

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
 Data File : BF080022.D
 Acq On : 17 Jun 2015 12:55
 Operator : TP/IZ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
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 6/18/2015 4:04:50 PM

Quant Time: Jun 17 16:52:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 15:38:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	43788	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	177127	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	91894	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	186448	20.00	ng	0.00
75) Chrysene-d12	15.03	240	197205	20.00	ng	0.03
86) Perylene-d12	17.00	264	192289	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	12270	4.01	ng	0.00
7) Phenol-d6	6.94	99	15654	4.36	ng	0.00
23) Nitrobenzene-d5	7.89	82	13646	4.77	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	3882	5.56	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	33962	4.37	ng	0.00
78) Terphenyl-d14	13.68	244	44321	4.48	ng	0.02

Target Compounds

						Qvalue
6) Aniline	7.00	93	10589	2.41	ng	97
8) 2-Chlorophenol	7.12	128	6844	2.10	ng	95
9) Benzaldehyde	6.88	77	5064	4.36	ng	# 81
10) Phenol	6.95	94	9094	2.42	ng	82
11) bis(2-Chloroethyl)ether	7.05	93	7195	2.44	ng	93
12) 1,3-Dichlorobenzene	7.28	146	8711	2.47	ng	# 93
13) 1,4-Dichlorobenzene	7.36	146	8354	2.30	ng	99
14) 1,2-Dichlorobenzene	7.51	146	7628m	2.26	ng	
15) Benzyl Alcohol	7.46	79	6597	3.44	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.60	45	11693	2.08	ng	90
17) 2-Methylphenol	7.57	107	5861	2.56	ng	# 86
18) Hexachloroethane	7.86	117	2688	2.36	ng	# 74
19) n-Nitroso-di-n-propylamine	7.73	70	6083	3.37	ng	# 83
20) 3+4-Methylphenols	7.72	107	7484	2.46	ng	91
22) Acetophenone	7.74	105	9864	2.27	ng	# 81
24) Nitrobenzene	7.91	77	7449	2.72	ng	# 62
25) Isophorone	8.15	82	14795	2.73	ng	# 90
27) 2,4-Dimethylphenol	8.25	122	7328m	2.33	ng	
28) bis(2-Chloroethoxy)methane	8.36	93	8675	2.39	ng	# 92
29) 2,4-Dichlorophenol	8.47	162	5201	2.10	ng	86
30) 1,2,4-Trichlorobenzene	8.57	180	6392	2.40	ng	99
31) Naphthalene	8.65	128	22914m	2.24	ng	
33) 4-Chloroaniline	8.69	127	12259	3.12	ng	# 86
34) Hexachlorobutadiene	8.77	225	4008	3.56	ng	96
36) 4-Chloro-3-methylphenol	9.16	107	6202	2.80	ng	88
37) 2-Methylnaphthalene	9.35	142	14612	2.38	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	6150	2.38	ng	97
42) 2,4,6-Trichlorophenol	9.62	196	4168	2.45	ng	95
43) 2,4,5-Trichlorophenol	9.66	196	4962m	2.80	ng	
45) 1,1'-Biphenyl	9.81	154	18823	2.11	ng	98
46) 2-Chloronaphthalene	9.84	162	14818	2.46	ng	92
47) 2-Nitroaniline	9.92	65	3396	2.14	ng	# 71
48) Acenaphthylene	10.26	152	24039	2.25	ng	99
49) Dimethylphthalate	10.09	163	17644	2.86	ng	# 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	10.44	154	15124	2.29	ng	90
54) Dibenzofuran	10.61	168	21888	2.63	ng	91
57) Fluorene	10.95	166	16911	2.31	ng	90
58) 2,3,4,6-Tetrachlorophenol	10.72	232	3943	2.96	ng	# 98
59) Diethylphthalate	10.80	149	16336	2.64	ng	99
60) 4-Chlorophenyl-phenylether	10.94	204	8286	2.87	ng	97
62) Azobenzene	11.10	77	16366	2.89	ng	89
65) n-Nitrosodiphenylamine	11.05	169	13930	2.03	ng	90
66) 4-Bromophenyl-phenylether	11.44	248	4878	2.83	ng	# 85
67) Hexachlorobenzene	11.52	284	5591	3.01	ng	# 84
68) Atrazine	11.58	200	4493	2.84	ng	88
70) Phenanthrene	11.94	178	28535	2.48	ng	97
71) Anthracene	12.00	178	25979	2.28	ng	99
72) Carbazole	12.15	167	24049	2.29	ng	96
74) Fluoranthene	13.25	202	28328	2.89	ng	94
80) Benzo(a)anthracene	15.01	228	30853	2.60	ng	97
82) Chrysene	15.07	228	27584	2.39	ng	93
85) Indeno(1,2,3-cd)pyrene	18.86	276	36619	3.80	ng	# 88
87) Benzo(b)fluoranthene	16.44	252	31392	2.62	ng	# 86
88) Benzo(k)fluoranthene	16.47	252	29174	2.37	ng	# 90
89) Benzo(a)pyrene	16.91	252	28287	2.52	ng	# 86
90) Dibenzo(a,h)anthracene	18.89	278	29255	3.00	ng	# 80
91) Benzo(g,h,i)perylene	19.43	276	30943	3.11	ng	# 76

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



#1

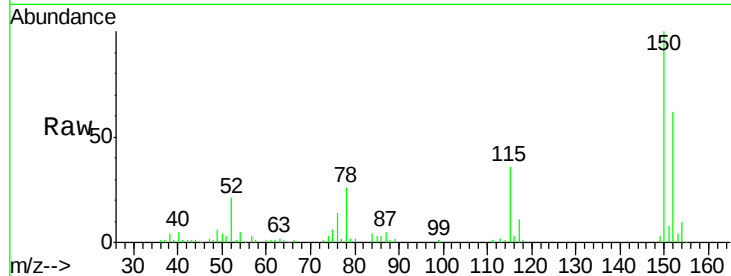
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

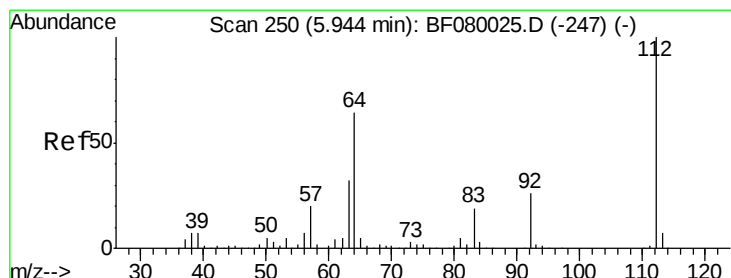
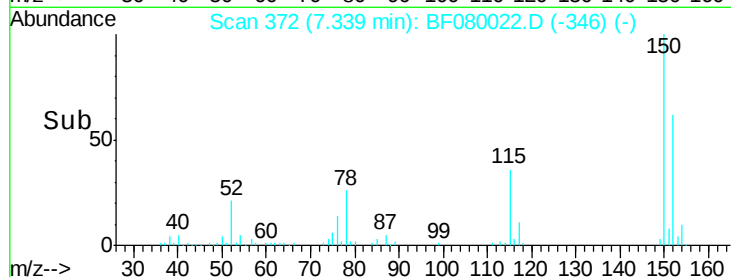
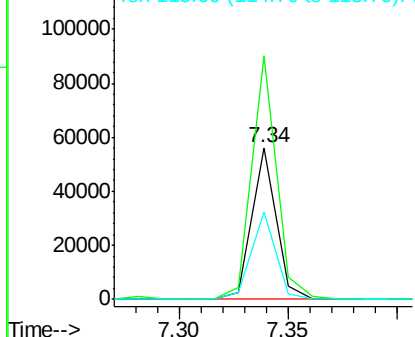
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.7	187.1
115	57.9	39.0	58.4

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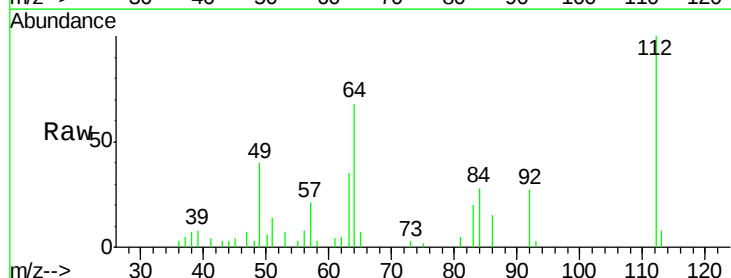
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



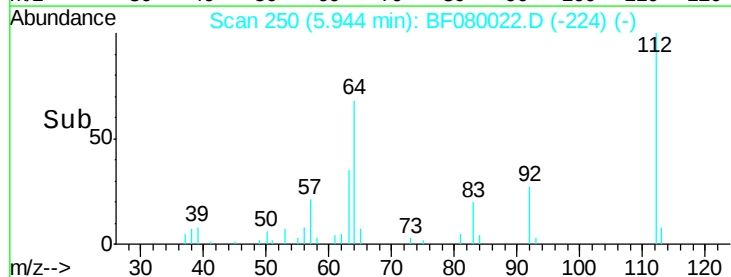
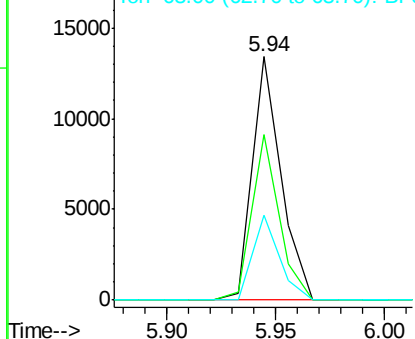
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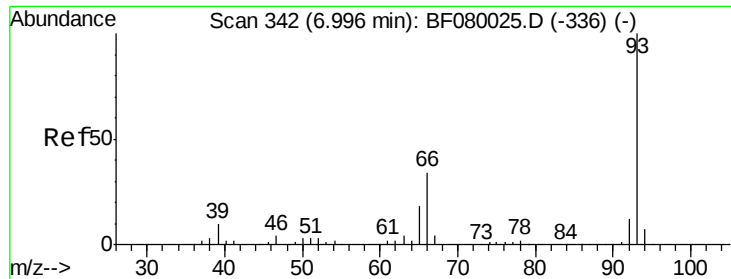
2-Fluorophenol
Concen: 4.01 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	39.7	59.5#
63	35.1	17.4	26.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 2.41 ng

RT: 7.00 min Scan# 342

Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

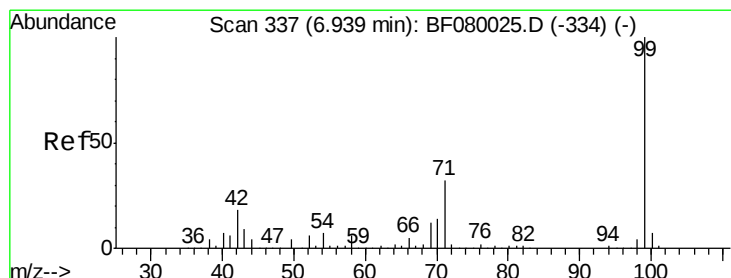
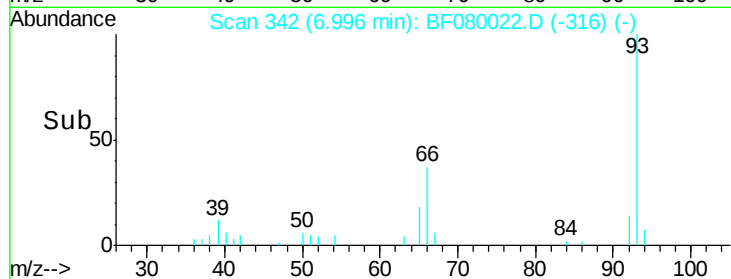
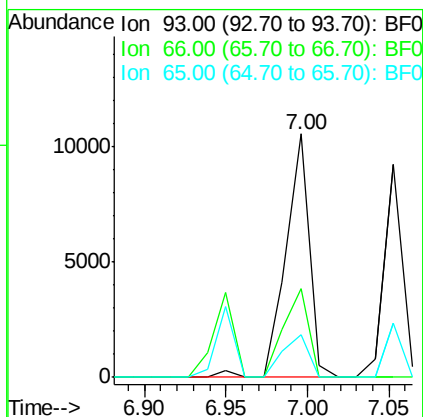
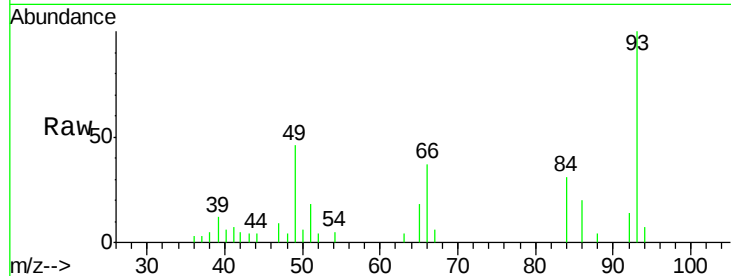
ClientSampled :

SSTDICC2.5

Tgt Ion:	93	Resp:	10589
Ion Ratio	Lower	Upper	
93	100		
66	36.6	27.2	40.8
65	17.7	14.7	22.1

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#7

Phenol-d6

Concen: 4.36 ng

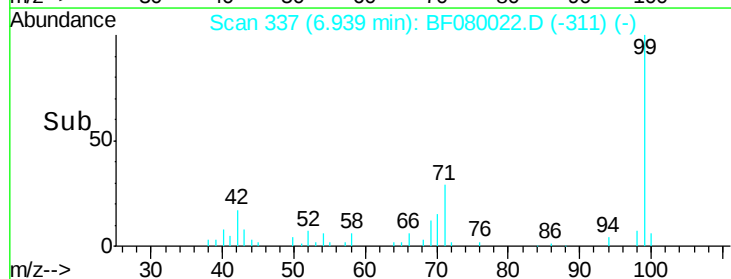
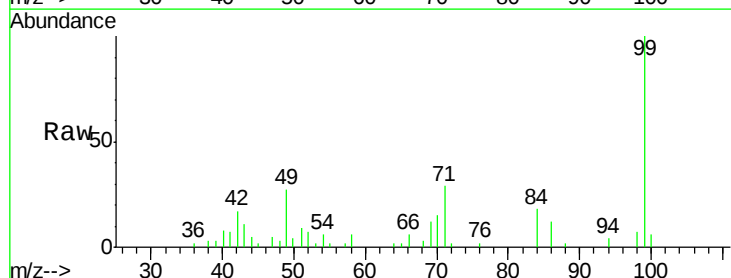
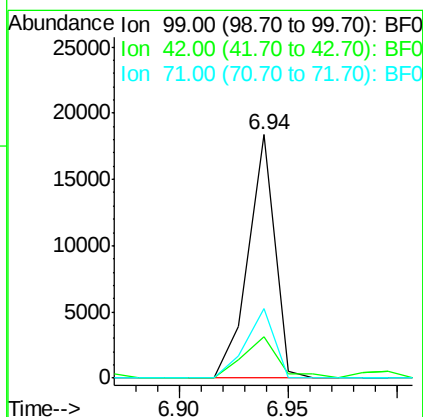
RT: 6.94 min Scan# 337

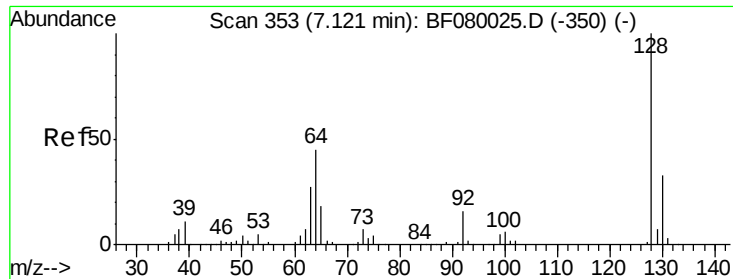
Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Tgt Ion:	99	Resp:	15654
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.7	20.5
71	28.7	14.2	21.2#





#8

2-Chlorophenol

Concen: 2.10 ng

RT: 7.12 min Scan# 353

Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

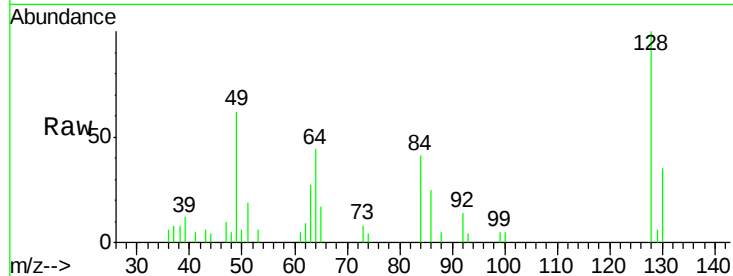
ClientSampleId :

SSTDICC2.5

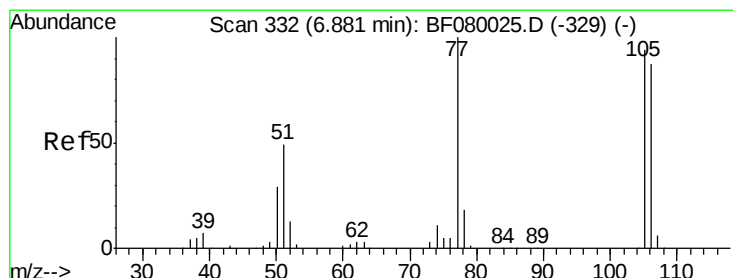
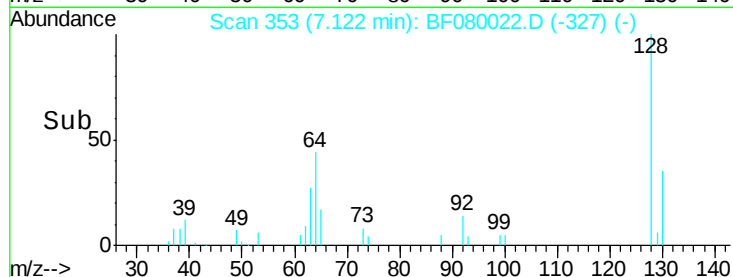
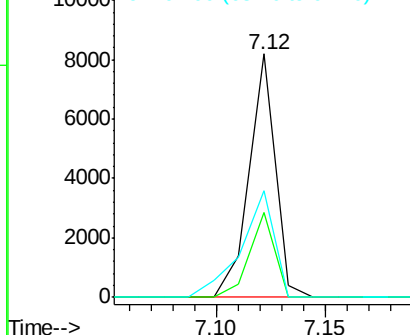
Tgt Ion:	128	Resp:	6844
Ion Ratio	Lower	Upper	
128	100		
130	34.7	12.2	52.2
64	43.7	20.5	60.5

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 4.36 ng

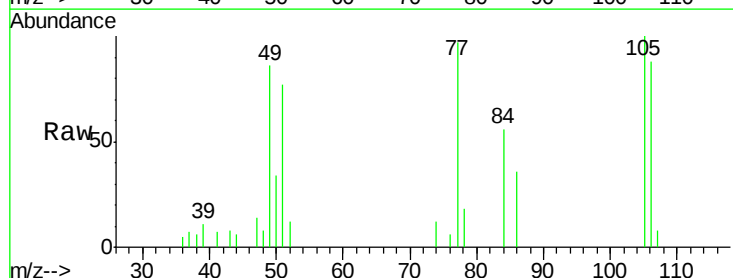
RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

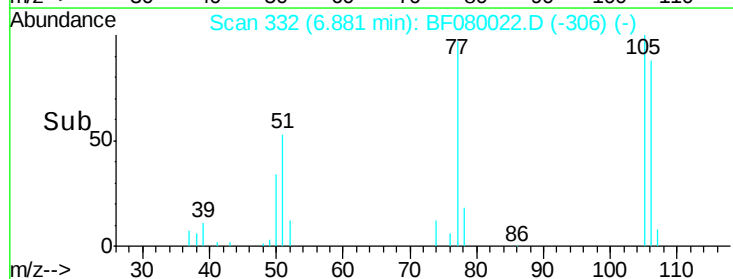
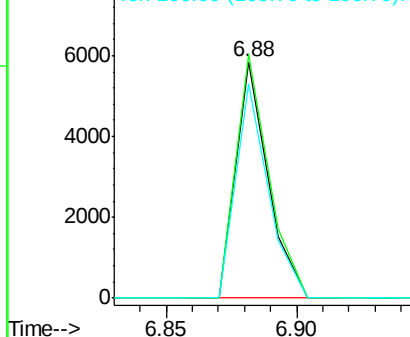
Lab File: BF080022.D

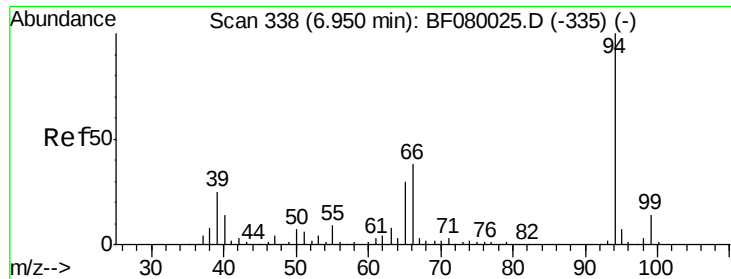
Acq: 17 Jun 2015 12:55

Tgt Ion:	77	Resp:	5064
Ion Ratio	Lower	Upper	
77	100		
105	103.2	91.6	131.6
106	90.9	102.6	142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.42 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

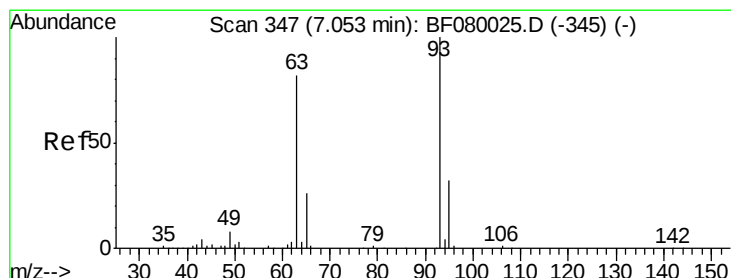
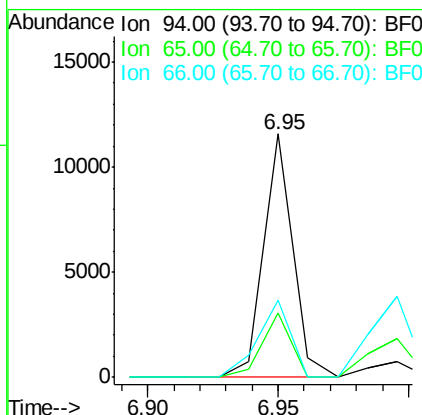
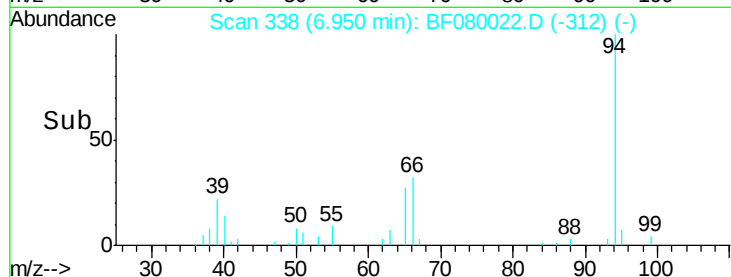
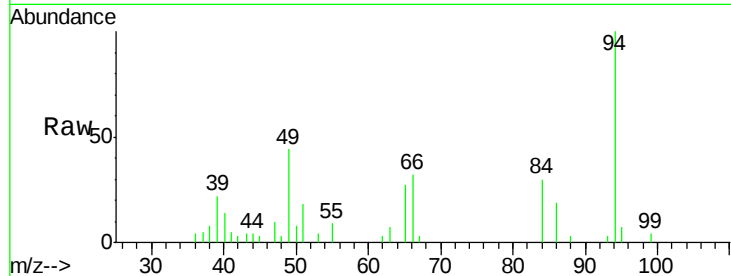
ClientSampleId :

SSTDICC2.5

Tgt Ion:	94	Resp:	9094
Ion	Ratio	Lower	Upper
94	100		
65	26.7	0.7	40.7
66	31.9	0.8	40.8

