

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084082.D
 Acq On : 24 Dec 2015 16:31
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Manual Integrations
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Sohil
 12/28/2015 1:08:57 PM

Quant Time: Dec 25 03:54:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	47029	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	189632	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	88516	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	159294	20.00	ng	0.00
75) Chrysene-d12	13.96	240	118317	20.00	ng	0.00
86) Perylene-d12	15.38	264	92999	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	221679	79.92	ng	0.00
7) Phenol-d6	6.45	99	254514	74.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	241101	74.42	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	66402	70.35	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	454822	70.31	ng	0.00
78) Terphenyl-d14	12.90	244	444173	67.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	45183	39.74	ng	98
3) Pyridine	3.06	79	125064	45.04	ng	98
4) n-Nitrosodimethylamine	3.00	42	49807	40.71	ng	92
6) Aniline	6.46	93	172694	39.80	ng	# 70
8) 2-Chlorophenol	6.59	128	134506	39.05	ng	93
9) Benzaldehyde	6.35	77	68707	37.43	ng	90
10) Phenol	6.46	94	145268	37.00	ng	# 62
11) bis(2-Chloroethyl)ether	6.53	93	106413	37.59	ng	96
12) 1,3-Dichlorobenzene	6.74	146	146571	38.97	ng	96
13) 1,4-Dichlorobenzene	6.82	146	147882	39.08	ng	93
14) 1,2-Dichlorobenzene	6.97	146	131071	37.58	ng	97
15) Benzyl Alcohol	6.96	79	101398	39.01	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	103068	37.27	ng	58
17) 2-Methylphenol	7.07	107	96196	36.37	ng	# 92
18) Hexachloroethane	7.31	117	52231	37.82	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	77852	36.82	ng	# 87
20) 3+4-Methylphenols	7.23	107	128949	38.22	ng	# 48
22) Acetophenone	7.22	105	180485	38.09	ng	# 90
24) Nitrobenzene	7.39	77	135789	39.47	ng	92
25) Isophorone	7.63	82	224438	37.45	ng	97
26) 2-Nitrophenol	7.71	139	69294	39.36	ng	93
27) 2,4-Dimethylphenol	7.76	122	119777	40.99	ng	95
28) bis(2-Chloroethoxy)methane	7.84	93	119327	34.15	ng	99
29) 2,4-Dichlorophenol	7.95	162	100379	36.99	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	116044	39.02	ng	97
31) Naphthalene	8.11	128	388030	38.46	ng	99
32) Benzoic acid	7.88	122	51392	36.68	ng	95
33) 4-Chloroaniline	8.17	127	146242	36.43	ng	# 88
34) Hexachlorobutadiene	8.22	225	62176	36.66	ng	99
35) Caprolactam	8.53	113	29456	39.14	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	120670	39.55	ng	99
37) 2-Methylnaphthalene	8.80	142	227159	35.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	107908	38.67	ng	99
40) Hexachlorocyclopentadiene	8.96	237	23338	38.73	ng	98

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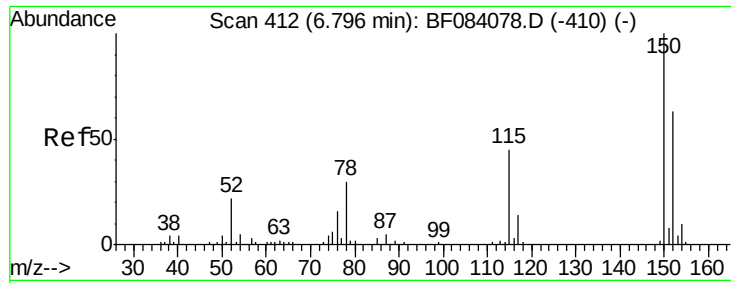
Manual Integrations
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 12/28/2015 1:08:57 PM

Quant Time: Dec 25 03:54:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	68526	37.66	ng	96
43) 2,4,5-Trichlorophenol	9.13	196	70334	38.62	ng #	85
45) 1,1'-Biphenyl	9.26	154	324321	40.56	ng	98
46) 2-Chloronaphthalene	9.29	162	233013	38.33	ng	96
47) 2-Nitroaniline	9.39	65	66181	40.97	ng #	61
48) Acenaphthylene	9.70	152	367606	36.82	ng	99
49) Dimethylphthalate	9.56	163	272832	37.22	ng #	90
50) 2,6-Dinitrotoluene	9.63	165	62213	39.98	ng #	83
51) Acenaphthene	9.87	154	214153	36.88	ng	99
52) 3-Nitroaniline	9.80	138	70265	42.08	ng #	77
53) 2,4-Dinitrophenol	9.92	184	15921	36.77	ng	97
54) Dibenzofuran	10.04	168	283949	35.56	ng #	90
55) 4-Nitrophenol	9.98	139	33377	39.16	ng	96
56) 2,4-Dinitrotoluene	10.03	165	74594	36.31	ng #	80
57) Fluorene	10.38	166	250668	36.93	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	51407	39.60	ng	97
59) Diethylphthalate	10.26	149	251856	33.82	ng	96
60) 4-Chlorophenyl-phenylether	10.37	204	104654	33.43	ng #	78
61) 4-Nitroaniline	10.41	138	62322	40.38	ng	91
62) Azobenzene	10.53	77	228946	37.32	ng	87
64) 4,6-Dinitro-2-methylphenol	10.45	198	33234	37.59	ng	78
65) n-Nitrosodiphenylamine	10.50	169	227694	40.10	ng	98
66) 4-Bromophenyl-phenylether	10.86	248	72667	39.38	ng #	80
67) Hexachlorobenzene	10.93	284	72031	35.65	ng #	68
68) Atrazine	11.02	200	59820	34.98	ng	99
69) Pentachlorophenol	11.14	266	21177	36.52	ng	98
70) Phenanthrene	11.34	178	359963	38.12	ng	100
71) Anthracene	11.40	178	364301	36.89	ng	98
72) Carbazole	11.55	167	303869	36.17	ng	99
73) Di-n-butylphthalate	11.88	149	398002	36.78	ng #	98
74) Fluoranthene	12.53	202	391024	38.36	ng	95
76) Benzidine	12.65	184	147279	36.62	ng	98
77) Pyrene	12.76	202	386583	37.87	ng	100
79) Butylbenzylphthalate	13.38	149	161318	38.18	ng #	80
80) Benzo(a)anthracene	13.95	228	274476	37.71	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	87179	39.55	ng #	96
82) Chrysene	13.99	228	269150m	40.10	ng	
83) Bis(2-ethylhexyl)phthalate	13.94	149	208595	38.21	ng #	97
84) Di-n-octyl phthalate	14.55	149	298415	38.84	ng	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	251541	37.43	ng	99
87) Benzo(b)fluoranthene	14.98	252	258073m	37.37	ng	
88) Benzo(k)fluoranthene	15.00	252	189371m	40.46	ng	
89) Benzo(a)pyrene	15.32	252	208212	36.59	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	209481	37.73	ng #	95
91) Benzo(g,h,i)perylene	17.19	276	212150	37.43	ng	98

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



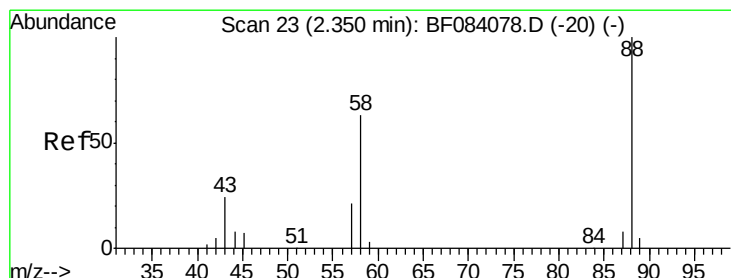
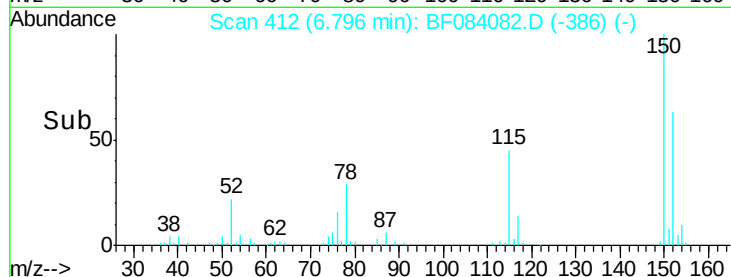
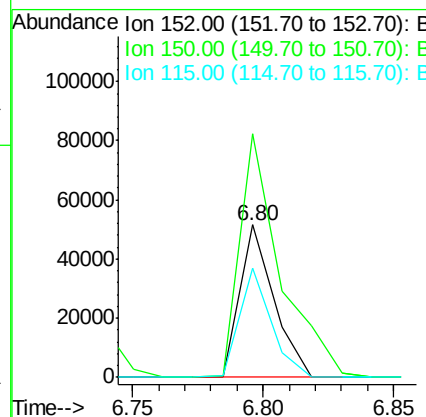
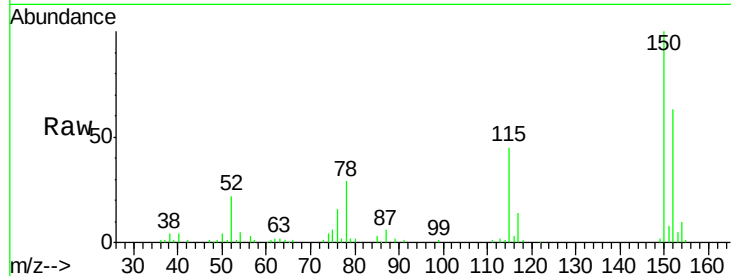
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	123.0	184.4
115	71.2	51.4	77.2

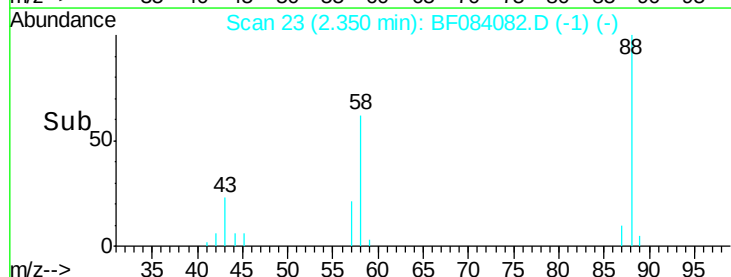
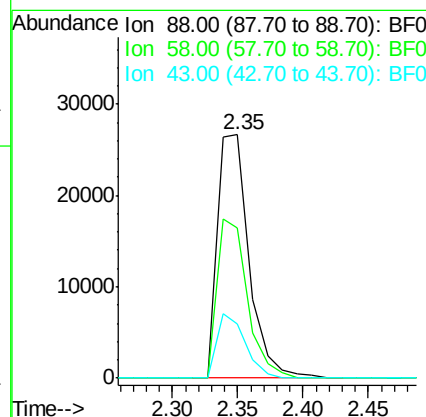
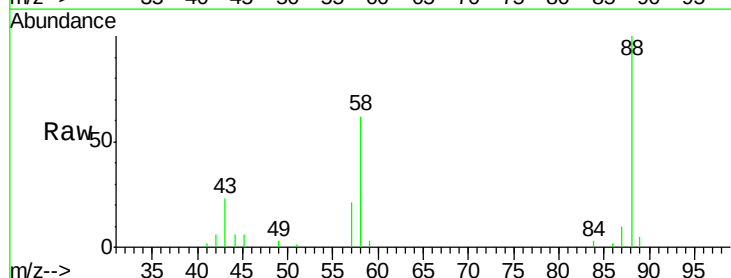
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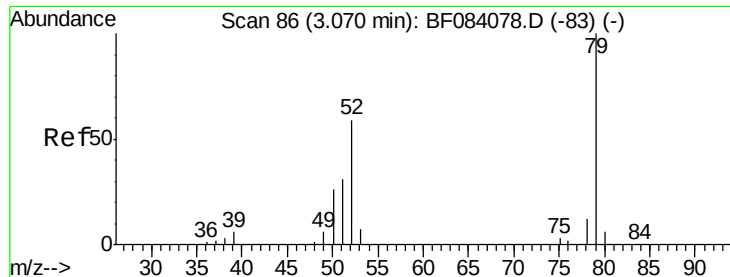
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#2
 1,4-Dioxane
 Concen: 39.74 ng
 RT: 2.35 min Scan# 23
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	51.2	76.8
43	23.6	19.5	29.3





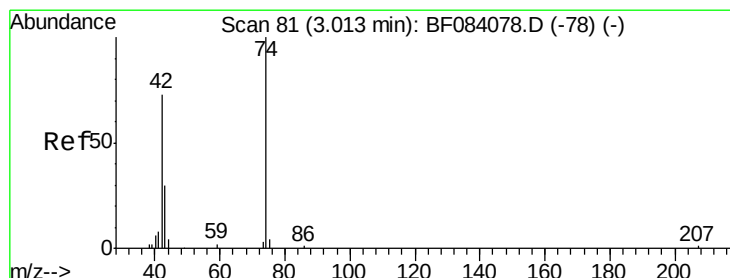
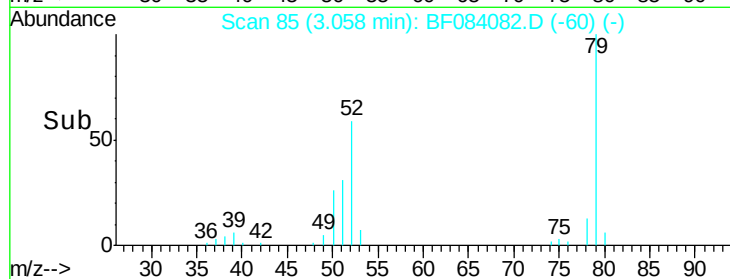
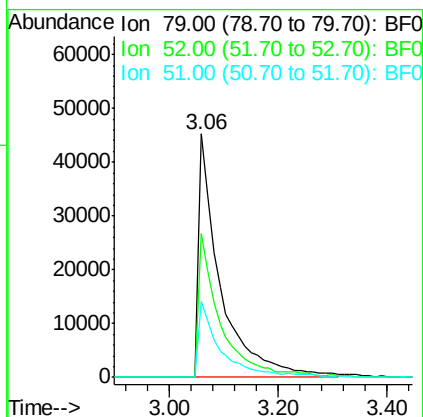
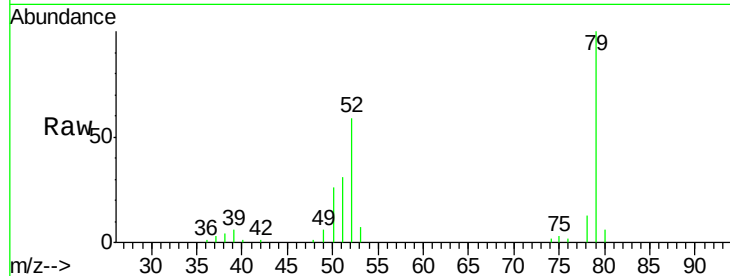
#3
 Pyridine
 Concen: 45.04 ng
 RT: 3.06 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:	79	Resp:	125064
Ion	Ratio	Lower	Upper
79	100		
52	59.1	49.0	73.4
51	31.0	25.2	37.8

