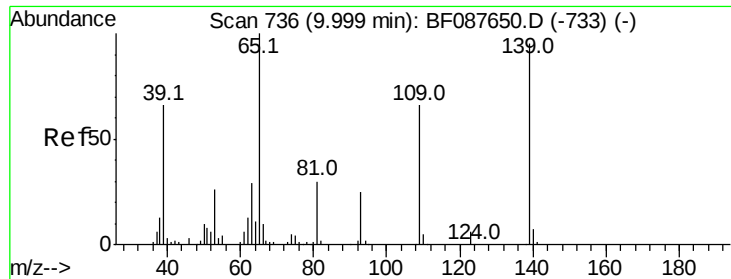
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#54
Dibenzofuran
Concen: 41.19 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.1	26.4	39.6
169	13.2	10.4	15.6





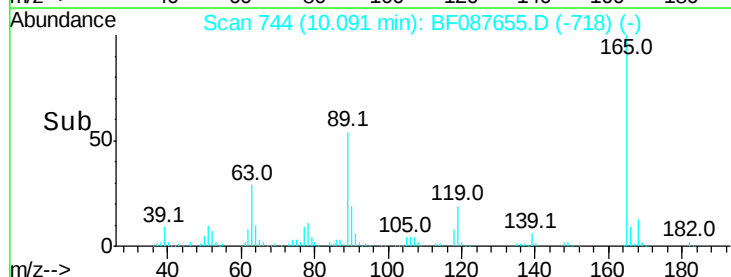
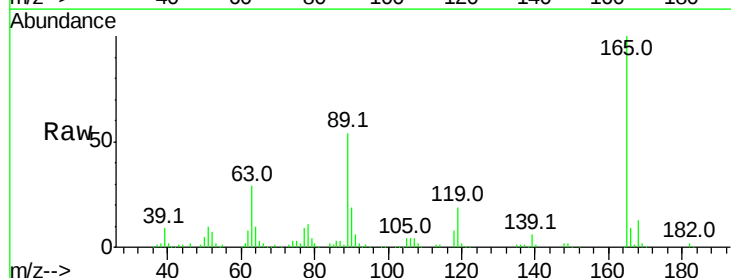
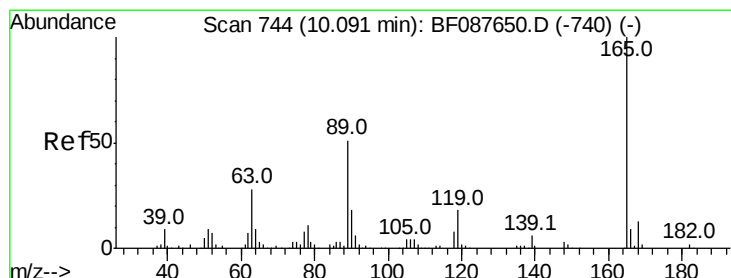
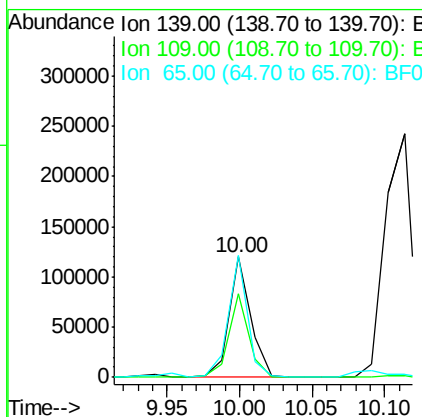
#55
4-Nitrophenol
Concen: 34.49 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ratio	Resp	Lower	Upper
139	100	124334		
109	69.3	48.9	88.9	
65	102.0	84.9	124.9	

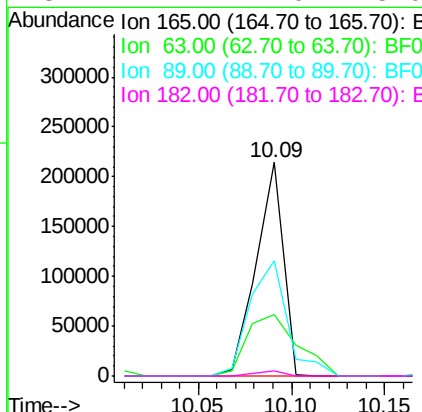
Manual Integrations
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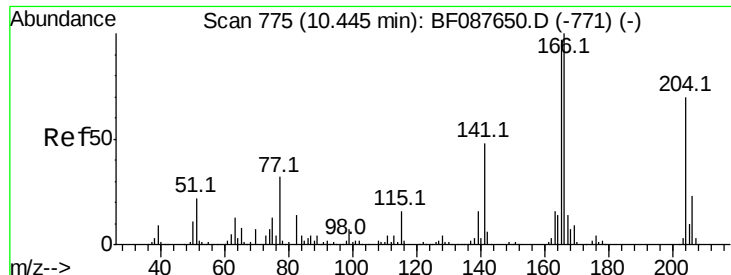
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#56
2,4-Dinitrotoluene
Concen: 45.91 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	215583		
63	28.5	22.0	33.0	
89	53.9	41.1	61.7	
182	2.4	2.0	3.0	





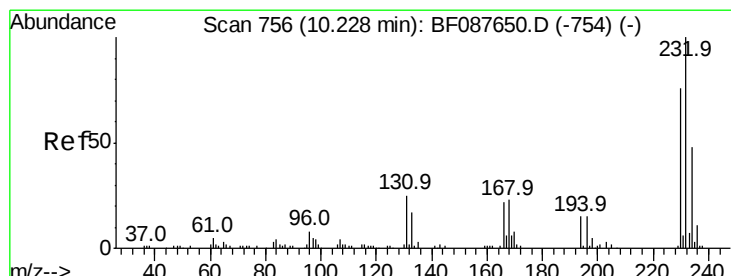
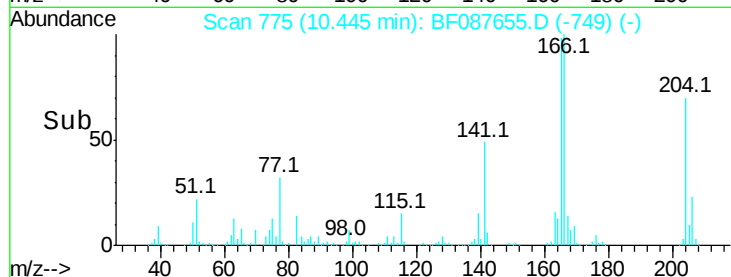
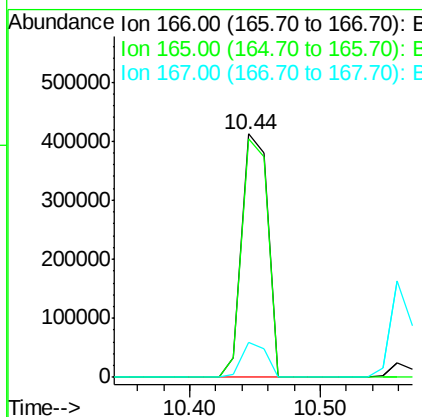
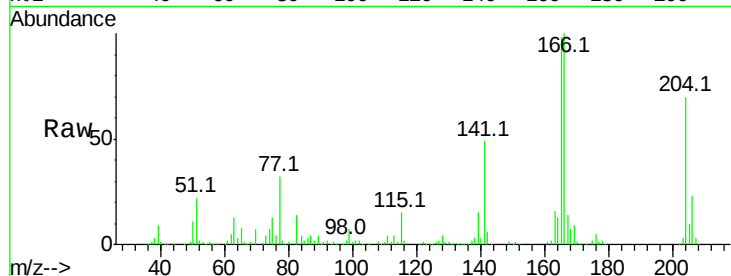
#57
Fluorene
 Concen: 36.88 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tot Ion:	166	Resp:	567212
Ion Ratio	Lower	Upper	
166	100		
165	98.2	77.8	116.8
167	14.2	11.2	16.8

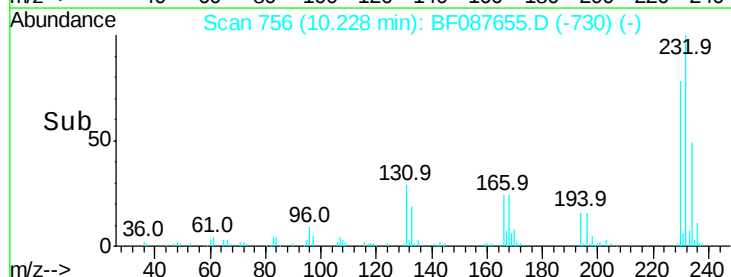
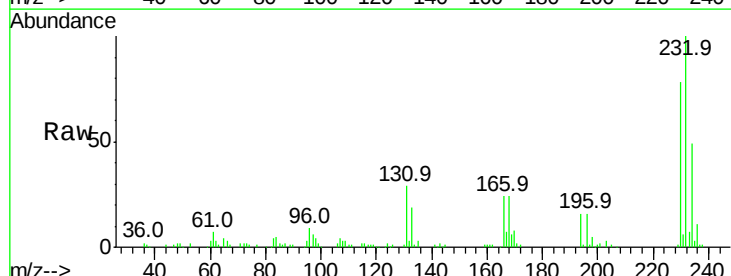
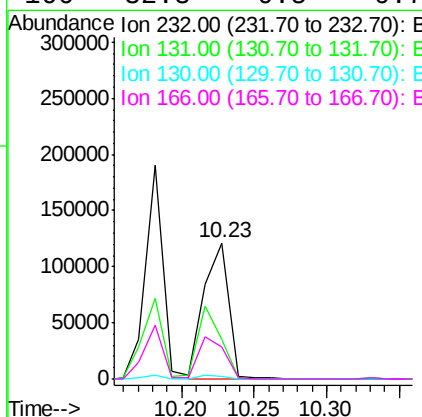
Manual Integrations
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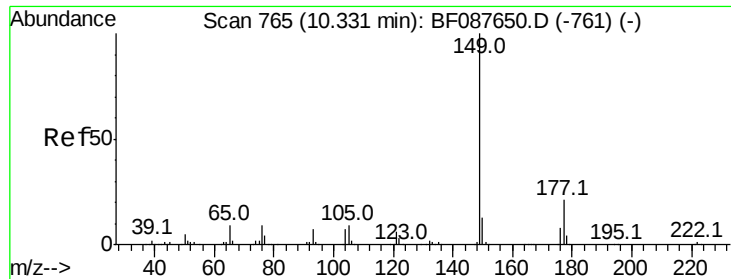
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.93 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion:	232	Resp:	144816
Ion Ratio	Lower	Upper	
232	100		
131	49.6	0.9	1.3#
130	2.4	1.5	2.3#
166	32.8	0.5	0.7#





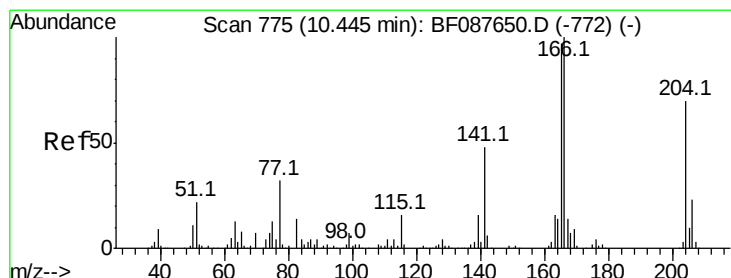
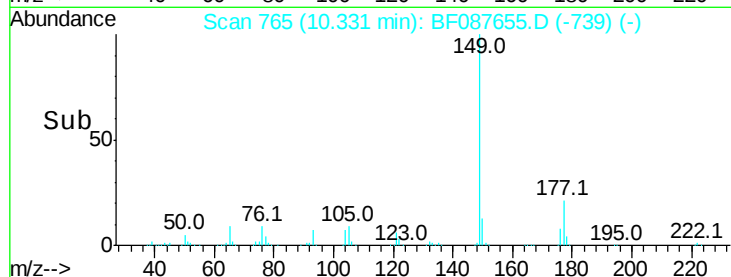
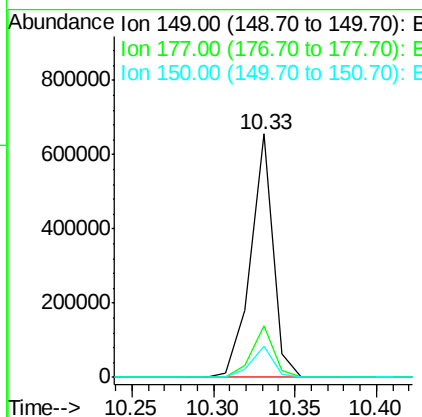
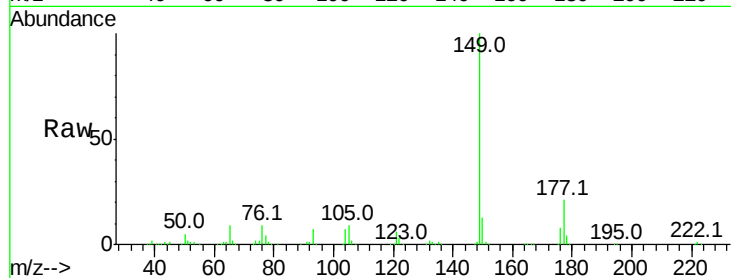
#59
Diethylphthalate
Concen: 38.37 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ratio	Resp	Lower	Upper
149	100	624528		
177	21.3	16.9	25.3	
150	12.7	10.1	15.1	