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#11

bis(2-Chloroethyl)ether

Concen: 2.44 ng

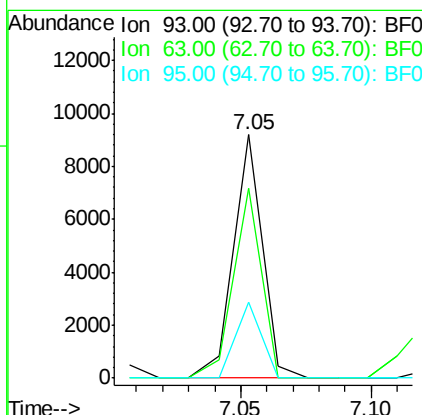
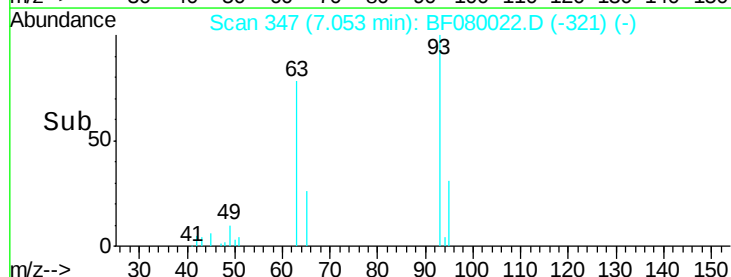
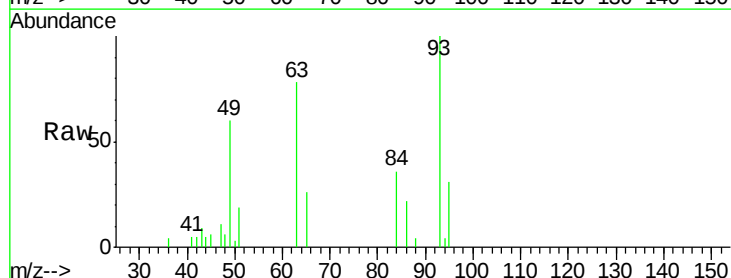
RT: 7.05 min Scan# 347

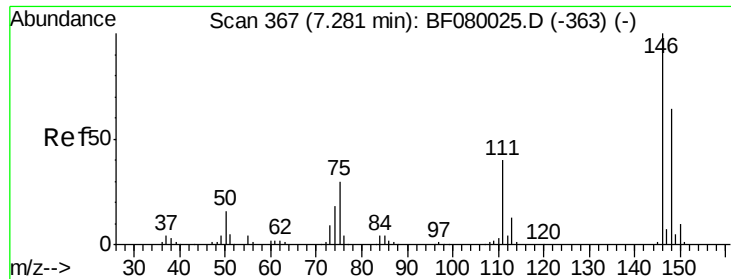
Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Tgt Ion:	93	Resp:	7195
Ion	Ratio	Lower	Upper
93	100		
63	78.1	65.6	105.6
95	31.4	13.6	53.6





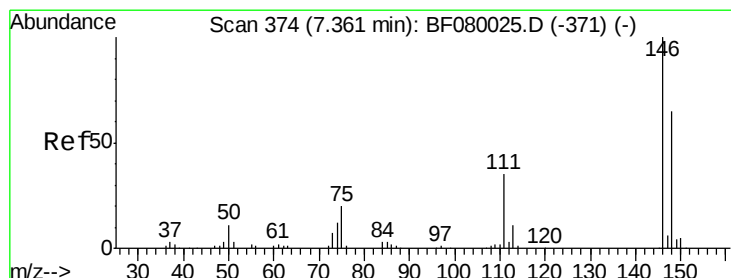
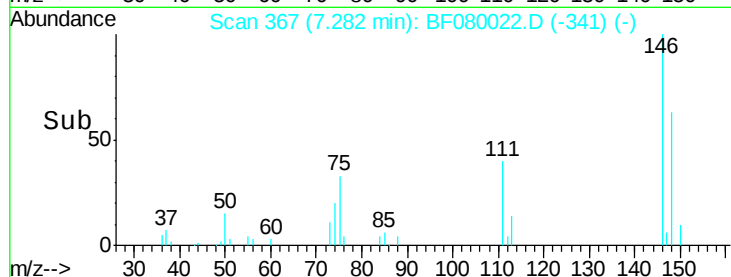
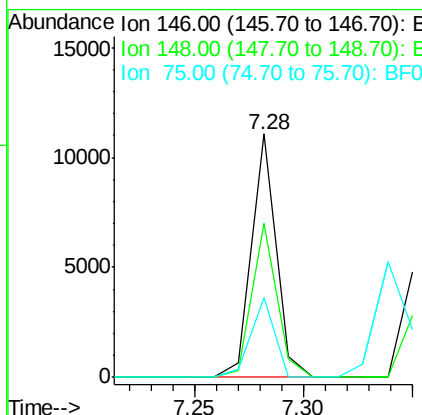
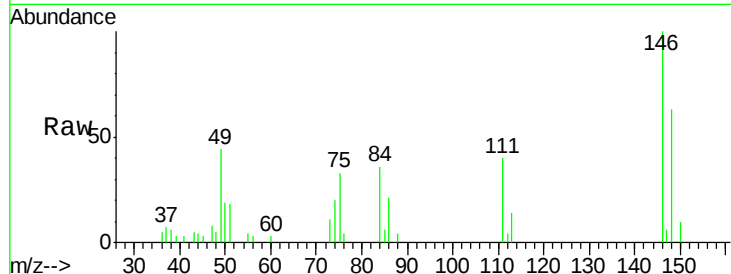
#12
 1,3-Dichlorobenzene
 Concen: 2.47 ng
 RT: 7.28 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Instrument :
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 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	8711		
148	63.3	51.0	76.4	
75	32.6	15.0	22.6	

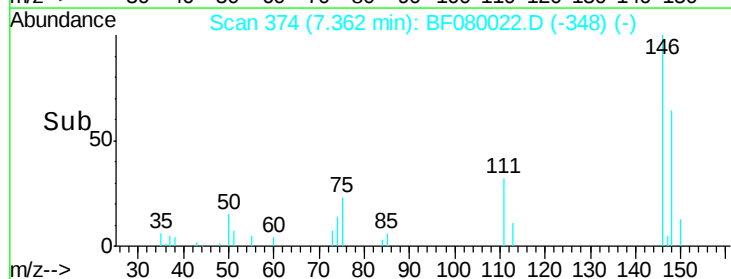
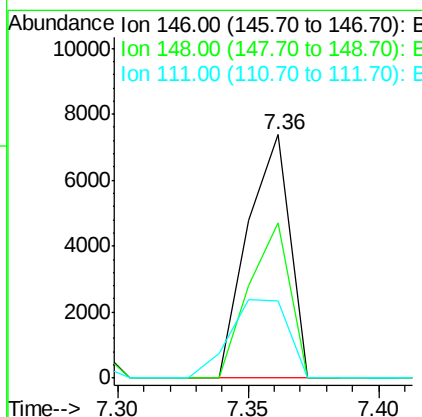
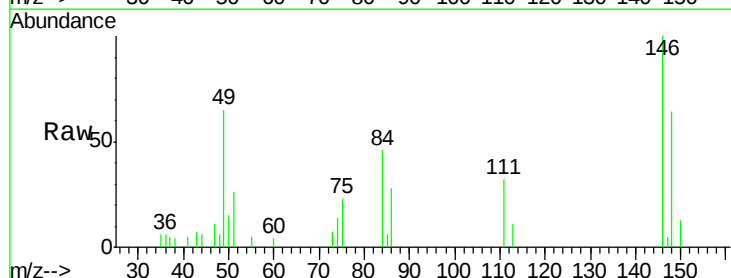
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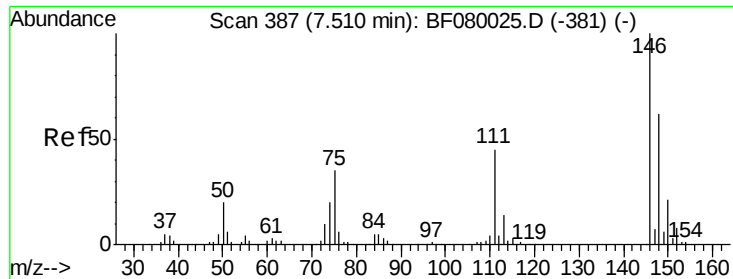
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#13
 1,4-Dichlorobenzene
 Concen: 2.30 ng
 RT: 7.36 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	8354		
148	64.0	51.8	77.6	
111	31.6	24.9	37.3	





#14

1,2-Dichlorobenzene

Concen: 2.26 ng m

RT: 7.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

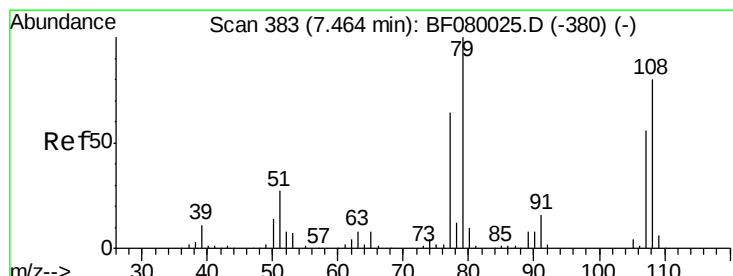
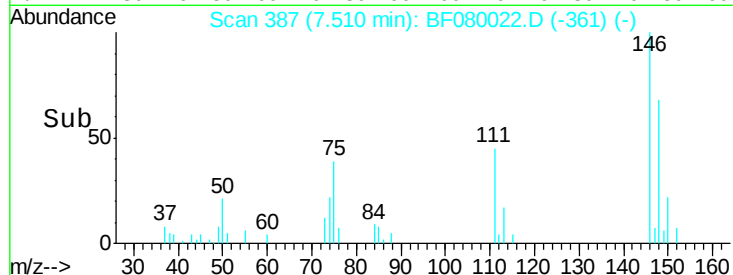
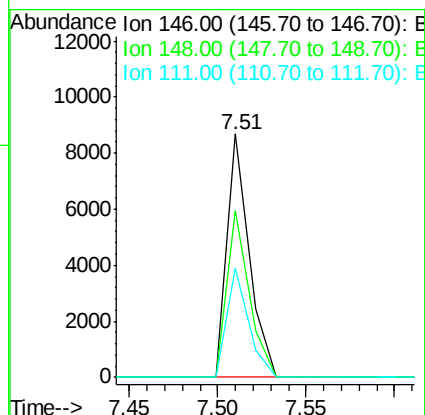
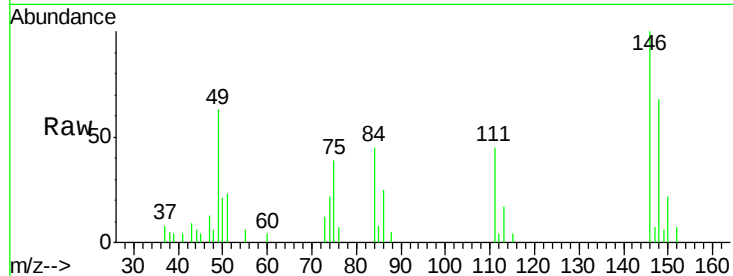
ClientSampleId :

SSTDICC2.5

Tgt Ion:	146	Resp:	7628
Ion Ratio	Lower	Upper	
146	100		
148	68.5	52.7	79.1
111	44.7	28.8	43.2#

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#15

Benzyl Alcohol

Concen: 3.44 ng

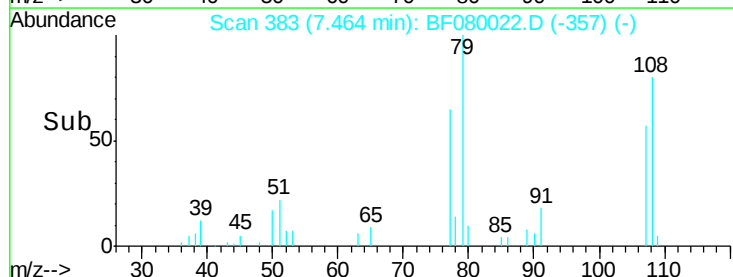
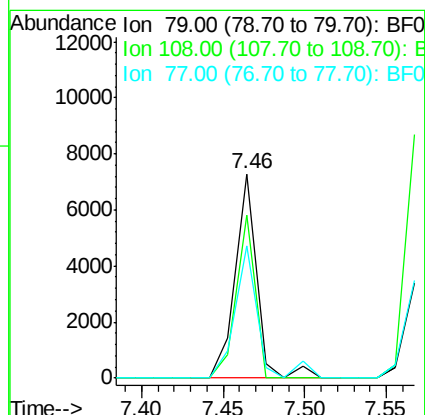
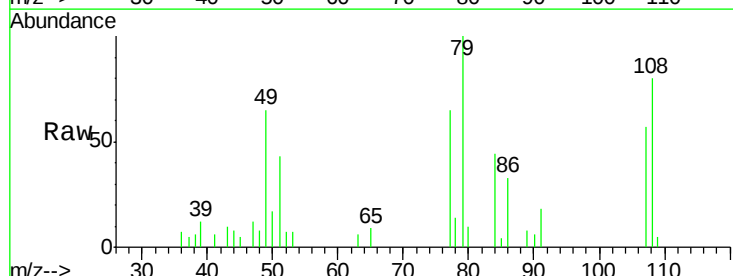
RT: 7.46 min Scan# 383

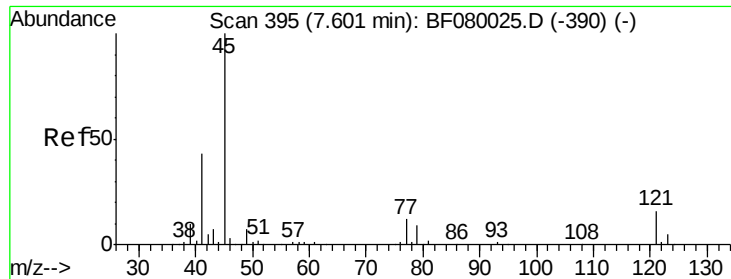
Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Tgt Ion:	79	Resp:	6597
Ion Ratio	Lower	Upper	
79	100		
108	80.0	88.6	132.8#
77	64.7	47.0	70.4





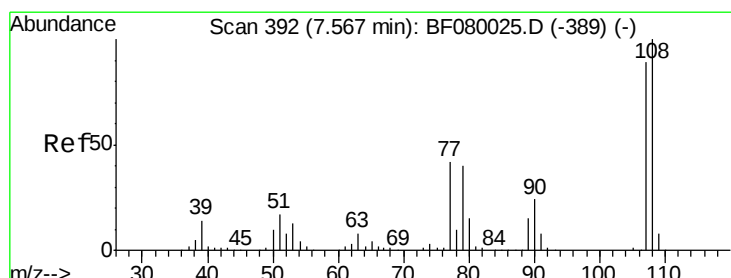
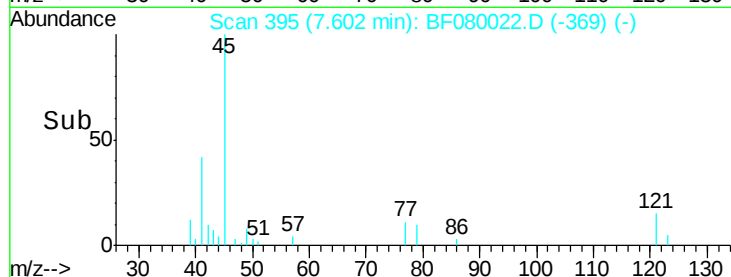
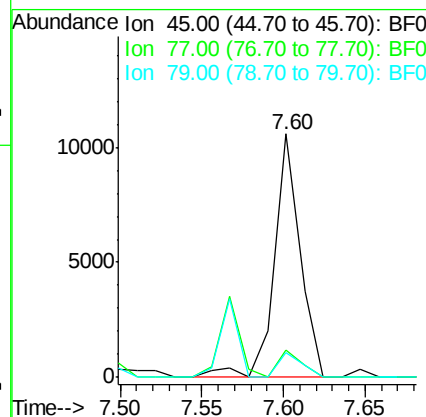
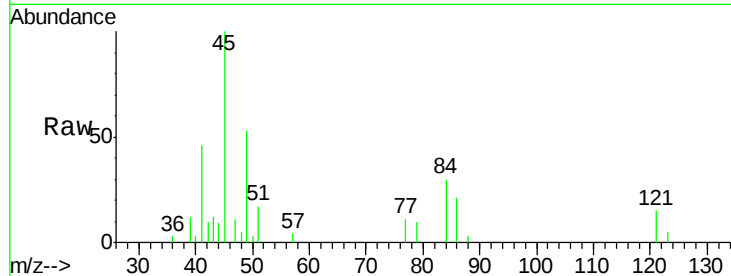
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.08 ng
RT: 7.60 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	11693		
77	10.9	0.0	28.1	
79	10.4	0.0	26.0	

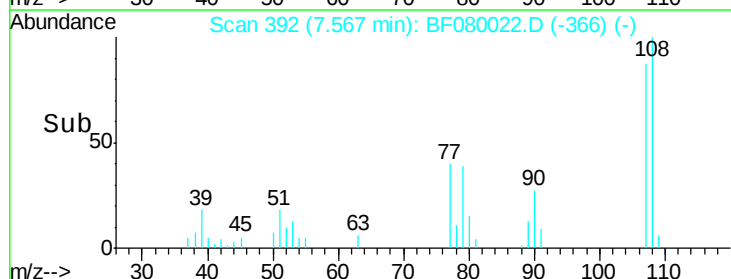
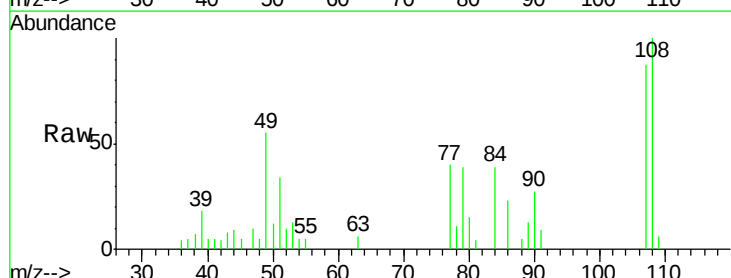
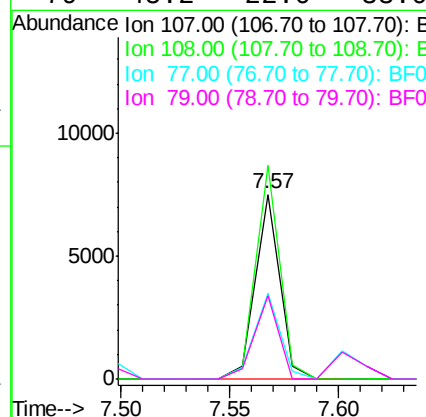
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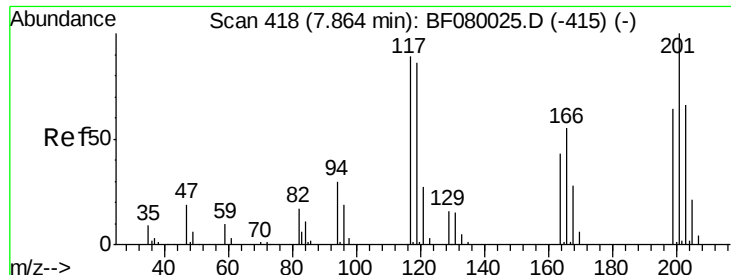
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#17
2-Methylphenol
Concen: 2.56 ng
RT: 7.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	5861		
108	115.5	96.6	145.0	
77	46.6	23.3	34.9#	
79	45.2	22.0	33.0#	





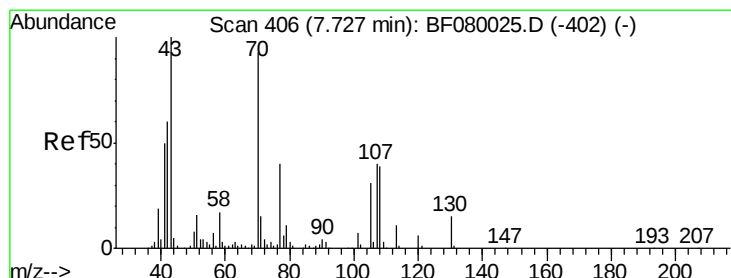
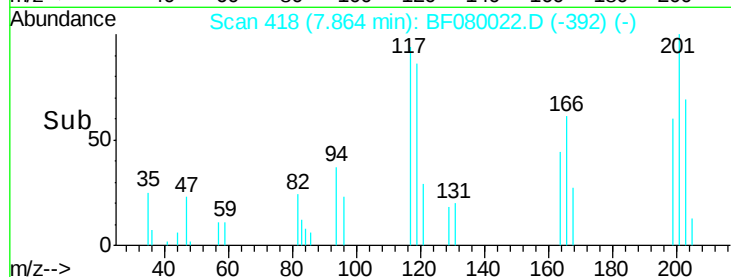
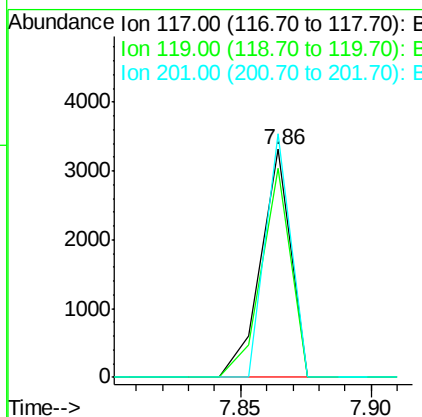
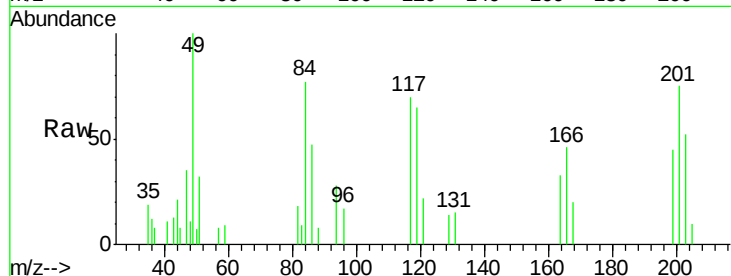
#18
Hexachloroethane
Concen: 2.36 ng
RT: 7.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 117 Resp: 2688
Ion Ratio Lower Upper
117 100
119 91.7 83.8 125.6
201 106.8 55.1 82.7#

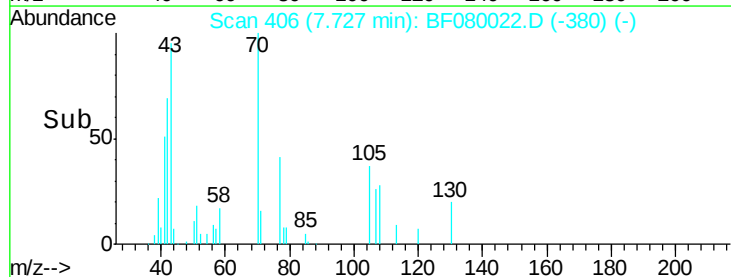
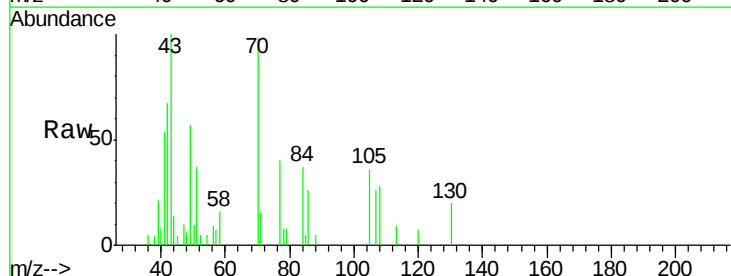
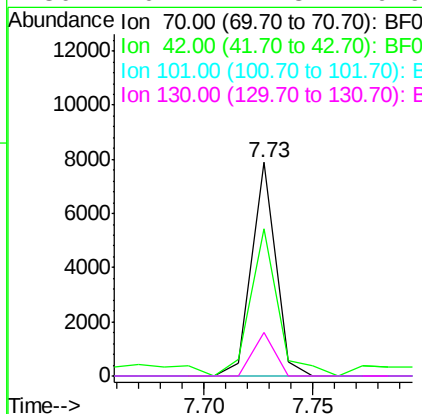
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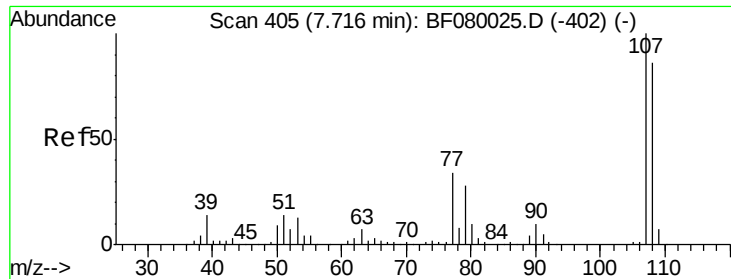
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#19
n-Nitroso-di-n-propylamine
Concen: 3.37 ng
RT: 7.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Tgt Ion: 70 Resp: 6083
Ion Ratio Lower Upper
70 100
42 68.9 63.8 95.6
101 0.0 9.2 13.8#
130 20.2 27.3 40.9#