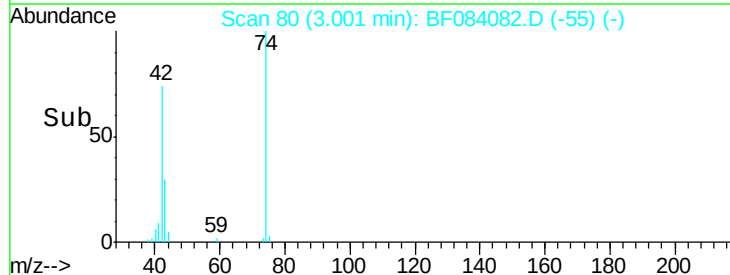
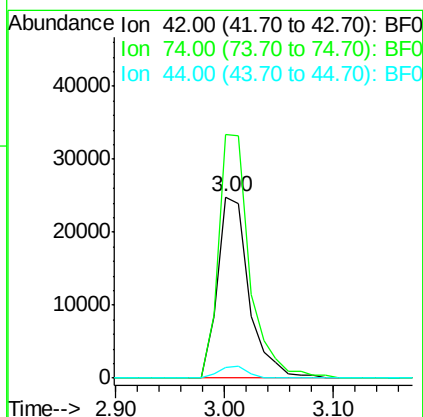
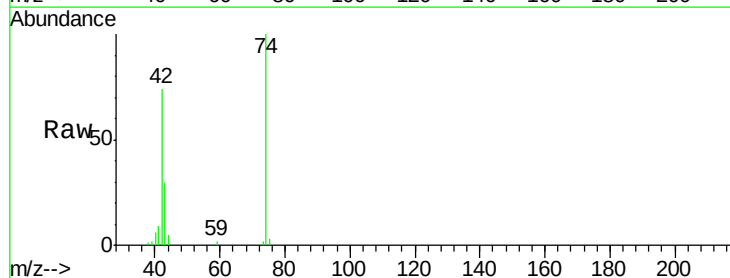
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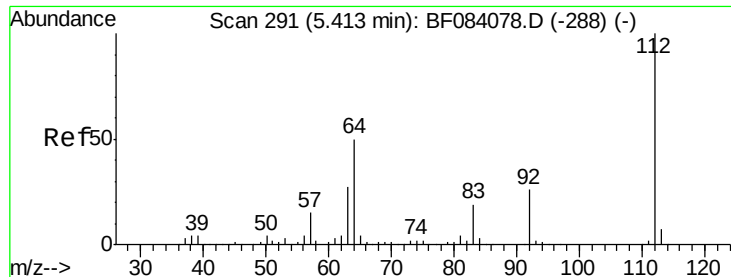
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#4
 n-Nitrosodimethylamine
 Concen: 40.71 ng
 RT: 3.00 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:	42	Resp:	49807
Ion	Ratio	Lower	Upper
42	100		
74	134.5	115.7	173.5
44	6.1	5.1	7.7





#5

2-Fluorophenol

Concen: 79.92 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

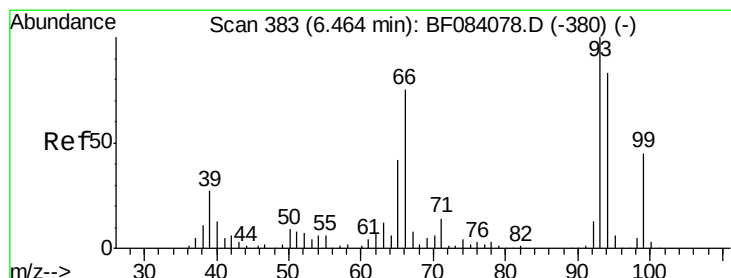
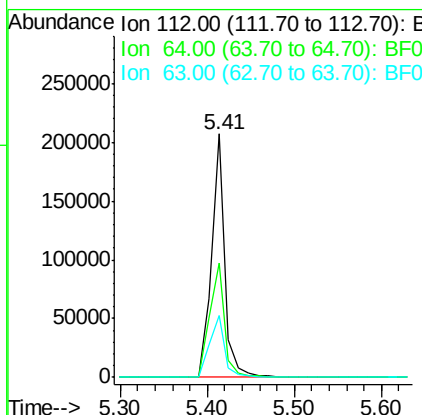
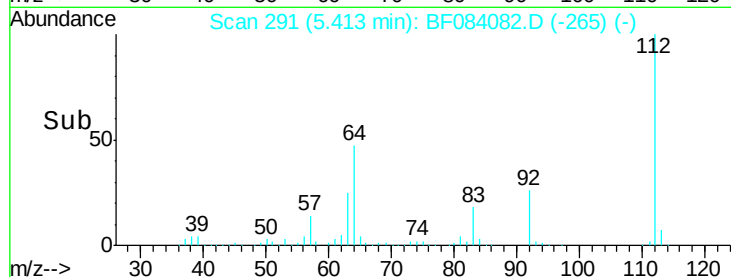
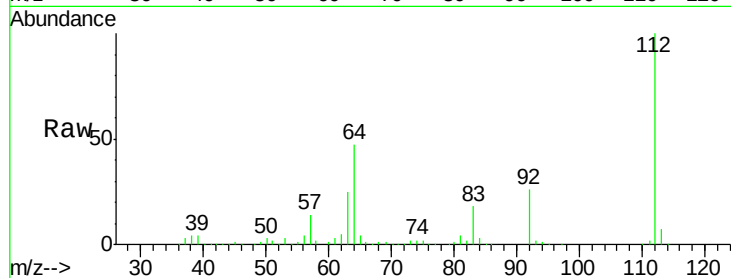
ClientSampleId :

ICVBF122415

Tgt Ion:	112	Resp:	221679
Ion Ratio	Lower	Upper	
112	100		
64	46.8	36.6	55.0
63	25.5	19.4	29.0

Manual Integrations
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#6

Aniline

Concen: 39.80 ng

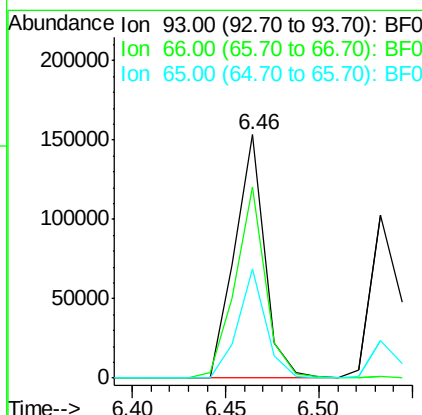
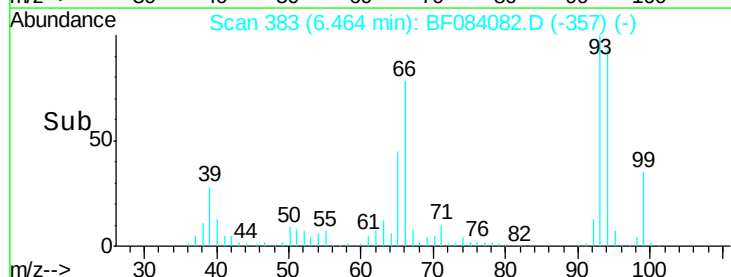
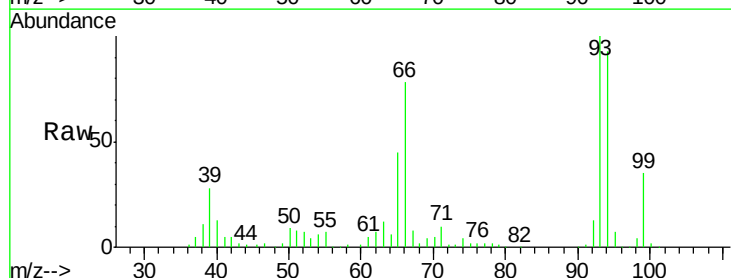
RT: 6.46 min Scan# 383

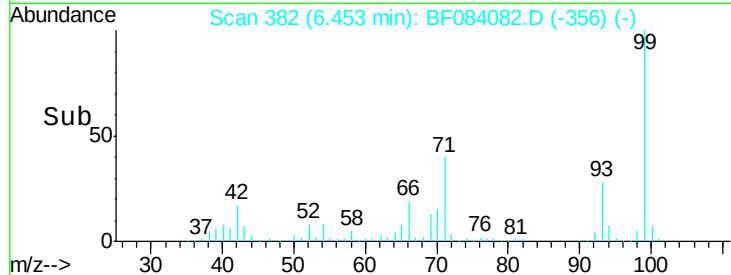
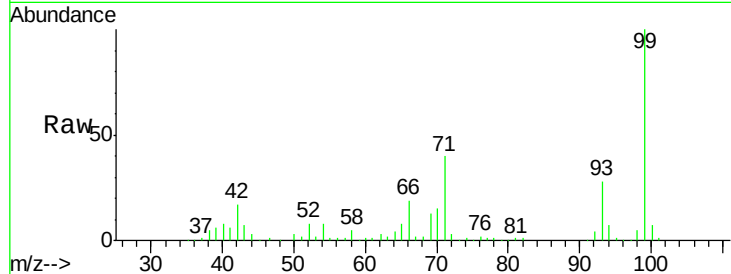
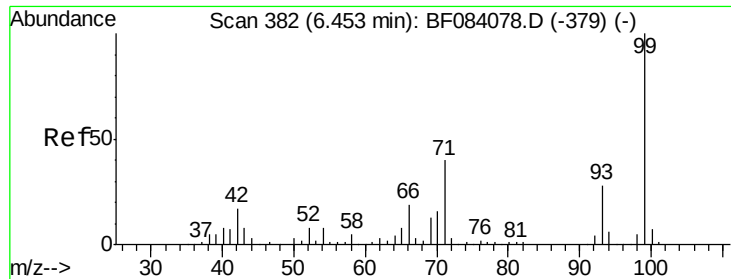
Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion:	93	Resp:	172694
Ion Ratio	Lower	Upper	
93	100		
66	78.5	44.9	67.3#
65	44.7	23.7	35.5#





#7

Phenol-d6

Concen: 74.15 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion:	99	Resp:	254514
Ion Ratio	Lower	Upper	
99	100		
42	16.6	12.8	19.2
71	40.1	30.9	46.3

Instrument :

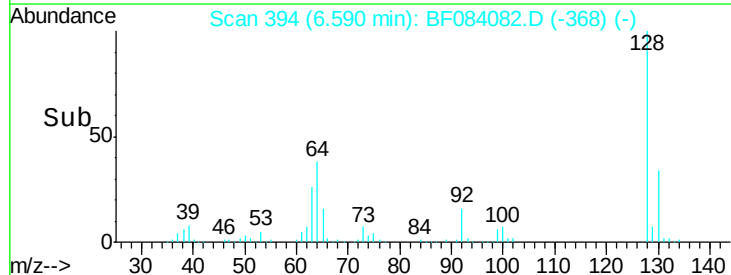
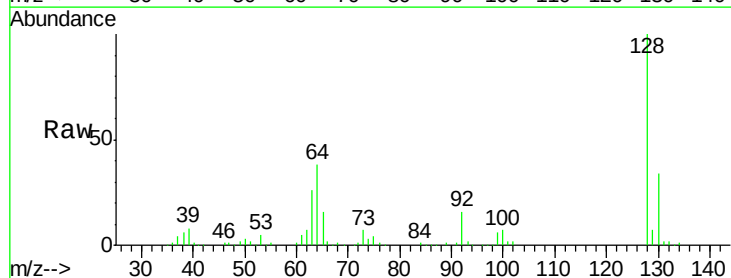
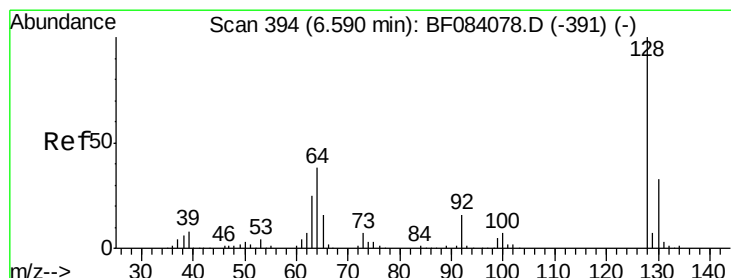
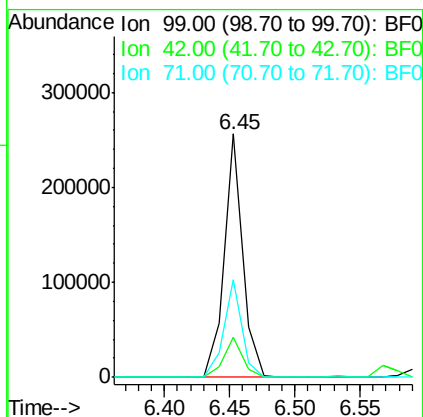
BNA_F

ClientSampleId :

ICVBF122415

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.05 ng

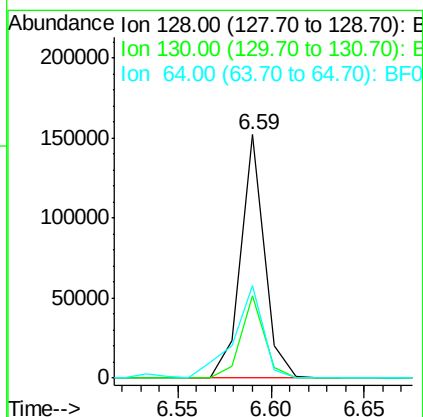
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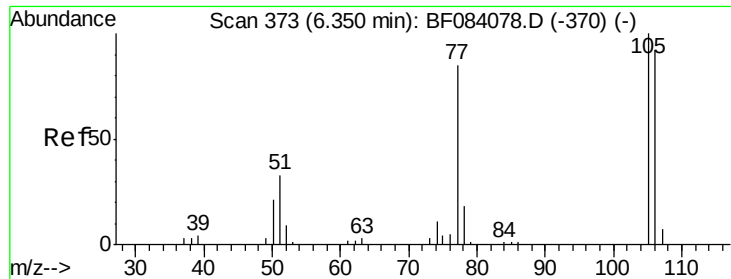
Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion:	128	Resp:	134506
Ion Ratio	Lower	Upper	
128	100		
130	33.8	11.6	51.6
64	38.2	23.8	63.8