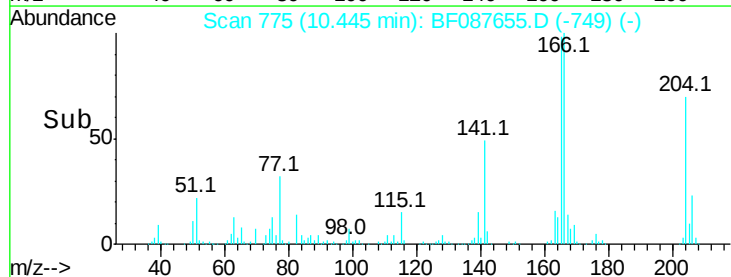
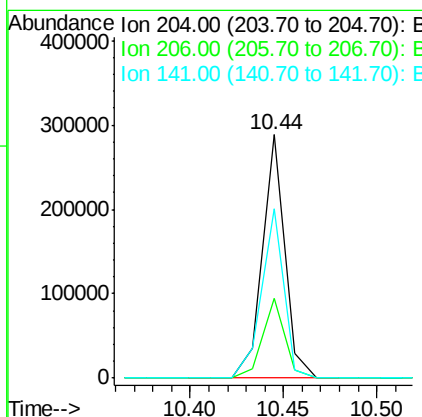
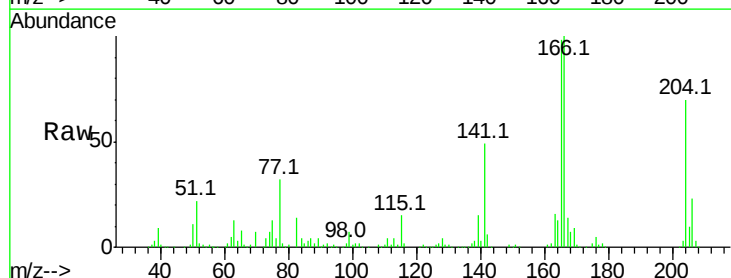
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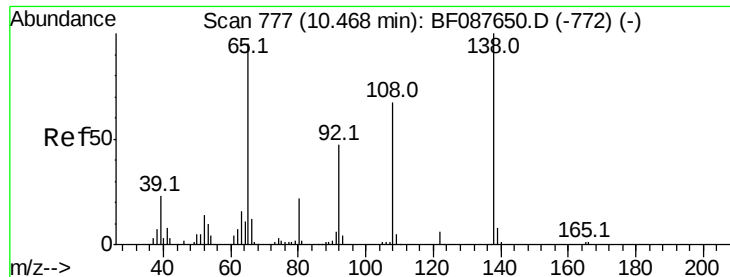
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#60
4-Chlorophenyl-phenylether
Concen: 38.84 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	242975		
206	33.0	26.3	39.5	
141	69.4	55.0	82.6	





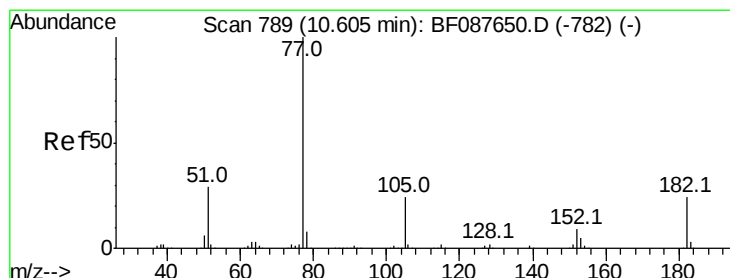
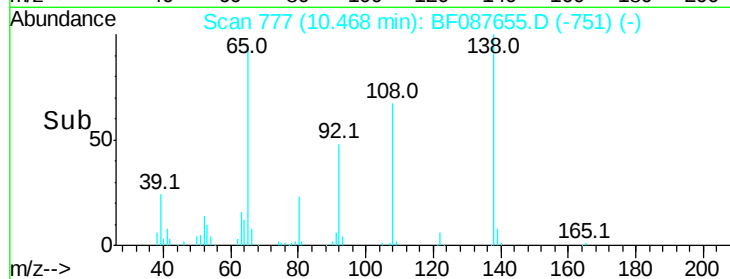
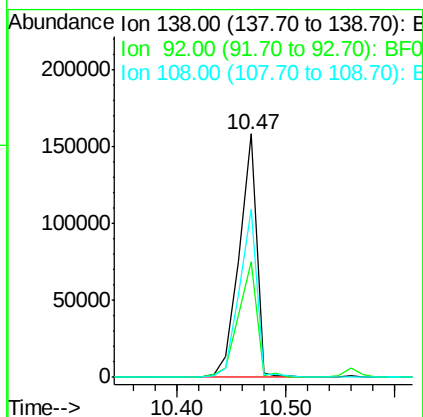
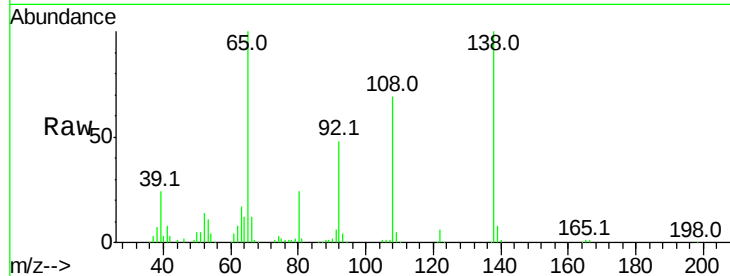
#61
4-Nitroaniline
Concen: 43.29 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ratio	Resp	Lower	Upper
138	100	175516		
92	47.7	27.3	67.3	
108	69.2	46.7	86.7	

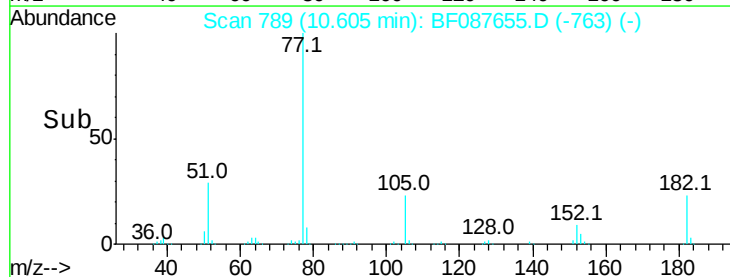
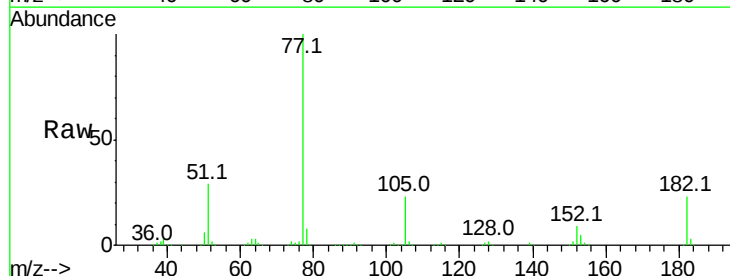
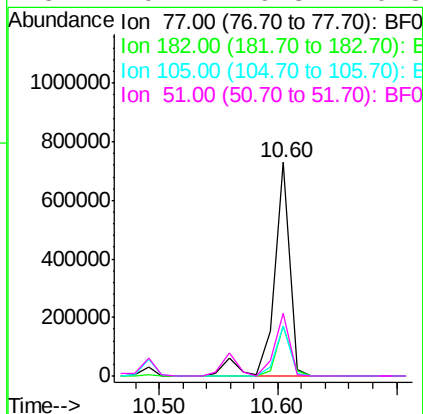
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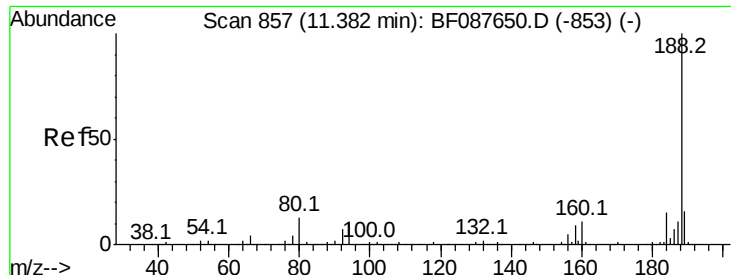
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#62
Azobenzene
Concen: 41.60 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	681516		
182	23.1	4.4	44.4	
105	23.1	3.8	43.8	
51	29.1	9.3	49.3	





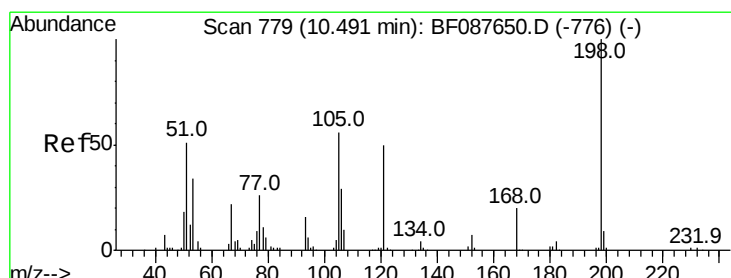
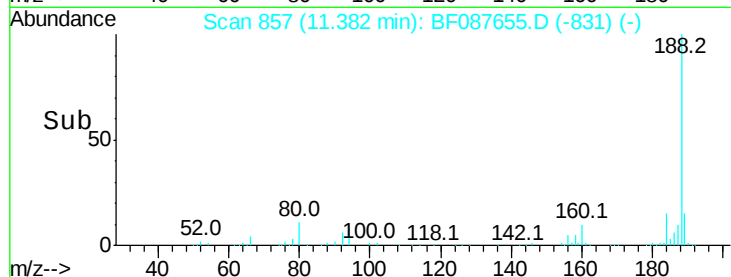
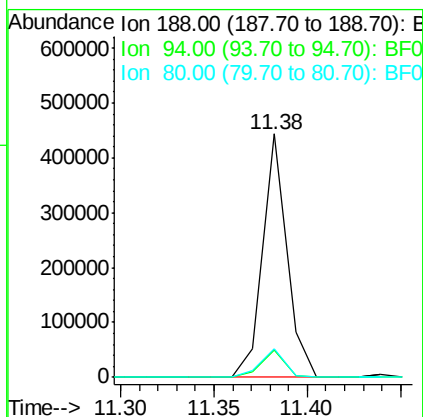
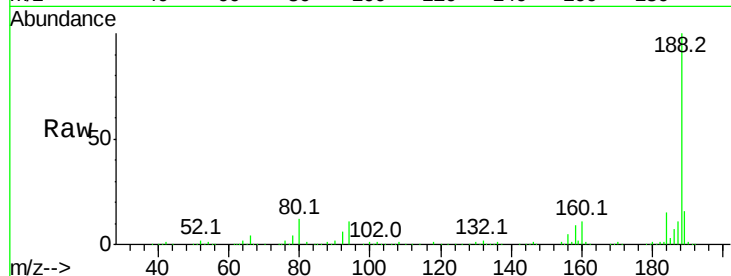
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.2	9.0	13.6
80	11.8	10.0	15.0