#20

3+4-Methylphenols

Concen: 2.46 ng

RT: 7.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

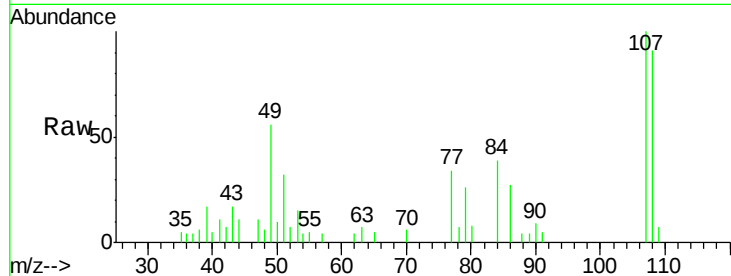
ClientSampleId :

SSTDICC2.5

Tgt Ion:	107	Resp:	7484
Ion	Ratio	Lower	Upper
107	100		
108	91.3	74.6	114.6
77	33.8	0.7	40.7
79	25.8	0.0	38.9

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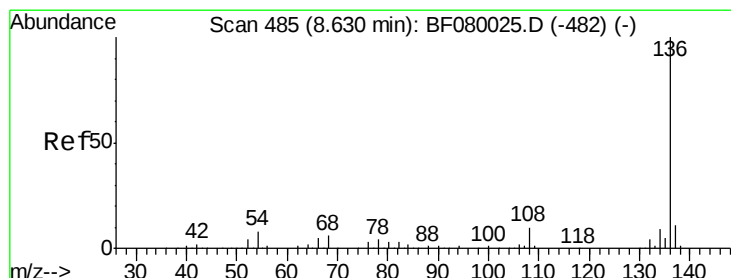
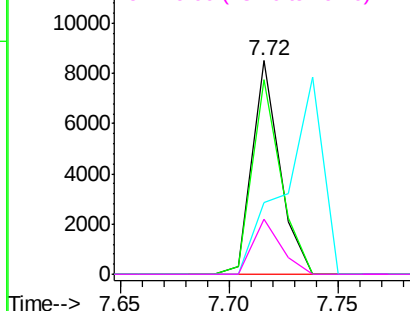
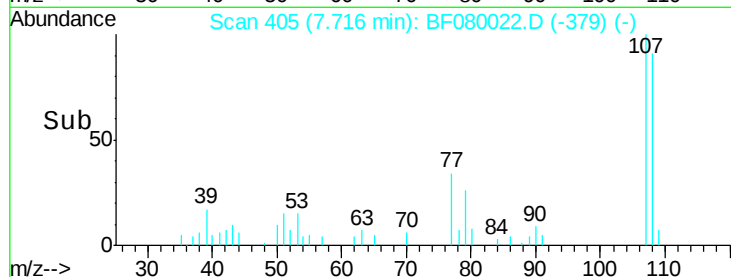
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

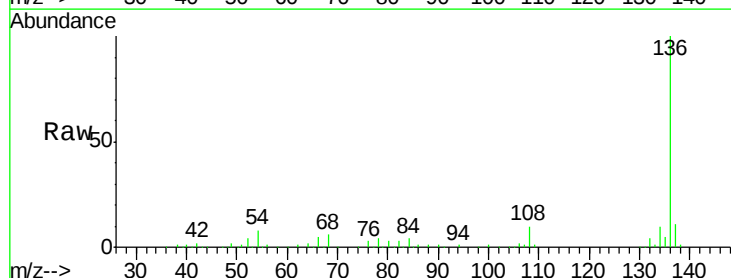
RT: 8.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Tgt Ion:	136	Resp:	177127
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.2	8.2	12.2
68	5.8	5.8	8.6



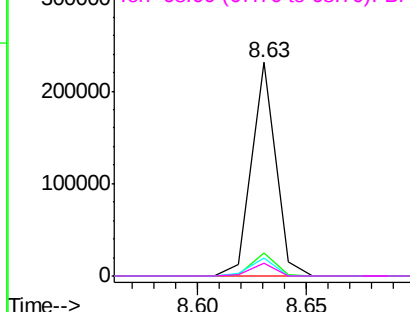
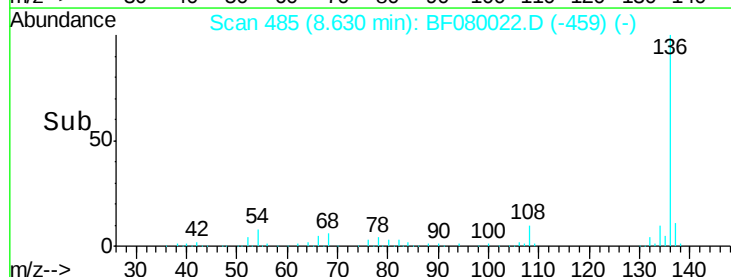
Abundance

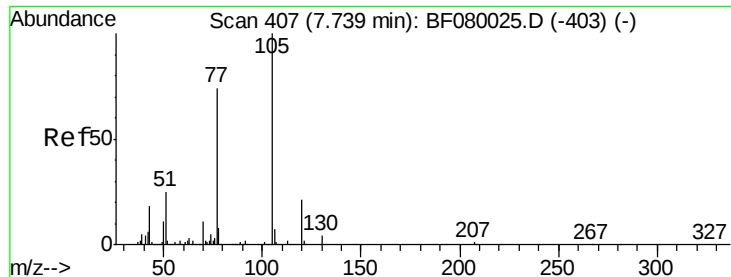
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 2.27 ng

RT: 7.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF080022.D

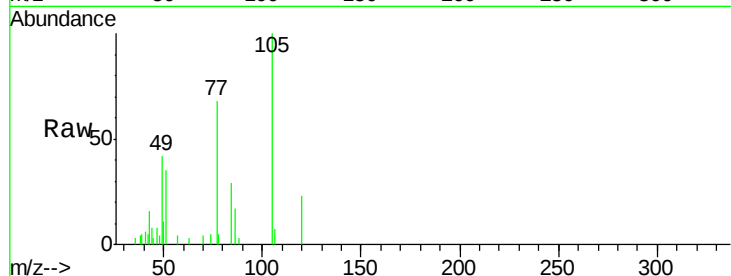
Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

ClientSampleId :

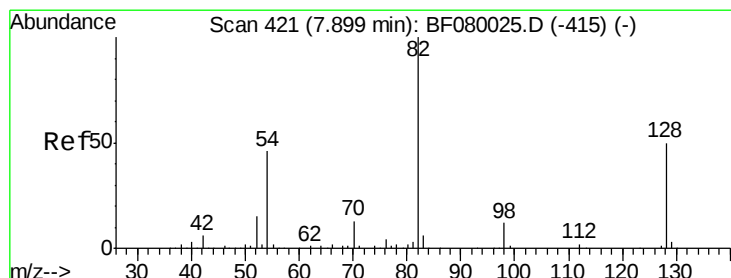
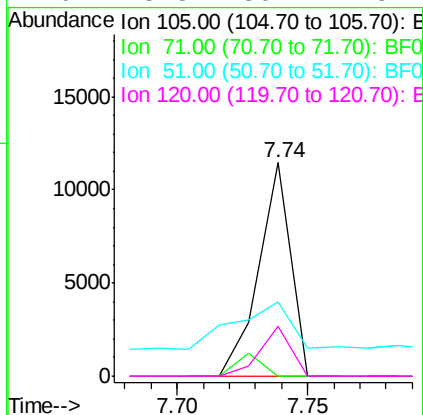
SSTDICC2.5



Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.7	7.1#
51	34.7	22.0	33.0#
120	23.3	30.1	45.1#

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#23

Nitrobenzene-d5

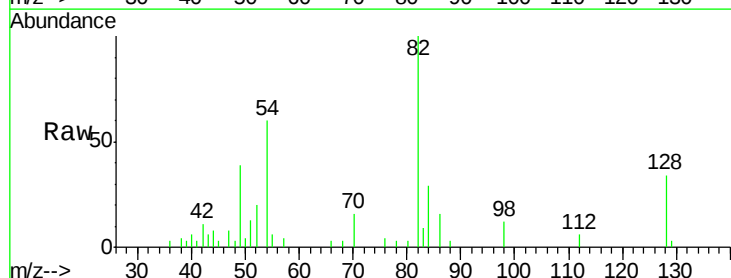
Concen: 4.77 ng

RT: 7.89 min Scan# 420

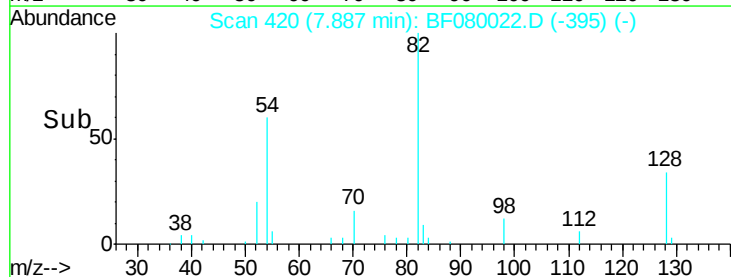
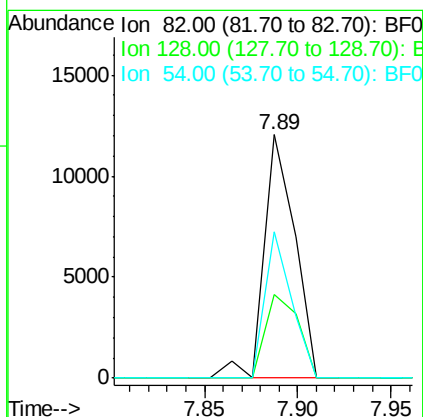
Delta R.T. -0.01 min

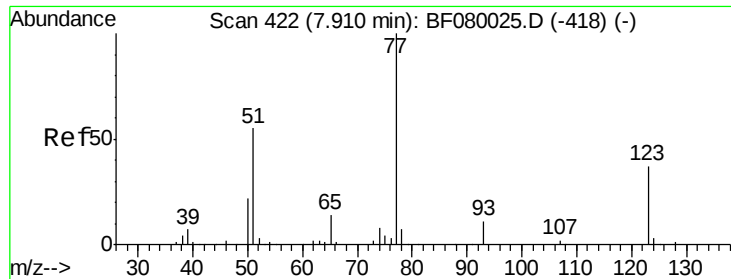
Lab File: BF080022.D

Acq: 17 Jun 2015 12:55



Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.1	51.0	76.6#
54	59.9	47.5	71.3





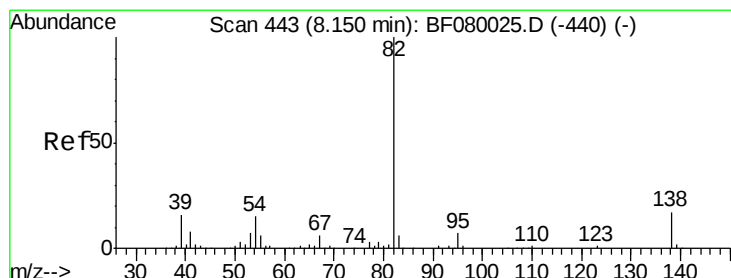
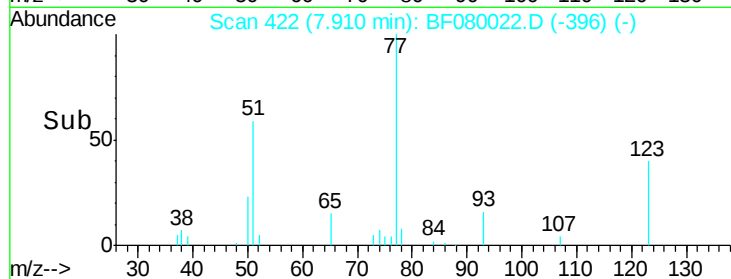
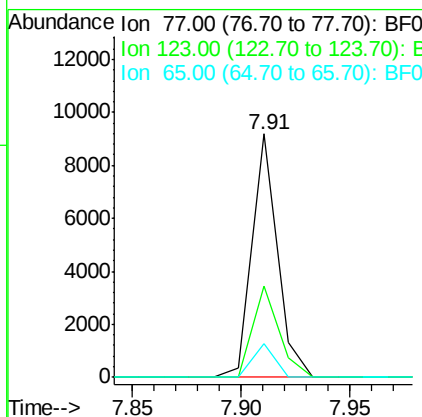
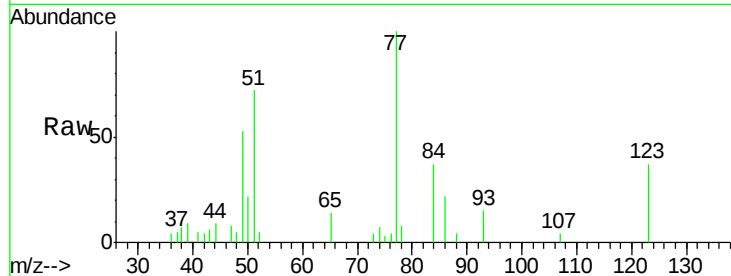
#24
Nitrobenzene
Concen: 2.72 ng
RT: 7.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	59.8	89.8#
65	14.0	10.2	15.4

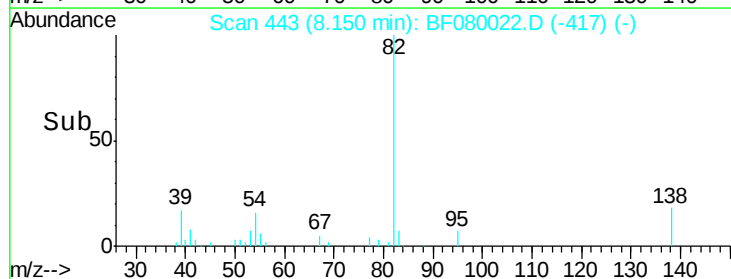
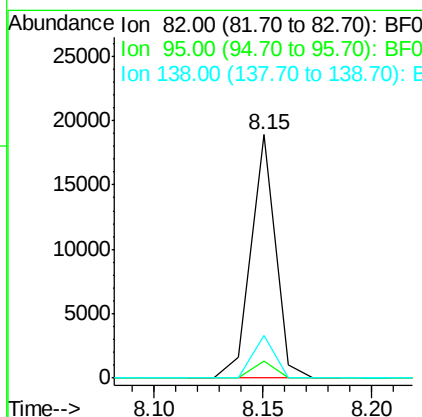
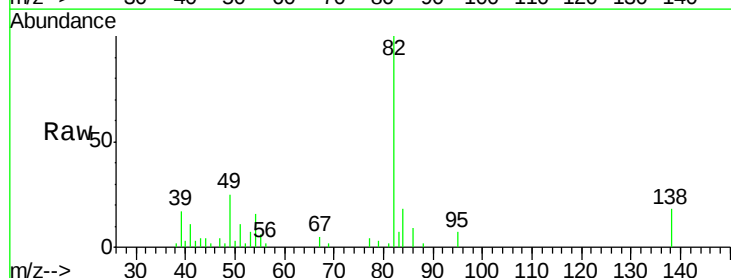
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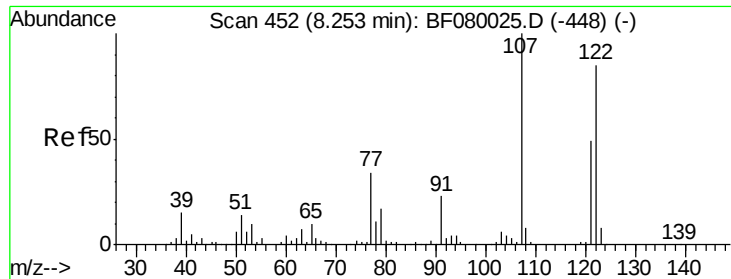
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#25
Isophorone
Concen: 2.73 ng
RT: 8.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	4.0	6.0#
138	17.7	18.3	27.5#





#27

2,4-Dimethylphenol

Concen: 2.33 ng m

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

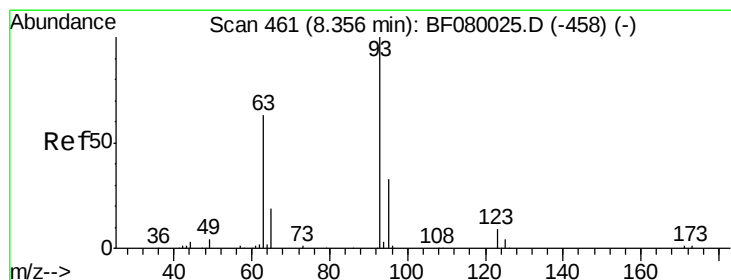
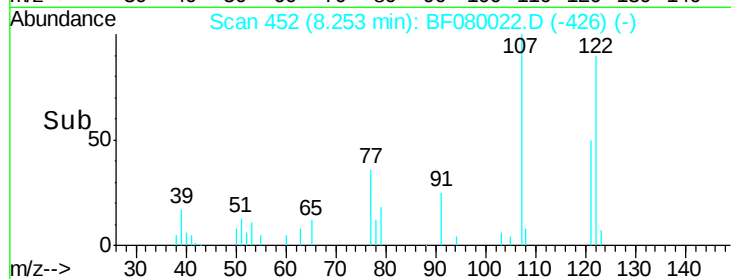
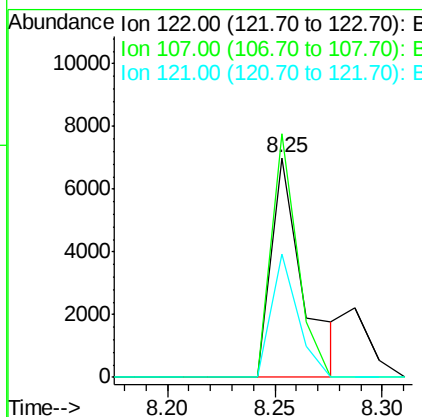
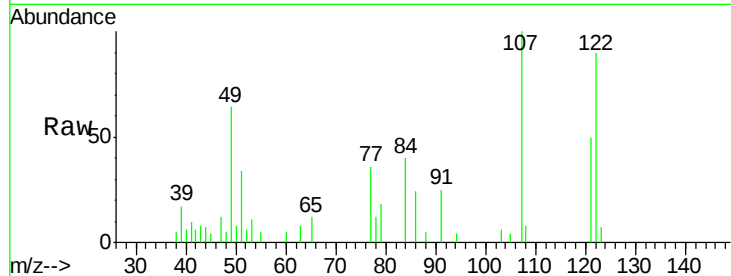
ClientSampled :

SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.9	71.8	107.6#
121	56.0	42.3	63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 2.39 ng

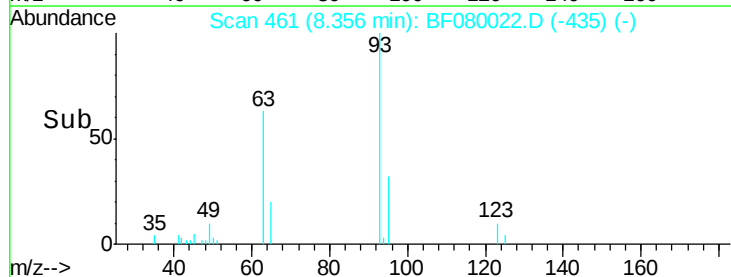
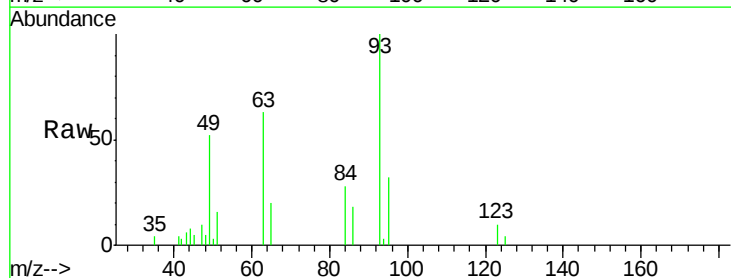
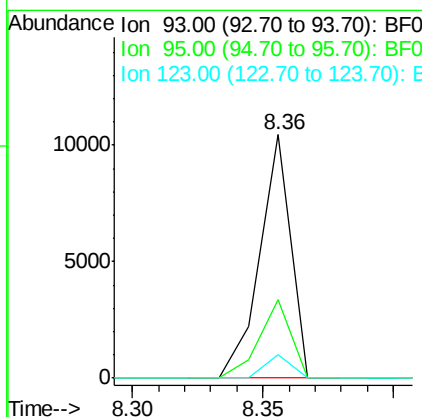
RT: 8.36 min Scan# 461

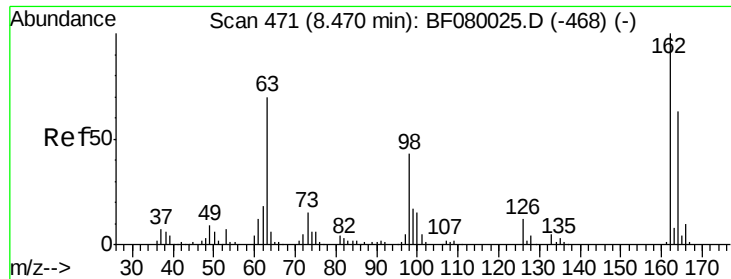
Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.5	41.3
123	9.6	13.7	20.5#





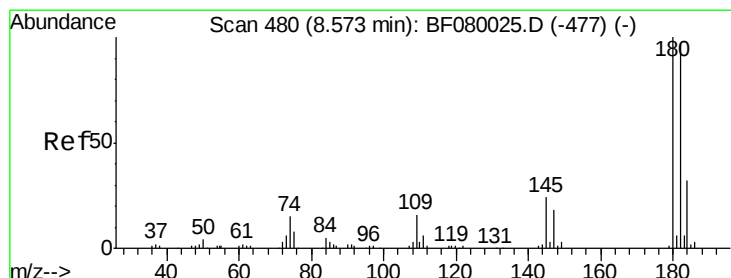
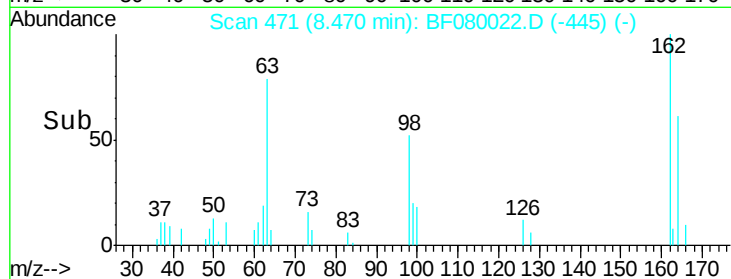
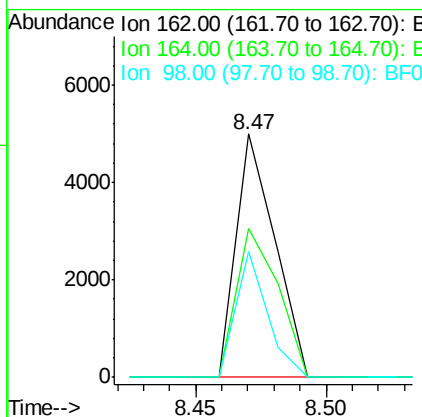
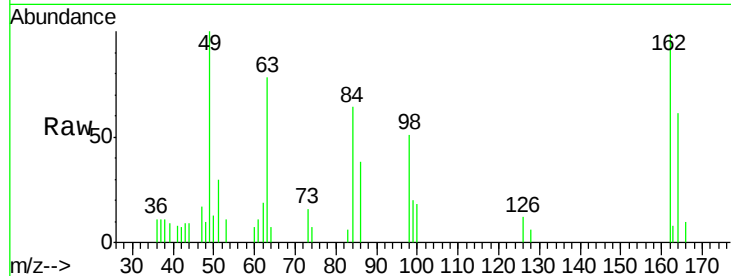
#29
 2,4-Dichlorophenol
 Concen: 2.10 ng
 RT: 8.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	5201		
164	61.0	44.9	84.9	
98	51.8	13.0	53.0	

