

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021915\
 Data File : BF077377.D
 Acq On : 19 Feb 2015 16:11
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Manual Integrations
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 2/20/2015 2:04:33 PM

Quant Time: Feb 19 17:12:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 19 16:57:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	69185	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	286536	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	162153	20.00	ng	-0.01
63) Phenanthrene-d10	12.93	188	301366	20.00	ng	0.00
75) Chrysene-d12	16.23	240	333326	20.00	ng	0.00
86) Perylene-d12	17.96	264	325399	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	333045	80.36	ng	0.00
7) Phenol-d6	6.88	99	415010	77.89	ng	0.00
23) Nitrobenzene-d5	8.02	82	372240	80.78	ng	-0.01
41) 2,4,6-Tribromophenol	12.07	330	127676	81.77	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	874373	84.08	ng	0.00
78) Terphenyl-d14	14.93	244	1185482	83.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	70032	39.82	ng	96
3) Pyridine	3.04	79	207997	41.34	ng	96
4) n-Nitrosodimethylamine	2.96	42	86397	39.50	ng	98
6) Aniline	6.92	93	306994	41.69	ng	97
8) 2-Chlorophenol	7.06	128	194394	39.76	ng	98
9) Benzaldehyde	6.78	77	103609	32.03	ng	97
10) Phenol	6.90	94	257949	40.80	ng	96
11) bis(2-Chloroethyl)ether	7.01	93	174467	38.40	ng	84
12) 1,3-Dichlorobenzene	7.25	146	215544	40.49	ng	99
13) 1,4-Dichlorobenzene	7.36	146	226067	41.74	ng	99
14) 1,2-Dichlorobenzene	7.54	146	213467	41.44	ng	99
15) Benzyl Alcohol	7.50	79	158046	39.02	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.69	45	257264	39.61	ng	96
17) 2-Methylphenol	7.65	107	162420	42.50	ng	98
18) Hexachloroethane	7.96	117	71894	39.75	ng	95
19) n-Nitroso-di-n-propylamine	7.85	70	145919	43.12	ng	96
20) 3+4-Methylphenols	7.84	107	210561	41.84	ng	# 63
22) Acetophenone	7.84	105	262303	38.92	ng	# 99
24) Nitrobenzene	8.04	77	193462	39.91	ng	# 79
25) Isophorone	8.35	82	377178	41.26	ng	98
26) 2-Nitrophenol	8.44	139	81210	40.87	ng	97
27) 2,4-Dimethylphenol	8.50	122	176790	39.77	ng	100
28) bis(2-Chloroethoxy)methane	8.62	93	235322	40.75	ng	99
29) 2,4-Dichlorophenol	8.73	162	161640	38.73	ng	88
30) 1,2,4-Trichlorobenzene	8.84	180	187576	40.89	ng	100
31) Naphthalene	8.93	128	602938	42.08	ng	100
32) Benzoic acid	8.59	122	95564	44.24	ng	94
33) 4-Chloroaniline	9.00	127	247612	38.87	ng	# 87
34) Hexachlorobutadiene	9.09	225	112528	42.96	ng	99
35) Caprolactam	9.42	113	55262	43.38	ng	96
36) 4-Chloro-3-methylphenol	9.61	107	179512	42.79	ng	97
37) 2-Methylnaphthalene	9.80	142	413614	40.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	181350	38.98	ng	99
40) Hexachlorocyclopentadiene	9.98	237	91772	36.79	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	131955	42.83	nq	99
43) 2,4,5-Trichlorophenol	10.19	196	139369	42.30	nq	97
45) 1,1'-Biphenyl	10.38	154	495830	40.36	nq	99
46) 2-Chloronaphthalene	10.40	162	394415	40.94	nq	99
47) 2-Nitroaniline	10.52	65	100040	42.18	nq	96
48) Acenaphthylene	10.91	152	672682	44.10	nq	100
49) Dimethylphthalate	10.76	163	458637	40.24	nq	99
50) 2,6-Dinitrotoluene	10.83	165	97731	42.76	nq	# 40
51) Acenaphthene	11.13	154	400803	44.04	nq	99
52) 3-Nitroaniline	11.04	138	121323	46.04	nq	94
53) 2,4-Dinitrophenol	11.16	184	26285	37.79	nq	# 53
54) Dibenzofuran	11.35	168	591409	42.08	nq	98
55) 4-Nitrophenol	11.23	139	87522	41.29	nq	# 57
56) 2,4-Dinitrotoluene	11.33	165	136187	44.09	nq	97
57) Fluorene	11.77	166	485838	43.24	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	117308	44.29	nq	98
59) Diethylphthalate	11.64	149	462241	41.14	nq	100
60) 4-Chlorophenyl-phenylether	11.78	204	225494	41.65	nq	96
61) 4-Nitroaniline	11.79	138	117332	46.45	nq	98
62) Azobenzene	11.97	77	464127	43.53	nq	98
64) 4,6-Dinitro-2-methylphenol	11.83	198	43457	37.06	nq	# 31
65) n-Nitrosodiphenylamine	11.93	169	421336	42.14	nq	98
66) 4-Bromophenyl-phenylether	12.39	248	144114	40.84	nq	96
67) Hexachlorobenzene	12.44	284	155328	41.01	nq	95
68) Atrazine	12.59	200	113798	35.01	nq	99
69) Pentachlorophenol	12.69	266	87018	43.71	nq	99
70) Phenanthrene	12.96	178	731233	41.86	nq	99
71) Anthracene	13.03	178	727106	41.95	nq	100
72) Carbazole	13.23	167	700901	42.53	nq	100
73) Di-n-butylphthalate	13.68	149	805178	41.60	nq	100
74) Fluoranthene	14.44	202	846714	44.38	nq	99
76) Benzidine	14.61	184	369210	32.78	nq	98
77) Pyrene	14.72	202	846895	41.54	nq	99
79) Butylbenzylphthalate	15.55	149	358162	42.70	nq	96
80) Benzo(a)anthracene	16.21	228	822925	42.12	nq	99
81) 3,3'-Dichlorobenzidine	16.19	252	272860	38.12	nq	99
82) Chrysene	16.26	228	765910	41.75	nq	99
83) Bis(2-ethylhexyl)phthalate	16.27	149	556457	41.37	nq	99
84) Di-n-octyl phthalate	17.06	149	949046	42.26	nq	99
85) Indeno(1,2,3-cd)pyrene	19.47	276	951266m	45.48	nq	
87) Benzo(b)fluoranthene	17.52	252	780343	41.24	nq	# 97
88) Benzo(k)fluoranthene	17.55	252	820934m	44.27	nq	
89) Benzo(a)pyrene	17.91	252	756744	41.99	nq	98
90) Dibenzo(a,h)anthracene	19.49	278	753640	43.85	nq	99
91) Benzo(g,h,i)perylene	19.91	276	748835	43.17	nq	99

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

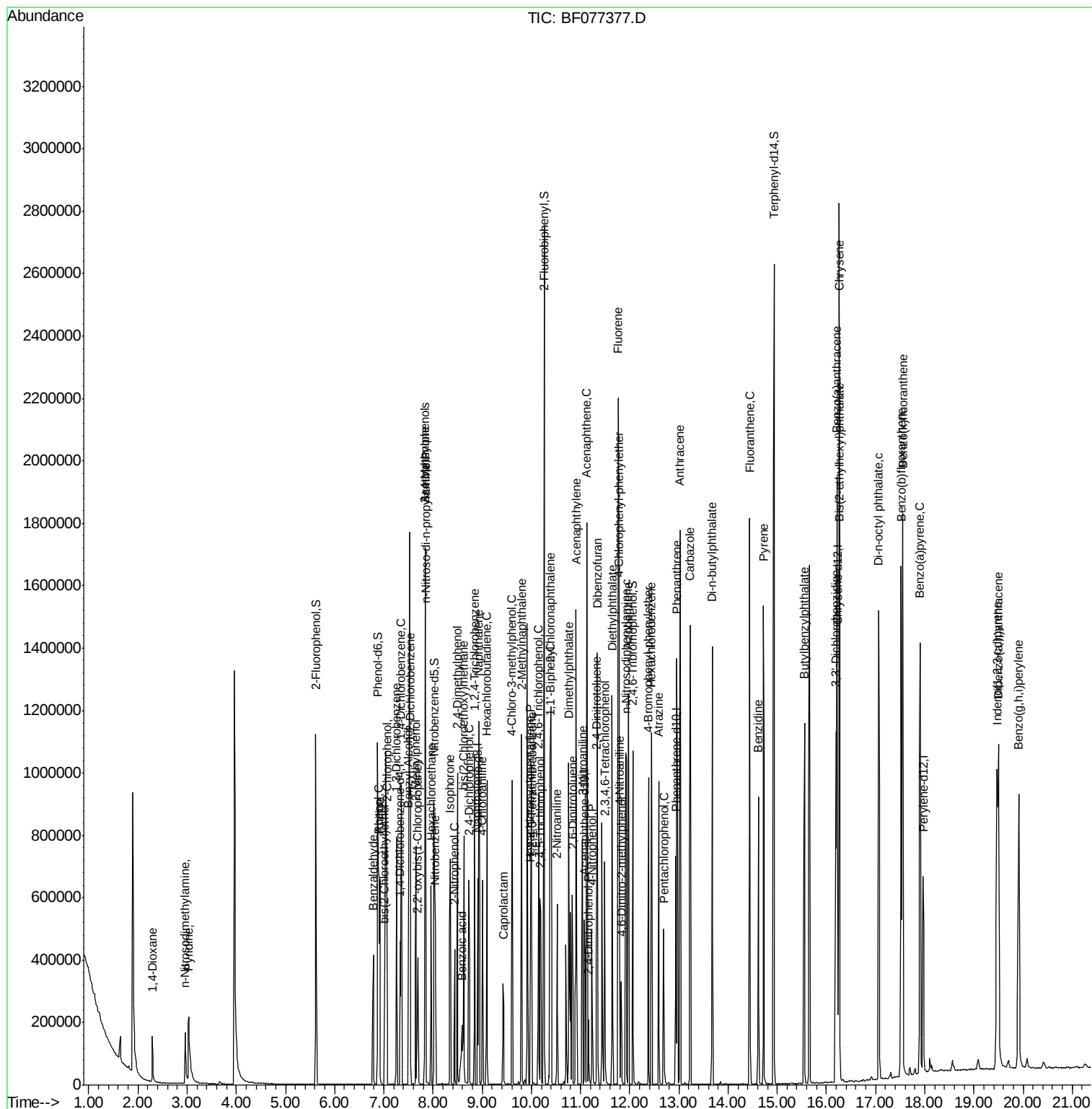
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Data File : BF077377.D  
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Operator  : TP/IZ  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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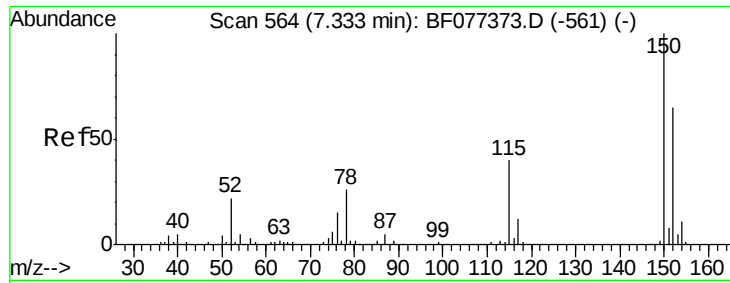
Instrument :
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ClientSampleId :
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#1

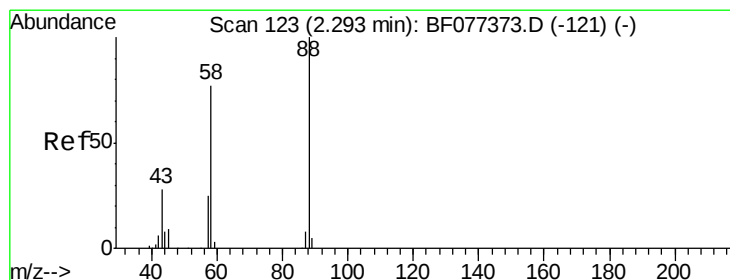
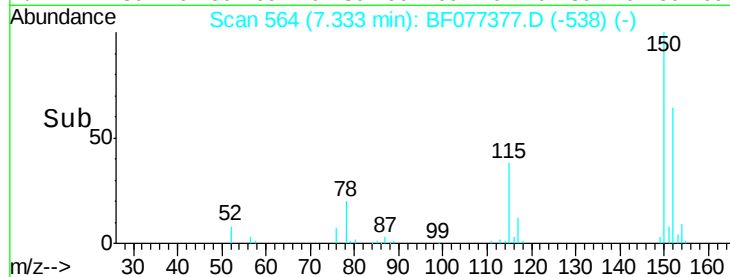
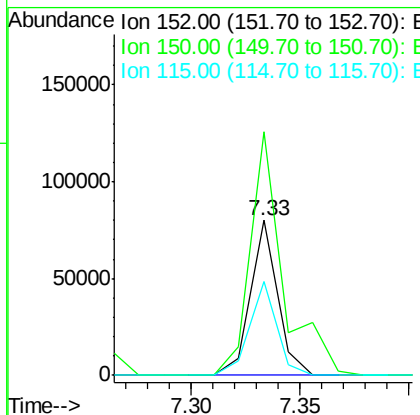
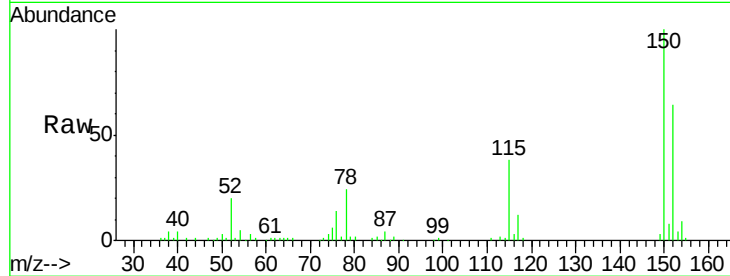
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.0	186.0
115	60.3	49.4	74.2

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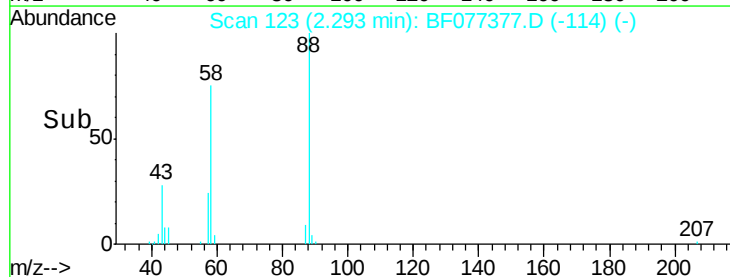
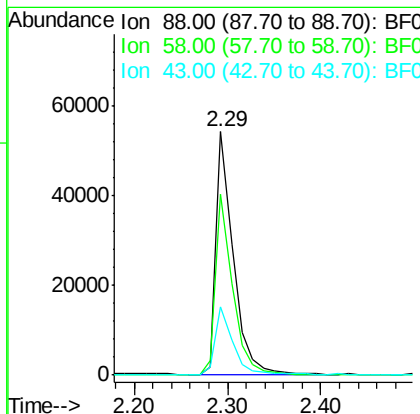
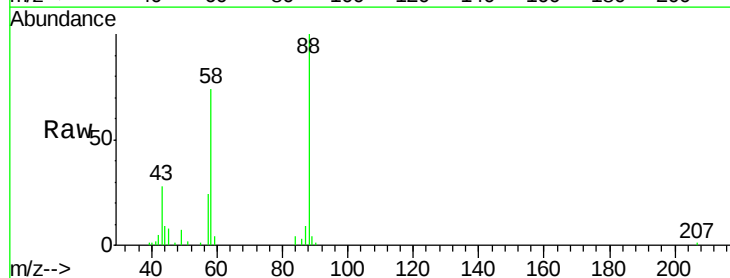
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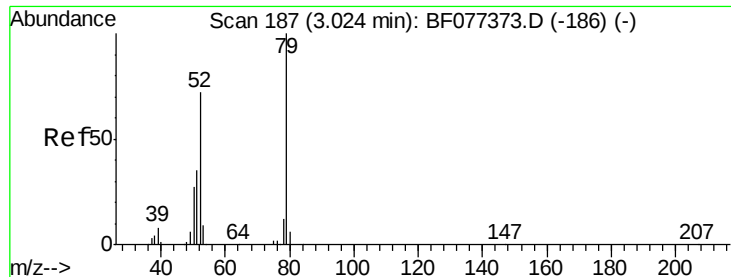


#2

1,4-Dioxane
Concen: 39.82 ng
RT: 2.29 min Scan# 123
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	62.1	93.1
43	29.5	24.0	36.0





#3

Pvridine

Concen: 41.34 ng

RT: 3.04 min Scan# 188

Delta R.T. 0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

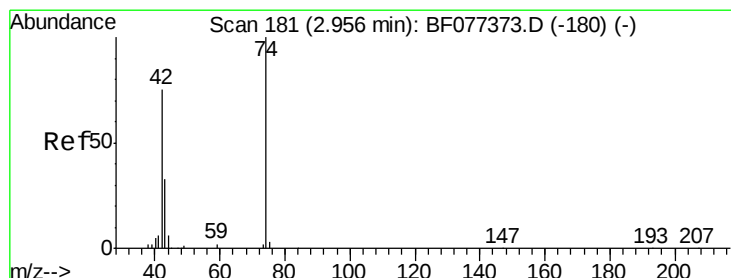
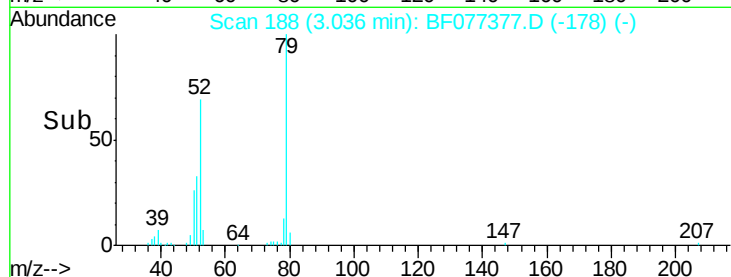
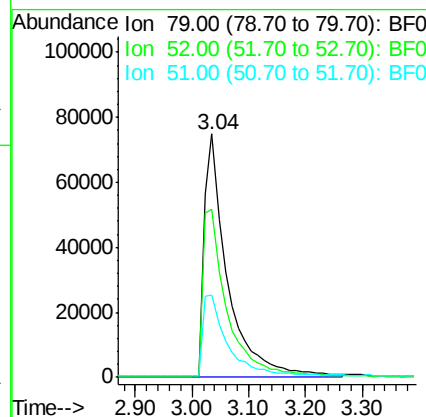
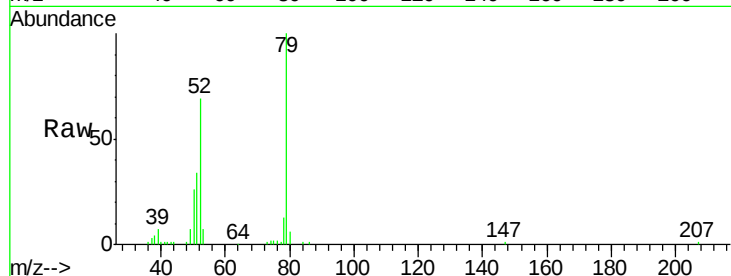
ClientSampleId :

ICVBF021915

Tot Ion:	79	Resp:	207997
Ion Ratio	Lower	Upper	
79	100		
52	69.0	57.7	86.5
51	33.7	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 39.50 ng

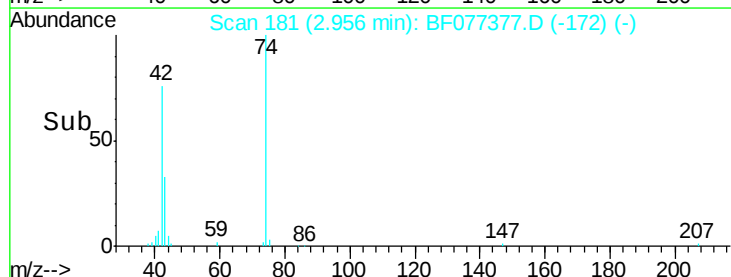
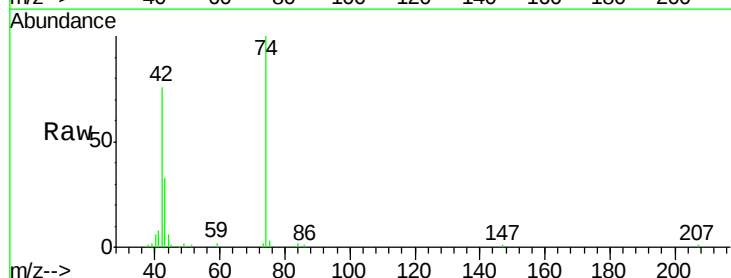
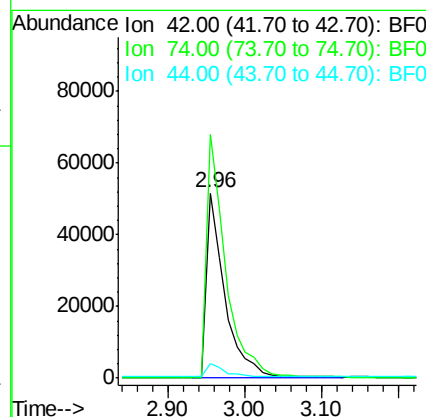
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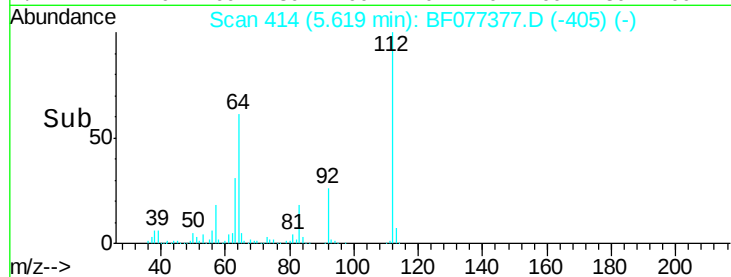
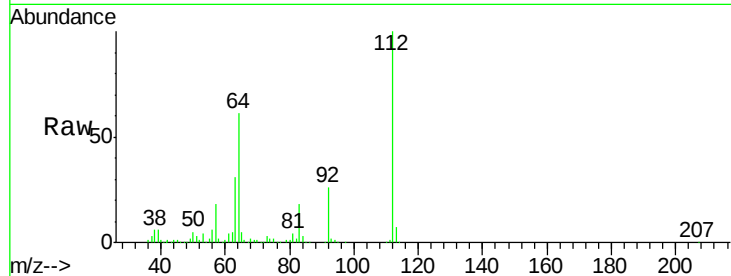
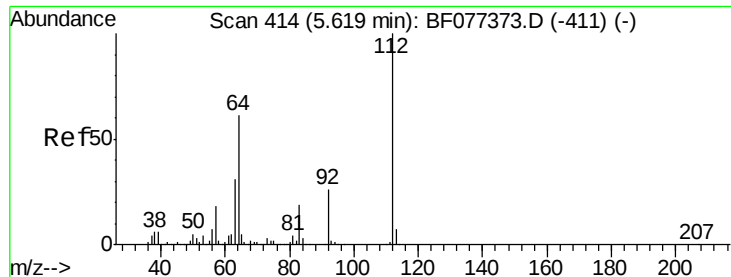
Delta R.T. 0.00 min

Lab File: BF077377.D

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Tgt Ion:	42	Resp:	86397
Ion Ratio	Lower	Upper	
42	100		
74	131.8	107.1	160.7
44	7.5	6.7	10.1





#5

2-Fluorophenol

Concen: 80.36 ng

RT: 5.62 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF077377.D

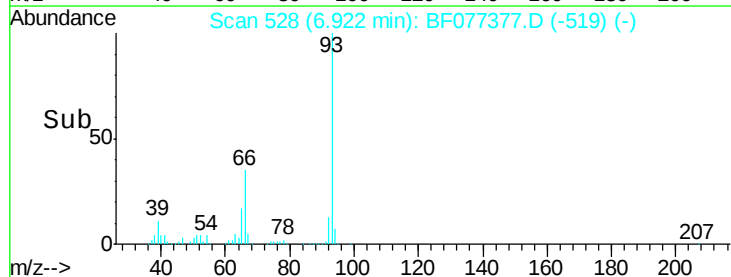
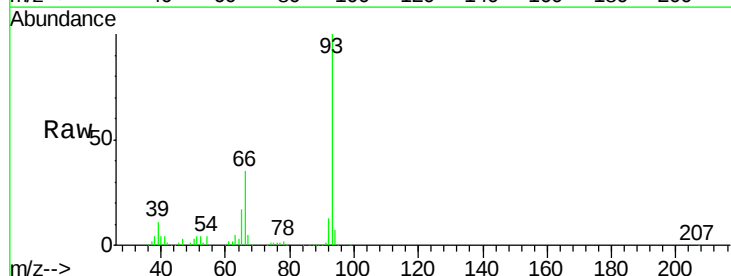
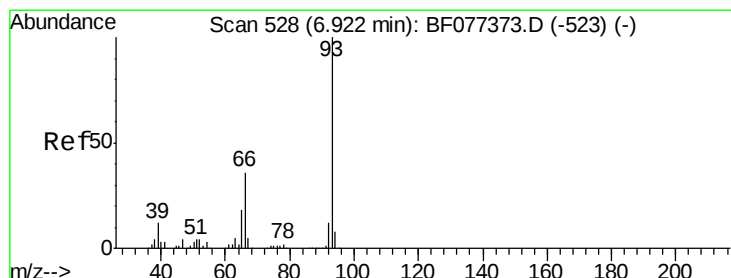
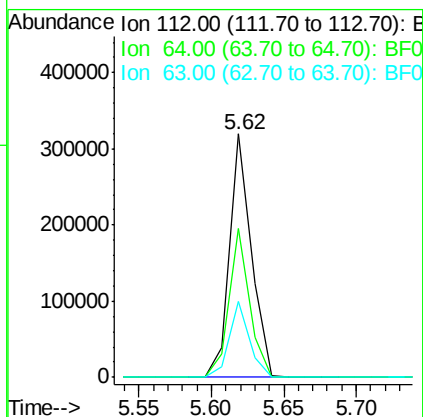
Acq: 19 Feb 2015 16:11

Tot Ion:	112	Resp:	333045
Ion Ratio	Lower	Upper	
112	100		
64	60.9	48.5	72.7
63	31.0	25.0	37.4

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#6

Aniline

Concen: 41.69 ng

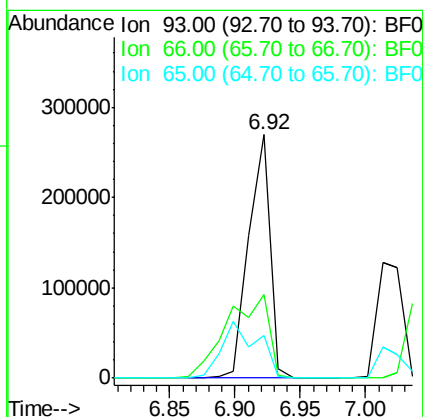
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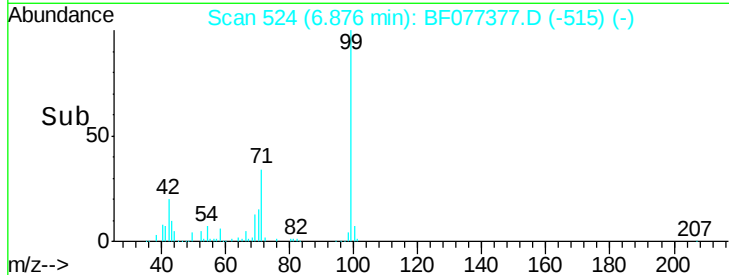
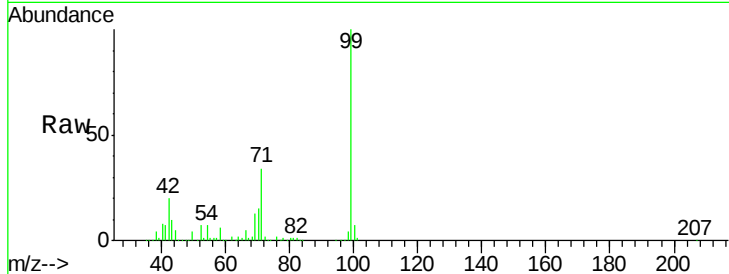
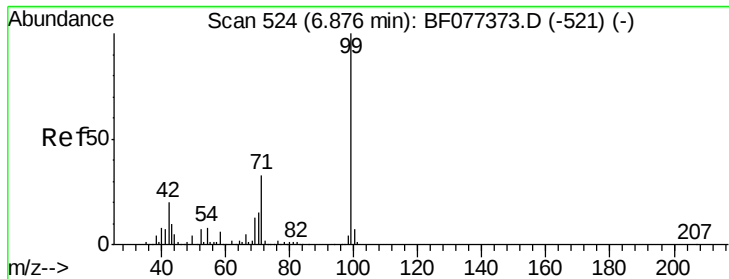
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	93	Resp:	306994
Ion Ratio	Lower	Upper	
93	100		
66	34.5	29.1	43.7
65	17.3	14.6	22.0





#7

Phenol-d6

Concen: 77.89 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		415010		
42	20.1	16.2	24.4		
71	33.5	26.7	40.1		

Instrument :

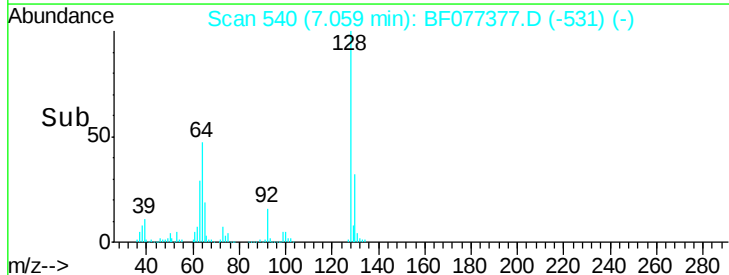
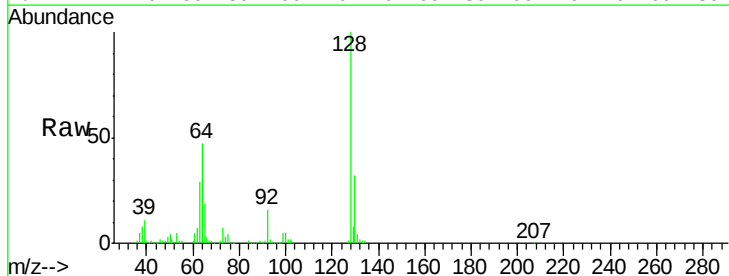
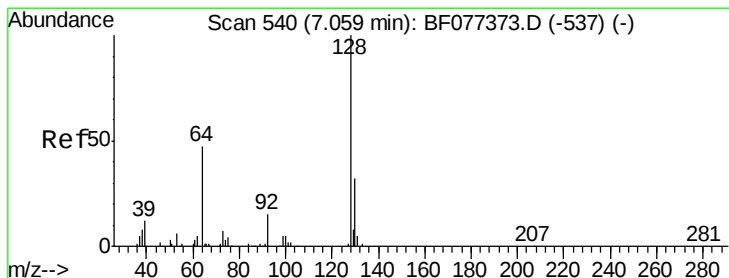
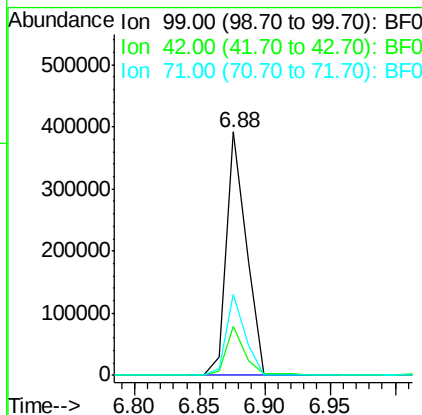
BNA_F