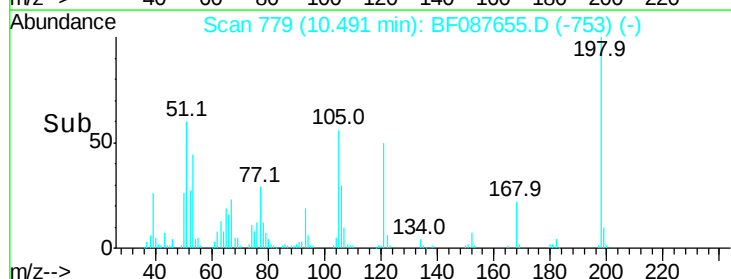
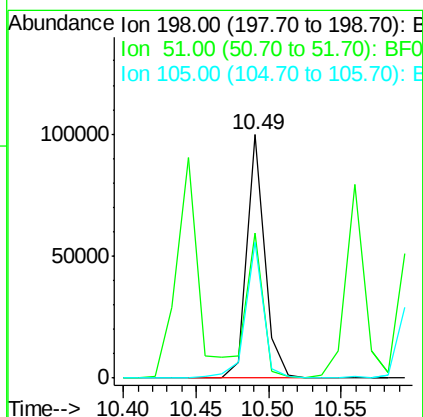
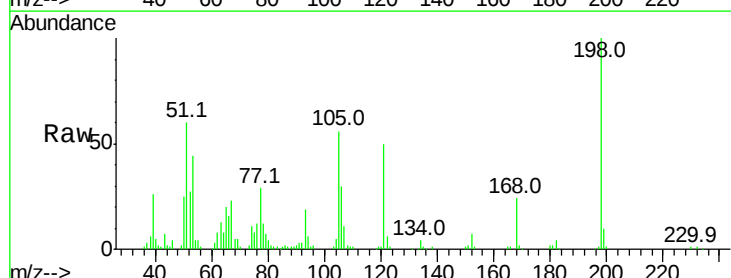
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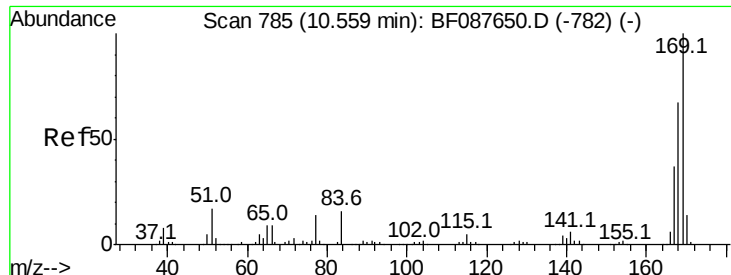
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.96 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	59.7	39.6	79.6
105	55.8	36.6	76.6





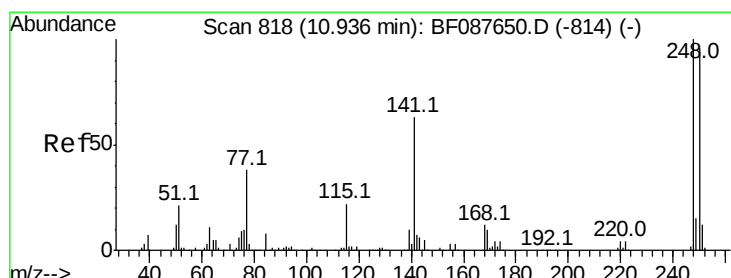
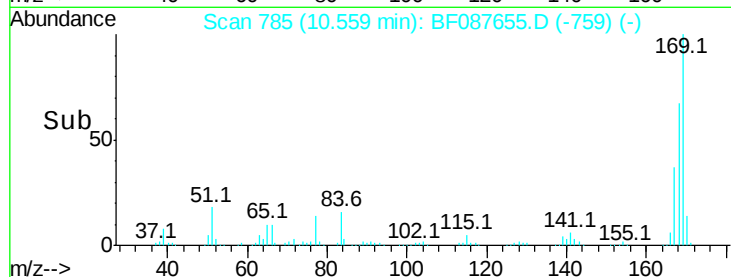
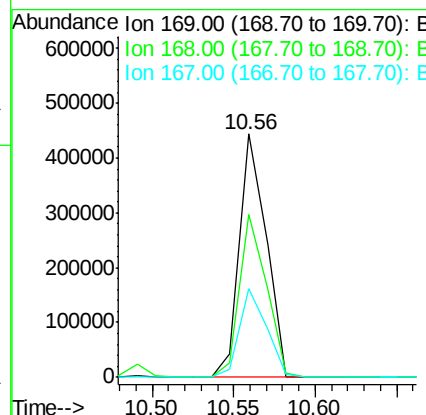
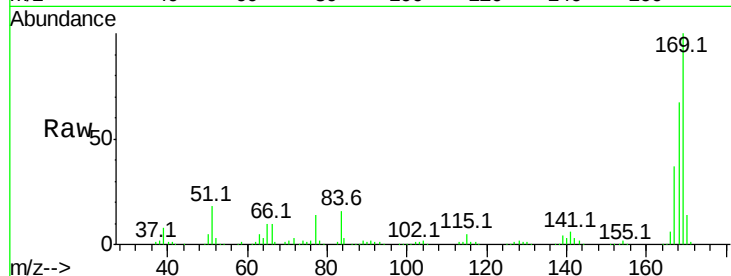
#65
n-Nitrosodiphenylamine
Concen: 38.42 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tot Ion	Ratio	Resp	Lower	Upper
169	100	501529		
168	67.1		53.4	80.0
167	36.5		29.4	44.0

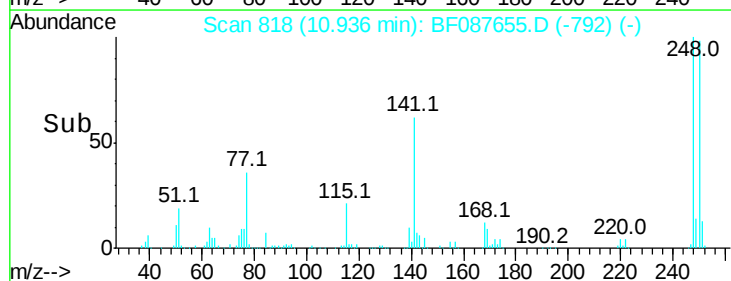
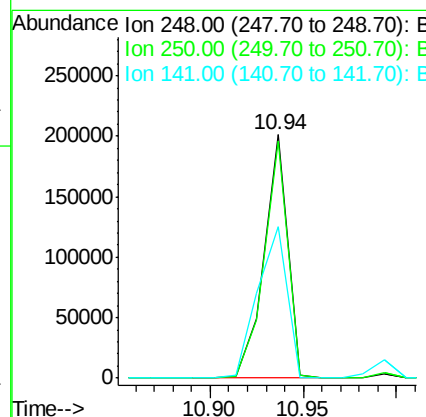
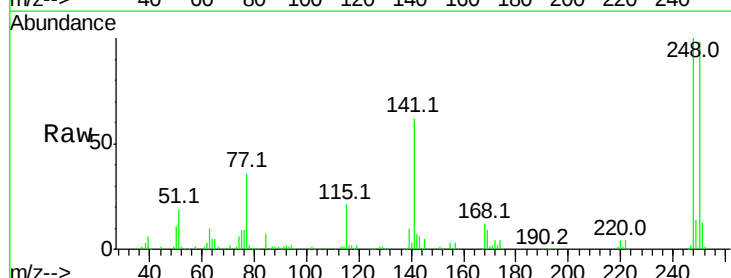
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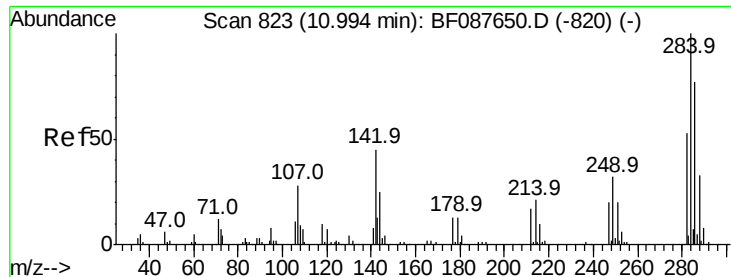
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#66
4-Bromophenyl-phenylether
Concen: 44.08 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	174206		
250	97.6		77.1	115.7
141	62.4		50.6	76.0





#67

Hexachlorobenzene

Concen: 37.84 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

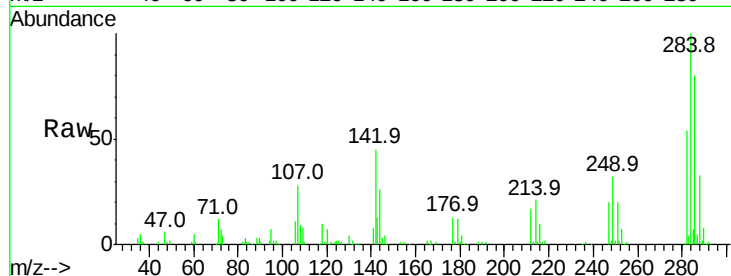
ClientSampled :

ICVBF060416

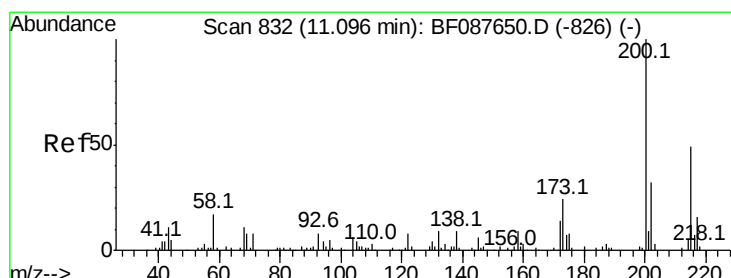
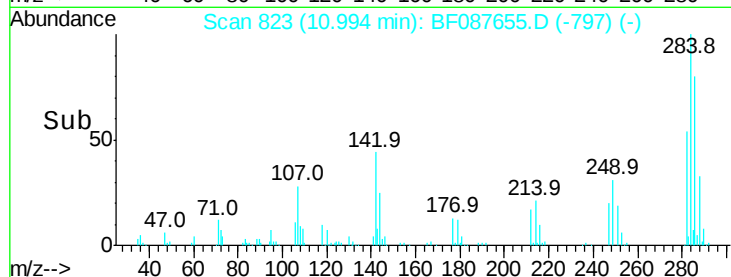
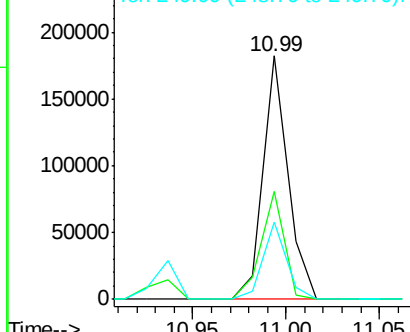
Tot Ion:	284	Resp:	167233
Ion Ratio	Lower	Upper	
284	100		
142	44.6	35.8	53.8
249	31.6	25.8	38.6

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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: 42.14 ng

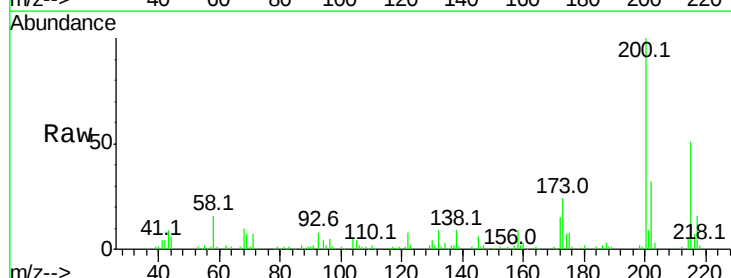
RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