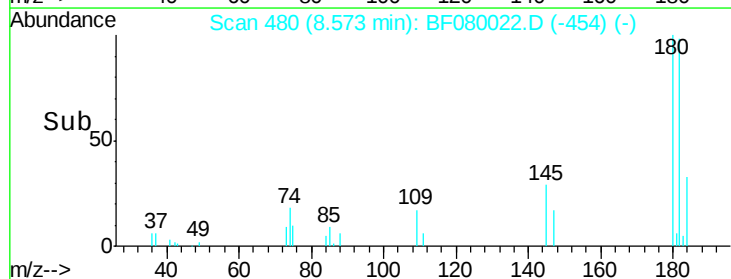
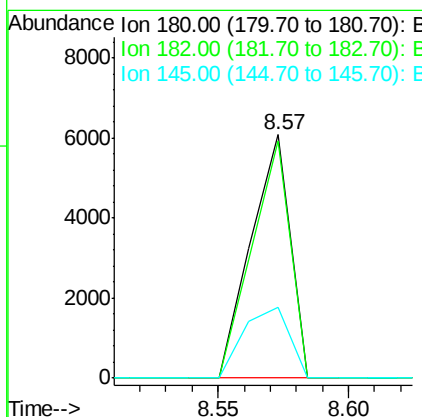
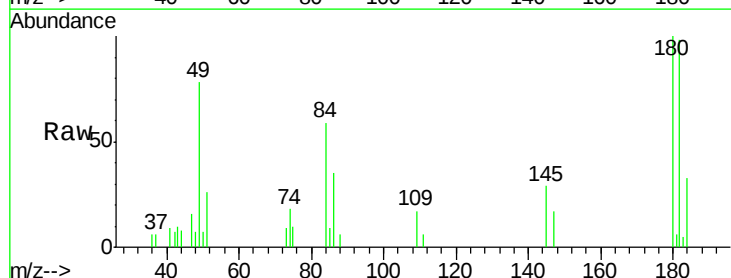
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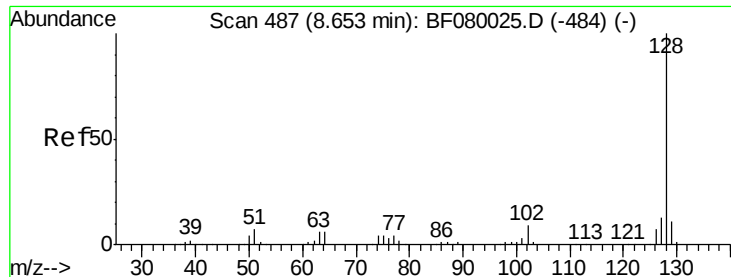
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#30
 1,2,4-Trichlorobenzene
 Concen: 2.40 ng
 RT: 8.57 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	6392		
182	97.6	77.1	115.7	
145	29.0	23.3	34.9	





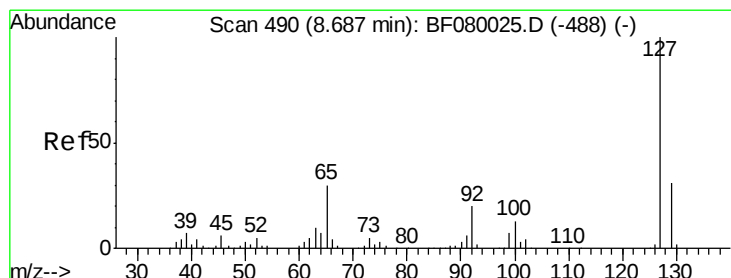
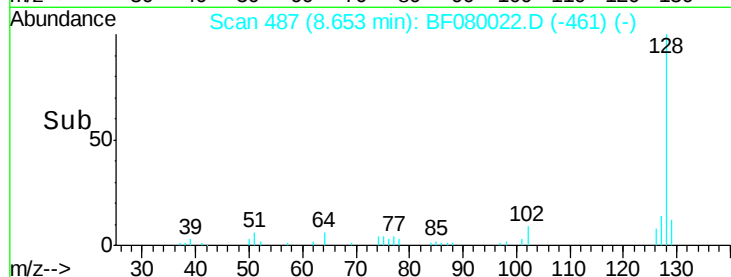
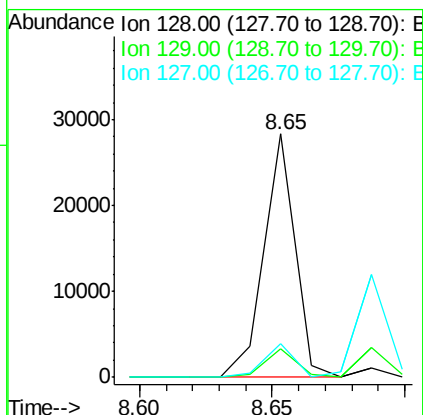
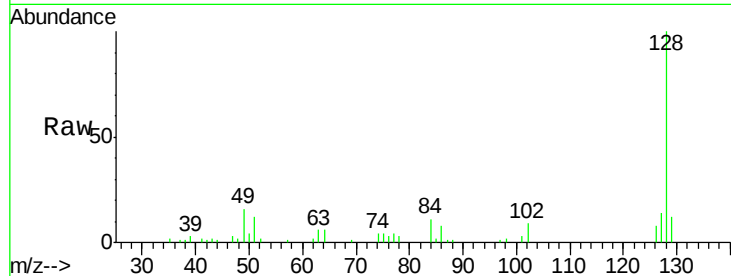
#31
Naphthalene
Concen: 2.24 ng m
RT: 8.65 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	22914		
129	11.6	8.4	12.6	
127	13.7	9.9	14.9	

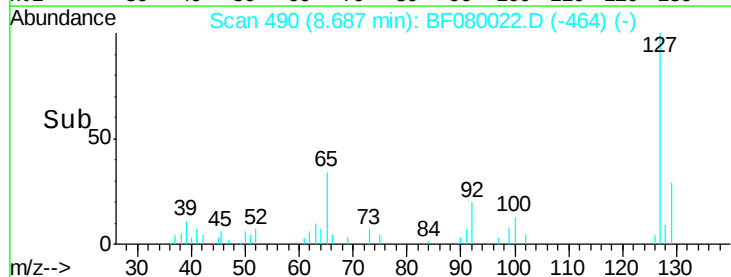
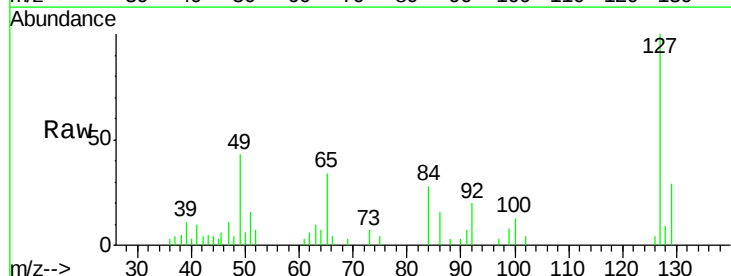
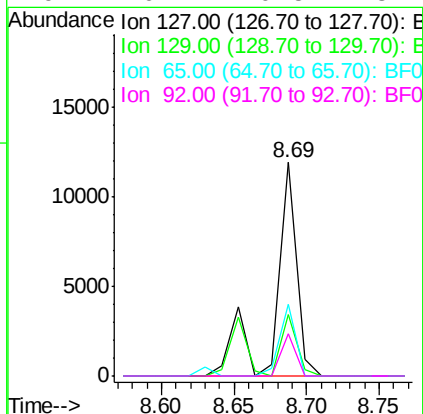
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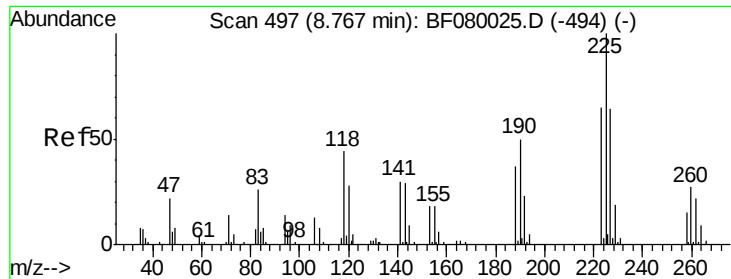
apatel
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#33
4-Chloroaniline
Concen: 3.12 ng
RT: 8.69 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	12259		
129	28.9	25.8	38.6	
65	33.7	17.9	26.9#	
92	20.1	10.5	15.7#	





#34

Hexachlorobutadiene

Concen: 3.56 ng

RT: 8.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

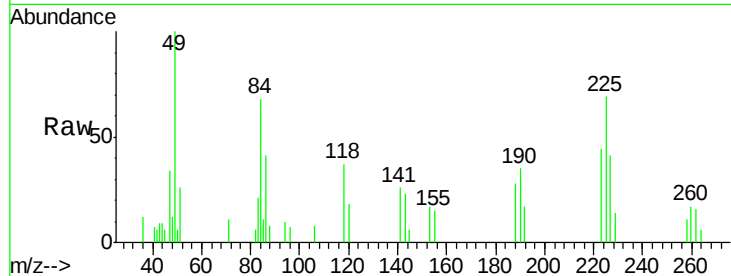
ClientSampleId :

SSTDICC2.5

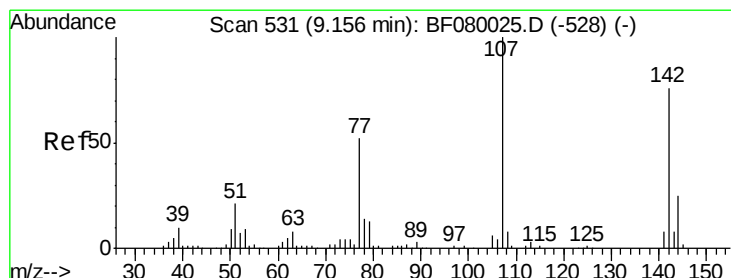
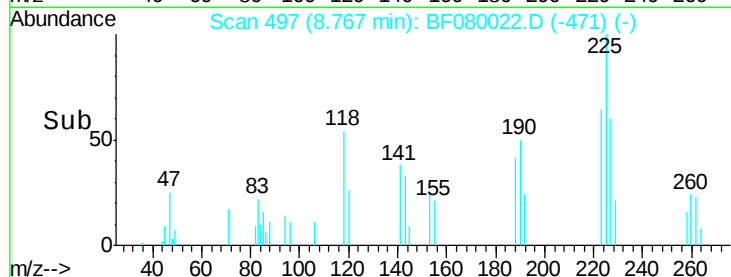
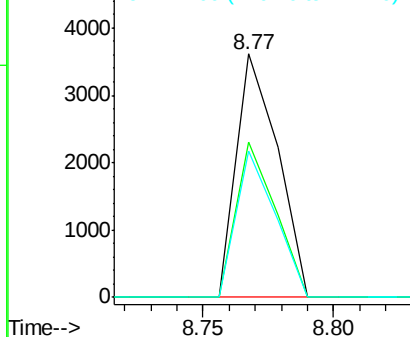
Tgt Ion:	225	Resp:	4008
Ion Ratio	Lower	Upper	
225	100		
223	64.0	50.2	75.2
227	60.2	52.2	78.2

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#36

4-Chloro-3-methylphenol

Concen: 2.80 ng

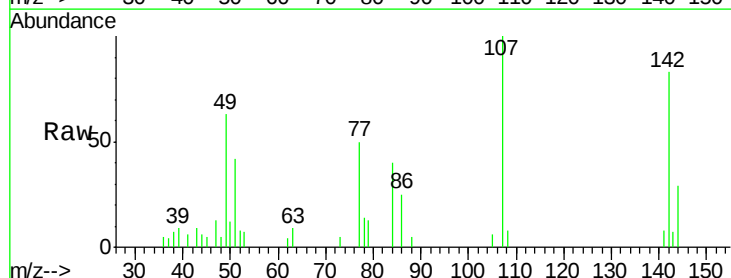
RT: 9.16 min Scan# 531

Delta R.T. 0.00 min

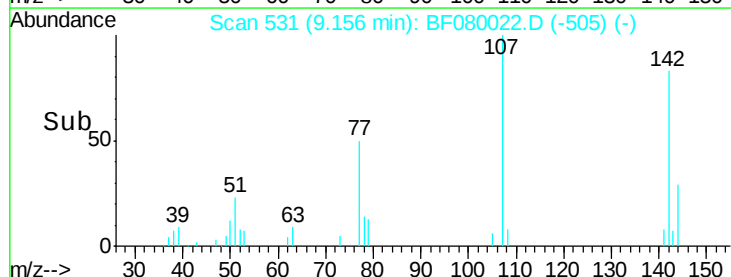
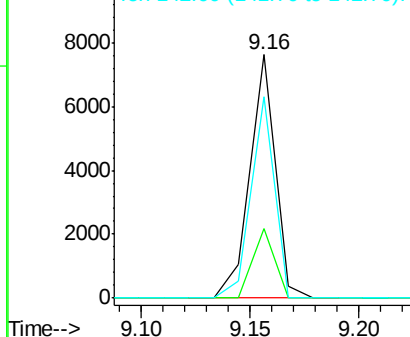
Lab File: BF080022.D

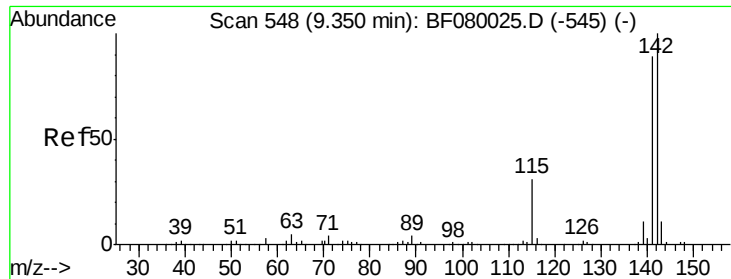
Acq: 17 Jun 2015 12:55

Tgt Ion:	107	Resp:	6202
Ion Ratio	Lower	Upper	
107	100		
144	28.6	25.4	38.0
142	82.7	77.3	115.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





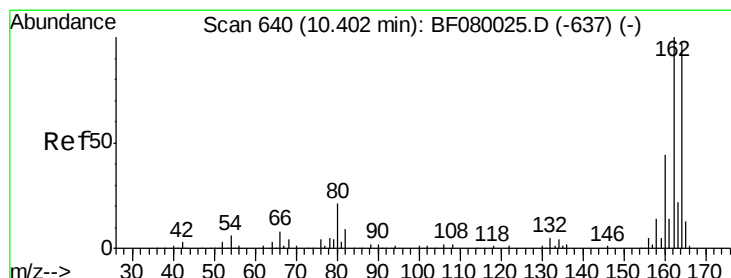
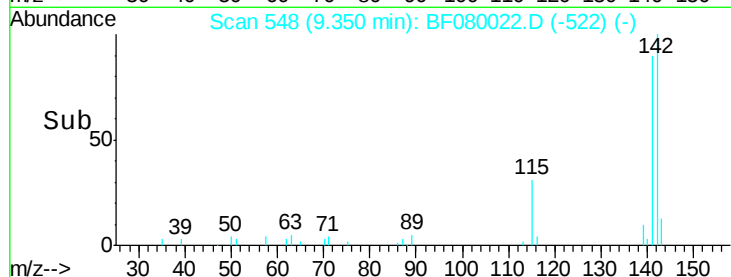
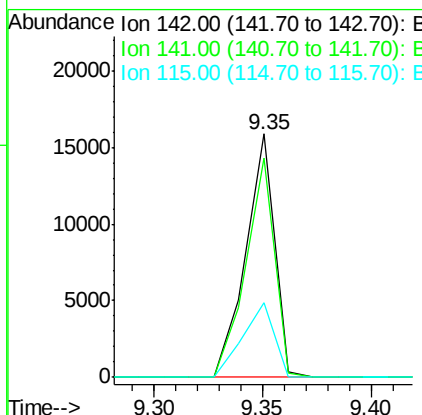
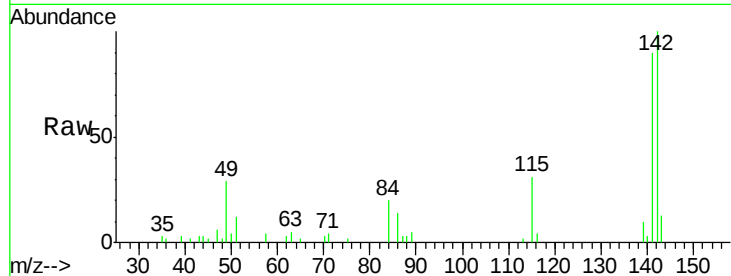
#37
2-Methylnaphthalene
Concen: 2.38 ng
RT: 9.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	67.5	101.3
115	30.9	18.2	27.2

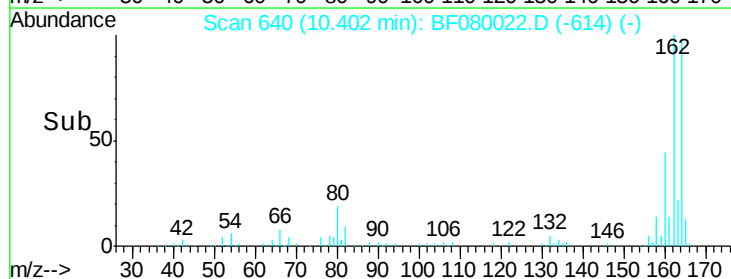
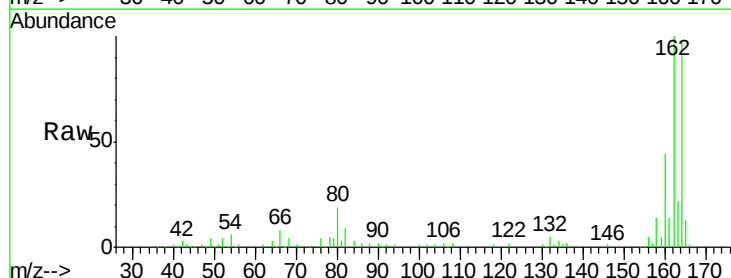
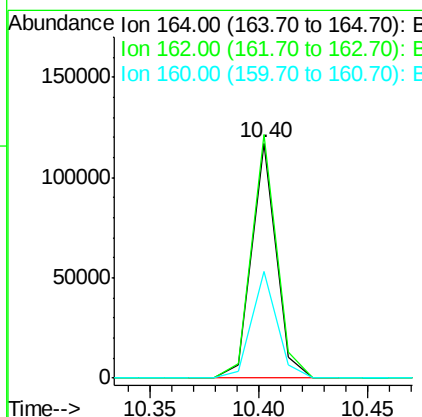
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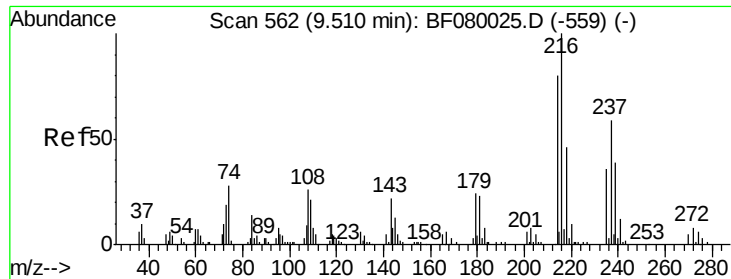
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	75.2	112.8
160	45.5	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.38 ng

RT: 9.51 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

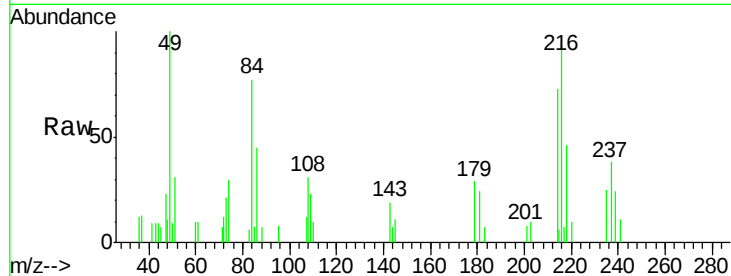
ClientSampleId :

SSTDICC2.5

Tgt Ion:	216	Resp:	6150
Ion Ratio	Lower	Upper	
216	100		
214	80.8	63.5	95.3
179	23.4	16.6	24.8
108	22.0	16.3	24.5

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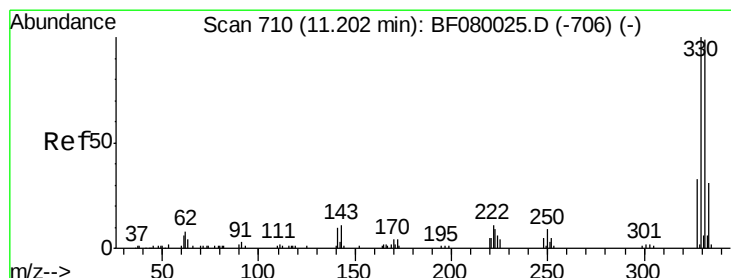
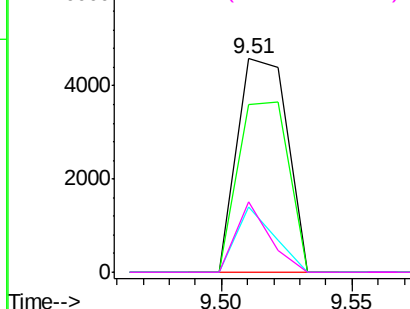
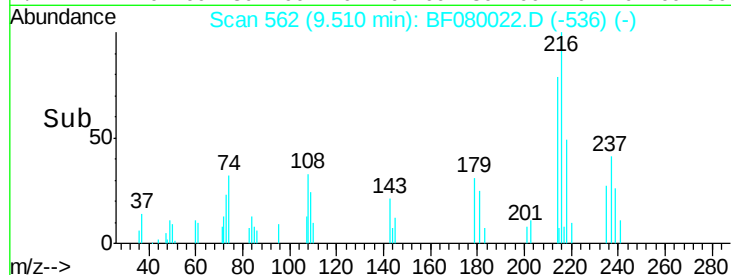


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 5.56 ng

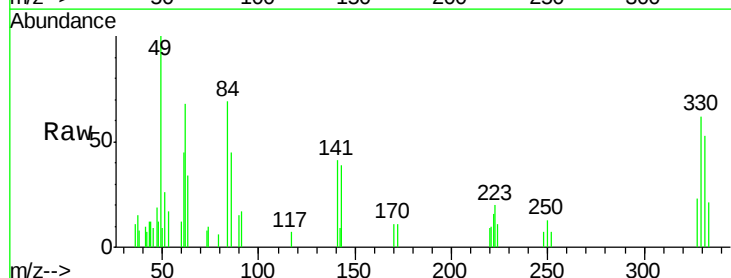
RT: 11.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