#9

Benzaldehyde

Concen: 37.43 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

Tgt Ion: 77 Resp: 68707

Ion Ratio Lower Upper

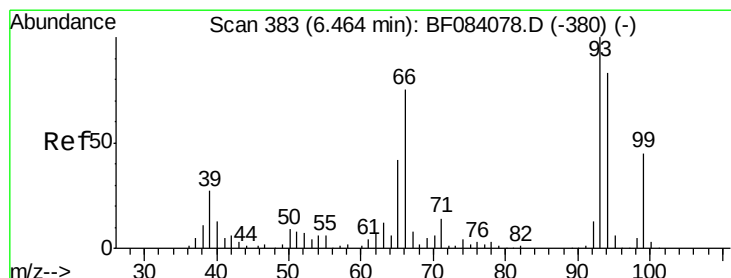
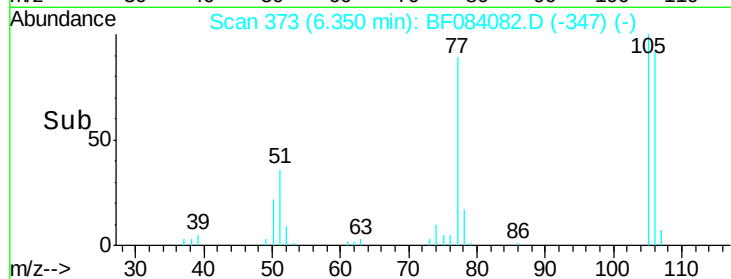
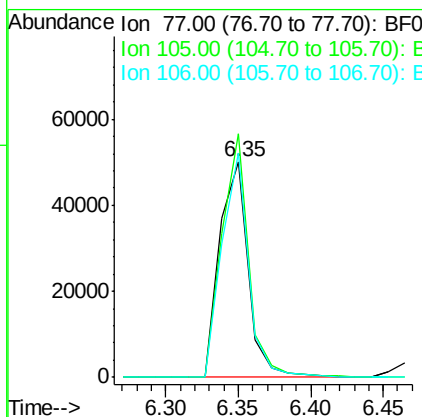
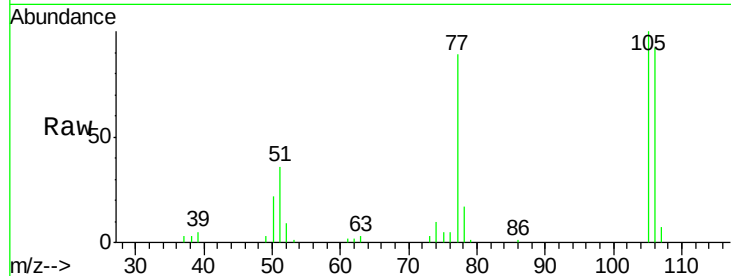
77 100

105 112.9 83.0 123.0

106 104.3 74.6 114.6

Manual Integrations
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#10

Phenol

Concen: 37.00 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

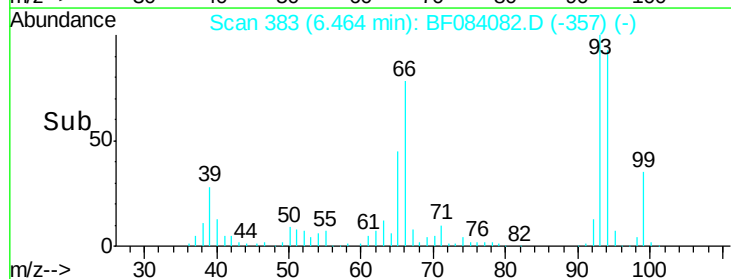
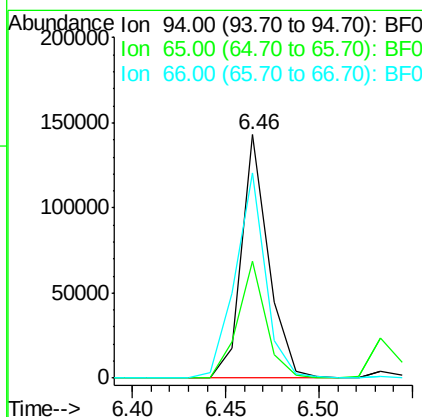
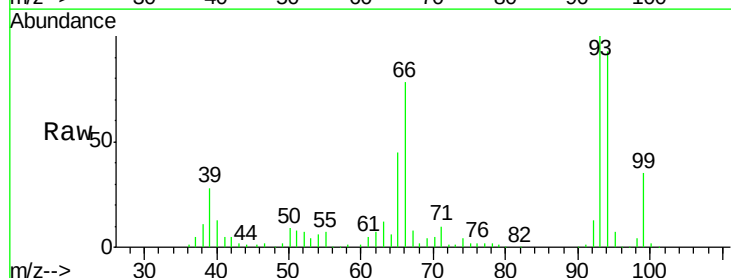
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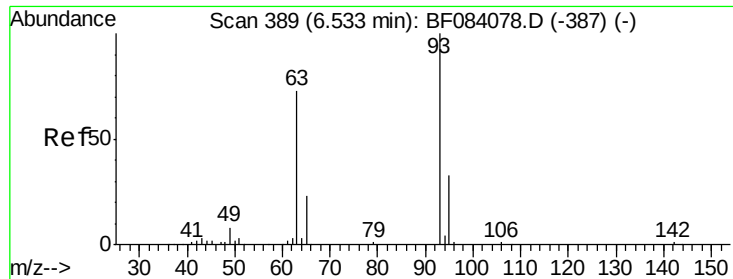
Ion Ratio Lower Upper

94 100

65 48.0 12.9 52.9

66 84.2 32.7 72.7#





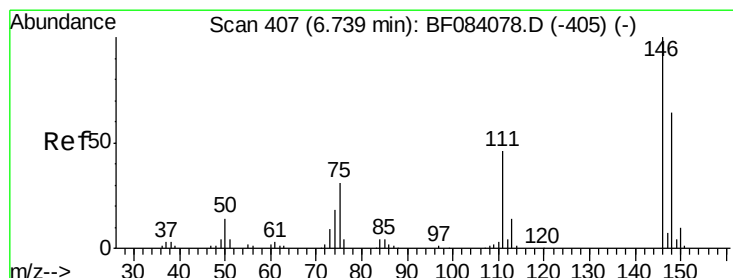
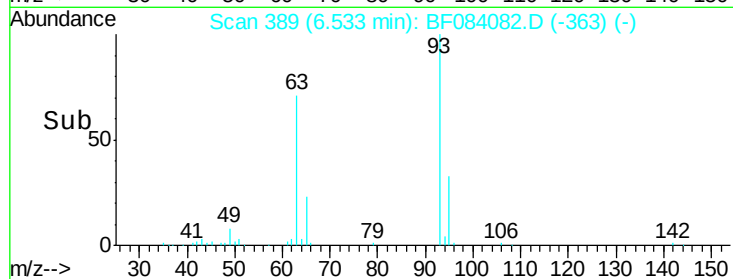
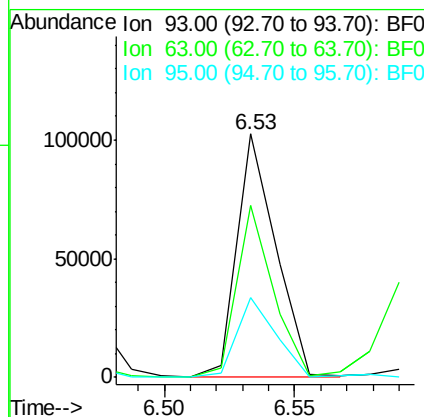
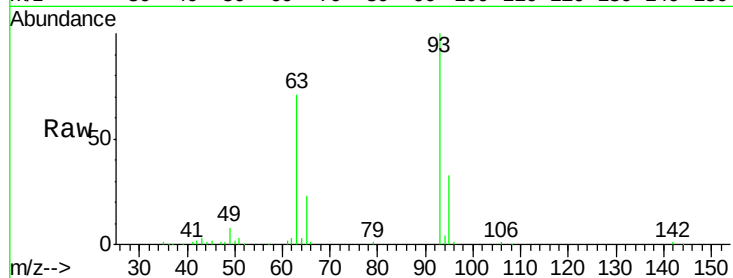
#11
bis(2-Chloroethyl)ether
Concen: 37.59 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion:	93	Resp:	106413
Ion	Ratio	Lower	Upper
93	100		
63	70.6	45.9	85.9
95	33.0	12.3	52.3

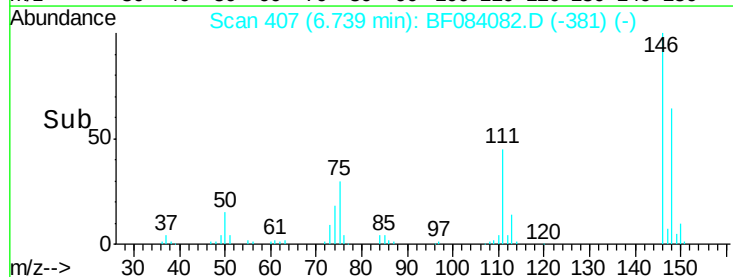
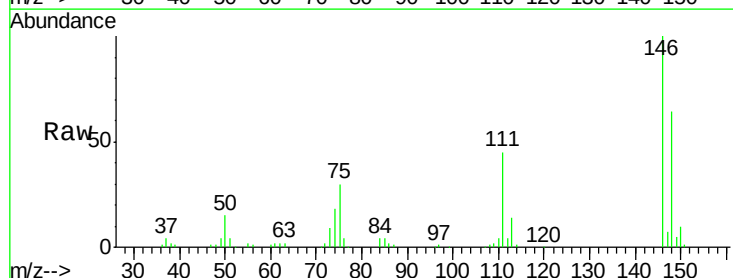
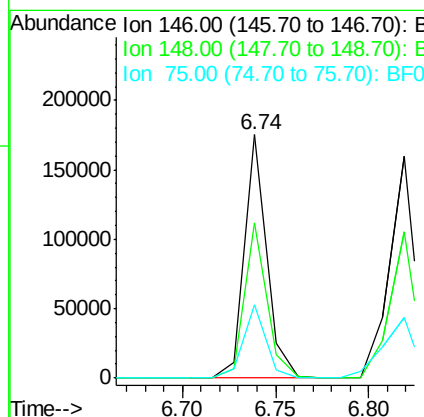
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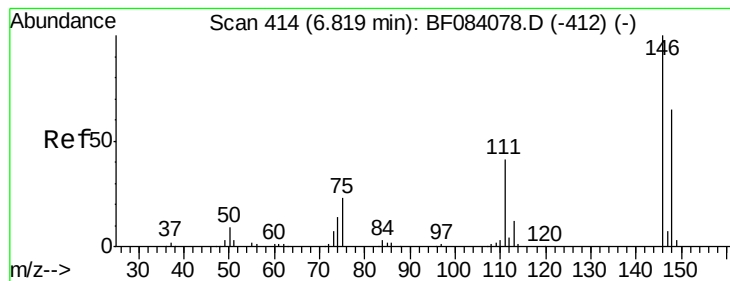
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.97 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion:	146	Resp:	146571
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
75	30.4	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 39.08 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

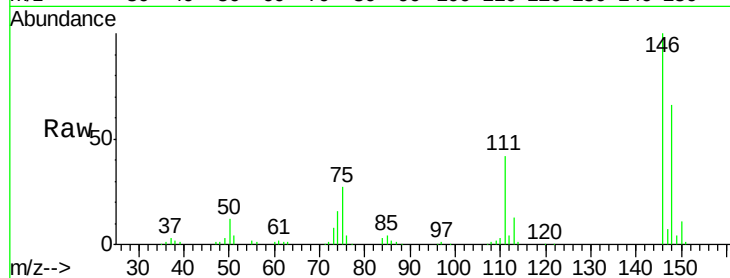
ClientSampleId :

ICVBF122415

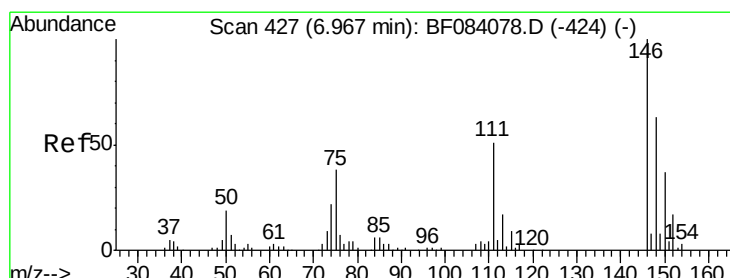
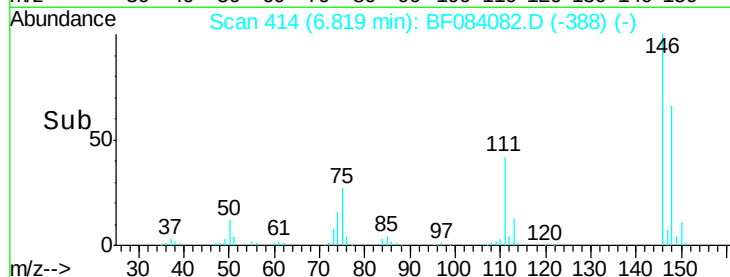
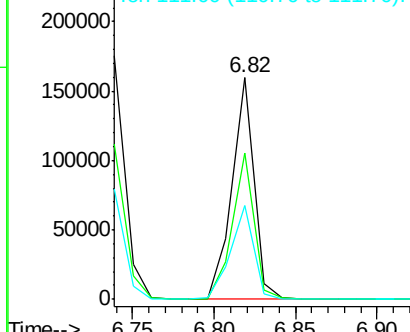
Tgt Ion:	146	Resp:	147882
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.9	77.9
111	42.2	41.6	62.4