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#8

2-Chlorophenol

Concen: 39.76 ng

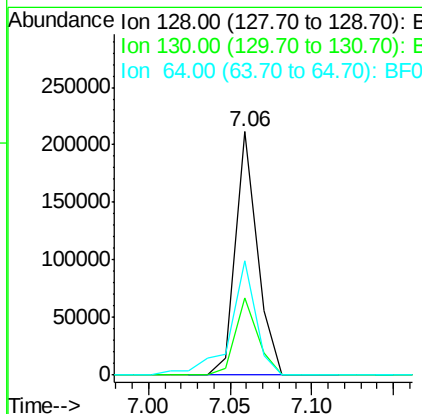
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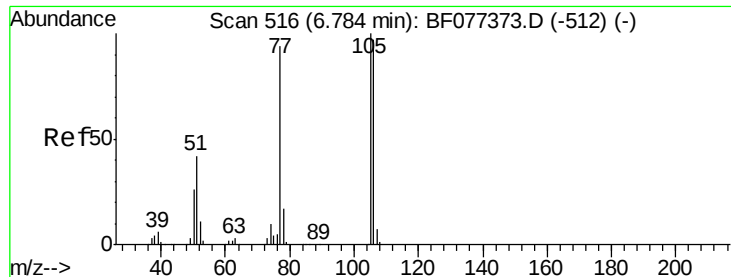
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		194394		
130	31.9	12.0	52.0		
64	46.9	29.2	69.2		





#9

Benzaldehyde

Concen: 32.03 ng

RT: 6.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

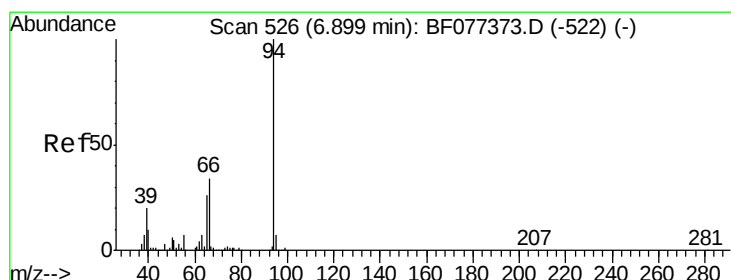
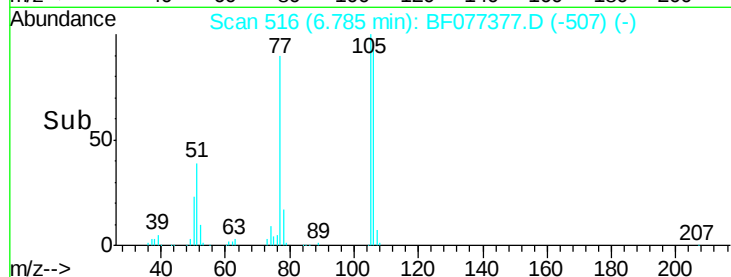
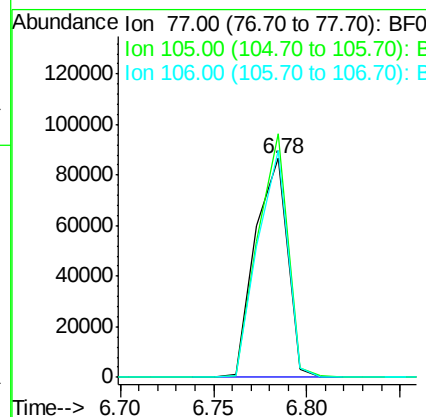
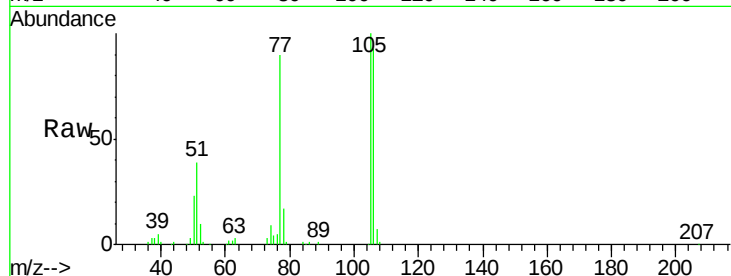
ClientSampleId :

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Tot Ion:	77	Resp:	103609
Ion	Ratio	Lower	Upper
77	100		
105	111.3	85.9	125.9
106	104.0	82.9	122.9

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#10

Phenol

Concen: 40.80 ng

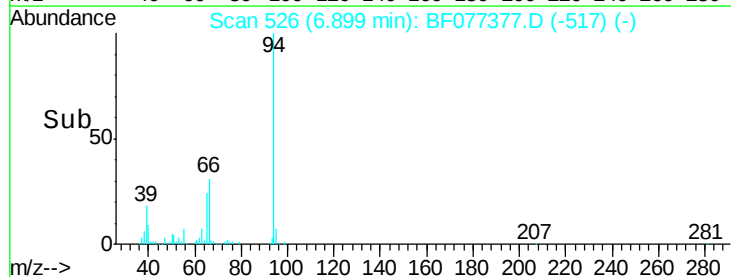
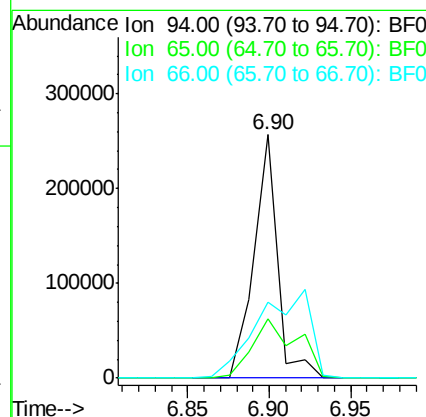
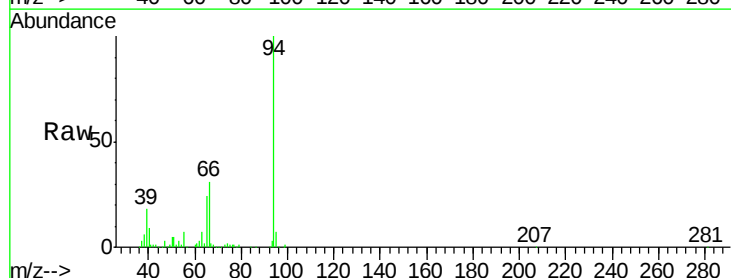
RT: 6.90 min Scan# 526

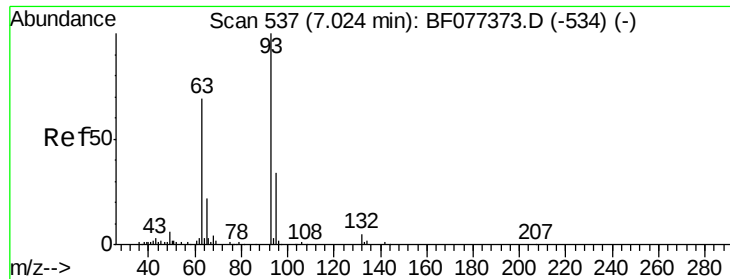
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	94	Resp:	257949
Ion	Ratio	Lower	Upper
94	100		
65	24.4	5.7	45.7
66	31.0	13.6	53.6





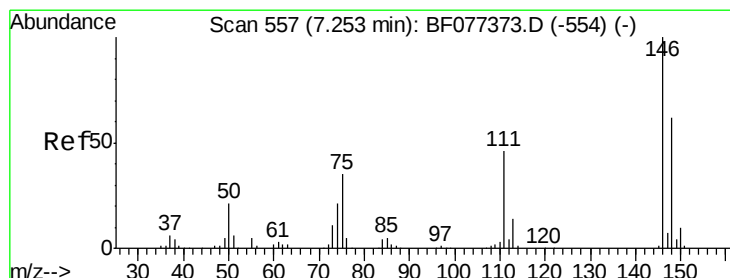
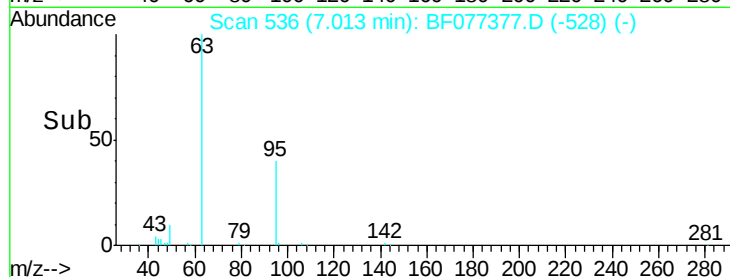
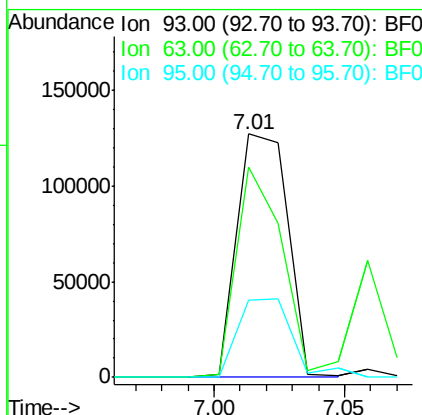
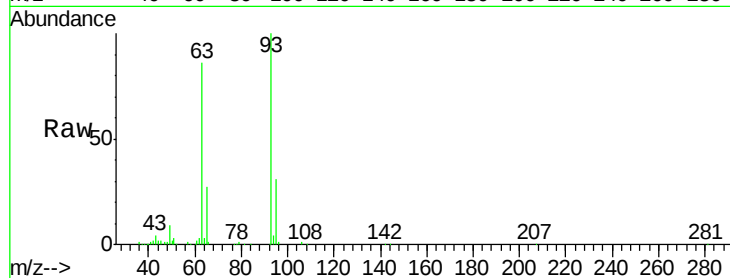
#11
bis(2-Chloroethyl)ether
Concen: 38.40 ng
RT: 7.01 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.2	48.7	88.7
95	31.5	13.6	53.6

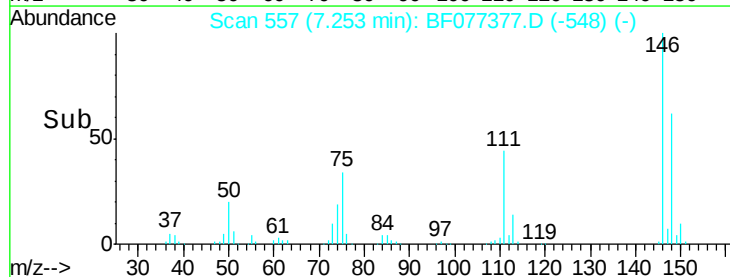
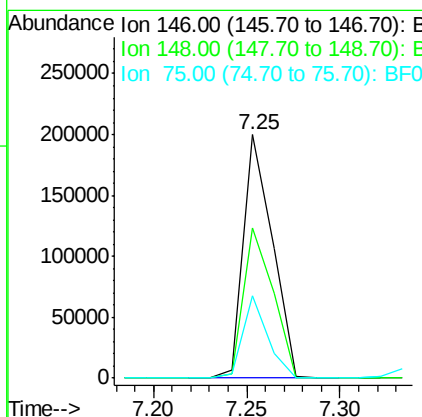
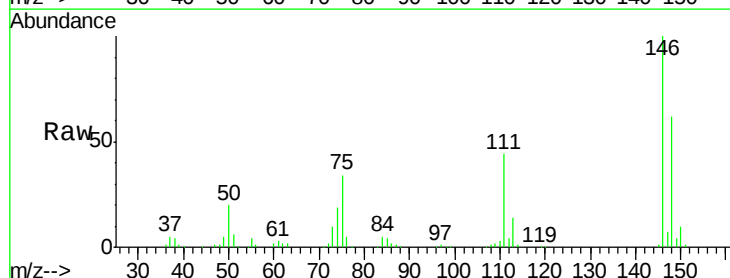
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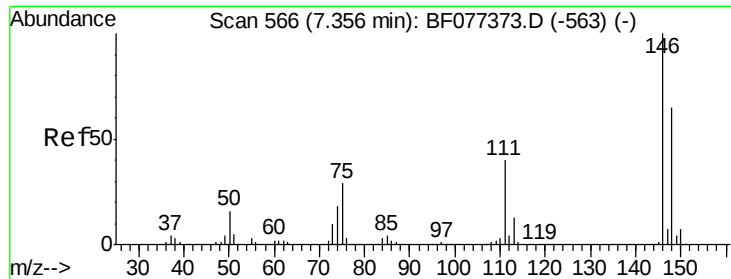
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#12
1,3-Dichlorobenzene
Concen: 40.49 ng
RT: 7.25 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.8	74.8
75	33.8	28.2	42.4





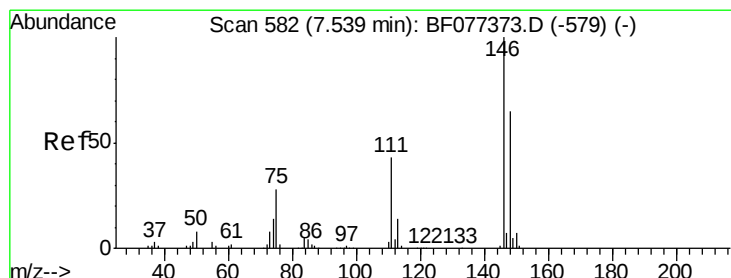
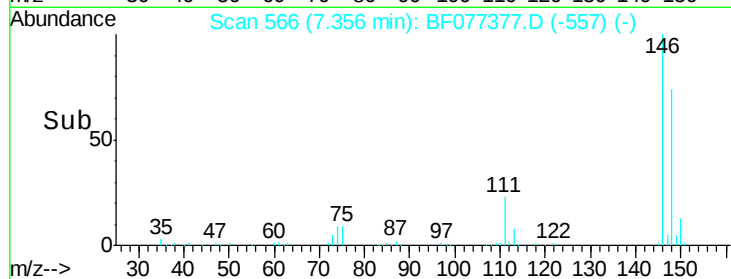
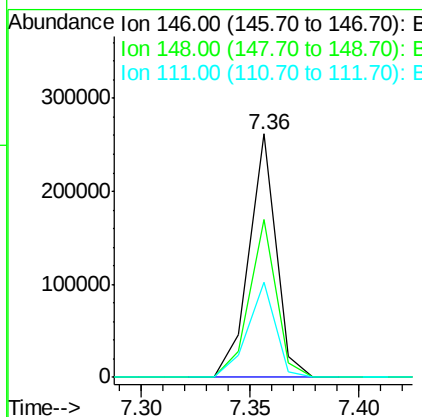
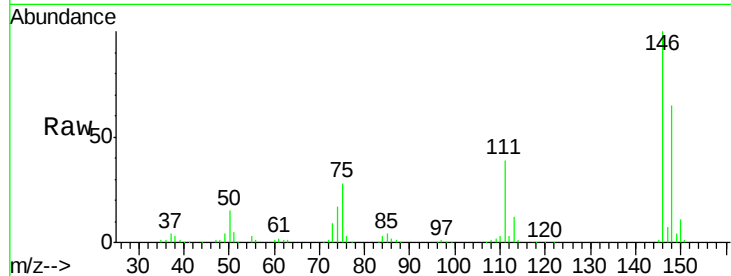
#13
 1,4-Dichlorobenzene
 Concen: 41.74 ng
 RT: 7.36 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Tot Ion	Ratio	Resp	Lower	Upper
146	100	226067		
148	64.8	52.0	78.0	
111	39.1	31.9	47.9	

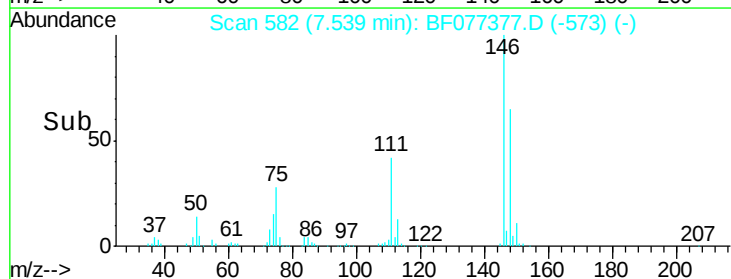
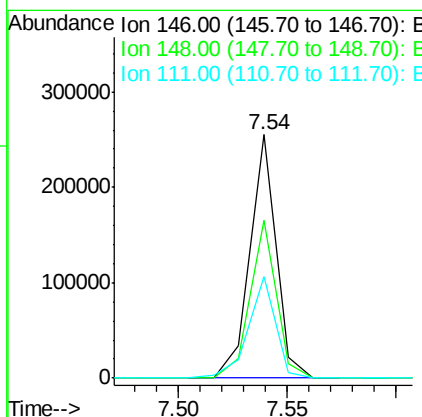
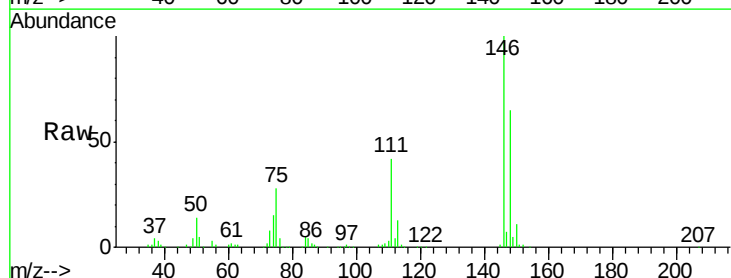
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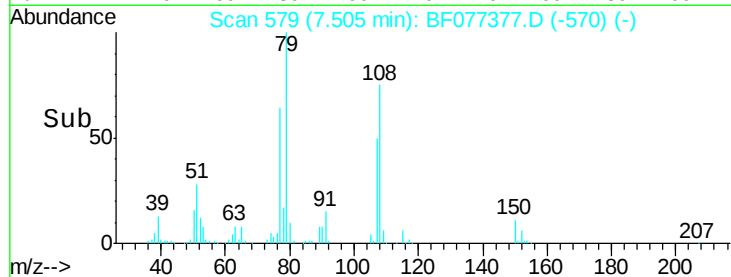
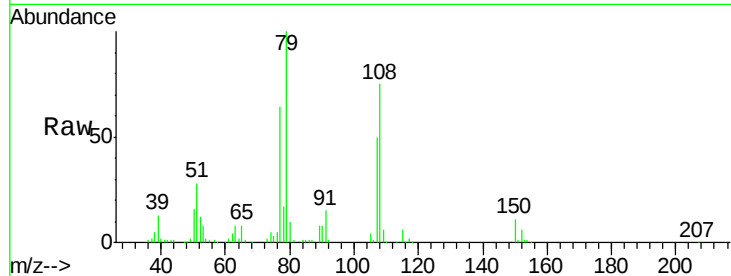
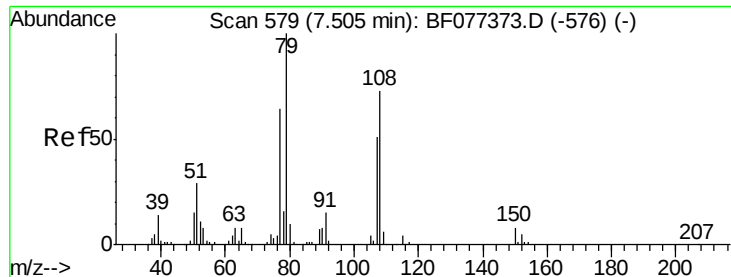
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#14
 1,2-Dichlorobenzene
 Concen: 41.44 ng
 RT: 7.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	213467		
148	64.8	51.6	77.4	
111	41.5	34.2	51.2	





#15

Benzyl Alcohol

Concen: 39.02 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF077377.D

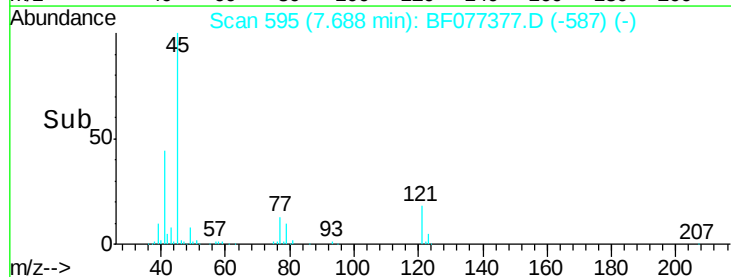
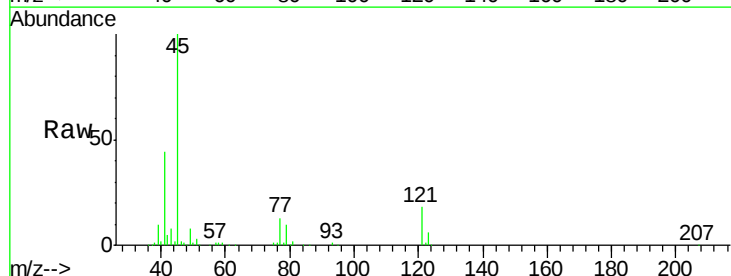
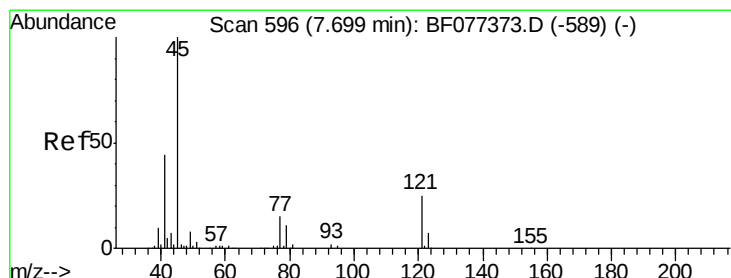
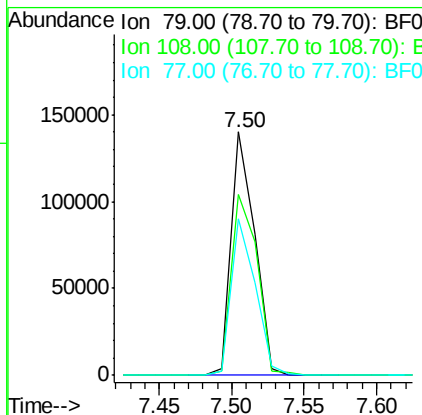
Acq: 19 Feb 2015 16:11

Tot Ion:	79	Resp:	158046
Ion Ratio	Lower	Upper	
79	100		
108	74.5	58.3	87.5
77	64.1	51.3	76.9

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.61 ng

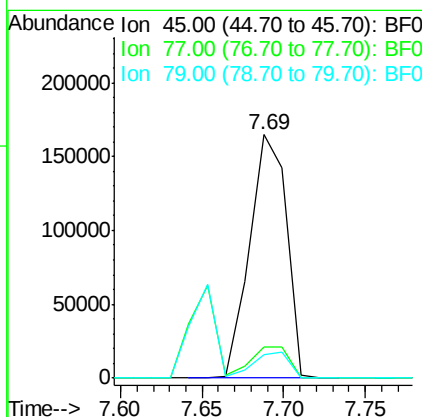
RT: 7.69 min Scan# 595

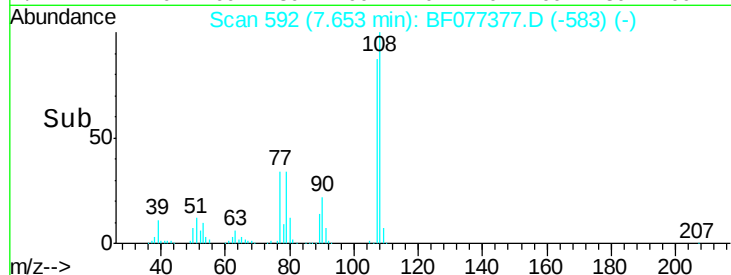
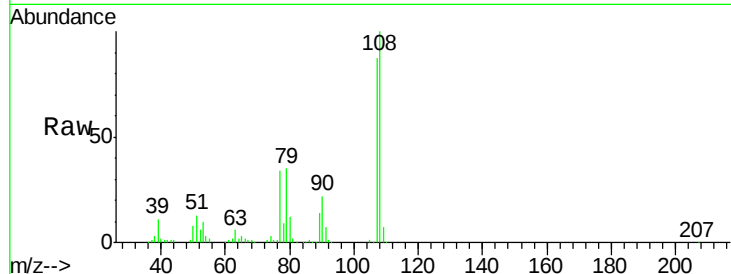
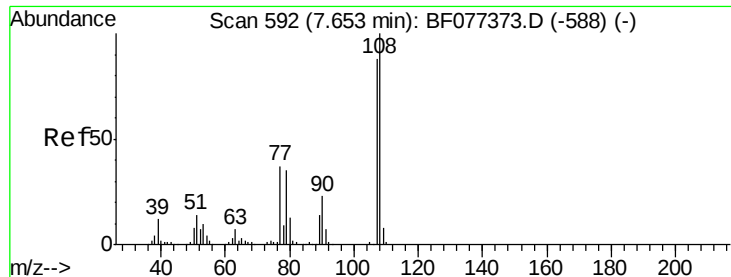
Delta R.T. -0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

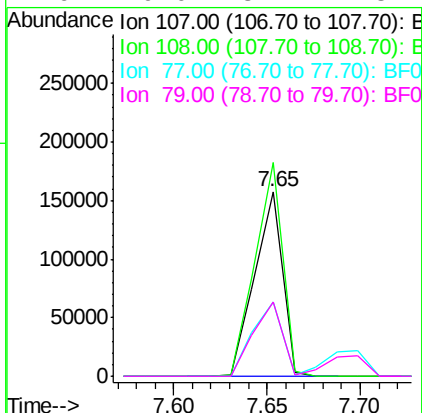
Tgt Ion:	45	Resp:	257264
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	34.6
79	9.8	0.0	31.5





#17
2-Methylphenol
Concen: 42.50 ng
RT: 7.65 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

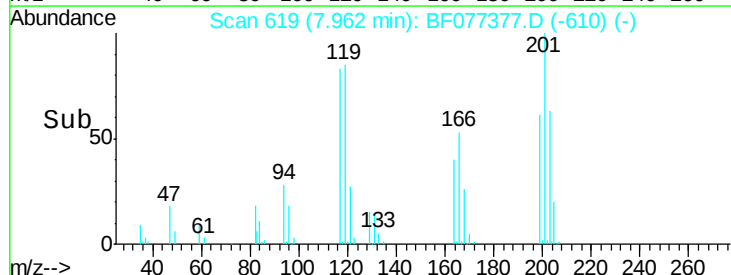
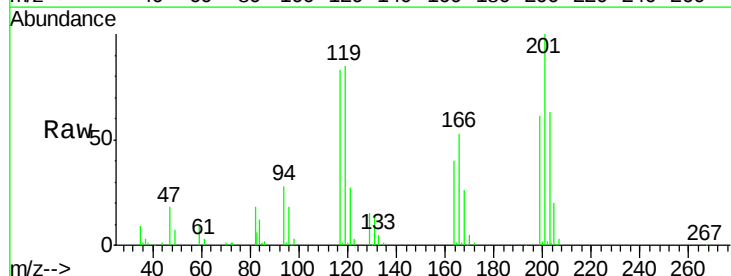
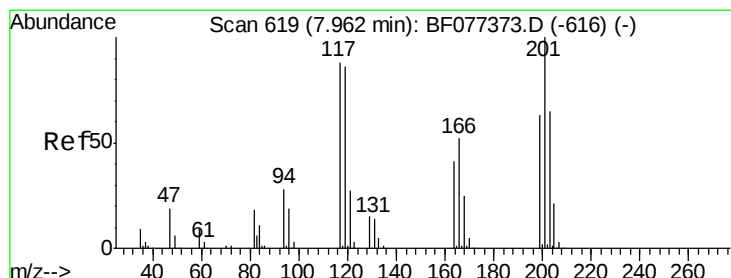
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	115.5	91.2	136.8	
77	77	39.8	33.6	50.4	
79	79	40.0	32.1	48.1	



Instrument :
BNA_F
ClientSampleId :
ICVBF021915

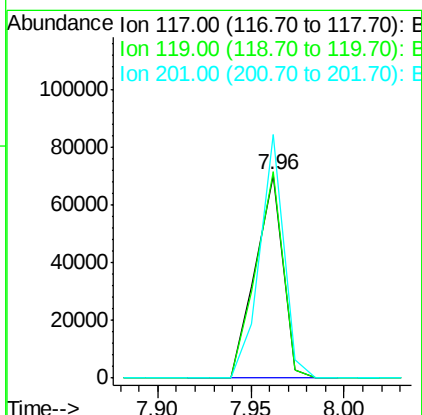
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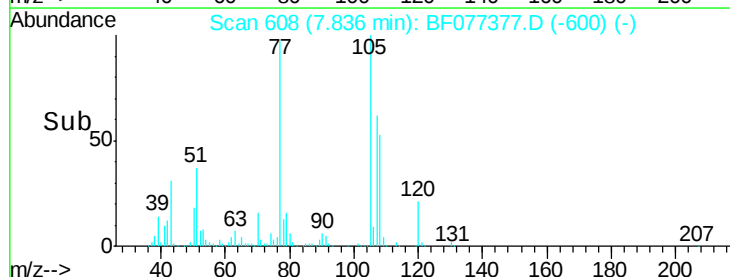
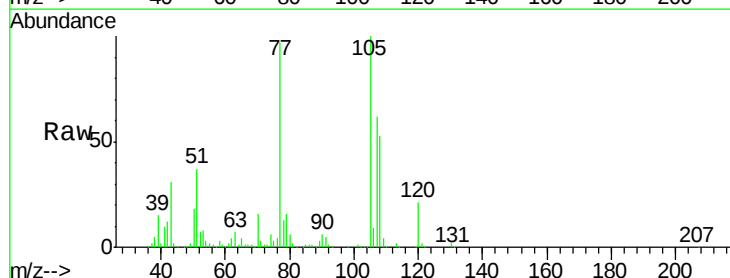
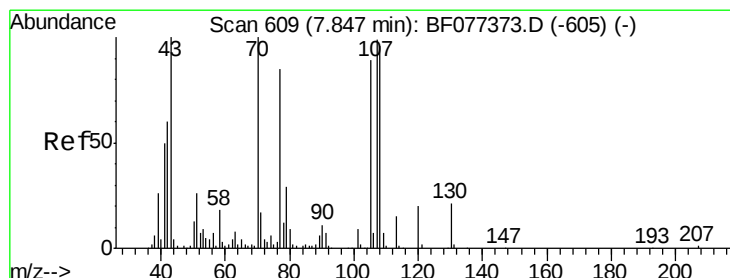
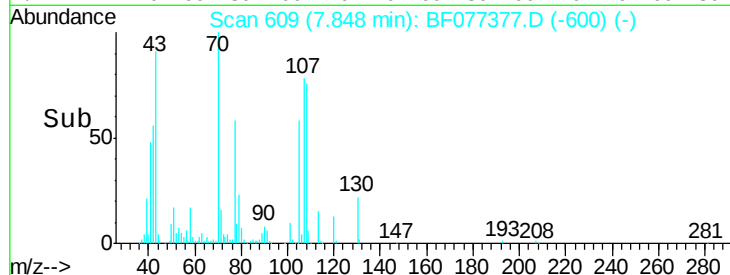
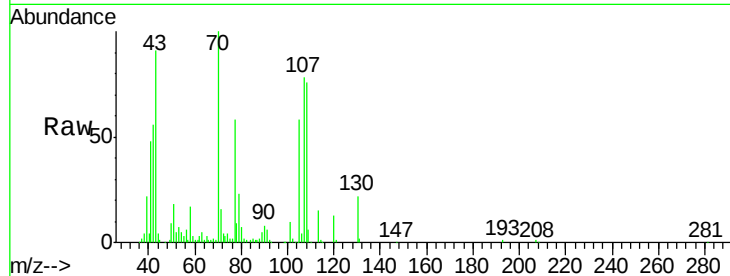
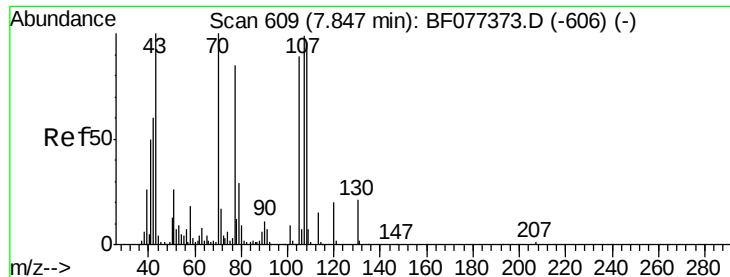
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#18
Hexachloroethane
Concen: 39.75 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	101.5	77.8	116.8	
201	201	119.9	90.6	136.0	