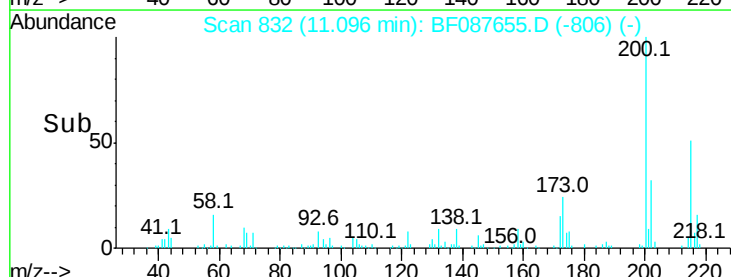
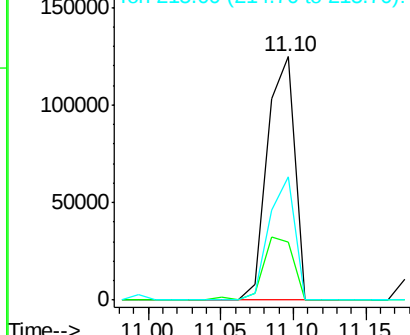
Lab File: BF087655.D

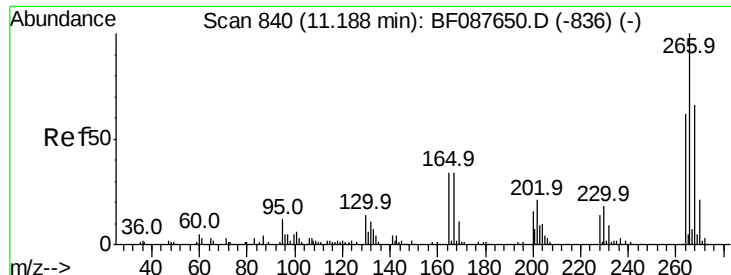
Acq: 4 Jun 2016 9:43

Tgt Ion:	200	Resp:	162946
Ion Ratio	Lower	Upper	
200	100		
173	24.0	4.0	44.0
215	50.7	29.3	69.3



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





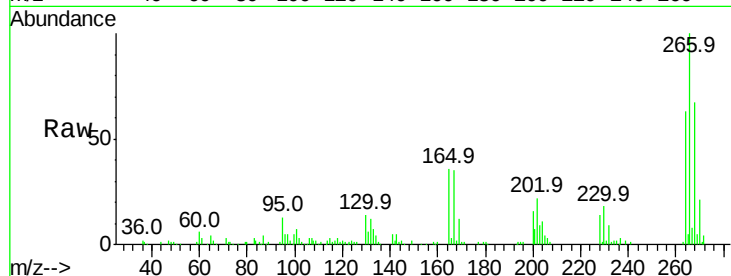
#69
 Pentachlorophenol
 Concen: 43.75 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

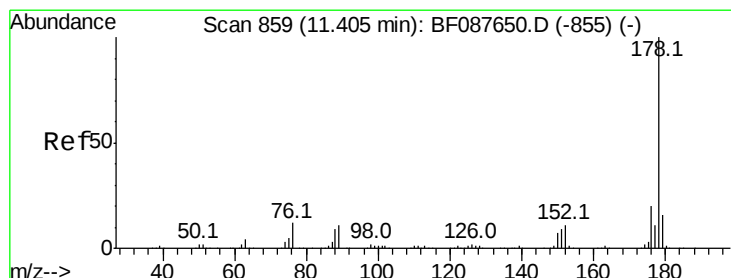
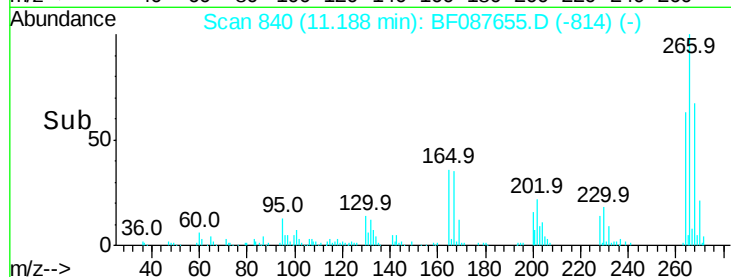
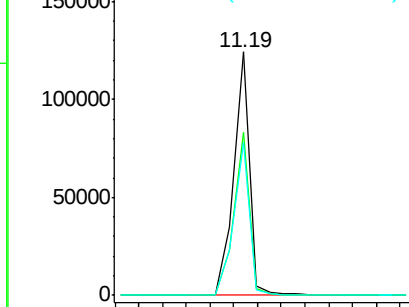
Tot Ion	Ratio	Resp	Lower	Upper
266	100	114886		
268	66.8	52.8	79.2	
264	62.8	49.6	74.4	

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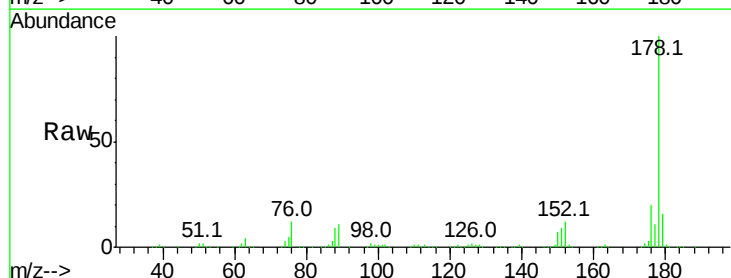


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

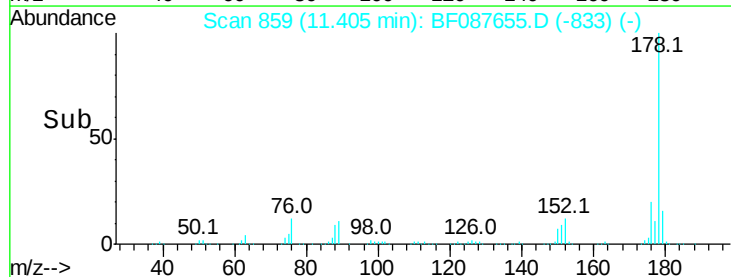
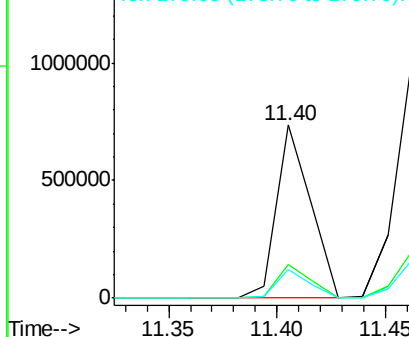


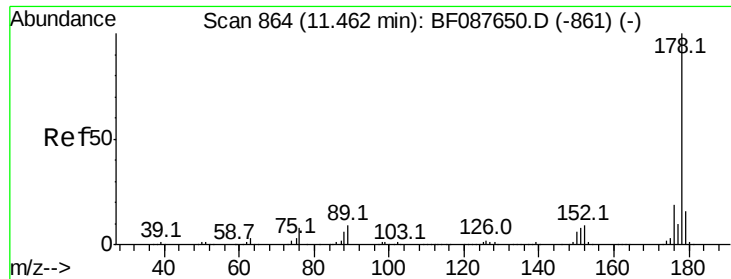
#70
 Phenanthrene
 Concen: 37.18 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	803427		
176	19.9	15.8	23.6	
179	16.3	13.0	19.4	



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





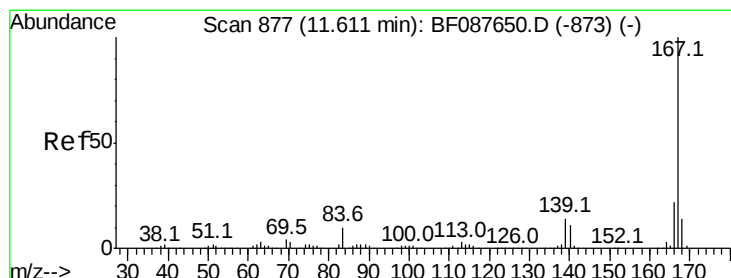
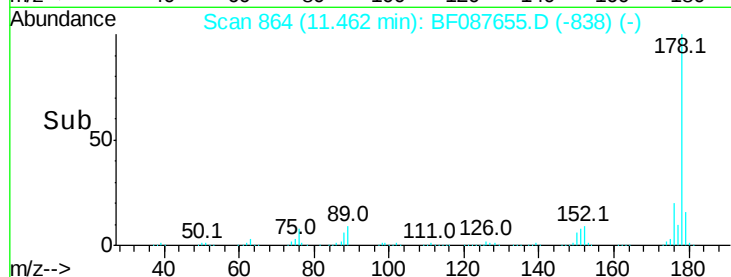
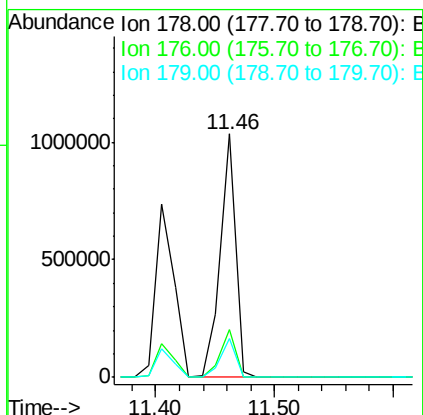
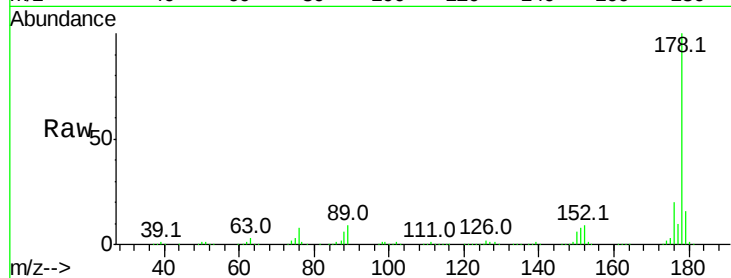
#71
 Anthracene
 Concen: 42.35 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.2	12.8	19.2

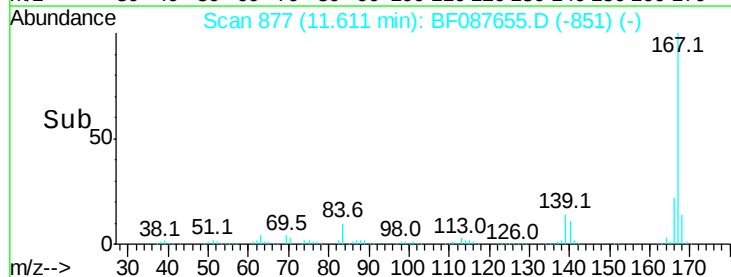
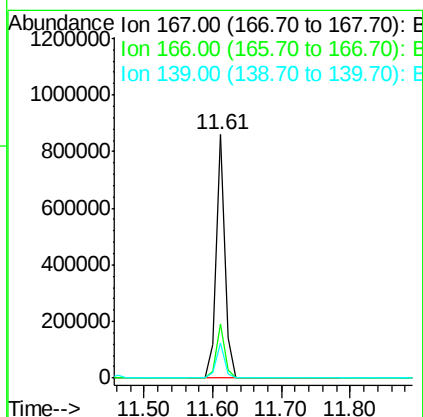
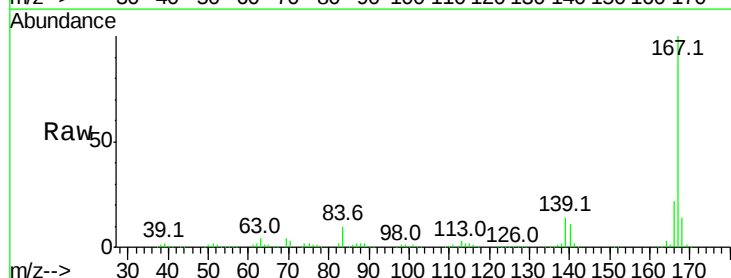
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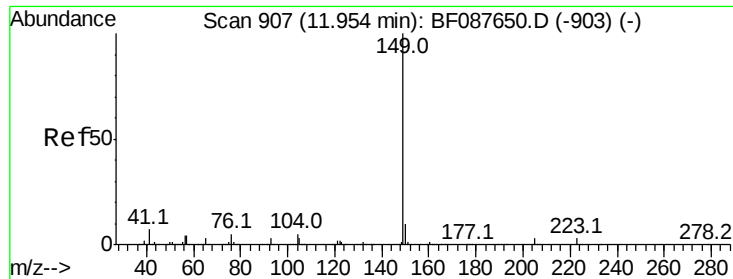
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#72
 Carbazole
 Concen: 37.75 ng
 RT: 11.61 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.1	11.2	16.8