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



#14

1,2-Dichlorobenzene

Concen: 37.58 ng

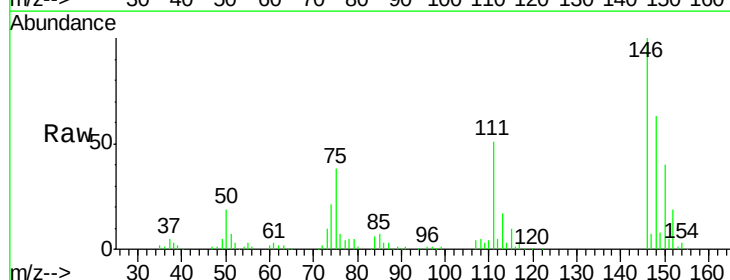
RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

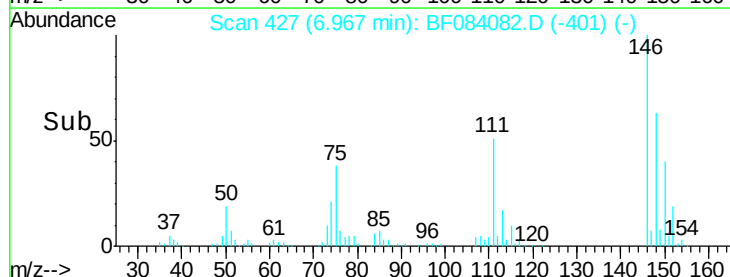
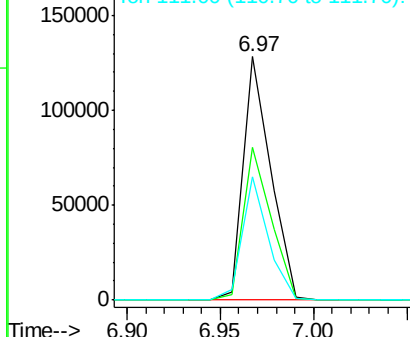
Lab File: BF084082.D

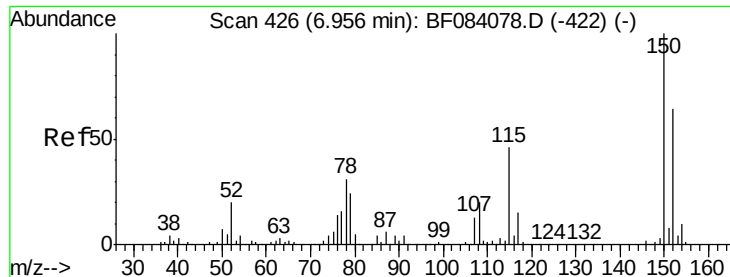
Acq: 24 Dec 2015 16:31

Tgt Ion:	146	Resp:	131071
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.6	77.4
111	50.6	38.0	57.0



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





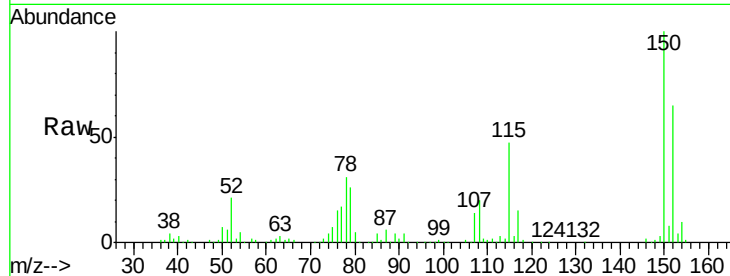
#15
Benzyl Alcohol
Concen: 39.01 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

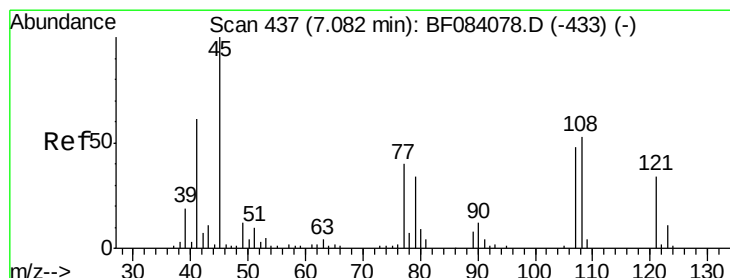
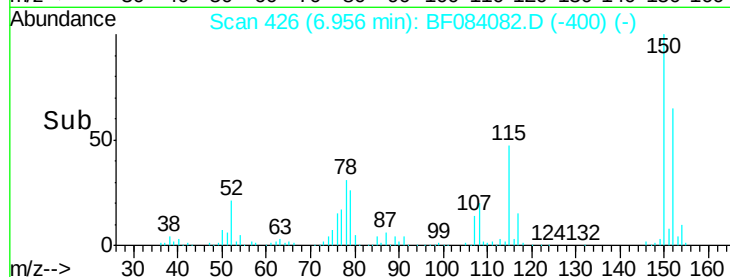
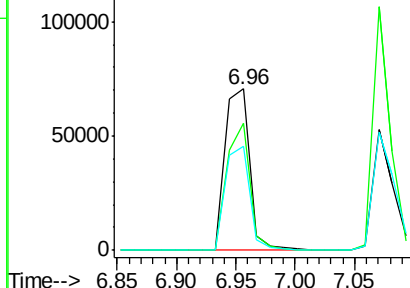
Tgt Ion	Ratio	Resp	Lower	Upper
79	100	101398		
108	78.7	69.0	103.4	
77	64.7	50.0	75.0	

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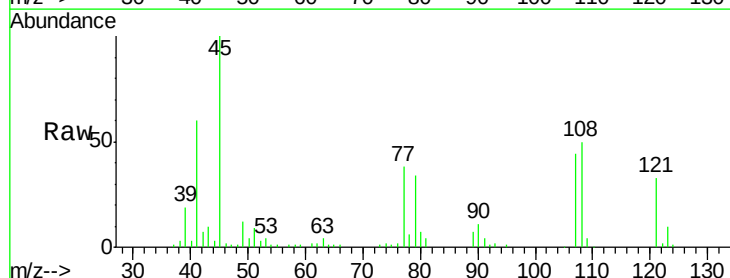


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

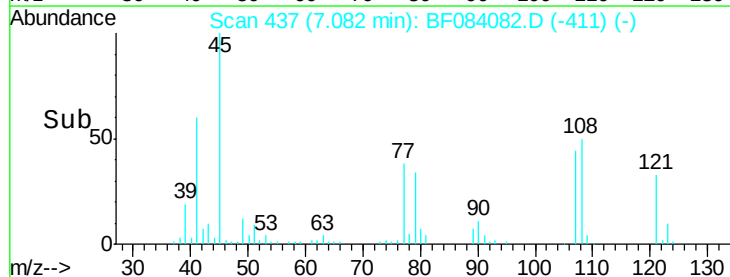
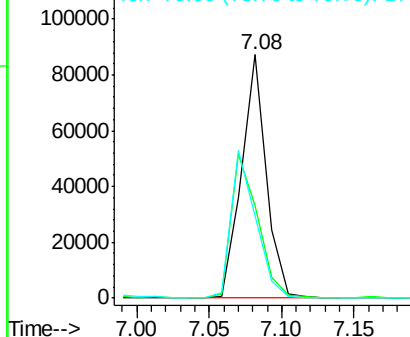


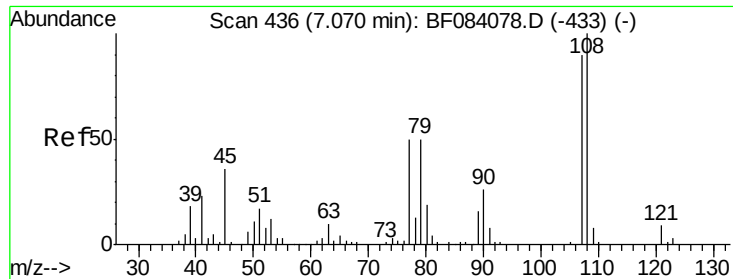
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.27 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	103068		
77	37.9	0.0	39.6	
79	33.7	0.0	35.0	



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.37 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

Tgt Ion:107 Resp: 96196

Ion Ratio Lower Upper

107 100

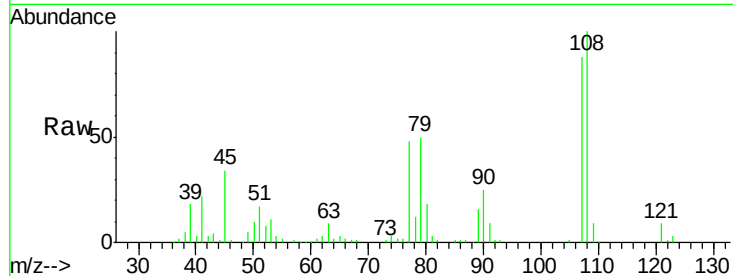
108 113.2 89.8 134.6

77 54.9 35.7 53.5#

79 56.1 35.7 53.5#

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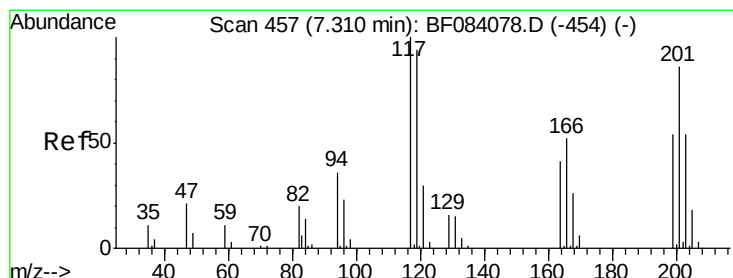
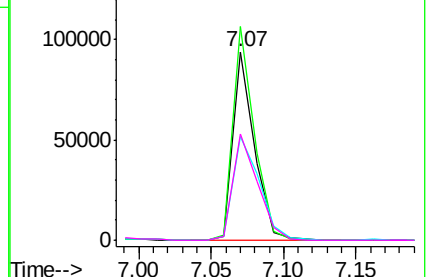
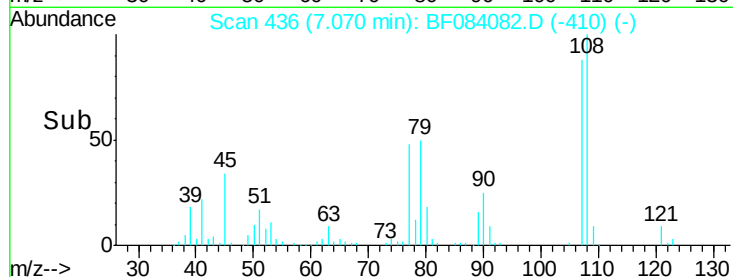


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.82 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

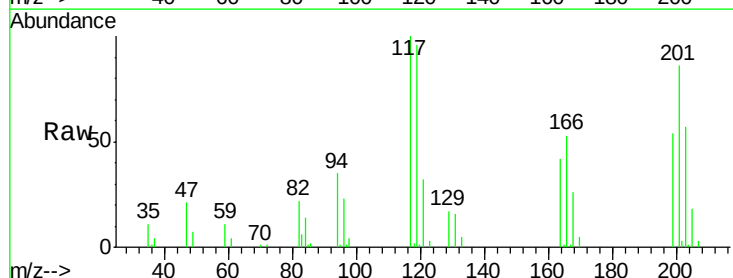
Tgt Ion:117 Resp: 52231

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

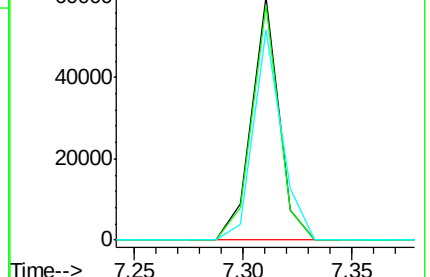
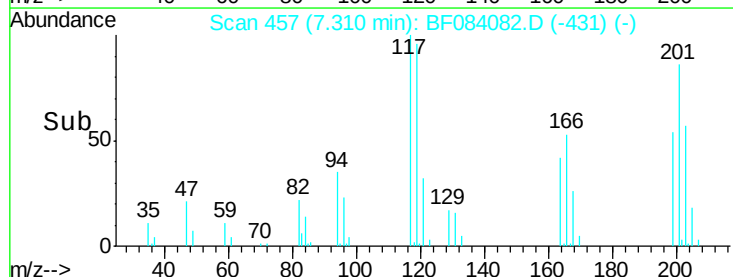
201 86.4 68.6 103.0

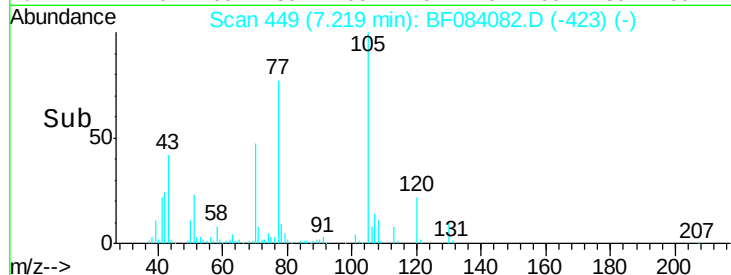
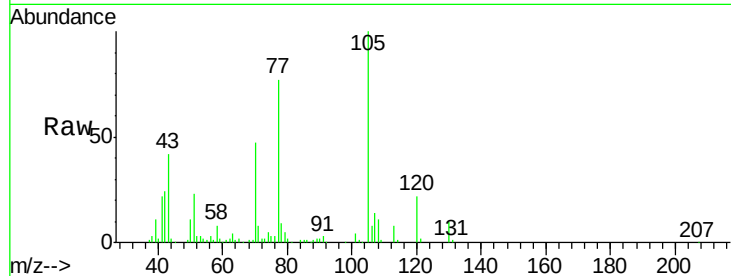
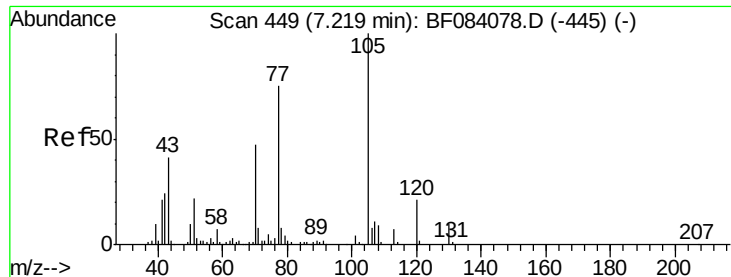