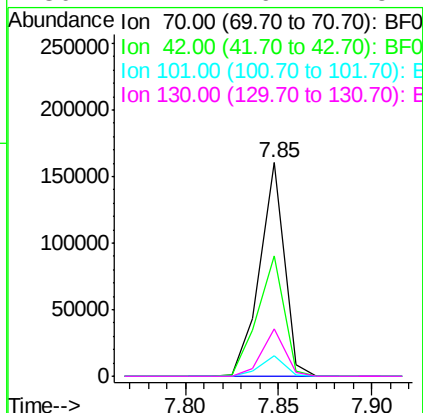




#19
n-Nitroso-di-n-propylamine
Concen: 43.12 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.5	48.3	72.5		
101	9.9	7.5	11.3		
130	22.2	16.7	25.1		

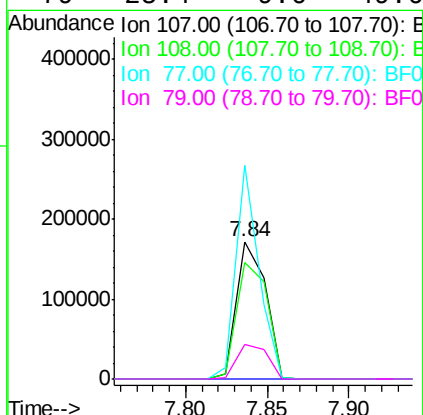


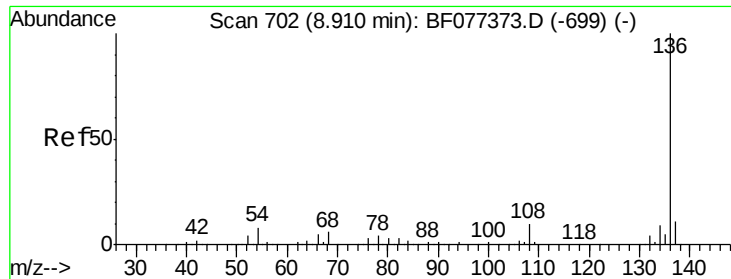
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#20
3+4-Methylphenols
Concen: 41.84 ng
RT: 7.84 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.8	76.8	116.8		
77	155.6	65.8	105.8		
79	25.4	9.6	49.6		





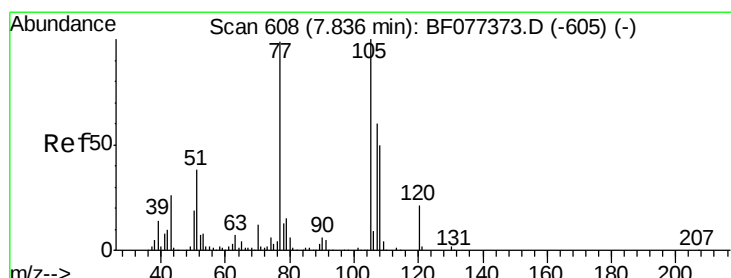
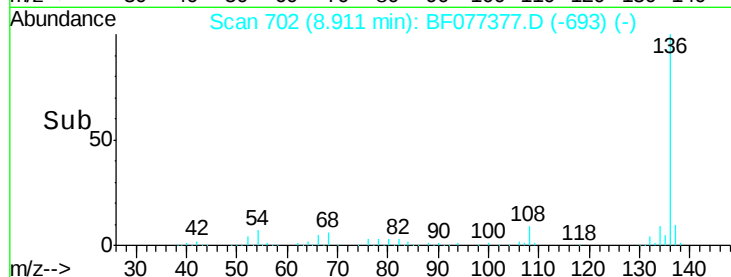
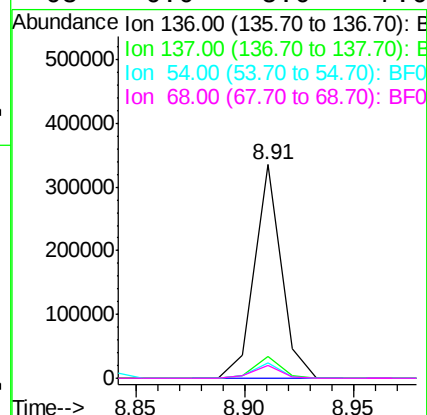
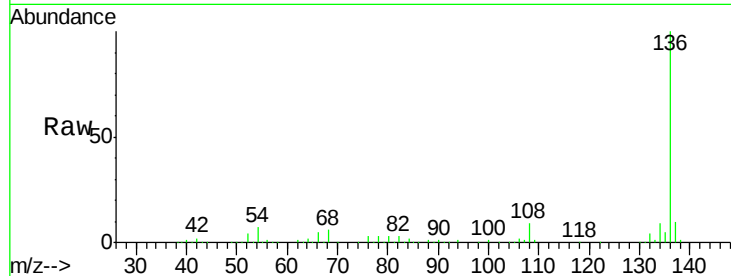
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.4		8.6	13.0	
54	7.3		6.2	9.4	
68	6.0		5.0	7.6	

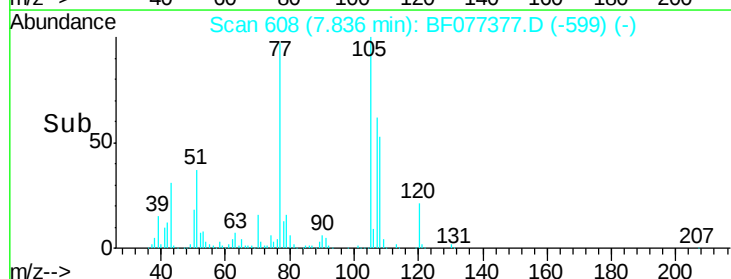
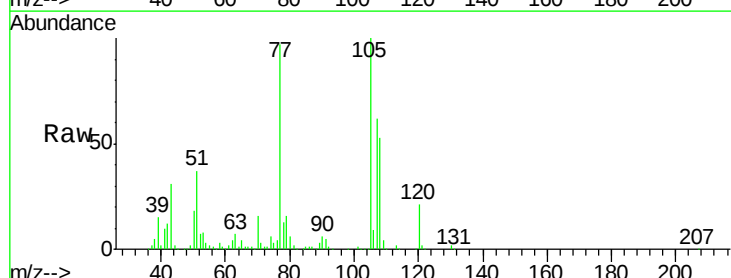
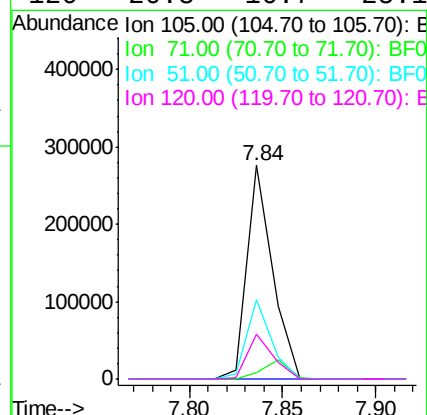
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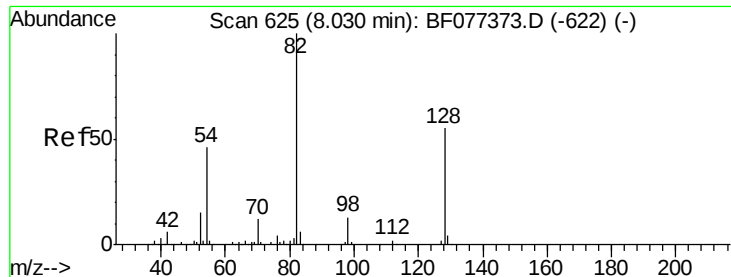
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#22
Acetophenone
Concen: 38.92 ng
RT: 7.84 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	2.7		1.7	2.5#	
51	37.4		30.7	46.1	
120	20.8		16.7	25.1	





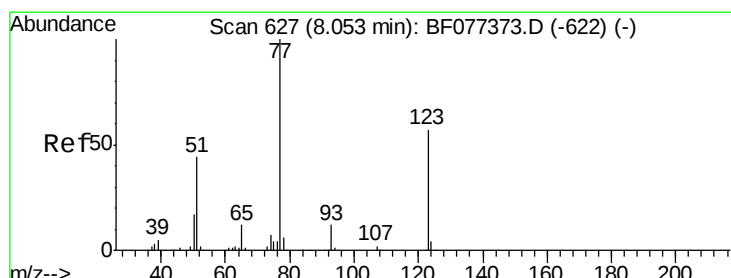
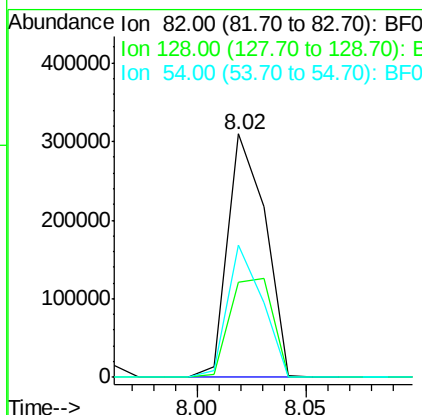
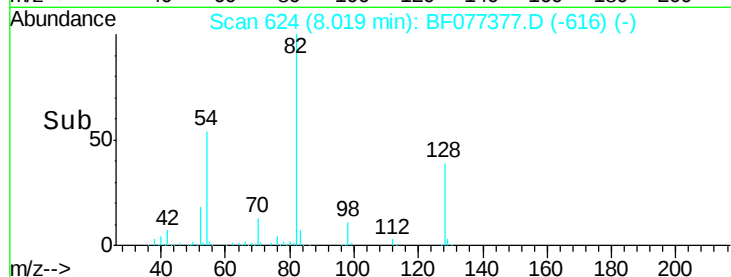
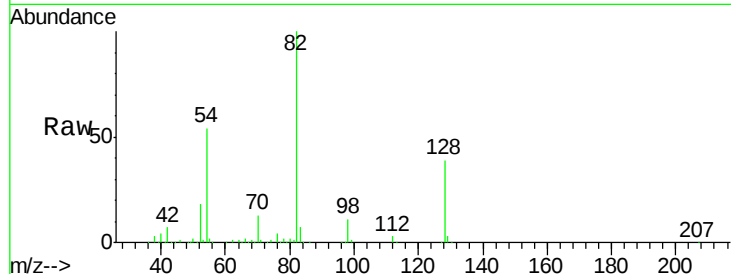
#23
 Nitrobenzene-d5
 Concen: 80.78 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	43.8	65.8#
54	54.5	36.7	55.1

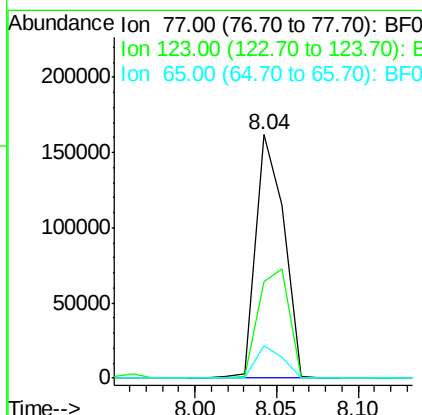
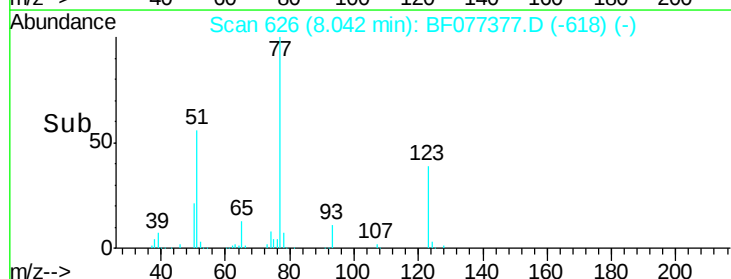
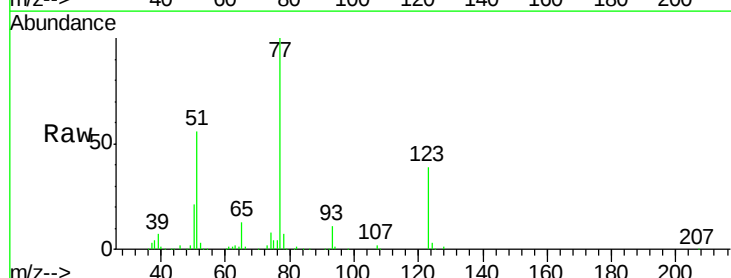
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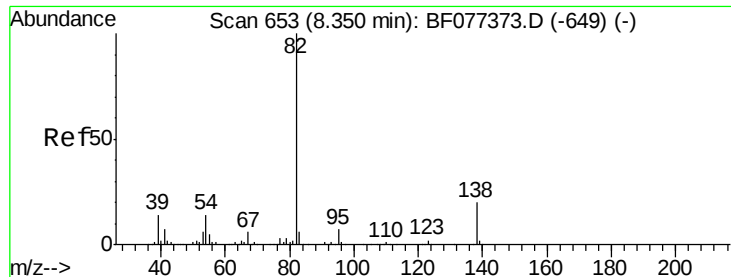
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#24
 Nitrobenzene
 Concen: 39.91 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.4	45.9	68.9#
65	13.3	9.5	14.3





#25

Isophorone

Concen: 41.26 ng

RT: 8.35 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

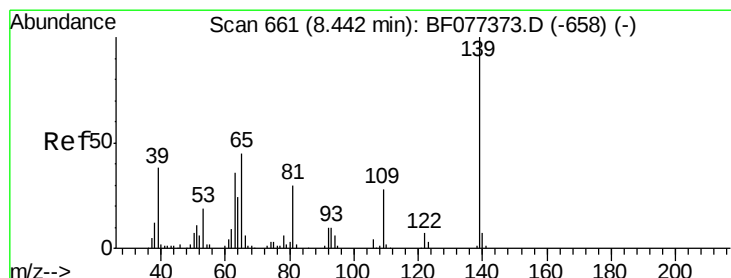
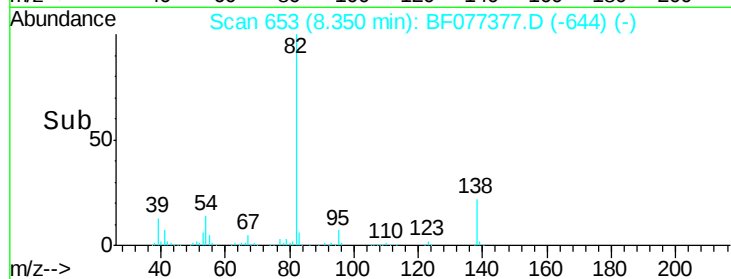
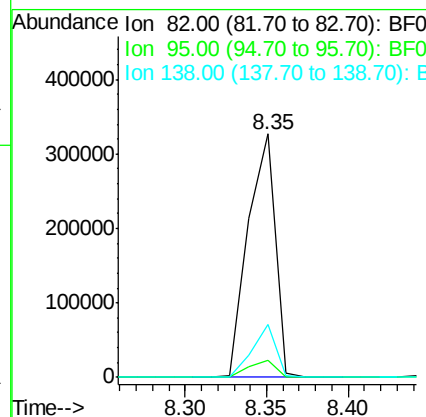
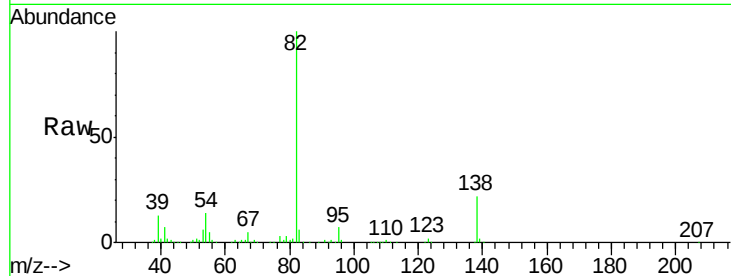
ClientSampleId :

ICVBF021915

Tot Ion:	82	Resp:	377178
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	21.7	16.3	24.5

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#26

2-Nitrophenol

Concen: 40.87 ng

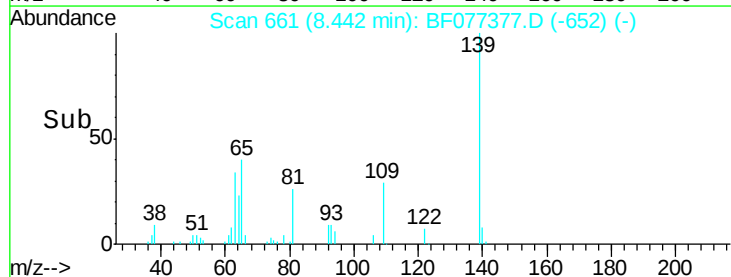
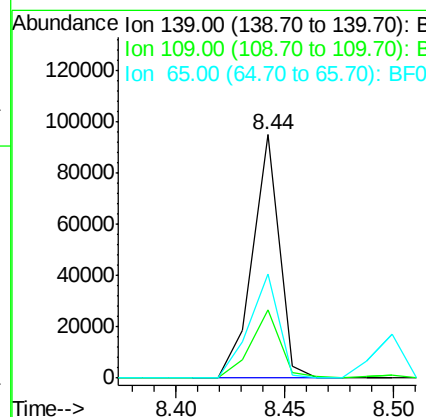
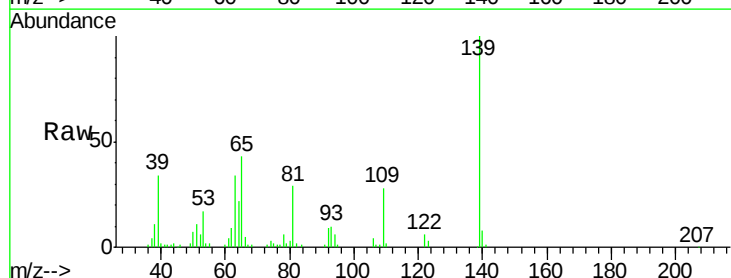
RT: 8.44 min Scan# 661

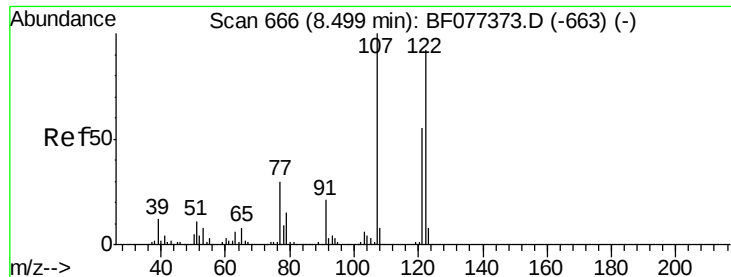
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	139	Resp:	81210
Ion Ratio	Lower	Upper	
139	100		
109	28.3	22.6	34.0
65	42.6	36.4	54.6





#27

2,4-Dimethylphenol

Concen: 39.77 ng

RT: 8.50 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

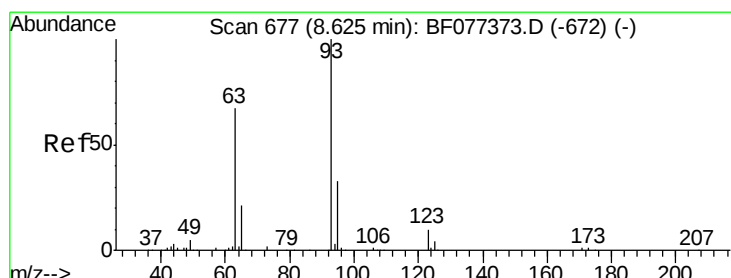
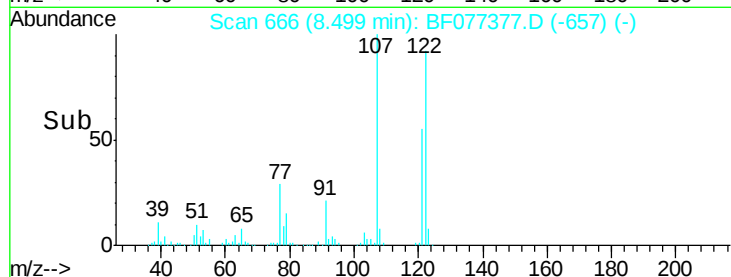
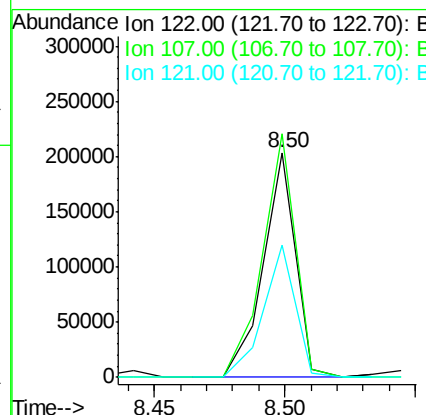
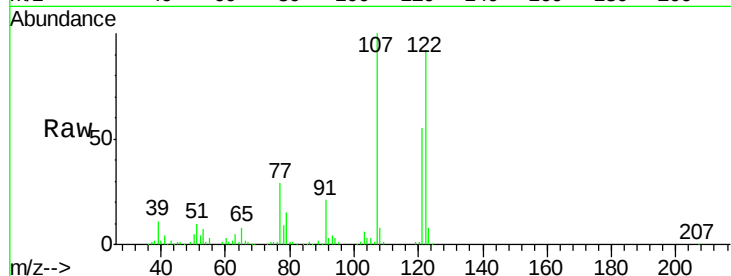
ClientSampleId :

ICVBF021915

Tot Ion:	122	Resp:	176790
Ion Ratio	Lower	Upper	
122	100		
107	108.2	86.6	130.0
121	59.1	47.4	71.0

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#28

bis(2-Chloroethoxy)methane

Concen: 40.75 ng

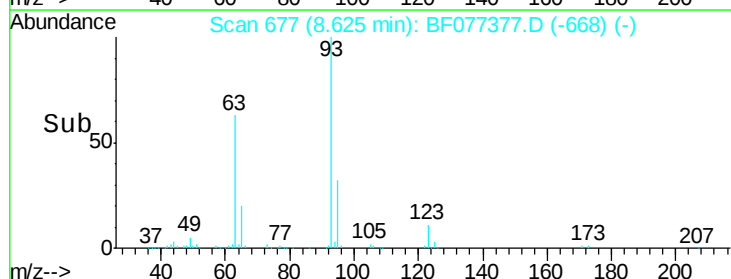
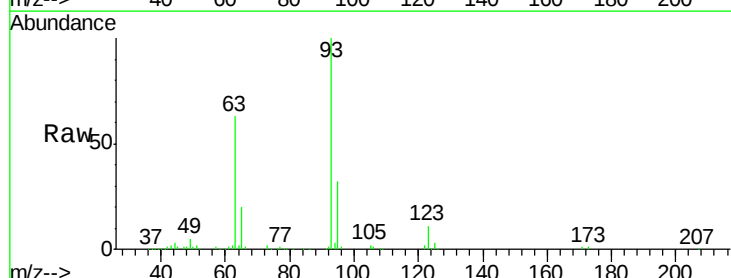
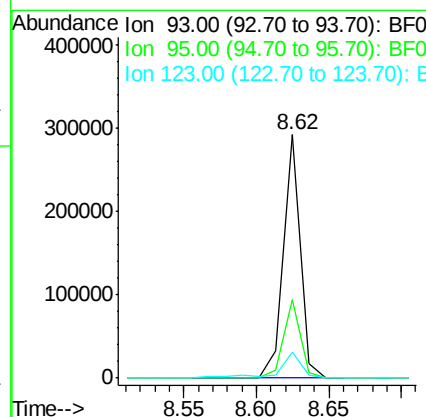
RT: 8.62 min Scan# 677

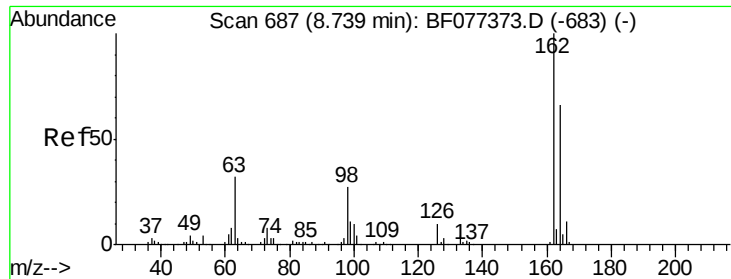
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	93	Resp:	235322
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.4	39.6
123	10.8	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 38.73 ng

RT: 8.73 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

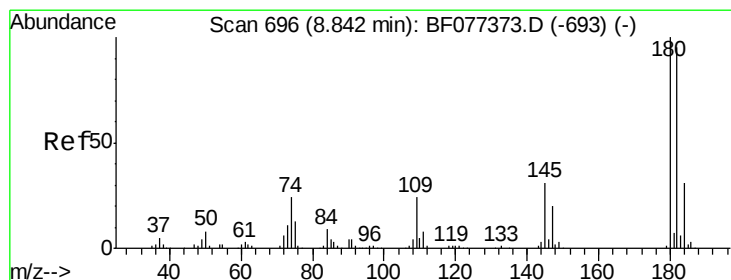
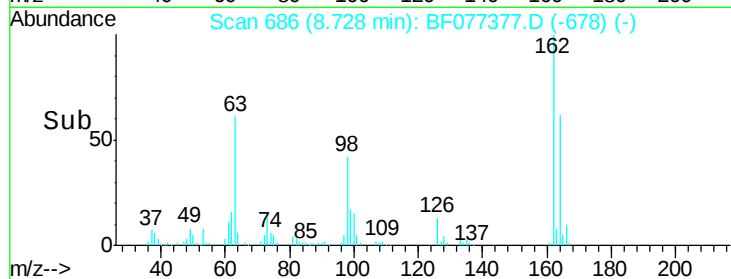
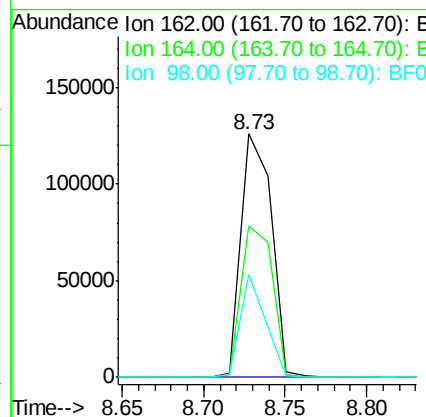
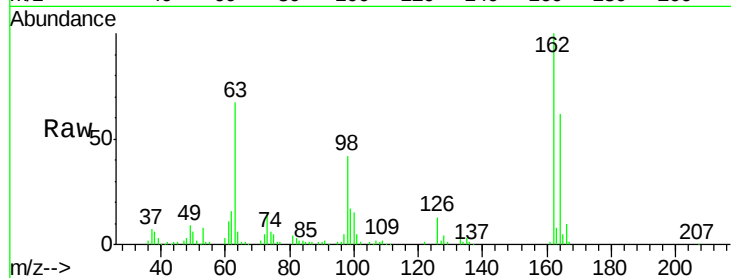
ClientSampleId :

ICVBF021915

Tot Ion:	162	Resp:	161640
Ion Ratio	Lower	Upper	
162	100		
164	62.3	46.4	86.4
98	42.2	6.9	46.9

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.89 ng

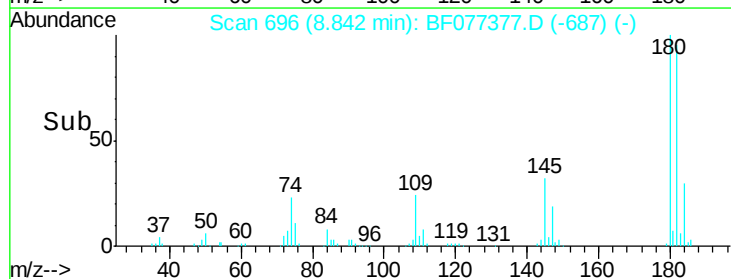
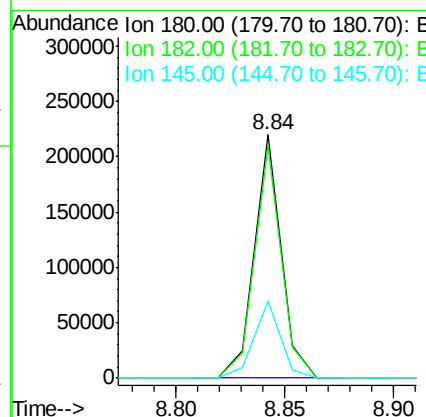
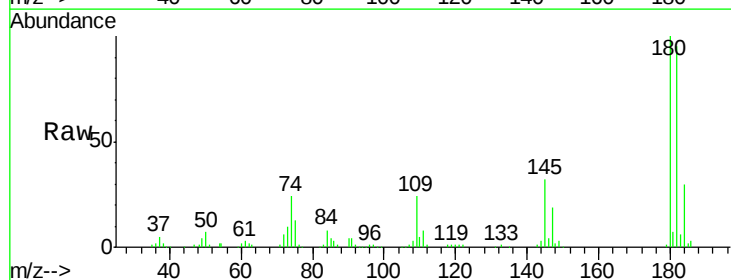
RT: 8.84 min Scan# 696

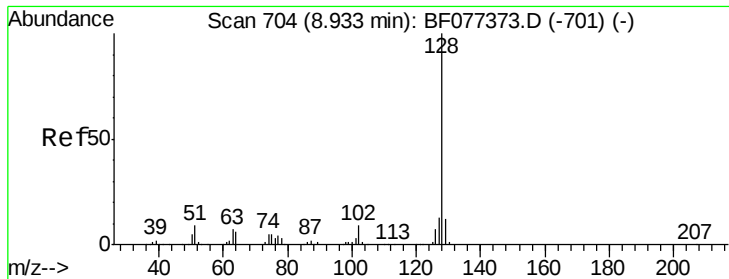
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	180	Resp:	187576
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.4
145	31.6	24.5	36.7





#31

Naphthalene

Concen: 42.08 ng

RT: 8.93 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

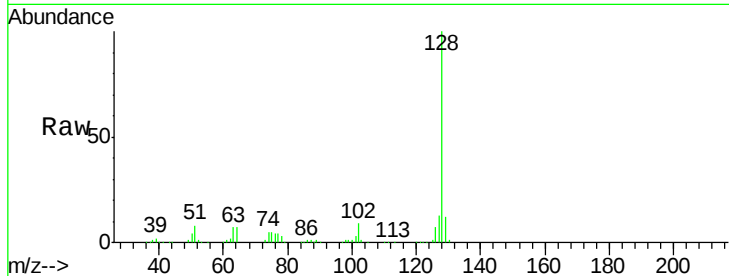
ClientSampleId :

ICVBF021915

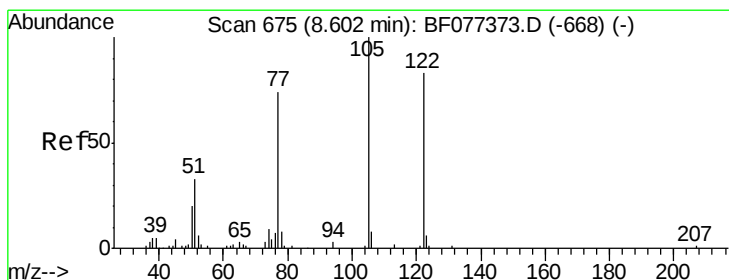
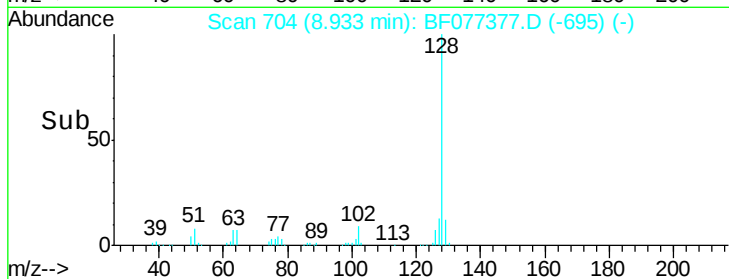
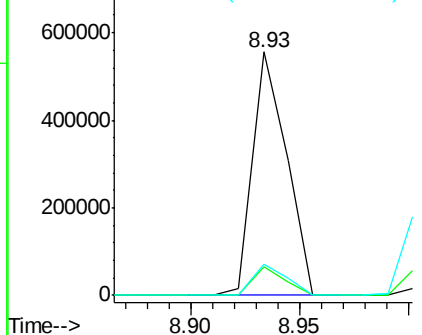
Tot Ion:	128	Resp:	602938
Ion Ratio		Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.0	10.6	15.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.24 ng

