

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080681.D
 Acq On : 27 Jul 2015 19:39
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Manual Integrations
 APPROVED

apatel
 7/29/2015 10:40:16 AM

Quant Time: Jul 28 06:12:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 05:06:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	29762	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	92313	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	36351	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	52924	20.00	ng	0.00
75) Chrysene-d12	14.25	240	31468	20.00	ng	0.00
86) Perylene-d12	15.89	264	15953	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	148846	79.65	ng	0.00
7) Phenol-d6	6.53	99	159240	79.20	ng	0.00
23) Nitrobenzene-d5	7.48	82	153219	85.28	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	24565	77.21	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	232674	80.65	ng	0.00
78) Terphenyl-d14	13.07	244	141422	76.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	35547	45.08	ng	97
3) Pyridine	3.28	79	83771	42.06	ng	97
4) n-Nitrosodimethylamine	3.17	42	51877	40.99	ng	89
6) Aniline	6.58	93	118847	41.73	ng	96
8) 2-Chlorophenol	6.70	128	73231	39.50	ng	99
9) Benzaldehyde	6.46	77	54793	40.26	ng	99
10) Phenol	6.54	94	92310	40.56	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	66654	40.67	ng	96
12) 1,3-Dichlorobenzene	6.86	146	91391	40.58	ng	99
13) 1,4-Dichlorobenzene	6.94	146	85622	38.83	ng	99
14) 1,2-Dichlorobenzene	7.09	146	83461	39.89	ng	99
15) Benzyl Alcohol	7.06	79	62675	38.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	120697	39.30	ng	99
17) 2-Methylphenol	7.16	107	49097	37.81	ng	99
18) Hexachloroethane	7.44	117	28543	38.79	ng	93
19) n-Nitroso-di-n-propylamine	7.32	70	44198	37.36	ng	97
20) 3+4-Methylphenols	7.32	107	72147	40.63	ng	98
22) Acetophenone	7.33	105	89423	37.61	ng	99
24) Nitrobenzene	7.50	77	70595	39.84	ng	97
25) Isophorone	7.74	82	108635	38.84	ng	99
26) 2-Nitrophenol	7.82	139	28212	39.47	ng	98
27) 2,4-Dimethylphenol	7.86	122	52995m	38.44	ng	
28) bis(2-Chloroethoxy)methane	7.95	93	66588	40.54	ng	99
29) 2,4-Dichlorophenol	8.05	162	44517	38.28	ng	94
30) 1,2,4-Trichlorobenzene	8.14	180	57914	39.13	ng	# 92
31) Naphthalene	8.24	128	175394	38.63	ng	99
32) Benzoic acid	7.90	122	26045m	38.26	ng	
33) 4-Chloroaniline	8.27	127	66266	40.54	ng	# 78
34) Hexachlorobutadiene	8.35	225	36683	39.71	ng	91
35) Caprolactam	8.60	113	9674	40.94	ng	90
36) 4-Chloro-3-methylphenol	8.75	107	44850	38.01	ng	94
37) 2-Methylnaphthalene	8.92	142	114770	39.59	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	49581	37.05	ng	98
40) Hexachlorocyclopentadiene	9.08	237	32719	38.31	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	36206	41.00	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	31683	38.81	nq	95
45) 1,1'-Biphenyl	9.39	154	113999	37.34	nq	99
46) 2-Chloronaphthalene	9.41	162	97831	38.30	nq	98
47) 2-Nitroaniline	9.49	65	24232	40.32	nq	97
48) Acenaphthylene	9.82	152	155315	38.64	nq	99
49) Dimethylphthalate	9.68	163	97691	41.34	nq	99
50) 2,6-Dinitrotoluene	9.74	165	17650	37.73	nq	98
51) Acenaphthene	10.00	154	88419	37.40	nq	99
52) 3-Nitroaniline	9.90	138	22046	41.49	nq	98
53) 2,4-Dinitrophenol	10.01	184	4735	39.56	nq	# 47
54) Dibenzofuran	10.17	168	129667	39.96	nq	99
55) 4-Nitrophenol	10.05	139	15021	42.22	nq	97
56) 2,4-Dinitrotoluene	10.14	165	20336	38.13	nq	93
57) Fluorene	10.51	166	98931	40.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	22317m	40.88	nq	
59) Diethylphthalate	10.38	149	91432	40.73	nq	100
60) 4-Chlorophenyl-phenylether	10.51	204	40726	37.52	nq	97
61) 4-Nitroaniline	10.51	138	18721	41.32	nq	97
62) Azobenzene	10.66	77	85491	38.93	nq	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	8155	41.19	nq	90
65) n-Nitrosodiphenylamine	10.61	169	74662	41.31	nq	94
66) 4-Bromophenyl-phenylether	11.00	248	23123	40.91	nq	96
67) Hexachlorobenzene	11.06	284	26346	39.62	nq	93
68) Atrazine	11.14	200	17085	48.74	nq	98
69) Pentachlorophenol	11.25	266	10960	41.87	nq	99
70) Phenanthrene	11.47	178	125371	41.50	nq	99
71) Anthracene	11.53	178	119179	40.58	nq	98
72) Carbazole	11.68	167	97473	39.73	nq	98
73) Di-n-butylphthalate	12.02	149	114669	45.87	nq	99
74) Fluoranthene	12.68	202	101175	42.70	nq	97
76) Benzidine	12.81	184	35134	40.52	nq	99
77) Pyrene	12.92	202	101793	38.64	nq	99
79) Butylbenzylphthalate	13.61	149	29461	38.59	nq	# 76
80) Benzo(a)anthracene	14.24	228	71249	39.09	nq	99
81) 3,3'-Dichlorobenzidine	14.20	252	19101	40.05	nq	# 94
82) Chrysene	14.27	228	71241	39.18	nq	94
83) Bis(2-ethylhexyl)phthalate	14.25	149	36351	38.86	nq	# 96
84) Di-n-octyl phthalate	15.00	149	41483	36.92	nq	# 97
85) Indeno(1,2,3-cd)pyrene	17.38	276	29935	39.04	nq	98
87) Benzo(b)fluoranthene	15.46	252	42935	36.96	nq	97
88) Benzo(k)fluoranthene	15.49	252	46181m	43.36	nq	
89) Benzo(a)pyrene	15.84	252	35926	40.47	nq	# 93
90) Dibenzo(a,h)anthracene	17.41	278	24262	39.75	nq	97
91) Benzo(g,h,i)perylene	17.83	276	23151	39.13	nq	98

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

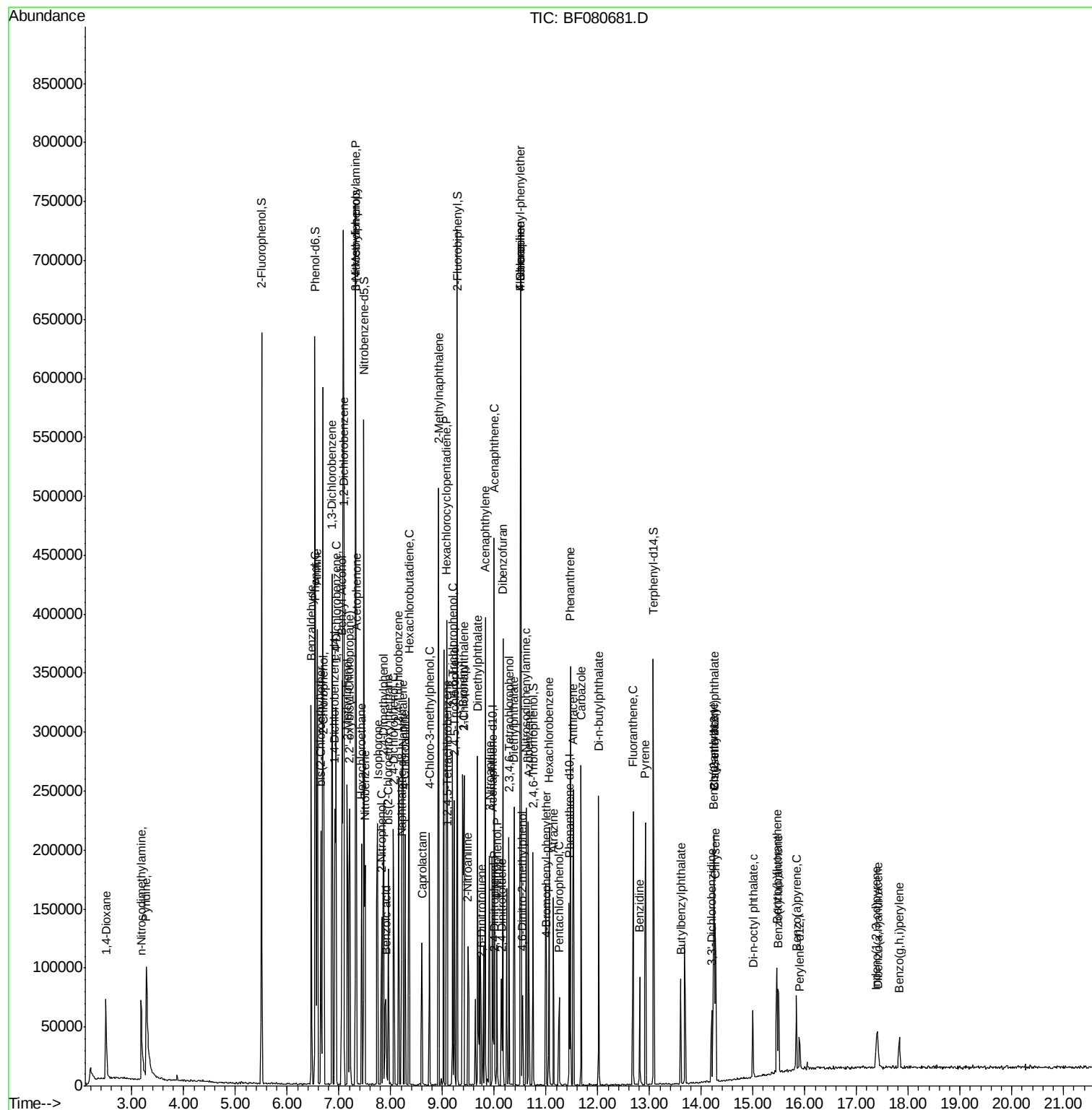
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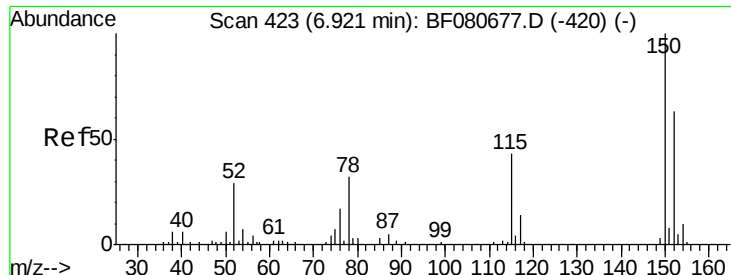
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#1

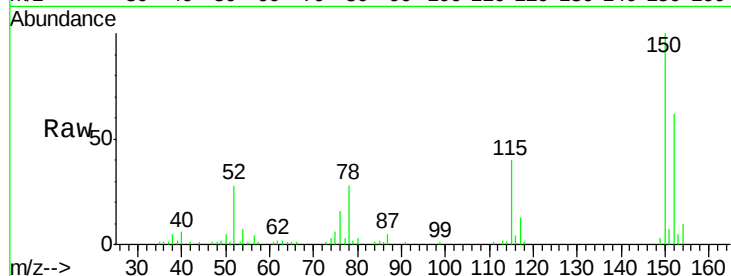
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	127.7	191.5
115	65.0	54.2	81.4

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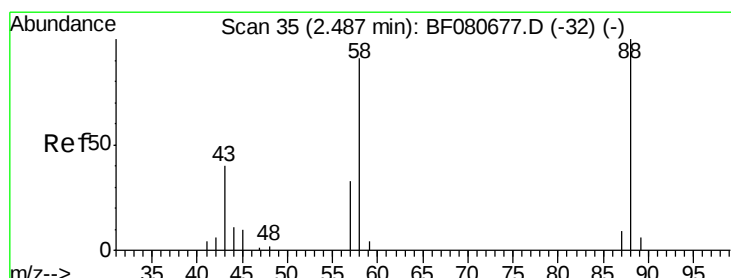
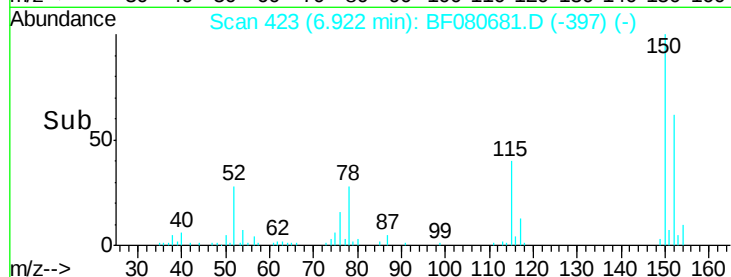
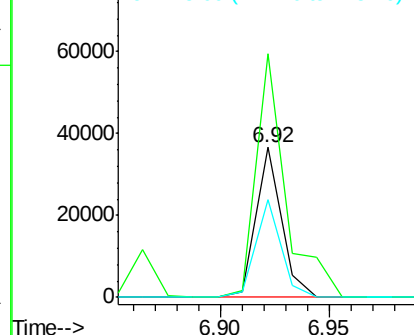


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

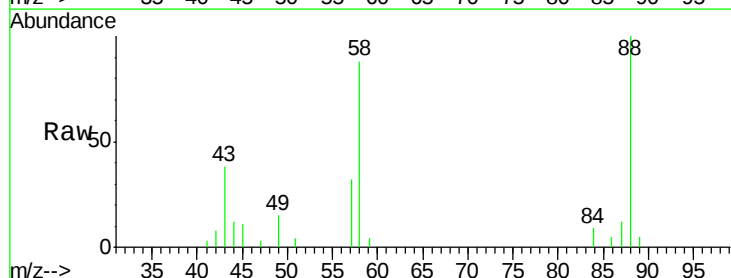
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.08 ng
RT: 2.50 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	71.6	107.4
43	39.1	31.4	47.0

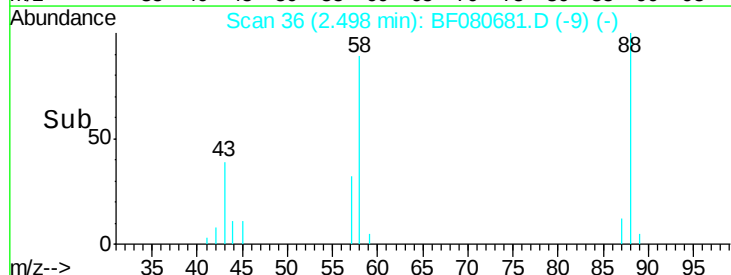
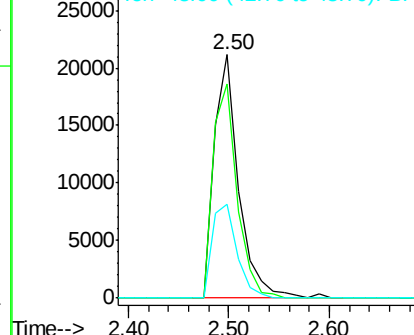


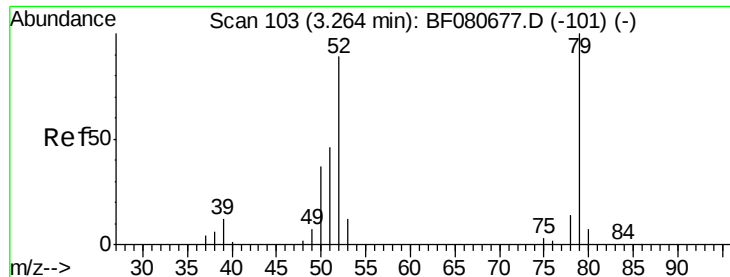
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.06 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.01 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

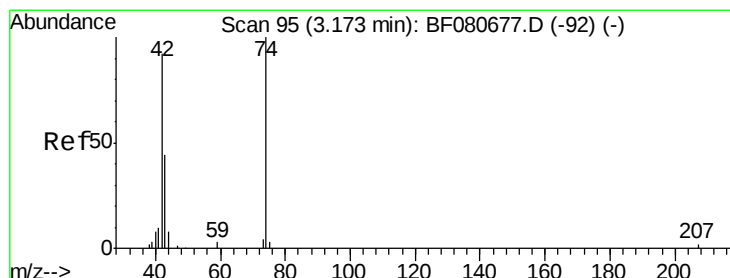
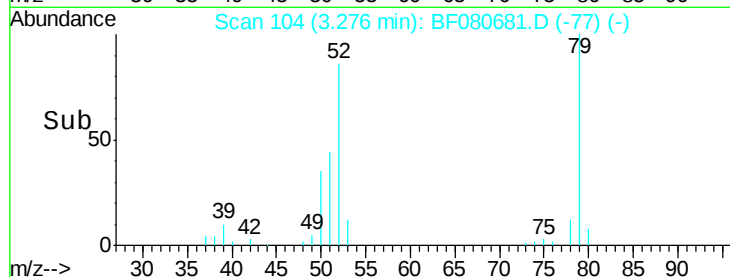
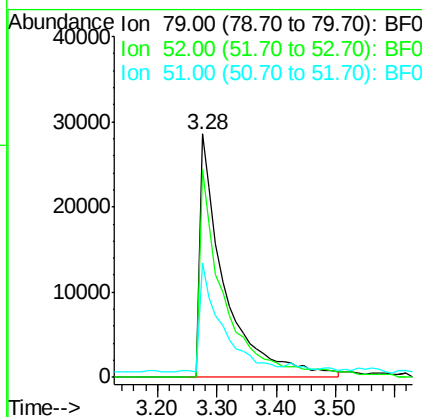
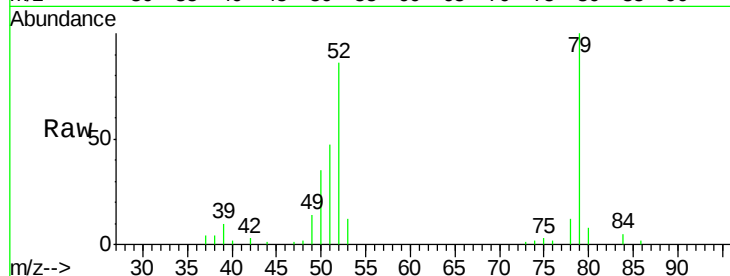
ClientSampleId :

ICVBF072715

Tot Ion:	79	Resp:	83771
Ion	Ratio	Lower	Upper
79	100		
52	85.5	71.1	106.7
51	46.8	39.0	58.4

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#4

n-Nitrosodimethylamine

Concen: 40.99 ng

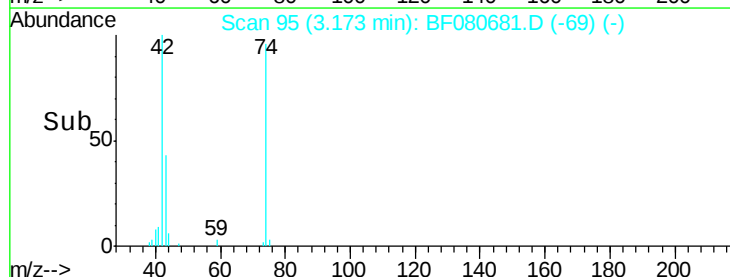
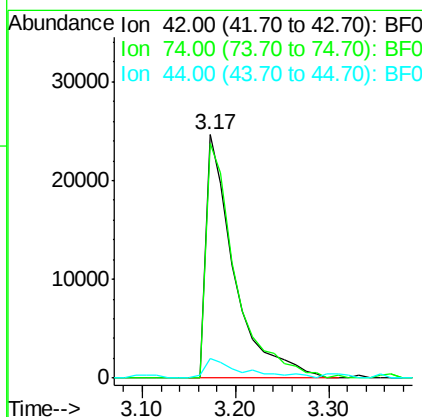
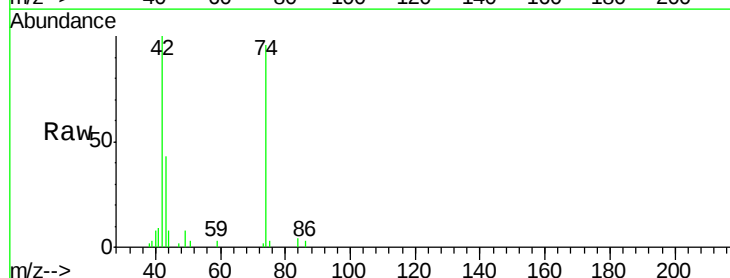
RT: 3.17 min Scan# 95

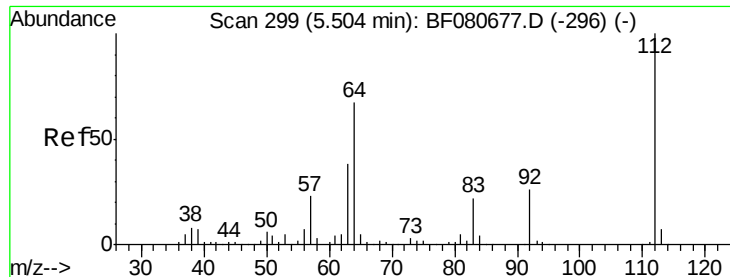
Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:	42	Resp:	51877
Ion	Ratio	Lower	Upper
42	100		
74	96.4	87.0	130.6
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 79.65 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

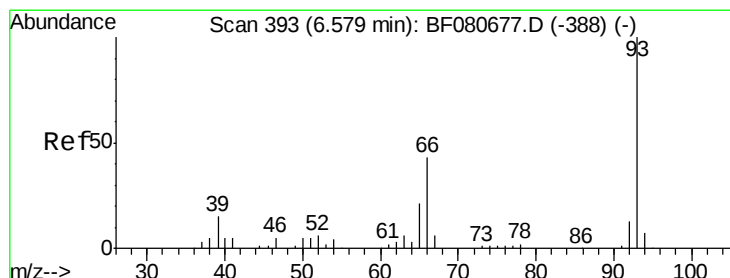
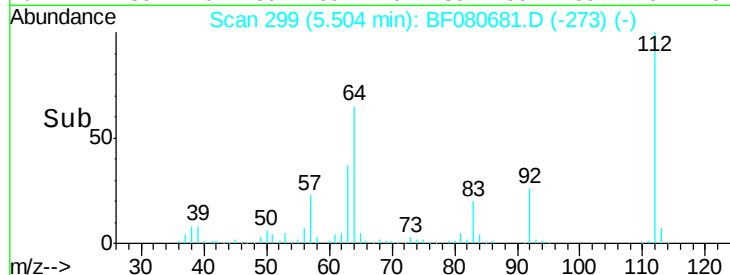
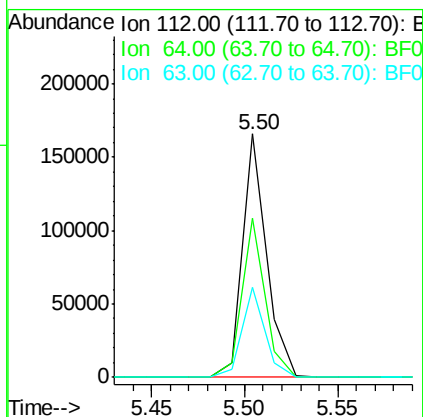
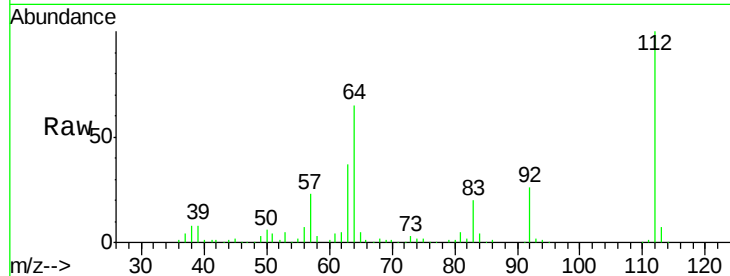
ClientSampleId :

ICVBF072715

Tot Ion:	112	Resp:	148846
Ion Ratio	Lower	Upper	
112	100		
64	65.2	53.2	79.8
63	37.0	30.4	45.6

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#6

Aniline

Concen: 41.73 ng

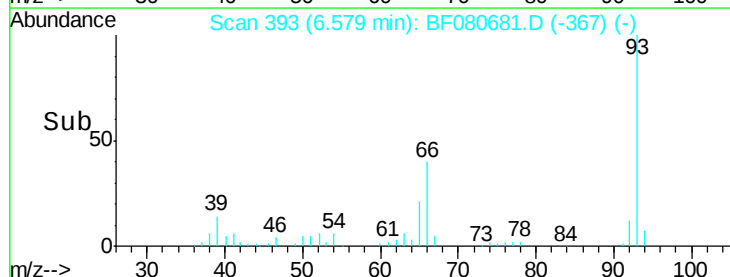
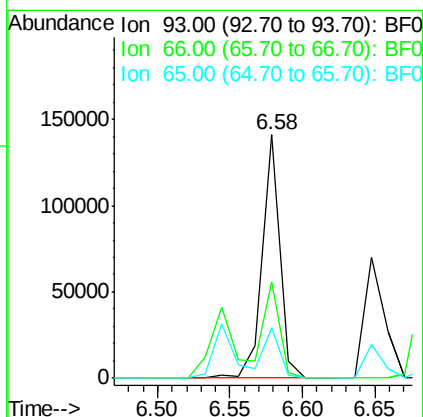
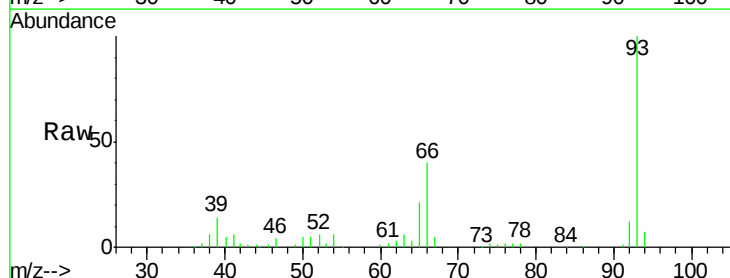
RT: 6.58 min Scan# 393

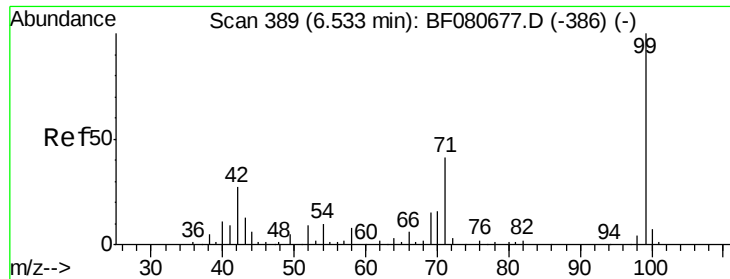
Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:	93	Resp:	118847
Ion Ratio	Lower	Upper	
93	100		
66	39.8	34.6	52.0
65	20.9	16.5	24.7





#7

Phenol-d6

Concen: 79.20 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

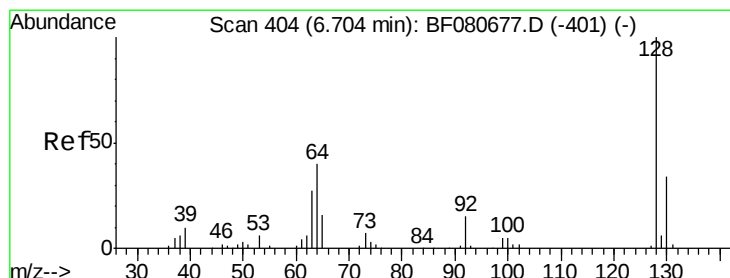
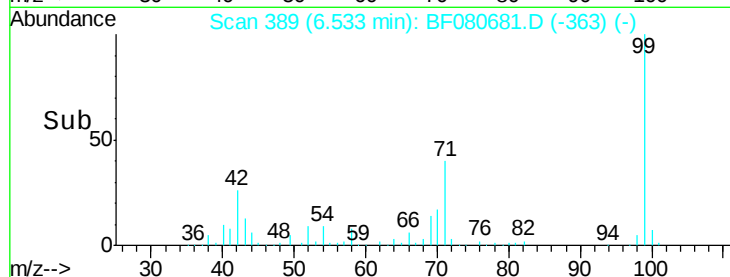
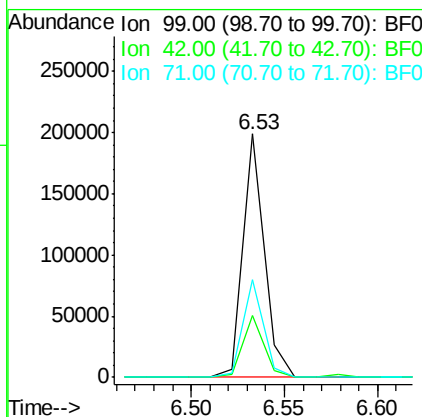
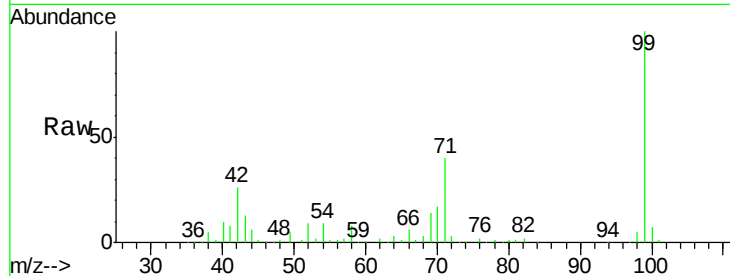
ClientSampleId :

ICVBF072715

Tot Ion:	99	Resp:	159240
Ion	Ratio	Lower	Upper
99	100		
42	25.5	21.8	32.8
71	40.3	32.9	49.3

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#8

2-Chlorophenol

Concen: 39.50 ng

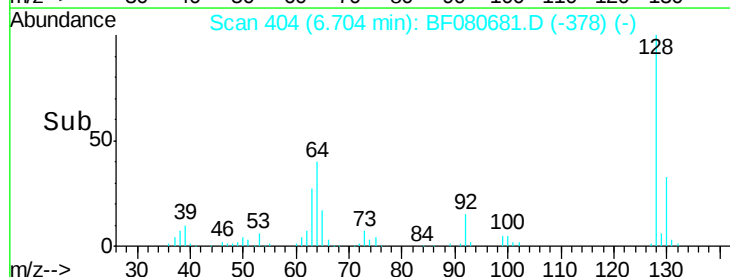
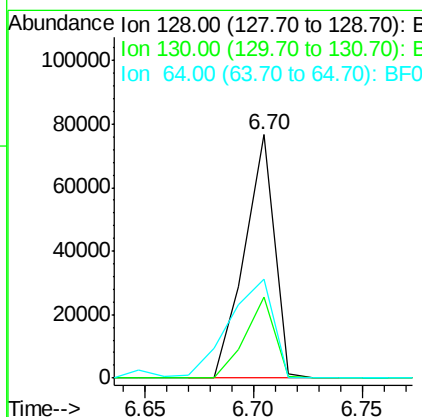
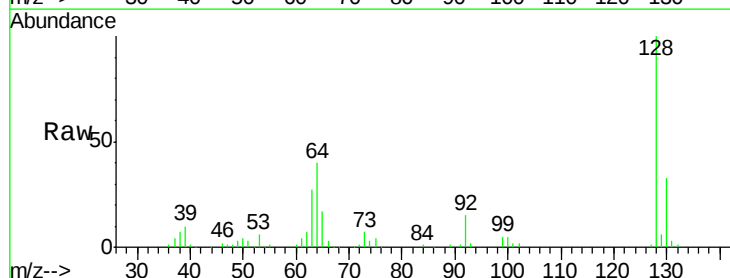
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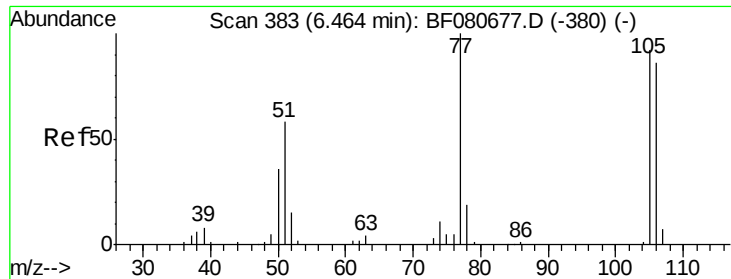
Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:	128	Resp:	73231
Ion	Ratio	Lower	Upper
128	100		
130	33.2	14.0	54.0
64	40.4	20.6	60.6