#73

Di-n-butylphthalate

Concen: 42.94 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

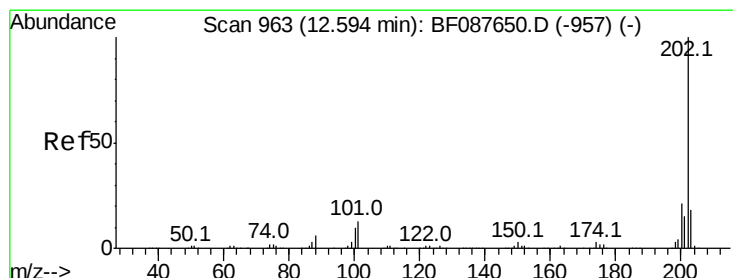
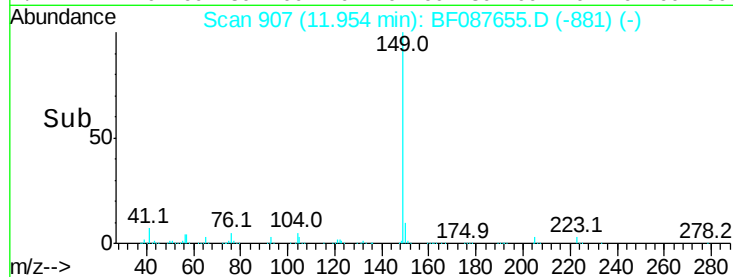
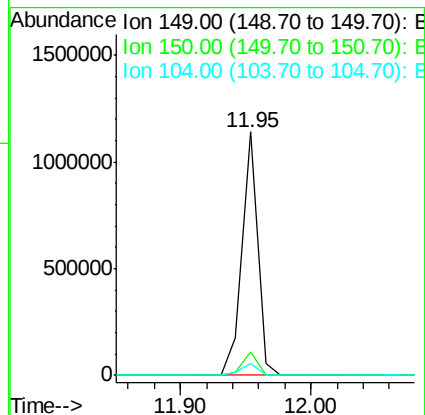
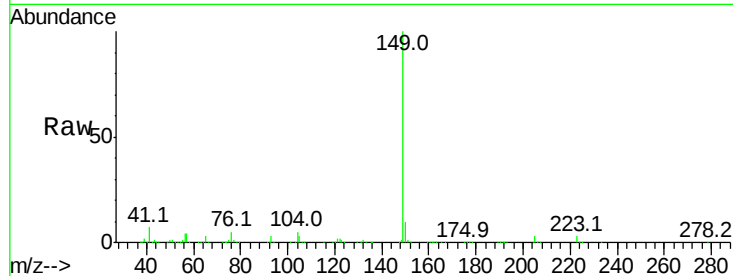
ClientSampleId :

ICVBF060416

Tot Ion:	149	Resp:	943583
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.0	4.0	6.0

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#74

Fluoranthene

Concen: 41.81 ng

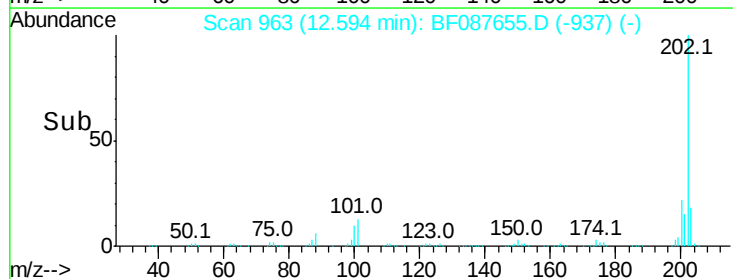
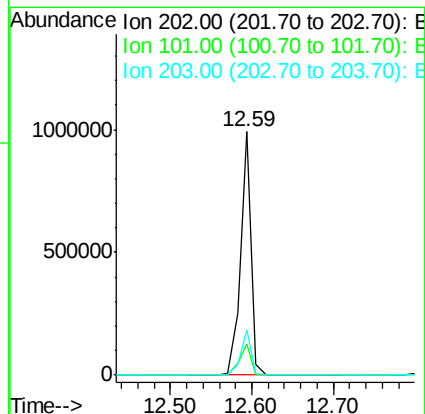
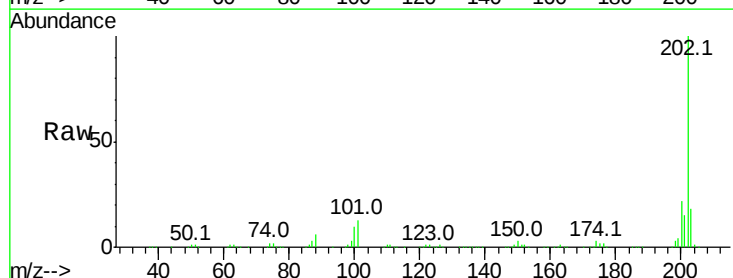
RT: 12.59 min Scan# 963

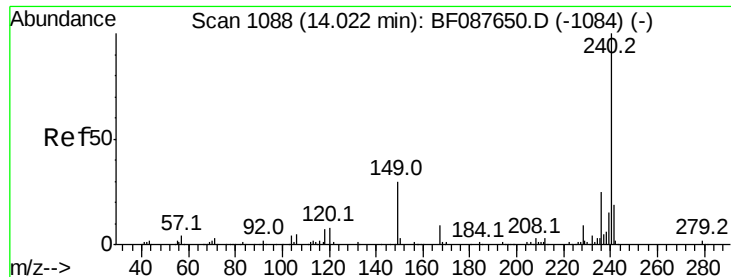
Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	202	Resp:	889177
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

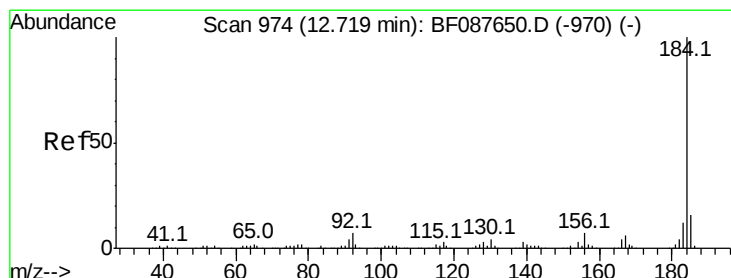
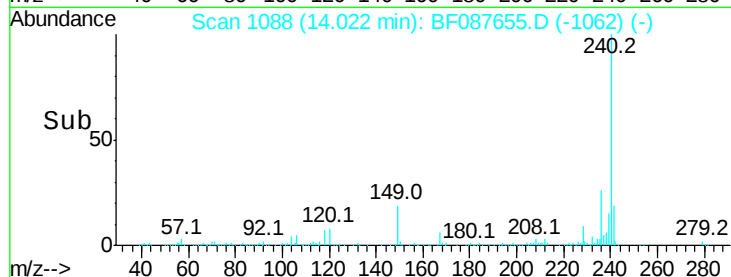
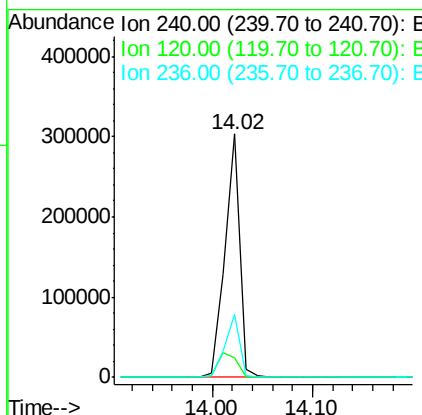
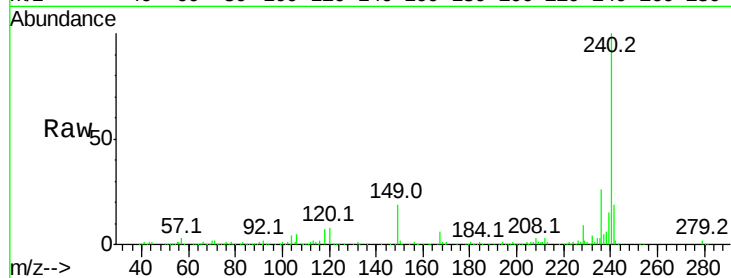
ClientSampleId :

ICVBF060416

Tot Ion:	240	Resp:	310747
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.8	10.2
236	25.9	20.2	30.2

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#76

Benzidine

Concen: 44.20 ng

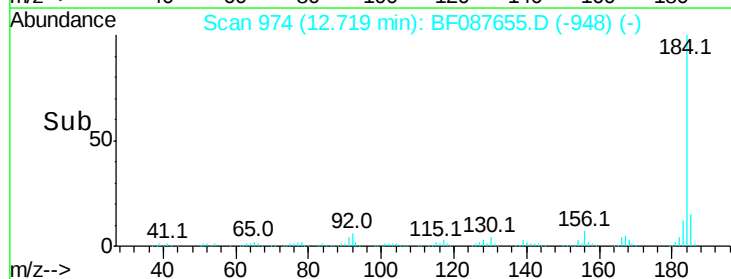
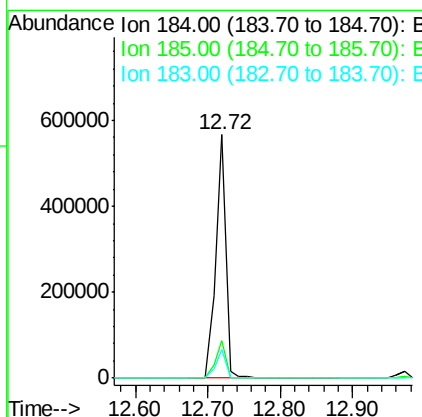
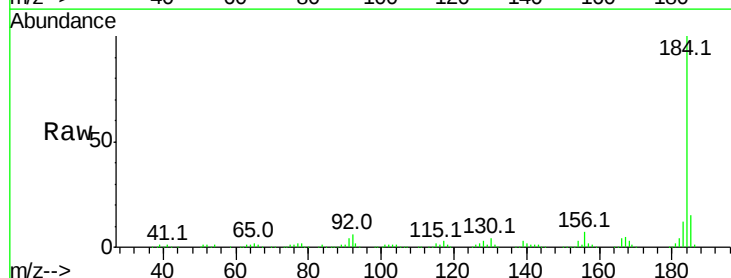
RT: 12.72 min Scan# 974

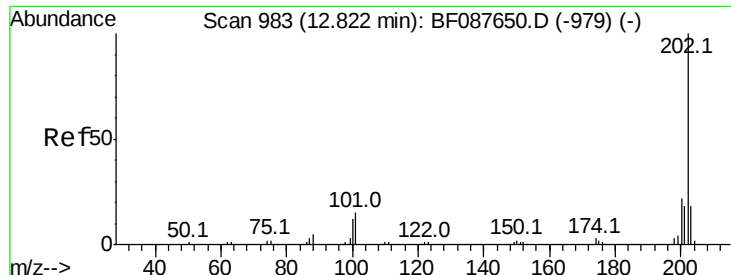
Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	184	Resp:	541619
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.5	18.7
183	11.8	9.3	13.9





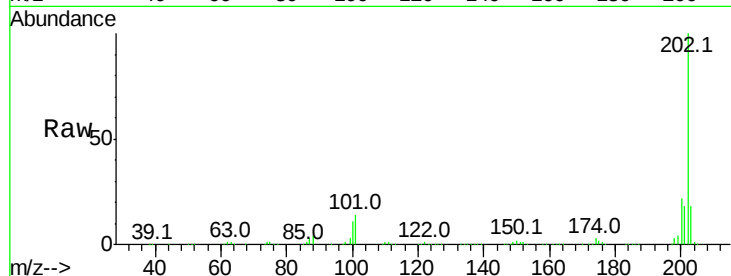
#77
Pvrene
Concen: 41.94 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