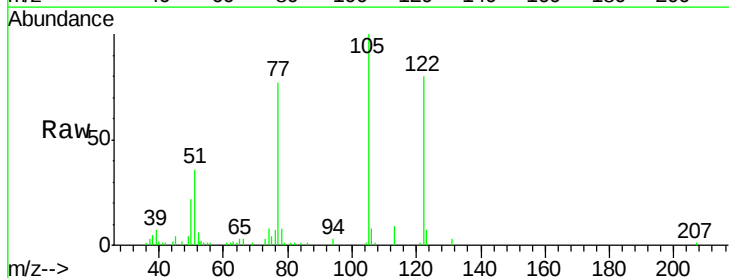
RT: 8.59 min Scan# 674

Delta R.T. -0.01 min

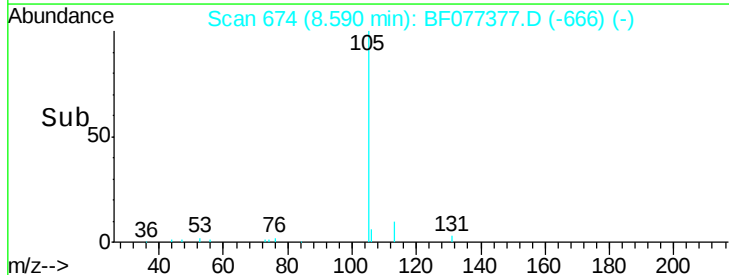
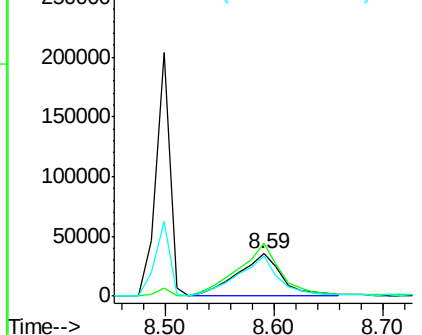
Lab File: BF077377.D

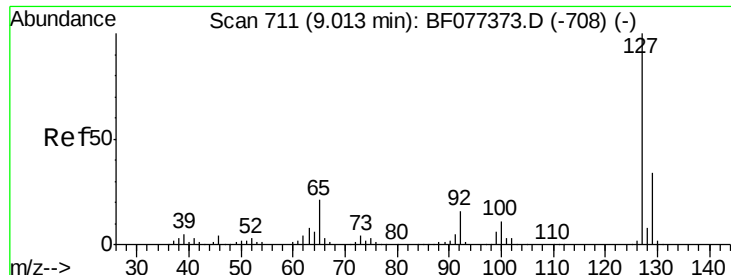
Acq: 19 Feb 2015 16:11

Tgt Ion:	122	Resp:	95564
Ion Ratio		Lower	Upper
122	100		
105	124.8	100.3	140.3
77	96.4	68.7	108.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





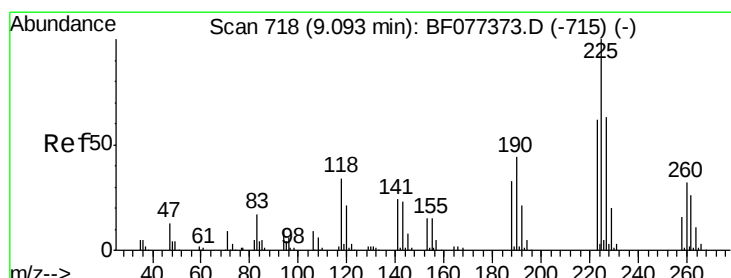
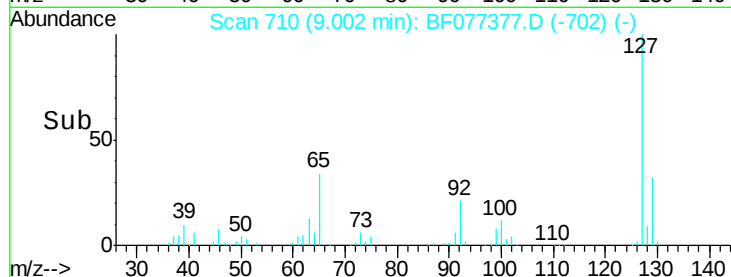
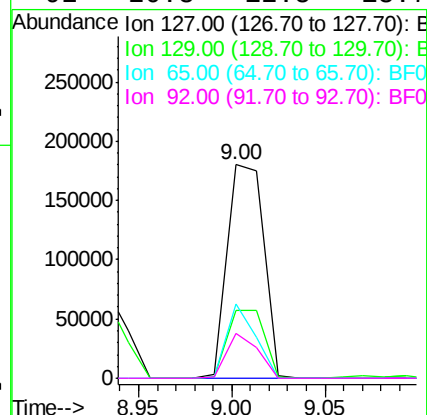
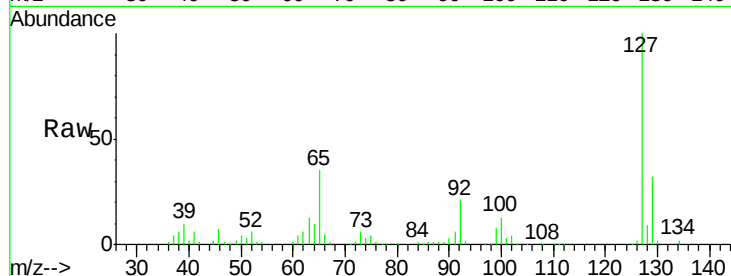
#33
4-Chloroaniline
Concen: 38.87 ng
RT: 9.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.9	26.9	40.3
65	34.9	16.7	25.1#
92	20.8	12.5	18.7#

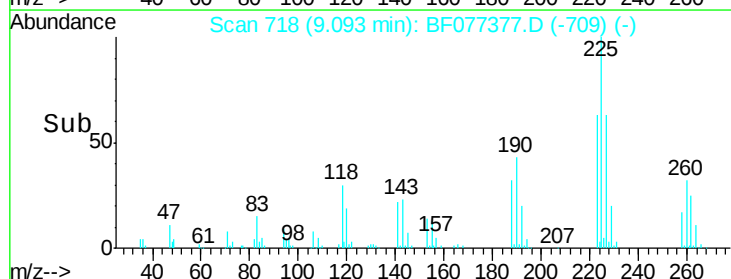
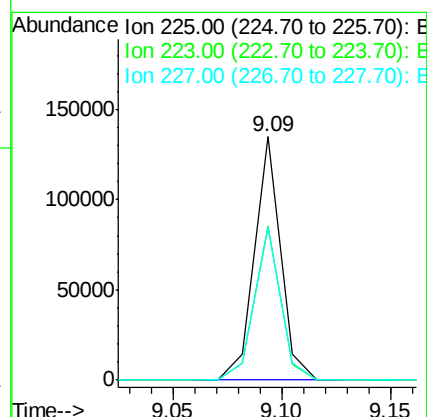
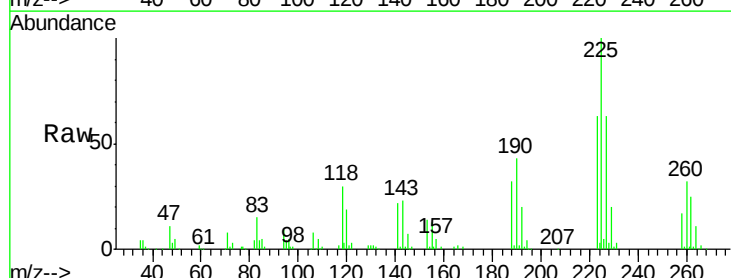
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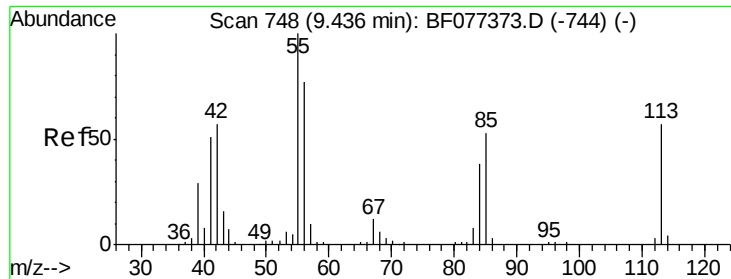
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#34
Hexachlorobutadiene
Concen: 42.96 ng
RT: 9.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.2	49.5	74.3
227	62.7	50.5	75.7





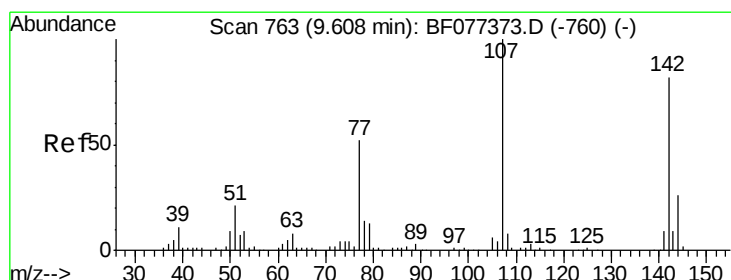
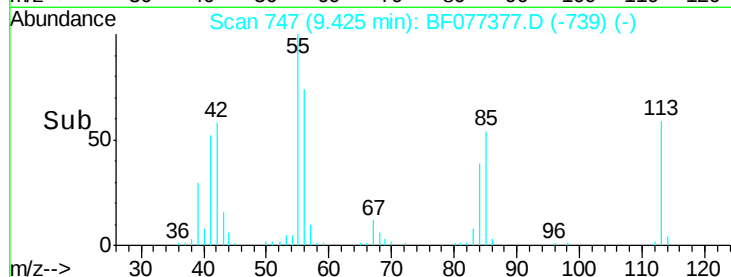
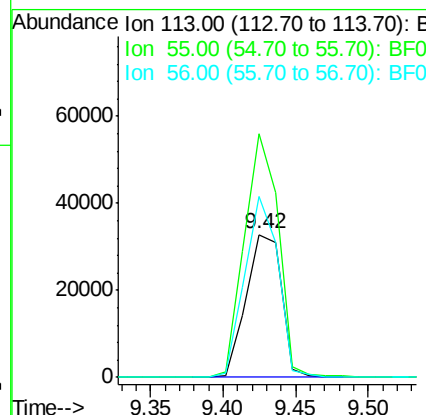
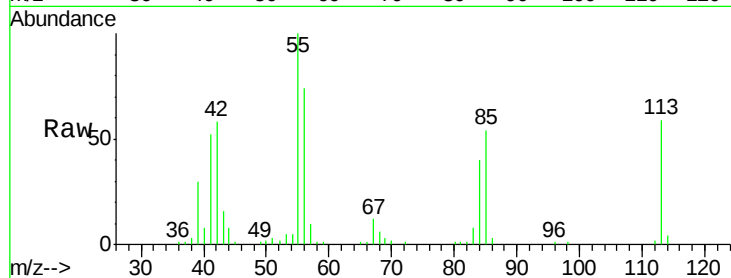
#35
Caprolactam
Concen: 43.38 ng
RT: 9.42 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.8	154.6	194.6
56	126.8	114.0	154.0

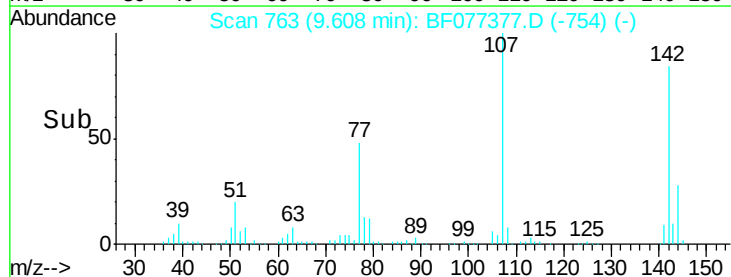
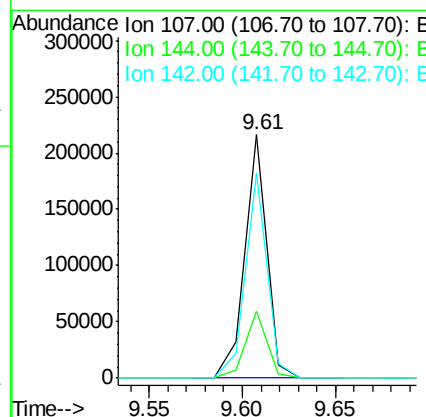
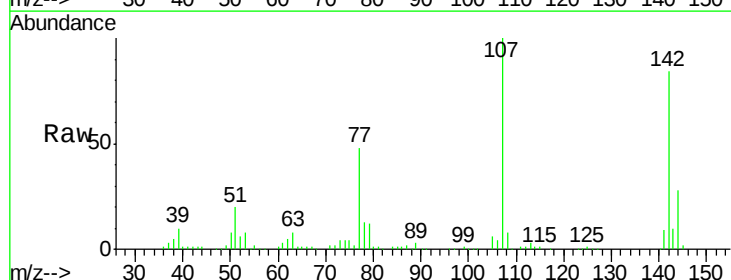
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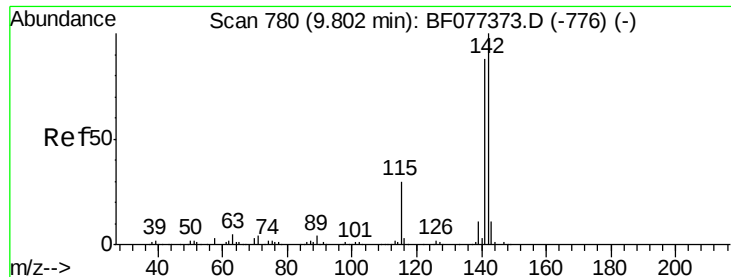
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#36
4-Chloro-3-methylphenol
Concen: 42.79 ng
RT: 9.61 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.1	31.7
142	84.3	65.3	97.9





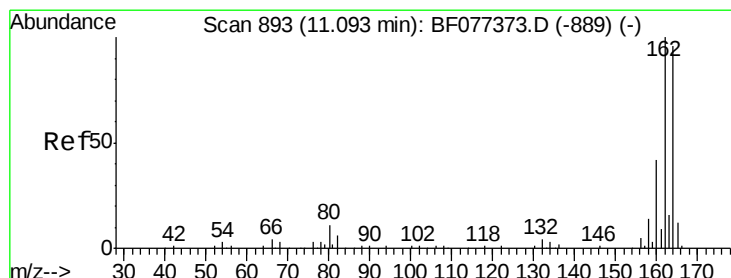
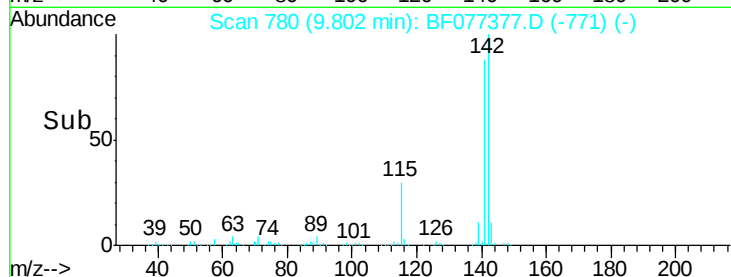
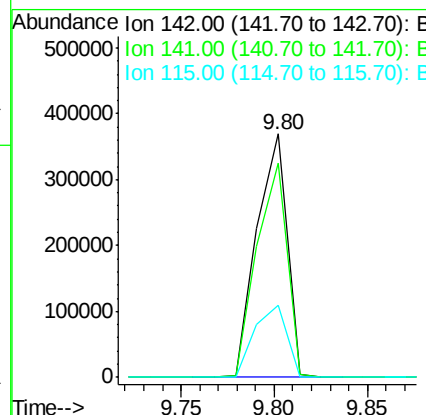
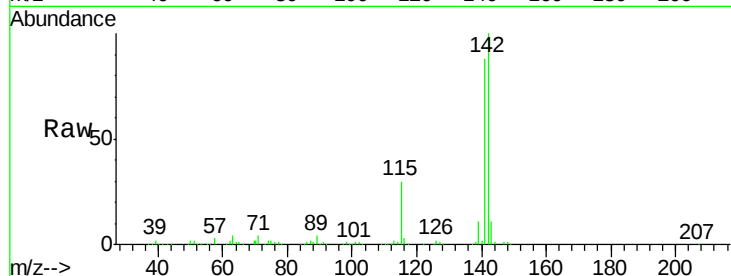
#37
2-Methylnaphthalene
Concen: 40.65 ng
RT: 9.80 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.7	106.1
115	29.7	24.2	36.4

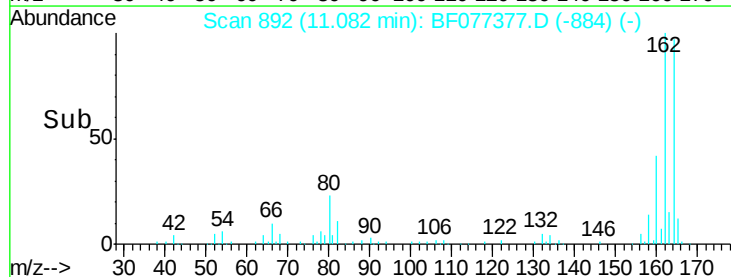
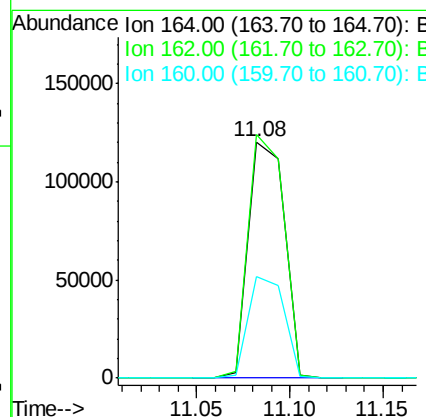
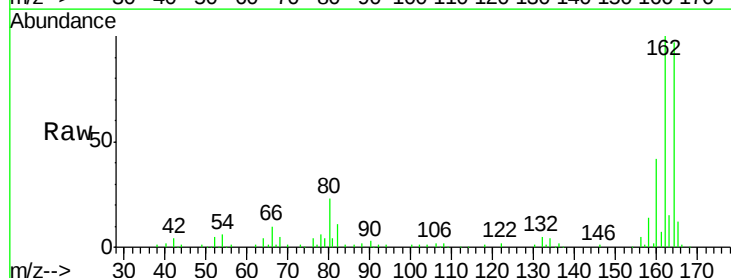
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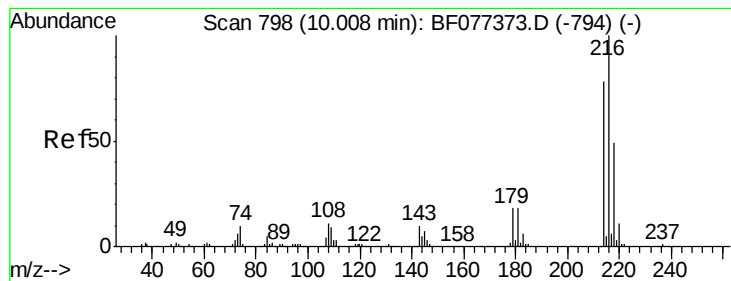
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.2	124.8
160	43.0	34.6	52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.98 ng

RT: 10.01 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

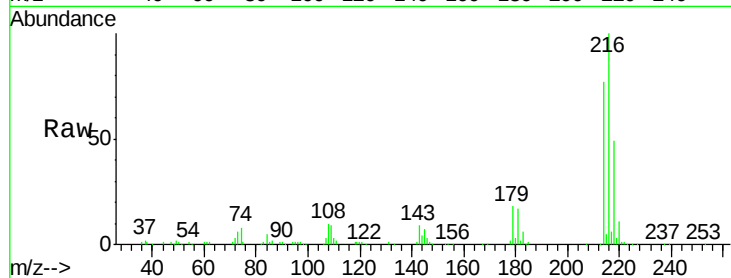
ClientSampleId :

ICVBF021915

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		181350		
214	78.1		63.4	95.0	
179	21.0		16.6	25.0	
108	18.5		14.2	21.4	

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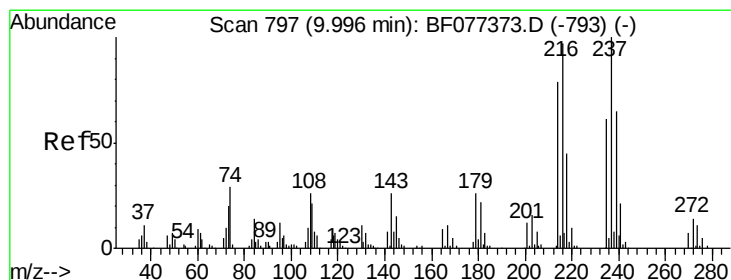
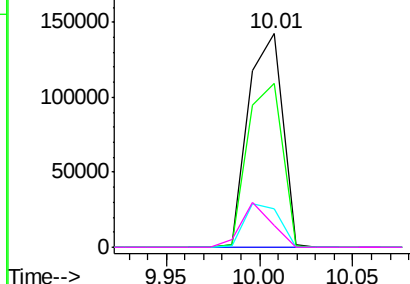
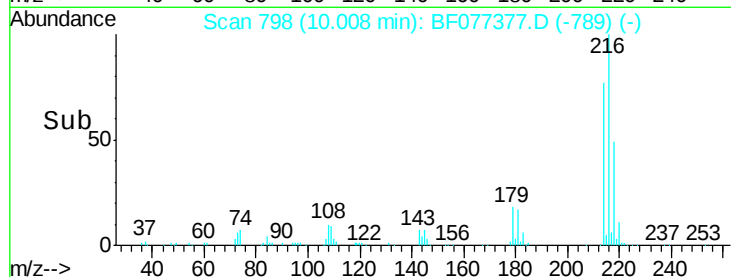


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.79 ng

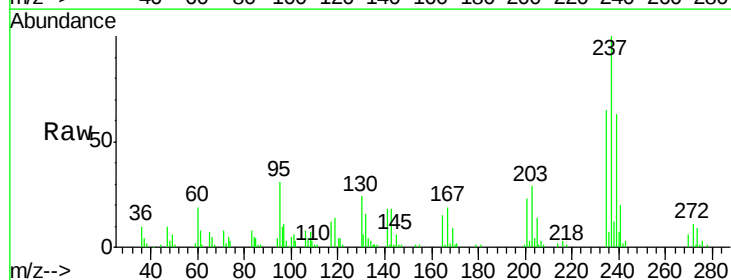
RT: 9.98 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

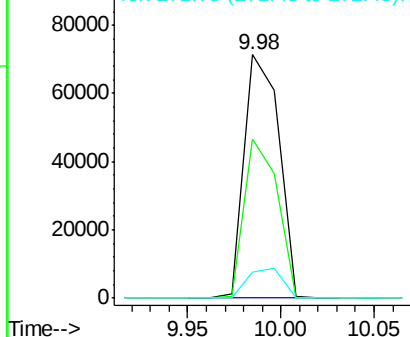
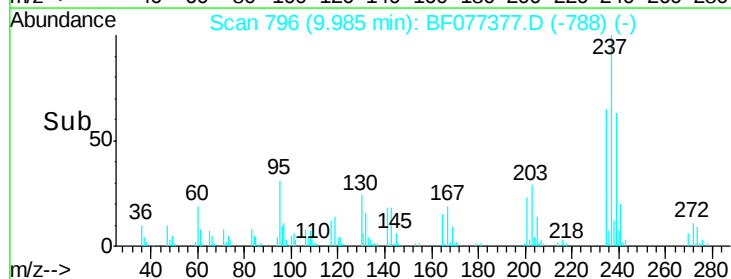
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		91772		
235	65.3		41.0	81.0	
272	10.9		0.0	34.3	

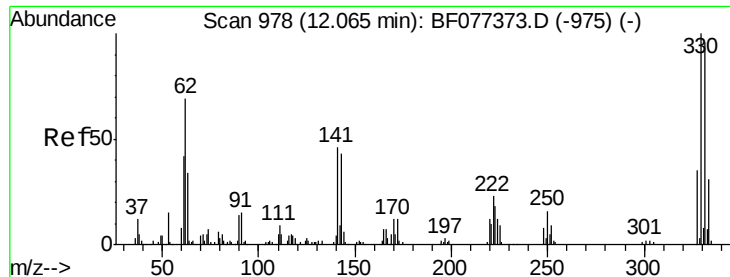


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





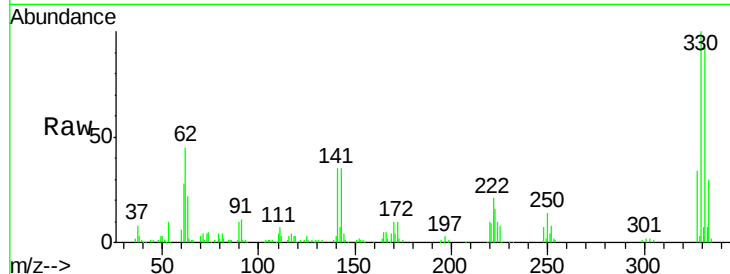
#41
 2,4,6-Tribromophenol
 Concen: 81.77 ng
 RT: 12.07 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Tot Ion	Ratio	Resp	Lower	Upper
330	100	127676		
332	93.4		77.4	116.2
141	35.4		28.8	43.2

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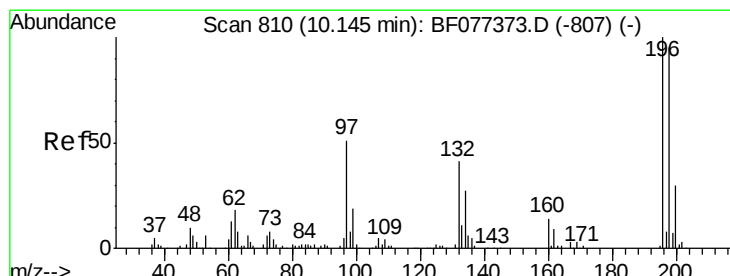
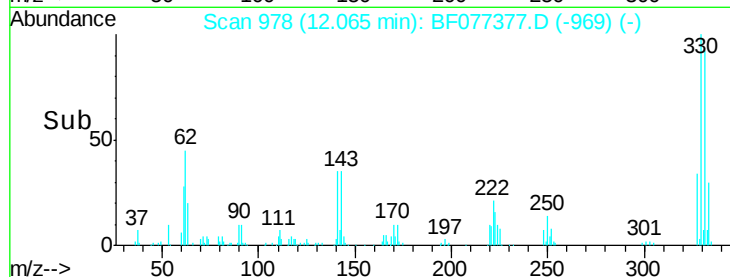
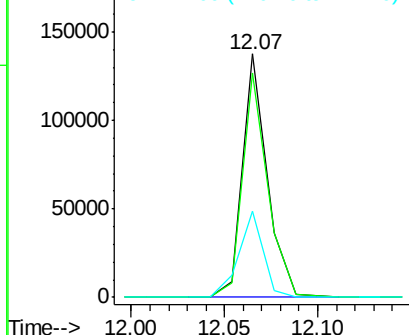


Abundance

Ion 329.80 (329.50 to 330.50): E

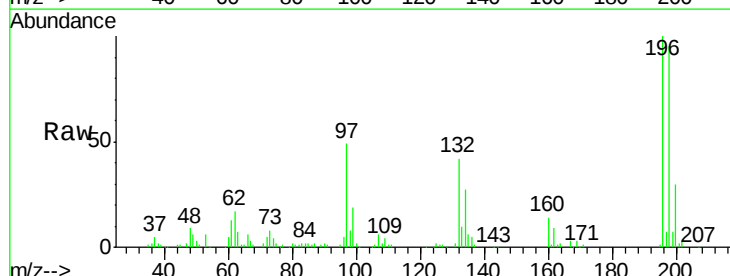
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.83 ng
 RT: 10.14 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131955		
198	95.4		75.8	113.8
200	30.3		24.2	36.4

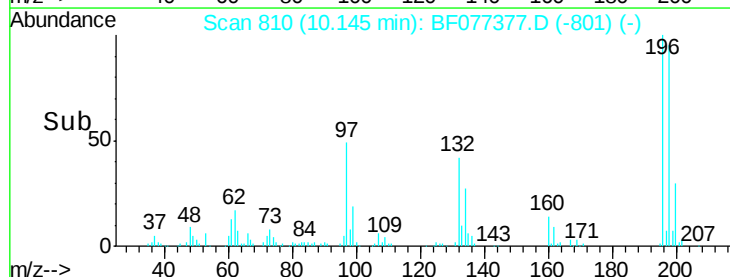
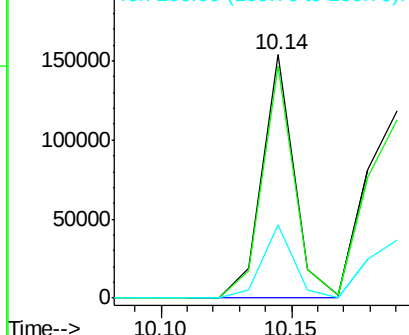


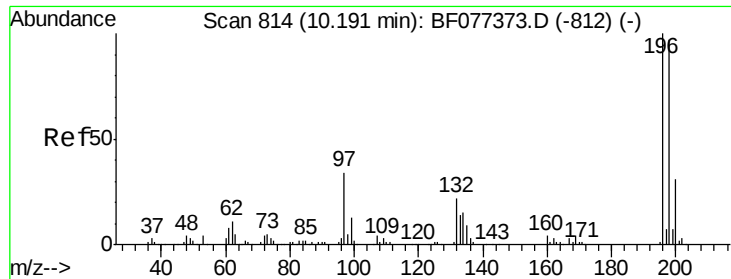
Abundance

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





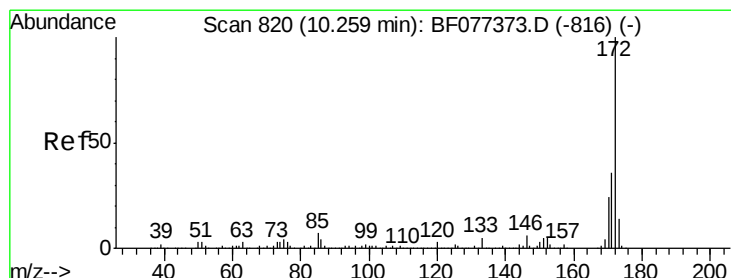
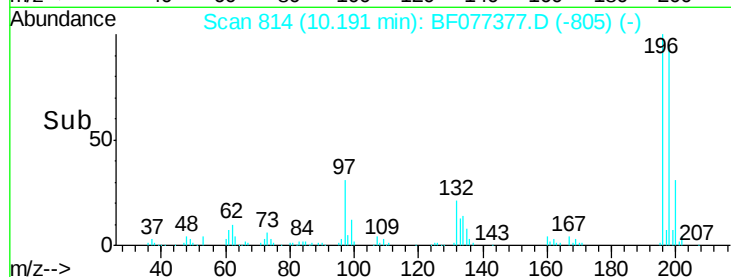
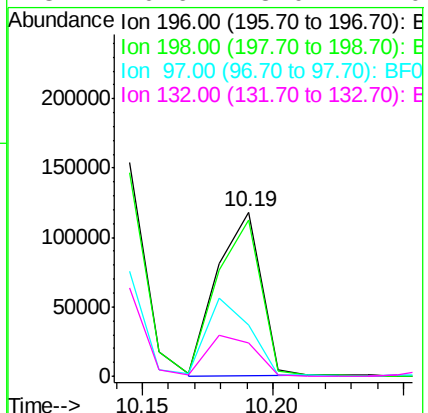
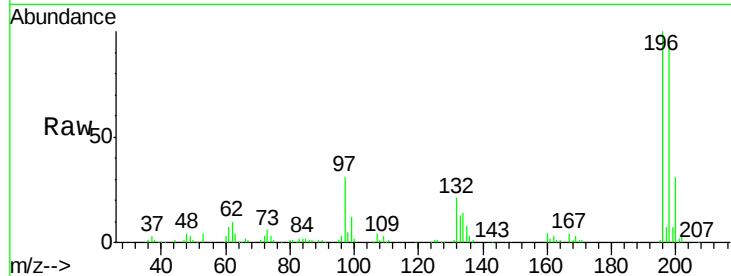
#43
2,4,5-Trichlorophenol
Concen: 42.30 ng
RT: 10.19 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		139369		
198	95.4	77.2	115.8		
97	30.9	27.7	41.5		
132	20.6	18.0	27.0		