#9

Benzaldehyde

Concen: 40.26 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

Tot Ion: 77 Resp: 54793

Ion Ratio Lower Upper

77 100

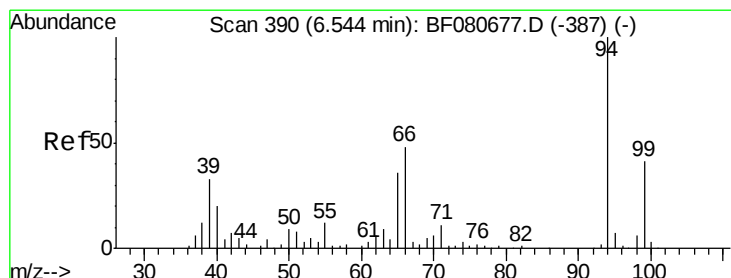
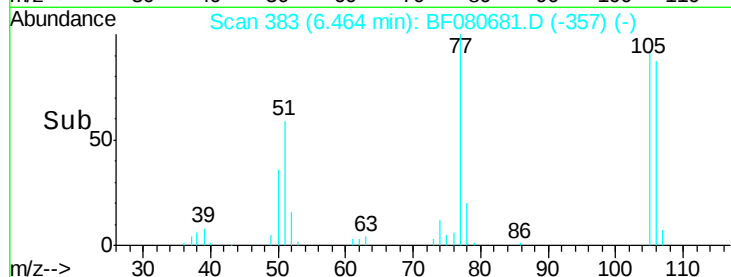
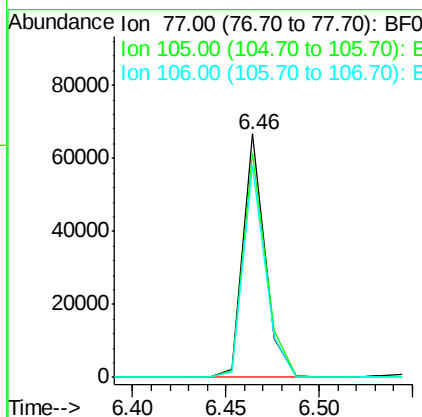
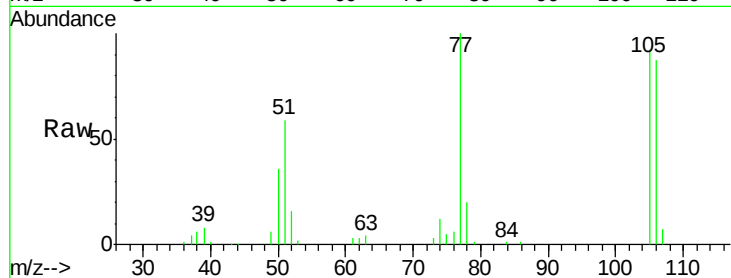
105 92.3 72.1 112.1

106 86.7 65.5 105.5

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#10

Phenol

Concen: 40.56 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

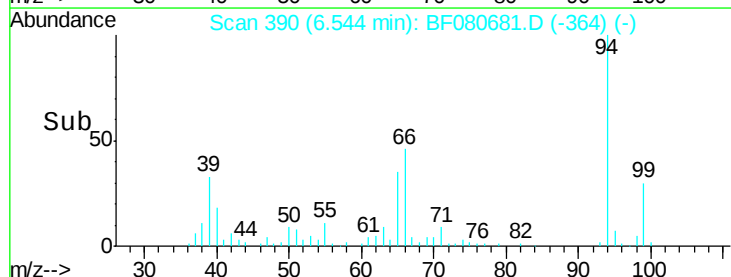
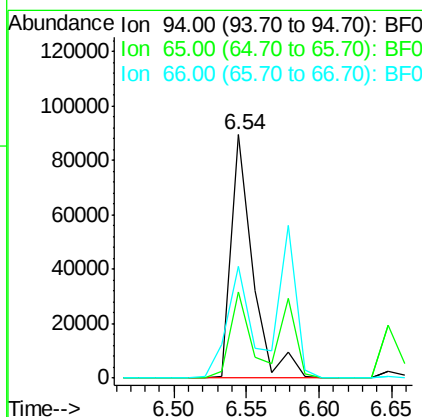
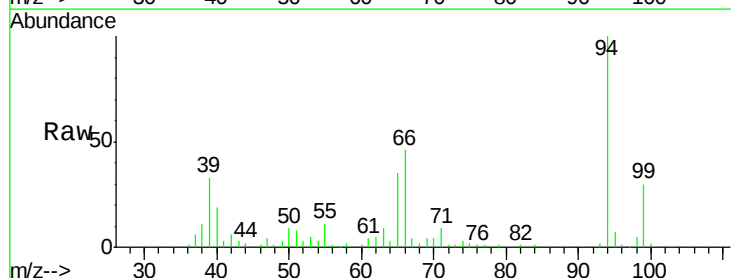
Tgt Ion: 94 Resp: 92310

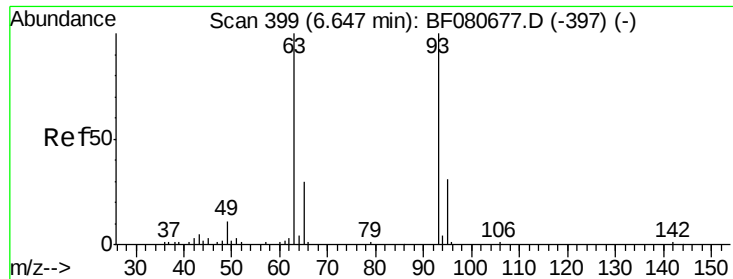
Ion Ratio Lower Upper

94 100

65 35.2 16.0 56.0

66 45.8 28.1 68.1





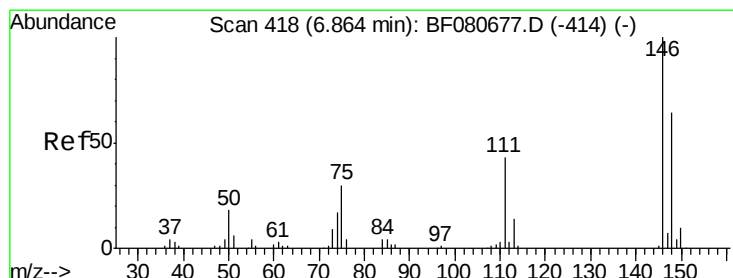
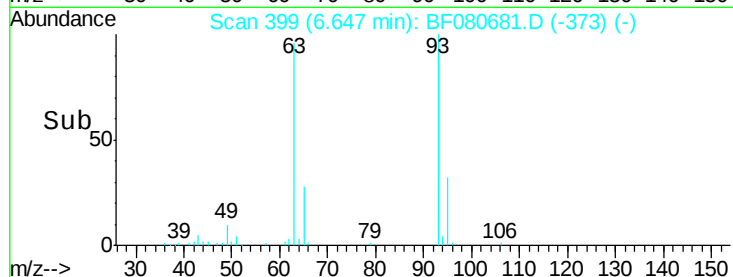
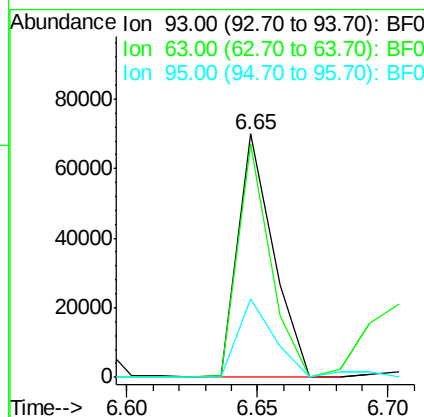
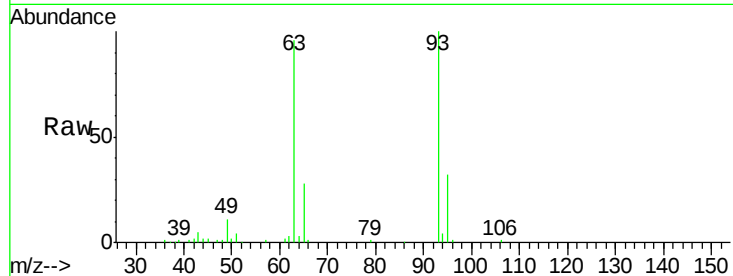
#11
bis(2-Chloroethyl)ether
Concen: 40.67 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Lower	Upper
93	100		
63	95.7	79.7	119.7
95	32.2	11.0	51.0

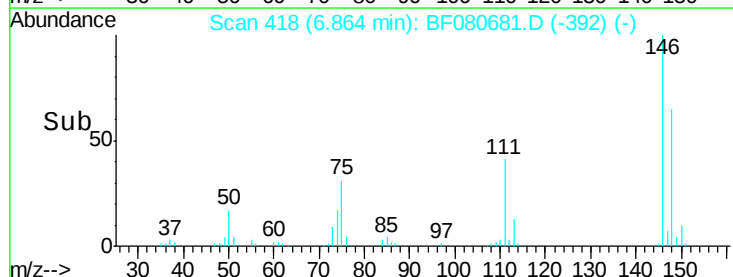
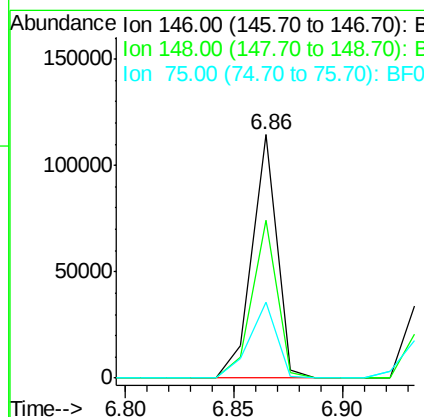
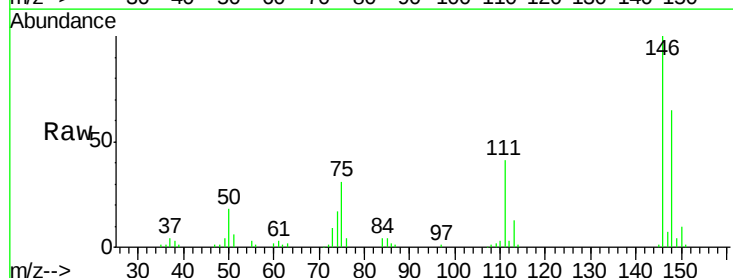
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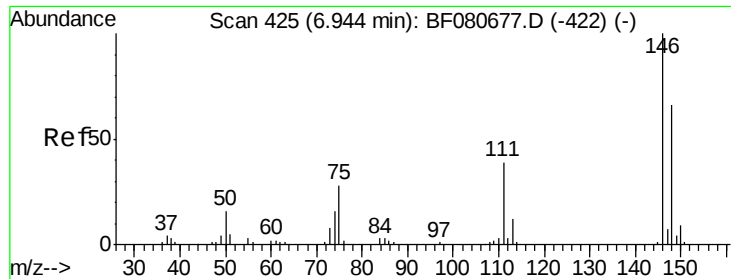
apatel
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#12
1,3-Dichlorobenzene
Concen: 40.58 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
75	31.2	23.9	35.9





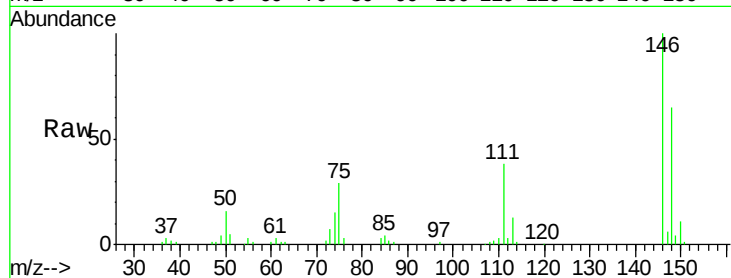
#13
 1,4-Dichlorobenzene
 Concen: 38.83 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

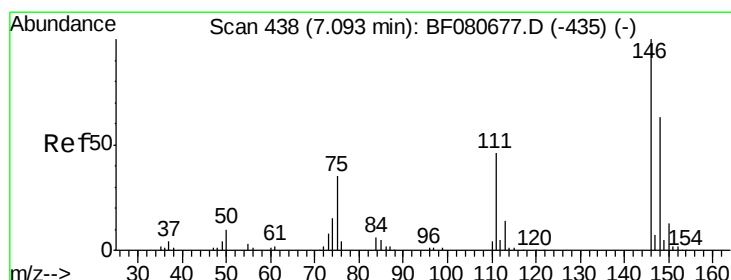
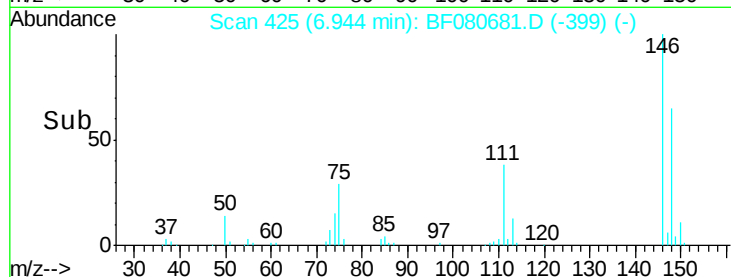
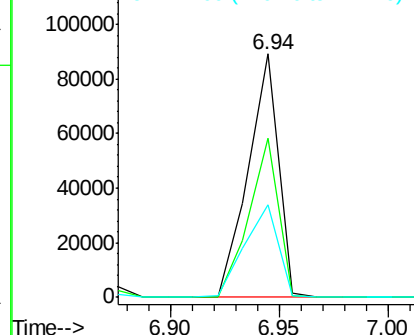
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.7	79.1
111	38.0	31.1	46.7

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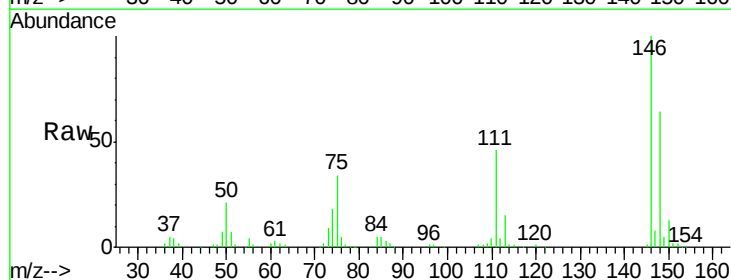


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

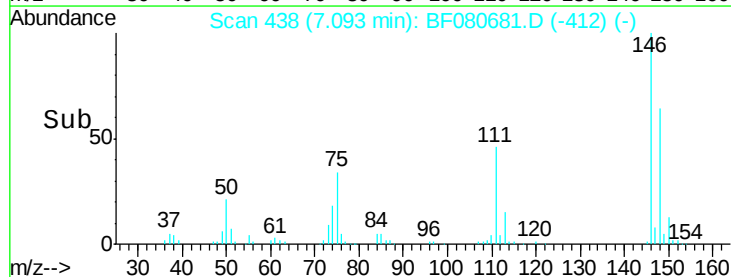
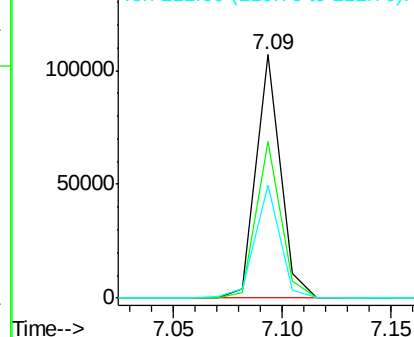


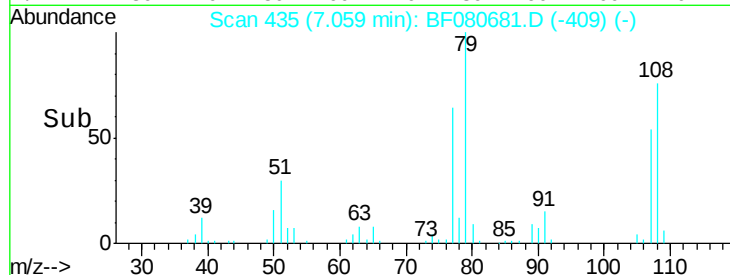
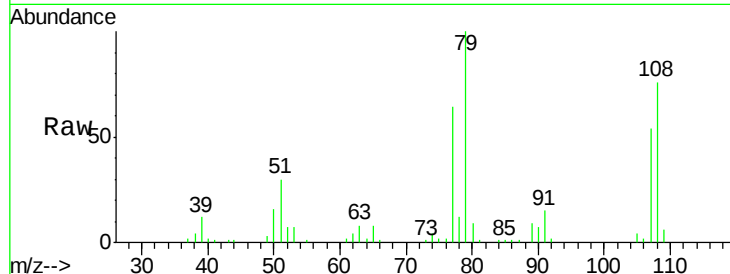
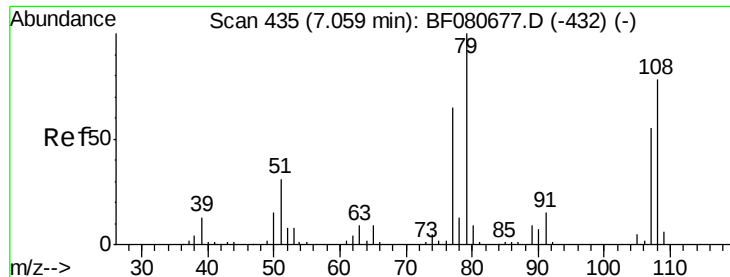
#14
 1,2-Dichlorobenzene
 Concen: 39.89 ng
 RT: 7.09 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
111	46.2	37.2	55.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





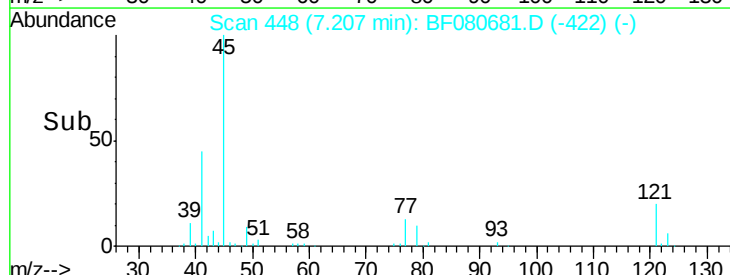
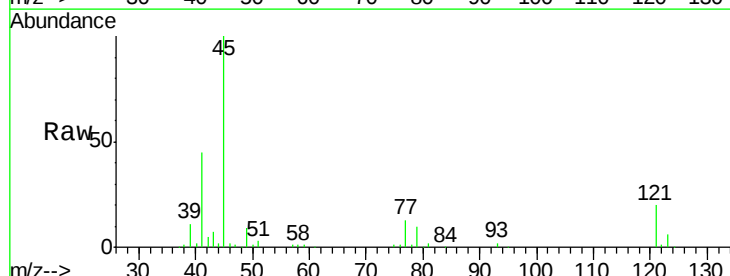
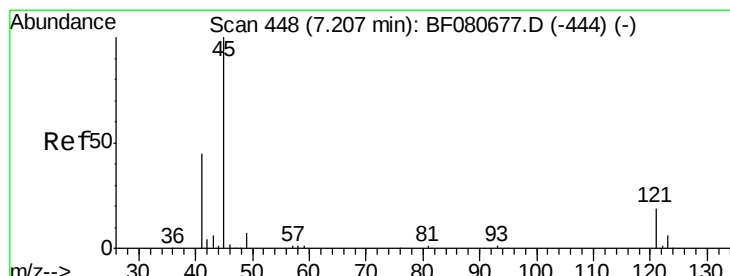
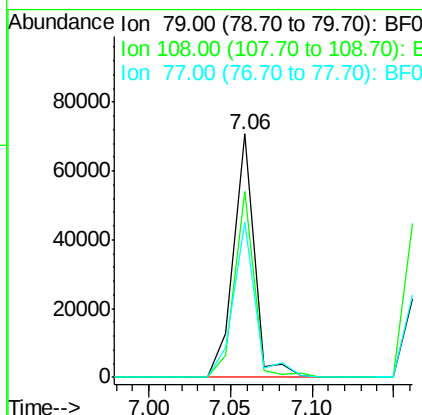
#15
Benzyl Alcohol
Concen: 38.11 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	62.7	94.1
77	63.8	51.8	77.8

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

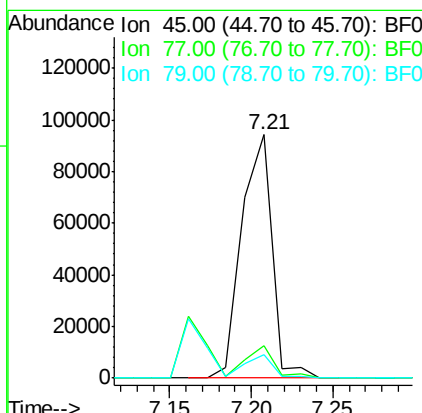
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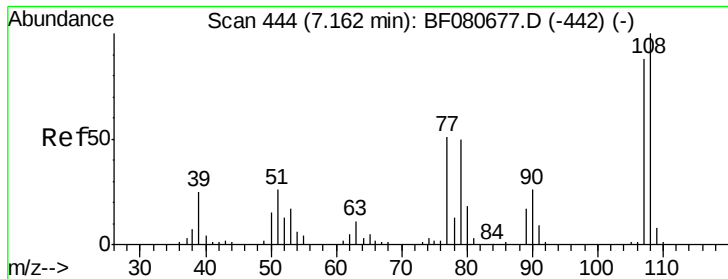
apatel
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.30 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.4
79	9.5	0.0	28.8





#17

2-Methylphenol

Concen: 37.81 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

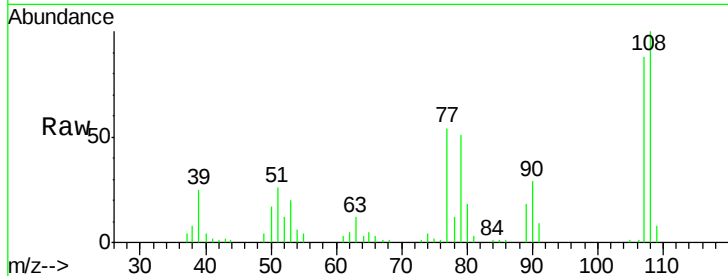
ClientSampleId :

ICVBF072715

Tot Ion:	107	Resp:	49097
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.3	136.9
77	60.6	47.0	70.4
79	58.1	45.6	68.4

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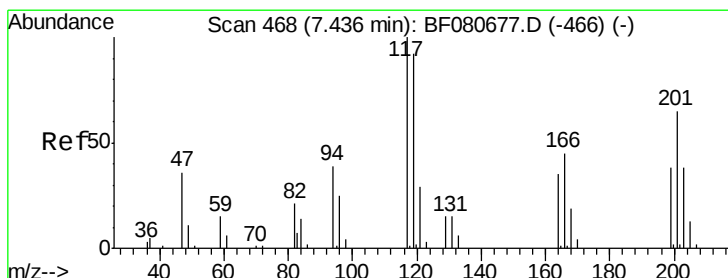
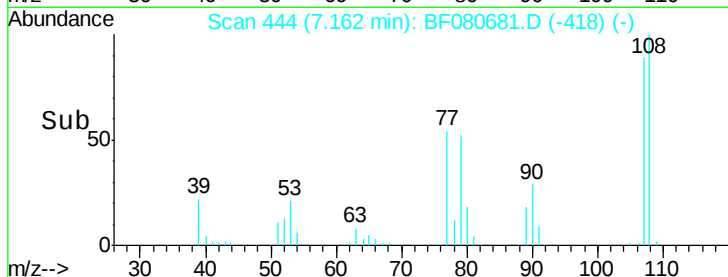
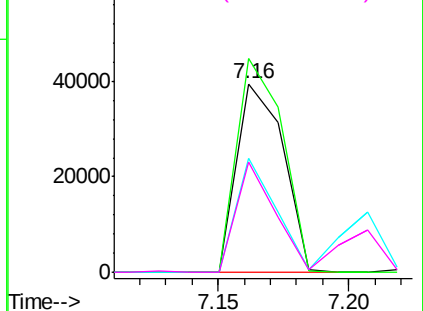


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 38.79 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF080681.D

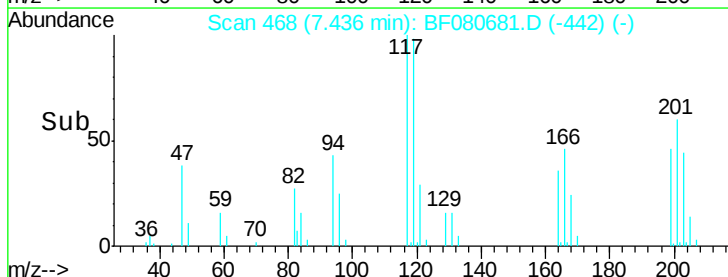
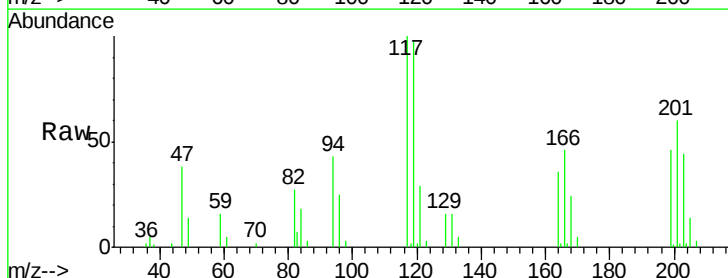
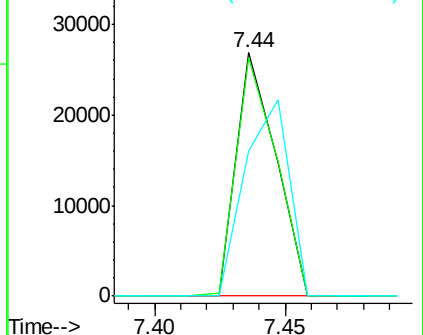
Acq: 27 Jul 2015 19:39

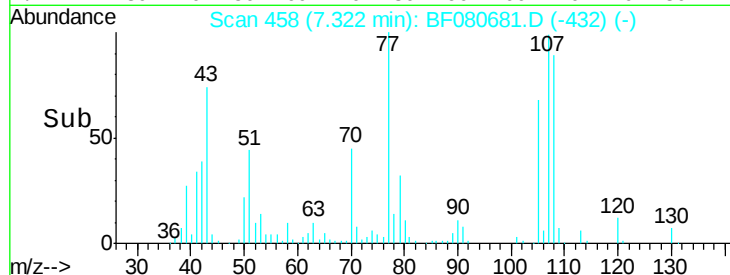
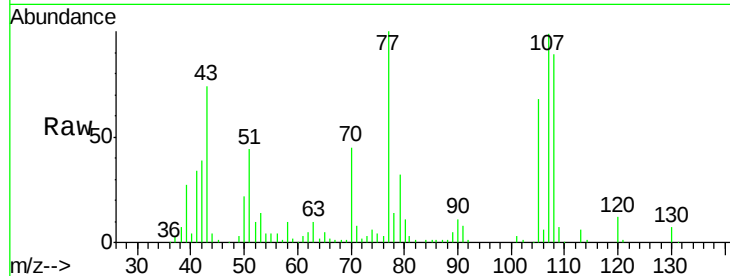
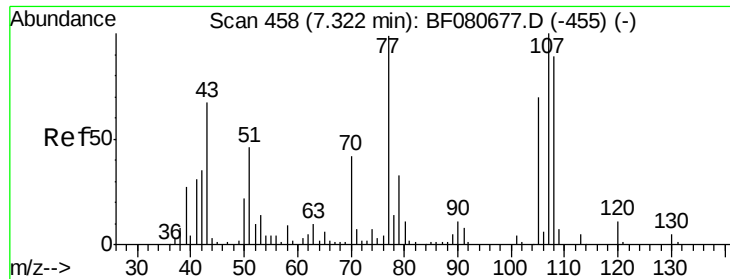
Tgt Ion:	117	Resp:	28543
Ion Ratio	Lower	Upper	
117	100		
119	97.9	73.6	110.4
201	59.6	52.2	78.2

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





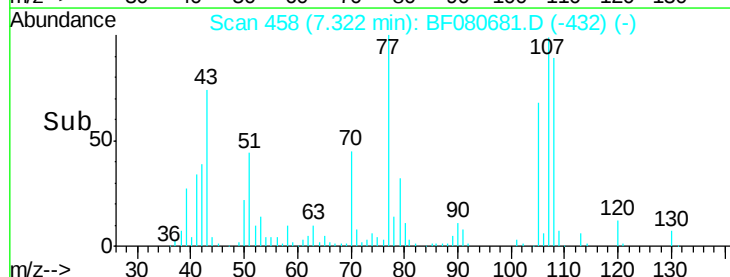
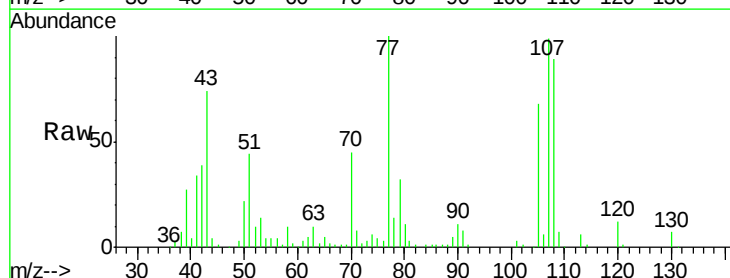
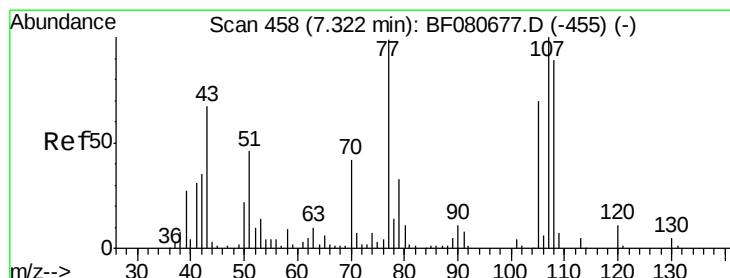
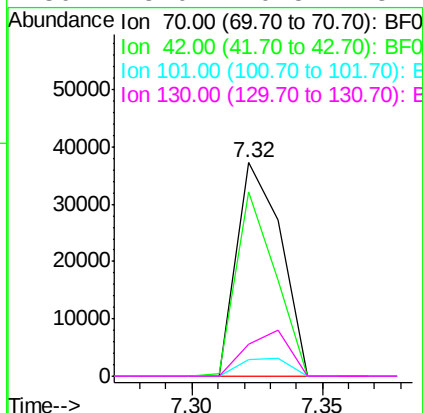
#19
n-Nitroso-di-n-propylamine
Concen: 37.36 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