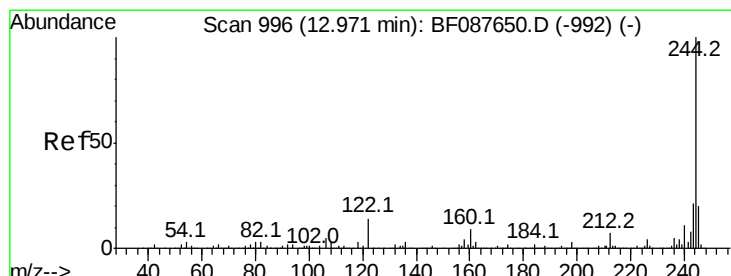
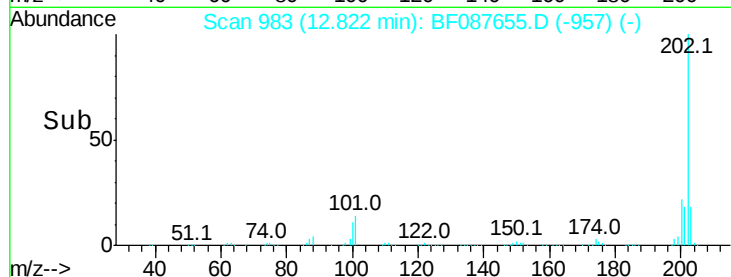
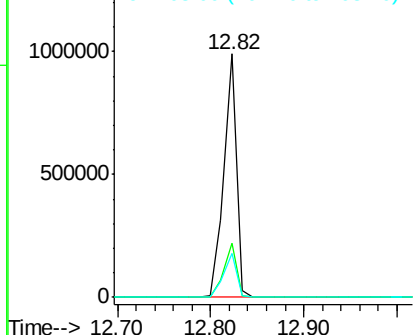
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.5	21.7

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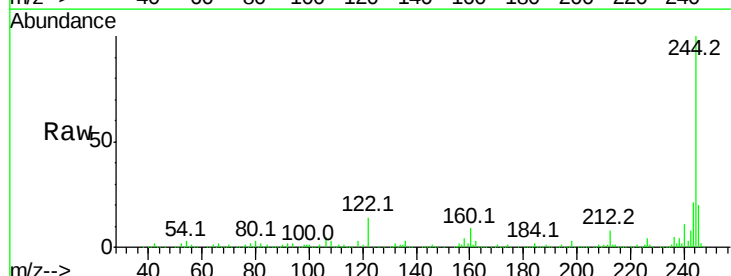


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

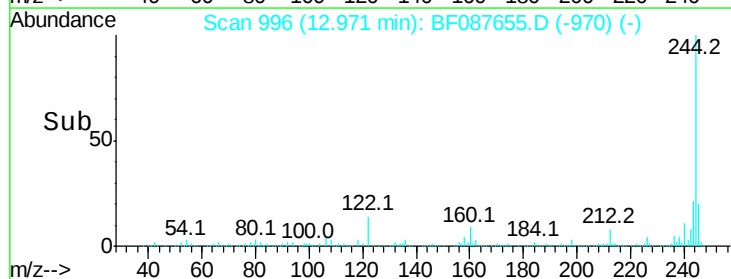
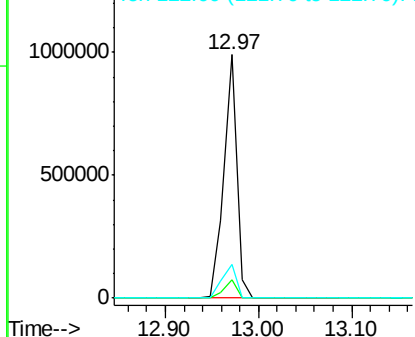


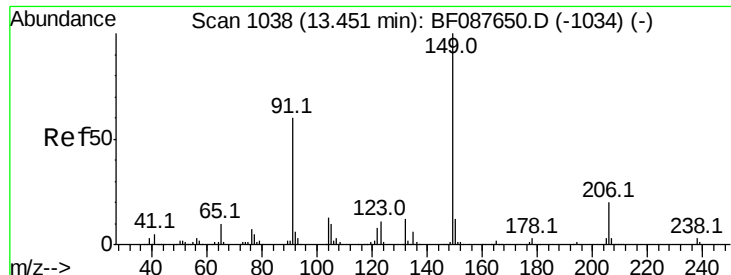
#78
Terphenyl-d14
Concen: 75.35 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.8	11.2	16.8



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





#79

Butylbenzylphthalate

Concen: 44.89 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

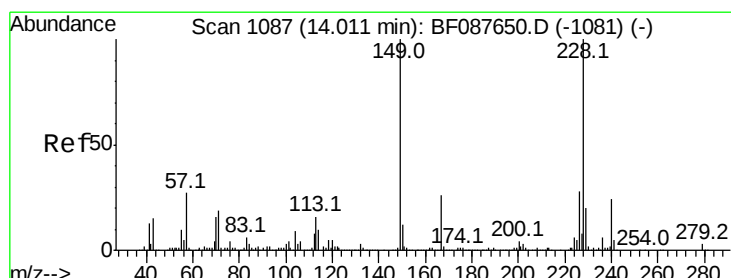
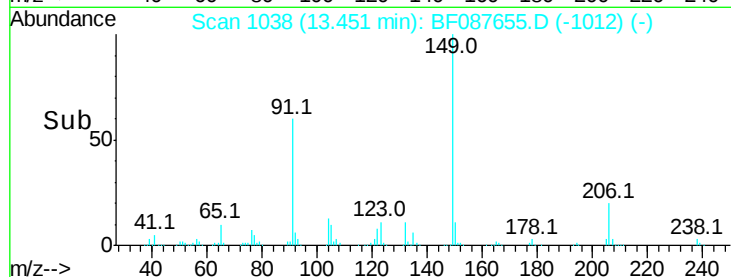
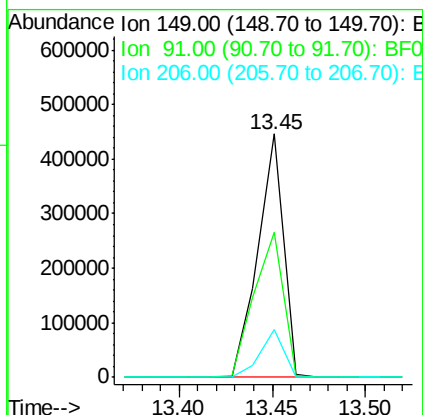
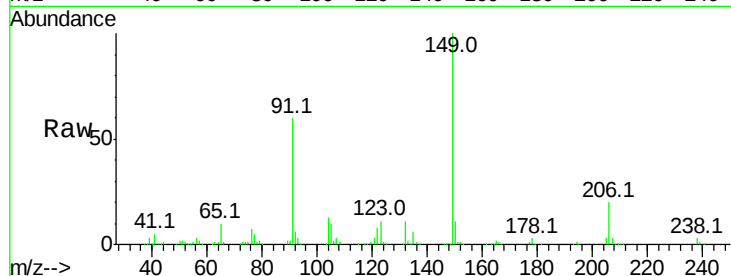
ClientSampleId :

ICVBF060416

Tot Ion:	149	Resp:	422757
Ion Ratio	Lower	Upper	
149	100		
91	59.7	48.0	72.0
206	19.6	16.0	24.0

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#80

Benzo(a)anthracene

Concen: 40.17 ng

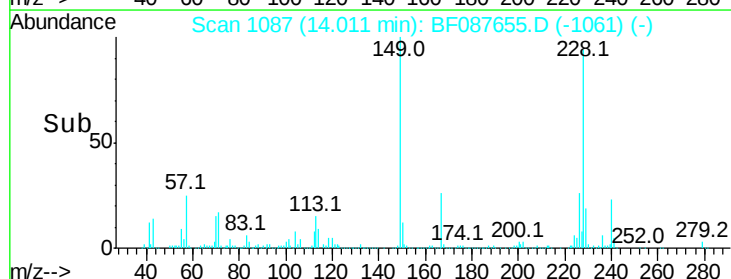
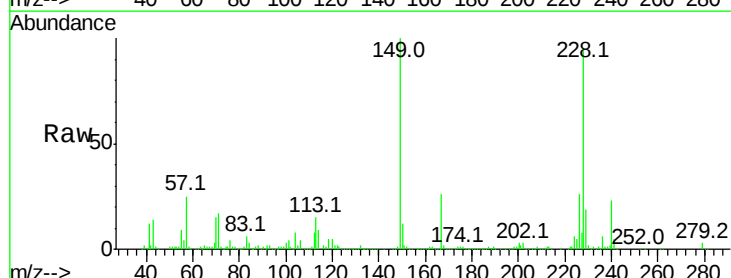
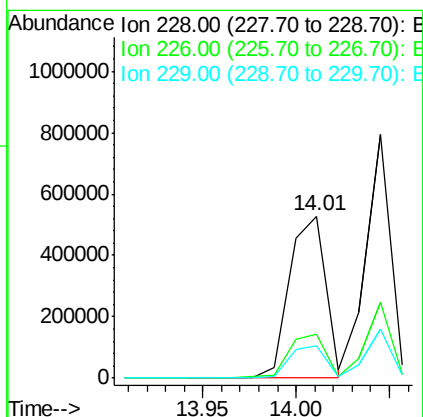
RT: 14.01 min Scan# 1087

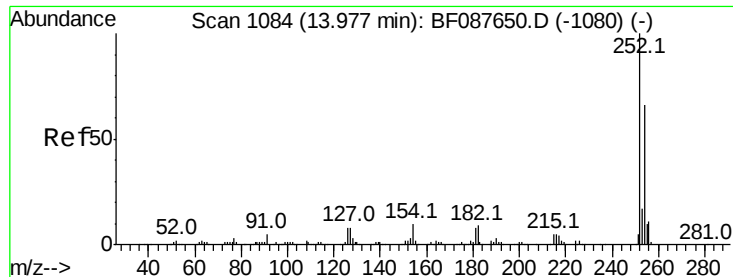
Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	228	Resp:	720385
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.3	33.5
229	19.9	16.0	24.0





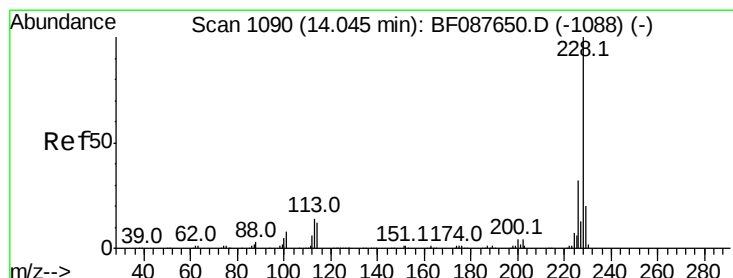
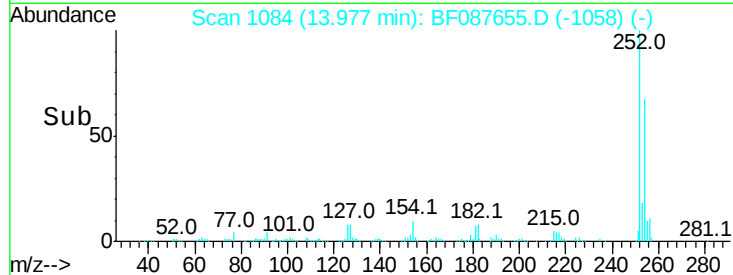
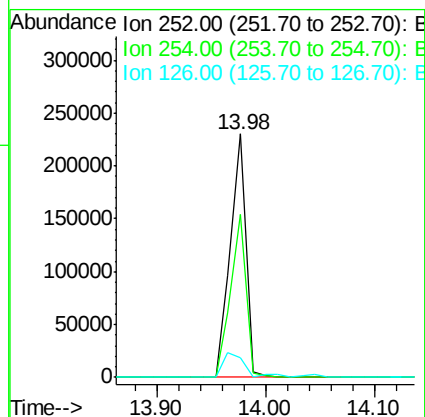
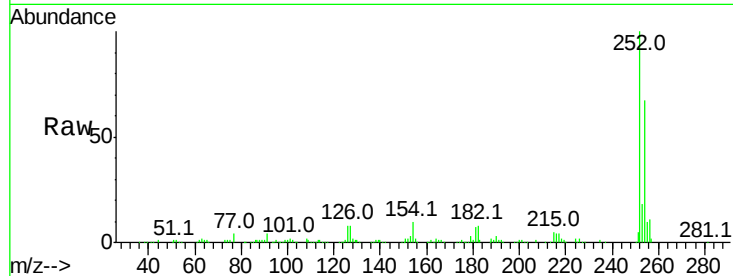
#81
 3,3'-Dichlorobenzidine
 Concen: 45.64 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tot Ion:	252	Resp:	230917
Ion Ratio	Lower	Upper	
252	100		
254	66.9	52.6	78.8
126	8.2	6.2	9.2