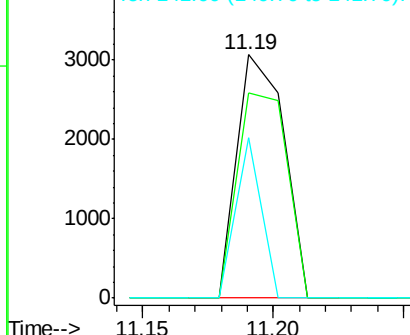
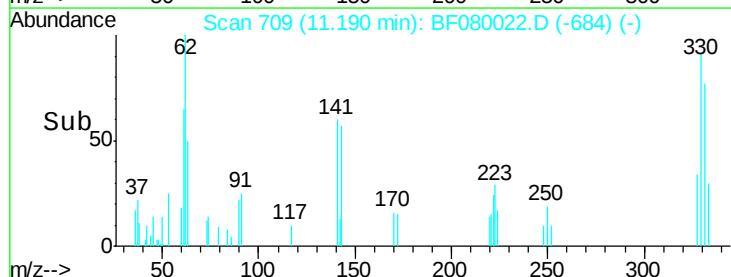
Tgt Ion:	330	Resp:	3882
Ion Ratio	Lower	Upper	
330	100		
332	89.6	76.6	114.8
141	35.8	29.7	44.5

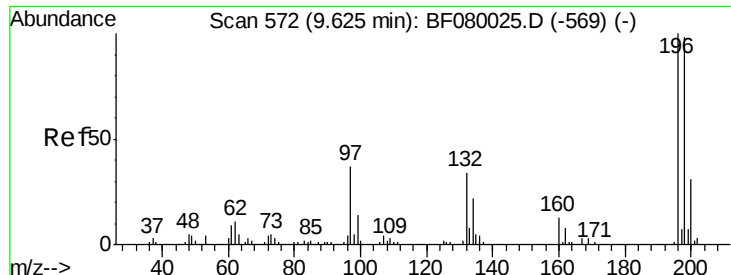


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





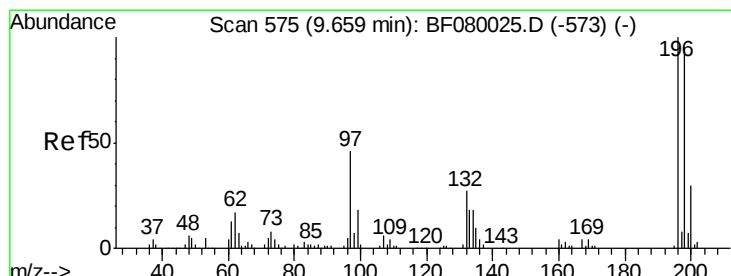
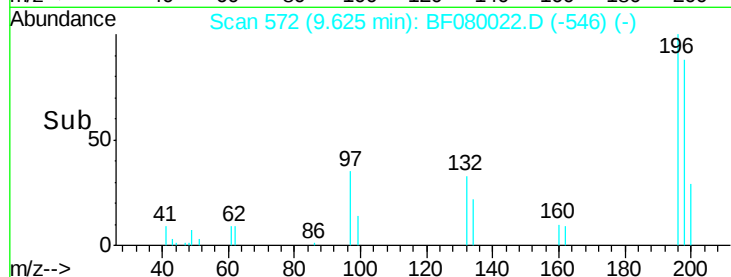
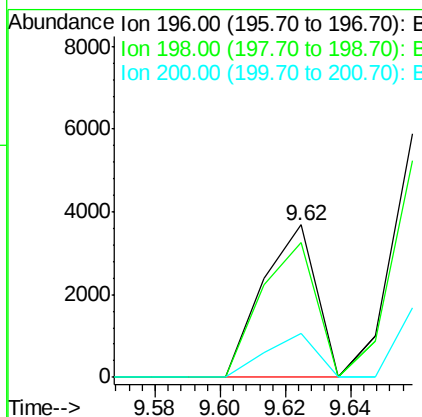
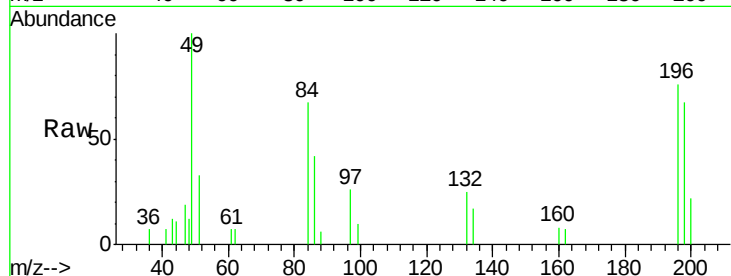
#42
 2,4,6-Trichlorophenol
 Concen: 2.45 ng
 RT: 9.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	4168		
198	88.3	75.7	113.5	
200	28.9	23.9	35.9	

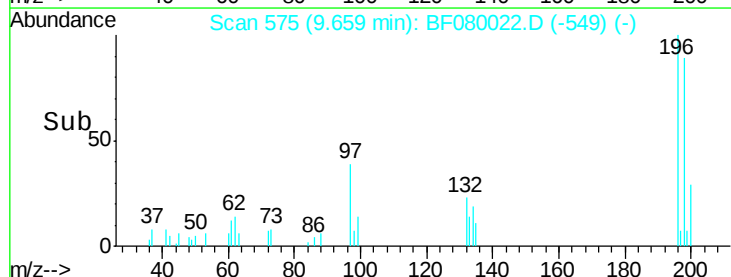
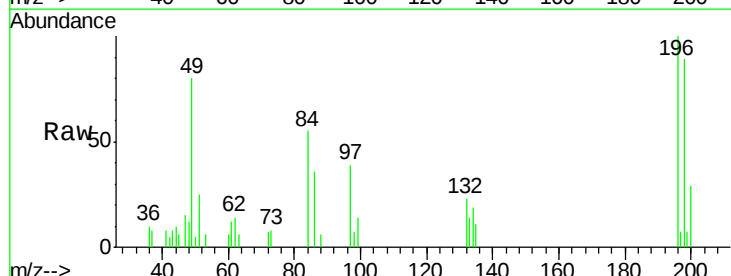
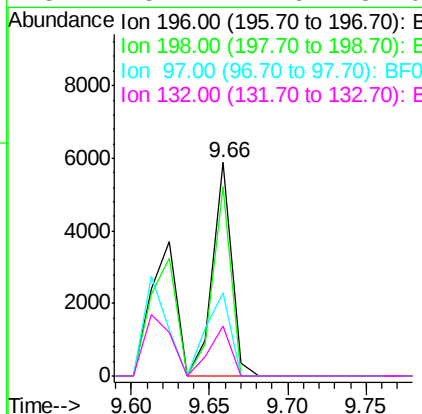
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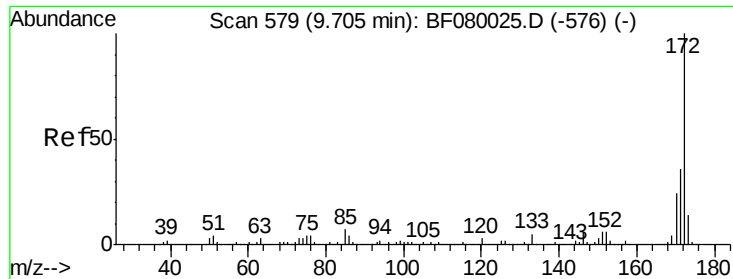
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#43
 2,4,5-Trichlorophenol
 Concen: 2.80 ng m
 RT: 9.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	4962		
198	88.9	75.4	113.0	
97	39.2	33.3	49.9	
132	23.2	24.6	37.0	





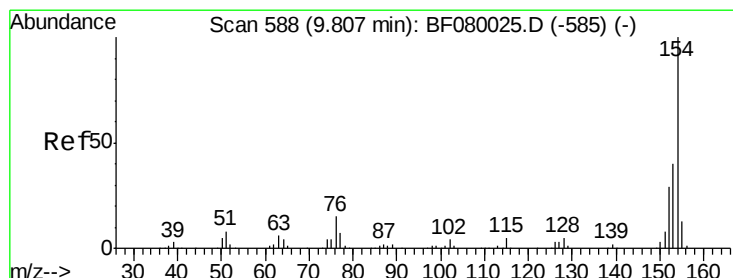
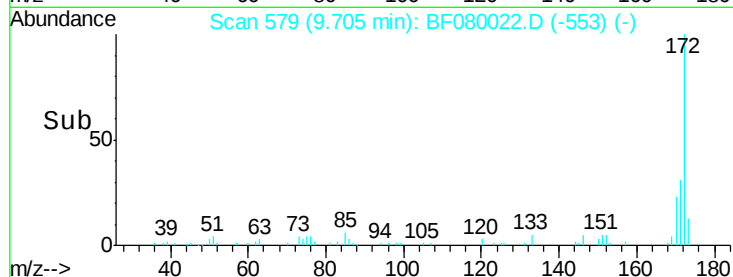
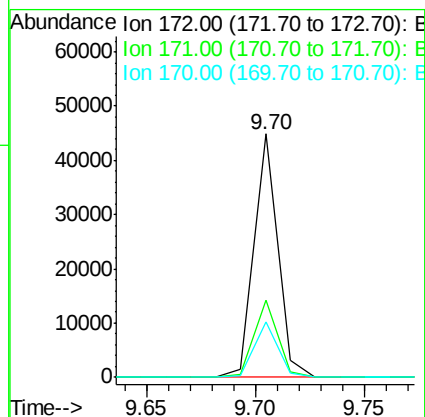
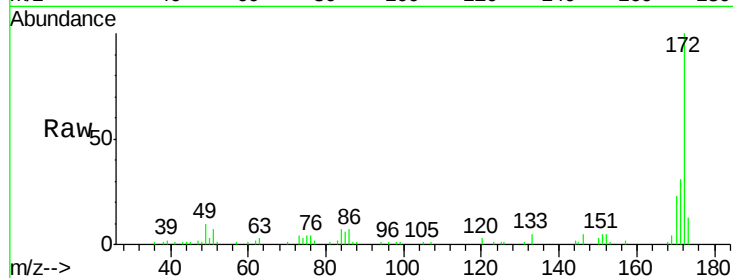
#44
 2-Fluorobiphenyl
 Concen: 4.37 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.5	26.1	39.1
170	22.7	17.4	26.2

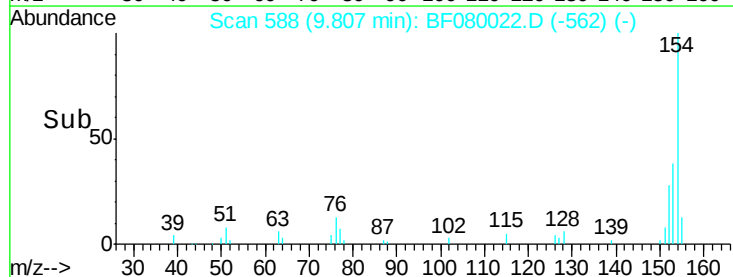
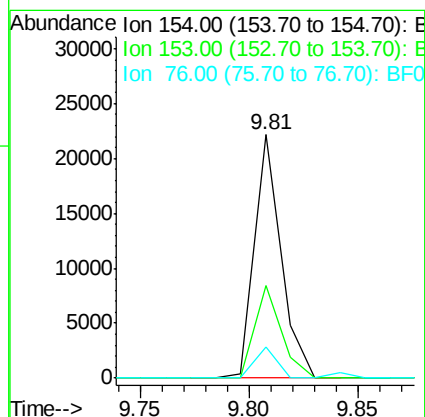
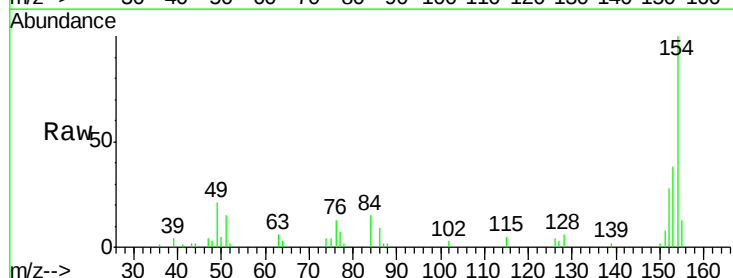
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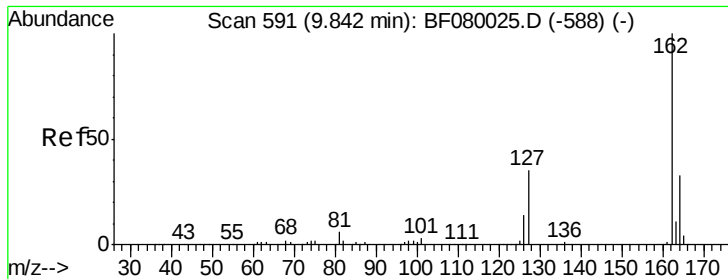
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#45
 1,1'-Biphenyl
 Concen: 2.11 ng
 RT: 9.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.0	17.1	57.1
76	12.7	0.0	31.6





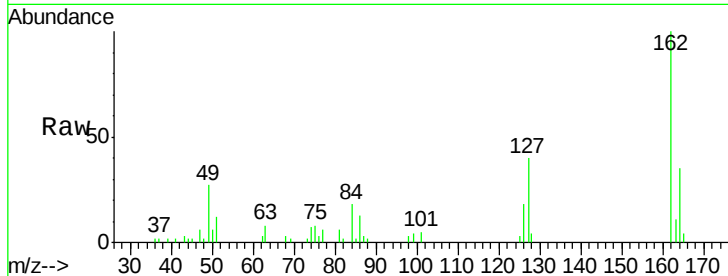
#46
 2-Chloronaphthalene
 Concen: 2.46 ng
 RT: 9.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

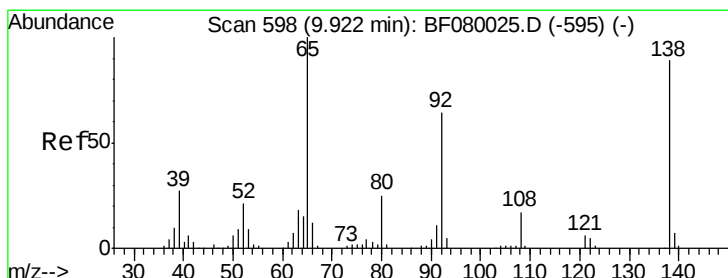
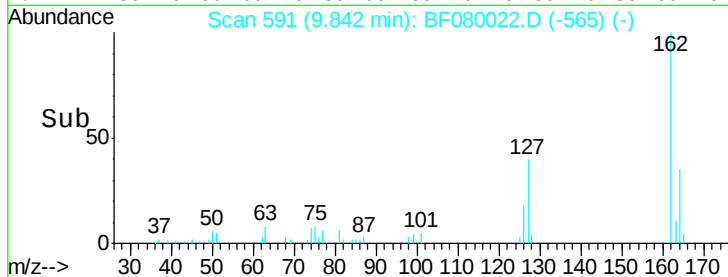
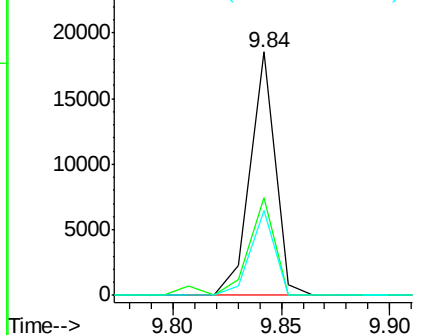
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	14818		
127	40.2	27.6	41.4	
164	35.0	25.4	38.2	

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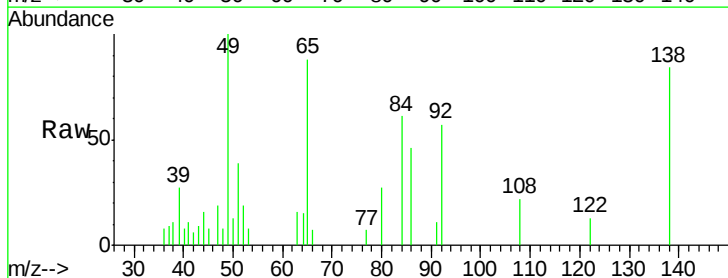


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

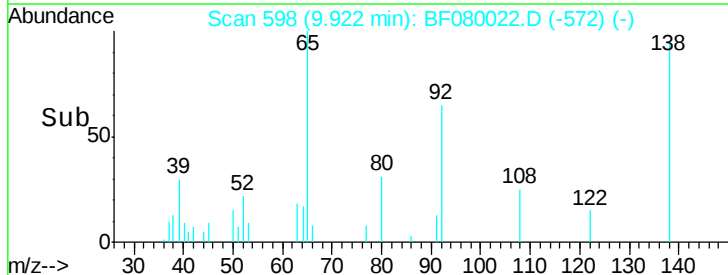
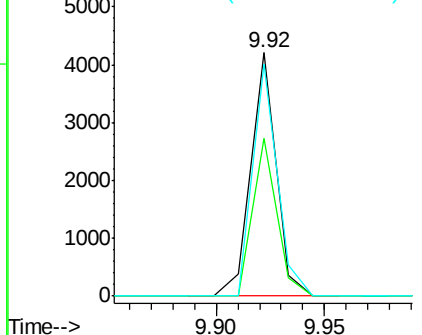


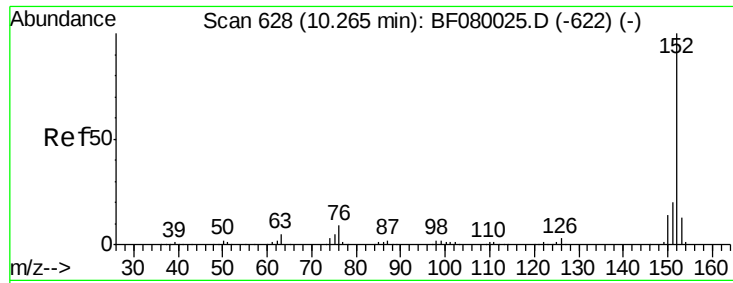
#47
 2-Nitroaniline
 Concen: 2.14 ng
 RT: 9.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	3396		
92	64.9	55.4	83.0	
138	95.3	115.5	173.3	



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





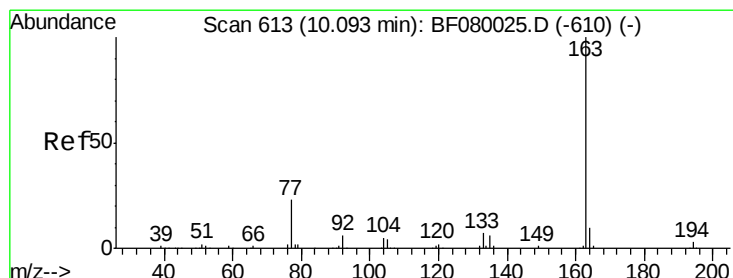
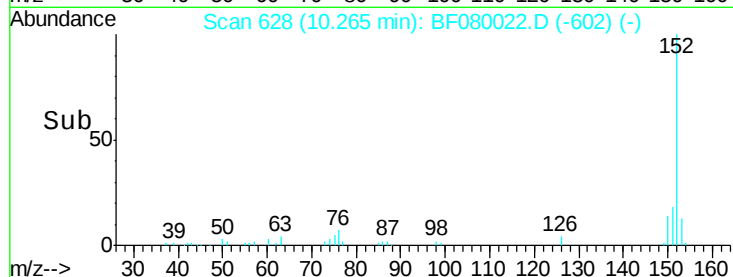
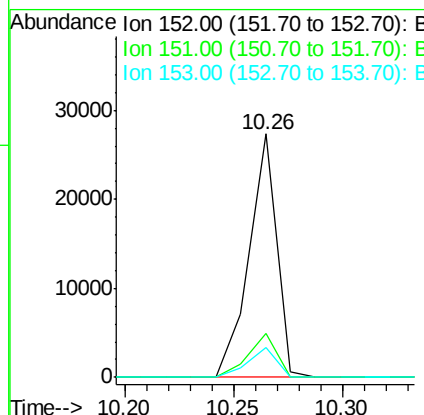
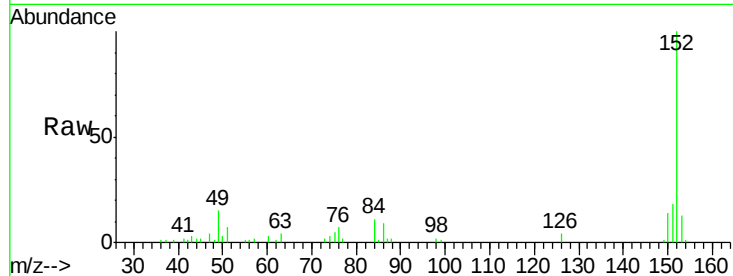
#48
 Acenaphthylene
 Concen: 2.25 ng
 RT: 10.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	24039		
151	18.0		14.6	22.0
153	12.5		10.3	15.5

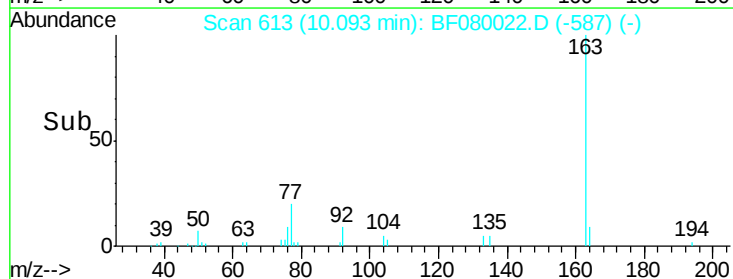
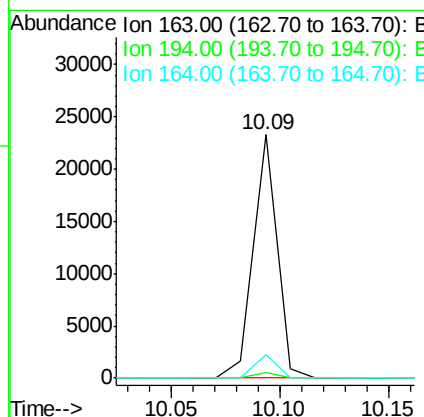
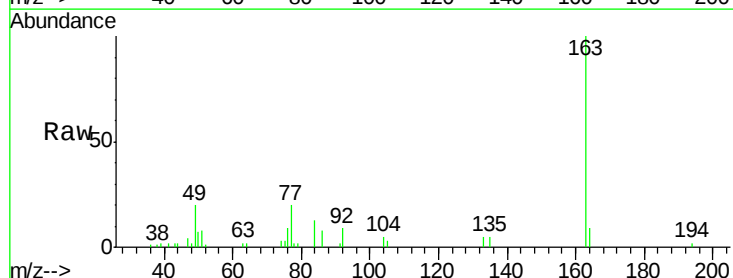
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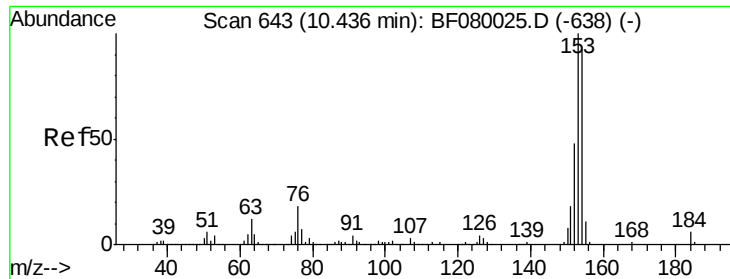
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#49
 Dimethylphthalate
 Concen: 2.86 ng
 RT: 10.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	17644		
194	2.3		4.4	6.6#
164	9.5		8.3	12.5





#51

Acenaphthene

Concen: 2.29 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080022.D

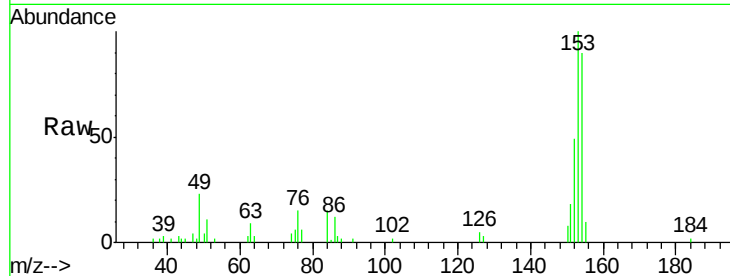
Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

ClientSampleId :