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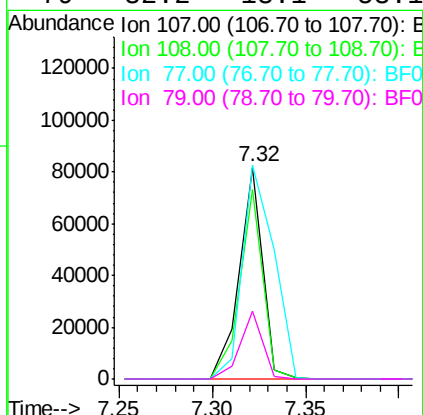
apatel
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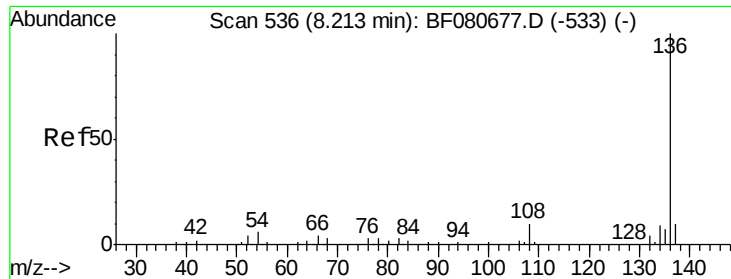
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	86.1	67.4	101.2	
101	7.7	7.3	10.9	
130	15.0	10.5	15.7	



#20
3+4-Methylphenols
Concen: 40.63 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	68.7	108.7	
77	100.9	78.9	118.9	
79	32.2	13.1	53.1	





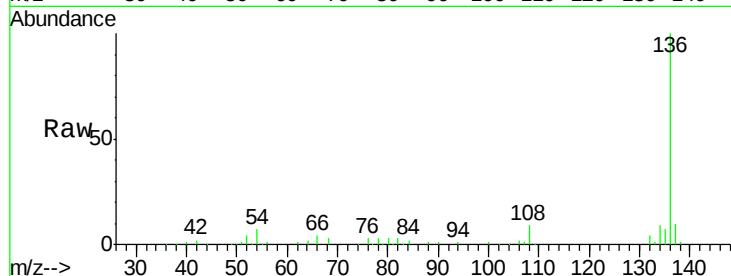
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

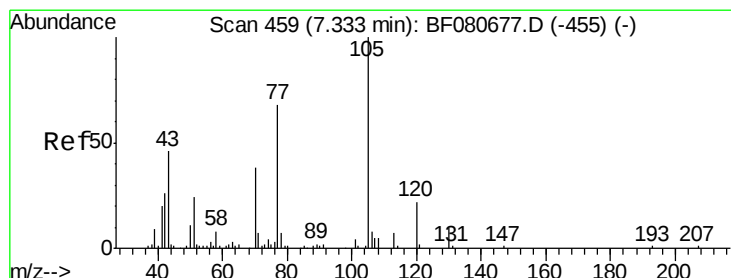
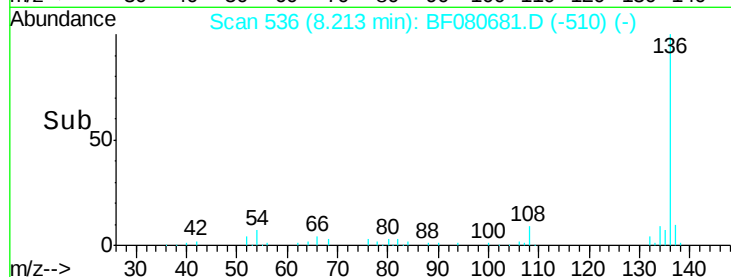
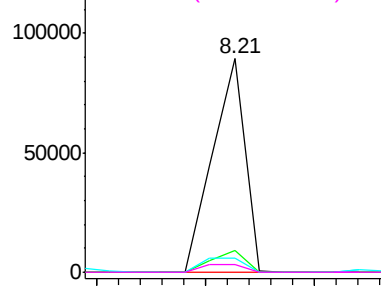
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		92313		
137	10.2		8.2	12.2	
54	6.6		5.0	7.4	
68	3.5		2.7	4.1	

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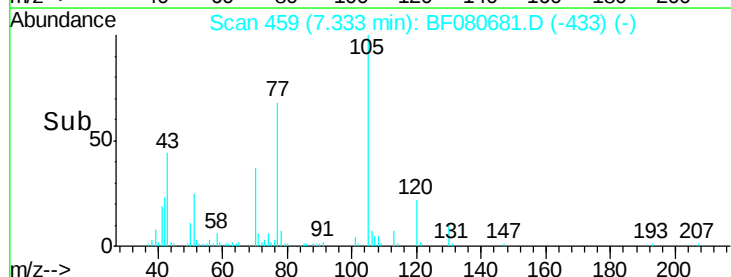
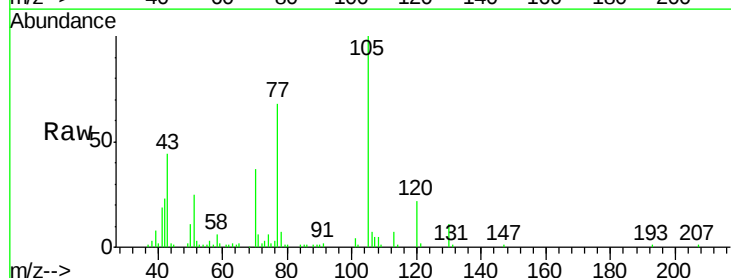
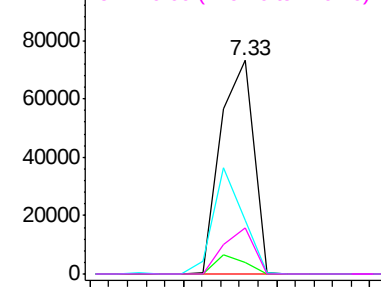
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

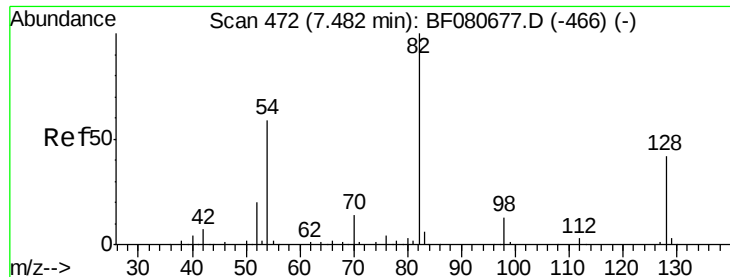


#22
Acetophenone
Concen: 37.61 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		89423		
71	5.7		5.4	8.2	
51	25.1		19.6	29.4	
120	21.7		17.4	26.2	

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





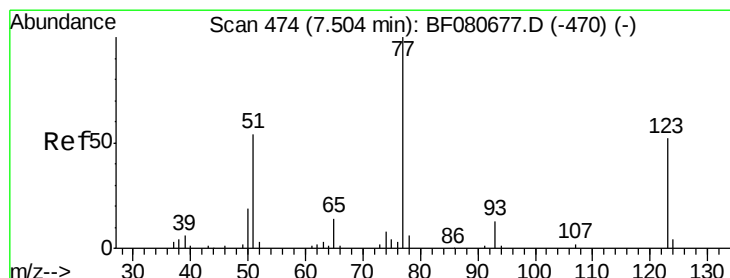
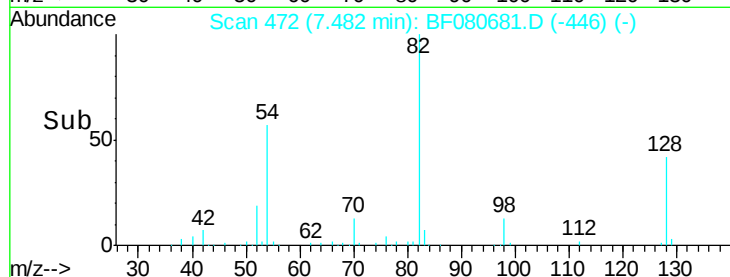
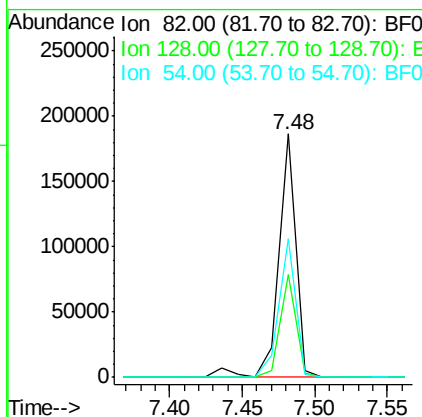
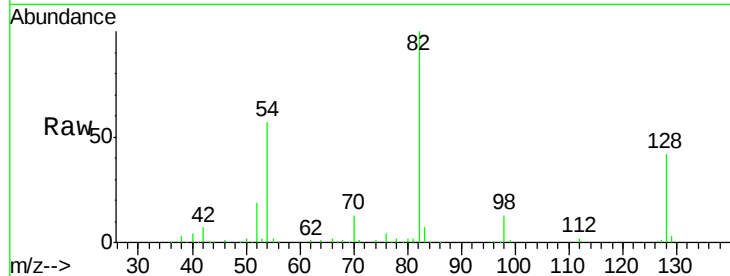
#23
Nitrobenzene-d5
Concen: 85.28 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.7	50.5
54	57.0	47.3	70.9

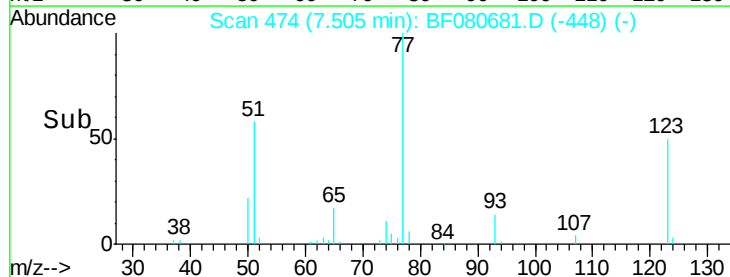
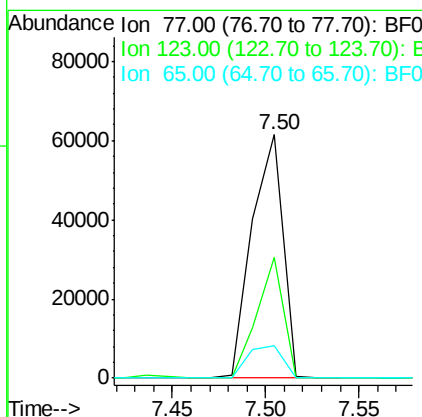
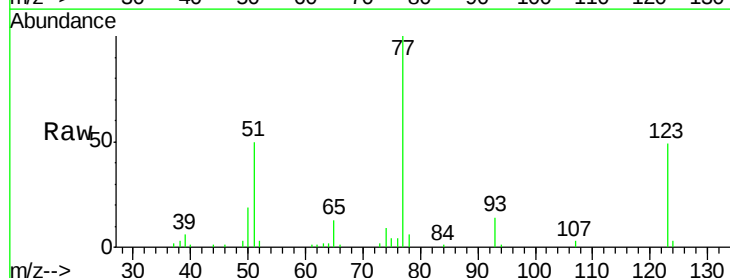
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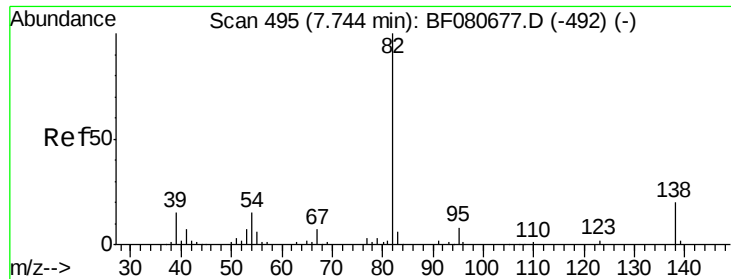
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#24
Nitrobenzene
Concen: 39.84 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	41.8	62.8
65	13.4	10.8	16.2





#25

Isophorone

Concen: 38.84 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

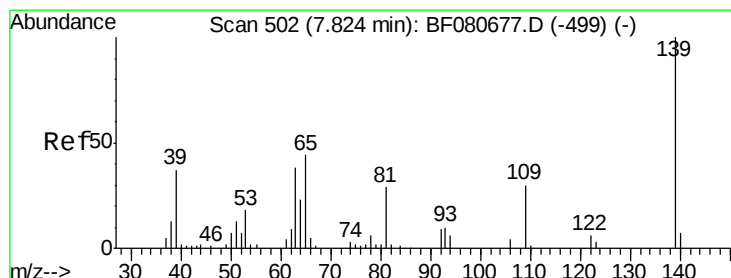
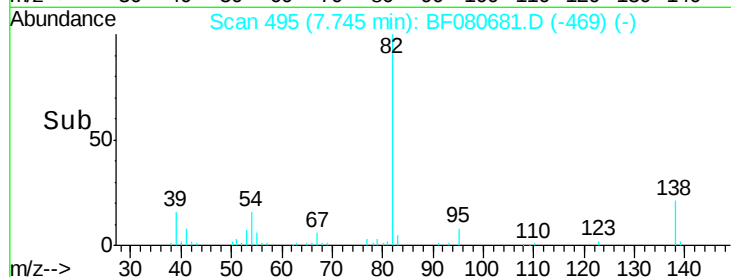
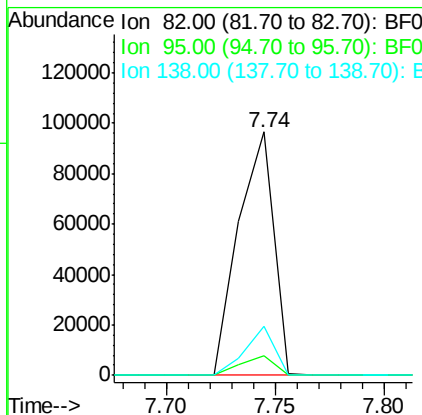
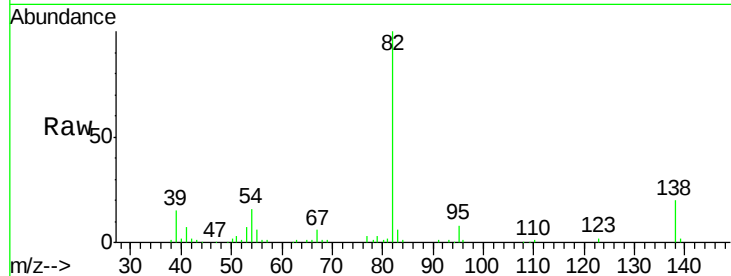
ClientSampleId :

ICVBF072715

Tot Ion:	82	Resp:	108635
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.2	9.2
138	20.4	15.8	23.6

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#26

2-Nitrophenol

Concen: 39.47 ng

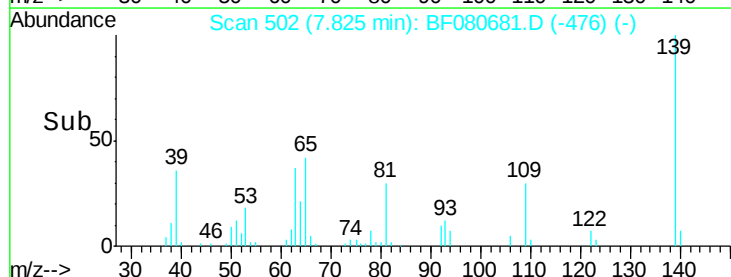
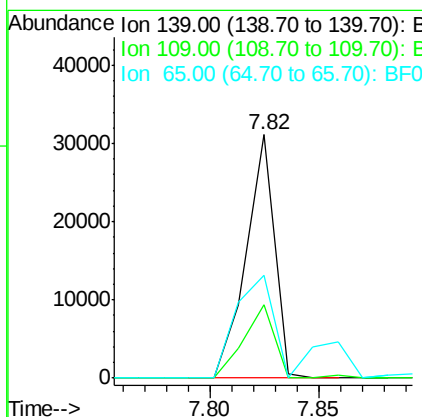
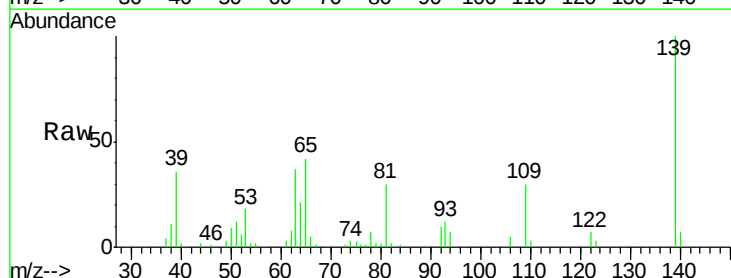
RT: 7.82 min Scan# 502

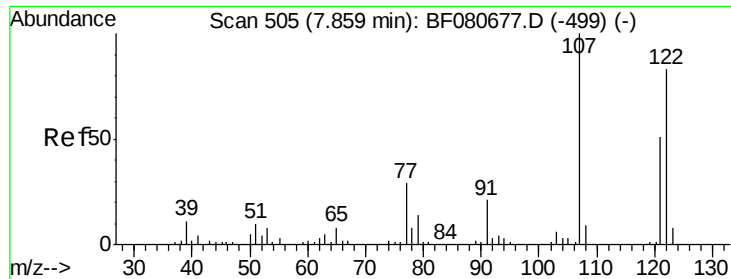
Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:	139	Resp:	28212
Ion Ratio	Lower	Upper	
139	100		
109	30.0	24.2	36.2
65	42.1	35.0	52.6





#27

2,4-Dimethylphenol

Concen: 38.44 ng/mL

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

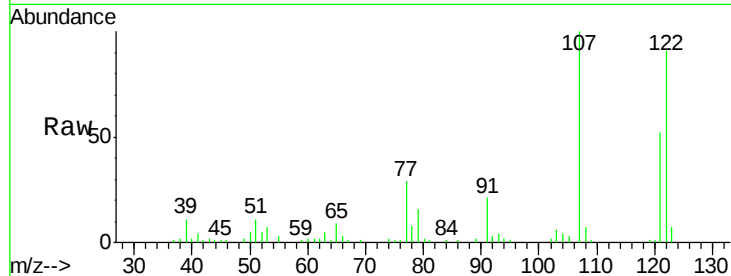
ClientSampleId :

ICVBF072715

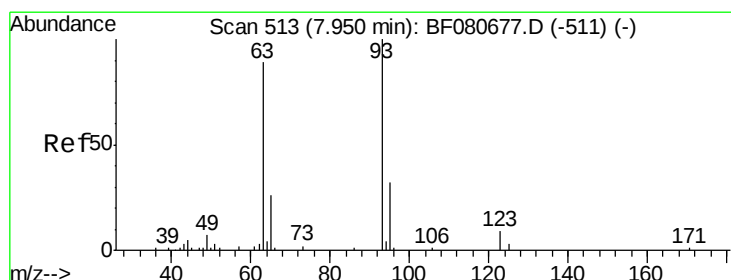
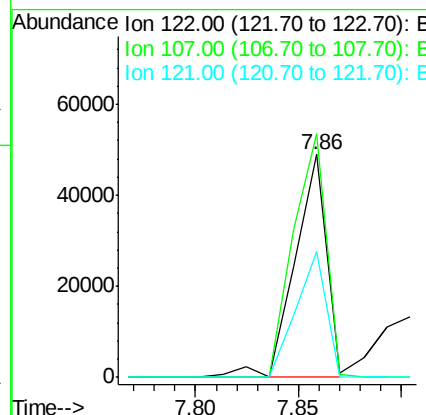
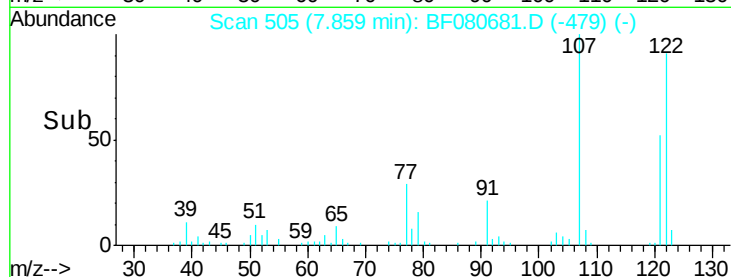
Tot Ion:	122	Resp:	52995
Ion Ratio	Lower	Upper	
122	100		
107	109.4	95.8	143.8
121	56.6	49.0	73.4

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.54 ng/mL

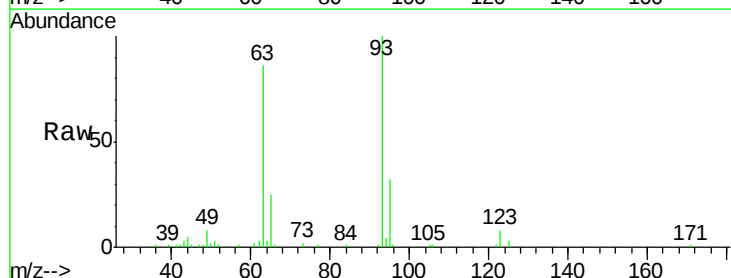
RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

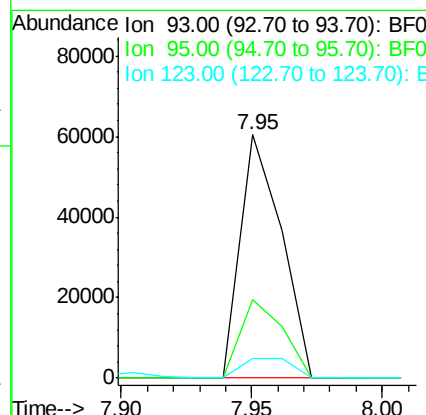
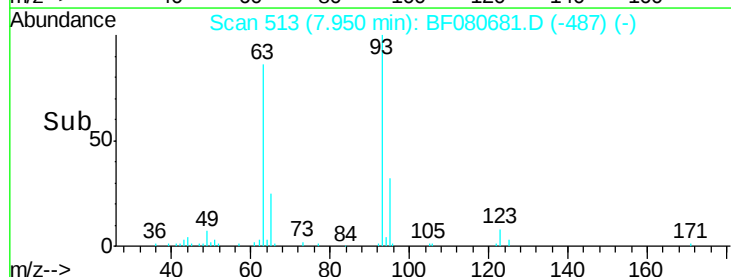
Lab File: BF080681.D

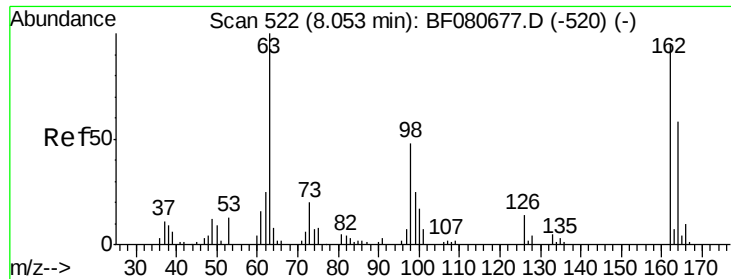
Acq: 27 Jul 2015 19:39

Tgt Ion:	93	Resp:	66588
Ion Ratio	Lower	Upper	
93	100		
95	32.3	25.3	37.9
123	8.2	7.0	10.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





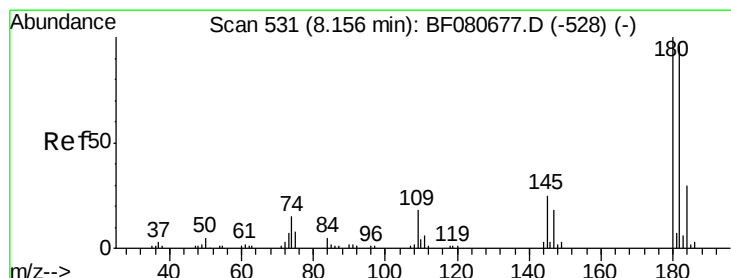
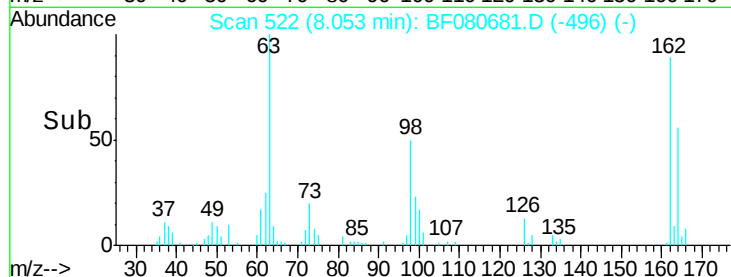
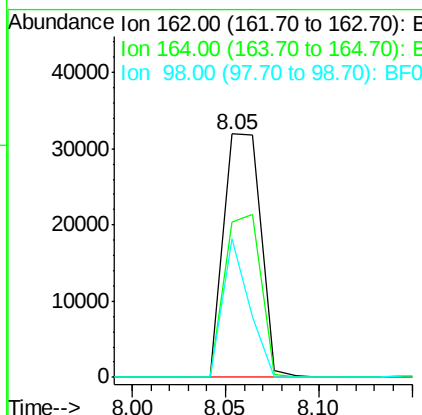
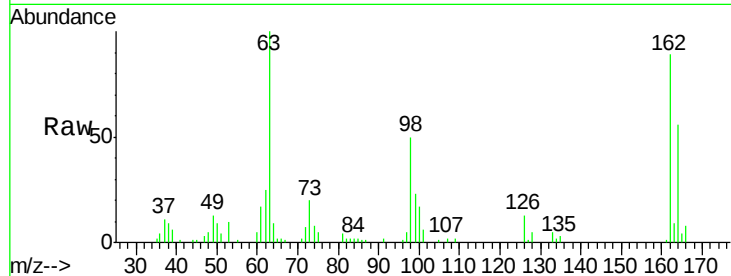
#29
 2,4-Dichlorophenol
 Concen: 38.28 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tot Ion	Ratio	Resp	Lower	Upper
162	100	44517		
164	63.6	41.2	81.2	
98	56.7	30.4	70.4	

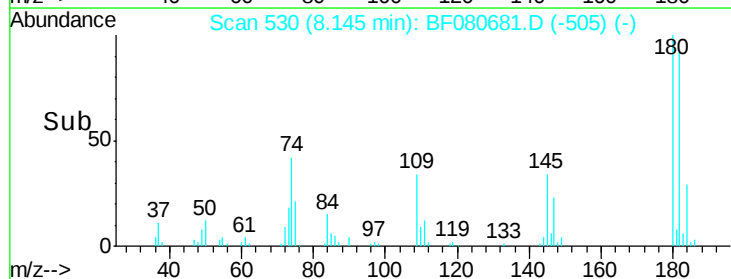
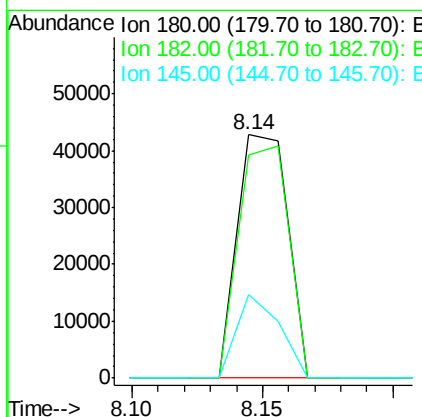
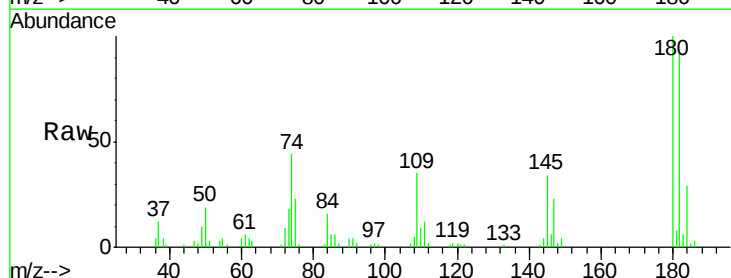
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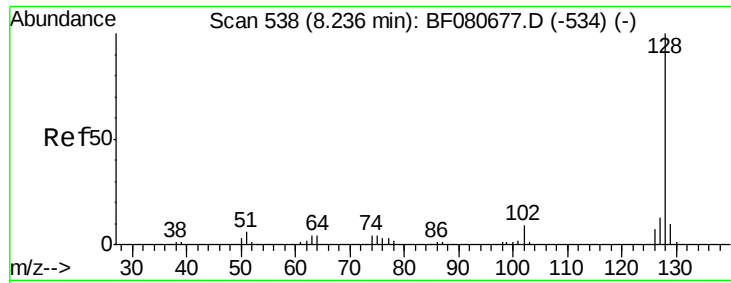
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.13 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	57914		
182	91.5	77.1	115.7	
145	34.4	20.0	30.0	





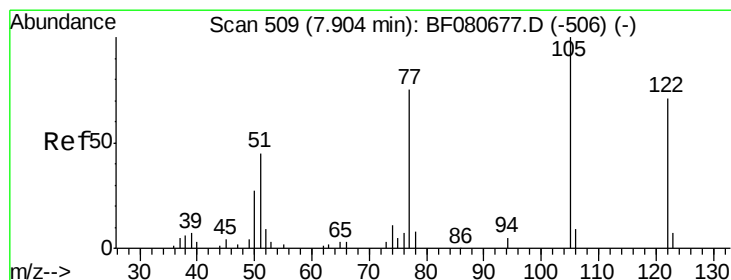
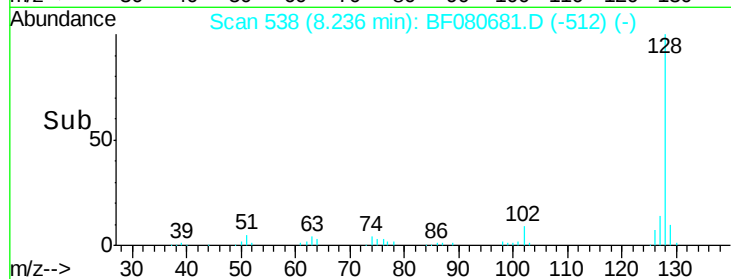
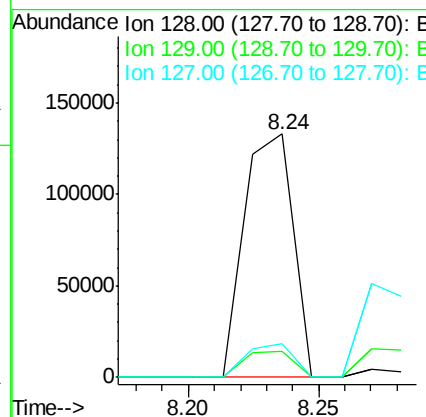
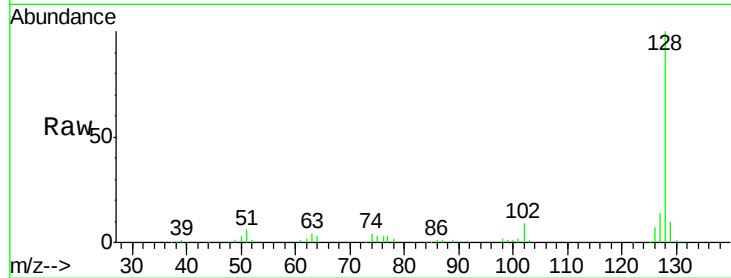
#31
Naphthalene
Concen: 38.63 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
128	100	175394		
129	10.5	8.3	12.5	
127	13.7	10.5	15.7	