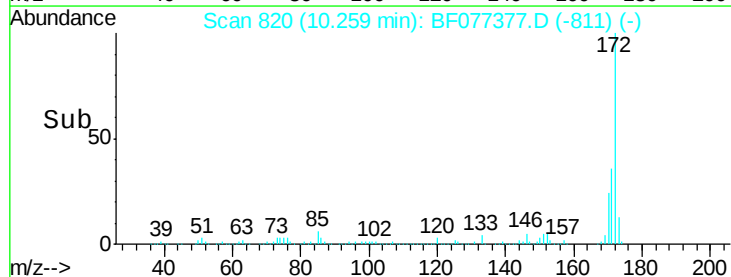
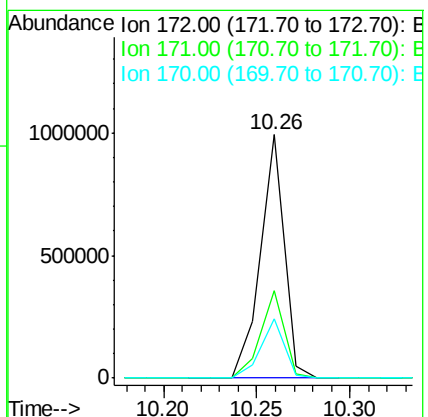
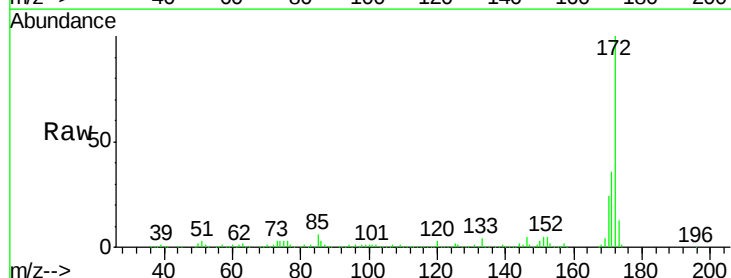
Manual Integrations
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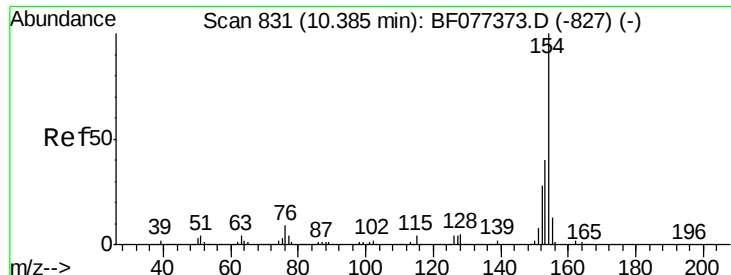
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#44
2-Fluorobiphenyl
Concen: 84.08 ng
RT: 10.26 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		874373		
171	35.9	28.9	43.3		
170	24.1	19.4	29.2		





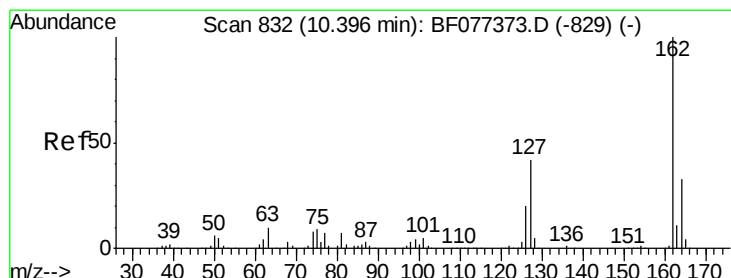
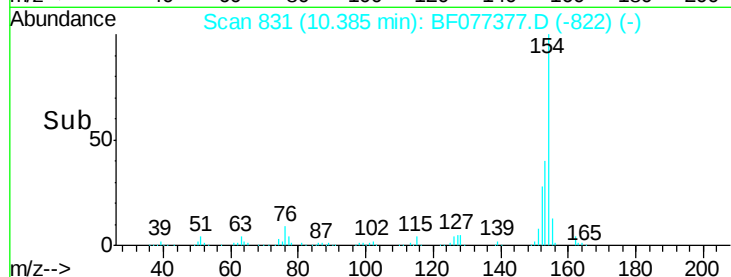
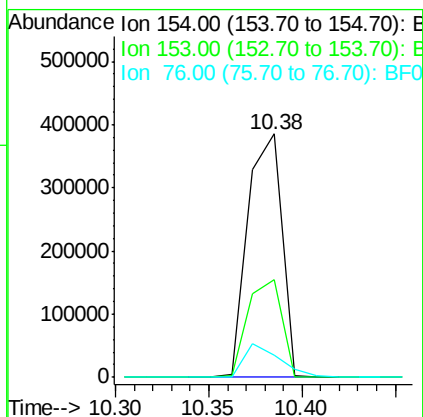
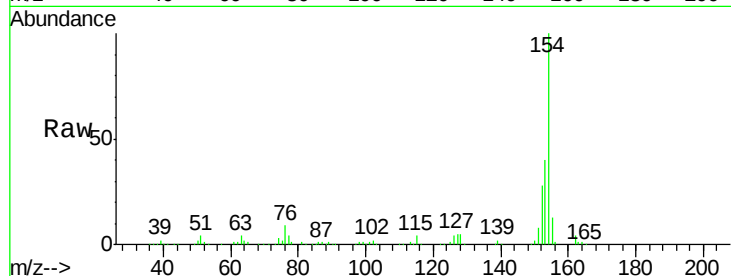
#45
 1,1'-Biphenyl
 Concen: 40.36 ng
 RT: 10.38 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.9	20.2	60.2	
76	9.1	0.0	29.4	

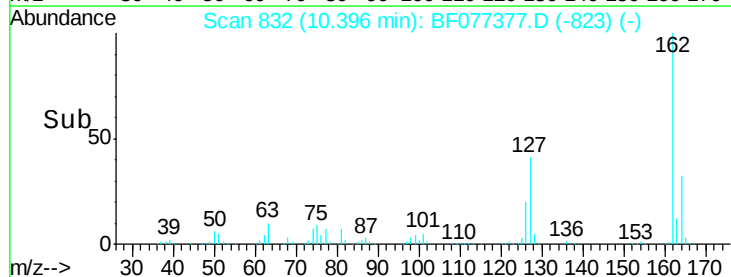
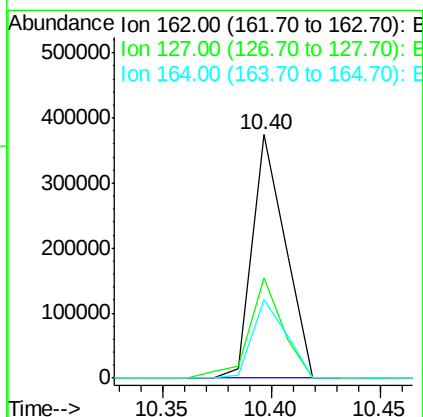
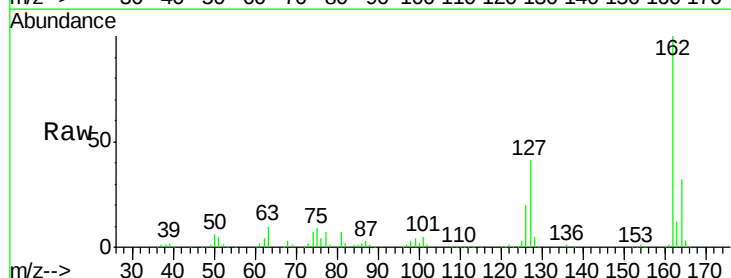
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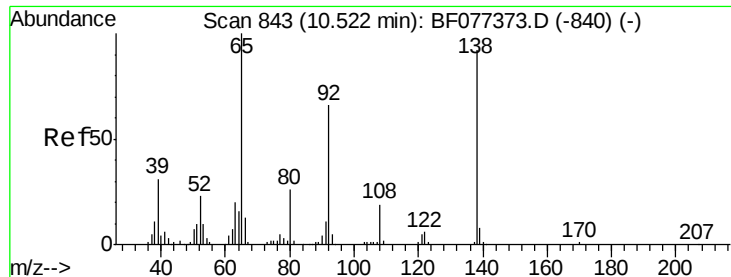
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#46
 2-Chloronaphthalene
 Concen: 40.94 ng
 RT: 10.40 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.2	33.3	49.9	
164	32.4	26.2	39.4	





#47

2-Nitroaniline

Concen: 42.18 ng

RT: 10.52 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

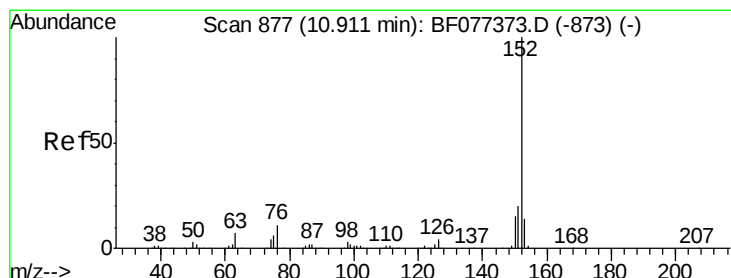
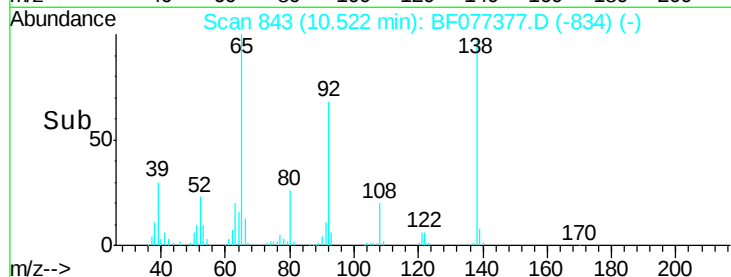
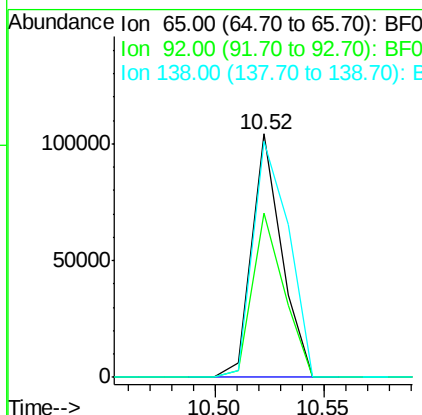
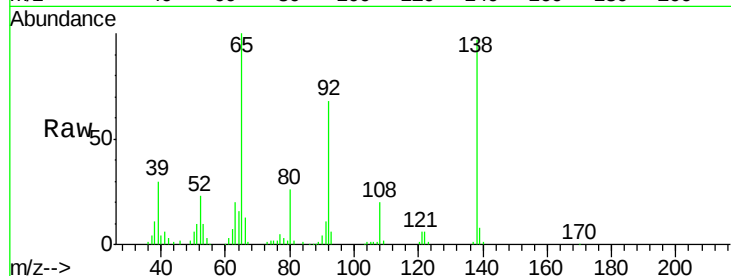
ClientSampleId :

ICVBF021915

Tot Ion:	65	Resp:	100040
Ion Ratio	Lower	Upper	
65	100		
92	67.5	52.4	78.6
138	96.9	73.4	110.0

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#48

Acenaphthylene

Concen: 44.10 ng

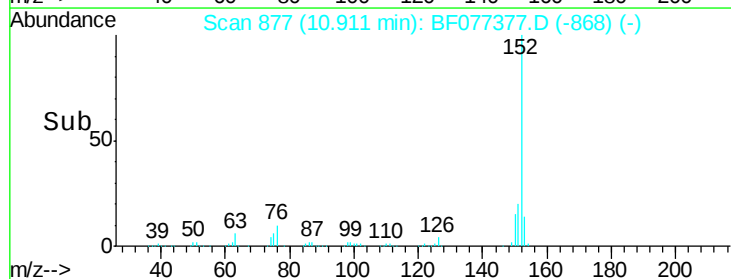
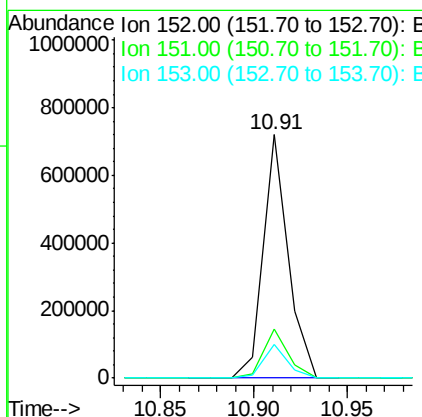
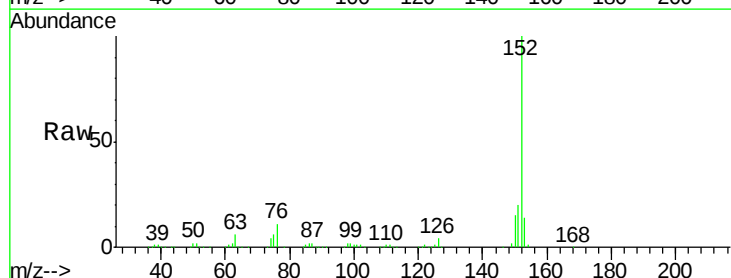
RT: 10.91 min Scan# 877

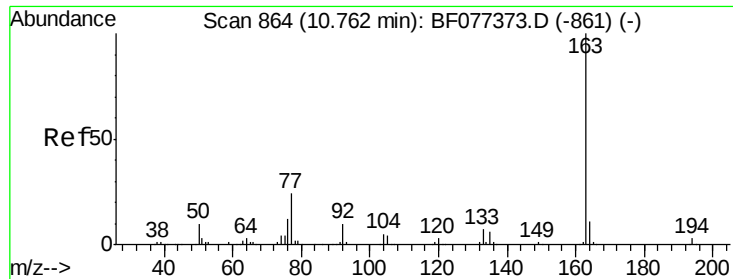
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	152	Resp:	672682
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.1	24.1
153	13.6	10.9	16.3





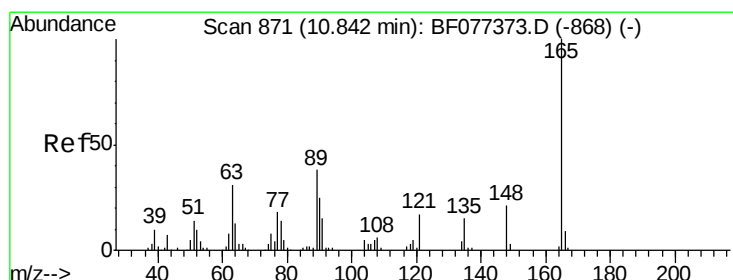
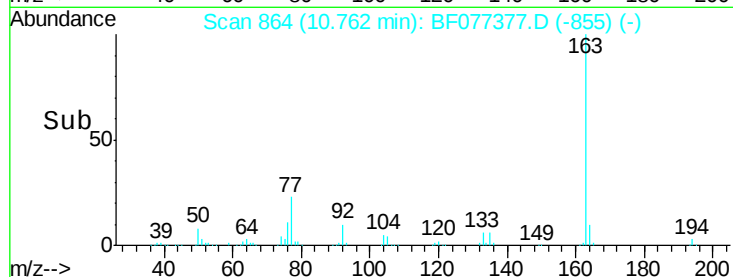
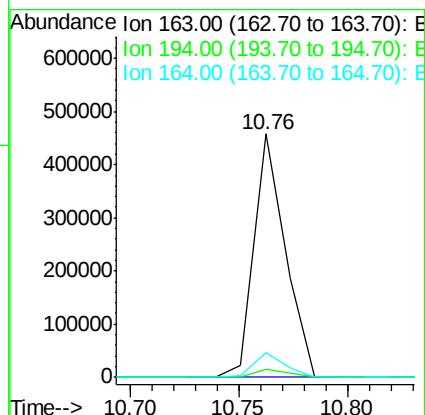
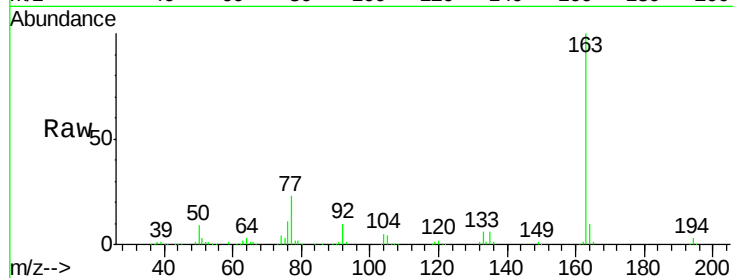
#49
Dimethylphthalate
Concen: 40.24 ng
RT: 10.76 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ratio	Resp	Lower	Upper
163	100	458637		
194	3.4	2.6	4.0	
164	10.4	8.6	13.0	

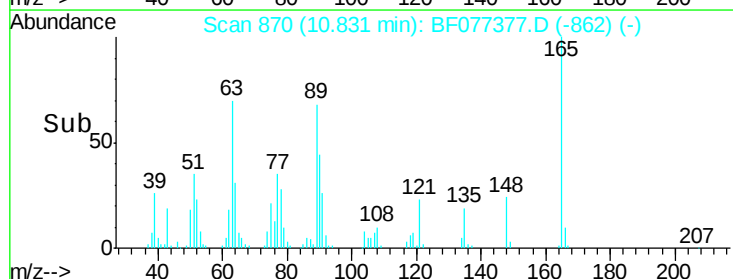
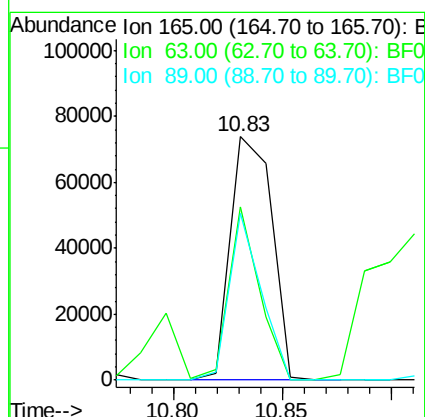
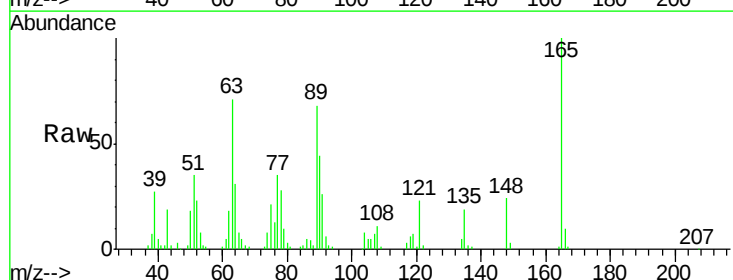
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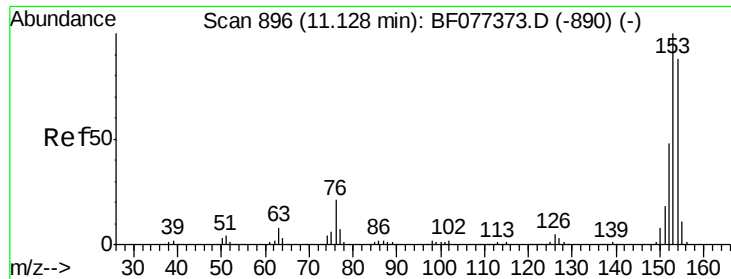
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#50
2,6-Dinitrotoluene
Concen: 42.76 ng
RT: 10.83 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	97731		
63	71.0	25.2	37.8#	
89	68.3	30.5	45.7#	





#51

Acenaphthene

Concen: 44.04 ng

RT: 11.13 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

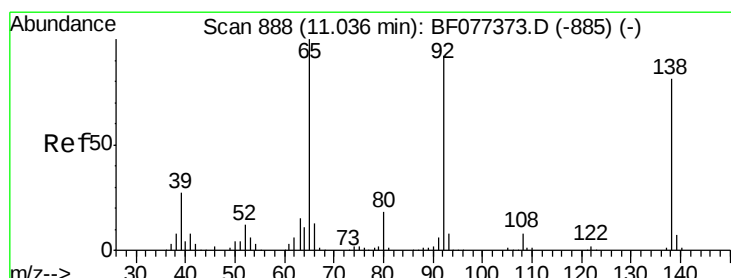
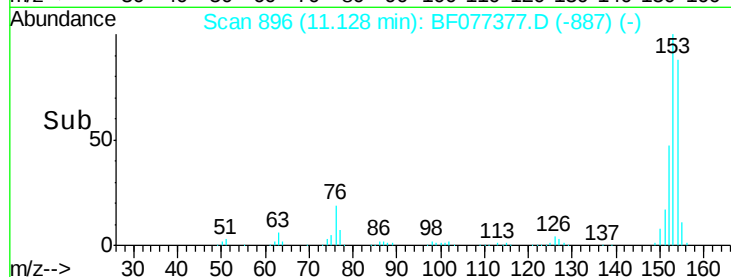
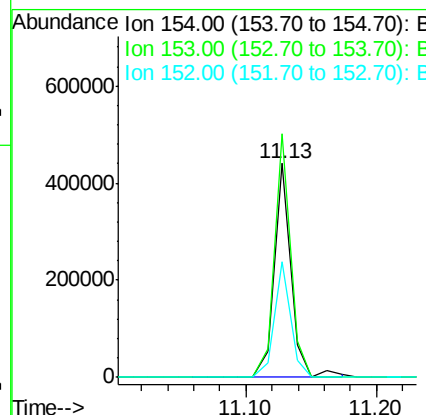
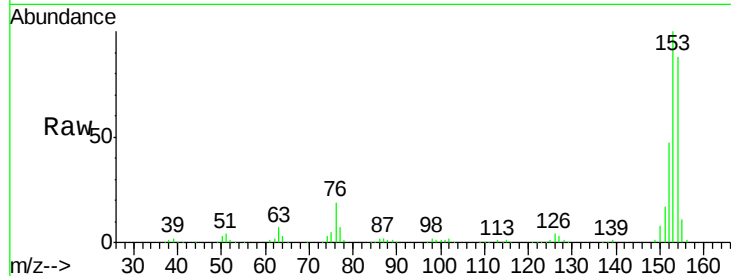
ClientSampleId :

ICVBF021915

Tot Ion:	154	Resp:	400803
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.5	135.7
152	54.0	43.5	65.3

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#52

3-Nitroaniline

Concen: 46.04 ng

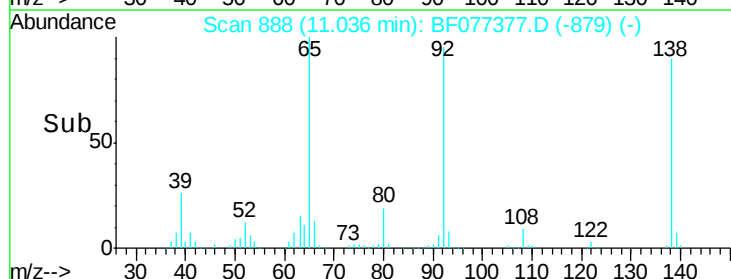
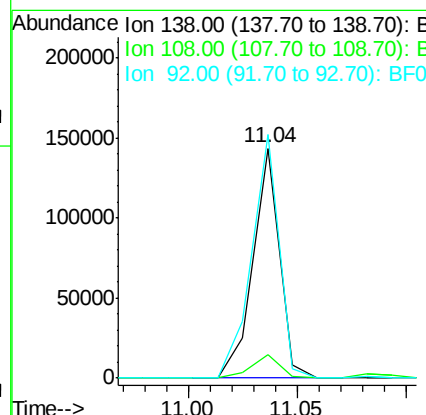
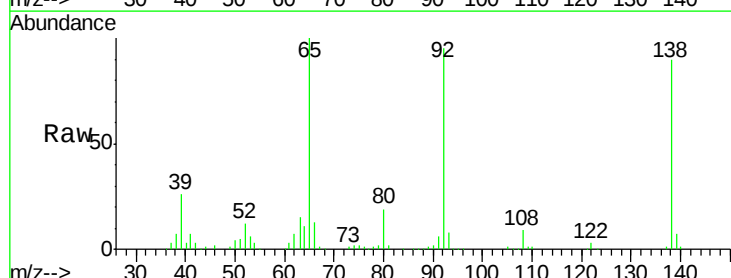
RT: 11.04 min Scan# 888

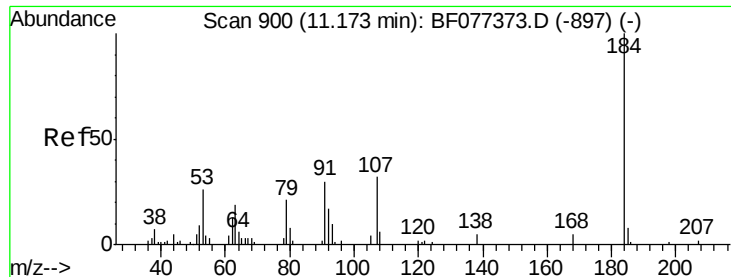
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	138	Resp:	121323
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.8	11.8
92	105.8	90.6	135.8





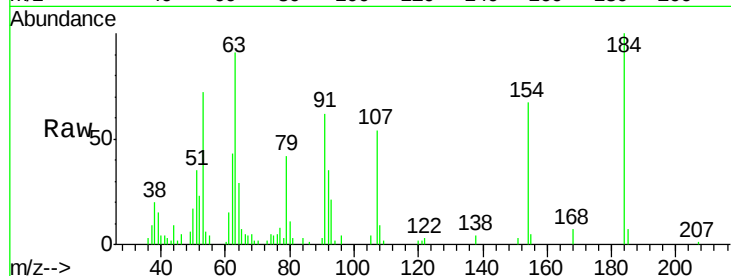
#53
2,4-Dinitrophenol
Concen: 37.79 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

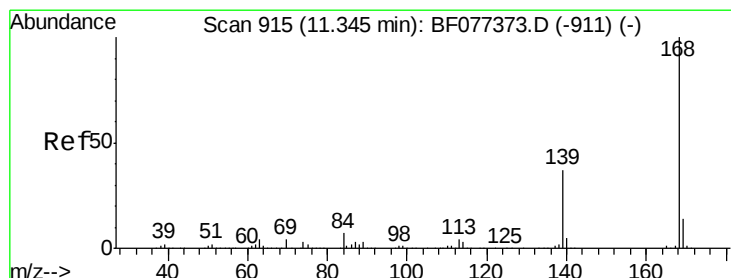
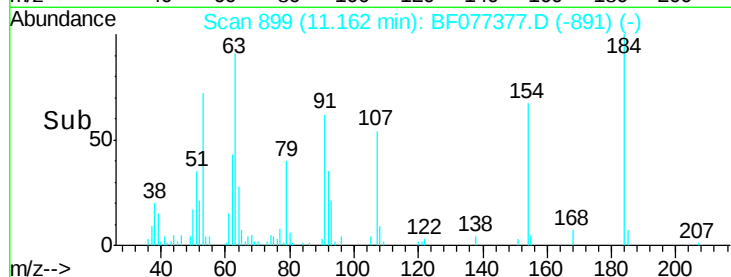
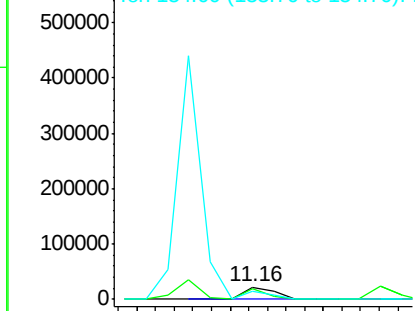
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	90.8	29.5	44.3	#
154	66.8	43.2	64.8	#

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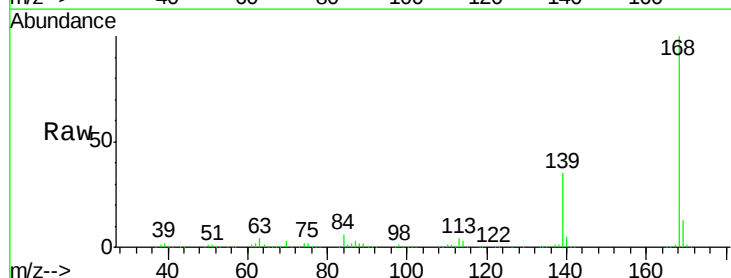


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

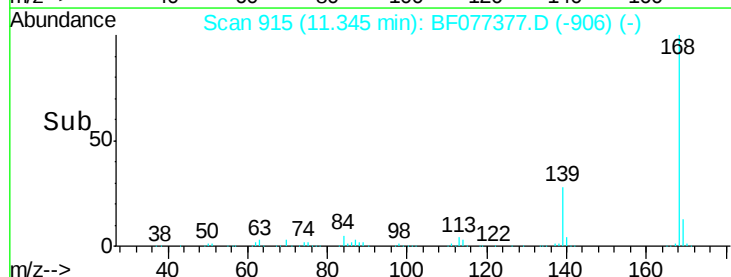
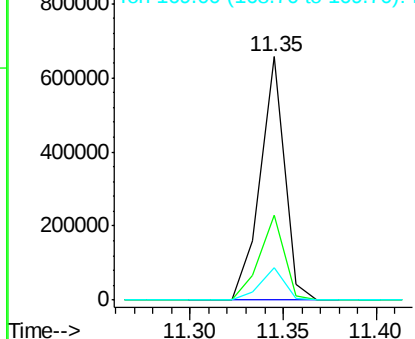


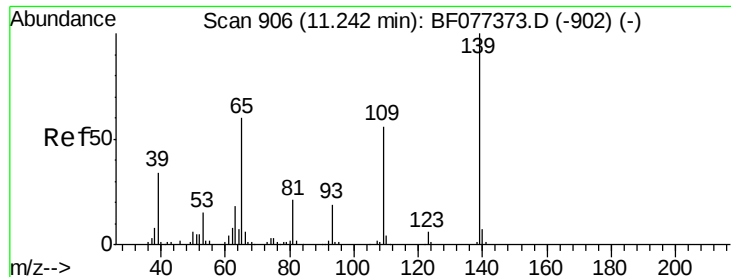
#54
Dibenzofuran
Concen: 42.08 ng
RT: 11.35 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.0	29.3	43.9	
169	13.4	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





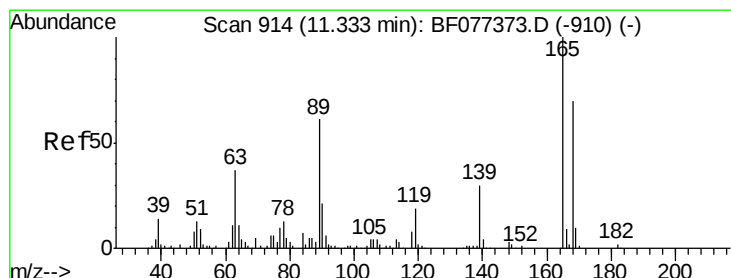
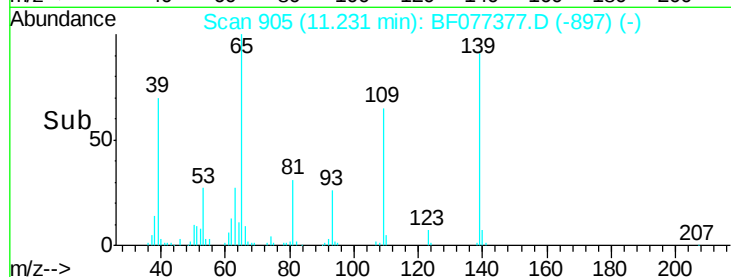
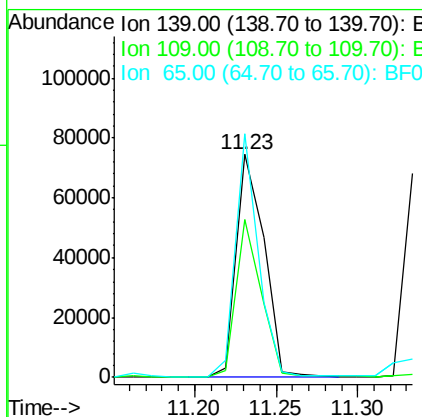
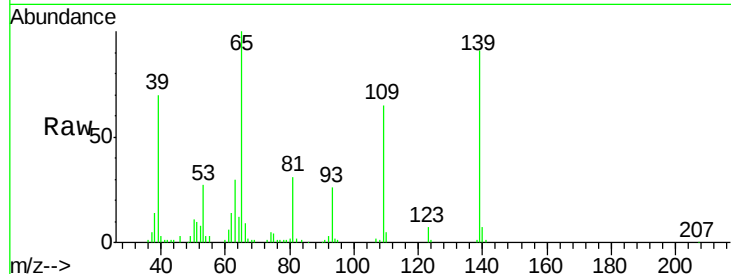
#55
4-Nitrophenol
Concen: 41.29 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ratio	Resp	Lower	Upper
139	100	87522		
109	71.0	36.2	76.2	
65	109.3	40.3	80.3	