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





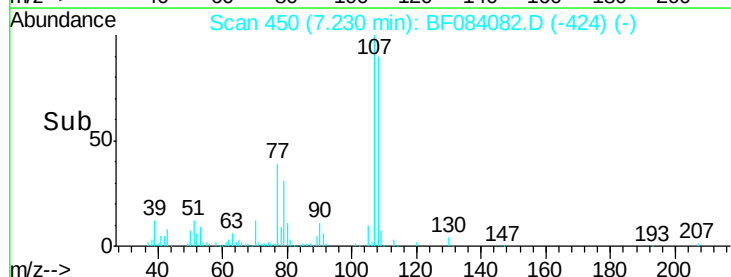
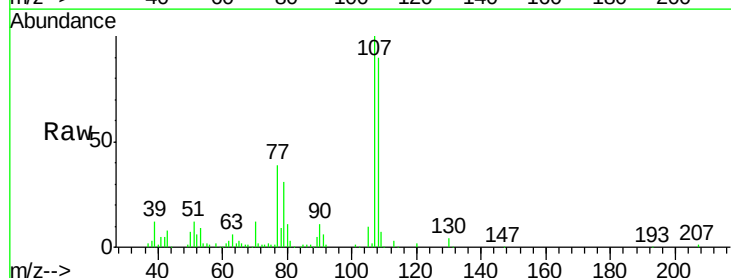
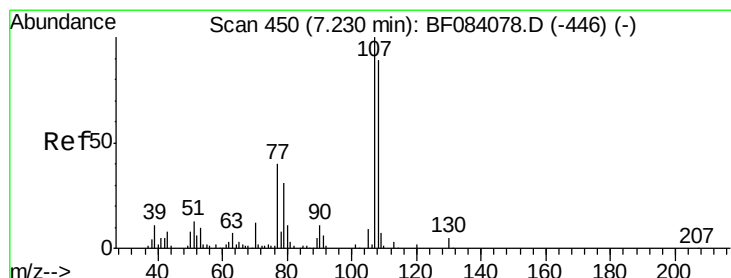
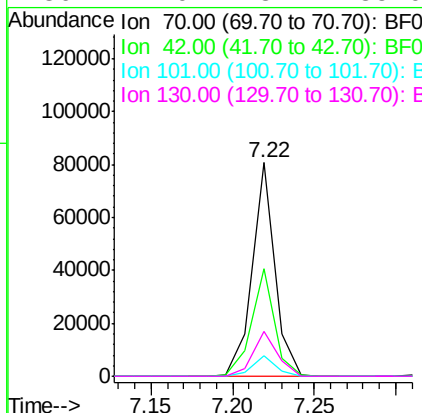
#19
n-Nitroso-di-n-propylamine
Concen: 36.82 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.4	33.3	49.9#
101	9.5	9.3	13.9
130	21.0	23.4	35.0#

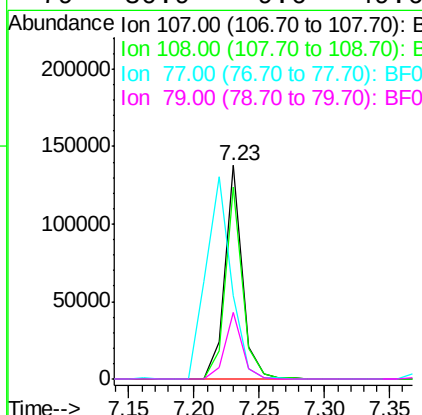
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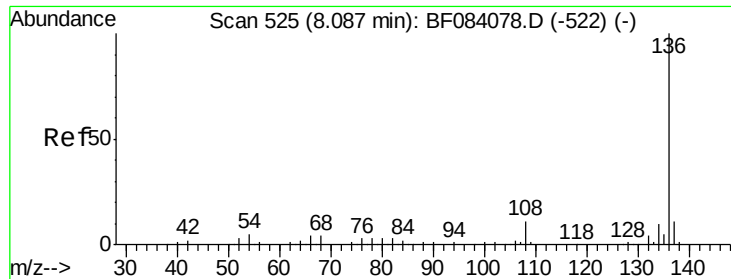
Sohil
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#20
3+4-Methylphenols
Concen: 38.22 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	64.1	104.1
77	39.1	128.9	168.9#
79	30.9	9.6	49.6





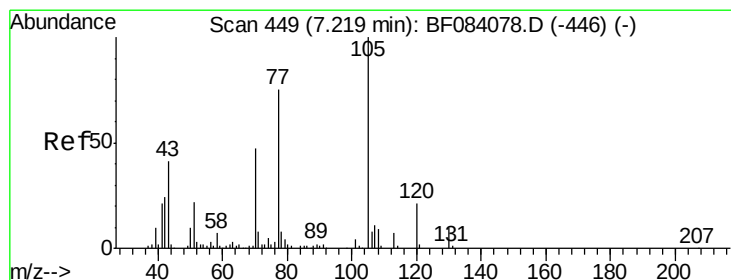
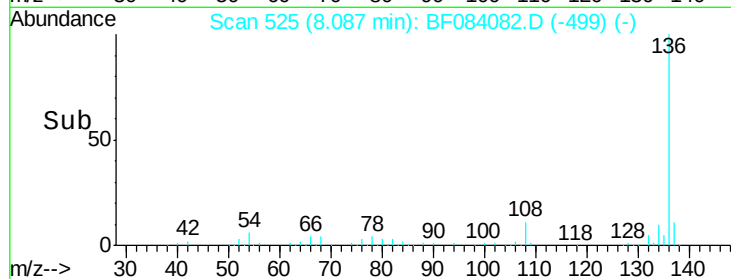
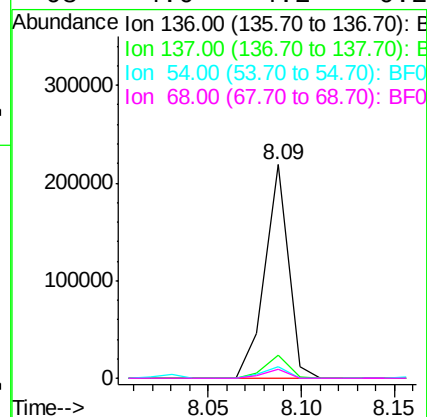
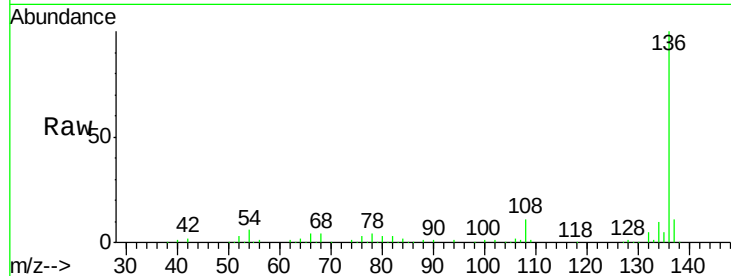
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	189632		
137	10.9	8.7	13.1	
54	5.6	5.8	8.8#	
68	4.0	4.2	6.2#	

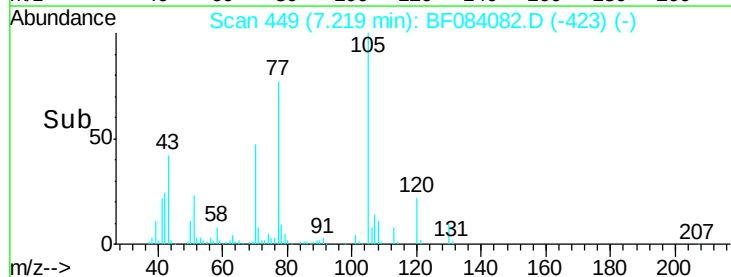
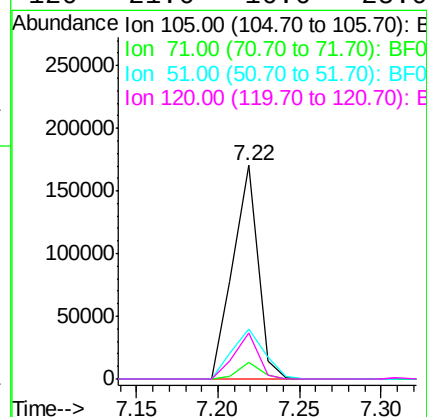
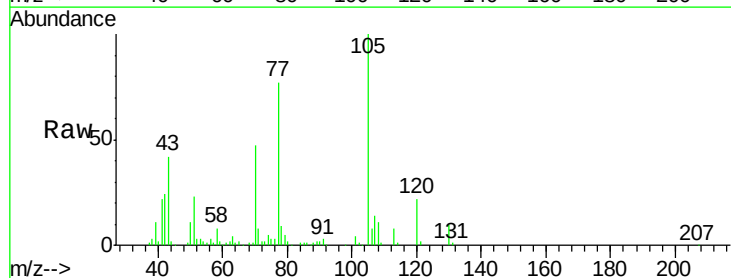
Manual Integrations
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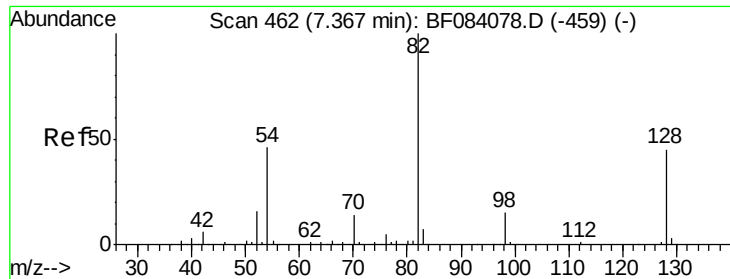
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#22
Acetophenone
Concen: 38.09 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	180485		
71	7.7	3.7	5.5#	
51	23.2	25.1	37.7#	
120	21.6	16.6	25.0	





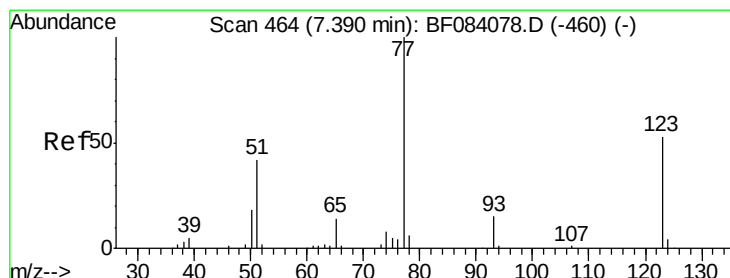
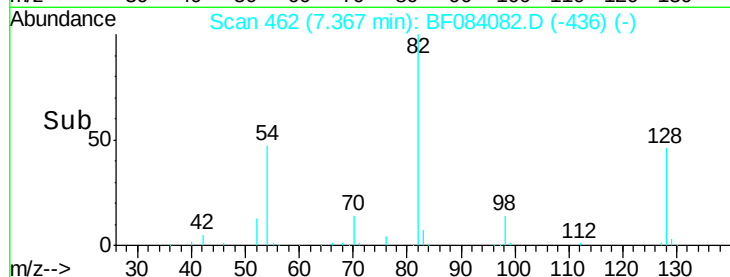
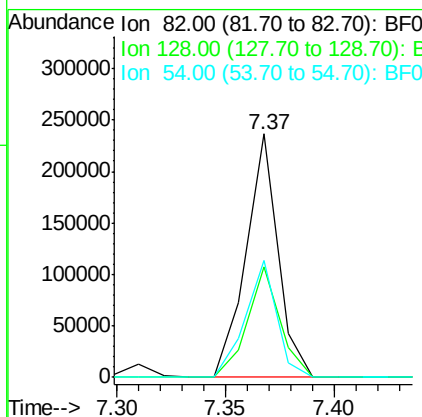
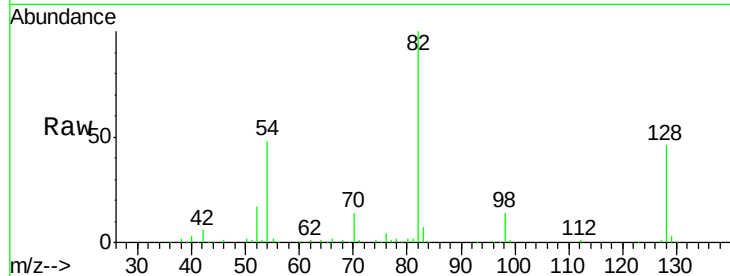
#23
 Nitrobenzene-d5
 Concen: 74.42 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	241101		
128	45.5	34.6	51.8	
54	48.0	38.4	57.6	

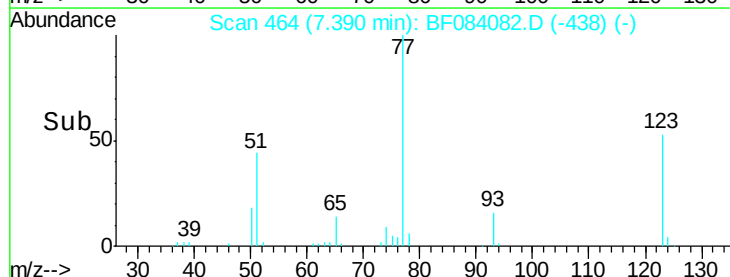
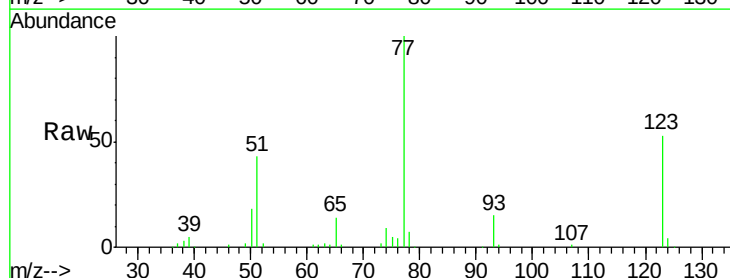
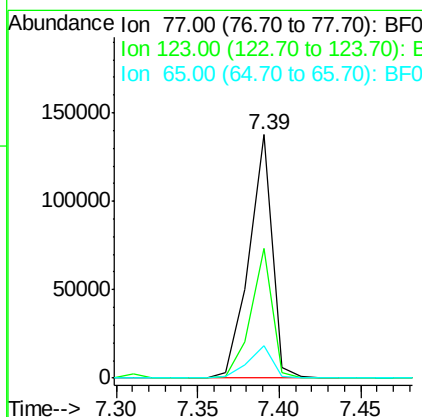
Manual Integrations
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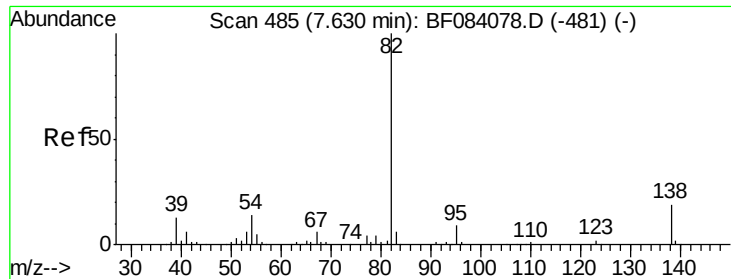
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#24
 Nitrobenzene
 Concen: 39.47 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	135789		
123	53.2	37.4	56.2	
65	13.5	10.9	16.3	