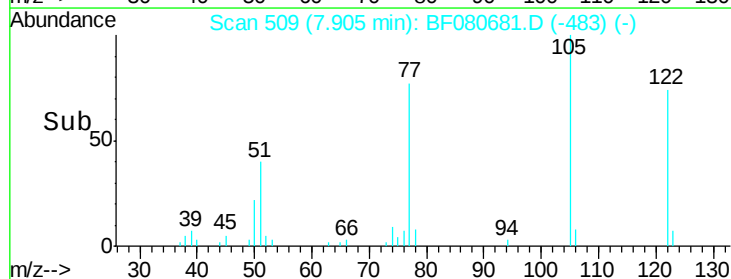
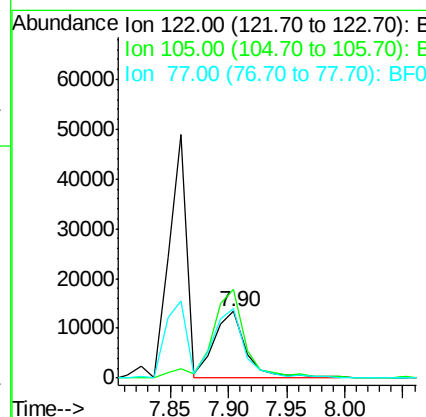
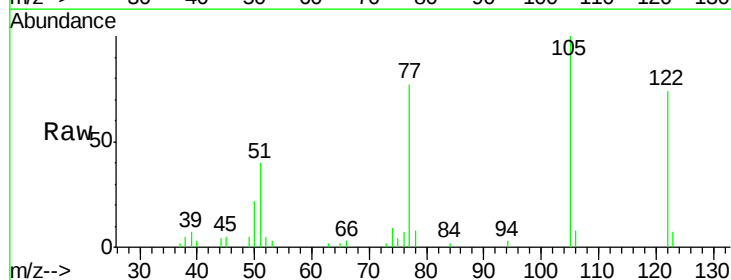
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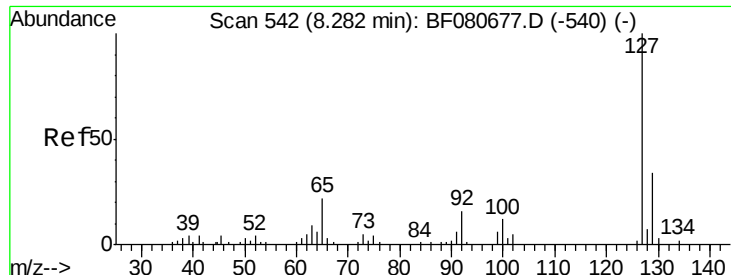
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#32
Benzoic acid
Concen: 38.26 ng m
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26045		
105	134.4	117.6	157.6	
77	103.9	86.6	126.6	





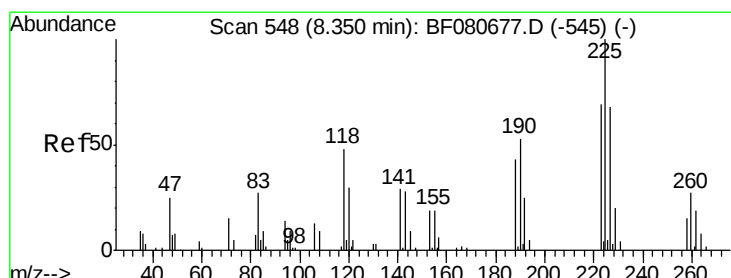
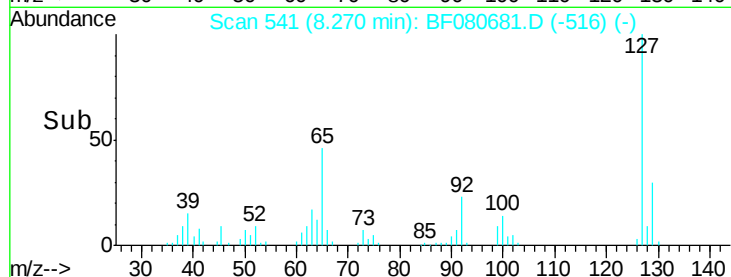
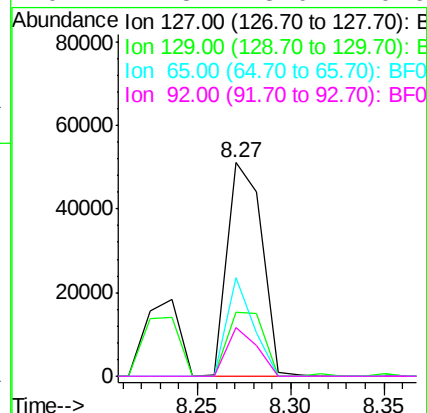
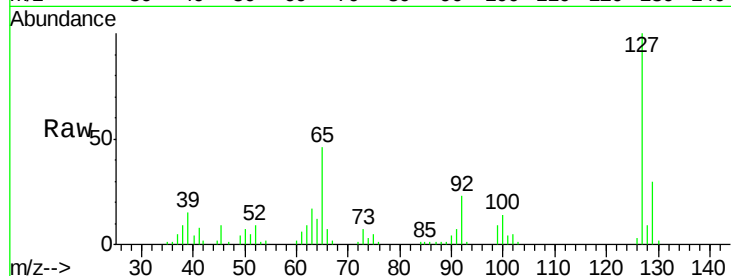
#33
4-Chloroaniline
Concen: 40.54 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.8	40.2
65	46.1	17.6	26.4
92	22.8	13.0	19.6

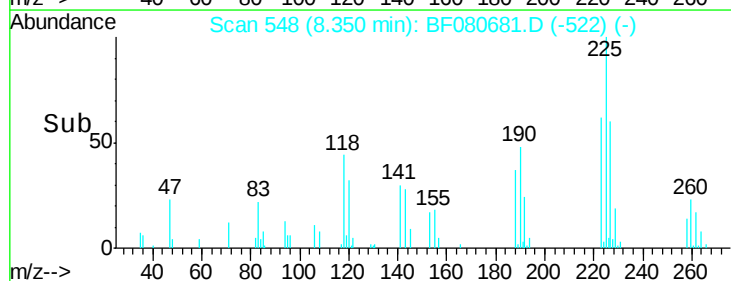
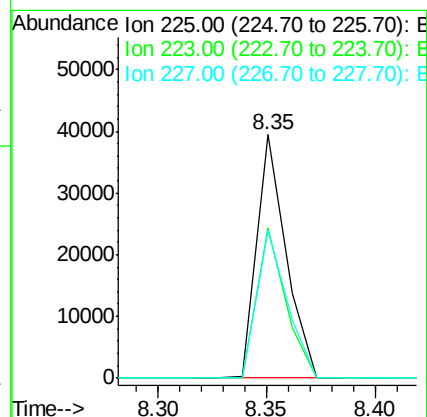
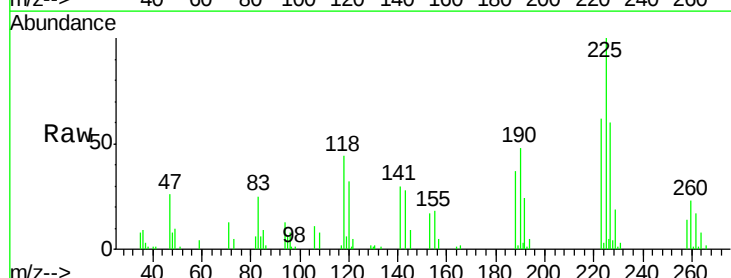
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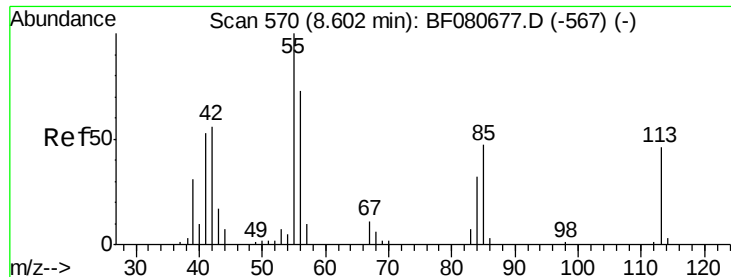
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#34
Hexachlorobutadiene
Concen: 39.71 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	55.0	82.6
227	60.4	54.0	81.0





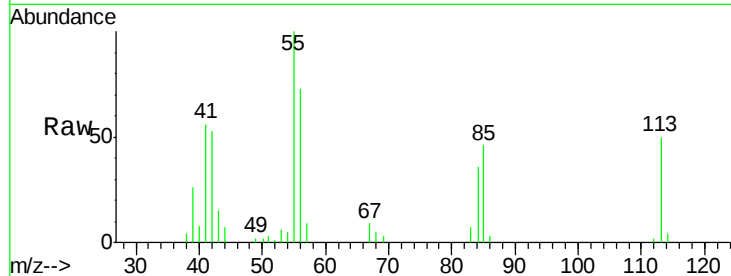
#35
 Caprolactam
 Concen: 40.94 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

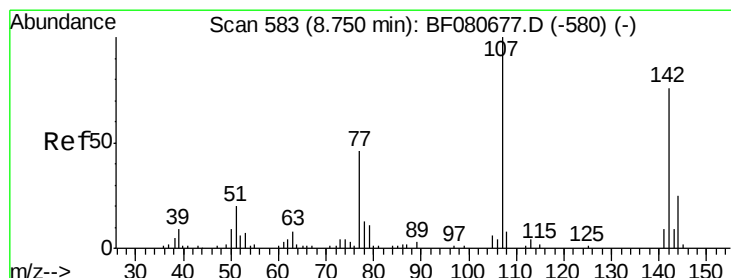
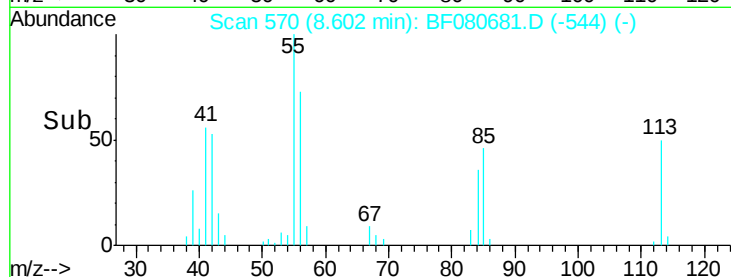
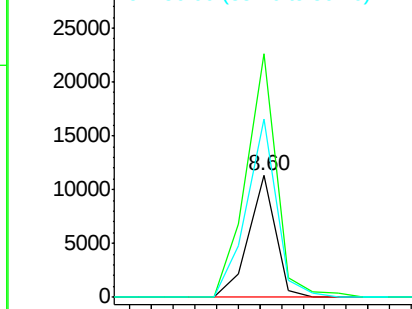
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	200.5		198.5	238.5	
56	147.3		139.5	179.5	

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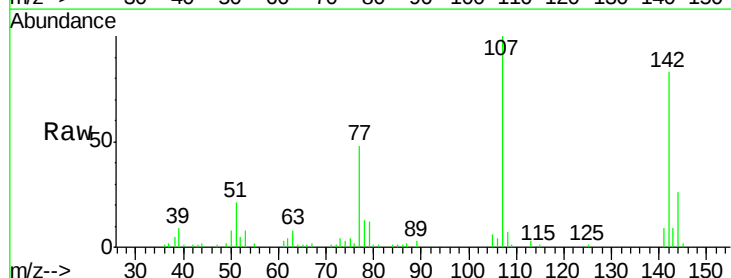


Abundance Ion 113.00 (112.70 to 113.70): E

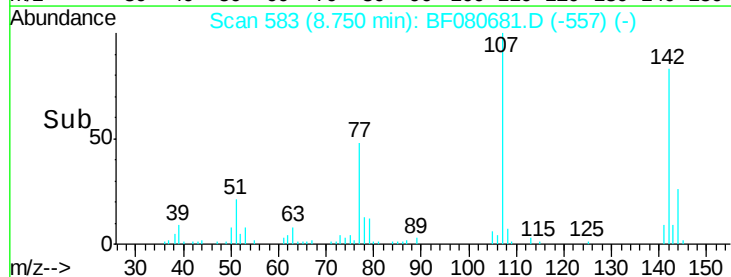
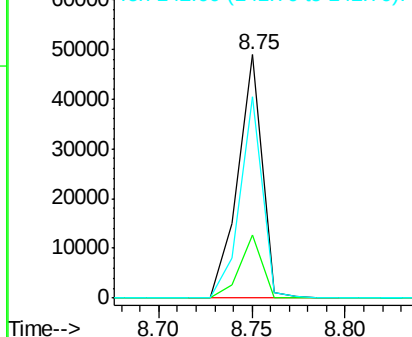


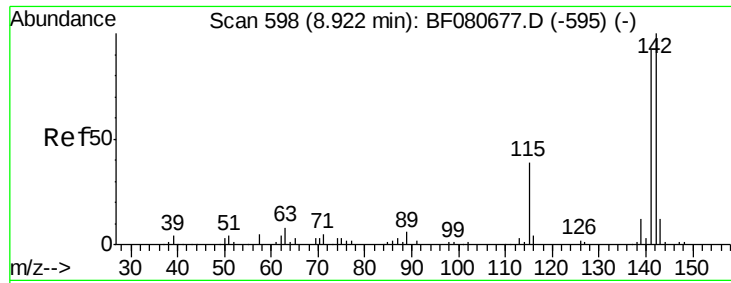
#36
 4-Chloro-3-methylphenol
 Concen: 38.01 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9		20.0	30.0	
142	82.9		61.0	91.6	



Abundance Ion 107.00 (106.70 to 107.70): E





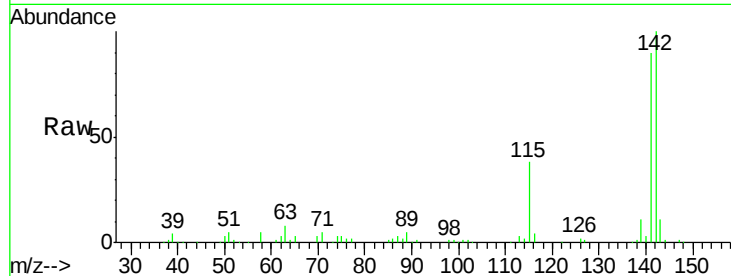
#37
2-Methylnaphthalene
Concen: 39.59 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.4	110.0
115	38.5	31.0	46.4

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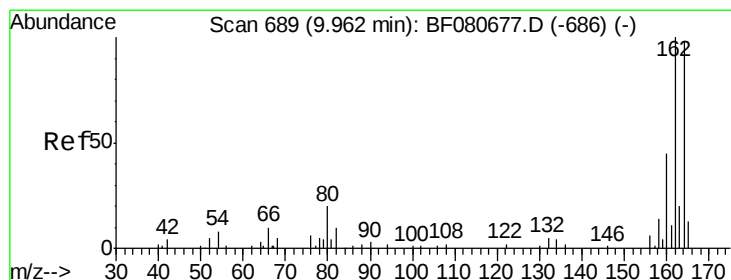
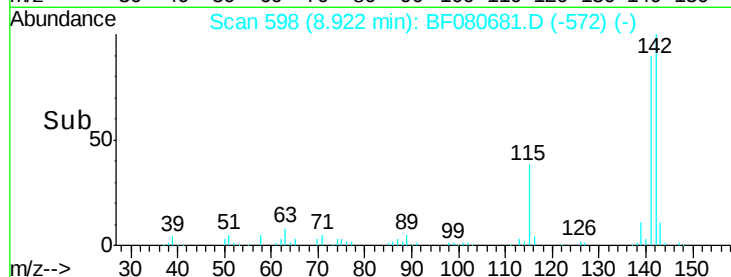
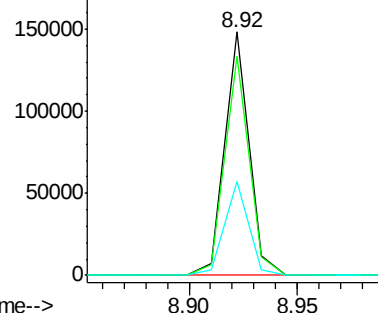


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

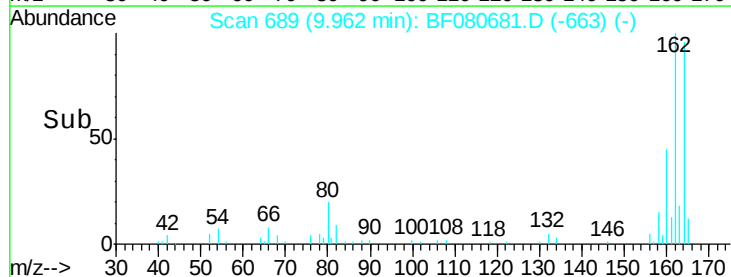
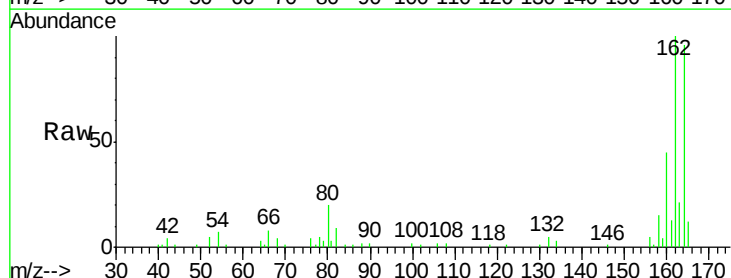
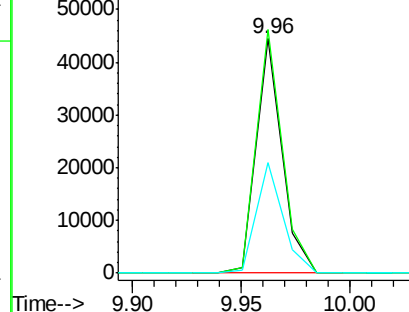
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.0	123.0
160	46.9	36.7	55.1

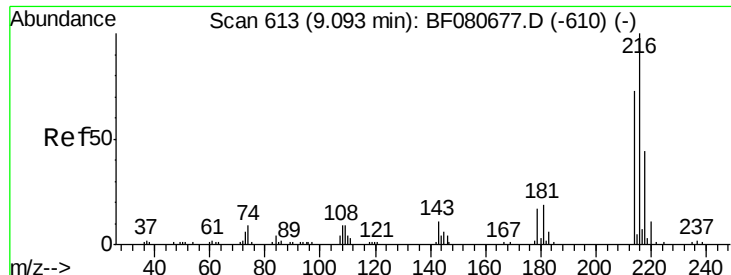
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.05 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

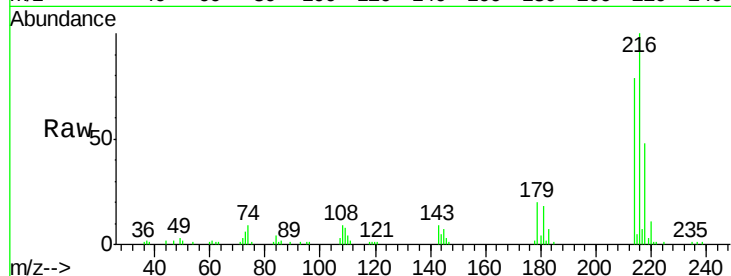
ClientSampleId :

ICVBF072715

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		49581		
214	78.9		61.6	92.4	
179	22.4		17.4	26.0	
108	19.6		16.2	24.2	

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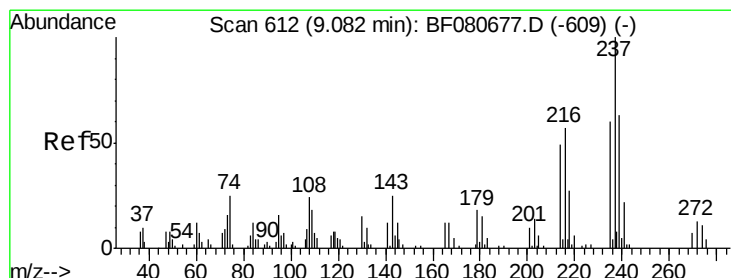
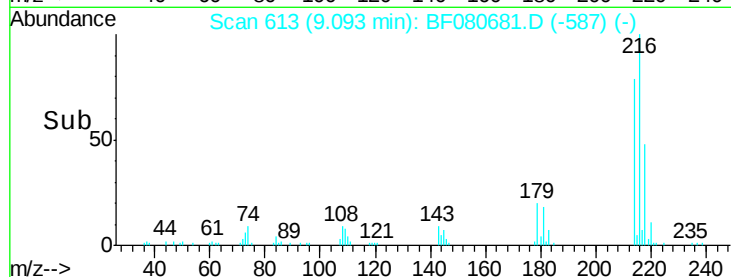
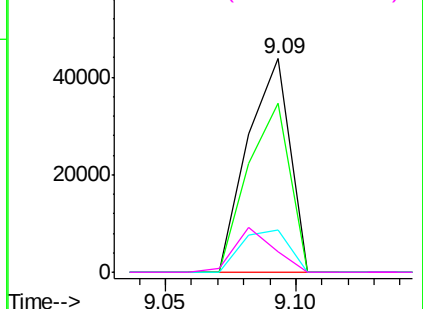


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.31 ng

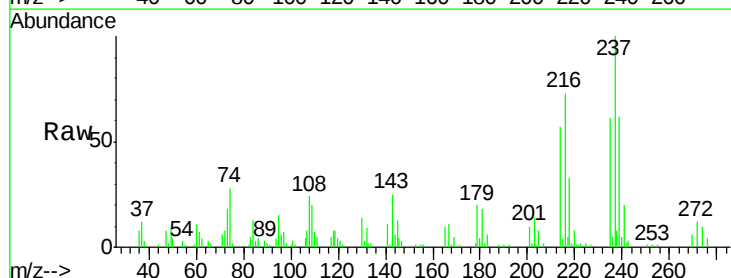
RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

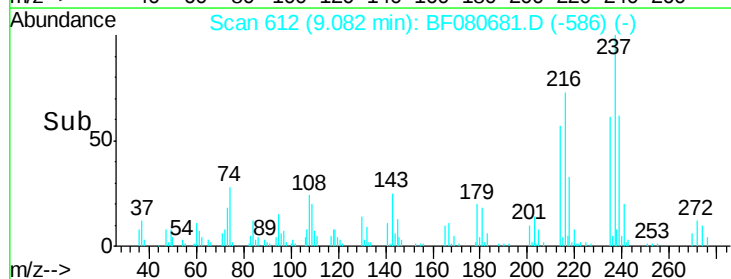
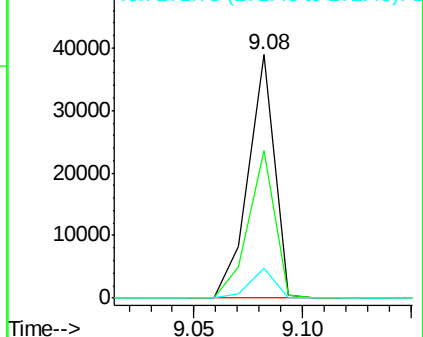
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		32719		
235	60.7		40.5	80.5	
272	12.4		0.0	33.5	

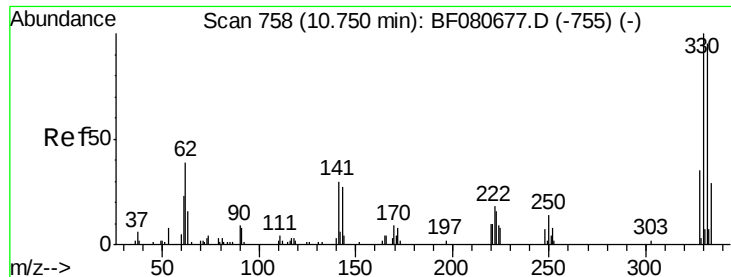


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





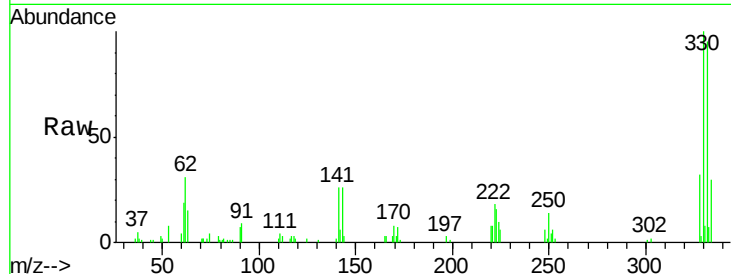
#41
 2,4,6-Tribromophenol
 Concen: 77.21 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

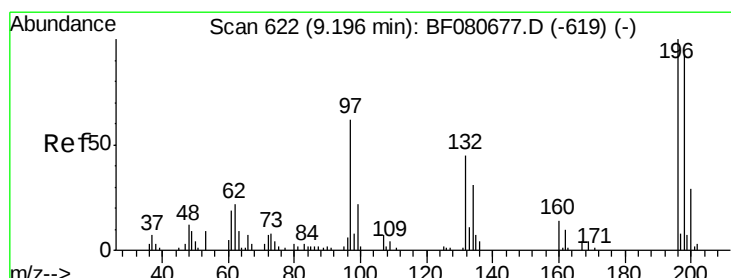
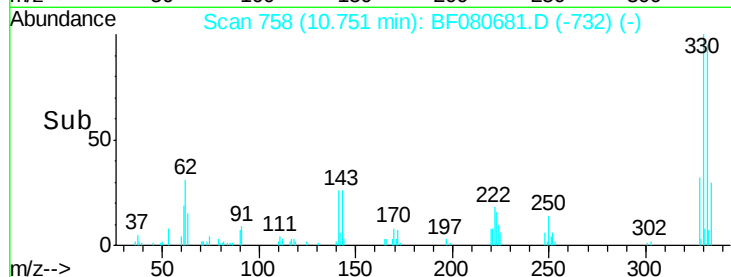
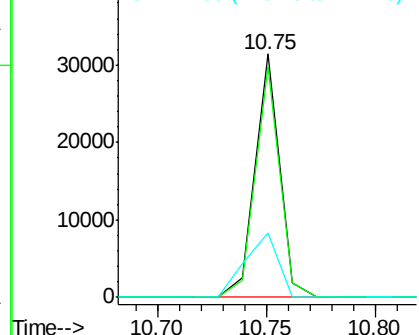
Tot Ion	Ratio	Resp	Lower	Upper
330	100	24565		
332	95.2	76.9	115.3	
141	35.4	30.6	45.8	

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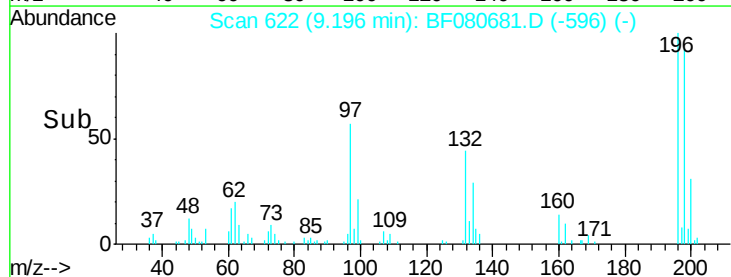
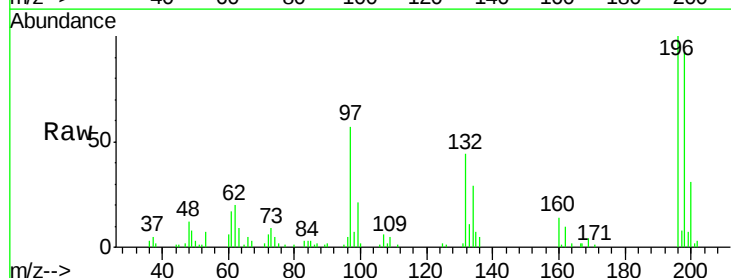
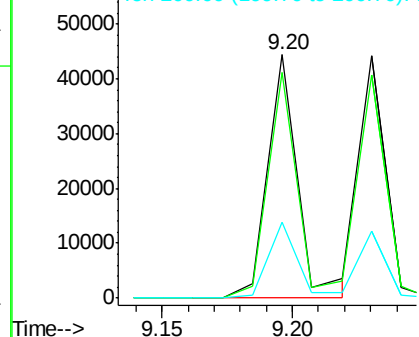
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

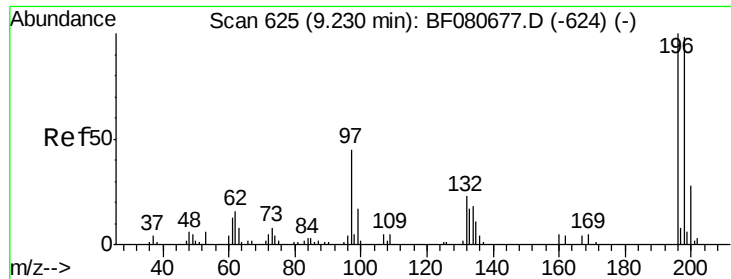


#42
 2,4,6-Trichlorophenol
 Concen: 41.00 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	36206		
198	92.5	74.4	111.6	
200	31.1	23.6	35.4	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





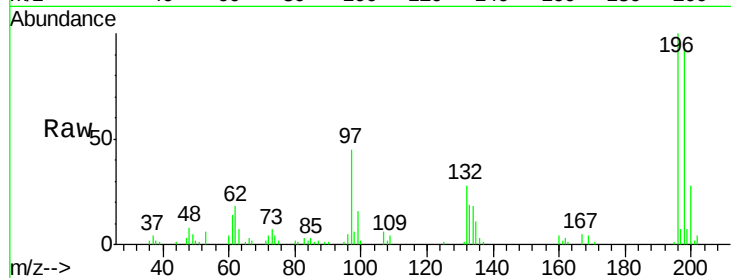
#43
 2,4,5-Trichlorophenol
 Concen: 38.81 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

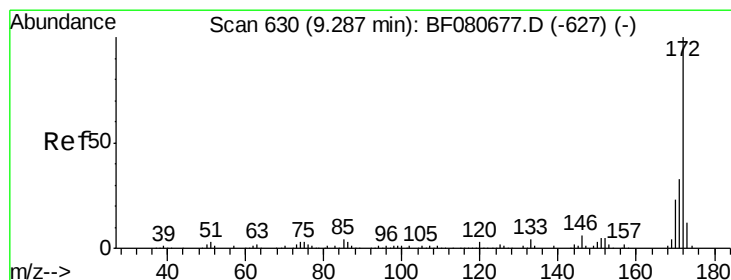
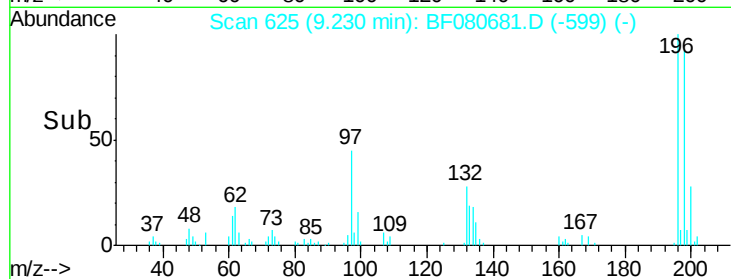
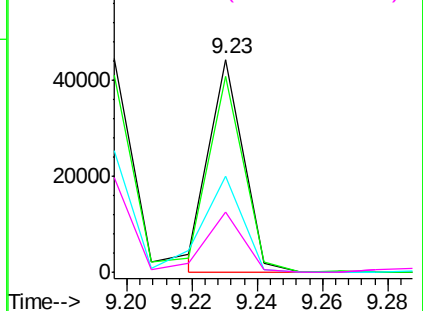
Tot Ion:	196	Resp:	31683
Ion Ratio	Lower	Upper	
196	100		
198	91.9	77.3	115.9
97	44.9	39.6	59.4
132	28.3	20.7	31.1