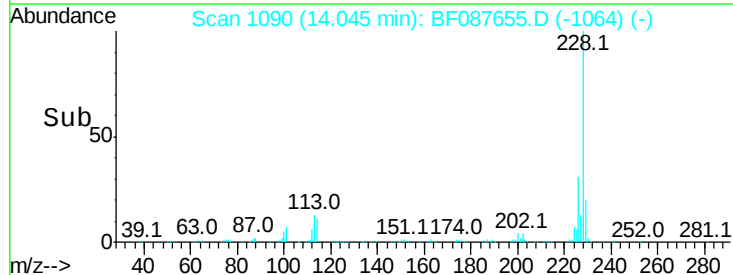
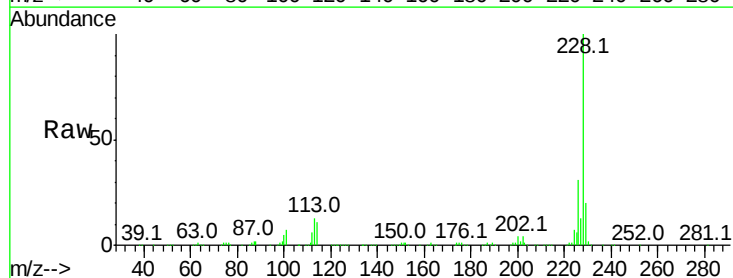
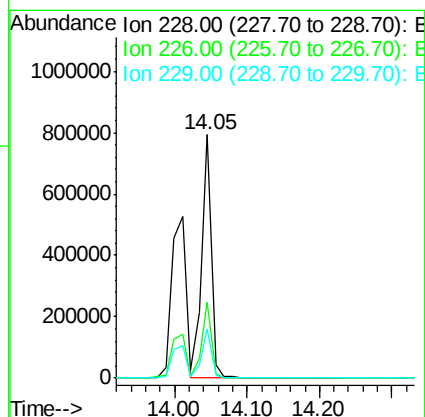
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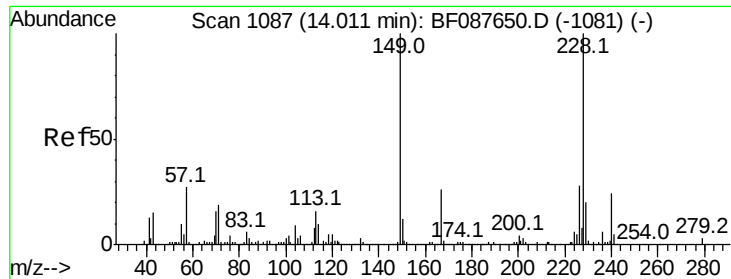
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#82
 Chrysene
 Concen: 41.25 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion:	228	Resp:	736276
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.4	38.2
229	20.2	16.3	24.5





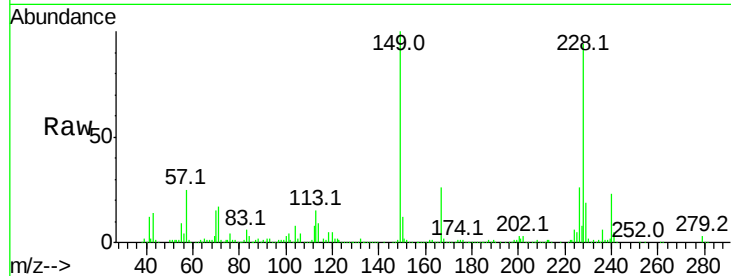
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.88 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

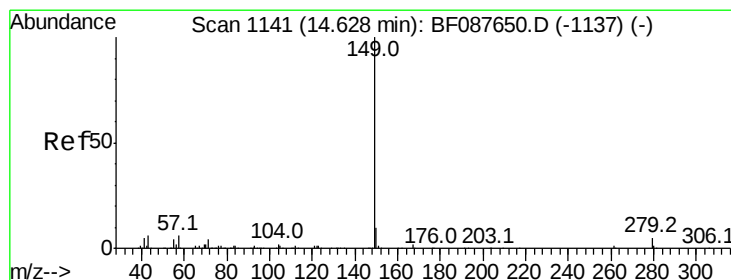
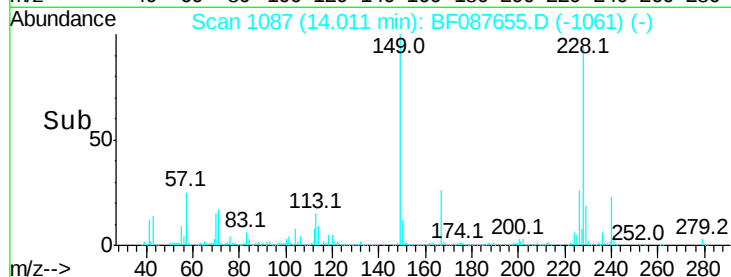
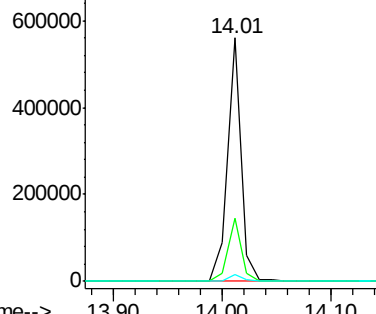
Tot Ion	Ratio	Resp	Lower	Upper
149	100	491745		
167	26.2	20.5	30.7	
279	2.9	2.0	3.0	

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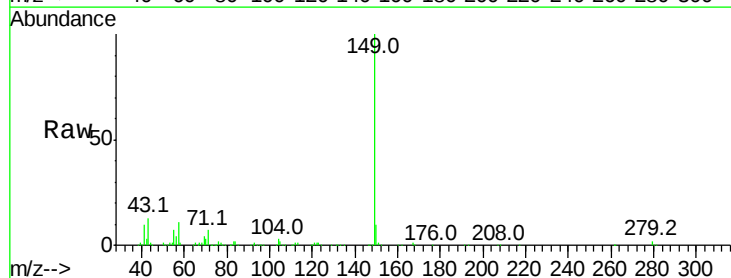


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

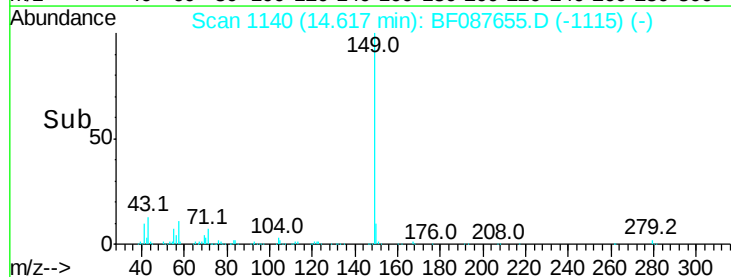
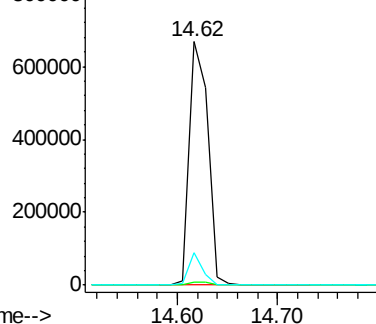


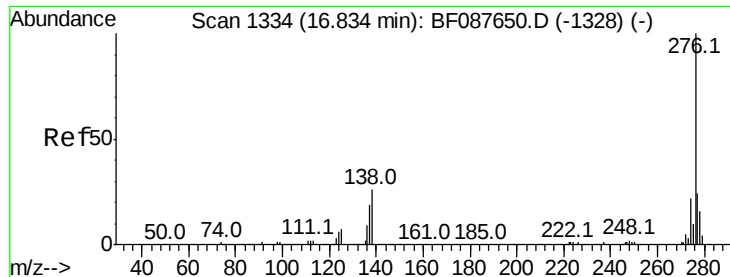
#84
 Di-n-octyl phthalate
 Concen: 41.28 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	860068		
167	1.5	0.0	0.0#	
43	9.9	0.0	0.0#	



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





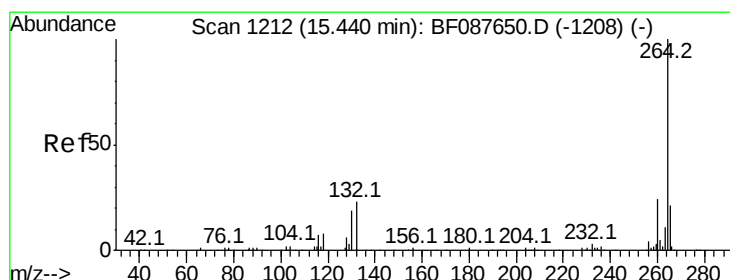
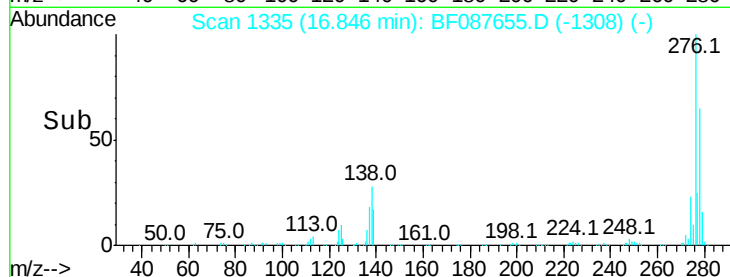
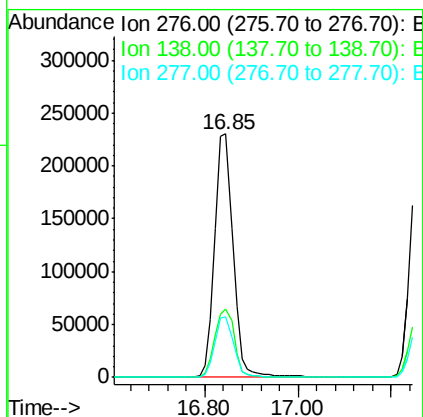
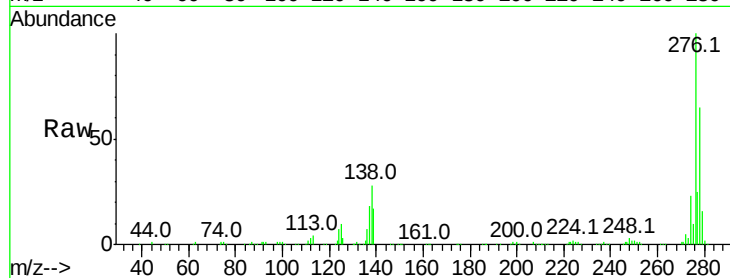
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.18 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.0	0.0	0.0#
277	25.2	0.0	0.0#