#25

Isophorone

Concen: 37.45 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

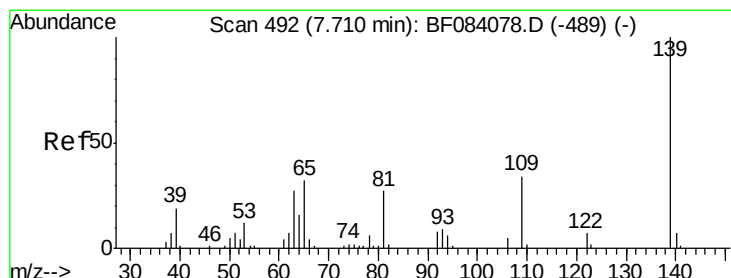
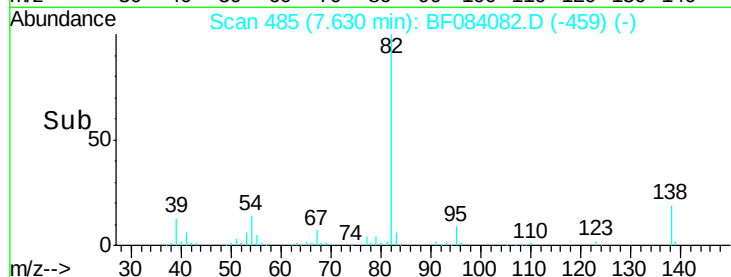
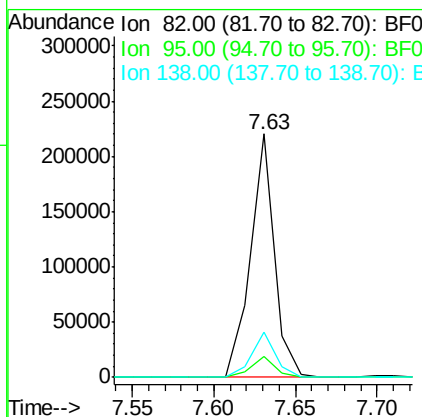
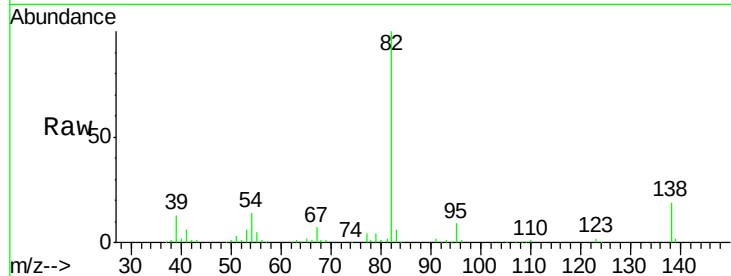
ClientSampleId :

ICVBF122415

Tgt Ion:	82	Resp:	224438
Ion Ratio		Lower	Upper
82	100		
95	8.5	6.6	10.0
138	18.8	13.6	20.4

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#26

2-Nitrophenol

Concen: 39.36 ng

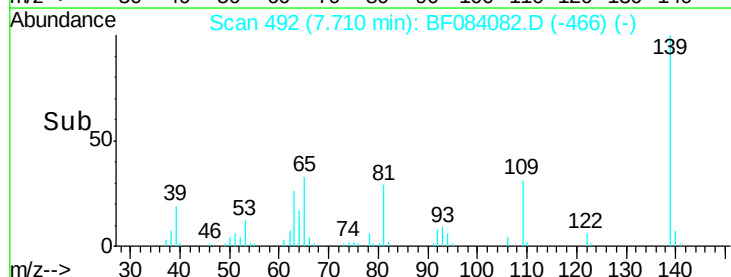
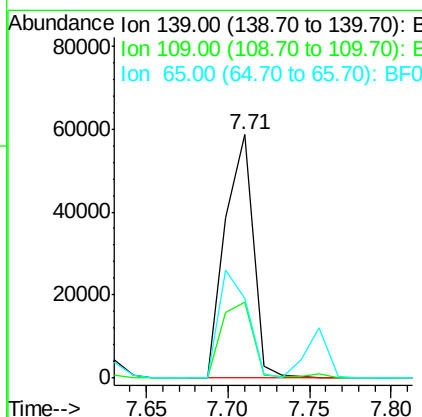
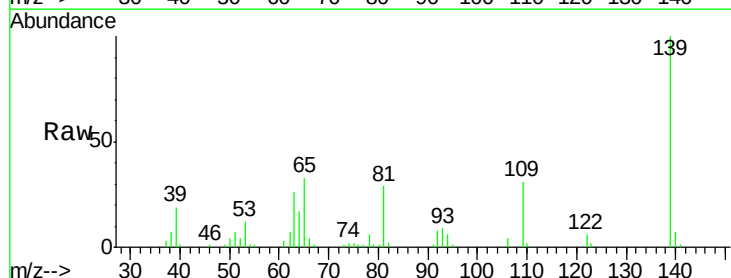
RT: 7.71 min Scan# 492

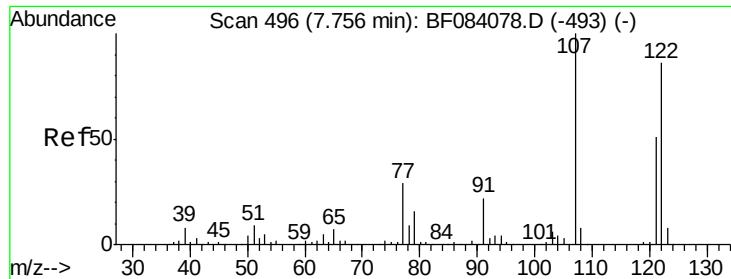
Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion:	139	Resp:	69294
Ion Ratio		Lower	Upper
139	100		
109	31.0	25.4	38.2
65	32.8	32.3	48.5





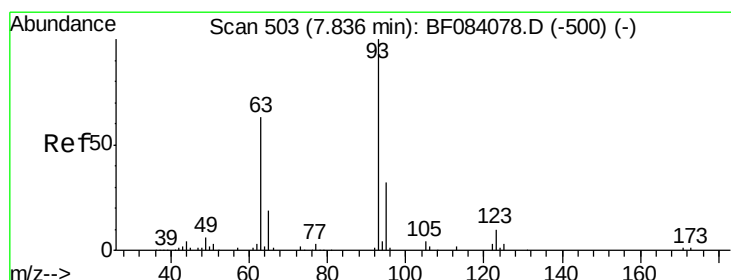
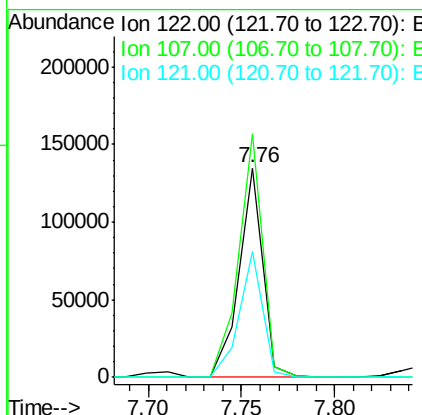
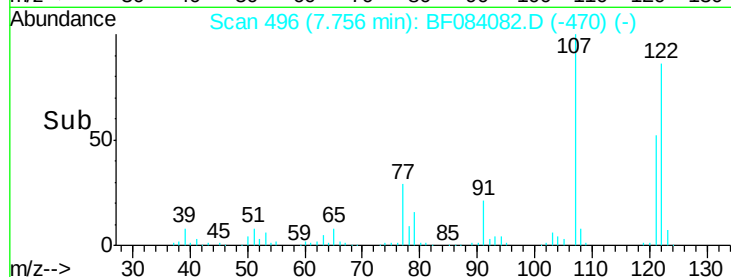
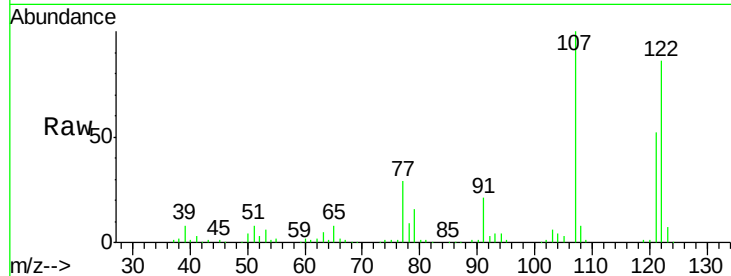
#27
 2,4-Dimethylphenol
 Concen: 40.99 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	119777		
107	116.3	99.1	148.7	
121	60.2	47.9	71.9	

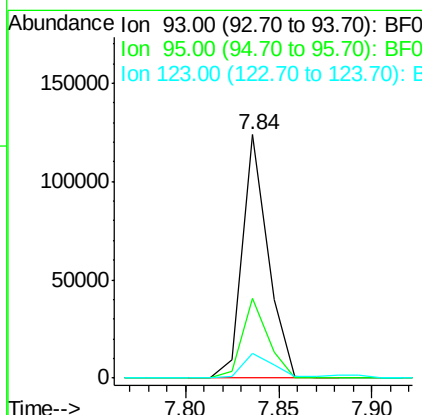
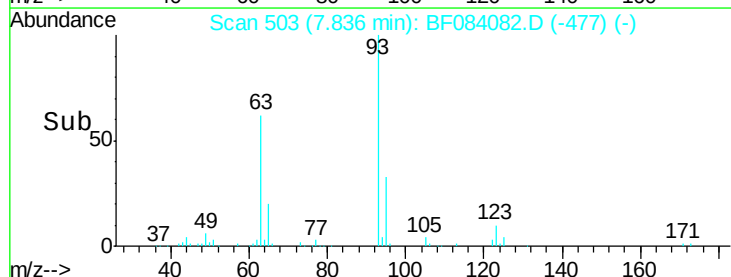
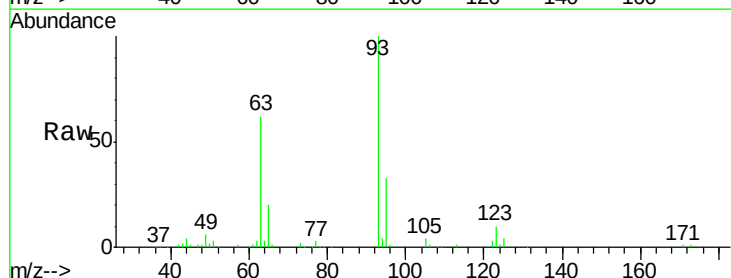
Manual Integrations
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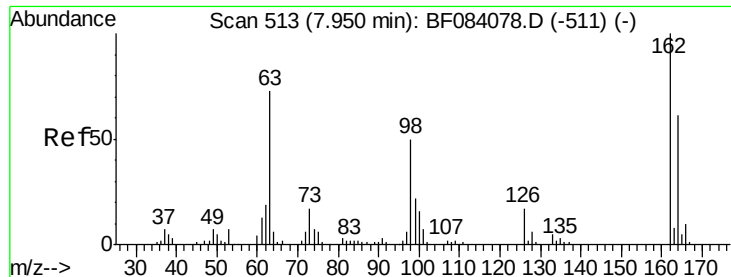
Sohil
 12/28/2015 1:08:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.15 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	119327		
95	32.5	25.8	38.6	
123	10.4	8.6	12.8	





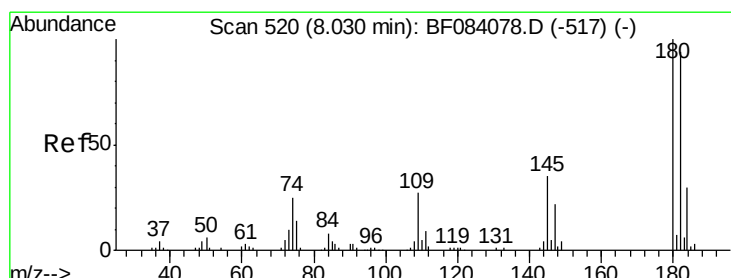
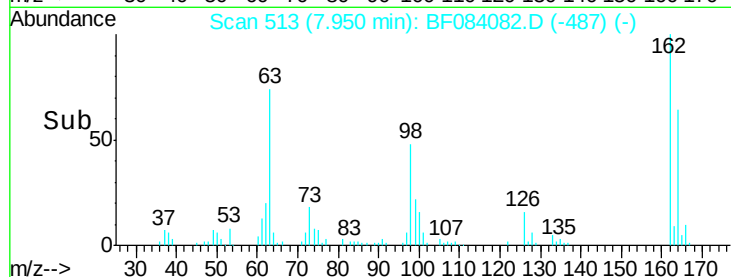
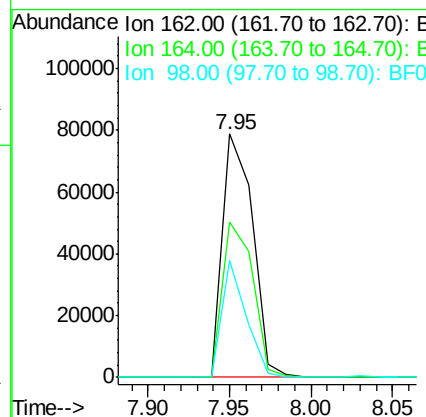
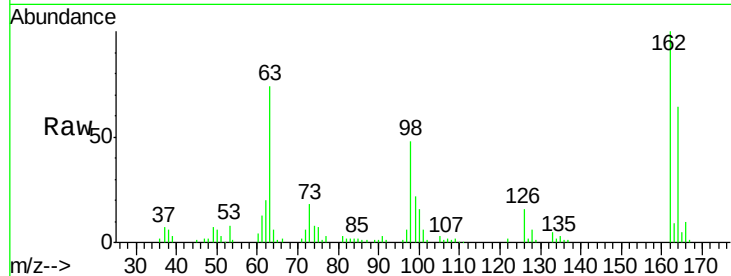
#29
2,4-Dichlorophenol
Concen: 36.99 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	100379		
164	63.6	44.1	84.1	
98	47.8	20.2	60.2	