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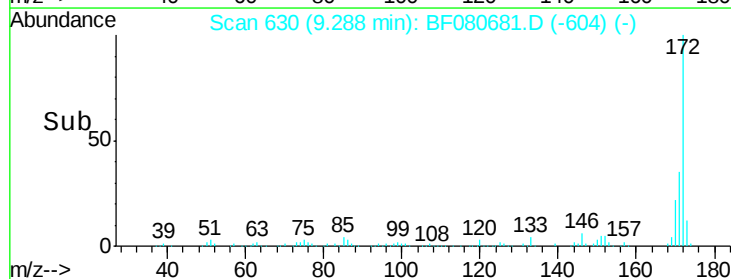
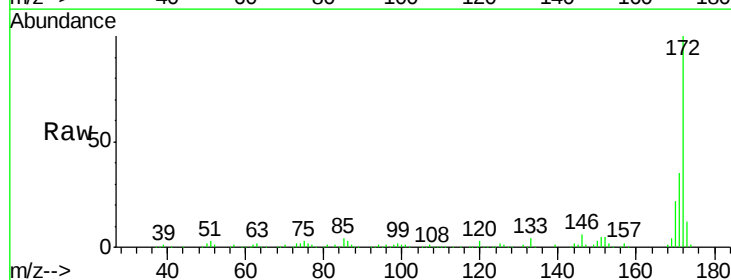
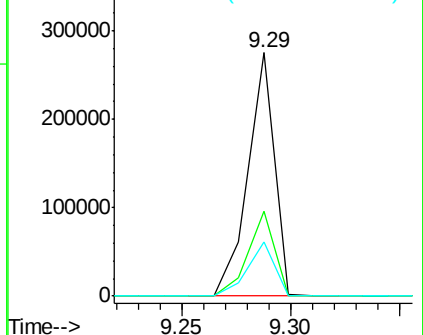
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

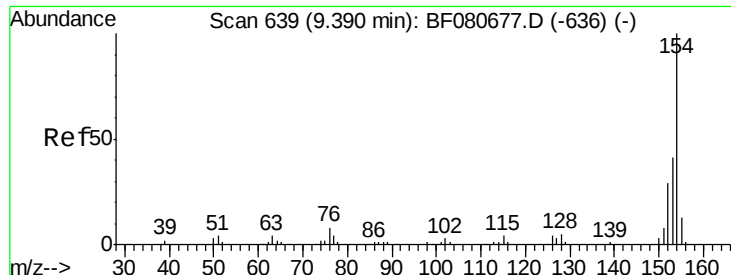


#44
 2-Fluorobiphenyl
 Concen: 80.65 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion:	172	Resp:	232674
Ion Ratio	Lower	Upper	
172	100		
171	35.0	26.6	39.8
170	22.3	18.6	28.0

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.34 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

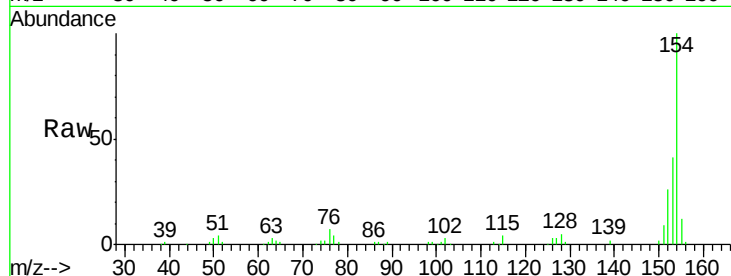
ClientSampleId :

ICVBF072715

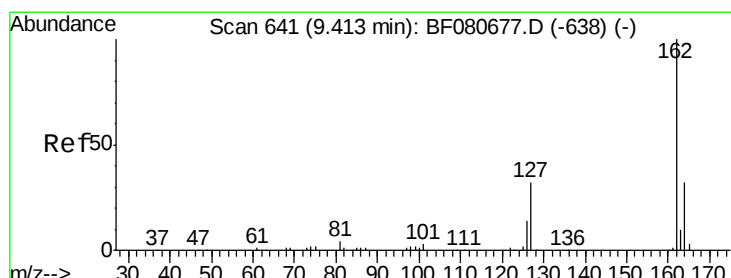
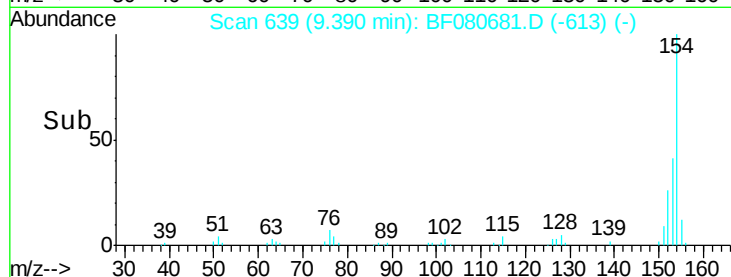
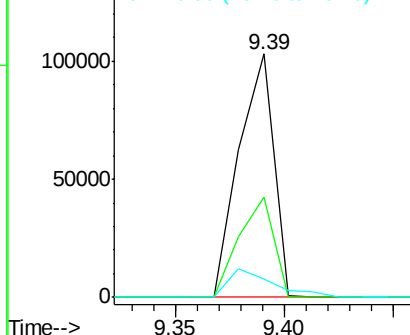
Tot Ion:	154	Resp:	113999
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.1	61.1
76	7.5	0.0	28.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.30 ng

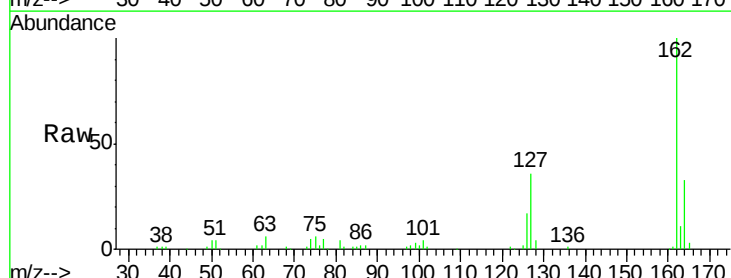
RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

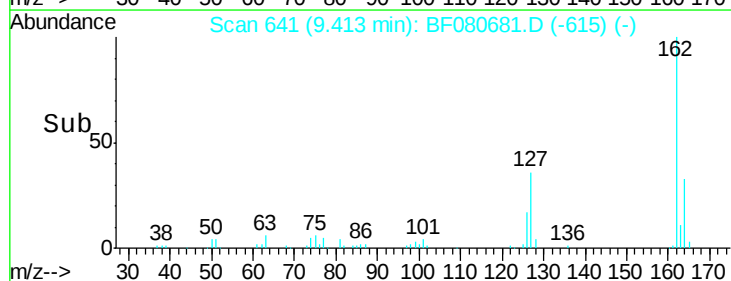
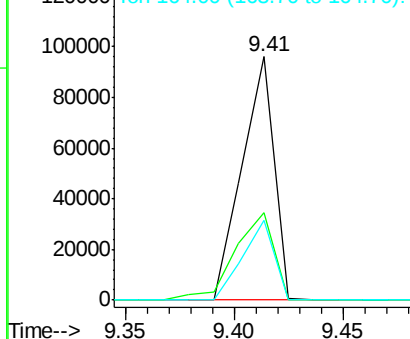
Lab File: BF080681.D

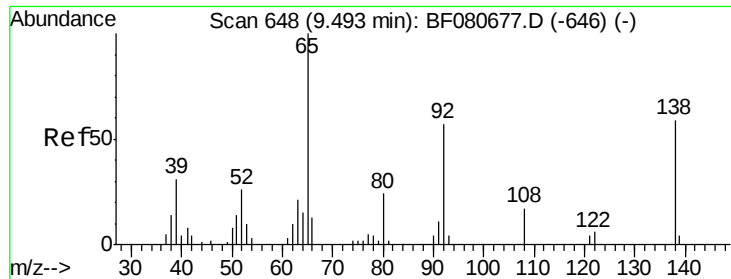
Acq: 27 Jul 2015 19:39

Tgt Ion:	162	Resp:	97831
Ion Ratio	Lower	Upper	
162	100		
127	35.9	27.2	40.8
164	32.8	25.8	38.6



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





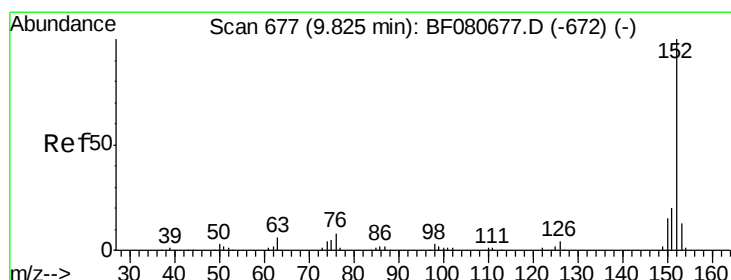
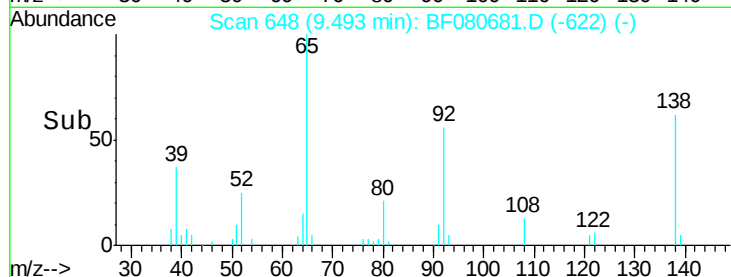
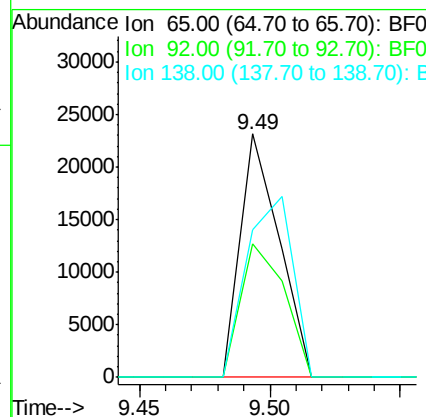
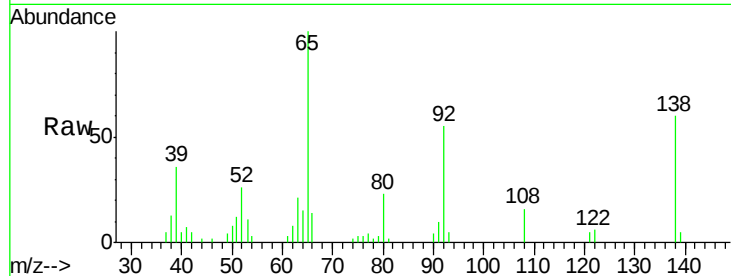
#47
2-Nitroaniline
Concen: 40.32 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Lower	Upper
65	100		
92	54.6	45.9	68.9
138	60.5	47.0	70.4

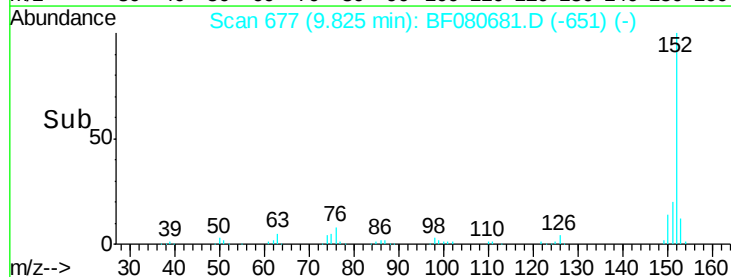
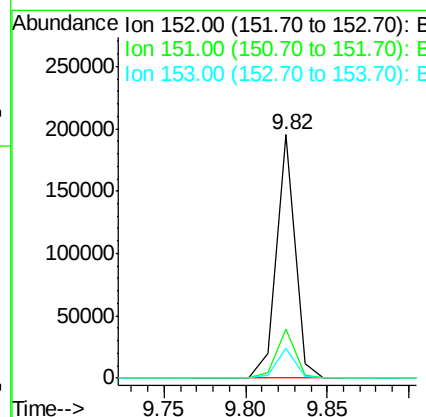
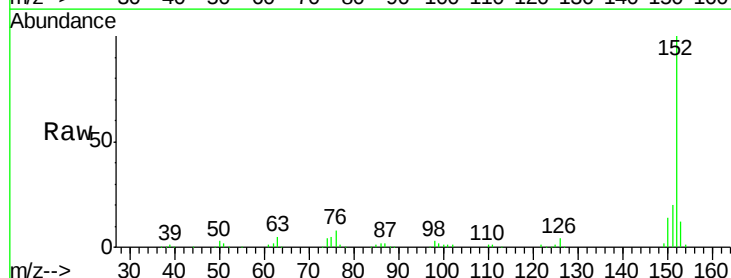
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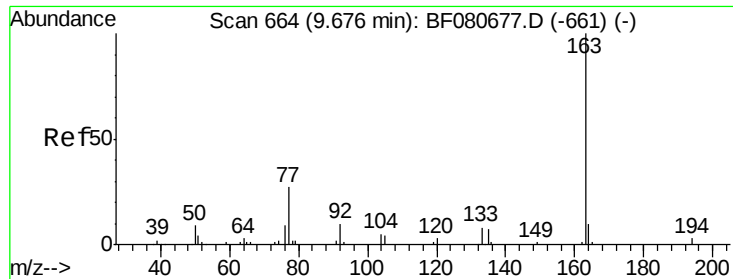
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#48
Acenaphthylene
Concen: 38.64 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.3	10.2	15.4





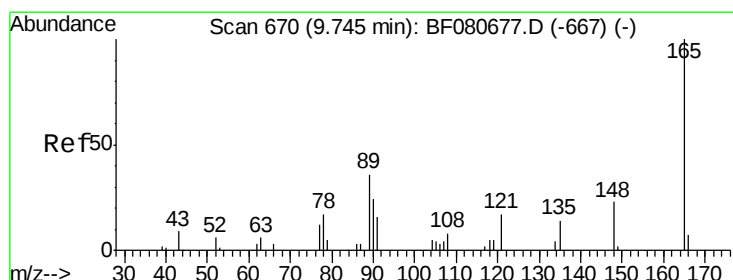
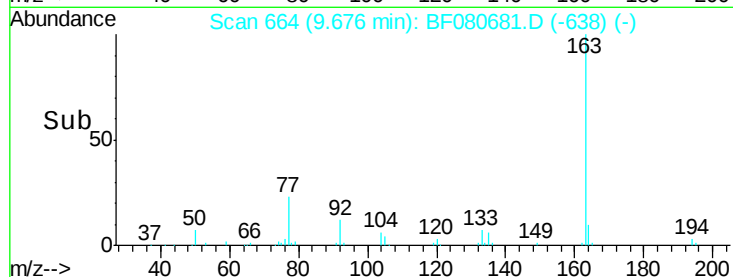
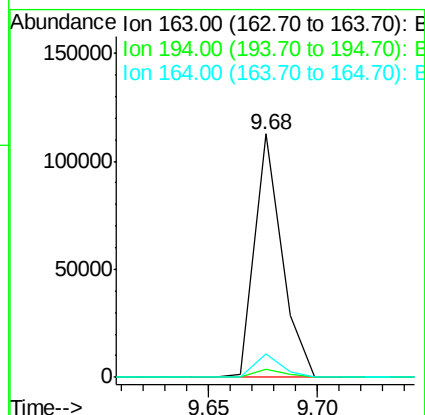
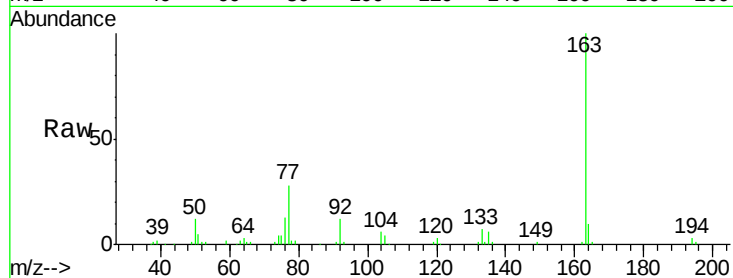
#49
Dimethylphthalate
Concen: 41.34 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Resp	Lower	Upper
163	100	97691		
194	3.2		2.4	3.6
164	9.9		8.1	12.1

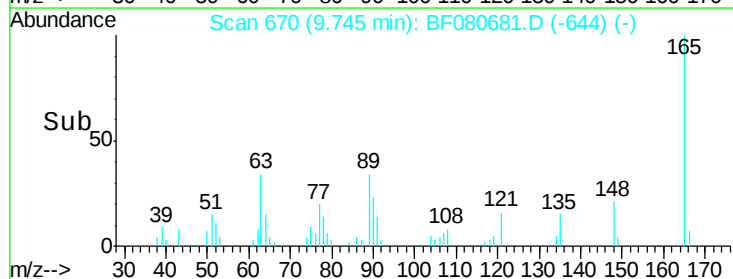
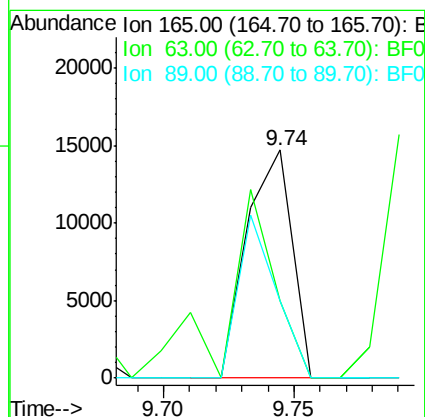
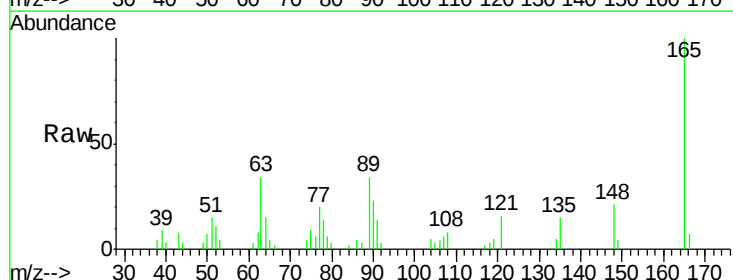
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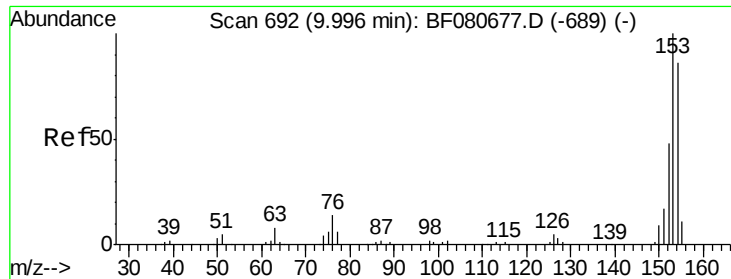
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#50
2,6-Dinitrotoluene
Concen: 37.73 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	17650		
63	33.8		27.1	40.7
89	33.8		29.0	43.6





#51

Acenaphthene

Concen: 37.40 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

Tot Ion:154 Resp: 88419

Ion Ratio Lower Upper

154 100

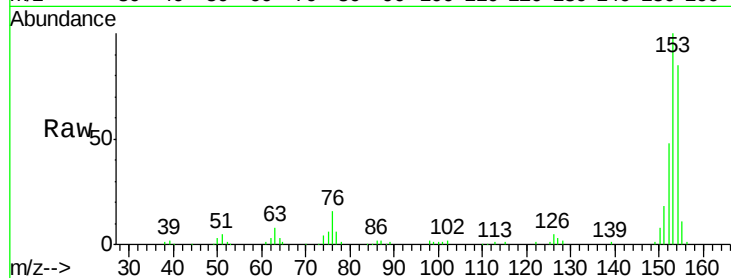
153 117.2 92.8 139.2

152 55.9 44.6 66.8

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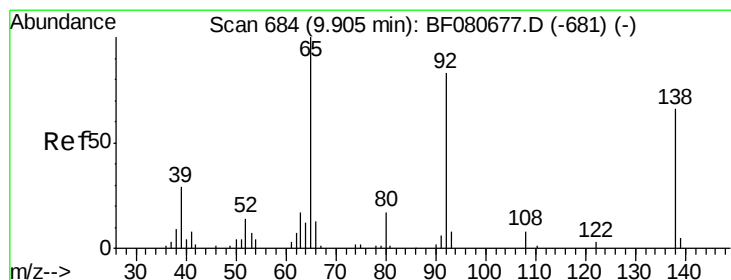
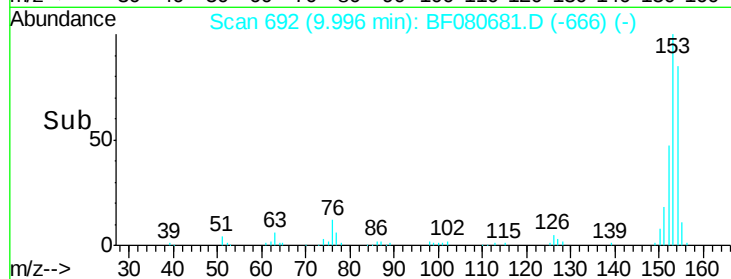
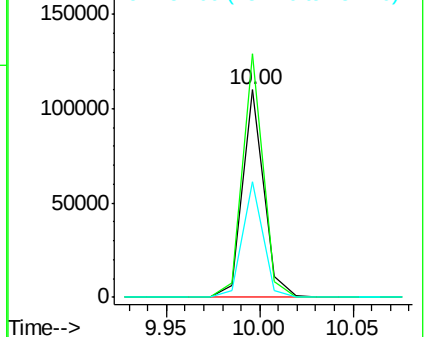
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.49 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

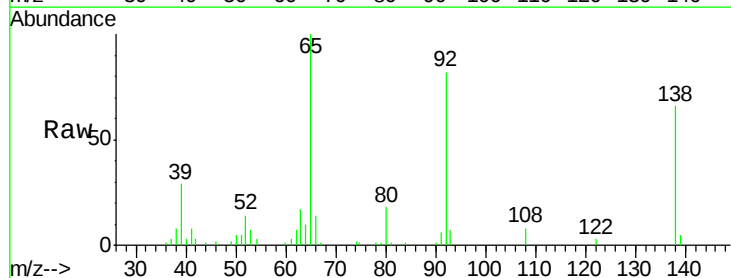
Tgt Ion:138 Resp: 22046

Ion Ratio Lower Upper

138 100

108 11.9 10.3 15.5

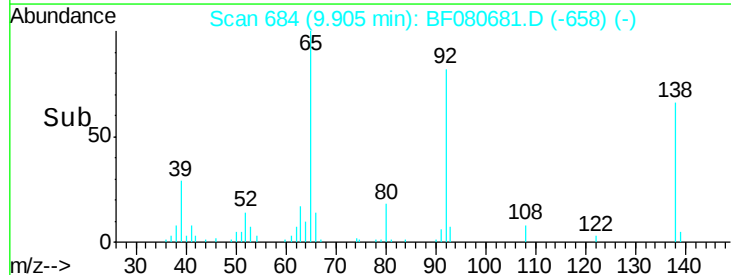
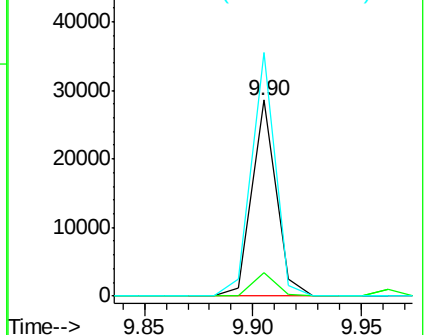
92 124.2 100.6 151.0

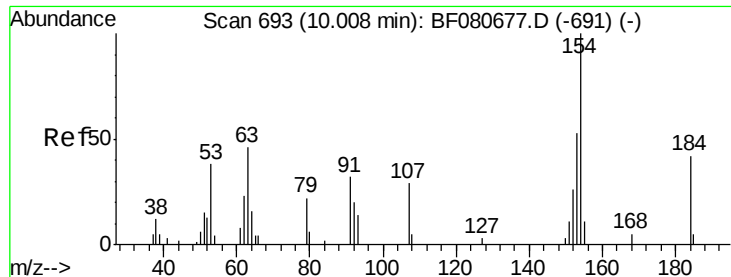


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





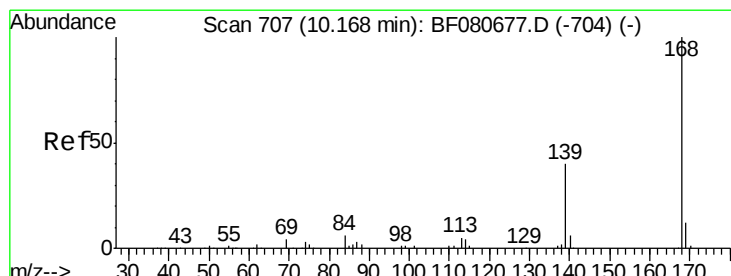
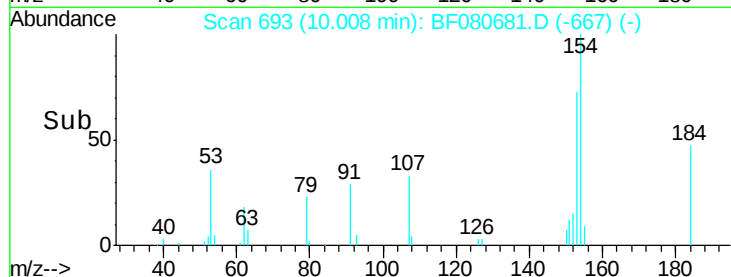
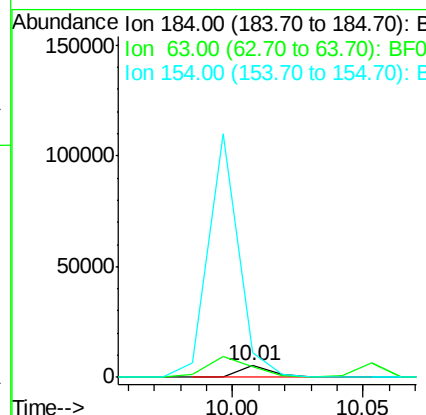
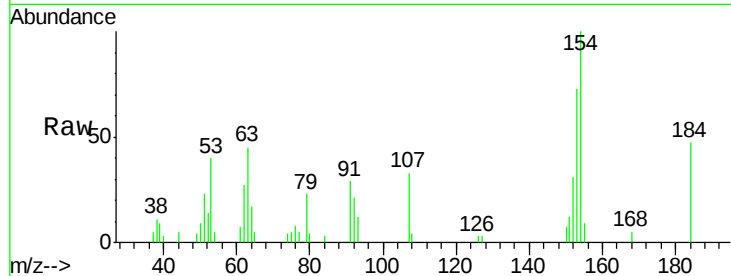
#53
 2,4-Dinitrophenol
 Concen: 39.56 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tot Ion	Ratio	Lower	Upper
184	100		
63	95.2	104.5	156.7#
154	211.6	276.3	414.5#

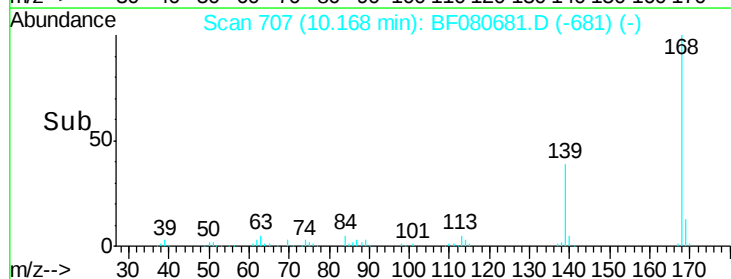
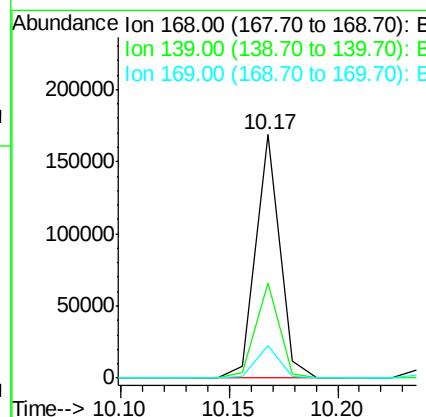
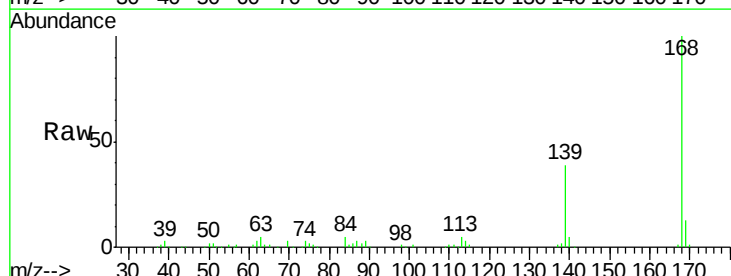
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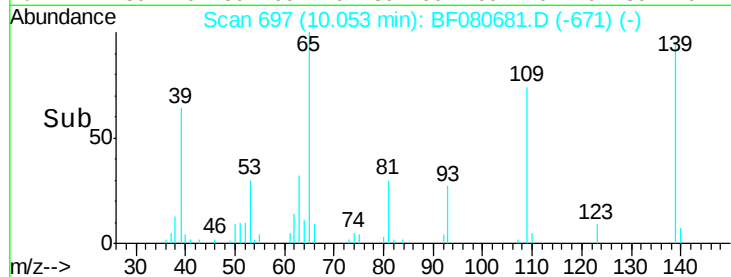
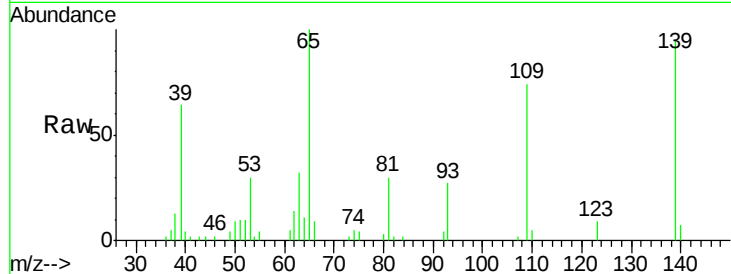
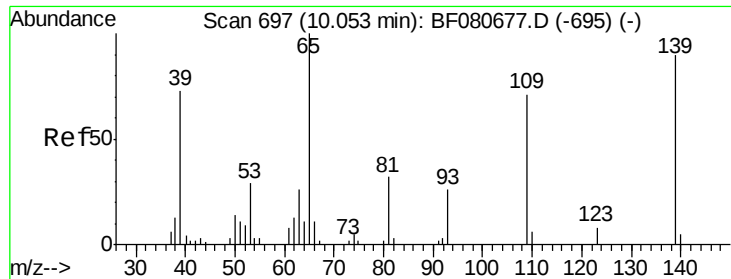
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#54
 Dibenzofuran
 Concen: 39.96 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.8	47.8
169	13.2	9.8	14.6