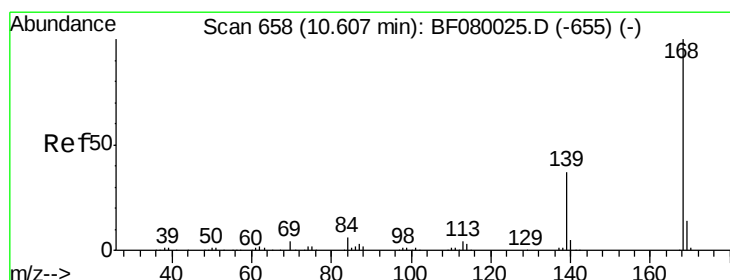
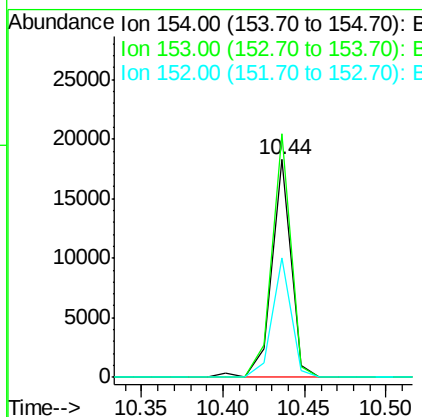
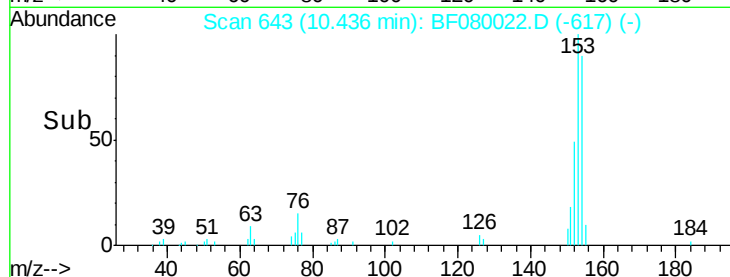
SSTDICC2.5



Tgt Ion:	154	Resp:	15124
Ion Ratio	Lower	Upper	
154	100		
153	111.7	82.1	123.1
152	54.9	37.9	56.9

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#54

Dibenzofuran

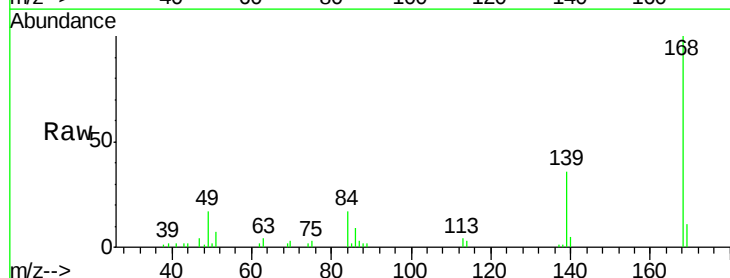
Concen: 2.63 ng

RT: 10.61 min Scan# 658

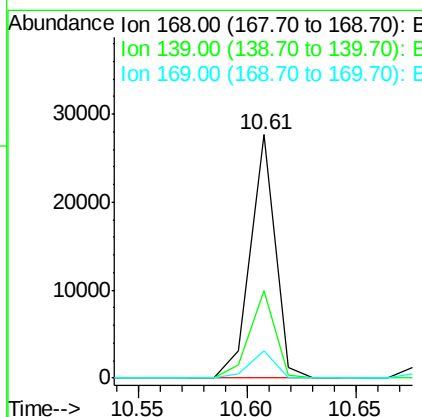
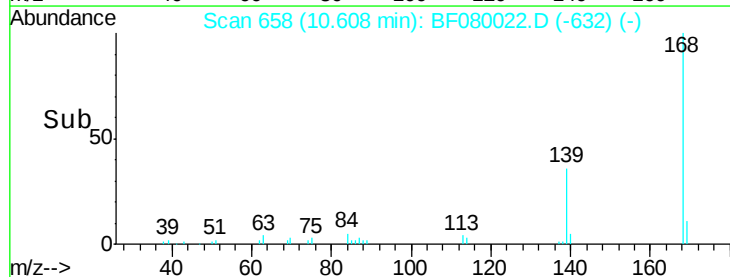
Delta R.T. 0.00 min

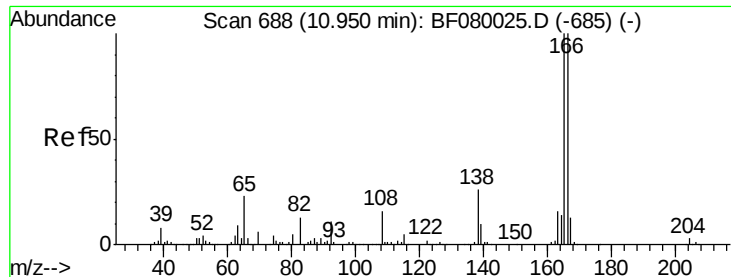
Lab File: BF080022.D

Acq: 17 Jun 2015 12:55



Tgt Ion:	168	Resp:	21888
Ion Ratio	Lower	Upper	
168	100		
139	36.0	24.2	36.2
169	11.3	10.6	15.8





#57

Fluorene

Concen: 2.31 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

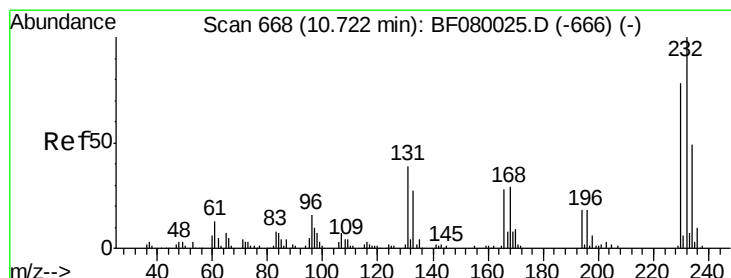
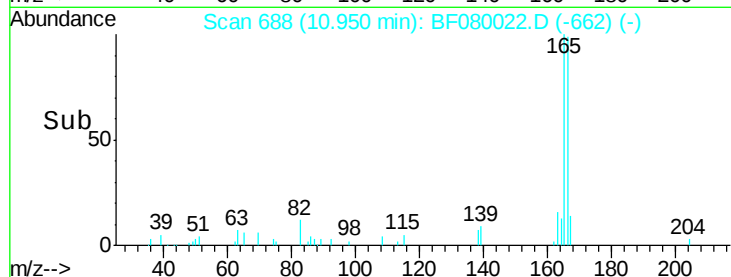
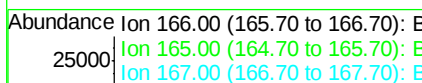
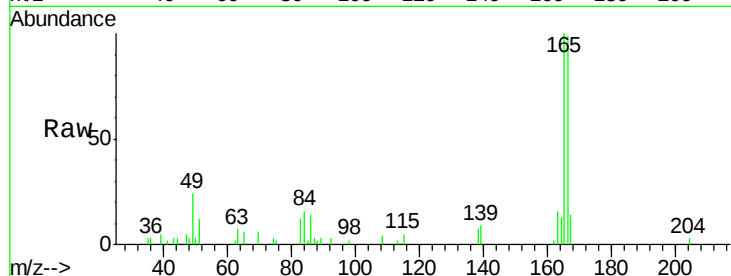
ClientSampleId :

SSTDICC2.5

Tgt Ion:	166	Resp:	16911
Ion Ratio	Lower	Upper	
166	100		
165	101.0	72.6	109.0
167	14.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 2.96 ng

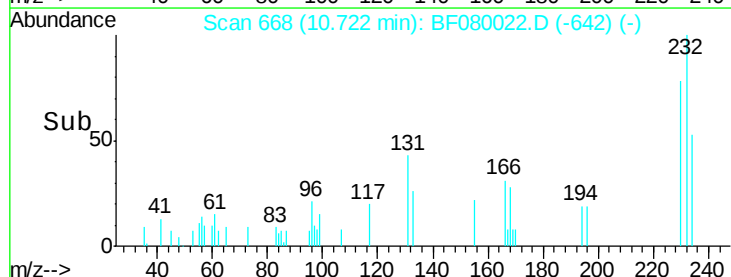
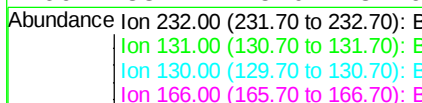
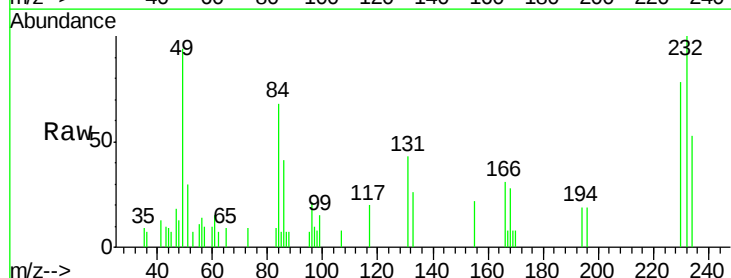
RT: 10.72 min Scan# 668

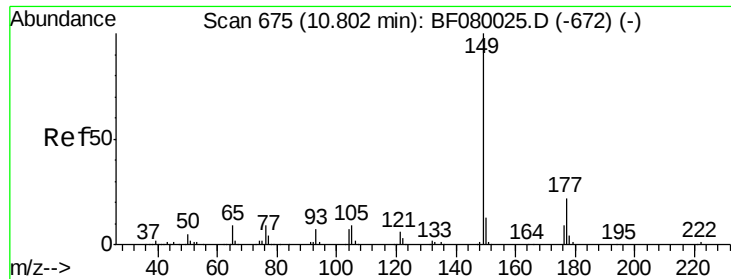
Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Tgt Ion:	232	Resp:	3943
Ion Ratio	Lower	Upper	
232	100		
131	47.2	38.5	57.7
130	0.0	1.8	2.6
166	33.1	25.0	37.6





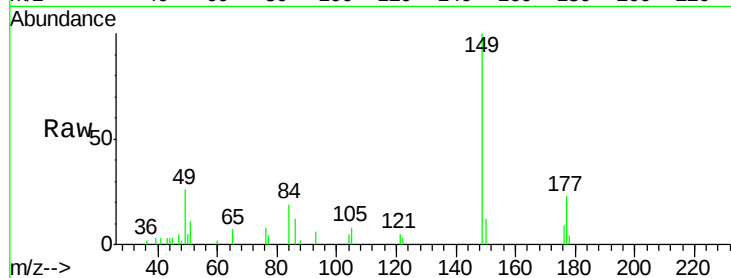
#59
Diethylphthalate
Concen: 2.64 ng
RT: 10.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

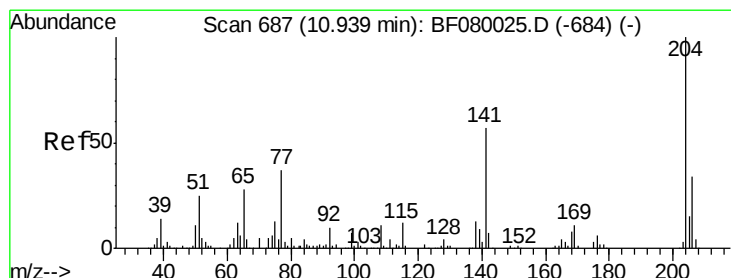
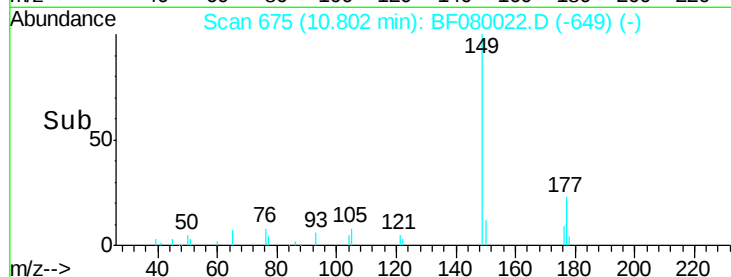
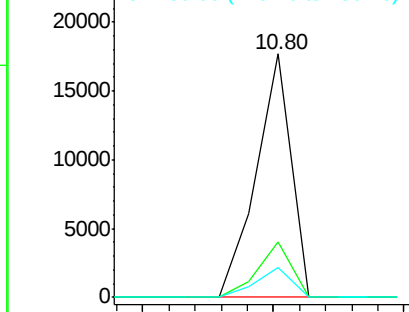
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.5	26.3
150	12.2	9.4	14.2

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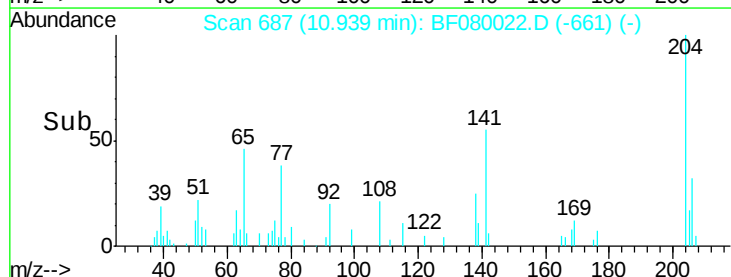
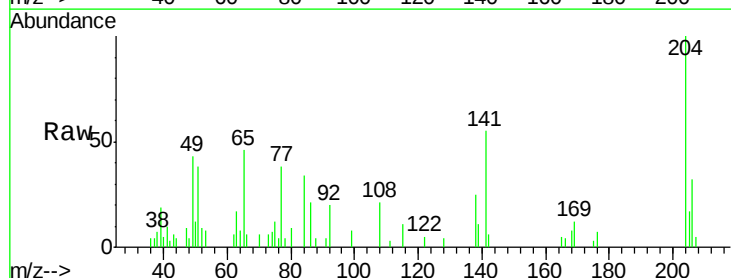
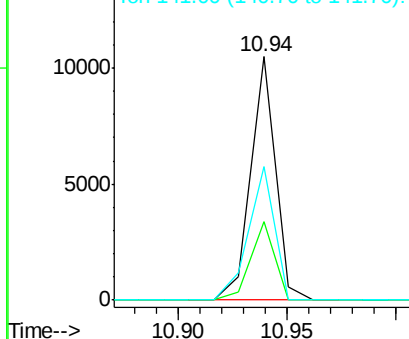
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

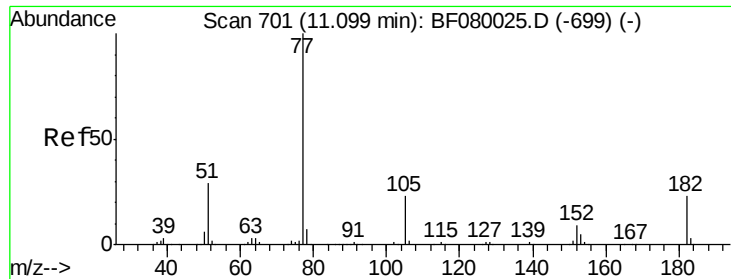


#60
4-Chlorophenyl-phenylether
Concen: 2.87 ng
RT: 10.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	24.8	37.2
141	54.7	42.2	63.4

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

Azobenzene

Concen: 2.89 ng

RT: 11.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF080022.D

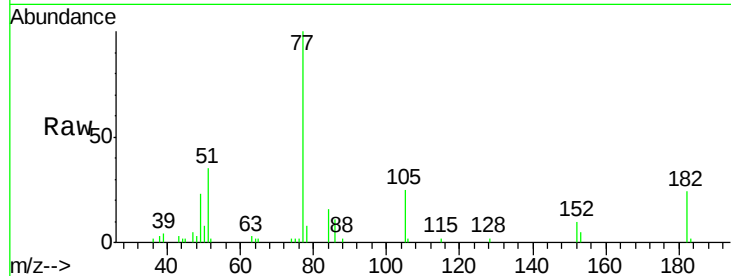
Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

ClientSampleId :

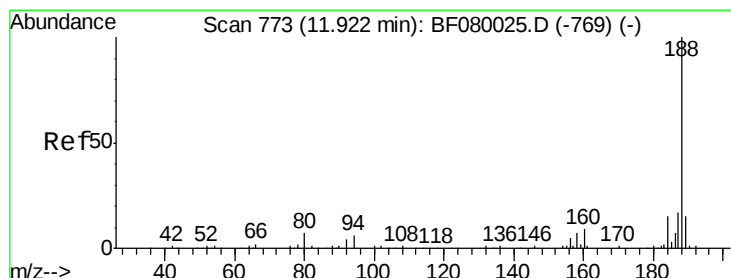
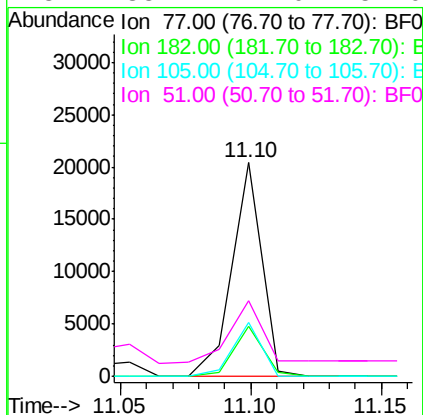
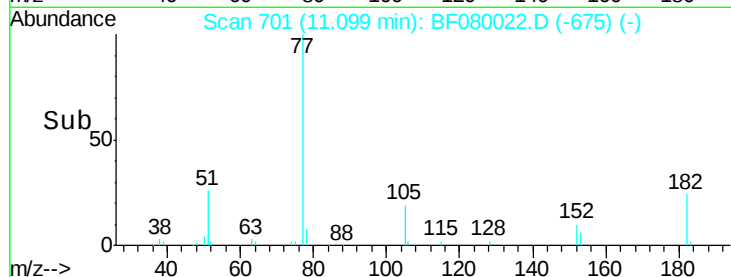
SSTDICC2.5



Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	15.1	55.1
105	25.3	3.4	43.4
51	35.2	12.0	52.0

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#63

Phenanthrene-d10

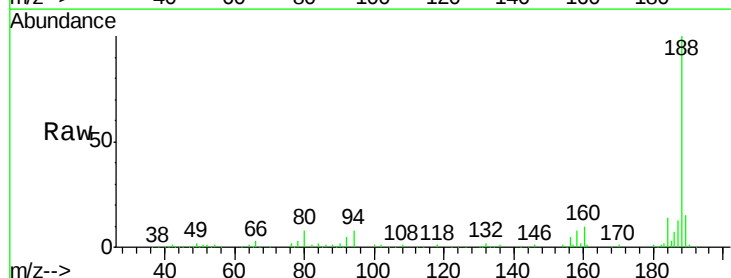
Concen: 20.00 ng

RT: 11.92 min Scan# 773

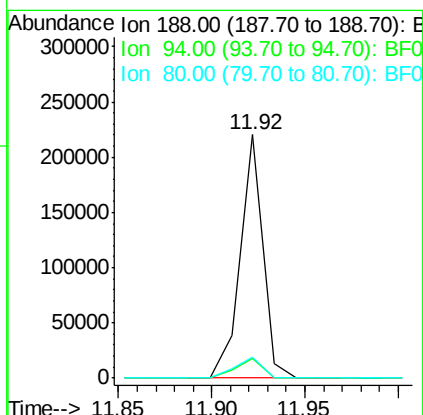
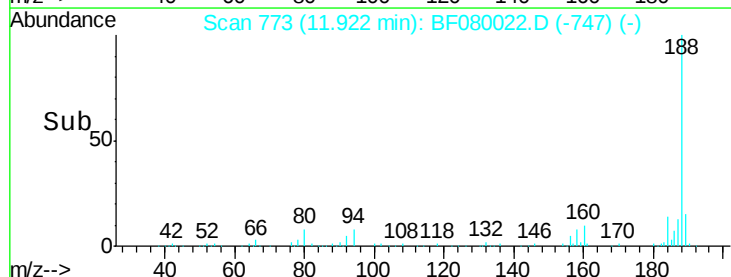
Delta R.T. 0.00 min

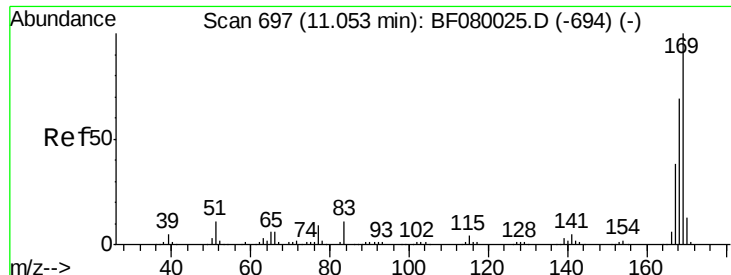
Lab File: BF080022.D

Acq: 17 Jun 2015 12:55



Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	11.1	16.7#
80	8.4	11.0	16.4#





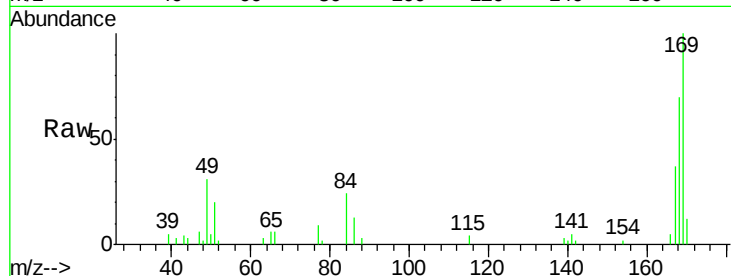
#65
 n-Nitrosodiphenylamine
 Concen: 2.03 ng
 RT: 11.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	48.9	73.3
167	37.1	26.2	39.4

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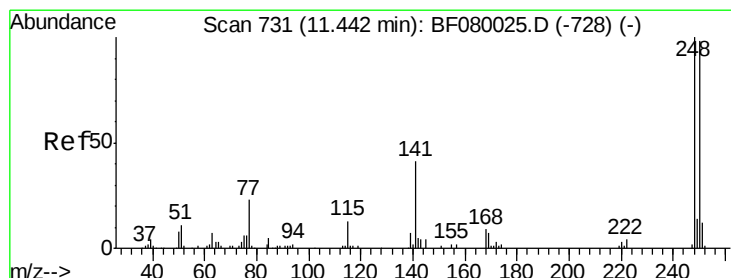
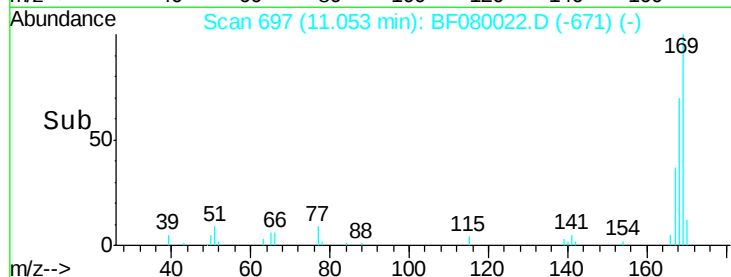
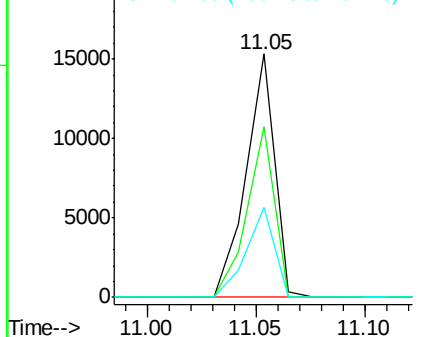


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 2.83 ng
 RT: 11.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