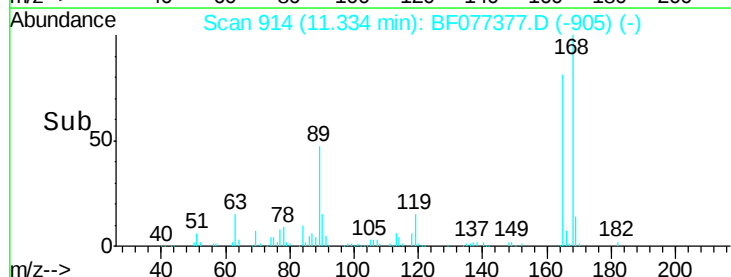
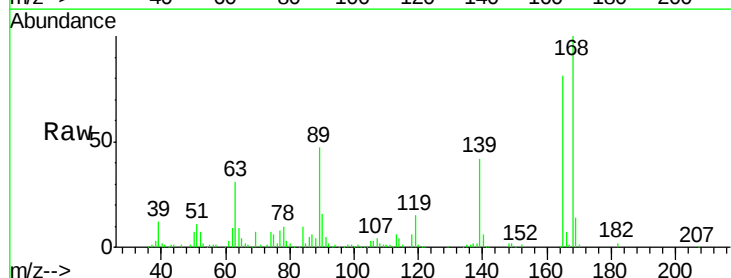
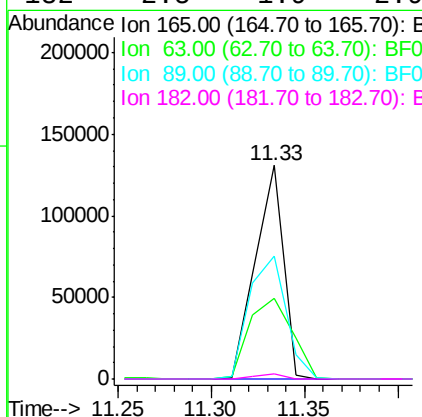
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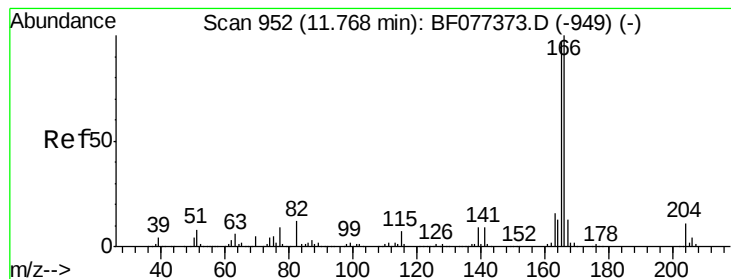
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#56
2,4-Dinitrotoluene
Concen: 44.09 ng
RT: 11.33 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136187		
63	37.9	29.8	44.8	
89	57.4	48.5	72.7	
182	2.5	1.9	2.9	





#57

Fluorene

Concen: 43.24 ng

RT: 11.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

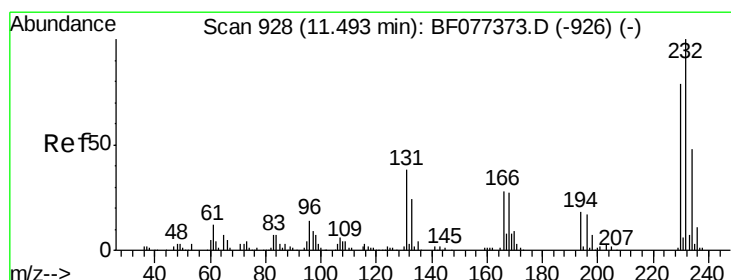
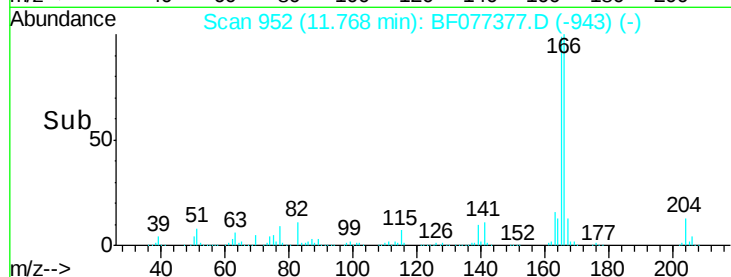
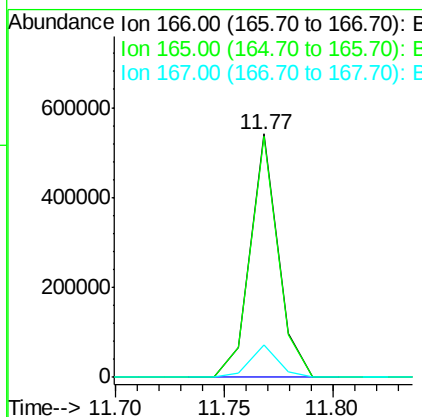
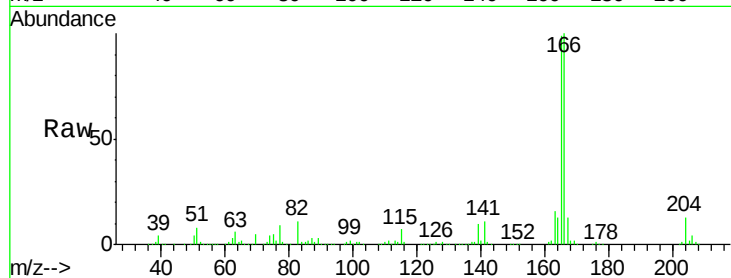
ClientSampleId :

ICVBF021915

Tot Ion:	166	Resp:	485838
Ion Ratio		Lower	Upper
166	100		
165	98.9	77.6	116.4
167	13.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.29 ng

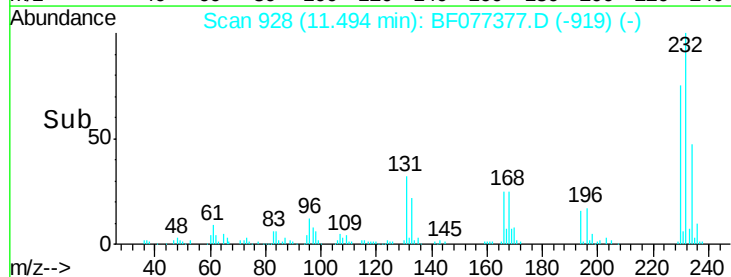
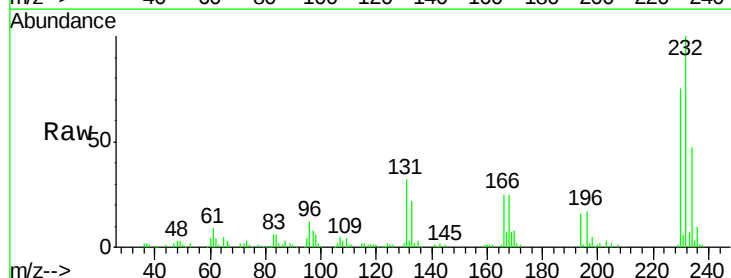
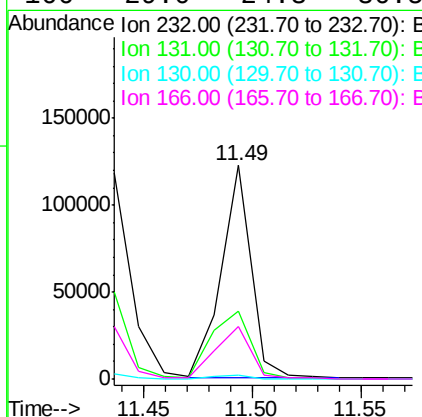
RT: 11.49 min Scan# 928

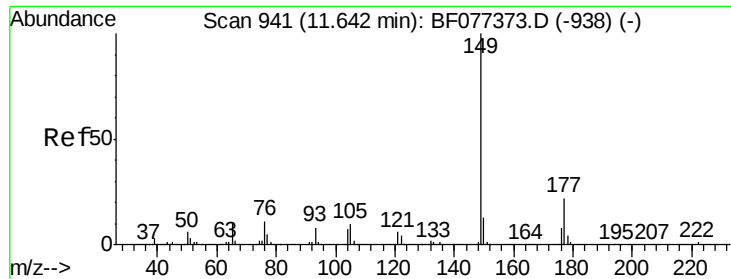
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	232	Resp:	117308
Ion Ratio		Lower	Upper
232	100		
131	41.7	34.2	51.2
130	2.0	1.8	2.6
166	29.0	24.3	36.5





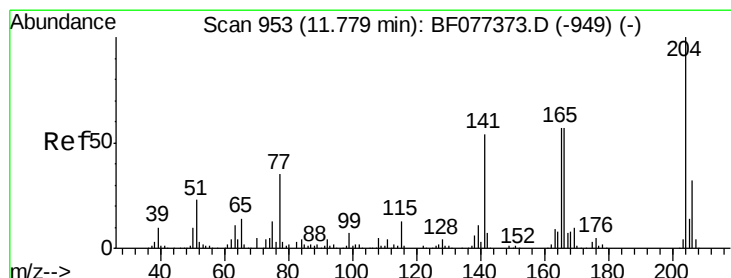
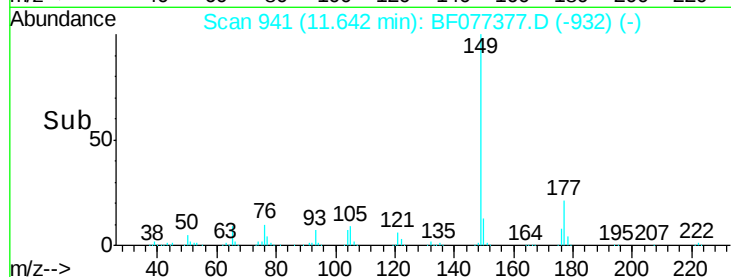
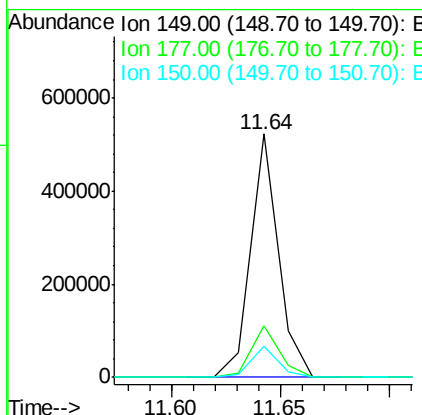
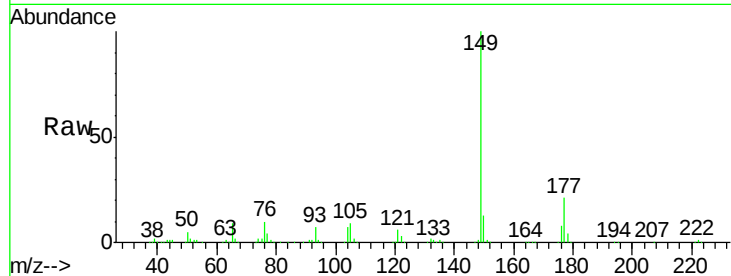
#59
Diethylphthalate
Concen: 41.14 ng
RT: 11.64 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ratio	Resp	Lower	Upper
149	100	462241		
177	21.5	17.2	25.8	
150	12.9	10.5	15.7	

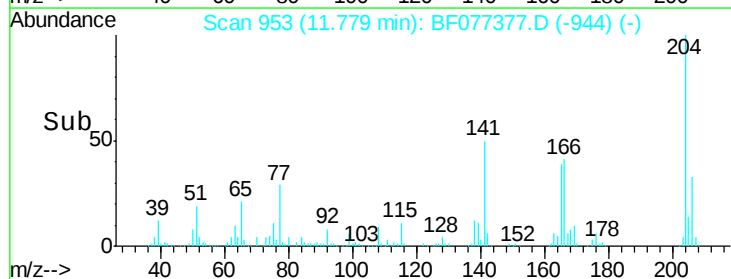
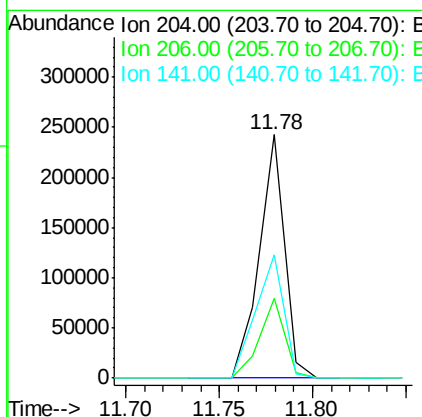
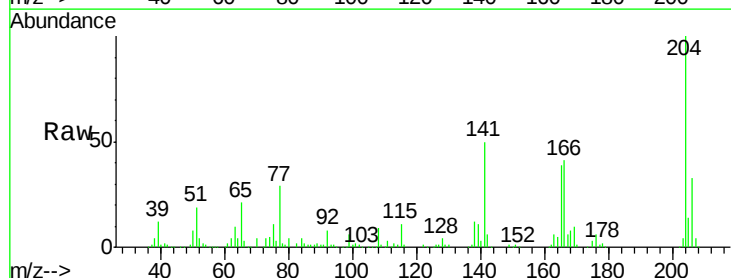
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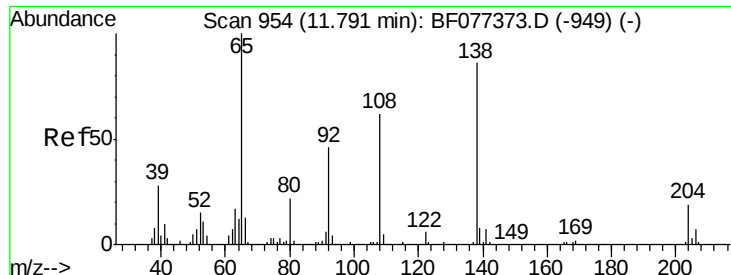
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 41.65 ng
RT: 11.78 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	225494		
206	33.0	25.9	38.9	
141	50.4	43.6	65.4	





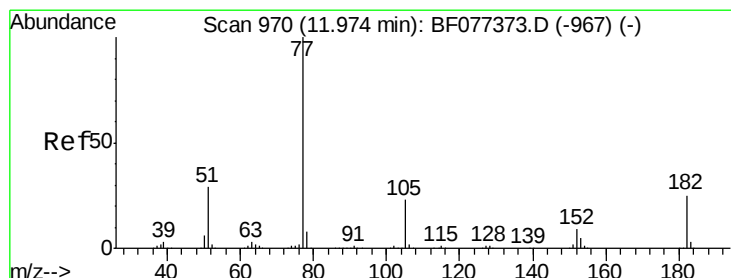
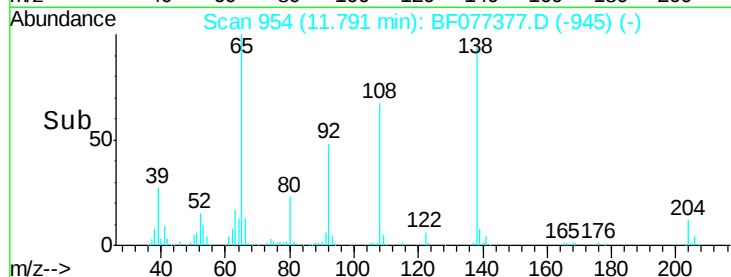
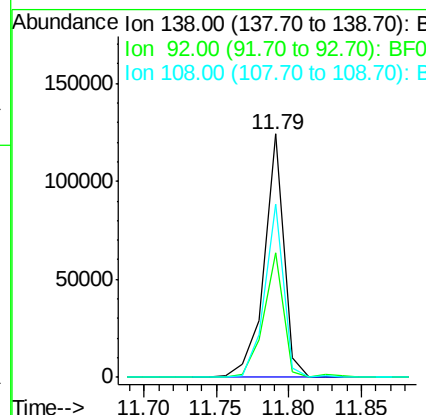
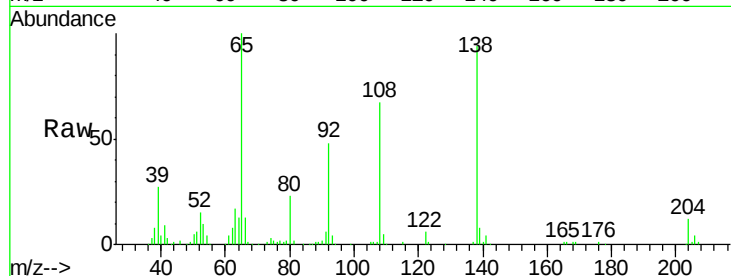
#61
4-Nitroaniline
Concen: 46.45 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ratio	Resp	Lower	Upper
138	100	117332		
92	51.0	32.8	72.8	
108	71.4	52.1	92.1	

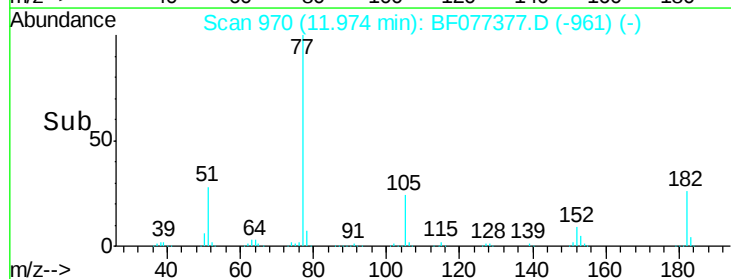
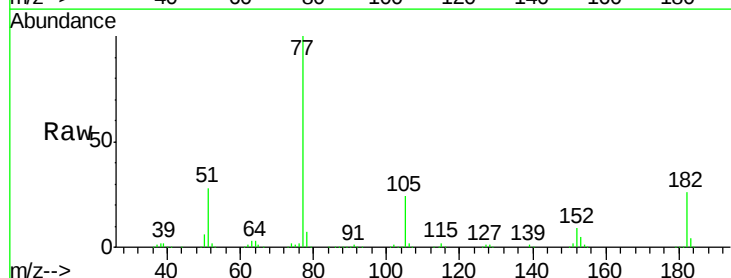
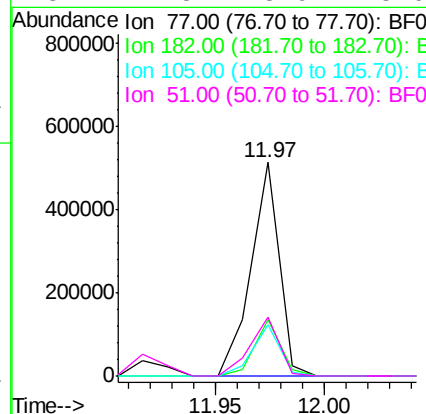
Manual Integrations
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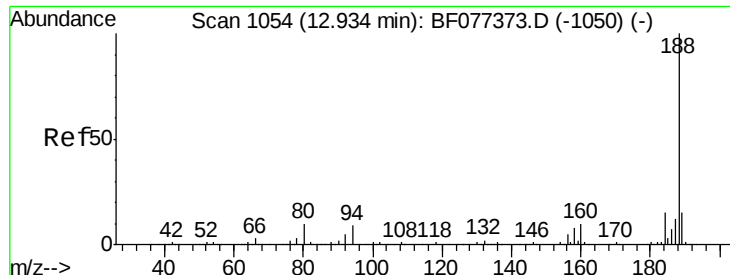
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#62
Azobenzene
Concen: 43.53 ng
RT: 11.97 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	464127		
182	26.5	4.9	44.9	
105	23.9	3.3	43.3	
51	27.8	8.9	48.9	





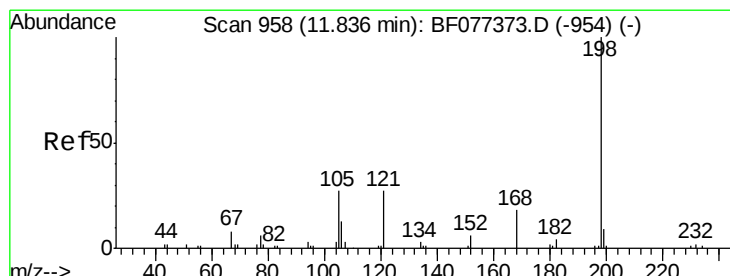
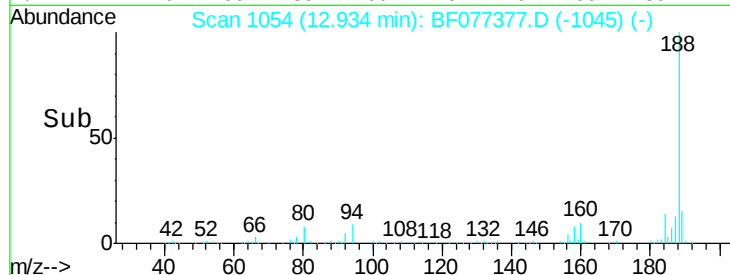
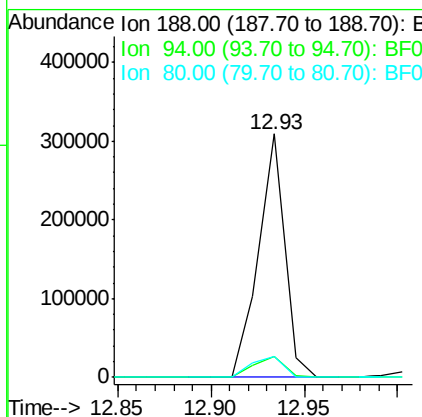
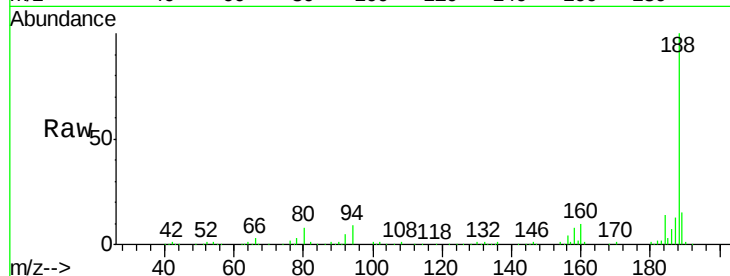
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.93 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	7.4	11.2
80	8.4	8.0	12.0

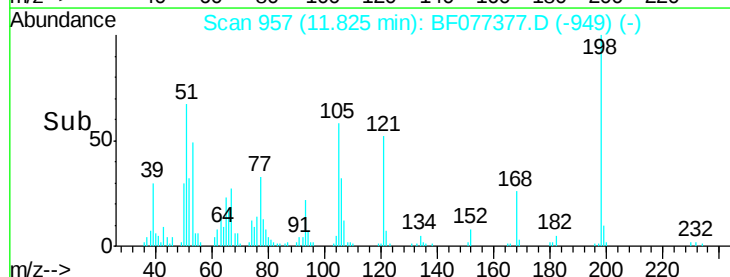
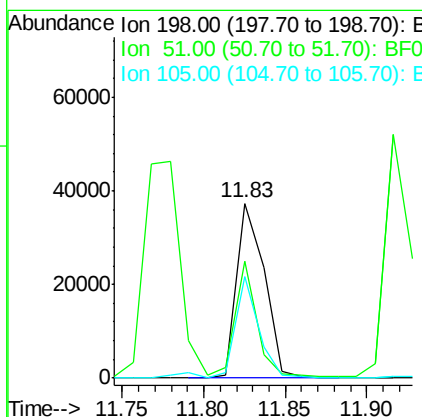
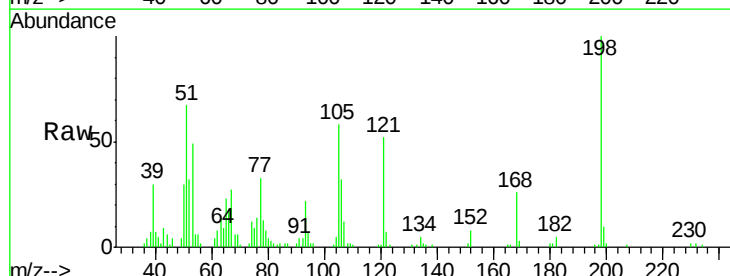
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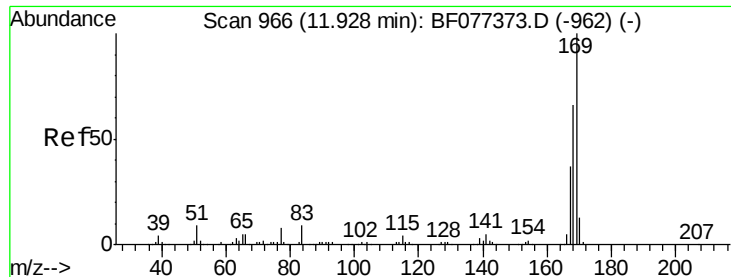
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.06 ng
 RT: 11.83 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	66.6	2.7	42.7#
105	58.3	10.0	50.0#





#65

n-Nitrosodiphenylamine

Concen: 42.14 ng

RT: 11.93 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

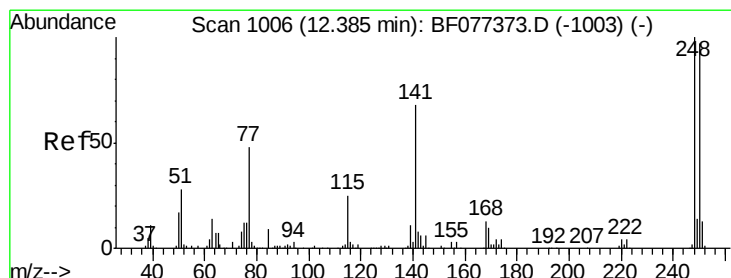
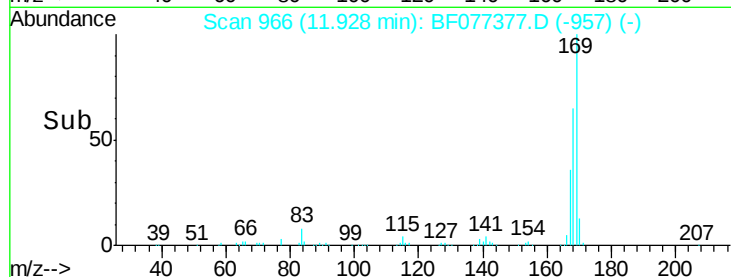
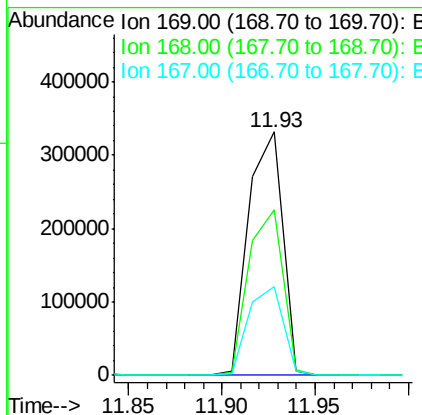
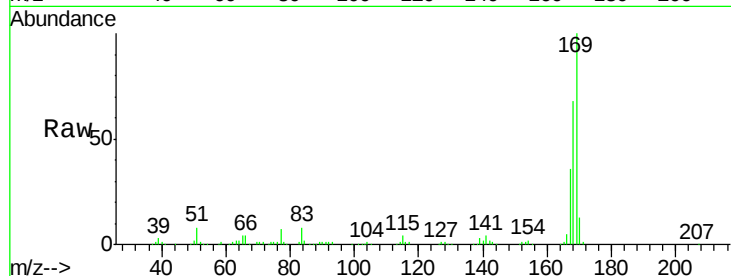
ClientSampleId :

ICVBF021915

Tot Ion:	169	Resp:	421336
Ion Ratio	Lower	Upper	
169	100		
168	68.1	53.0	79.6
167	36.4	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 40.84 ng

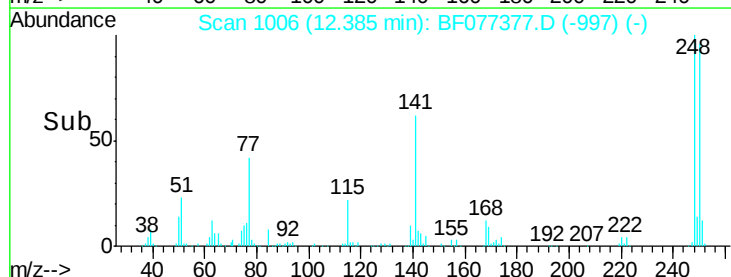
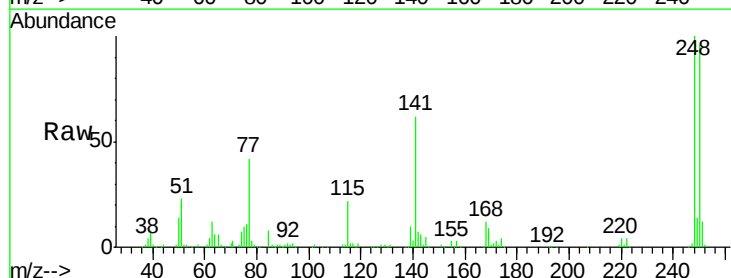
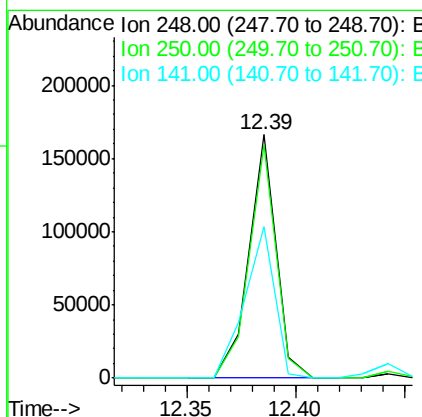
RT: 12.39 min Scan# 1006

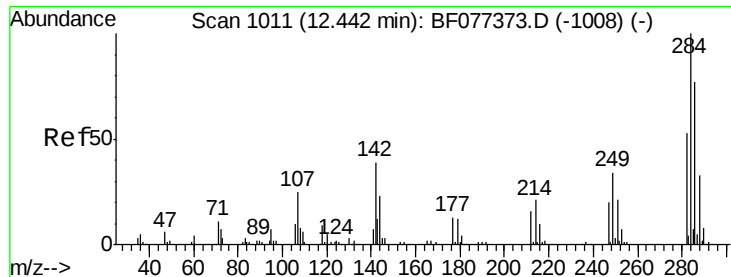
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	248	Resp:	144114
Ion Ratio	Lower	Upper	
248	100		
250	96.1	78.0	117.0
141	62.1	54.1	81.1





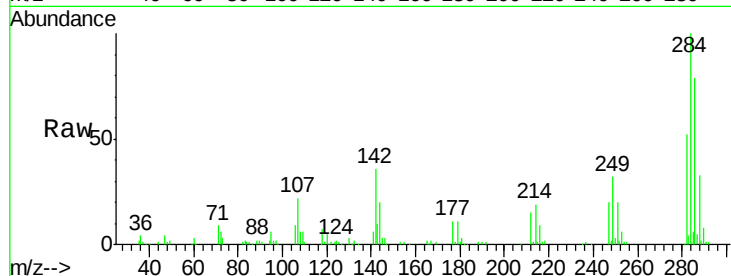
#67
Hexachlorobenzene
Concen: 41.01 ng
RT: 12.44 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

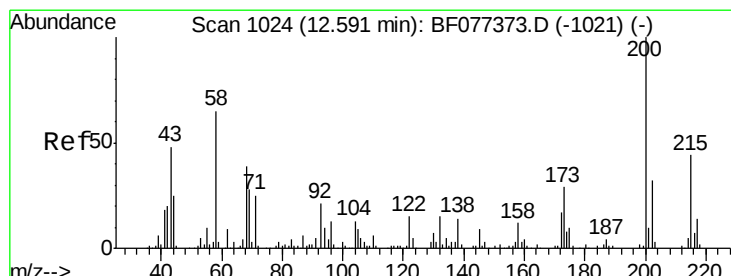
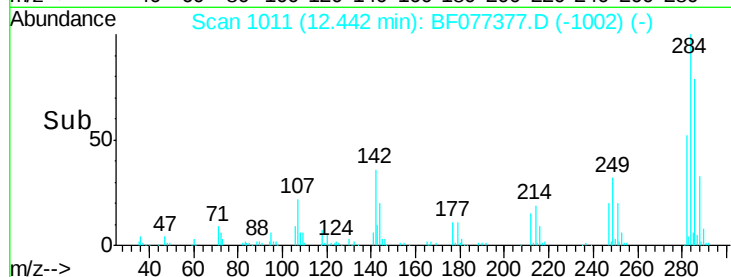
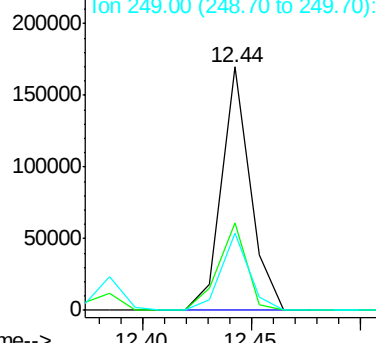
Tot Ion	Ratio	Resp	Lower	Upper
284	100	155328		
142	35.9	31.6	47.4	
249	31.9	27.0	40.4	