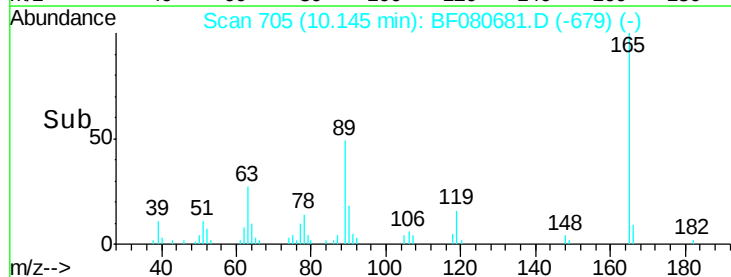
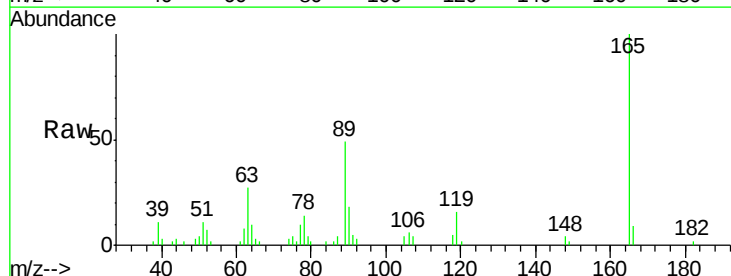
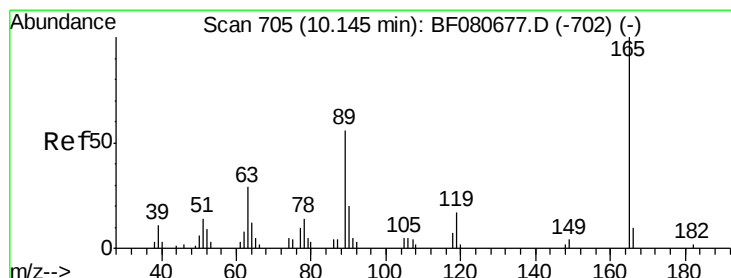
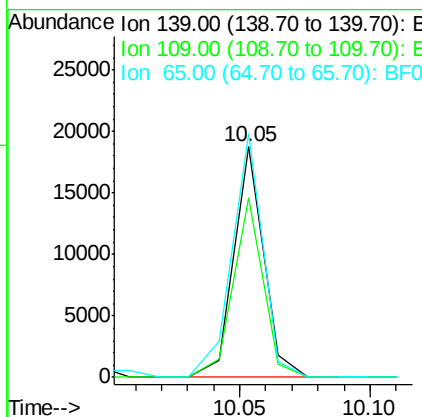
#55
4-Nitrophenol
Concen: 42.22 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tot Ion	Ratio	Resp	Lower	Upper
139	100	15021		
109	78.0	58.4	98.4	
65	105.6	90.5	130.5	

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

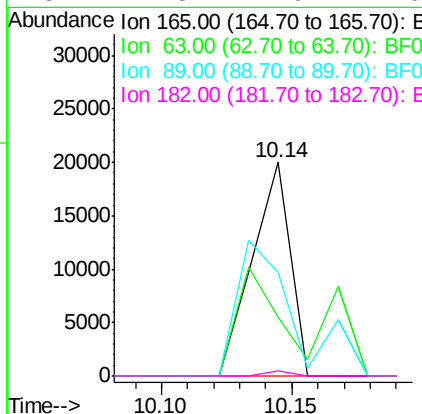
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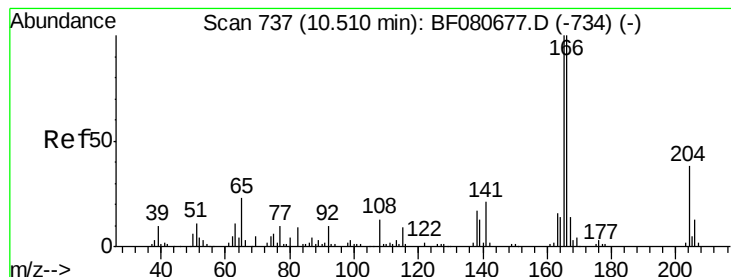
apatel
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#56
2,4-Dinitrotoluene
Concen: 38.13 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	20336		
63	27.5	23.2	34.8	
89	48.6	44.6	67.0	
182	2.3	1.9	2.9	





#57

Fluorene

Concen: 40.13 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

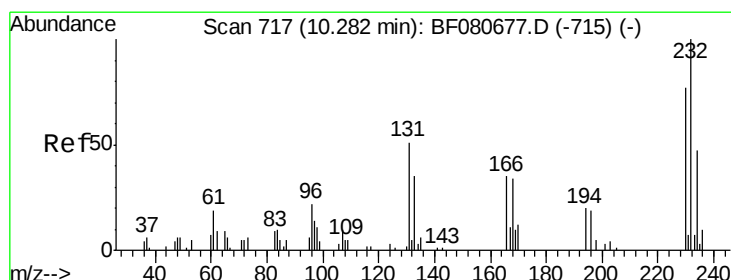
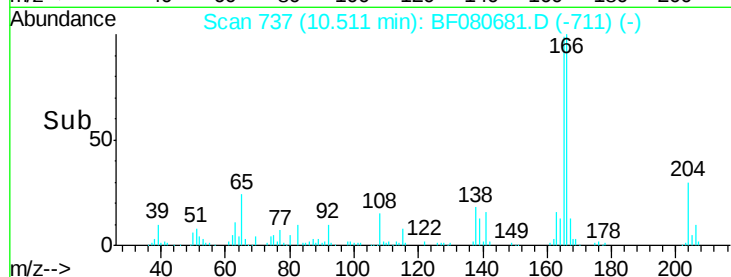
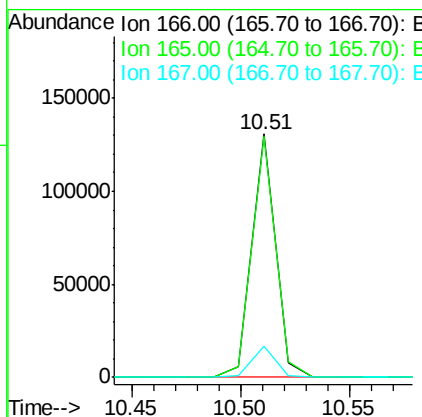
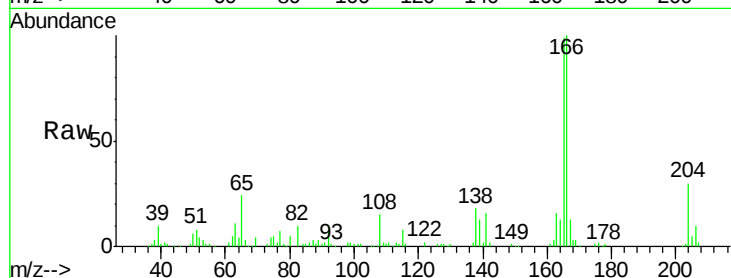
ClientSampleId :

ICVBF072715

Tot Ion:	166	Resp:	98931
Ion Ratio	Lower	Upper	
166	100		
165	98.8	80.2	120.4
167	13.0	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.88 ng m

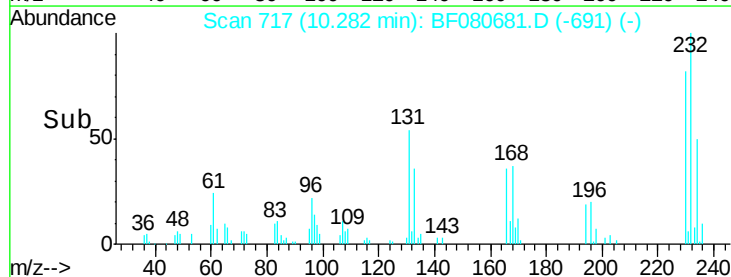
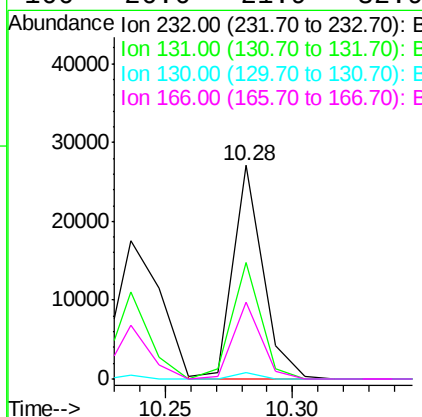
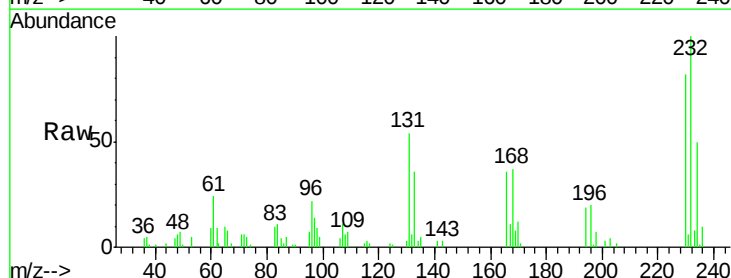
RT: 10.28 min Scan# 717

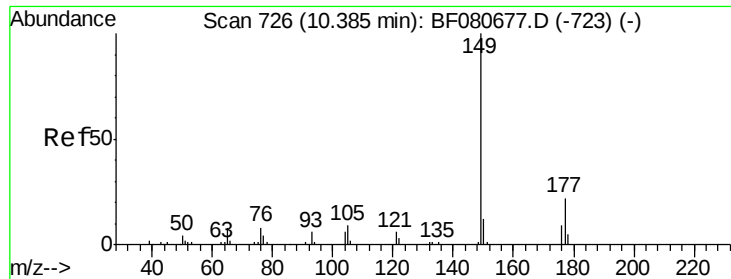
Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:	232	Resp:	22317
Ion Ratio	Lower	Upper	
232	100		
131	42.6	33.4	50.0
130	1.7	1.5	2.3
166	26.6	21.9	32.9





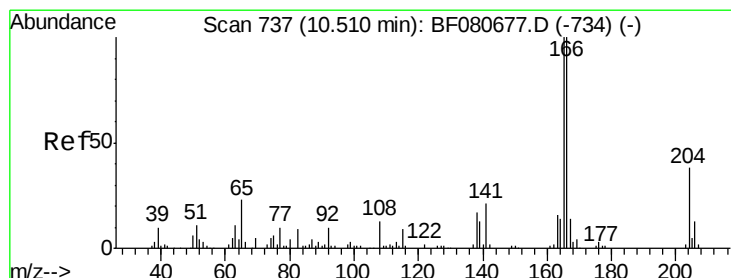
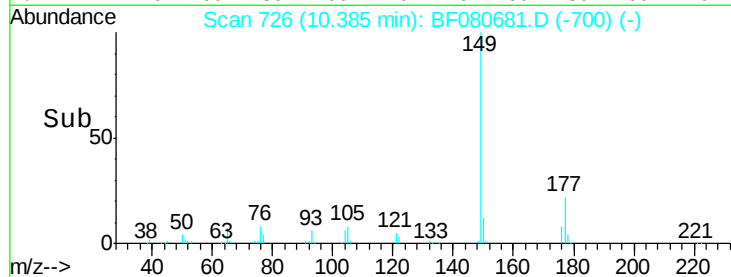
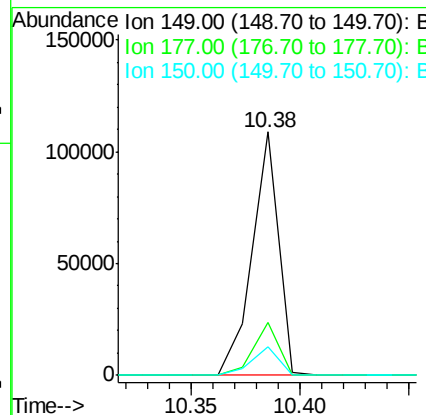
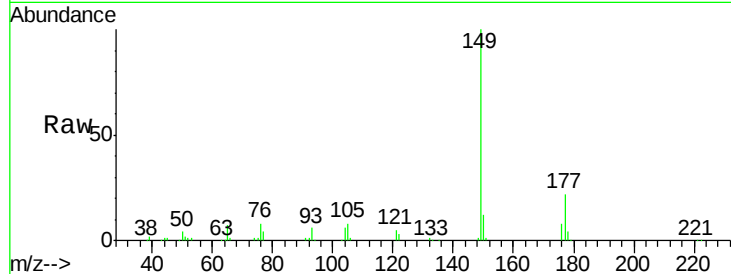
#59
Diethylphthalate
Concen: 40.73 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	11.7	9.5	14.3

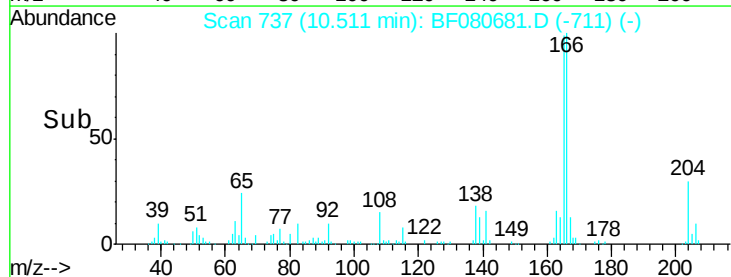
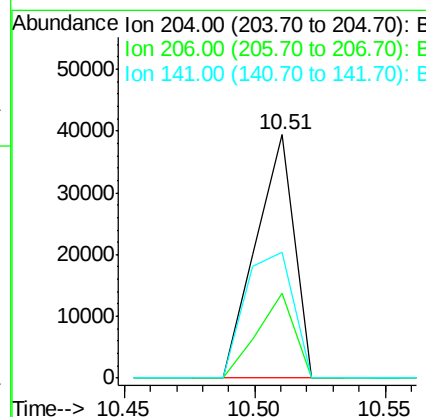
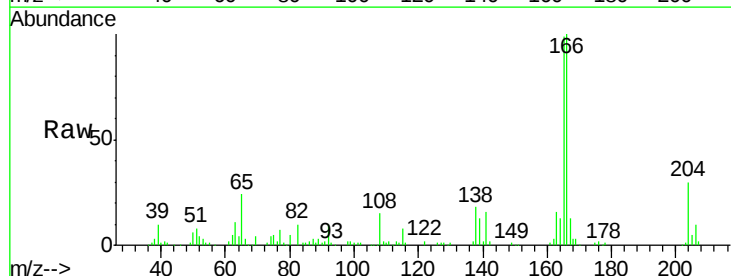
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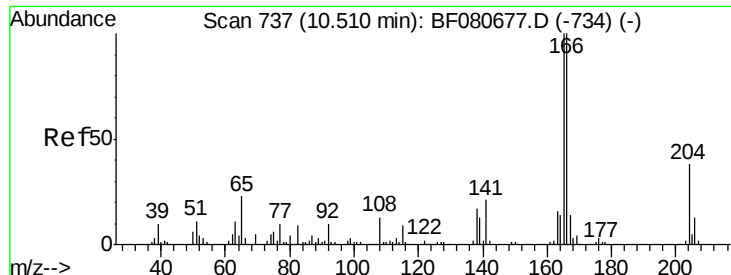
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#60
4-Chlorophenyl-phenylether
Concen: 37.52 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.5	39.7
141	51.9	43.8	65.6





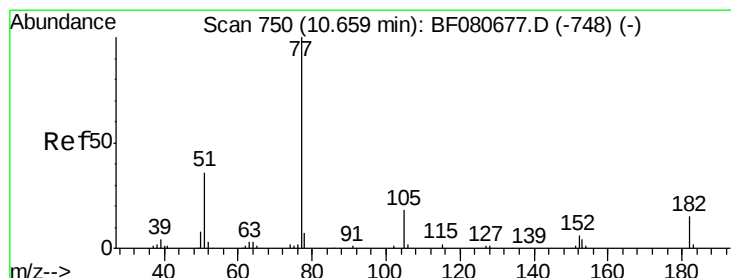
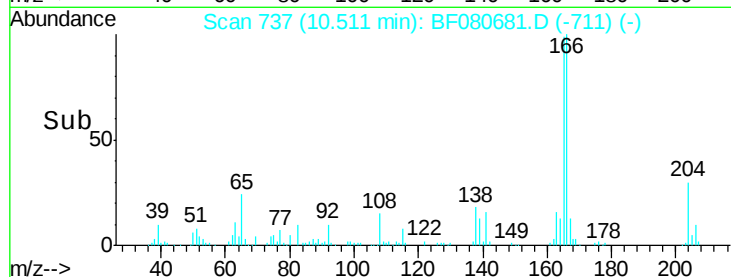
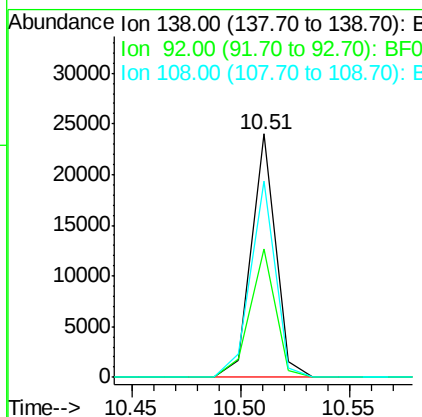
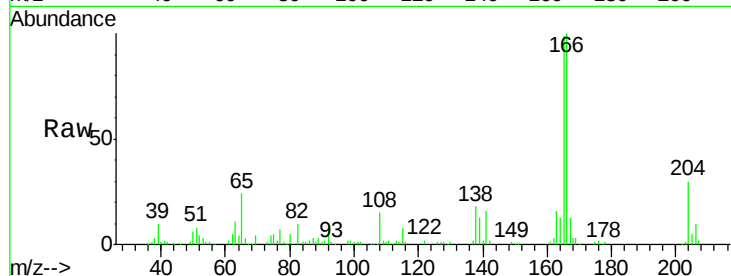
#61
4-Nitroaniline
Concen: 41.32 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Resp	Lower	Upper
138	100	18721		
92	52.9	38.1	78.1	
108	80.4	59.7	99.7	

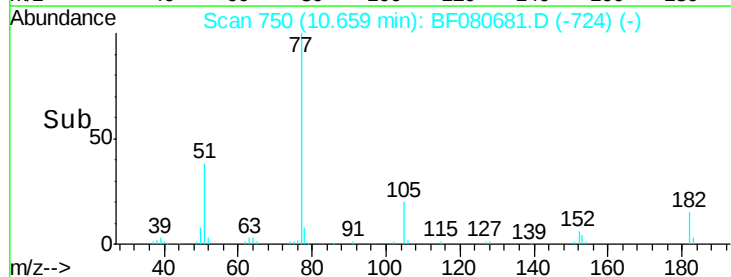
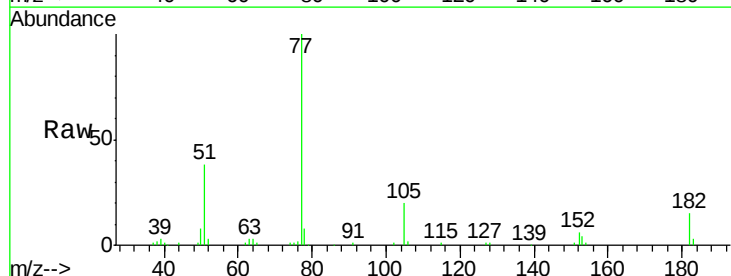
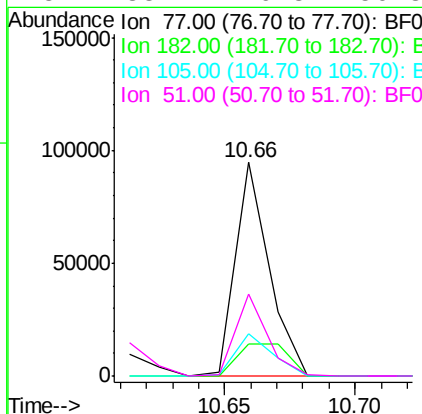
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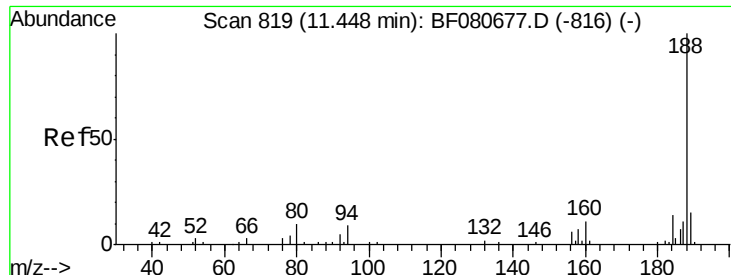
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#62
Azobenzene
Concen: 38.93 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	85491		
182	15.2	0.0	34.7	
105	19.9	0.0	37.8	
51	38.4	16.3	56.3	





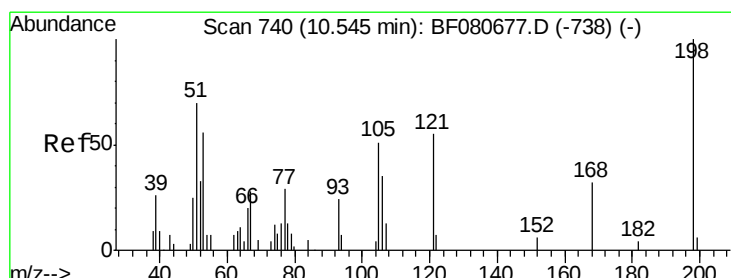
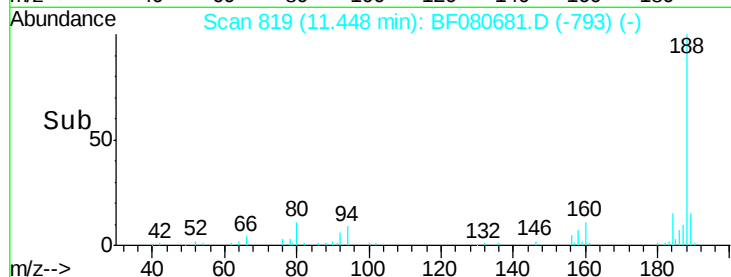
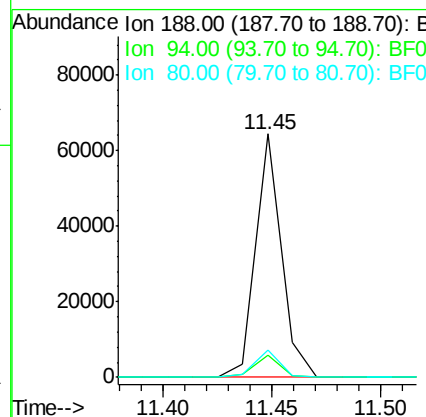
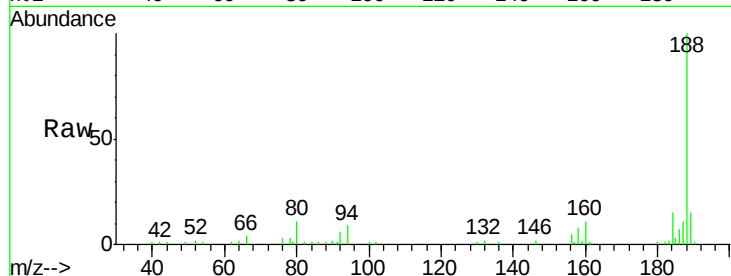
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Resp	Lower	Upper
188	100	52924		
94	9.2		7.2	10.8
80	11.2		8.2	12.2

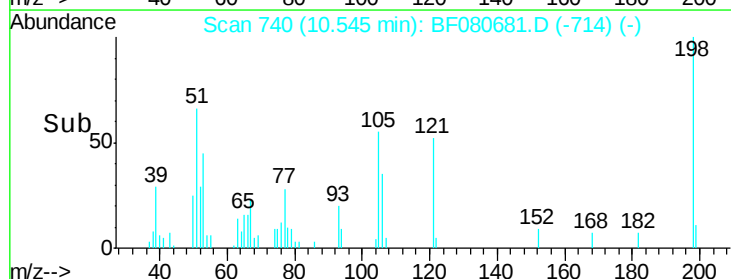
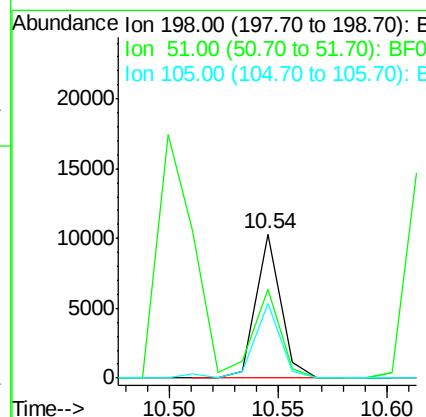
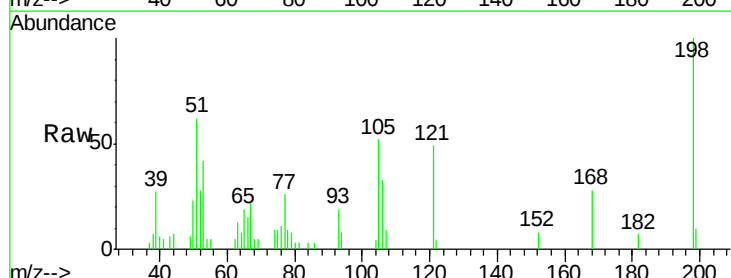
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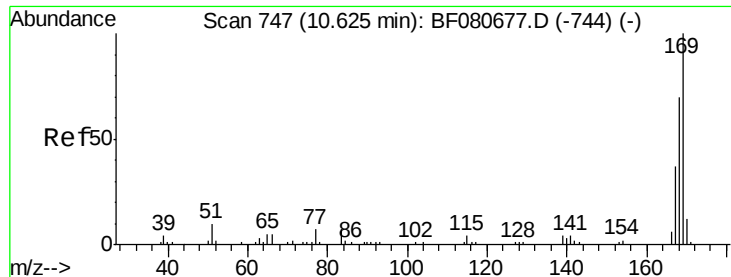
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.19 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	8155		
51	61.7		55.1	95.1
105	52.1		30.9	70.9





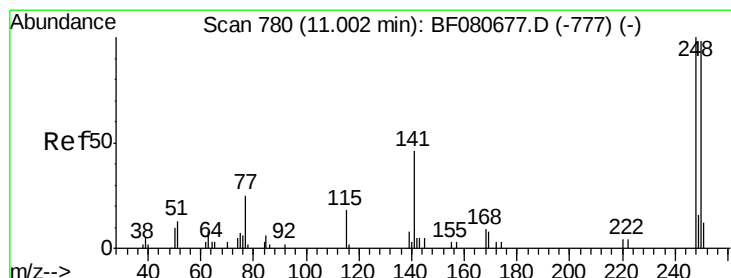
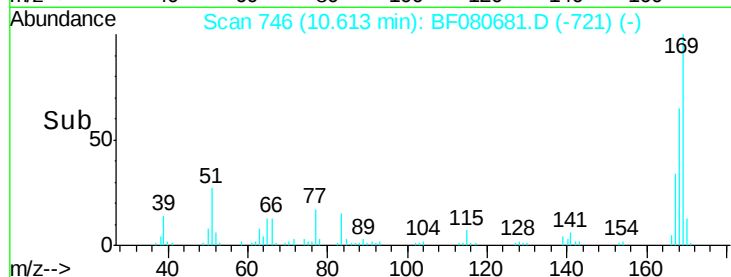
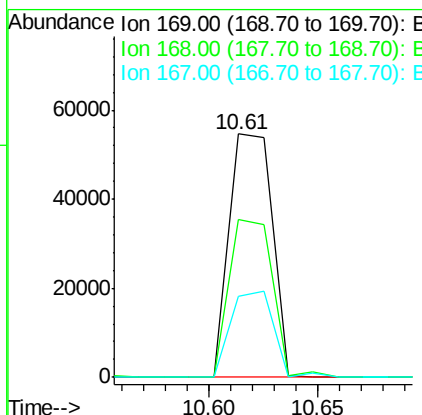
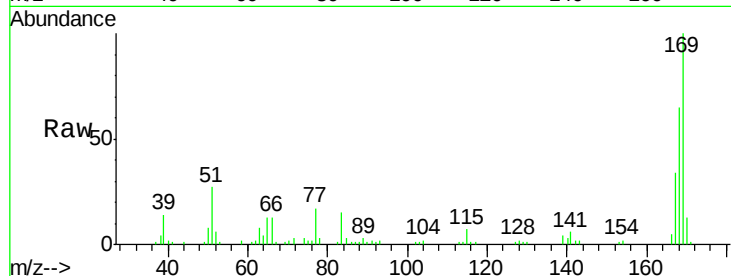
#65
 n-Nitrosodiphenylamine
 Concen: 41.31 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.6	56.2	84.2
167	33.5	29.3	43.9

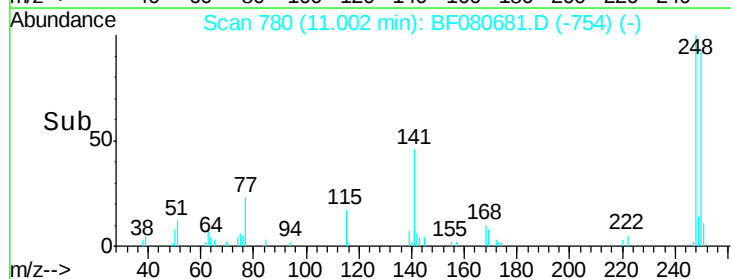
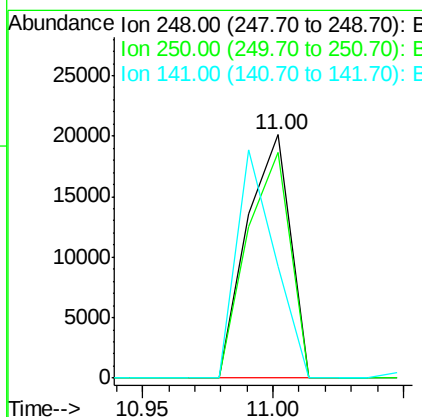
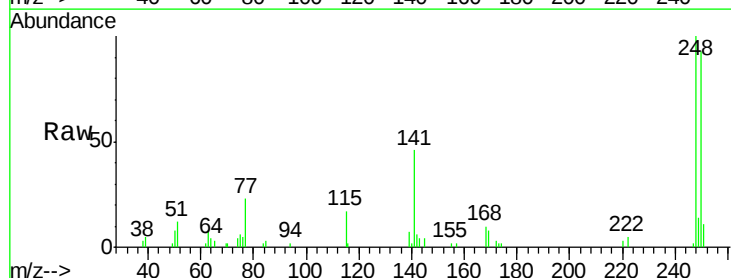
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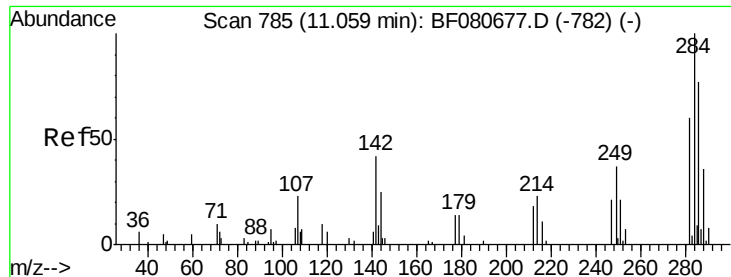
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#66
 4-Bromophenyl-phenylether
 Concen: 40.91 ng
 RT: 11.00 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.8	78.5	117.7
141	45.9	36.8	55.2