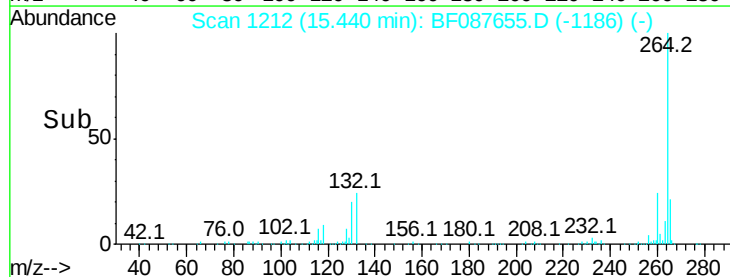
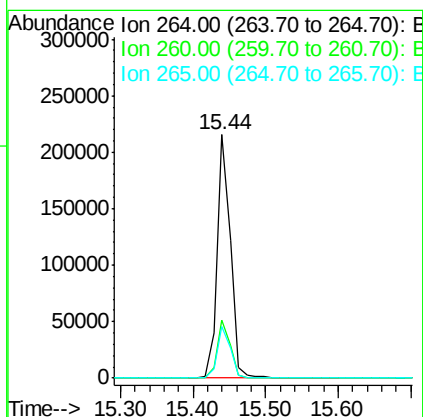
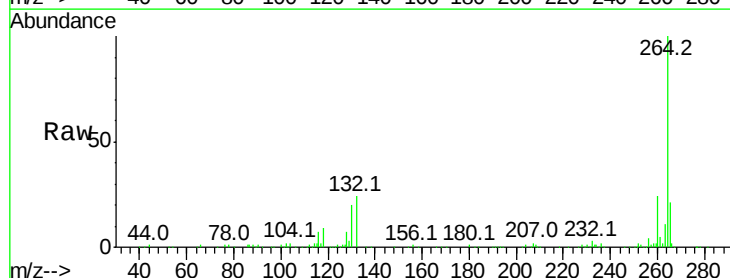
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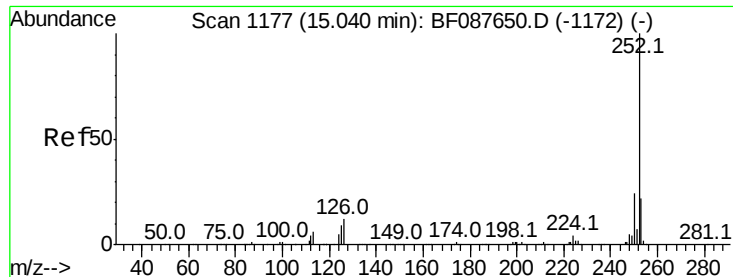
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 42.23 ng m

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

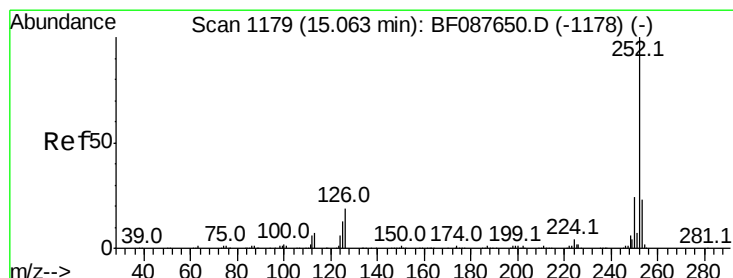
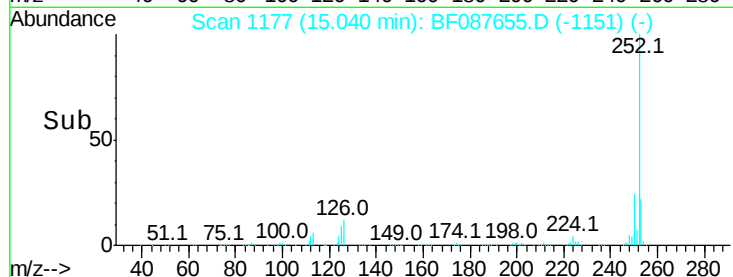
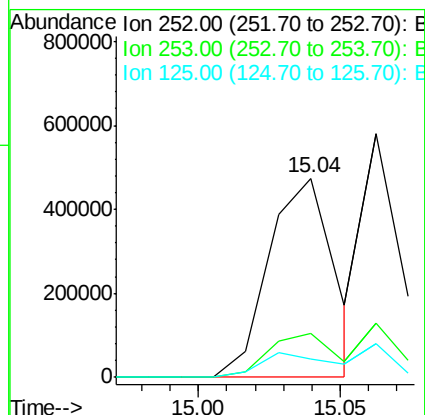
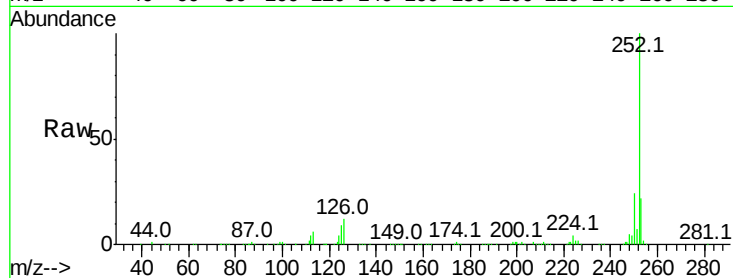
ClientSampleId :

ICVBF060416

Tot Ion:	252	Resp:	750116
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	9.0	7.1	10.7

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#88

Benzo(k)fluoranthene

Concen: 37.68 ng m

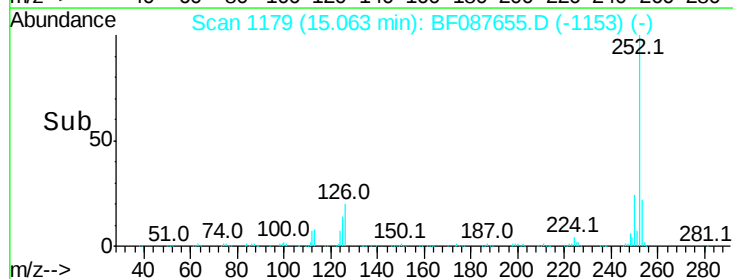
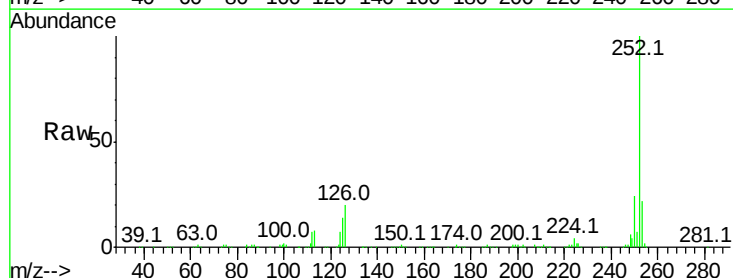
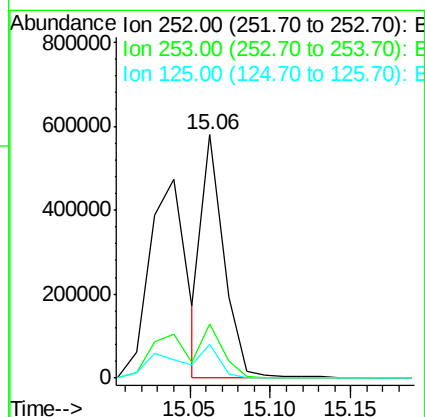
RT: 15.06 min Scan# 1179

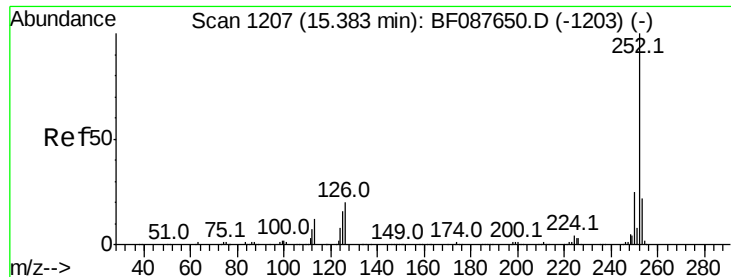
Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:	252	Resp:	556950
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	13.9	11.2	16.8





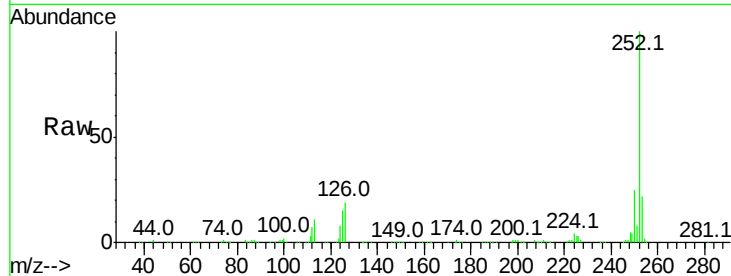
#89
Benzo(a)pyrene
Concen: 40.75 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

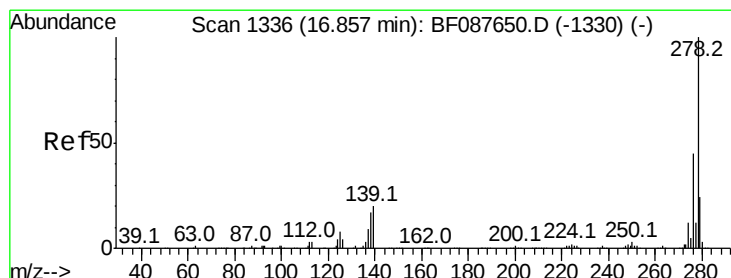
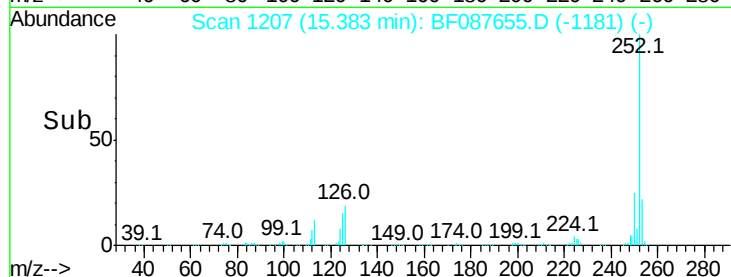
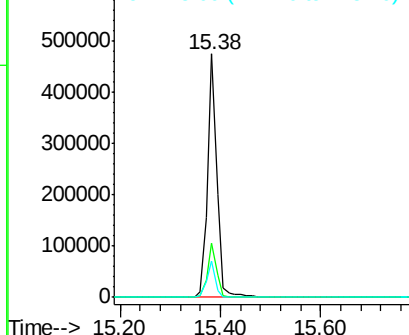
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	15.0	12.5	18.7

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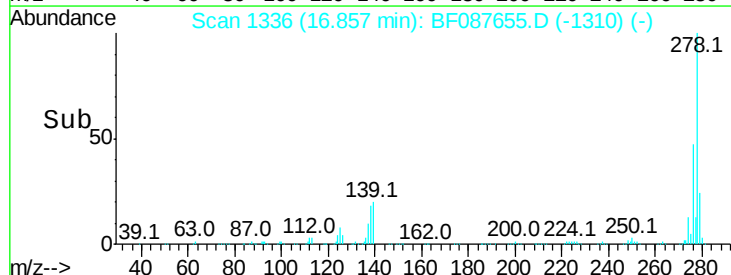
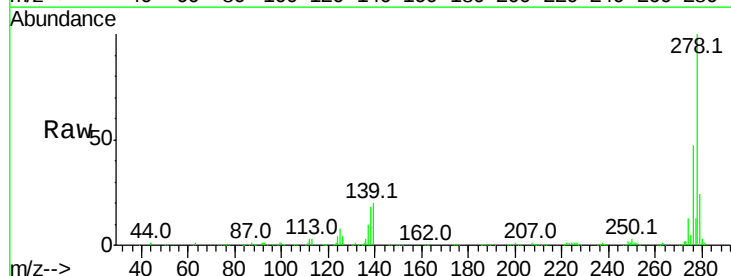
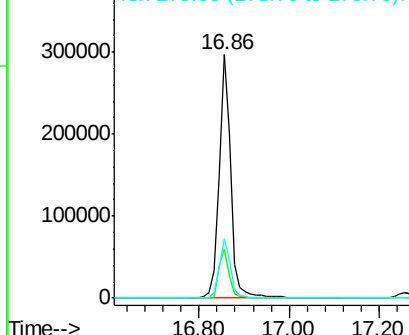
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

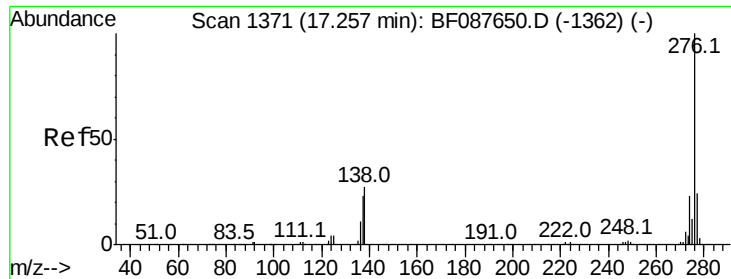


#90
Dibenzo(a,h)anthracene
Concen: 42.00 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.7	23.5
279	24.4	19.4	29.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 42.03 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.4	18.9	28.3
138	26.6	21.4	32.2

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:07 PM