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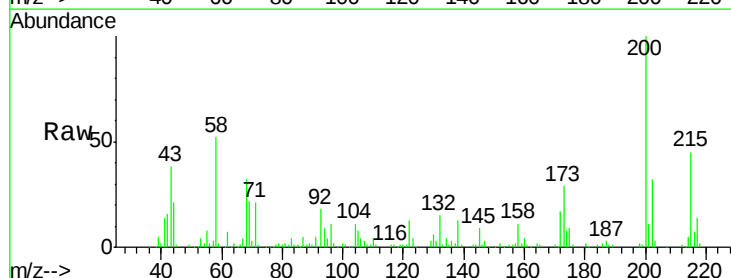


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

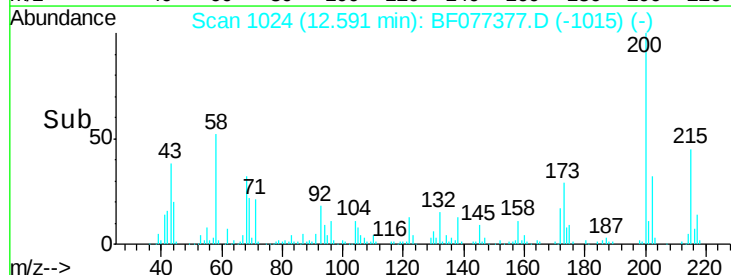
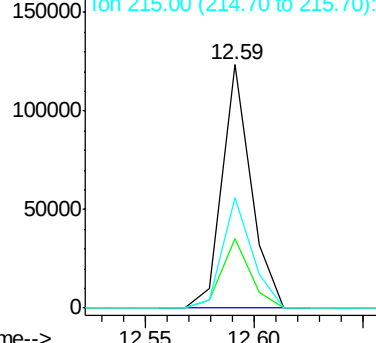


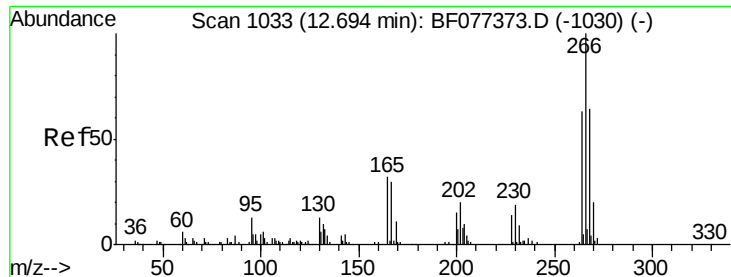
#68
Atrazine
Concen: 35.01 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	113798		
173	28.7	9.6	49.6	
215	45.2	24.4	64.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





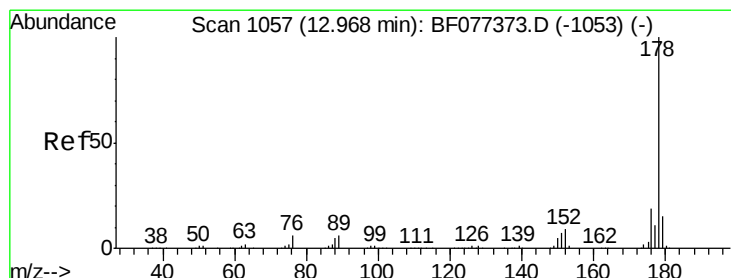
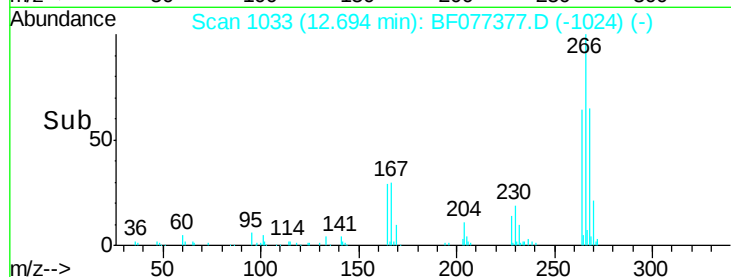
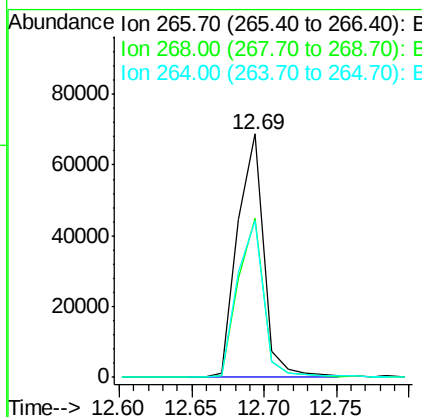
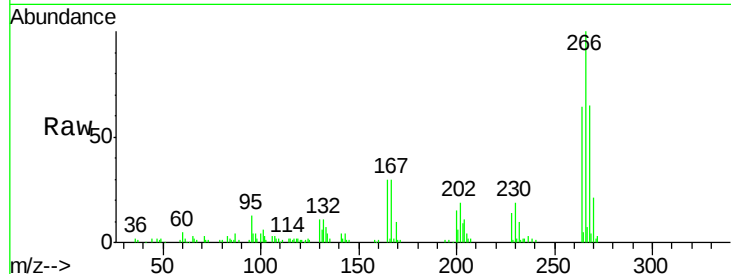
#69
 Pentachlorophenol
 Concen: 43.71 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.2	76.8
264	64.2	50.7	76.1

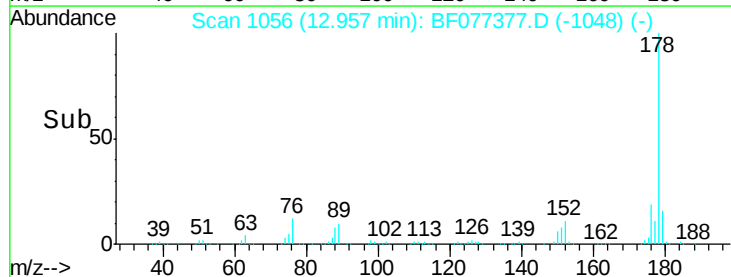
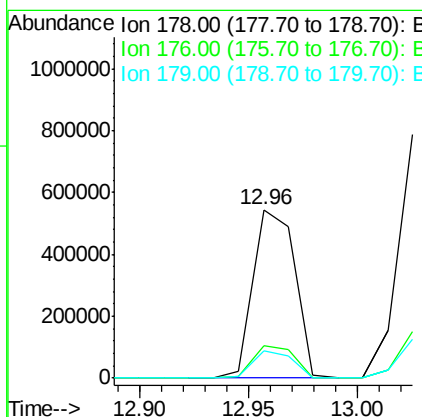
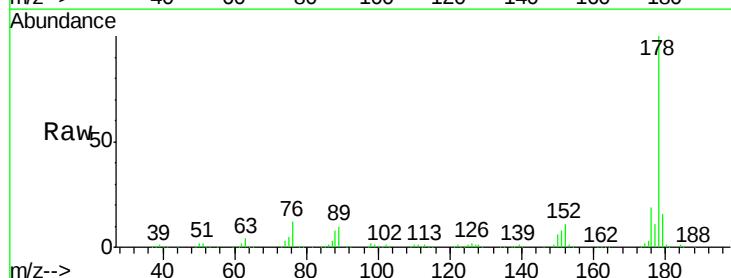
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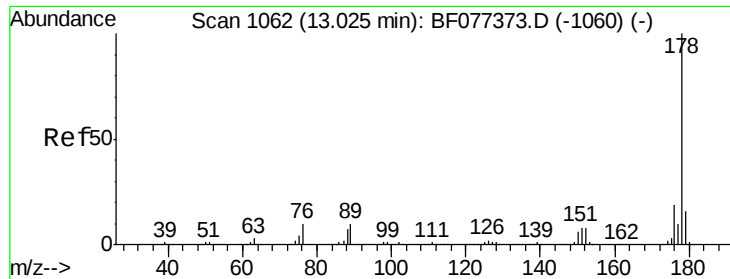
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#70
 Phenanthrene
 Concen: 41.86 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.9	12.2	18.2





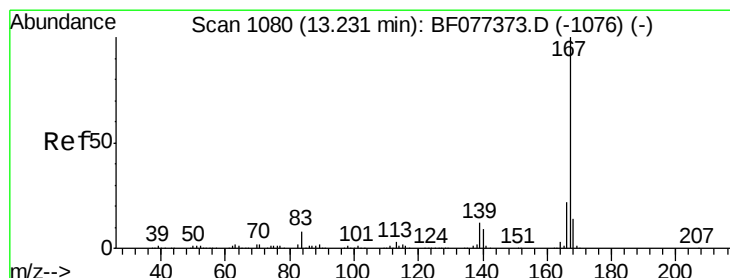
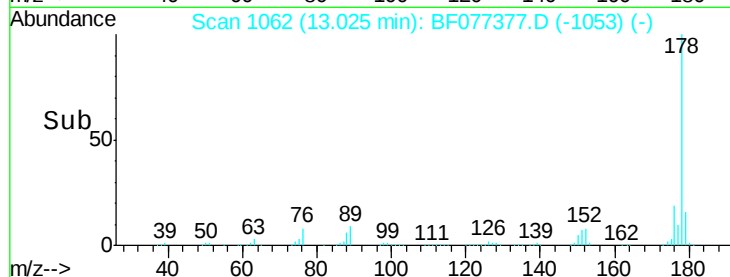
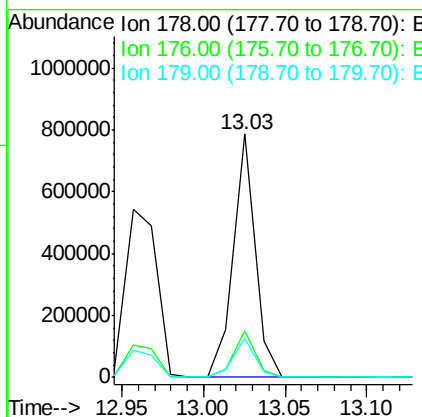
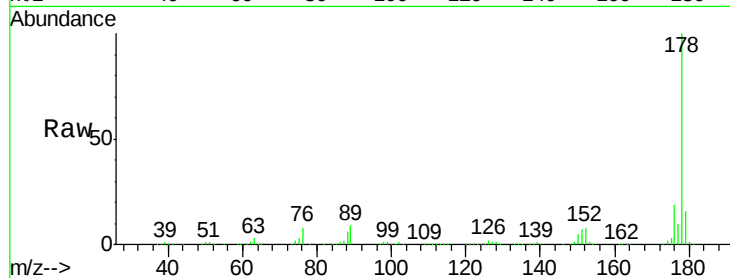
#71
 Anthracene
 Concen: 41.95 ng
 RT: 13.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.7	12.9	19.3

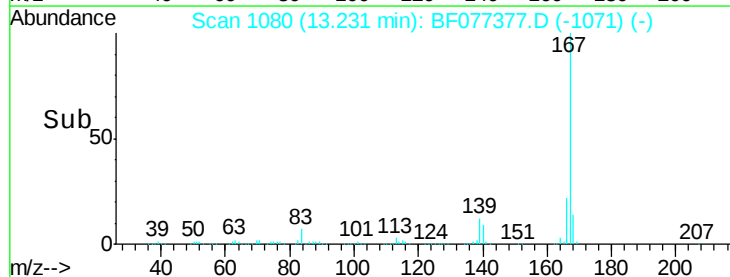
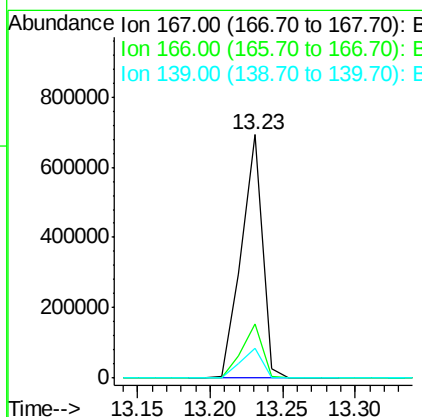
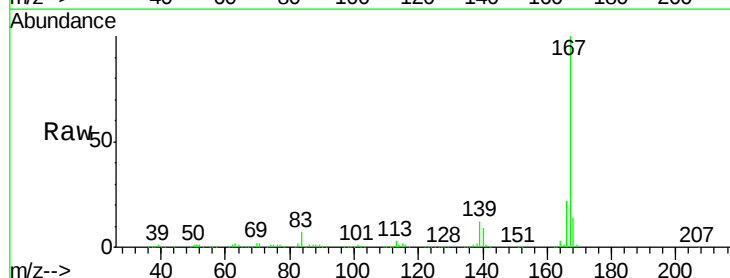
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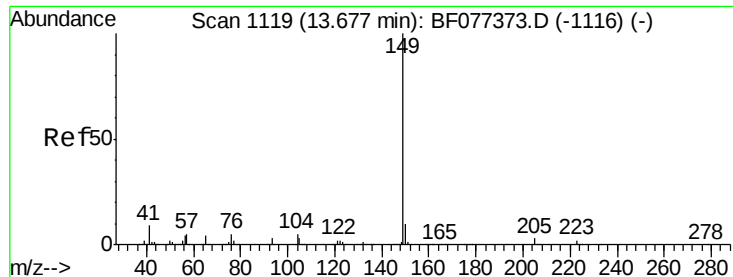
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#72
 Carbazole
 Concen: 42.53 ng
 RT: 13.23 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.4	9.9	14.9





#73

Di-n-butylphthalate

Concen: 41.60 ng

RT: 13.68 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

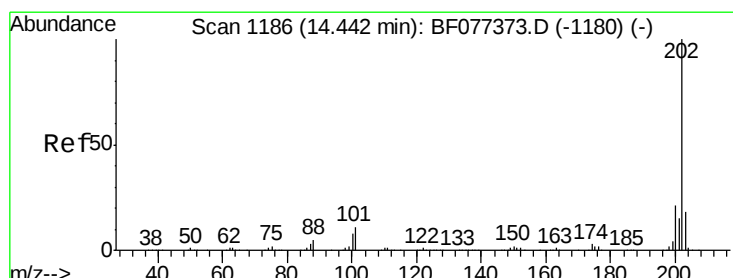
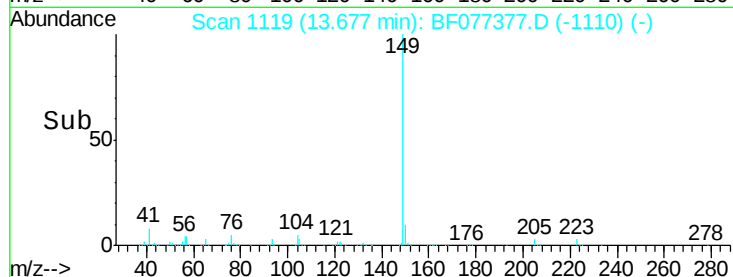
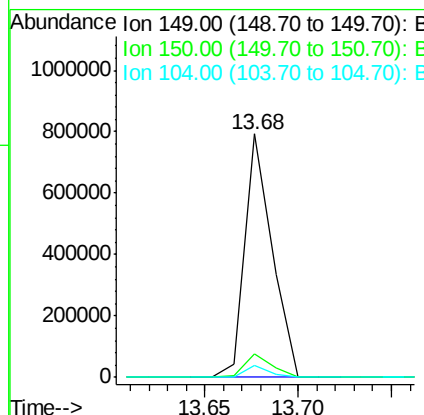
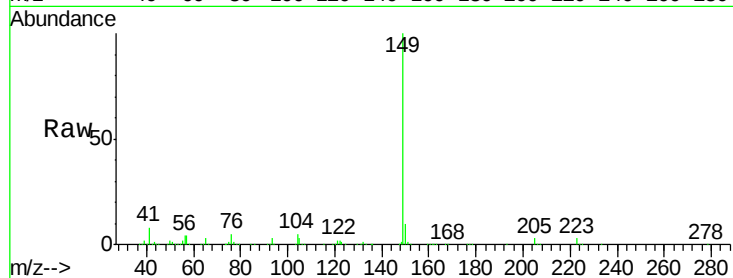
ClientSampleId :

ICVBF021915

Tot Ion:	149	Resp:	805178
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.8
104	5.0	4.1	6.1

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#74

Fluoranthene

Concen: 44.38 ng

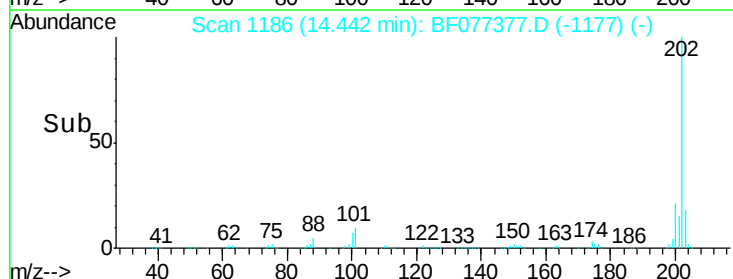
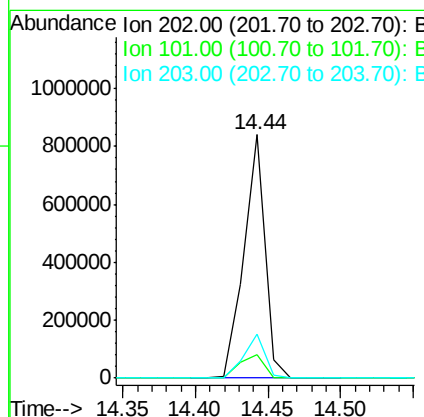
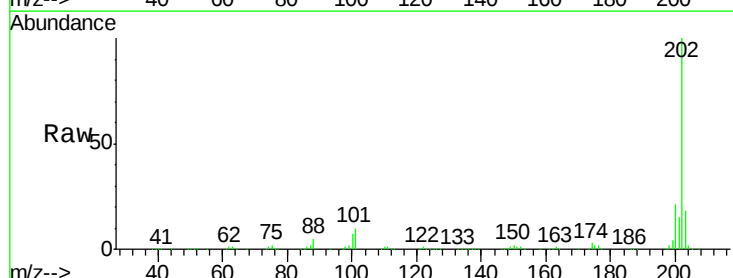
RT: 14.44 min Scan# 1186

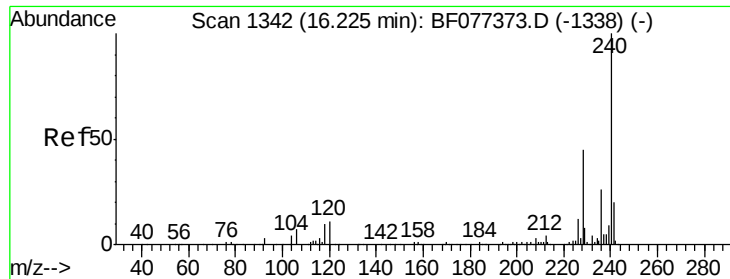
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	202	Resp:	846714
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.8
203	18.0	0.0	37.7





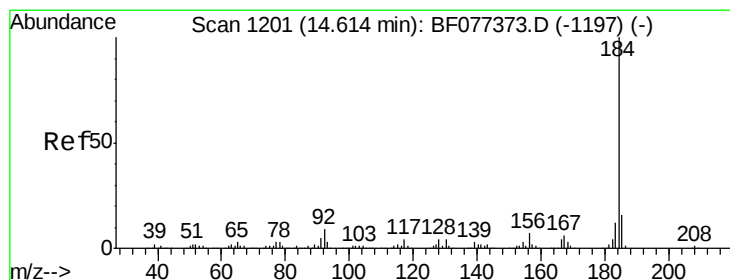
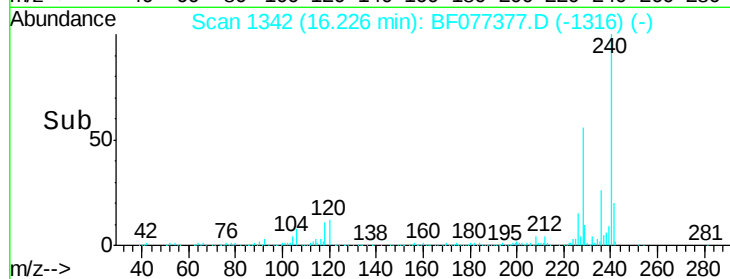
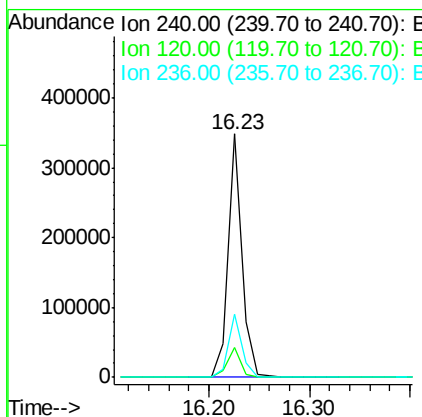
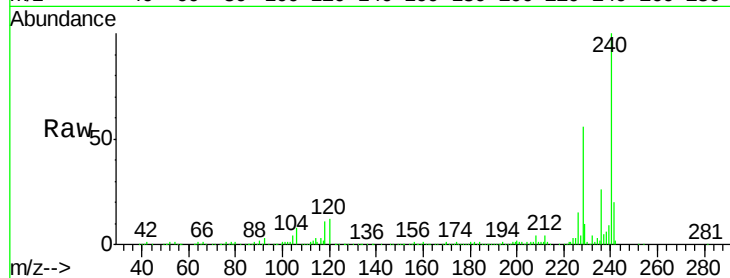
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Tot Ion	Ratio	Resp	Lower	Upper
240	100	333326		
120	12.2		8.8	13.2
236	25.9		20.7	31.1

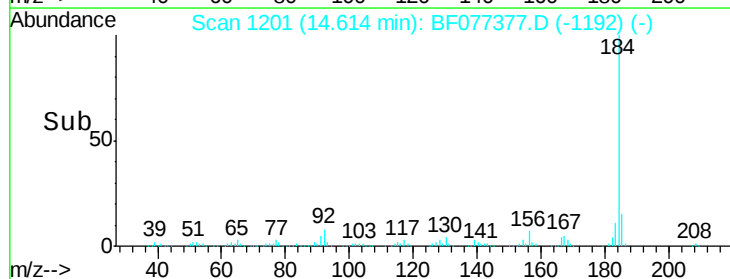
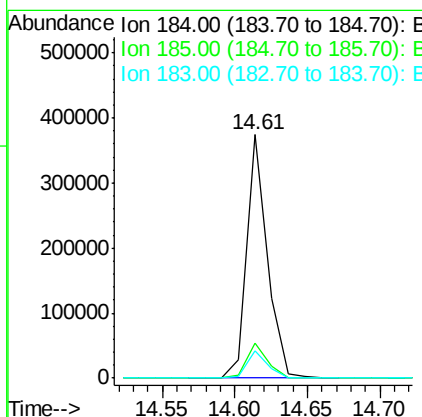
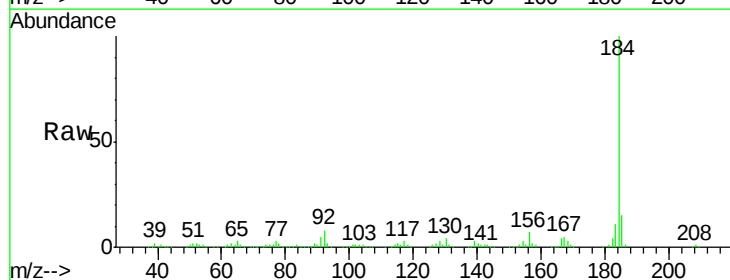
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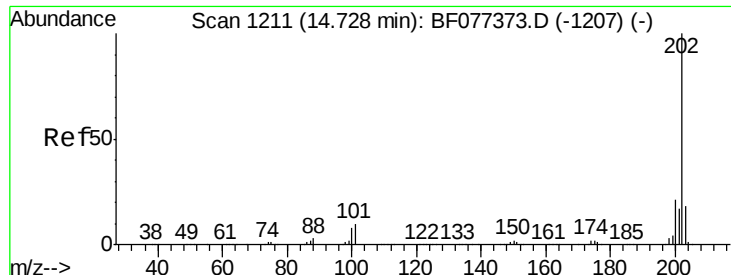
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#76
 Benzidine
 Concen: 32.78 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	369210		
185	14.6		12.6	18.8
183	11.3		9.3	13.9





#77

Pvrene

Concen: 41.54 ng

RT: 14.72 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

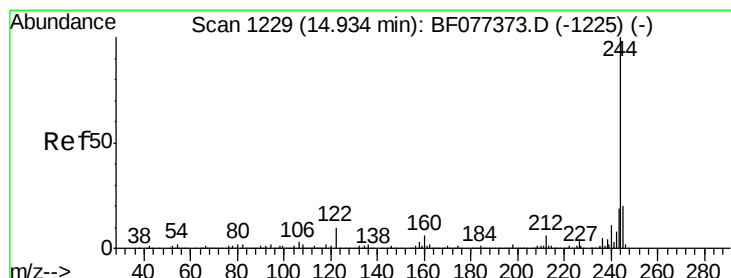
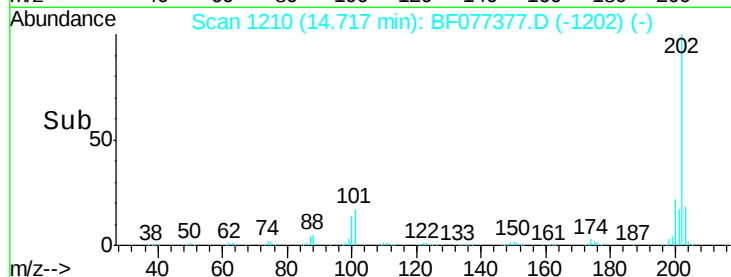
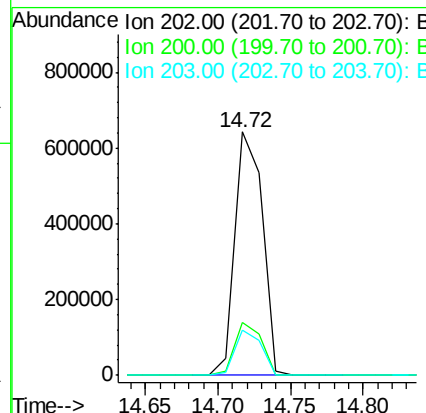
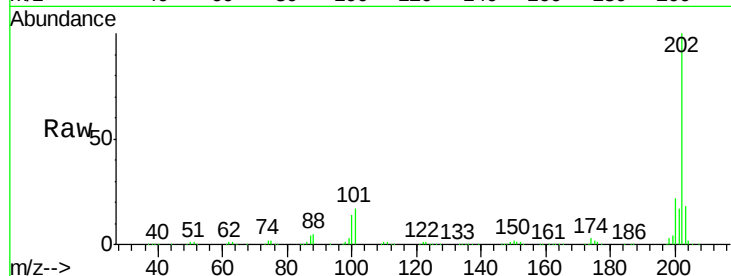
ClientSampleId :

ICVBF021915

Tot Ion:	202	Resp:	846895
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.1	25.7
203	18.3	14.2	21.2

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#78

Terphenyl-d14

Concen: 83.14 ng

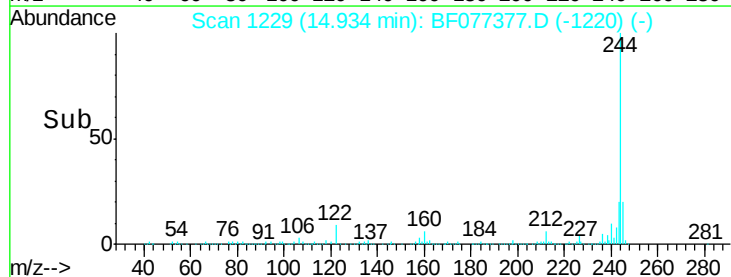
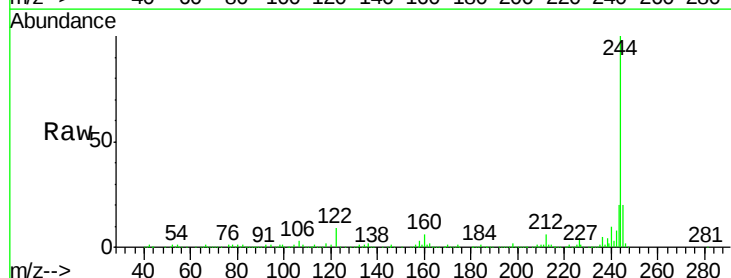
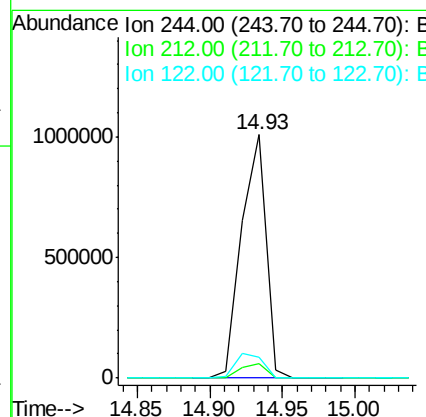
RT: 14.93 min Scan# 1229

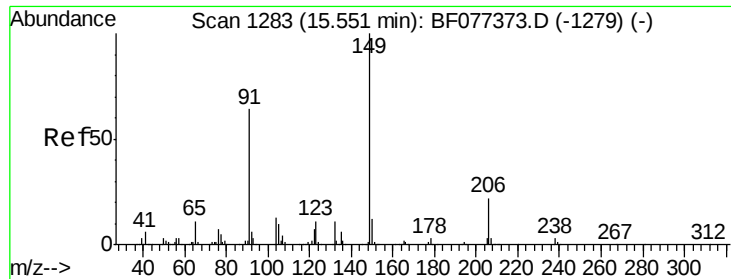
Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	244	Resp:	1185482
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.2	7.8
122	8.6	7.8	11.8





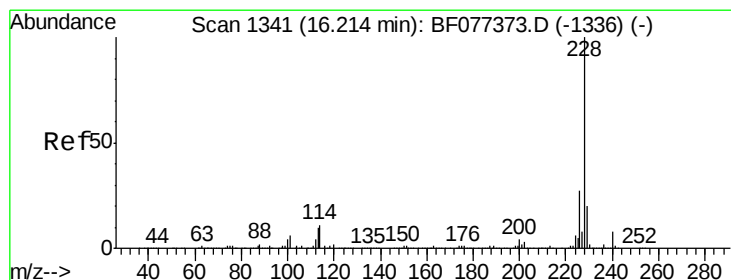
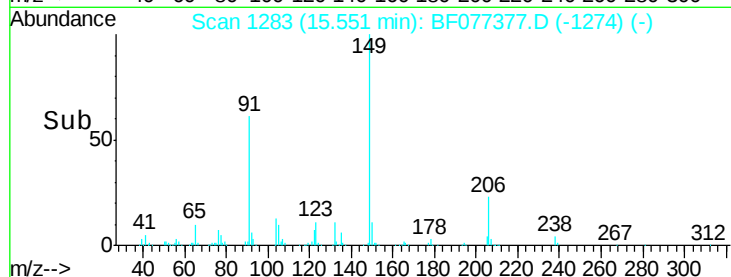
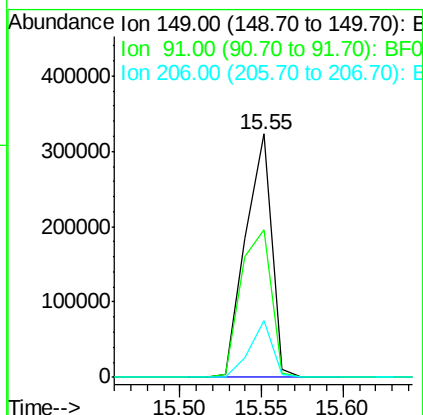
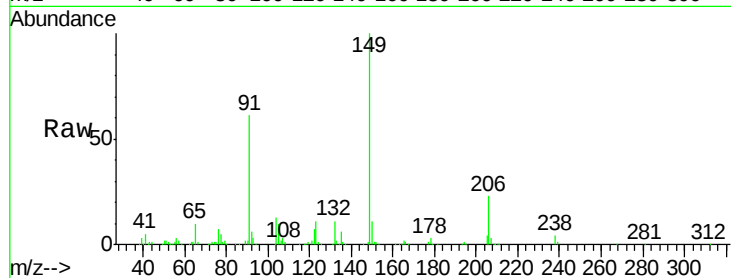
#79
Butylbenzylphthalate
Concen: 42.70 ng
RT: 15.55 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tot Ion	Ratio	Resp	Lower	Upper
149	100	358162		
91	60.5	51.2	76.8	
206	23.3	17.8	26.8	