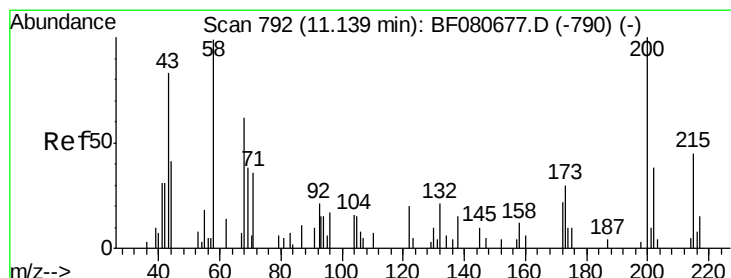
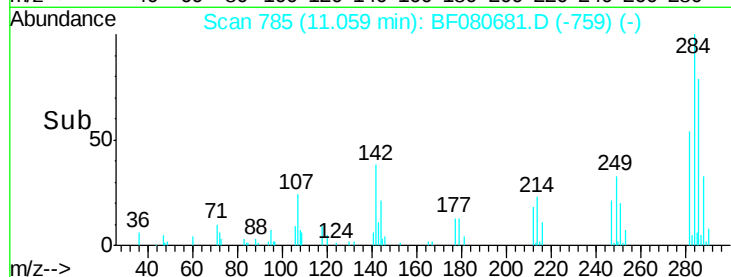
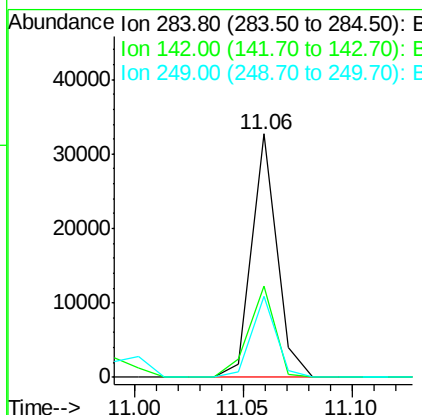
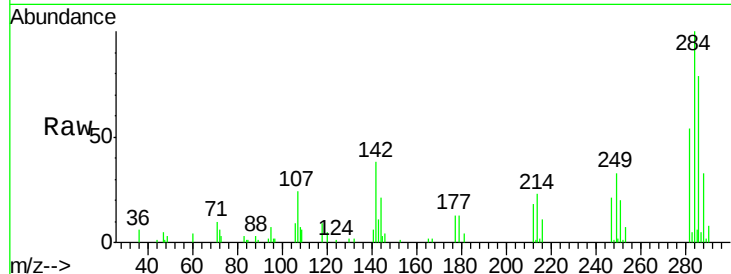
#67
Hexachlorobenzene
Concen: 39.62 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.5	34.0	51.0
249	33.1	29.4	44.0

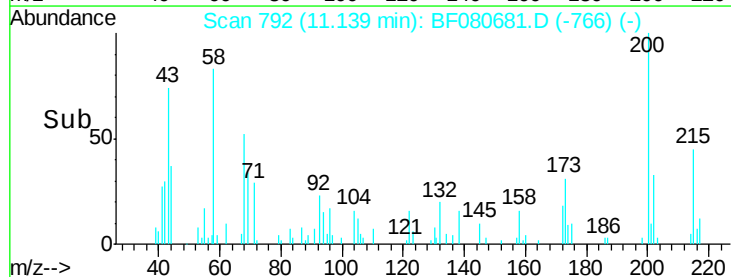
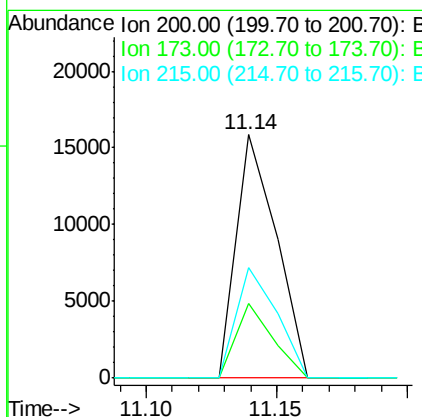
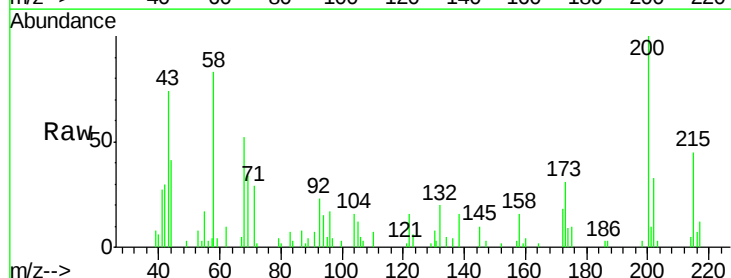
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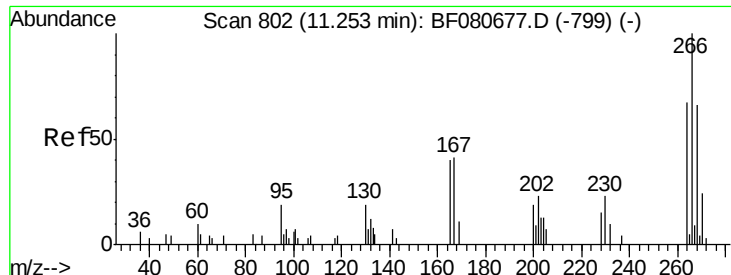
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#68
Atrazine
Concen: 48.74 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.9	9.7	49.7
215	45.4	24.7	64.7





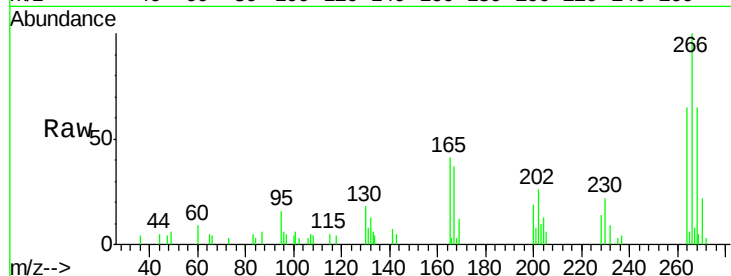
#69
 Pentachlorophenol
 Concen: 41.87 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

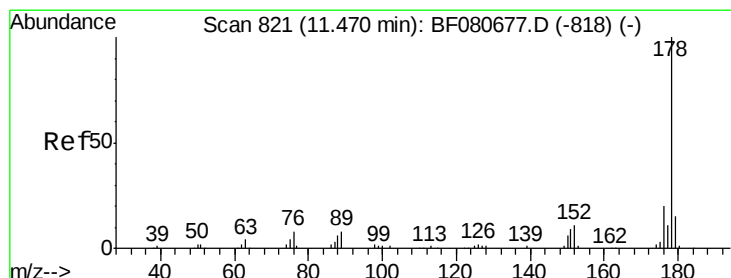
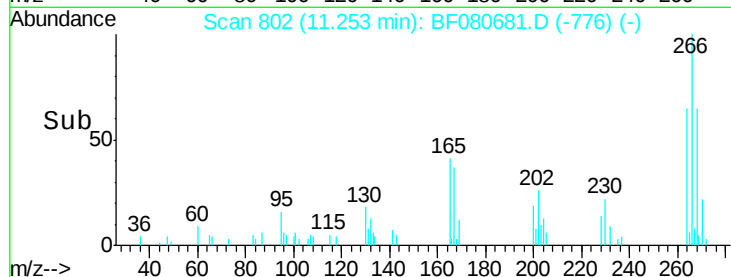
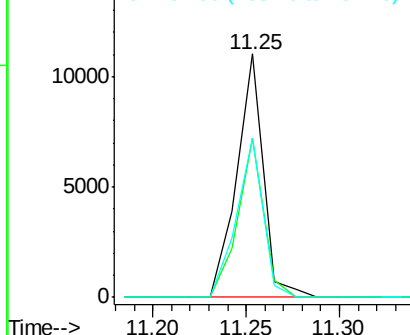
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.6	78.8
264	65.2	53.4	80.2

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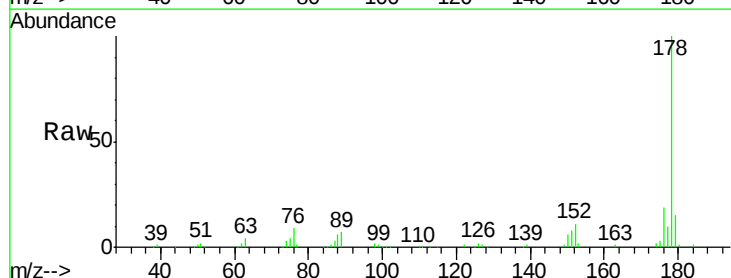


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

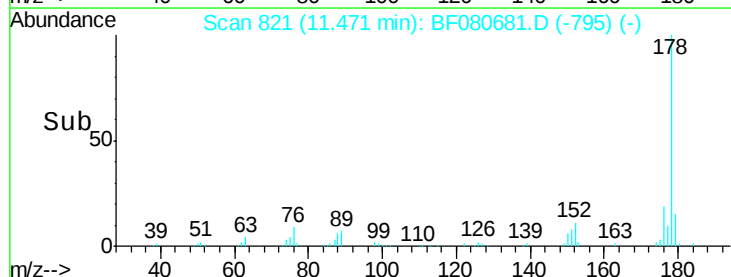
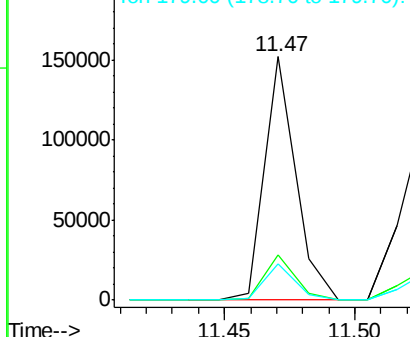


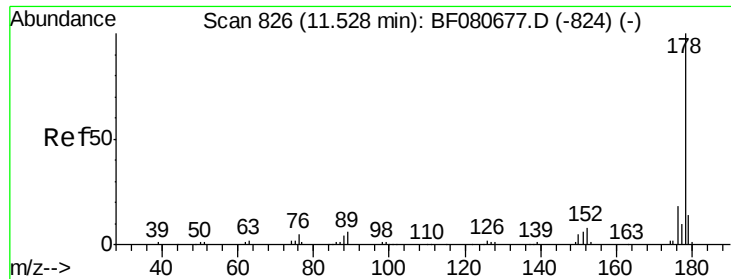
#70
 Phenanthrene
 Concen: 41.50 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.1	12.3	18.5



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





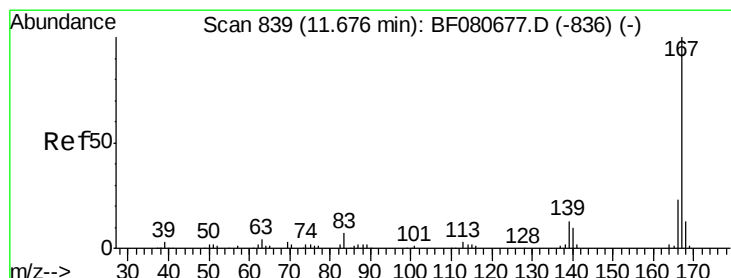
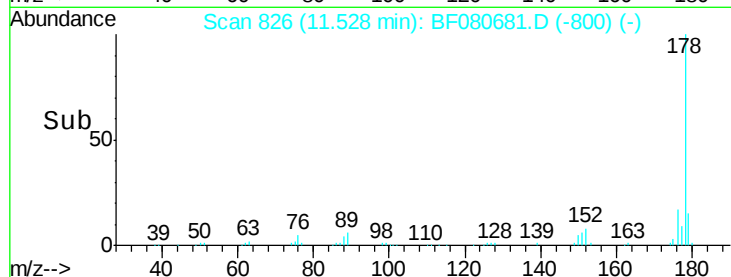
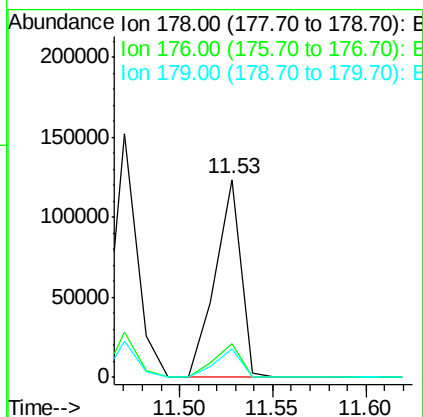
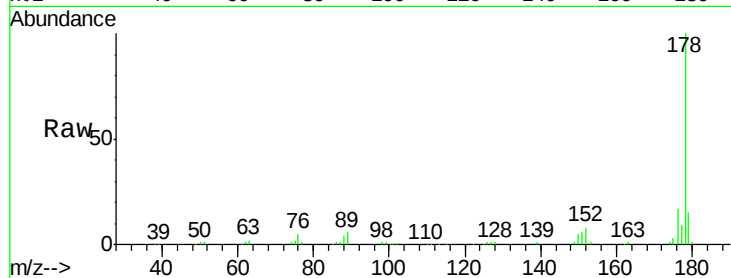
#71
 Anthracene
 Concen: 40.58 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.1	14.3	21.5
179	14.7	10.8	16.2

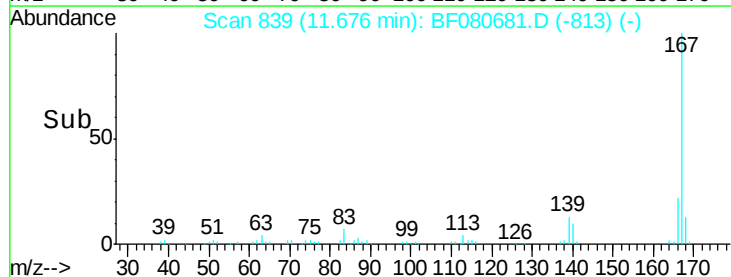
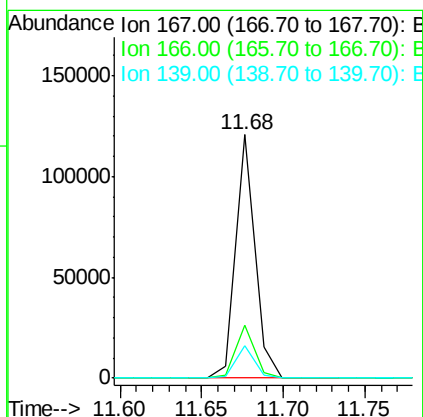
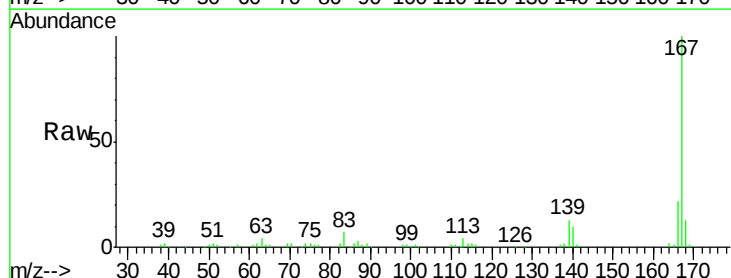
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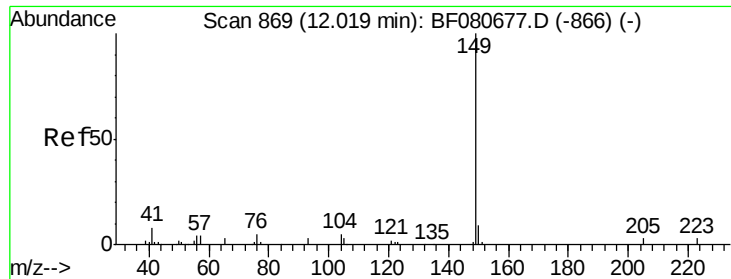
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#72
 Carbazole
 Concen: 39.73 ng
 RT: 11.68 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.1	10.1	15.1





#73

Di-n-butylphthalate

Concen: 45.87 ng

RT: 12.02 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

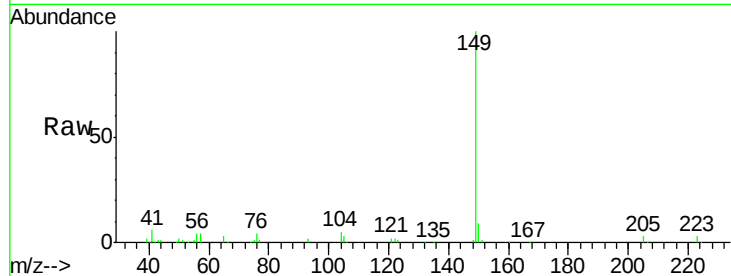
ClientSampleId :

ICVBF072715

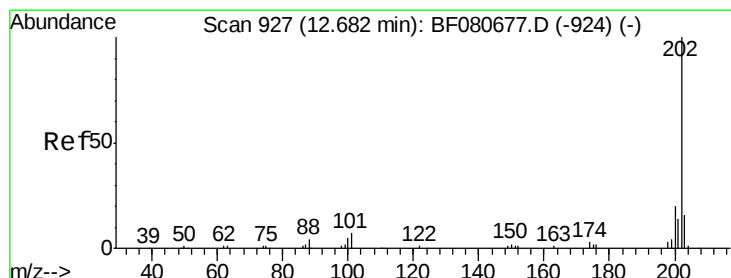
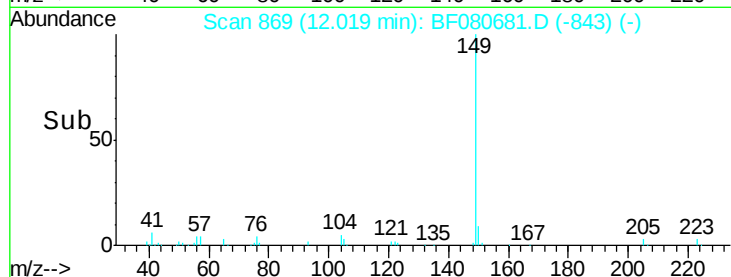
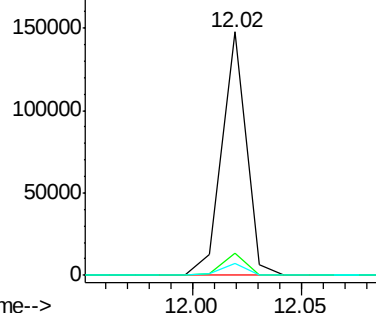
Tot Ion:	149	Resp:	114669
Ion Ratio	Lower	Upper	
149	100		
150	9.1	6.8	10.2
104	4.7	4.0	6.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.70 ng

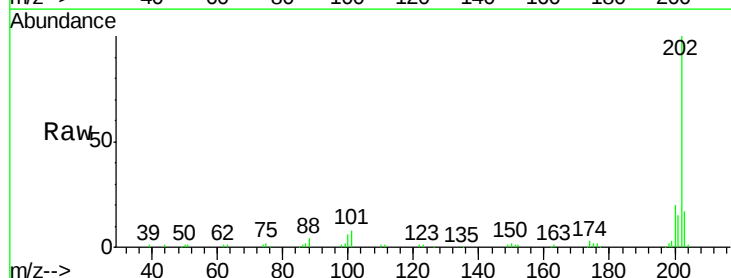
RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

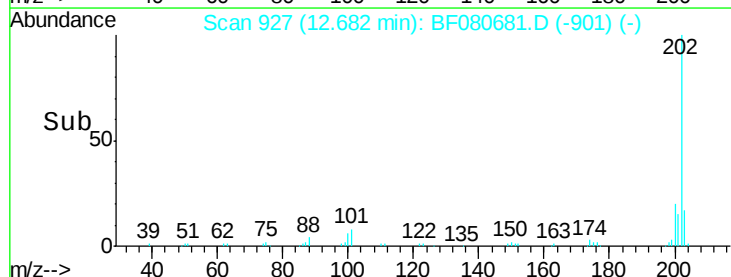
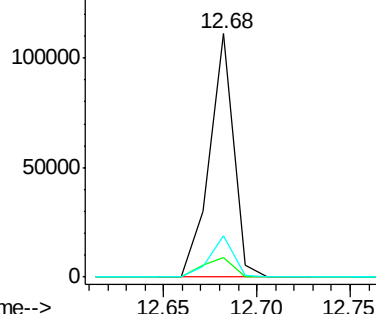
Lab File: BF080681.D

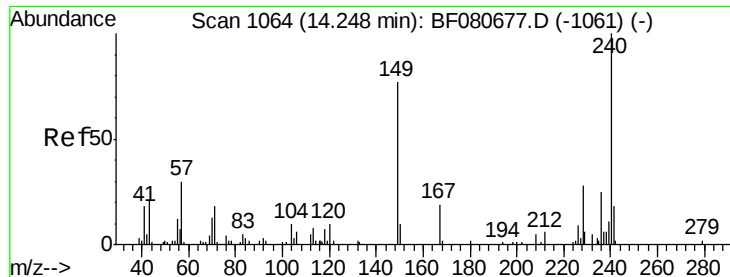
Acq: 27 Jul 2015 19:39

Tgt Ion:	202	Resp:	101175
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	27.3
203	17.0	0.0	36.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.25 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

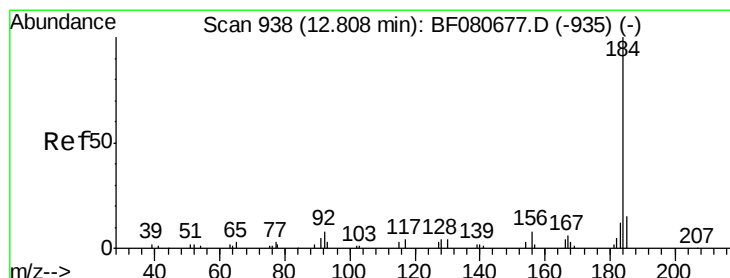
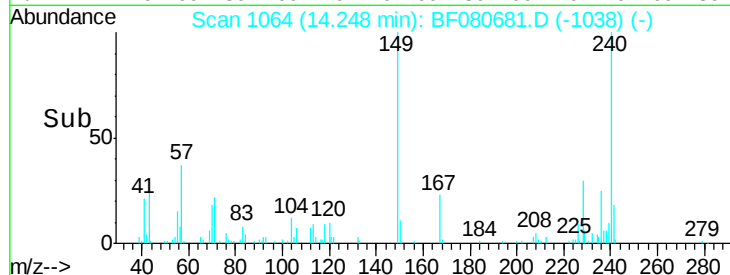
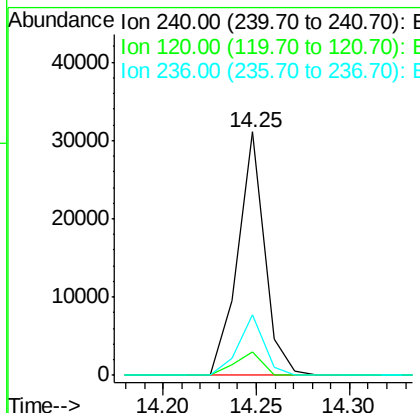
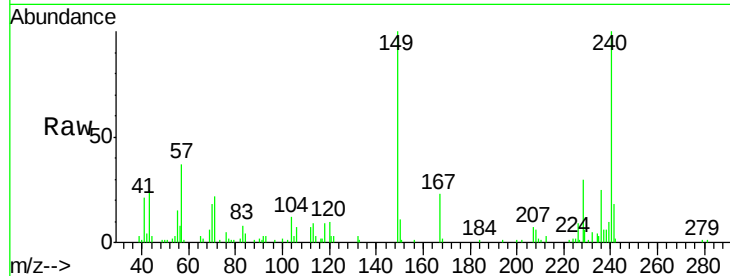
ClientSampleId :

ICVBF072715

Tot Ion:	240	Resp:	31468
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.0	12.0
236	25.1	20.0	30.0

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#76

Benzidine

Concen: 40.52 ng

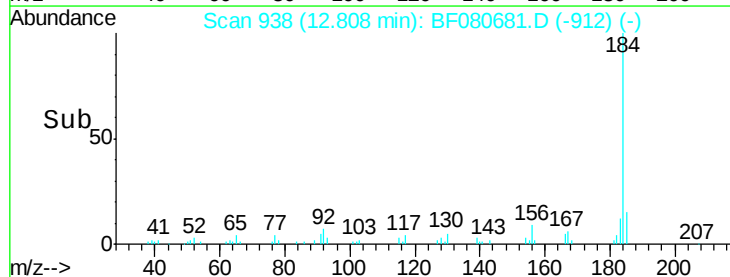
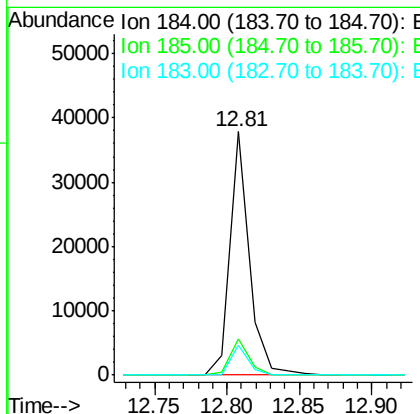
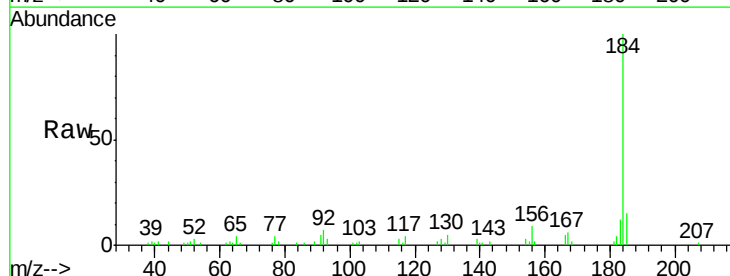
RT: 12.81 min Scan# 938

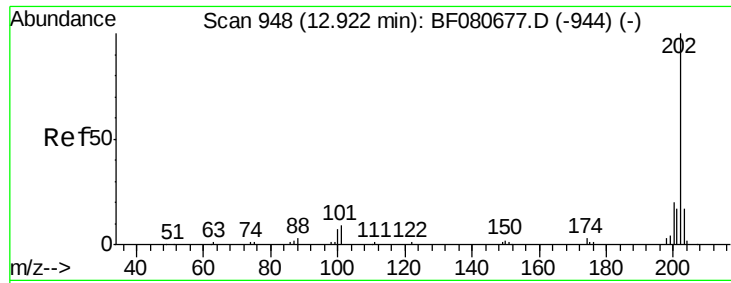
Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:	184	Resp:	35134
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.8	17.6
183	12.2	9.7	14.5





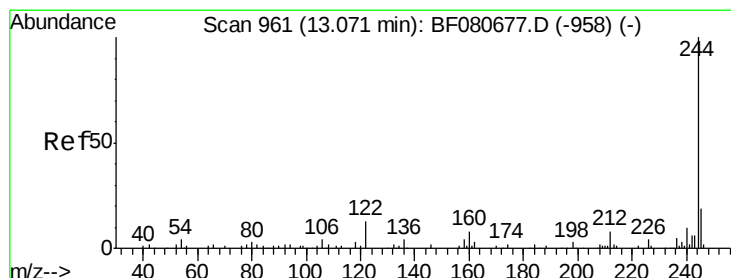
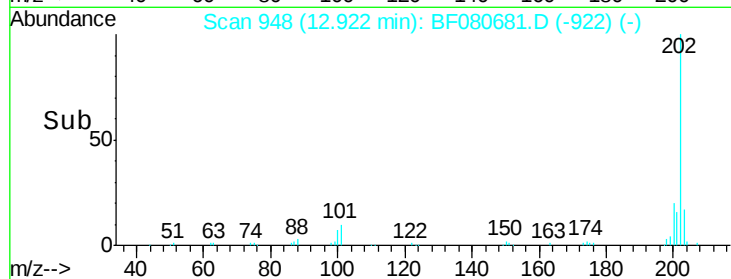
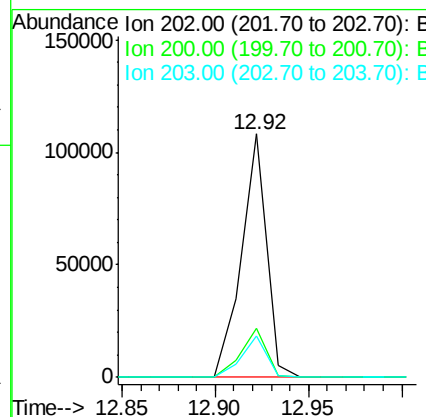
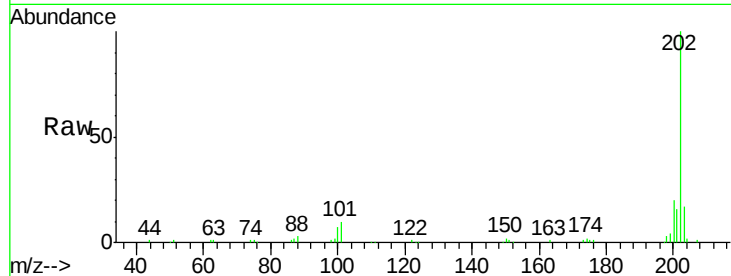
#77
Pvrene
Concen: 38.64 ng
RT: 12.92 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.9	16.3	24.5	
203	16.9	13.4	20.2	

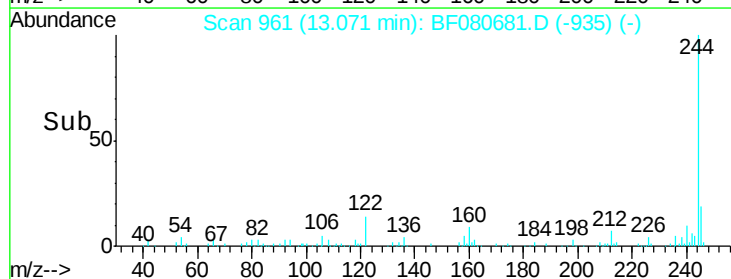
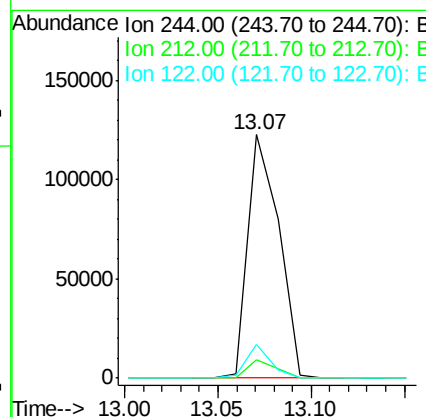
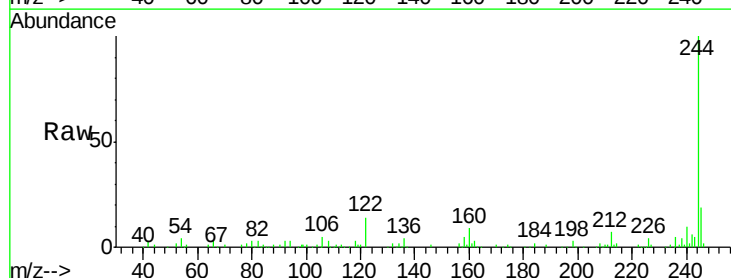
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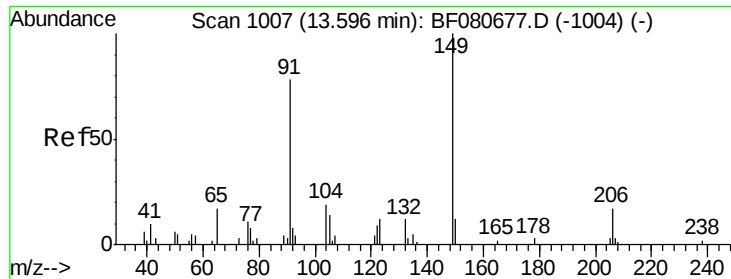
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#78
Terphenyl-d14
Concen: 76.99 ng
RT: 13.07 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	6.1	9.1	
122	13.9	10.2	15.2	