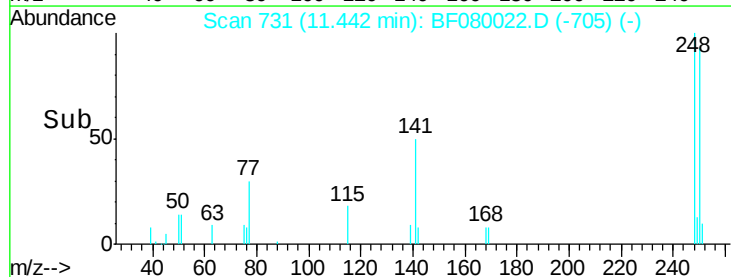
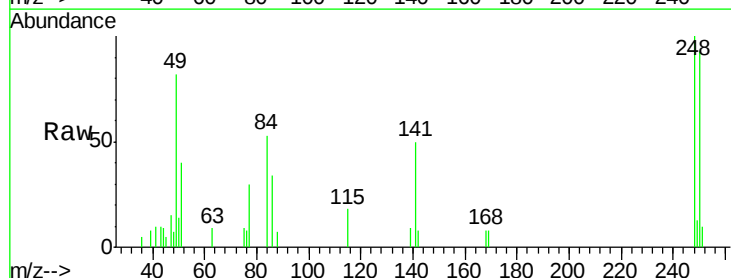
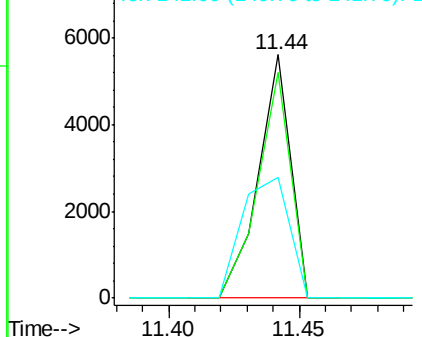
Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.8	78.5	117.7
141	49.8	59.0	88.6

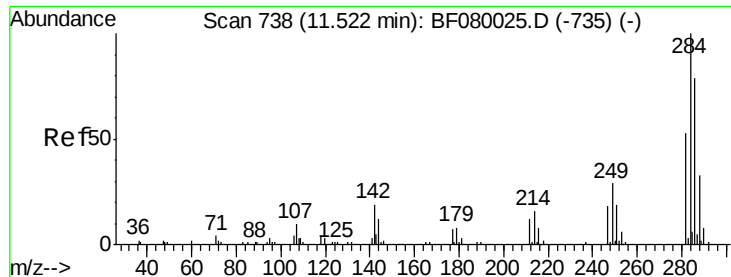
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





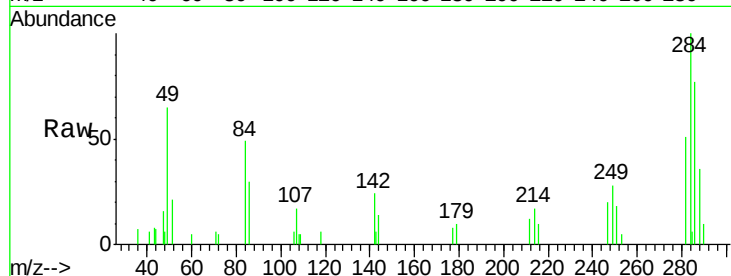
#67
Hexachlorobenzene
Concen: 3.01 ng
RT: 11.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

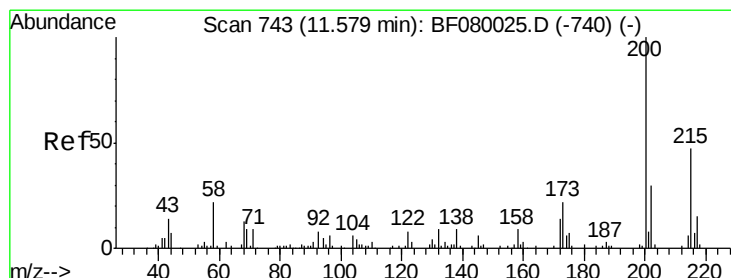
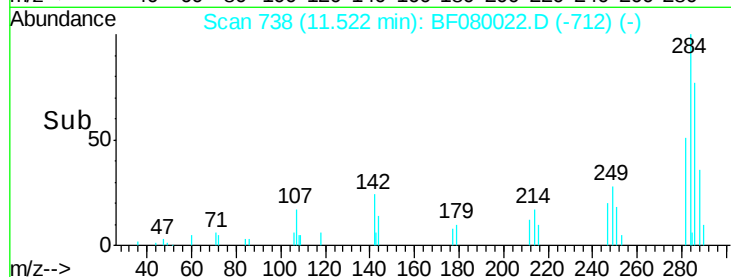
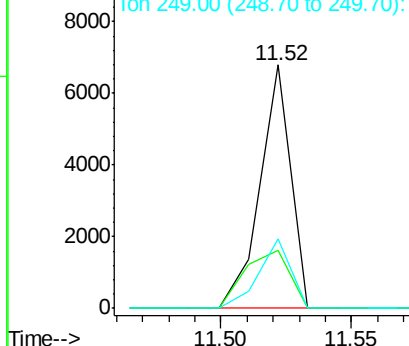
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	5591		
142	24.1	29.5	44.3#	
249	28.3	19.5	29.3	

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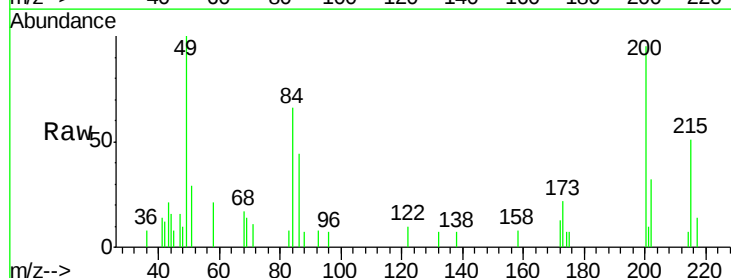


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

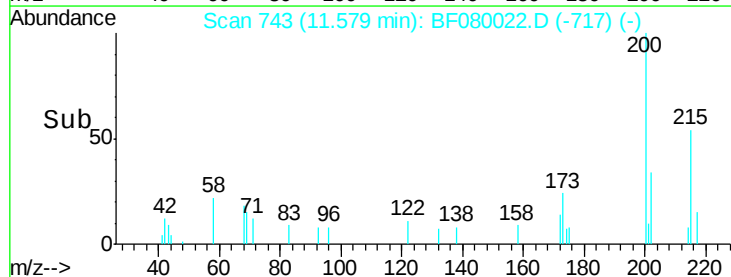
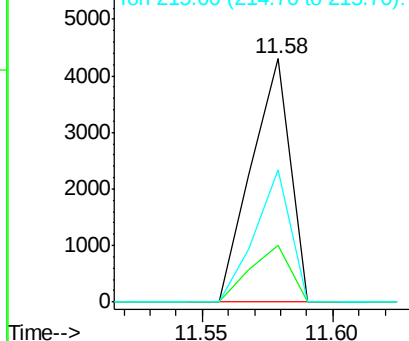


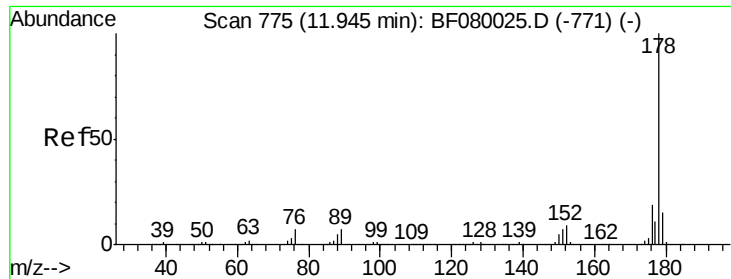
#68
Atrazine
Concen: 2.84 ng
RT: 11.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	4493		
173	23.5	13.2	53.2	
215	54.1	41.8	81.8	



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





#70

Phenanthrene

Concen: 2.48 ng

RT: 11.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF080022.D

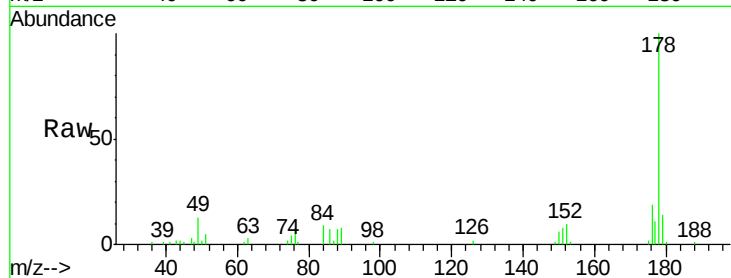
Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

ClientSampleId :

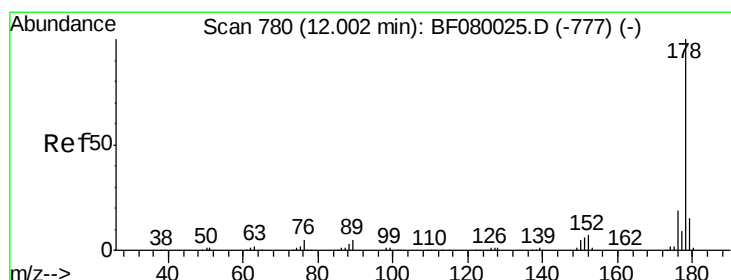
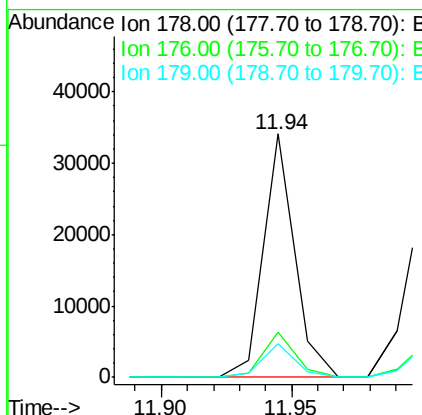
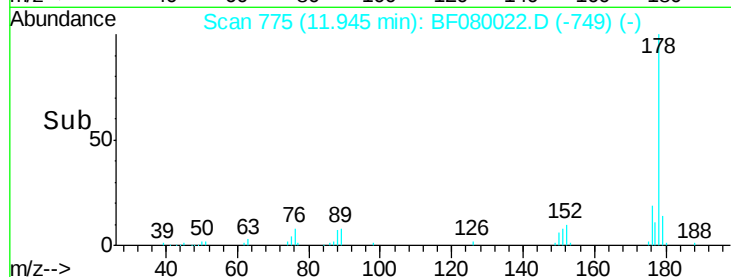
SSTDICC2.5



Tgt Ion:	178	Resp:	28535
Ion Ratio	Lower	Upper	
178	100		
176	18.7	13.8	20.8
179	13.9	12.2	18.2

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#71

Anthracene

Concen: 2.28 ng

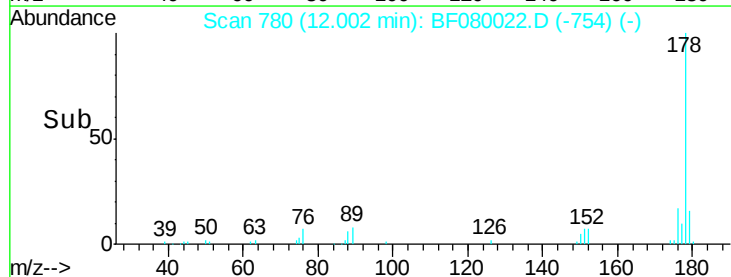
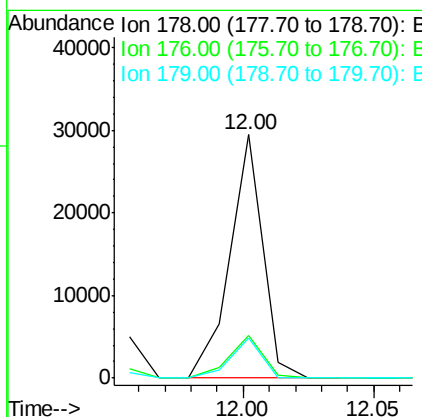
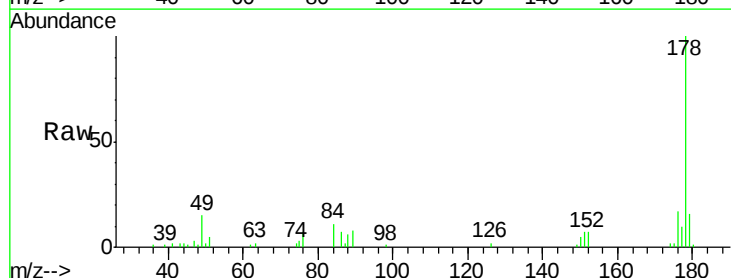
RT: 12.00 min Scan# 780

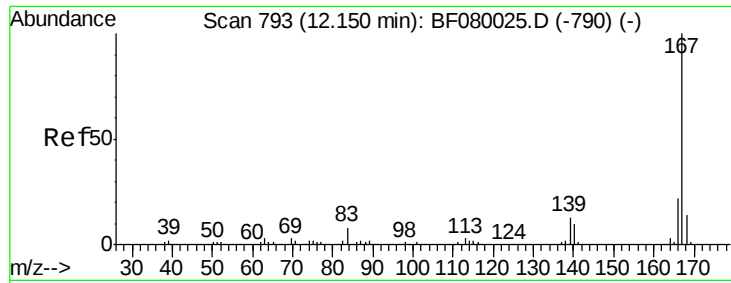
Delta R.T. 0.00 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Tgt Ion:	178	Resp:	25979
Ion Ratio	Lower	Upper	
178	100		
176	17.4	14.1	21.1
179	16.2	12.2	18.2





#72

Carbazole

Concen: 2.29 ng

RT: 12.15 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF080022.D

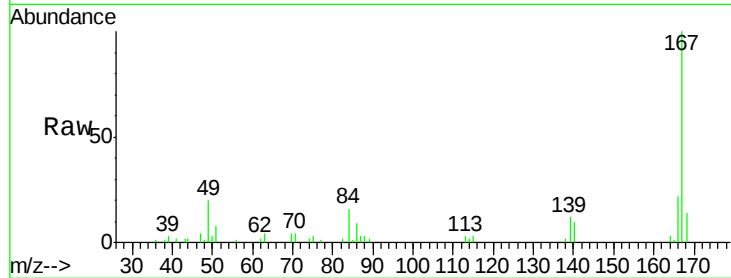
Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

ClientSampleId :

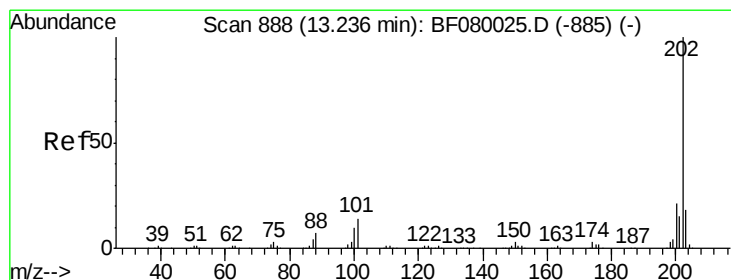
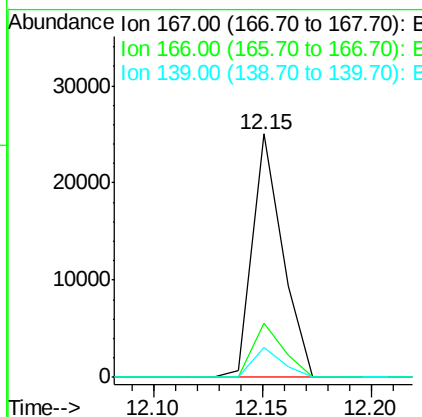
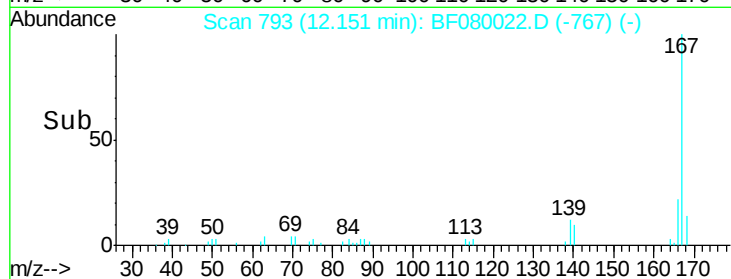
SSTDICC2.5



Tgt Ion:	167	Resp:	24049
Ion Ratio	Lower	Upper	
167	100		
166	22.1	15.7	23.5
139	12.4	9.5	14.3

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#74

Fluoranthene

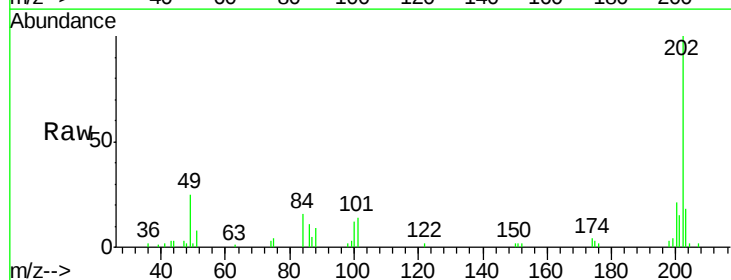
Concen: 2.89 ng

RT: 13.25 min Scan# 889

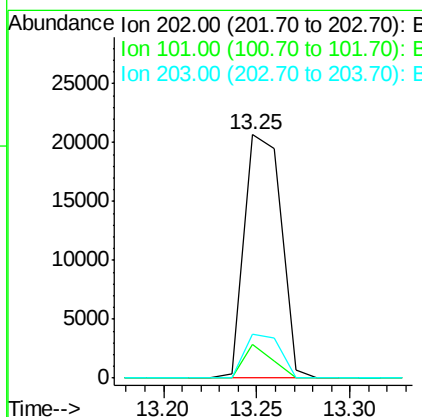
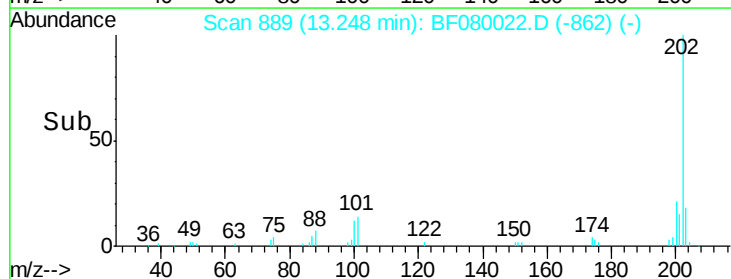
Delta R.T. 0.01 min

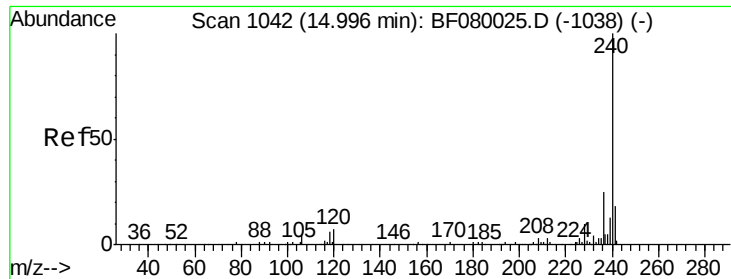
Lab File: BF080022.D

Acq: 17 Jun 2015 12:55



Tgt Ion:	202	Resp:	28328
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	38.3
203	18.0	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1045

Delta R.T. 0.03 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

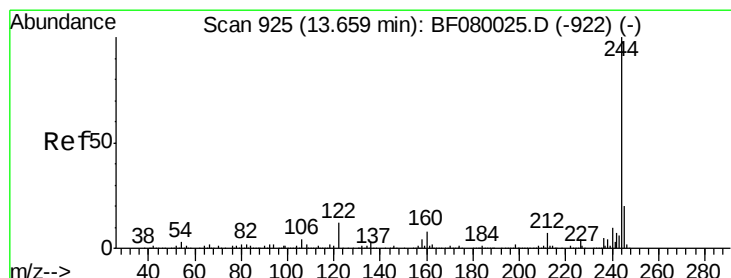
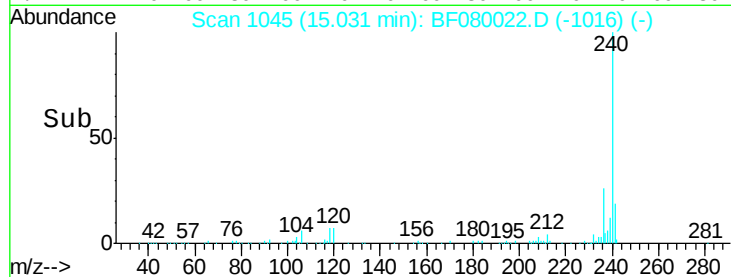
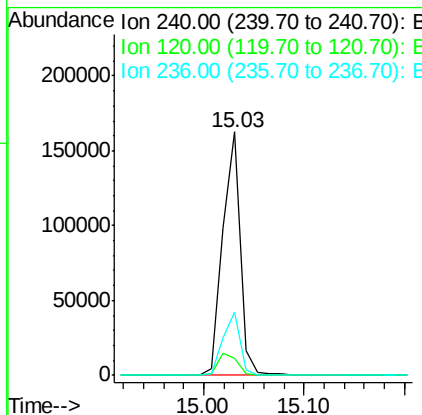
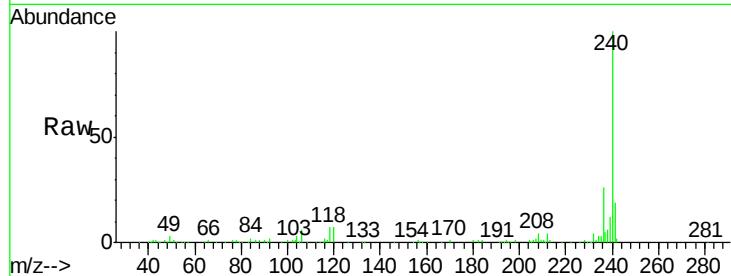
ClientSampleId :

SSTDICC2.5

Tgt Ion:	240	Resp:	197205
Ion Ratio		Lower	Upper
240	100		
120	7.2	16.2	24.2#
236	25.8	18.4	27.6

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#78

Terphenyl-d14

Concen: 4.48 ng

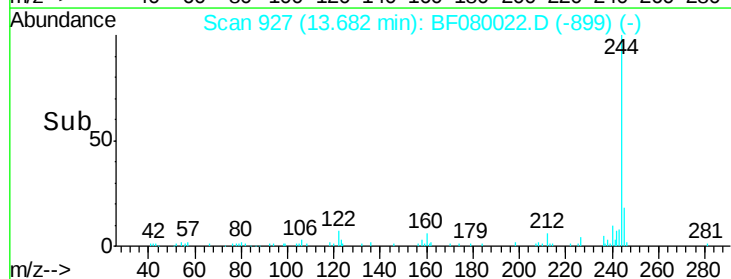
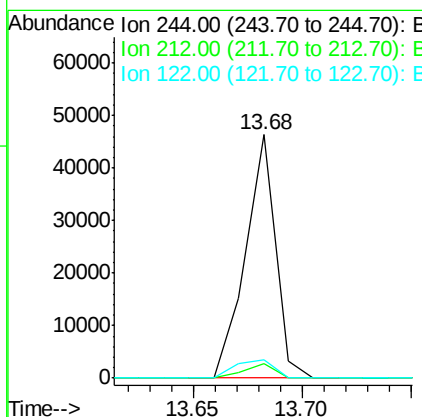
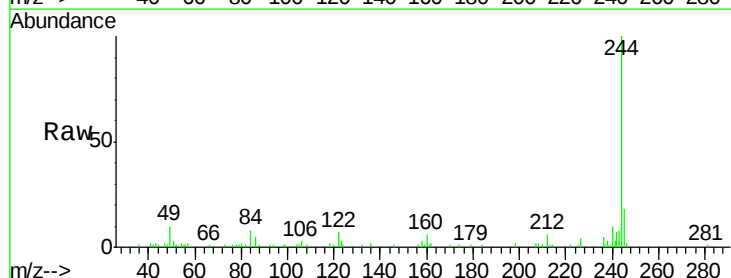
RT: 13.68 min Scan# 927

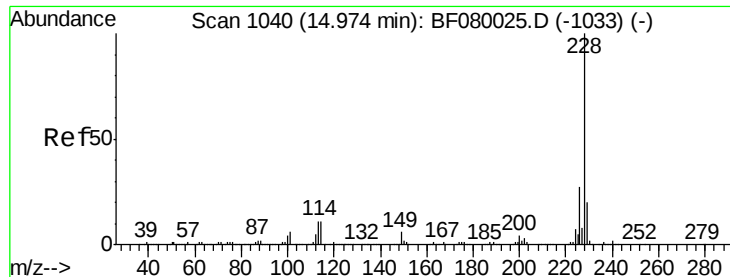
Delta R.T. 0.02 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Tgt Ion:	244	Resp:	44321
Ion Ratio		Lower	Upper
244	100		
212	6.1	4.3	6.5
122	7.4	17.4	26.2#