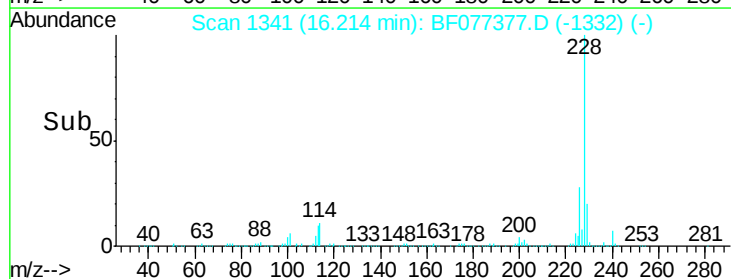
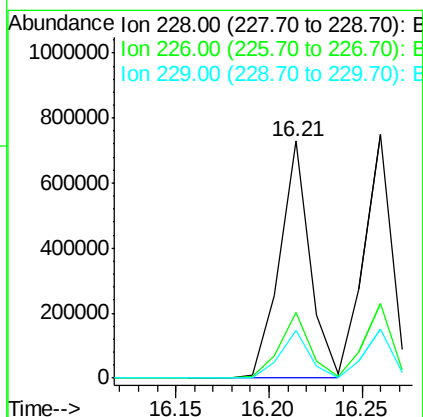
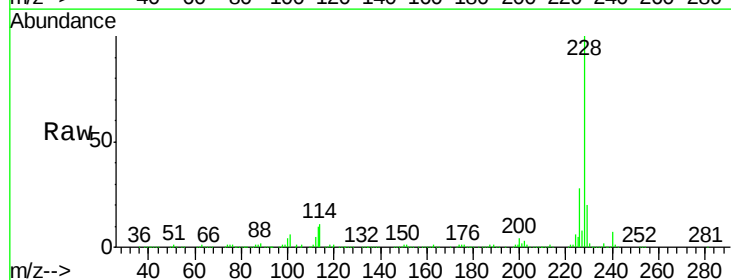
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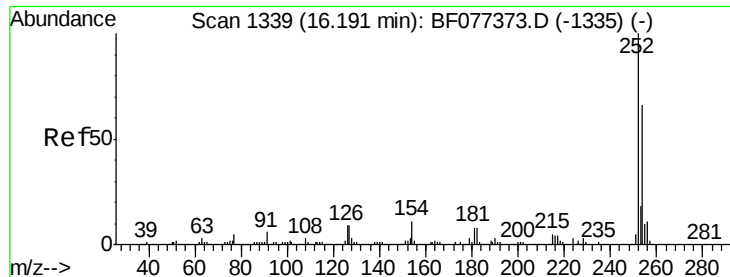
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#80
Benzo(a)anthracene
Concen: 42.12 ng
RT: 16.21 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	822925		
226	28.0	22.0	33.0	
229	20.4	15.8	23.8	





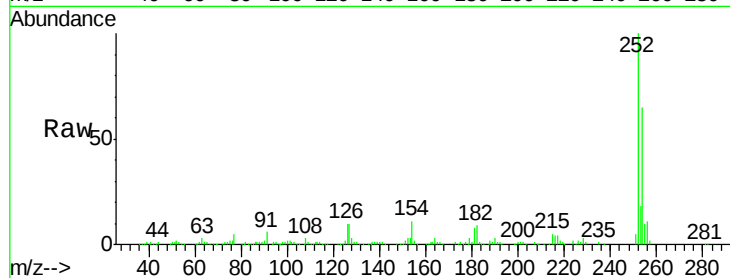
#81
 3,3'-Dichlorobenzidine
 Concen: 38.12 ng
 RT: 16.19 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

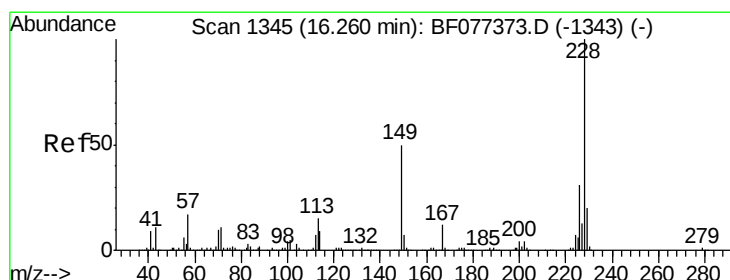
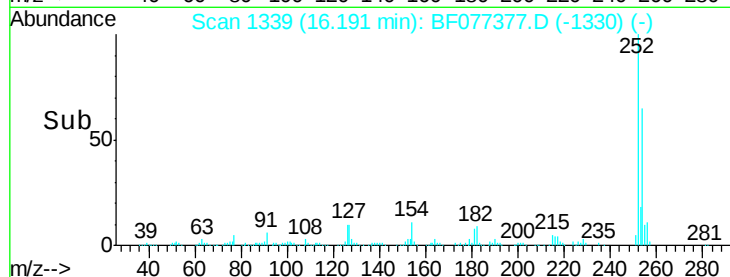
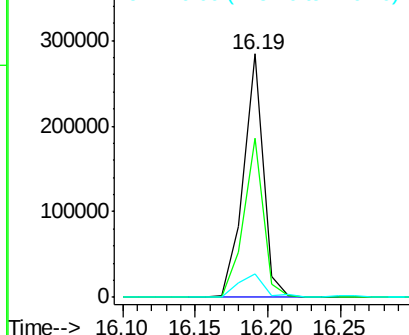
Tot Ion	Ratio	Resp	Lower	Upper
252	100	272860		
254	65.4	52.9	79.3	
126	9.7	7.3	10.9	

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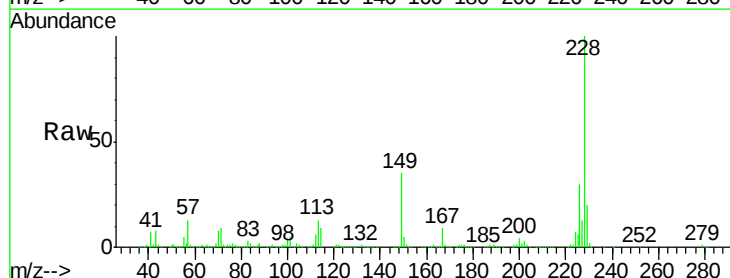


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

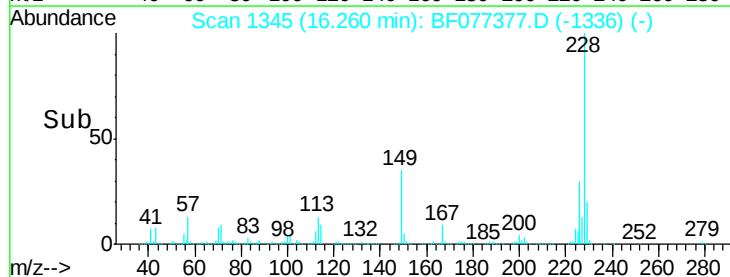
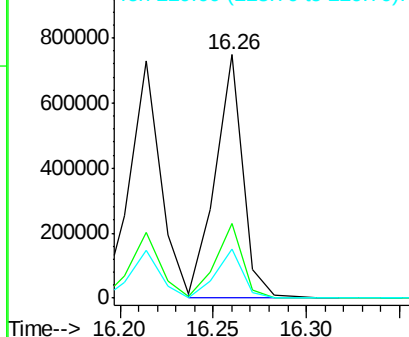


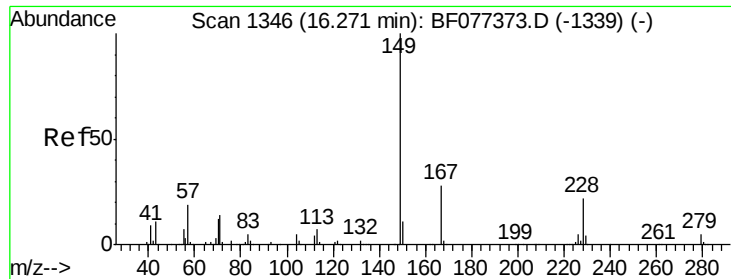
#82
 Chrysene
 Concen: 41.75 ng
 RT: 16.26 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	765910		
226	30.5	24.9	37.3	
229	20.3	16.4	24.6	



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: 41.37 ng

RT: 16.27 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

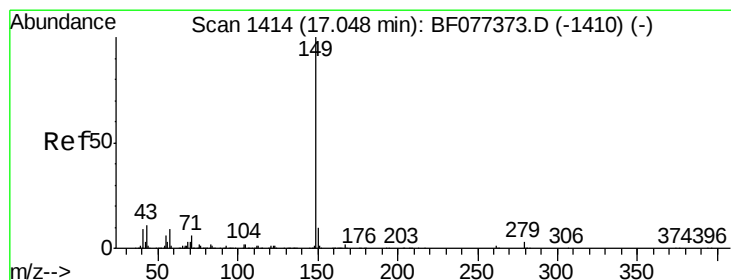
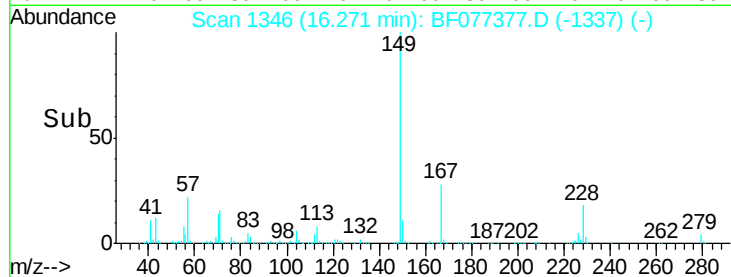
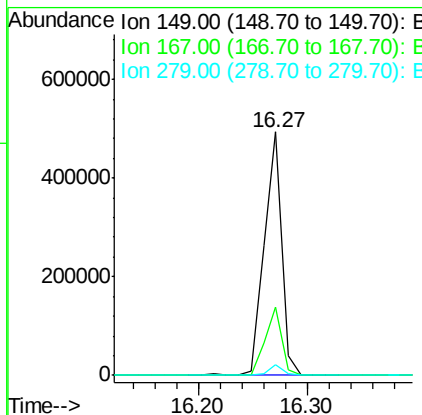
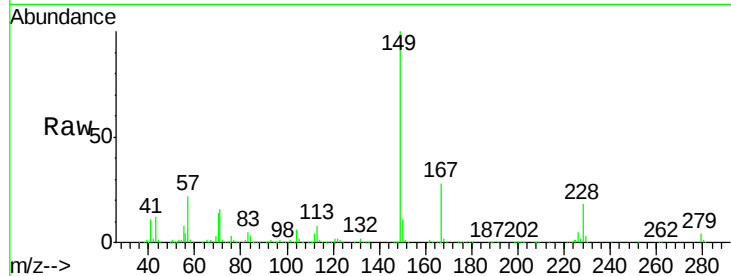
ClientSampleId :

ICVBF021915

Tot Ion:	149	Resp:	556457
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.8	34.2
279	4.2	3.8	5.6

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#84

Di-n-octyl phthalate

Concen: 42.26 ng

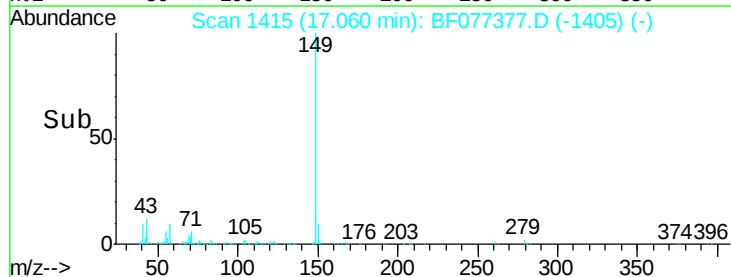
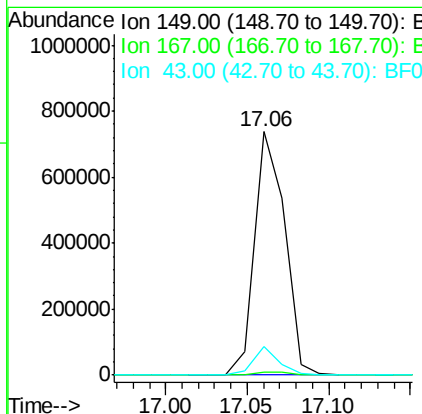
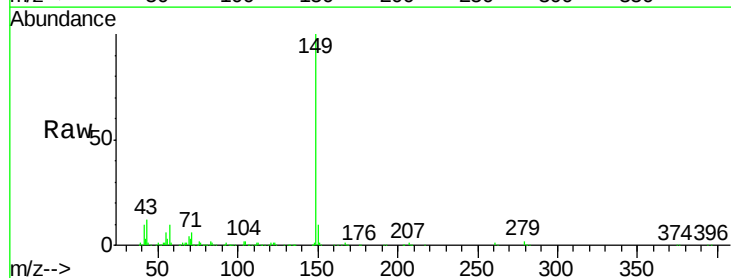
RT: 17.06 min Scan# 1415

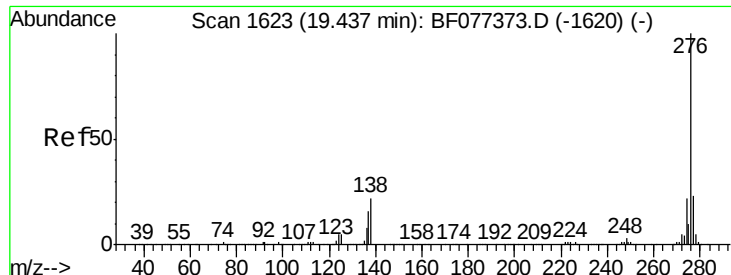
Delta R.T. 0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	149	Resp:	949046
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.5	8.1	12.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.48 ng/mL

RT: 19.47 min Scan# 1626

Delta R.T. 0.03 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

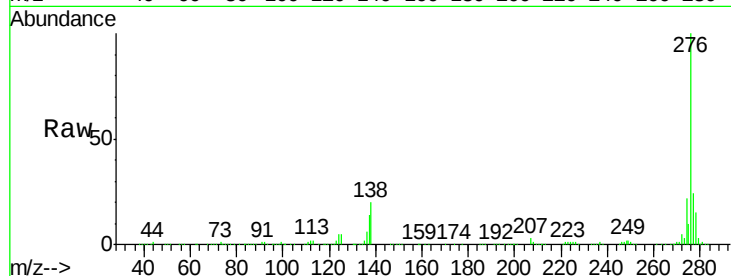
ClientSampleId :

ICVBF021915

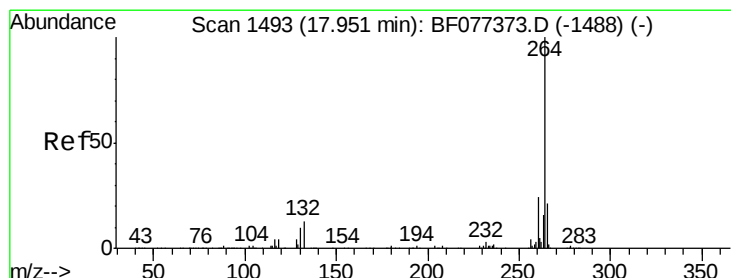
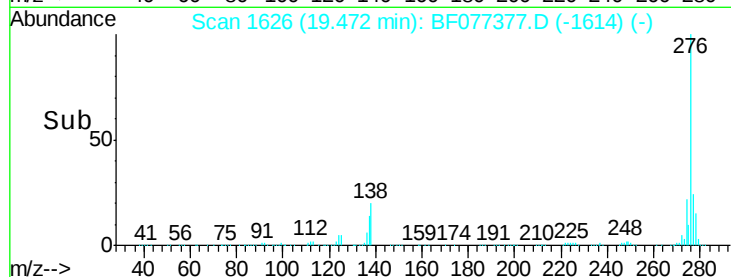
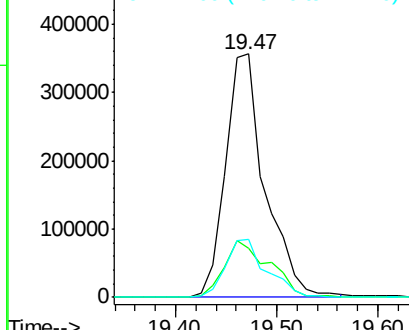
Tot Ion:	276	Resp:	951266
Ion Ratio	Lower	Upper	
276	100		
138	19.3	21.2	31.8#
277	21.8	20.0	30.0

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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

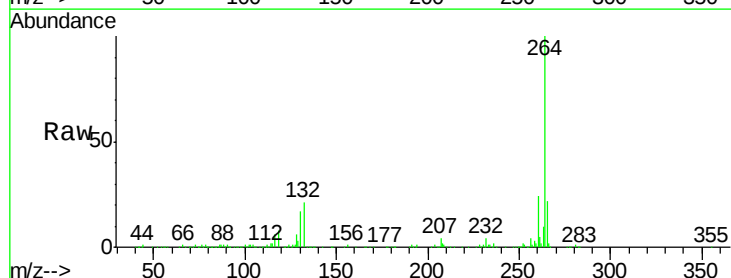
RT: 17.96 min Scan# 1494

Delta R.T. 0.01 min

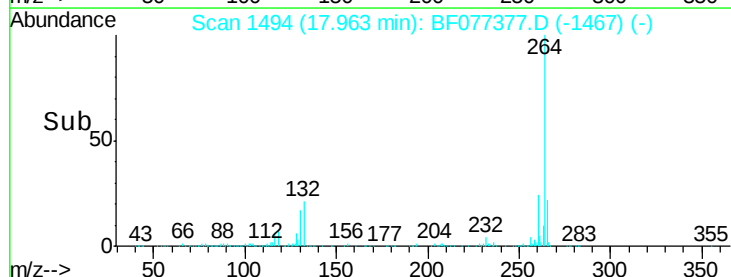
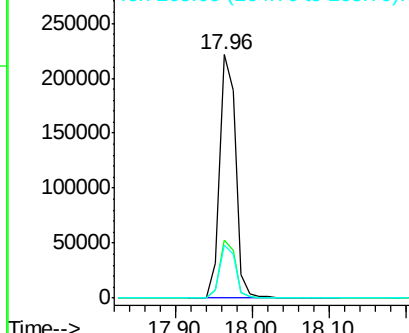
Lab File: BF077377.D

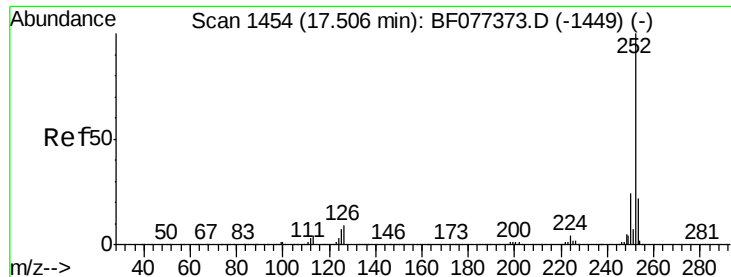
Acq: 19 Feb 2015 16:11

Tgt Ion:	264	Resp:	325399
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.3	28.9
265	21.9	16.8	25.2



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: 41.24 ng

RT: 17.52 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

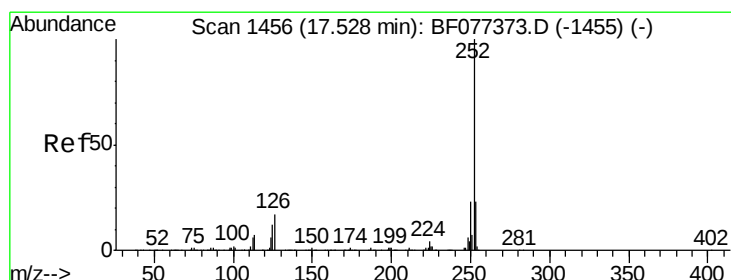
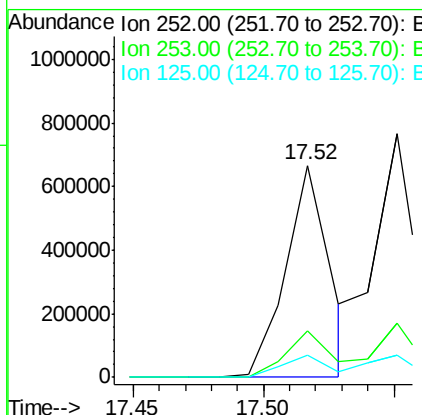
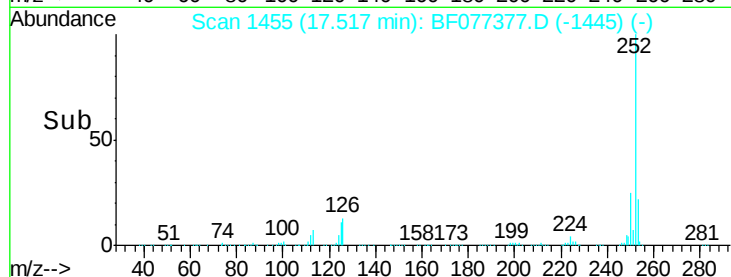
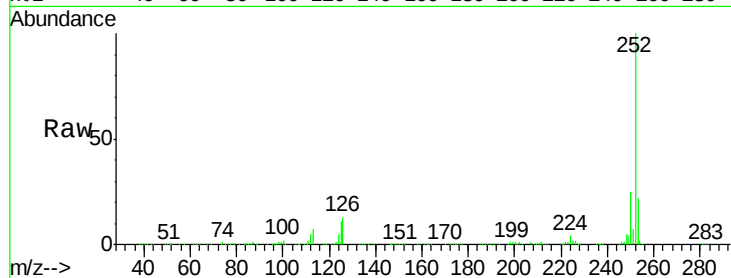
ClientSampleId :

ICVBF021915

Tot Ion:	252	Resp:	780343
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	10.5	5.4	8.2#

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#88

Benzo(k)fluoranthene

Concen: 44.27 ng m

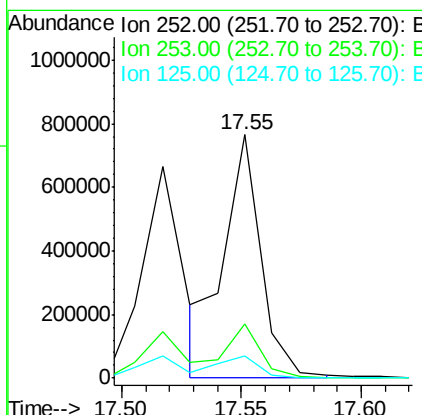
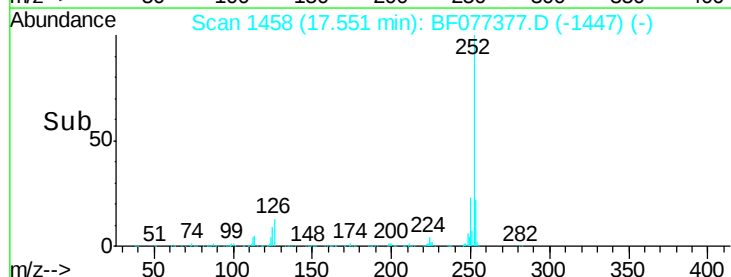
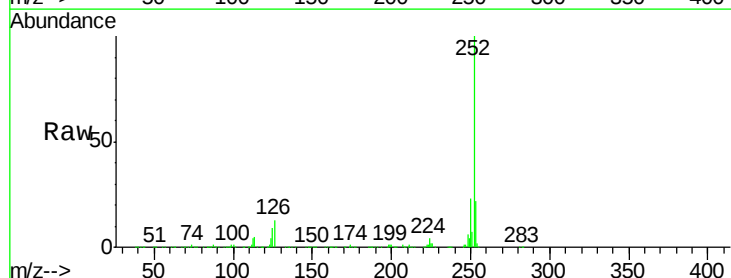
RT: 17.55 min Scan# 1458

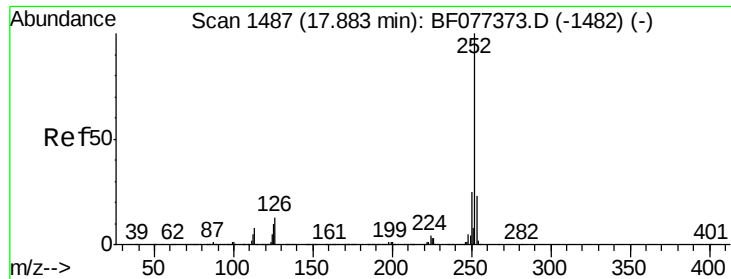
Delta R.T. 0.02 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:	252	Resp:	820934
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	9.3	10.1	15.1#





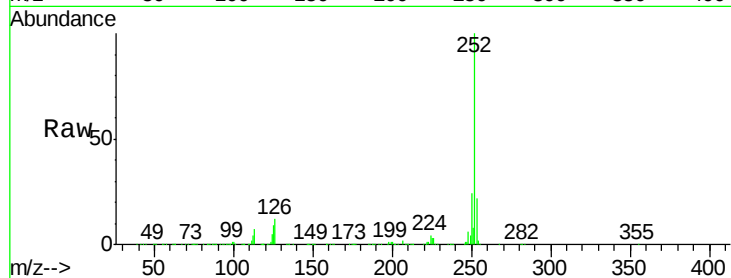
#89
Benzo(a)pyrene
Concen: 41.99 ng
RT: 17.91 min Scan# 1489
Delta R.T. 0.02 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

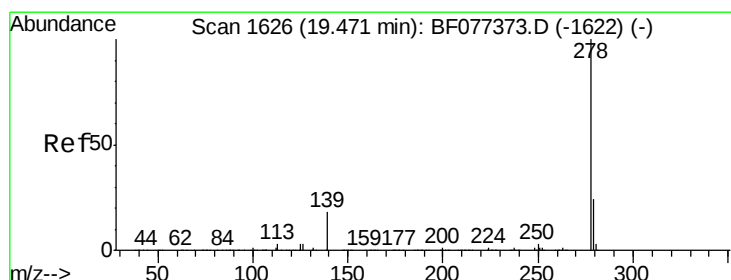
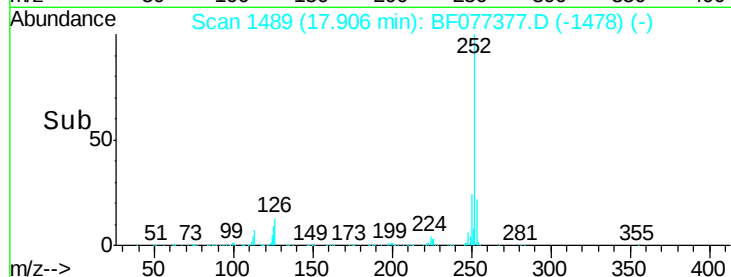
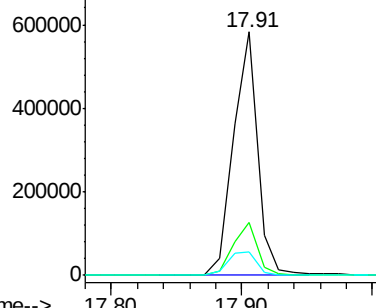
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	9.4	8.3	12.5

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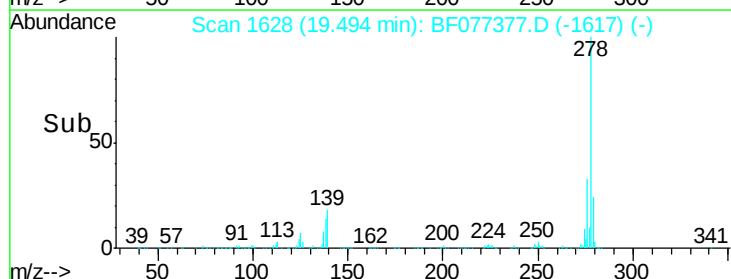
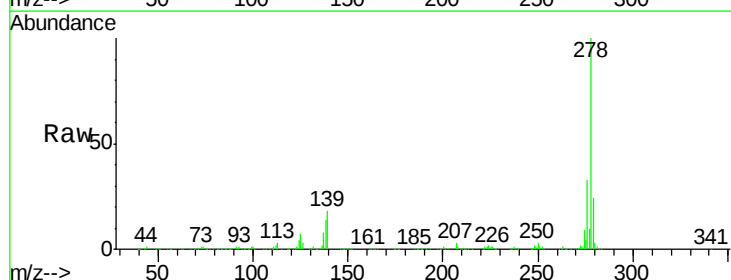
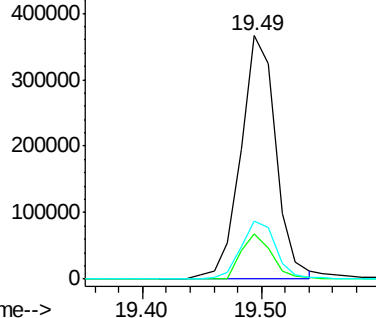
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

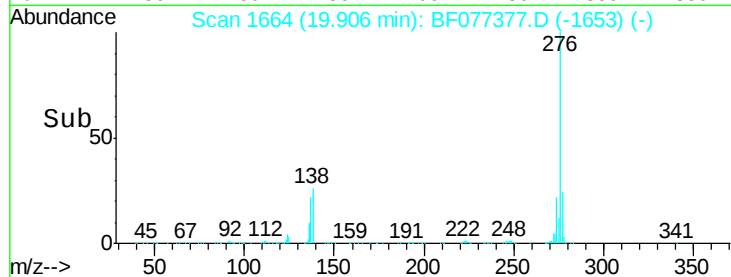
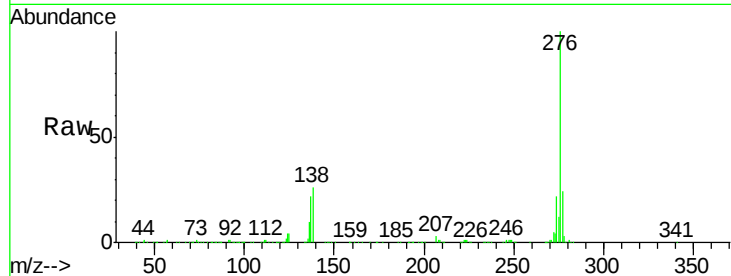
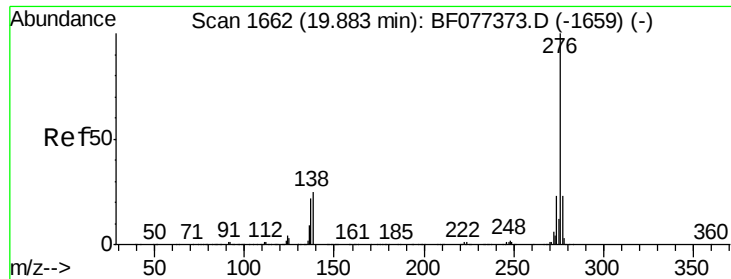


#90
Dibenzo(a,h)anthracene
Concen: 43.85 ng
RT: 19.49 min Scan# 1628
Delta R.T. 0.02 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.3	21.5
279	23.7	19.0	28.6

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





#91
Benzo(a,h,i)perylene
Concen: 43.17 ng
RT: 19.91 min Scan# 1664
Delta R.T. 0.02 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tot Ion:	276	Resp:	748835
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.9	28.3
138	25.9	20.5	30.7

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Manual Integrations
APPROVED

apatel
2/20/2015 2:04:33 PM