#79

Butylbenzylphthalate

Concen: 38.59 ng

RT: 13.61 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

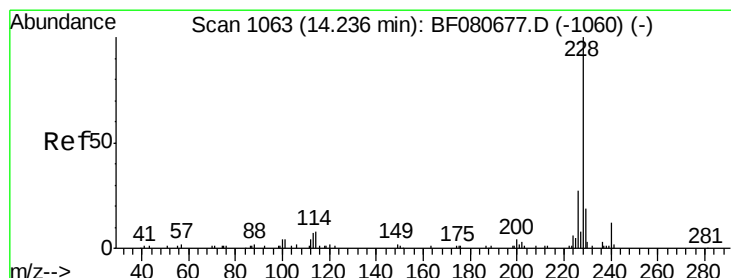
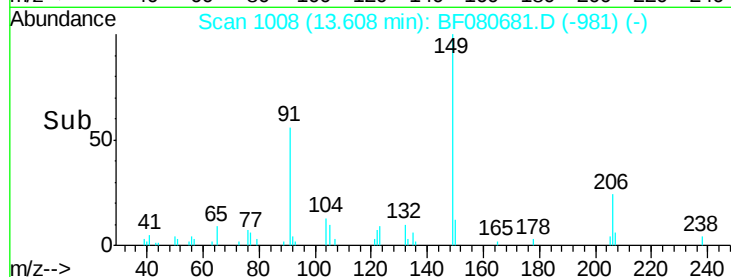
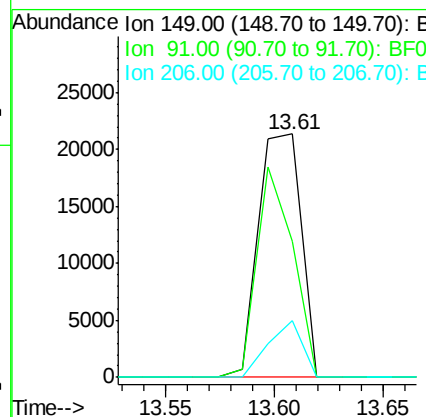
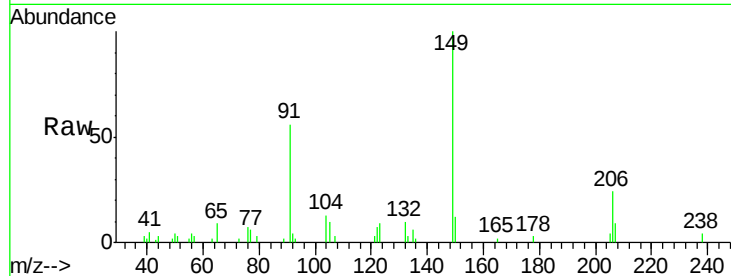
ClientSampleId :

ICVBF072715

Tot Ion:	149	Resp:	29461
Ion Ratio	Lower	Upper	
149	100		
91	55.8	62.6	93.8#
206	23.5	13.3	19.9#

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#80

Benzo(a)anthracene

Concen: 39.09 ng

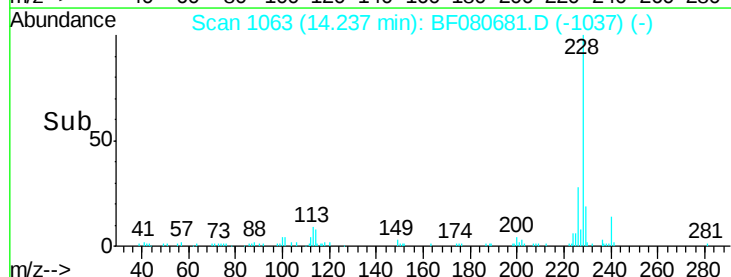
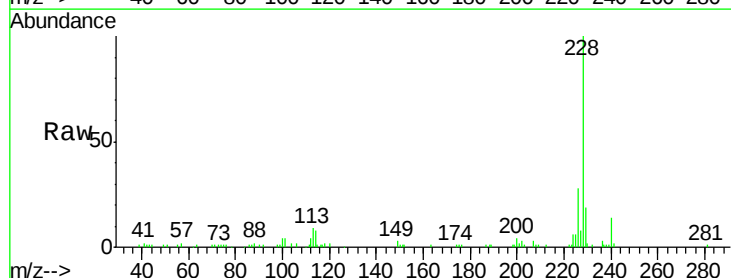
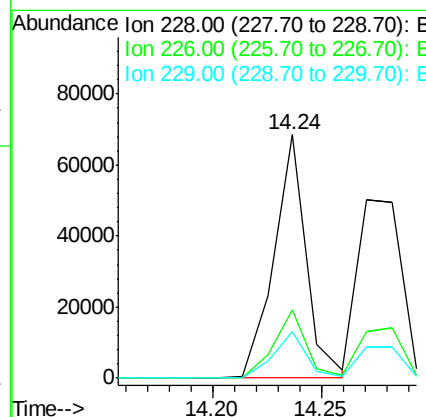
RT: 14.24 min Scan# 1063

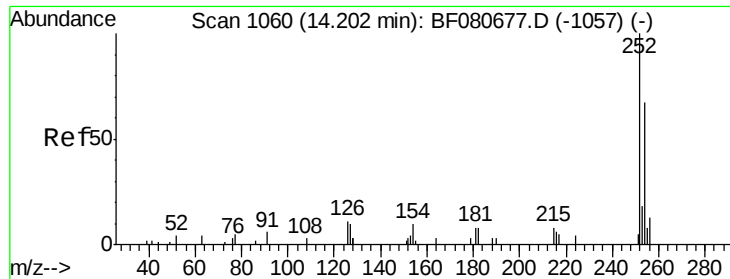
Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:	228	Resp:	71249
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.8	32.6
229	18.9	14.9	22.3





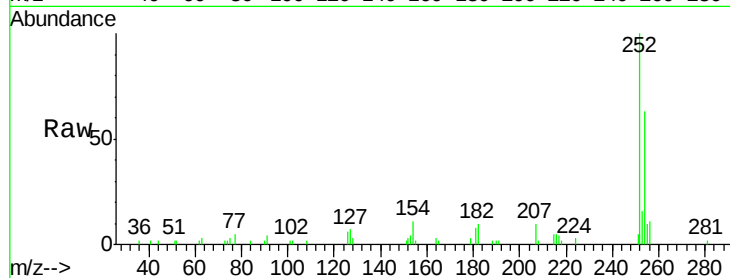
#81
 3,3'-Dichlorobenzidine
 Concen: 40.05 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

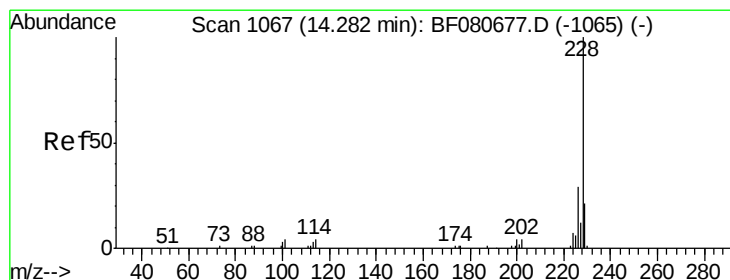
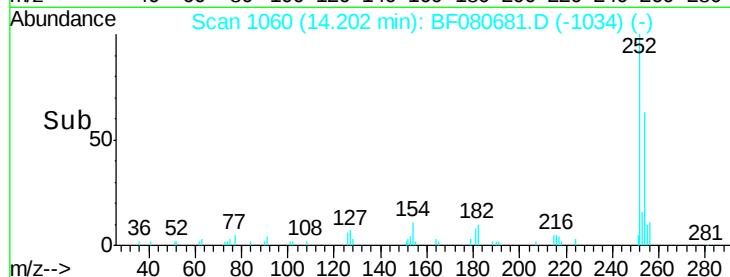
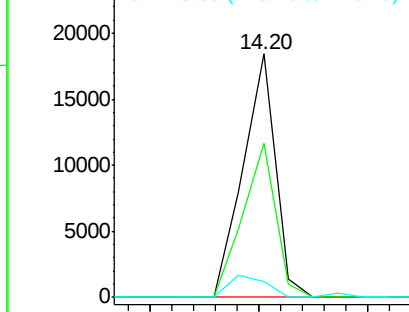
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	53.8	80.8
126	6.3	9.0	13.4

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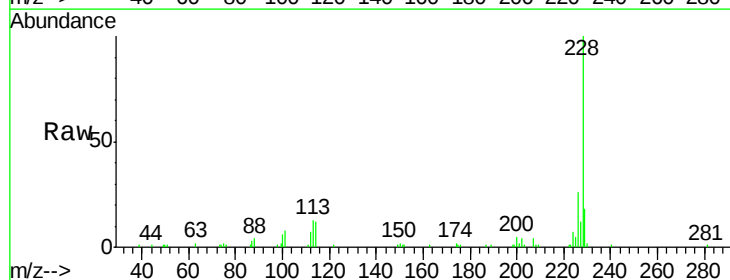


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

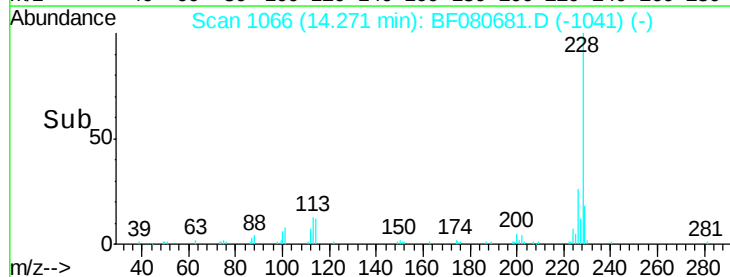
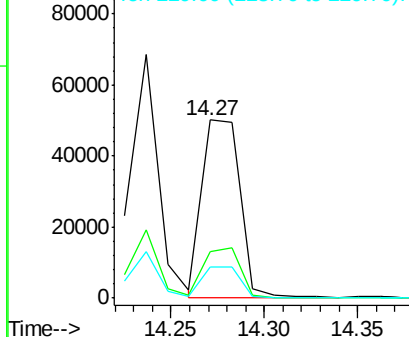


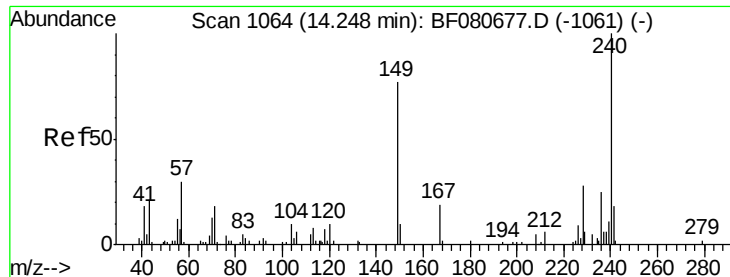
#82
 Chrysene
 Concen: 39.18 ng
 RT: 14.27 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.0	34.4
229	17.8	17.1	25.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.86 ng

RT: 14.25 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

Tot Ion:149 Resp: 36351

Ion Ratio Lower Upper

149 100

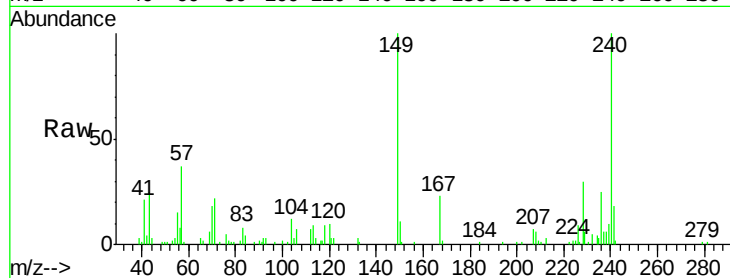
167 22.9 20.0 30.0

279 1.4 2.1 3.1#

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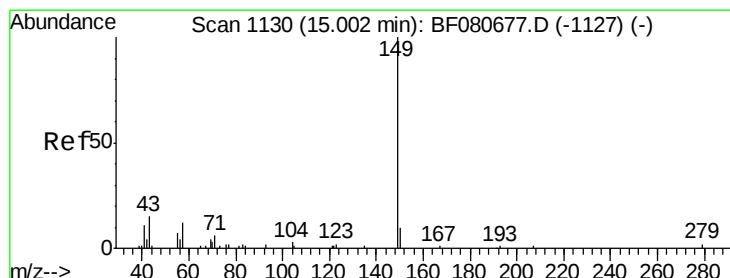
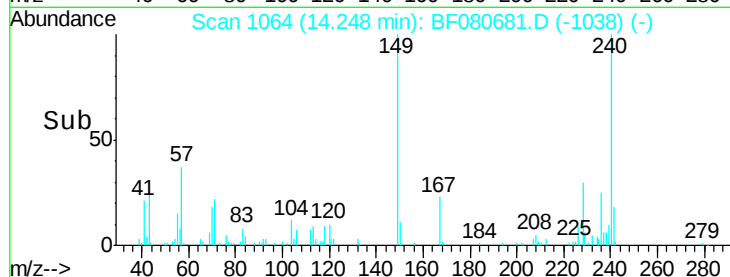
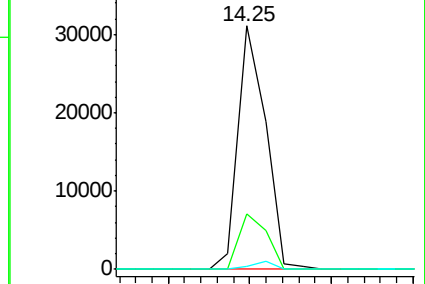
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.92 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:149 Resp: 41483

Ion Ratio Lower Upper

149 100

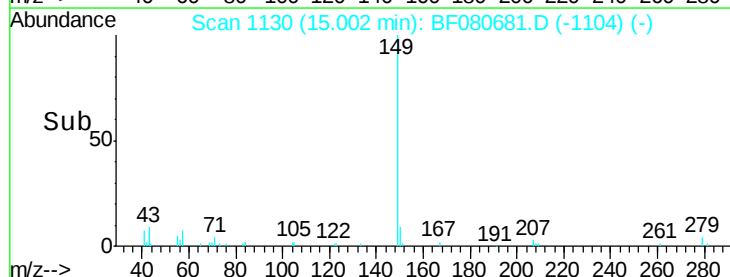
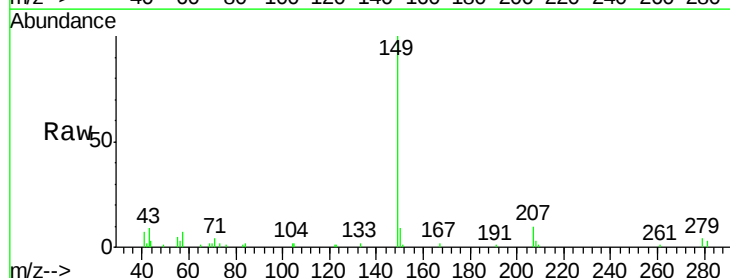
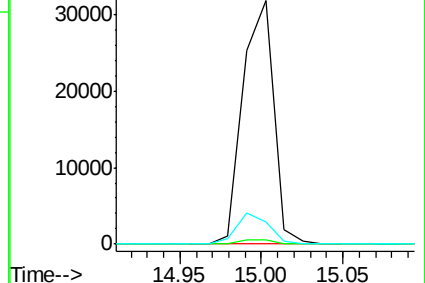
167 1.9 0.6 1.0#

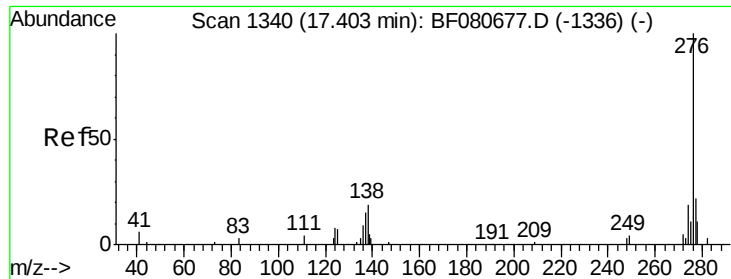
43 13.1 11.6 17.4

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: 39.04 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

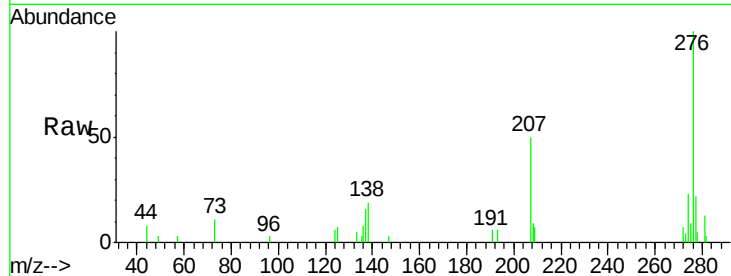
ClientSampleId :

ICVBF072715

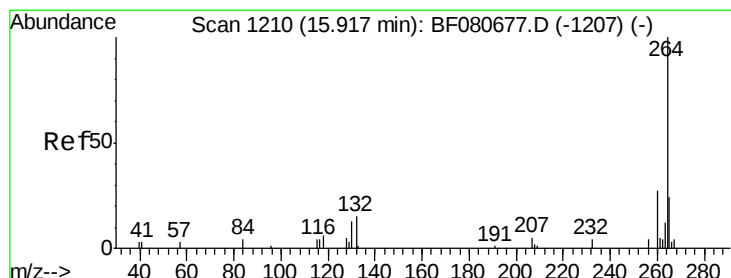
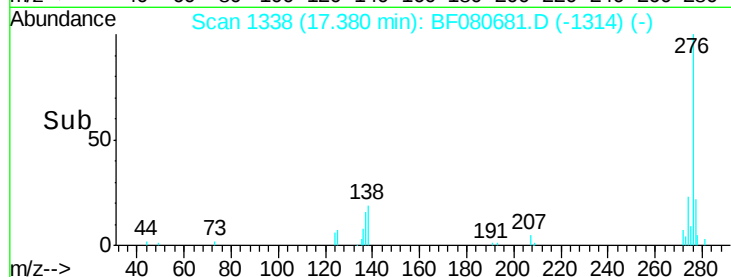
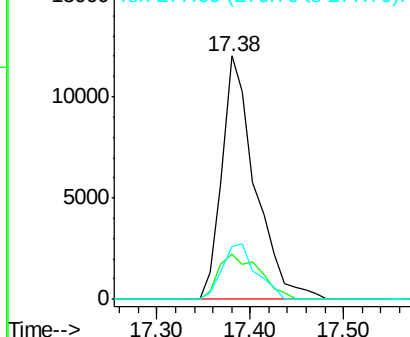
Tot Ion:	276	Resp:	29935
Ion Ratio	Lower	Upper	
276	100		
138	22.9	19.7	29.5
277	23.0	18.2	27.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

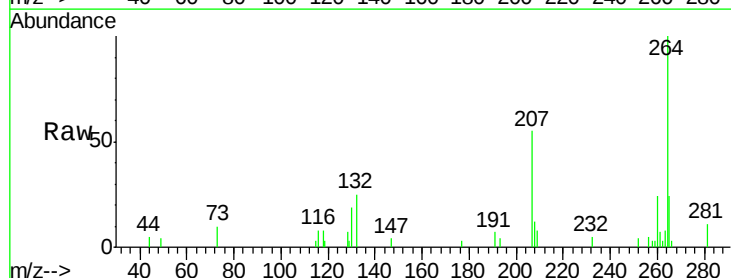
RT: 15.89 min Scan# 1208

Delta R.T. -0.02 min

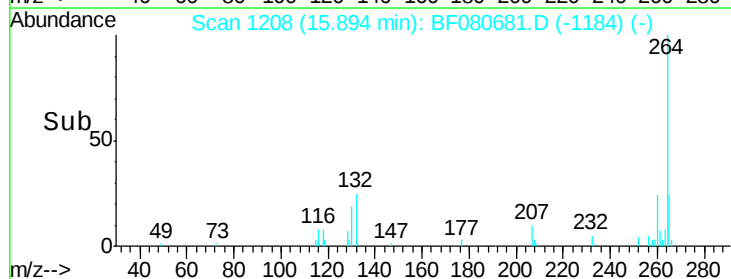
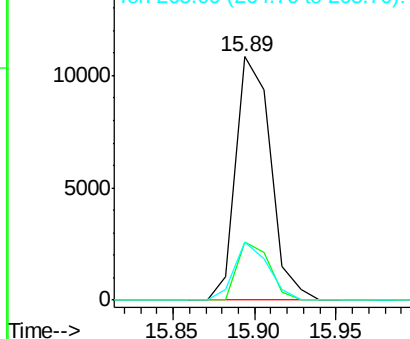
Lab File: BF080681.D

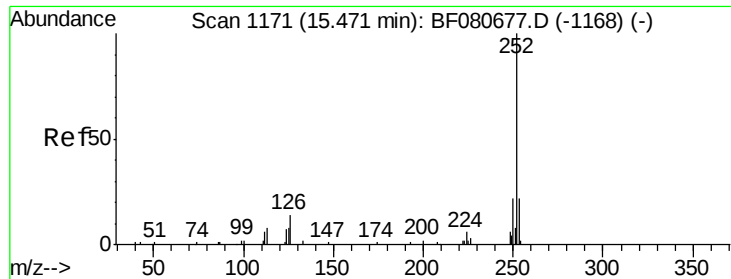
Acq: 27 Jul 2015 19:39

Tgt Ion:	264	Resp:	15953
Ion Ratio	Lower	Upper	
264	100		
260	23.7	21.6	32.4
265	23.8	19.3	28.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.96 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

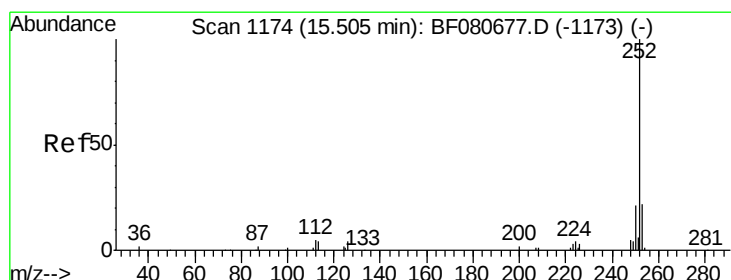
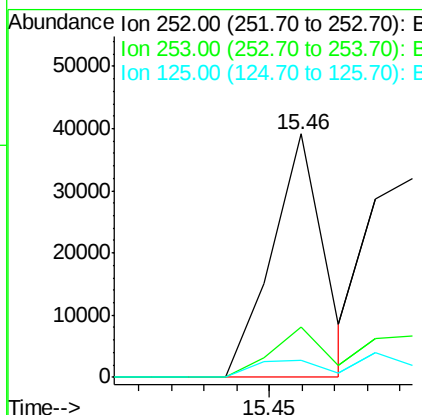
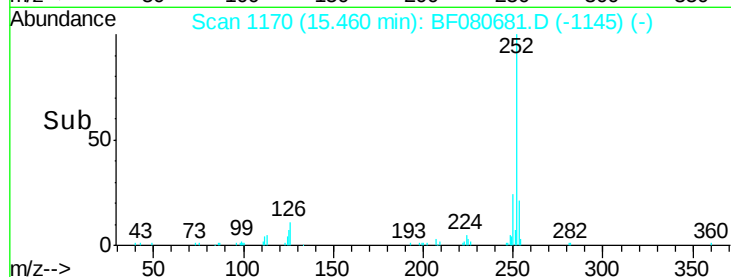
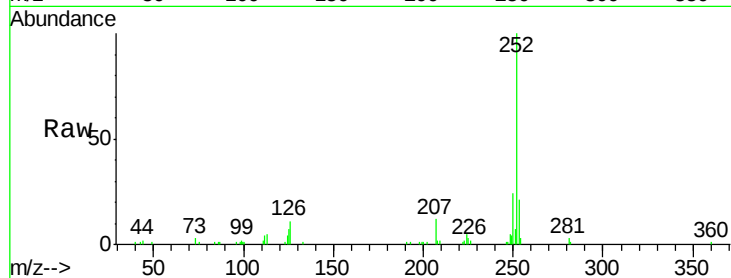
ClientSampleId :

ICVBF072715

Tot Ion:	252	Resp:	42935
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.8	26.8
125	7.1	6.7	10.1

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#88

Benzo(k)fluoranthene

Concen: 43.36 ng m

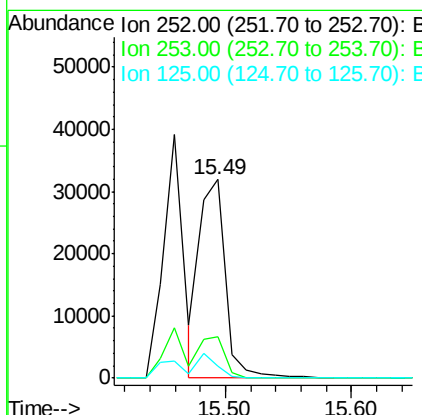
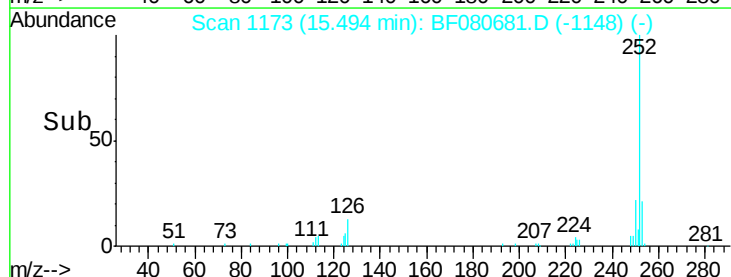
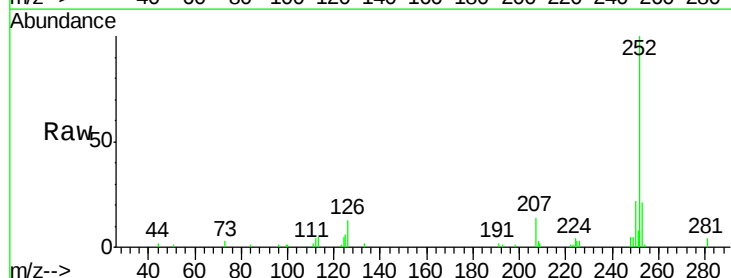
RT: 15.49 min Scan# 1173

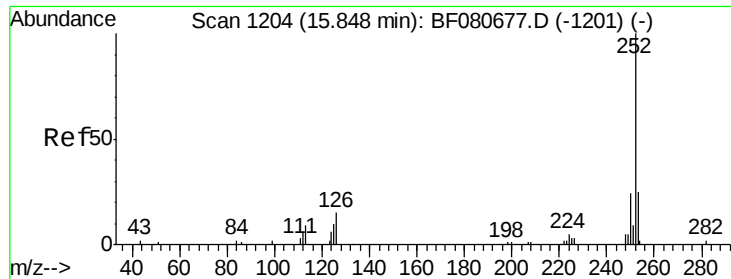
Delta R.T. -0.01 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:	252	Resp:	46181
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.8	26.6
125	5.9	6.7	10.1#





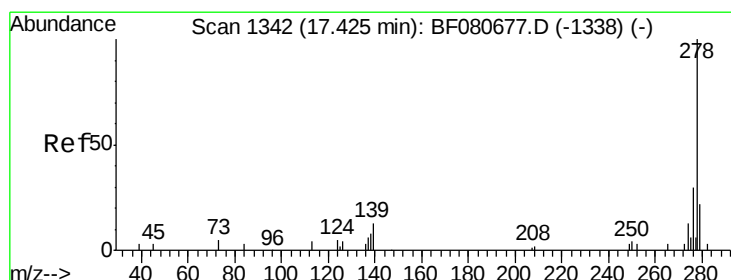
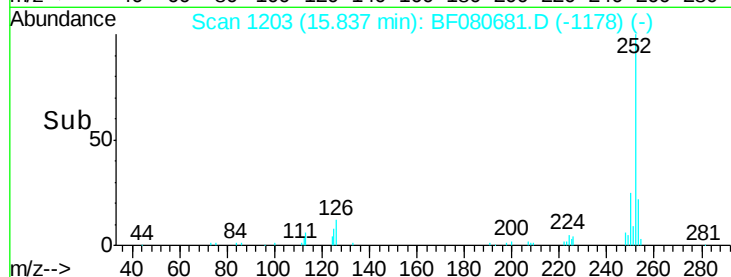
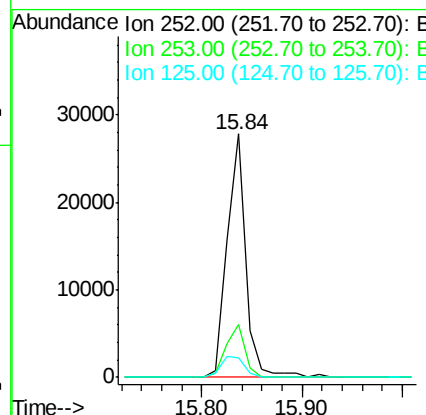
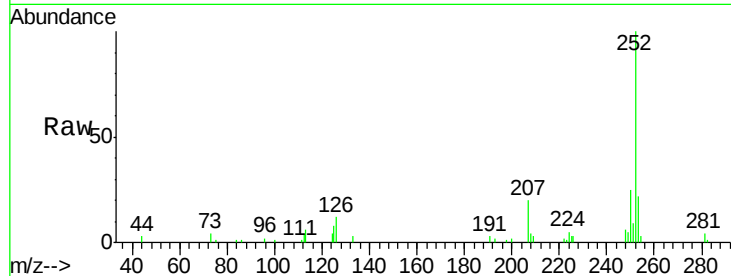
#89
Benzo(a)pyrene
Concen: 40.47 ng
RT: 15.84 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.2	30.2
125	8.2	8.4	12.6

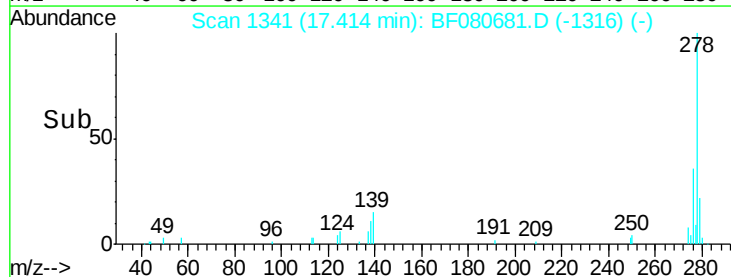
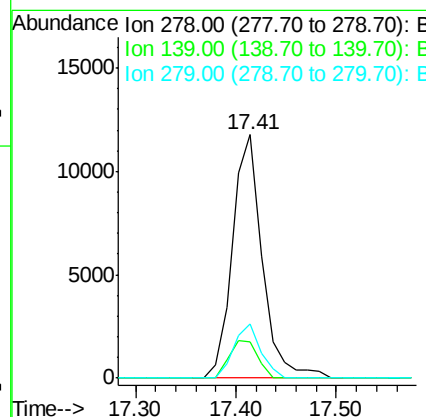
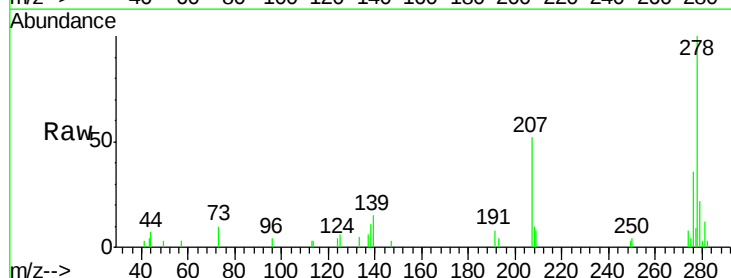
Manual Integrations
APPROVED

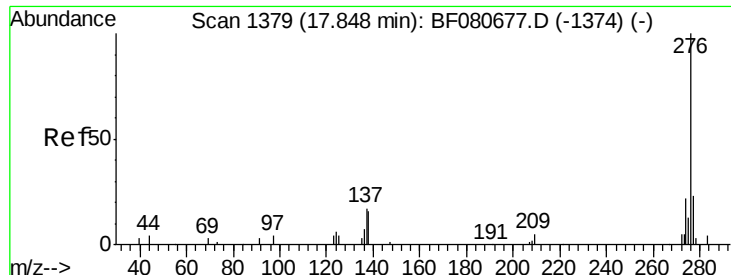
apatel
7/29/2015 10:40:16 AM



#90
Dibenzo(a,h)anthracene
Concen: 39.75 ng
RT: 17.41 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	10.3	15.5
279	22.3	17.4	26.0





#91
 Benzo(a,h,i)perylene
 Concen: 39.13 ng
 RT: 17.83 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tot Ion:	276	Resp:	23151
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.7	28.1
138	18.2	12.7	19.1

Manual Integrations
 APPROVED

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 7/29/2015 10:40:16 AM