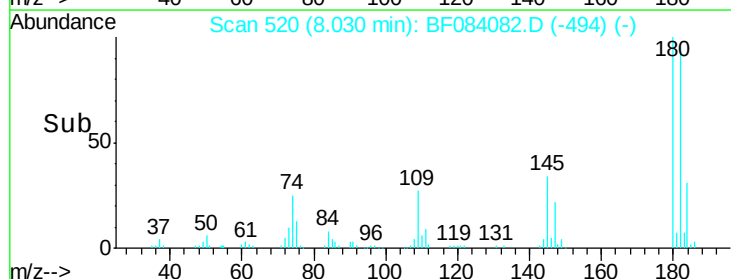
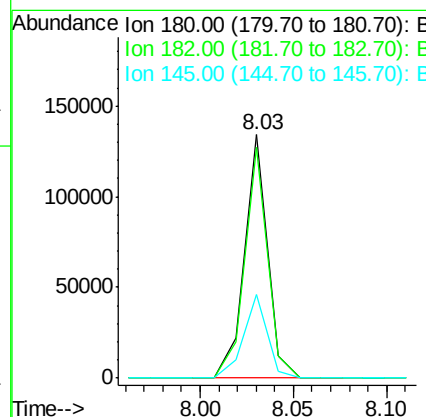
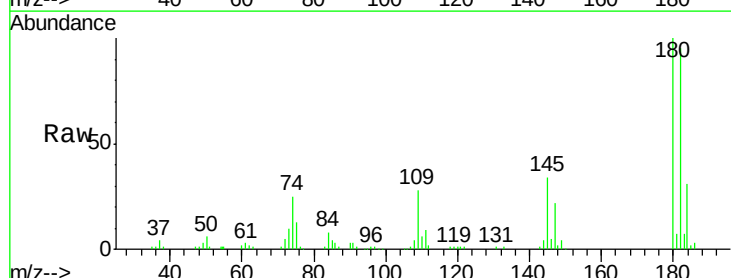
Manual Integrations
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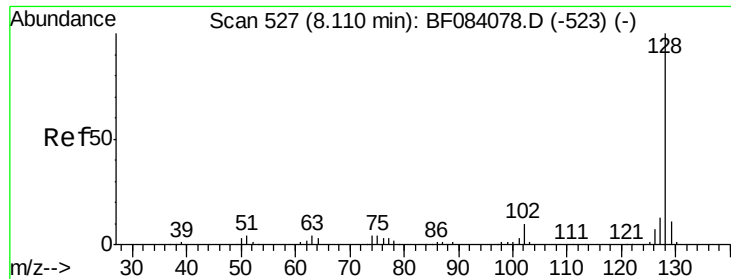
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.02 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	116044		
182	94.8	76.4	114.6	
145	34.2	31.6	47.4	





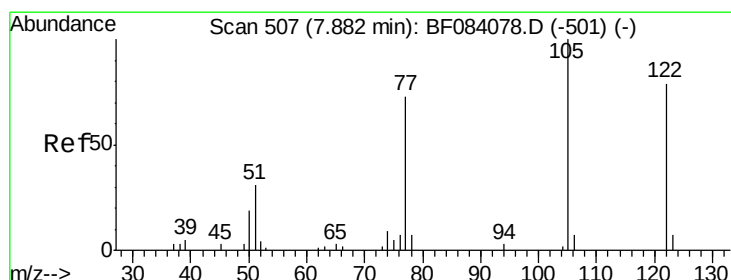
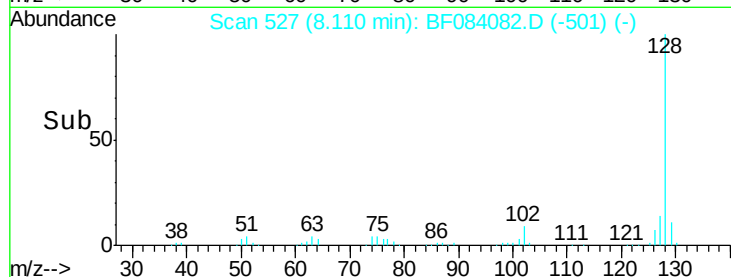
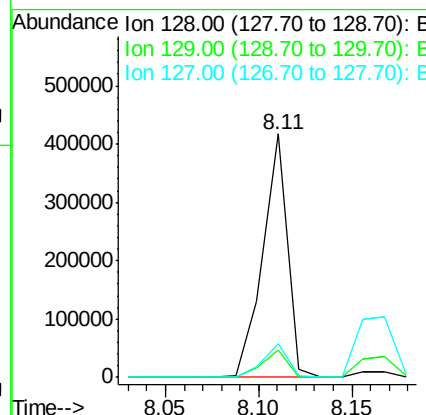
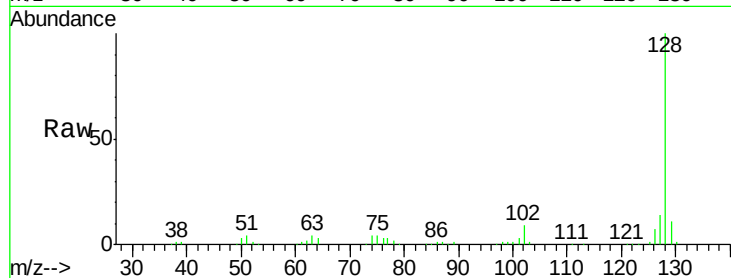
#31
Naphthalene
Concen: 38.46 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.1	9.1	13.7
127	13.6	11.1	16.7

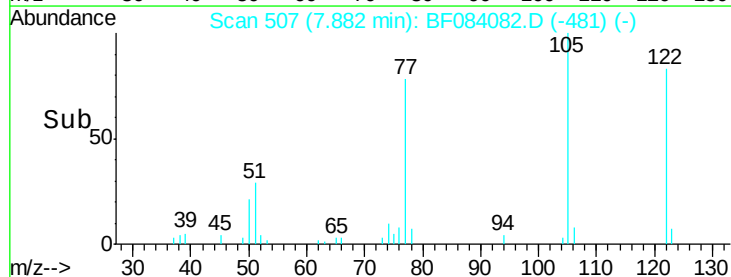
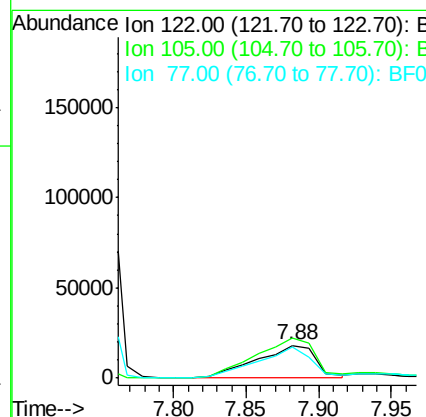
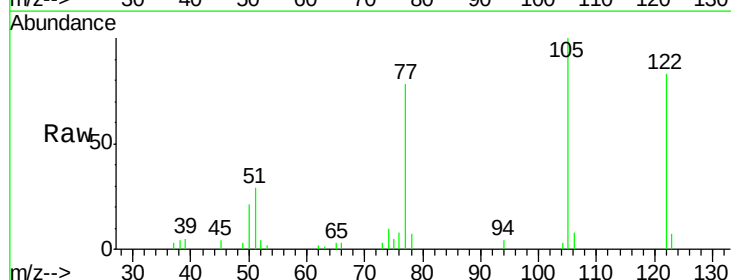
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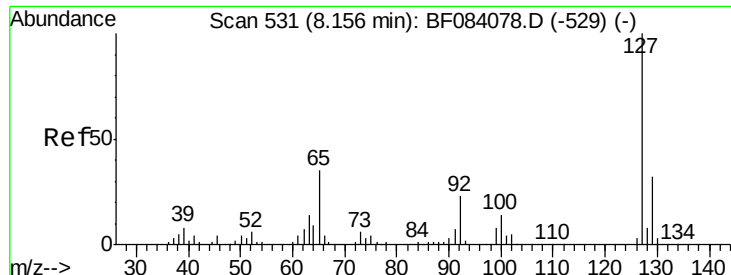
Sohil
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#32
Benzoic acid
Concen: 36.68 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	121.1	100.3	140.3
77	93.9	63.5	103.5





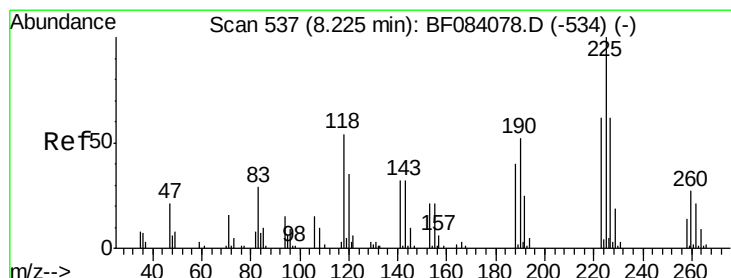
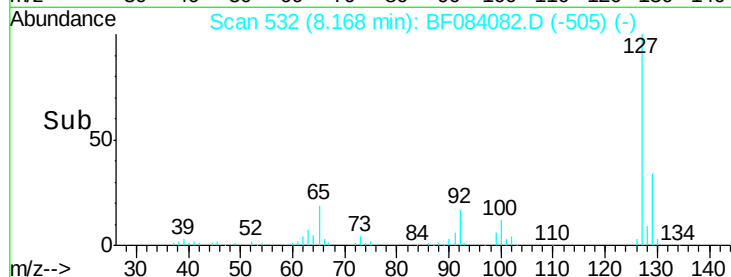
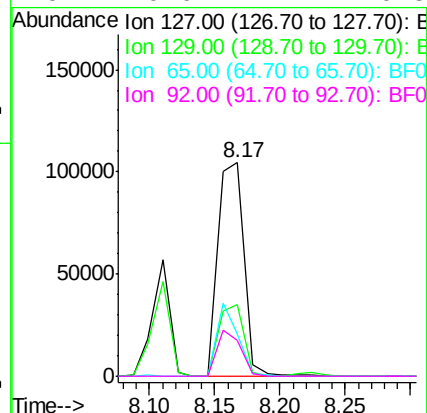
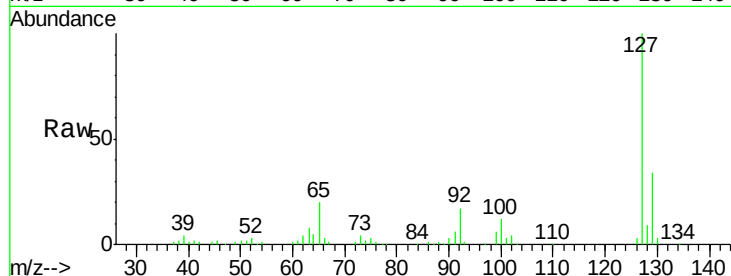
#33
4-Chloroaniline
Concen: 36.43 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.5	39.7
65	20.0	27.2	40.8
92	16.6	17.7	26.5

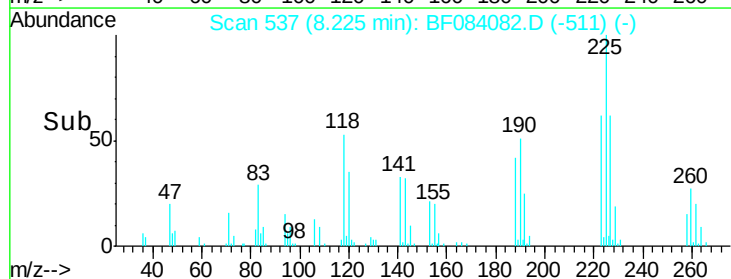
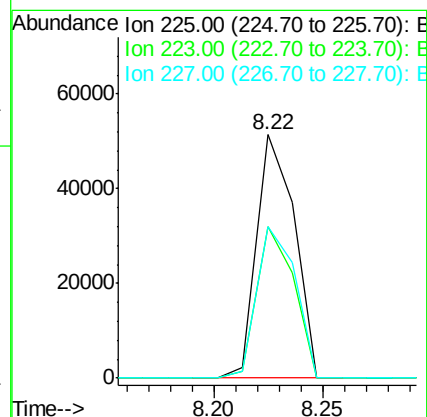
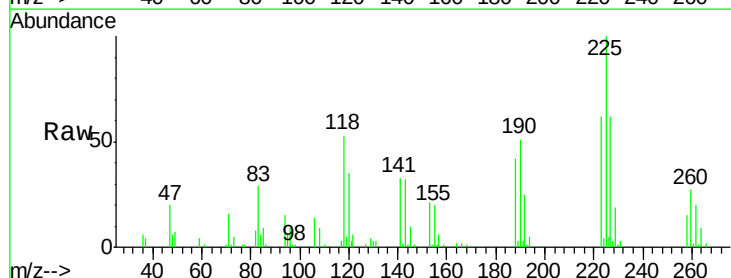
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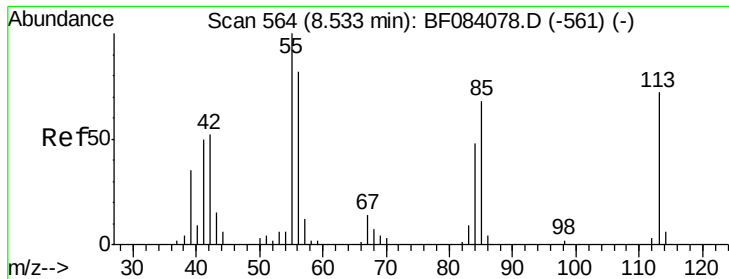
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#34
Hexachlorobutadiene
Concen: 36.66 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.0
227	62.1	50.8	76.2