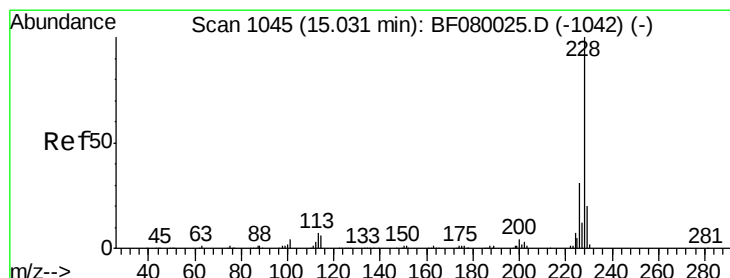
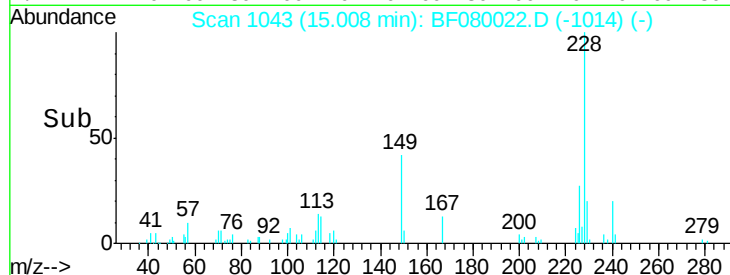
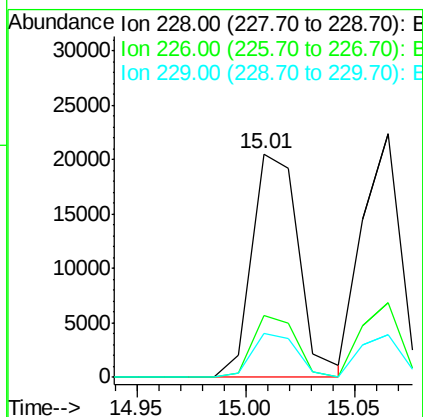
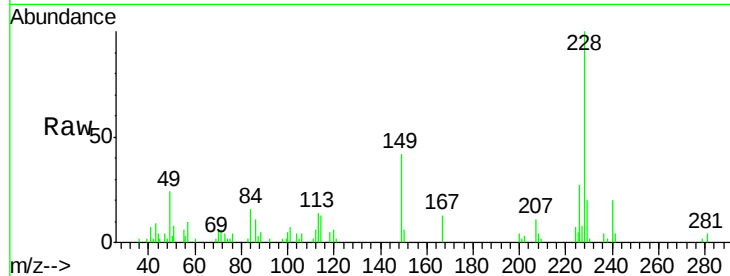
#80
Benzo(a)anthracene
Concen: 2.60 ng
RT: 15.01 min Scan# 1043
Delta R.T. 0.03 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	20.0	30.0
229	19.9	15.4	23.2

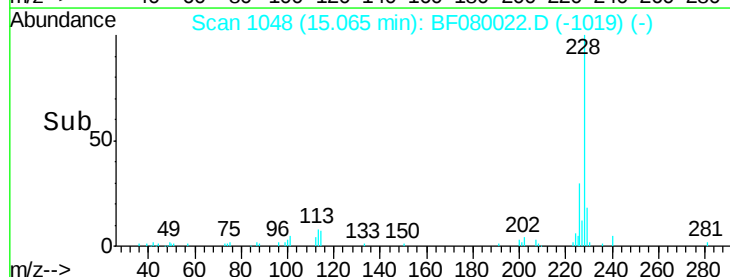
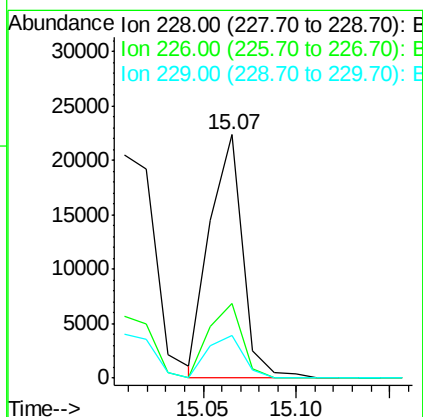
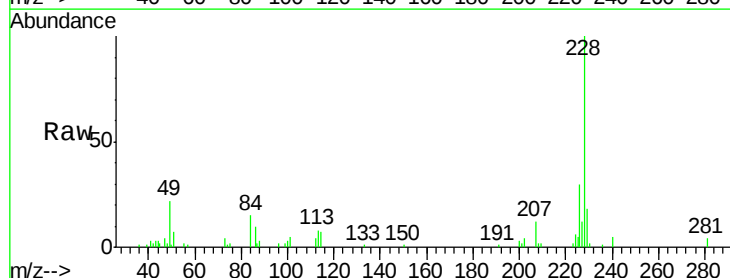
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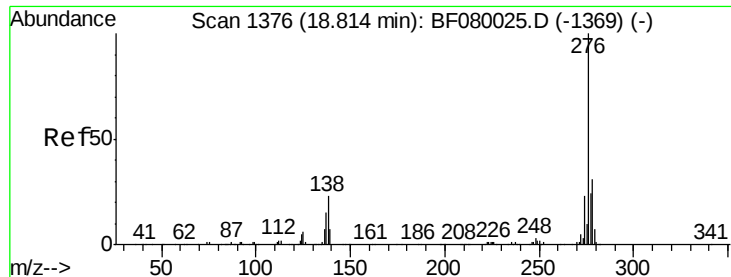
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#82
Chrysene
Concen: 2.39 ng
RT: 15.07 min Scan# 1048
Delta R.T. 0.03 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	17.7	15.6	23.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.80 ng

RT: 18.86 min Scan# 1380

Delta R.T. 0.05 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

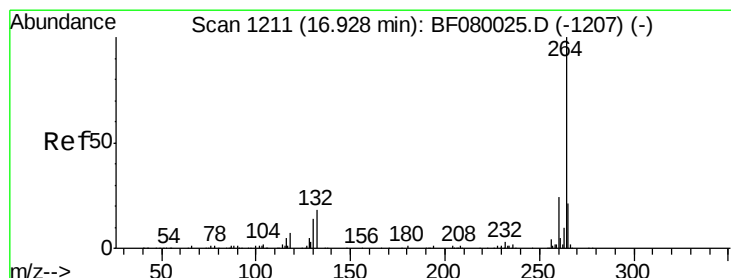
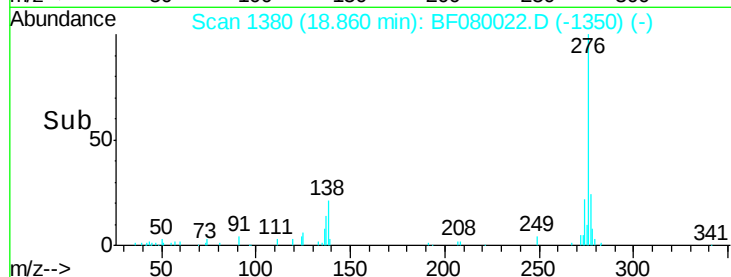
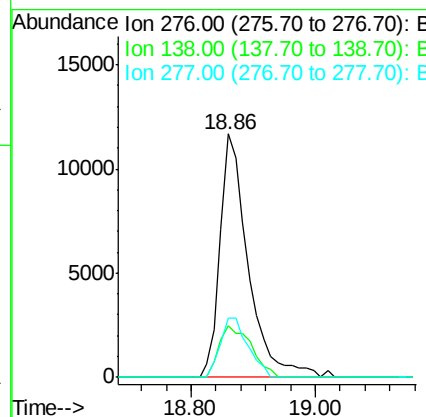
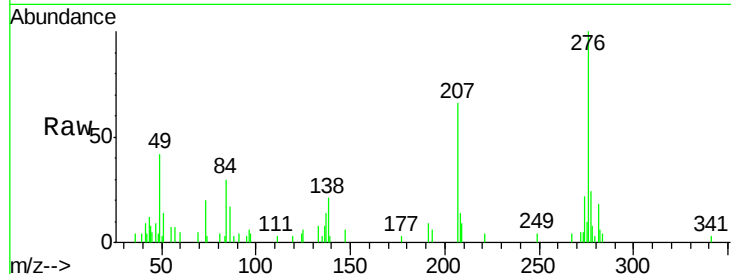
ClientSampleId :

SSTDICC2.5

Tgt Ion:	276	Resp:	36619
Ion Ratio	Lower	Upper	
276	100		
138	24.3	25.7	38.5#
277	23.6	15.6	23.4#

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#86

Perylene-d12

Concen: 20.00 ng

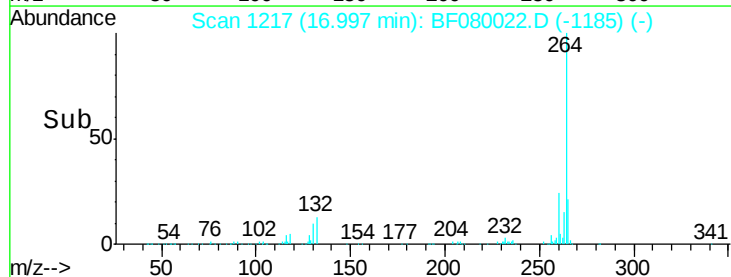
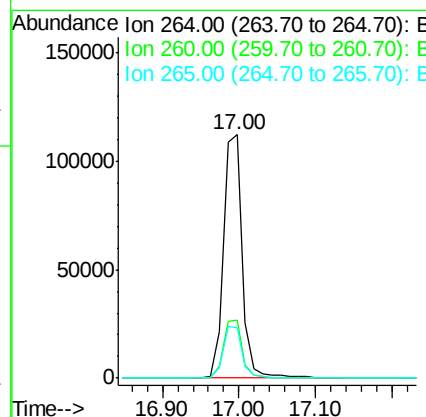
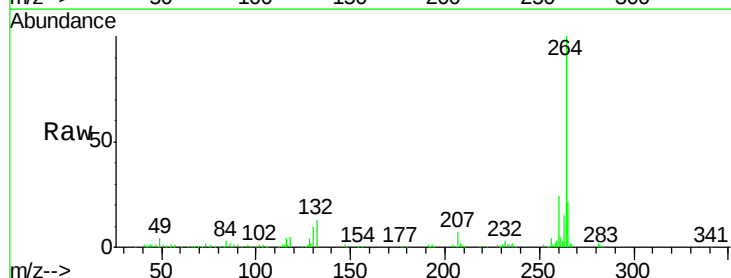
RT: 17.00 min Scan# 1217

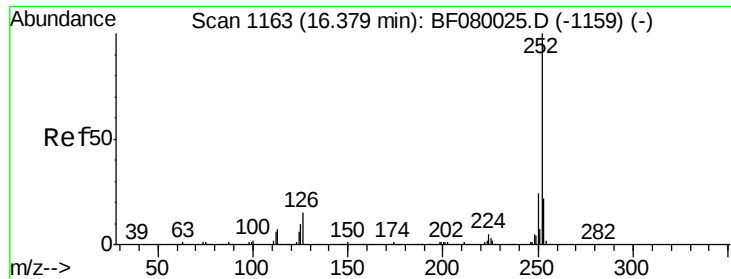
Delta R.T. 0.07 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Tgt Ion:	264	Resp:	192289
Ion Ratio	Lower	Upper	
264	100		
260	23.8	16.7	25.1
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.62 ng

RT: 16.44 min Scan# 1168

Delta R.T. 0.06 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Instrument :

BNA_F

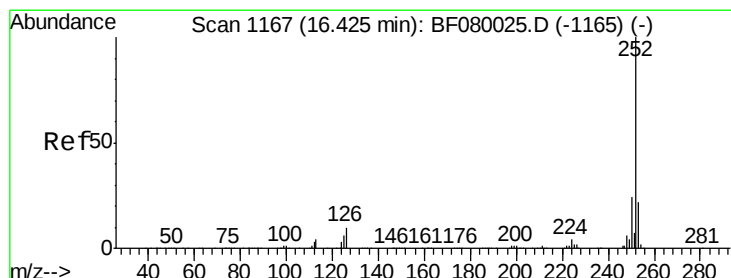
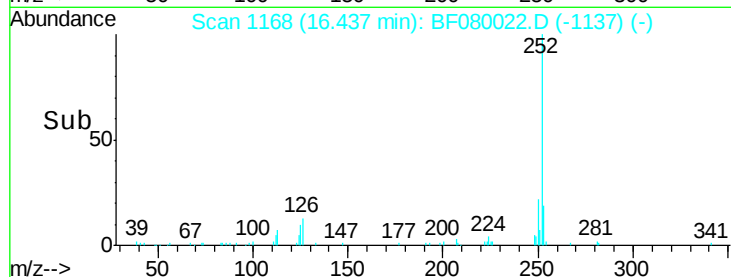
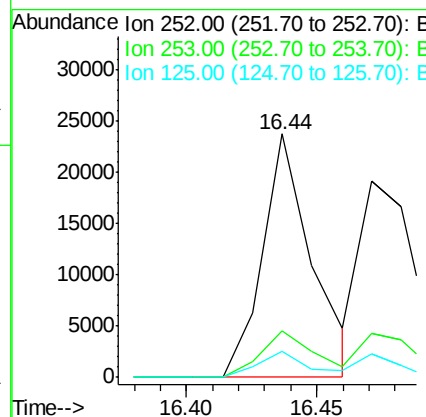
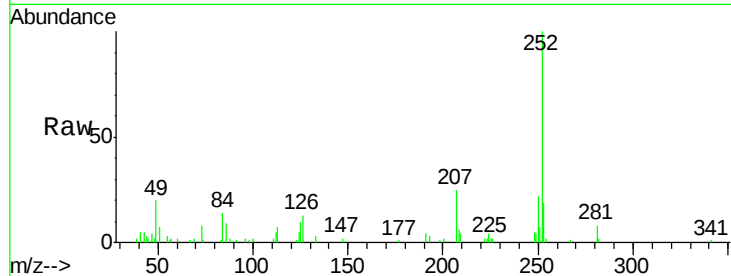
ClientSampleId :

SSTDICC2.5

Tgt Ion:	252	Resp:	31392
Ion Ratio	Lower	Upper	
252	100		
253	19.3	17.5	26.3
125	10.5	17.1	25.7

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#88

Benzo(k)fluoranthene

Concen: 2.37 ng

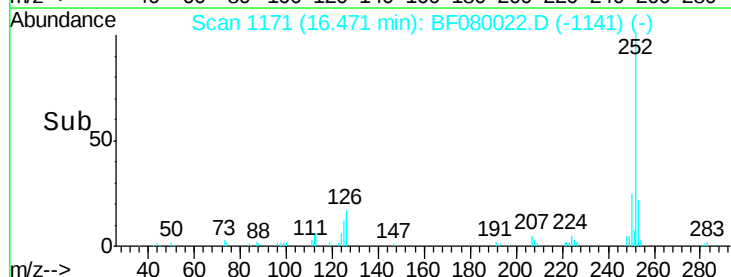
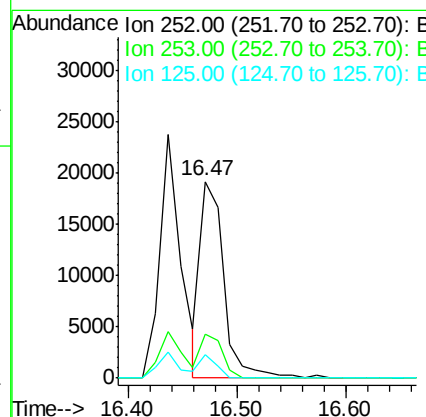
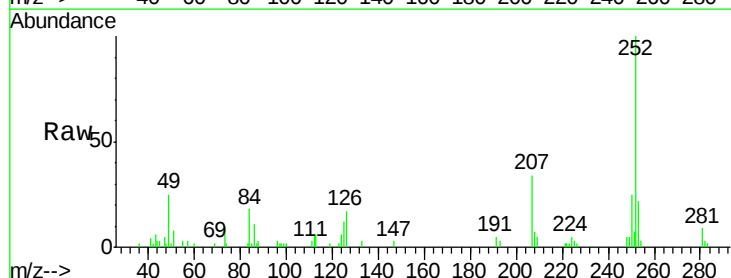
RT: 16.47 min Scan# 1171

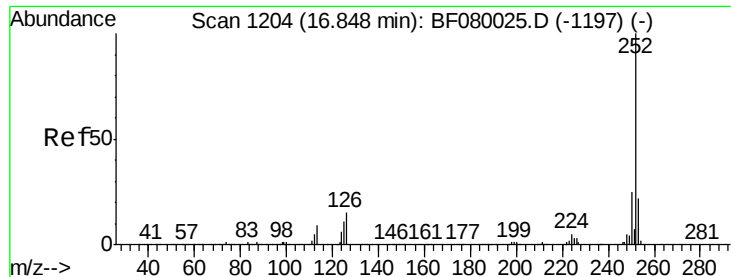
Delta R.T. 0.05 min

Lab File: BF080022.D

Acq: 17 Jun 2015 12:55

Tgt Ion:	252	Resp:	29174
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.4
125	11.9	16.0	24.0





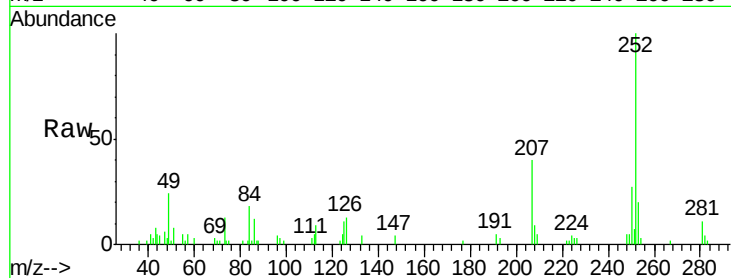
#89
Benzo(a)pyrene
Concen: 2.52 ng
RT: 16.91 min Scan# 1209
Delta R.T. 0.06 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.3	17.2	25.8
125	10.7	18.0	27.0

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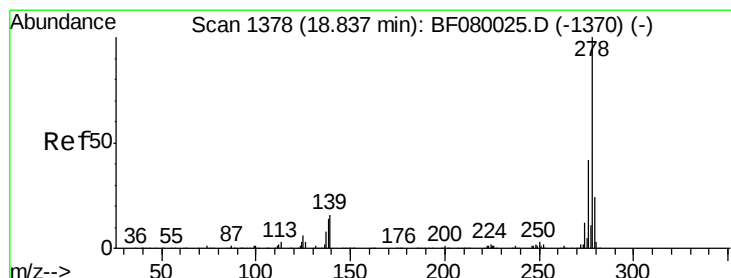
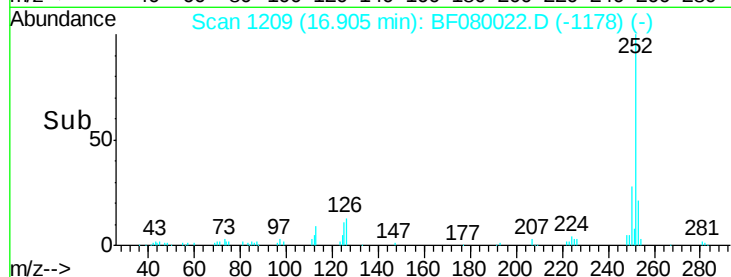
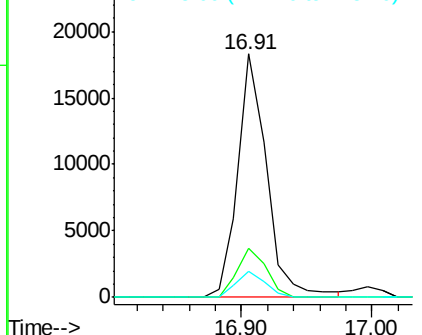


Abundance

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: 3.00 ng
RT: 18.89 min Scan# 1383
Delta R.T. 0.06 min
Lab File: BF080022.D
Acq: 17 Jun 2015 12:55

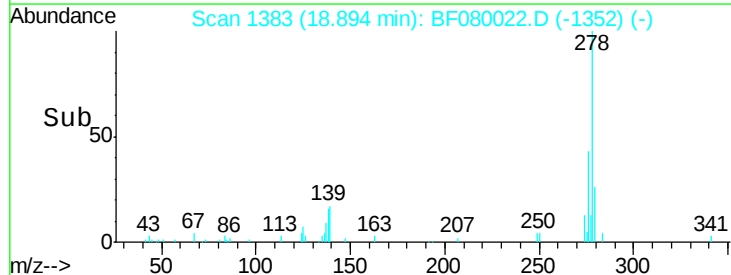
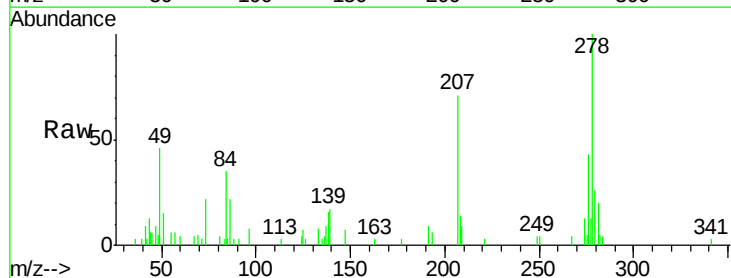
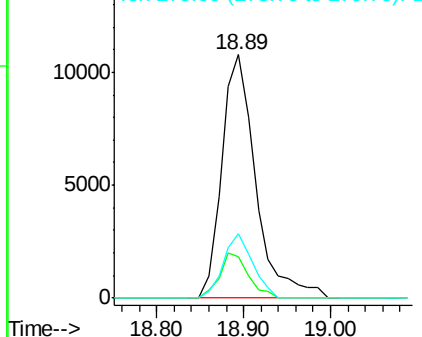
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	17.0	26.3	39.5
279	26.3	18.2	27.4

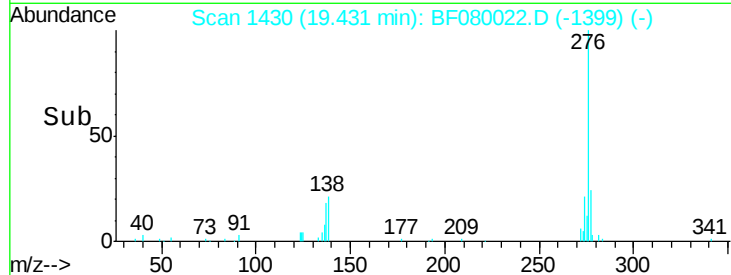
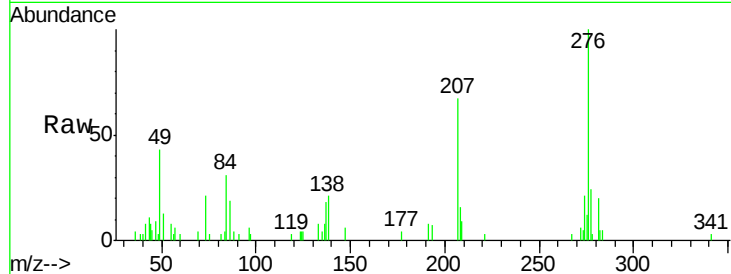
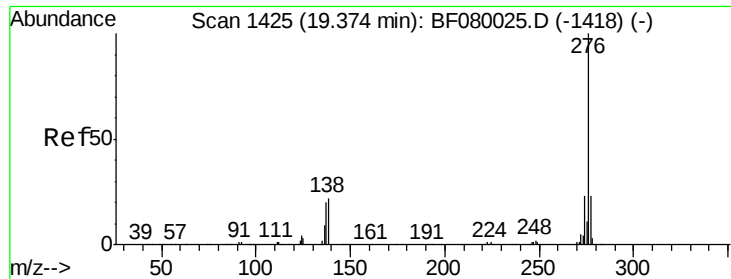
Abundance

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(g,h,i)perylene
 Concen: 3.11 ng
 RT: 19.43 min Scan# 1430
 Delta R.T. 0.06 min
 Lab File: BF080022.D
 Acq: 17 Jun 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.8	26.6
138	20.8	34.6	51.8#

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