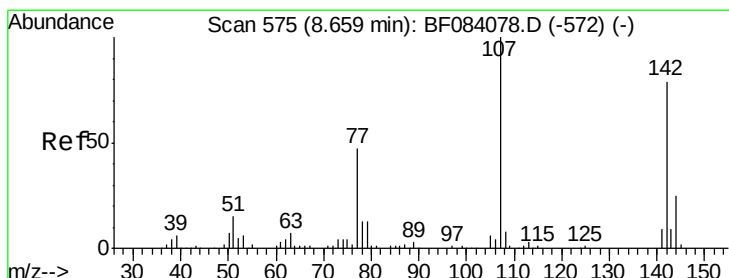
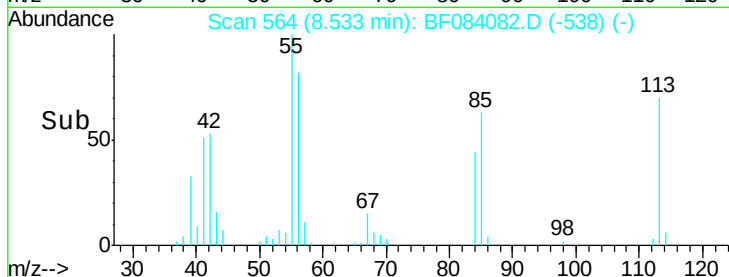
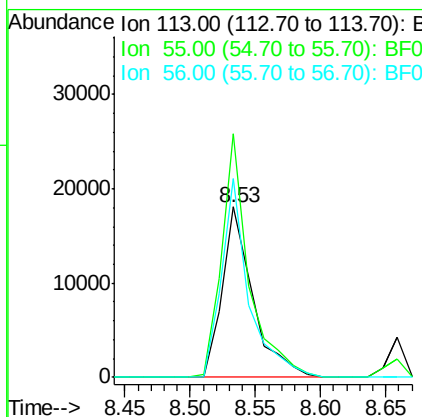
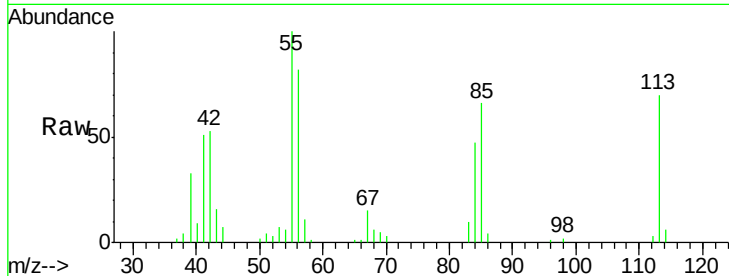
#35
 Caprolactam
 Concen: 39.14 ng
 RT: 8.53 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	29456		
55	142.7	116.9	156.9	
56	116.4	93.8	133.8	

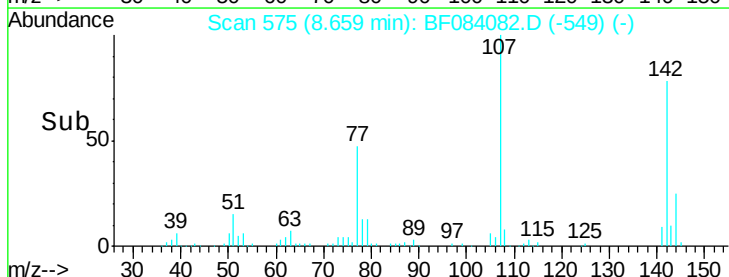
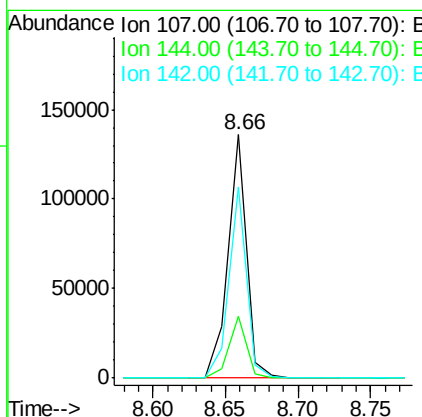
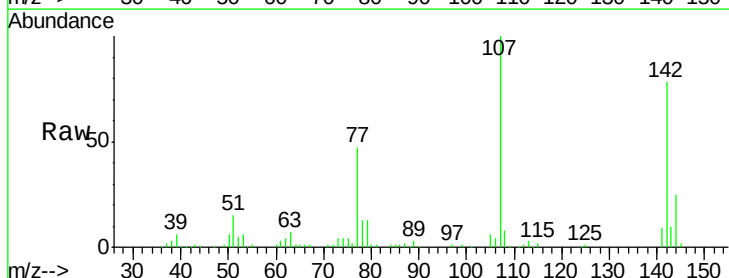
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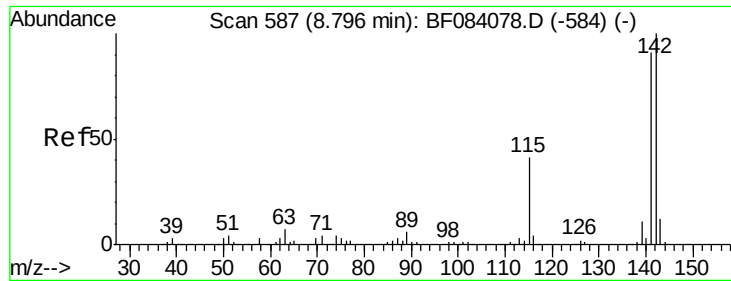
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#36
 4-Chloro-3-methylphenol
 Concen: 39.55 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	120670		
144	25.3	19.7	29.5	
142	78.5	61.8	92.6	





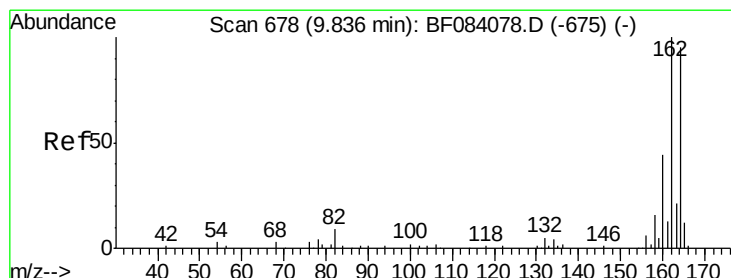
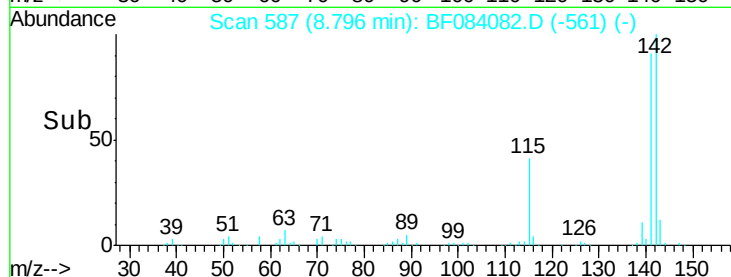
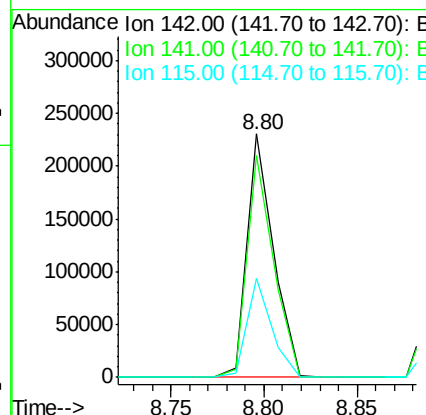
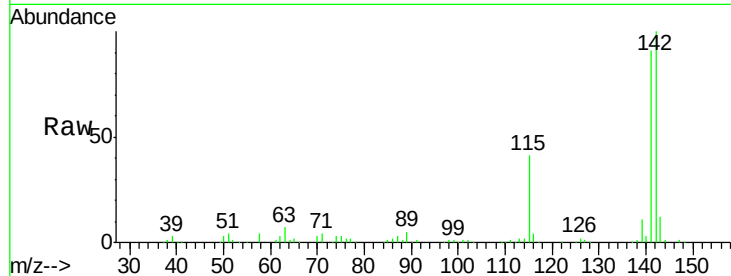
#37
 2-Methylnaphthalene
 Concen: 35.97 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	227159		
141	91.1	72.4	108.6	
115	40.7	27.9	41.9	

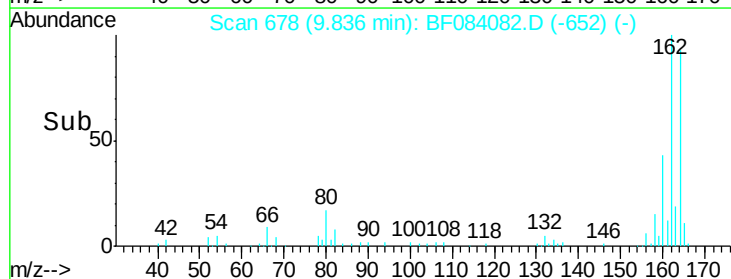
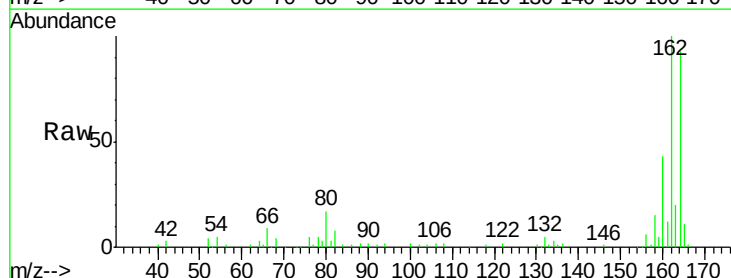
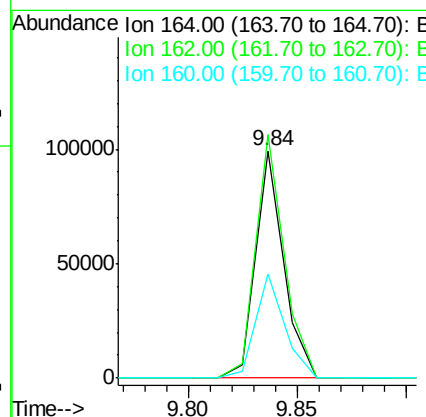
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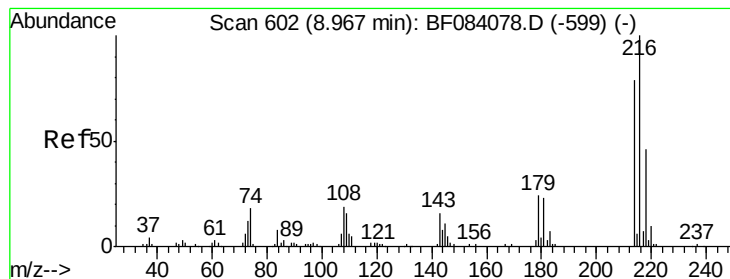
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	88516		
162	107.0	85.1	127.7	
160	45.7	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.67 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

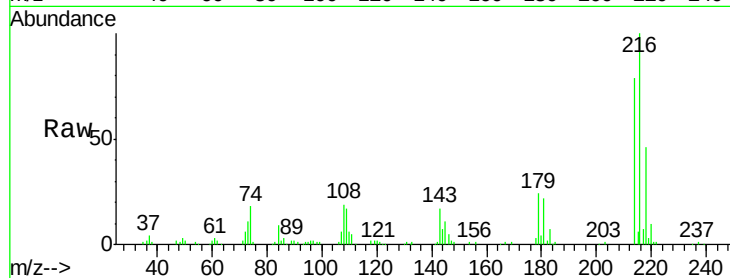
ClientSampleId :

ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	107908		
214	78.7	64.2	96.2	
179	23.9	18.7	28.1	
108	20.7	16.8	25.2	

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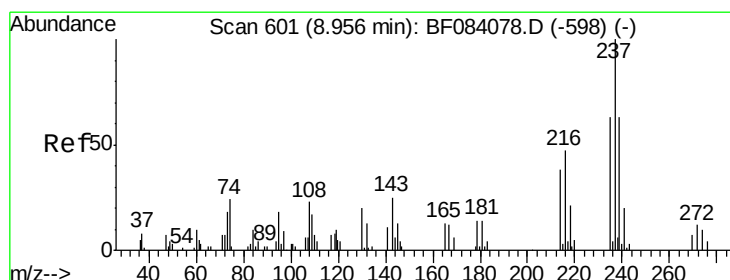
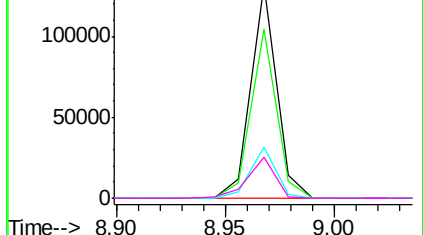
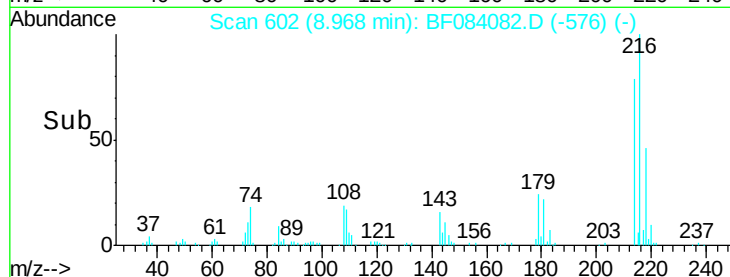


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.73 ng

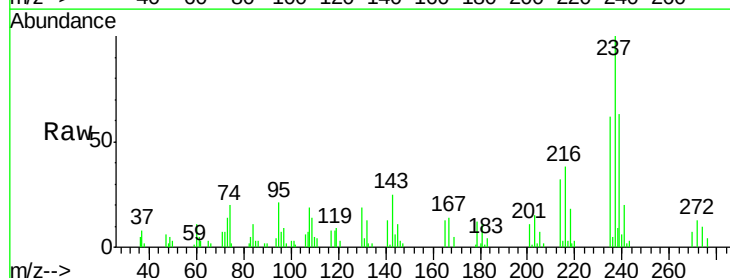
RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

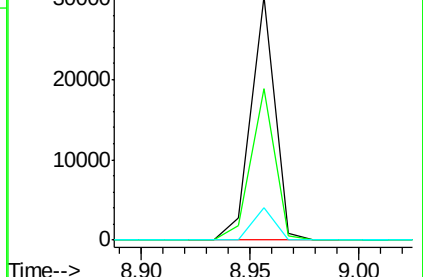
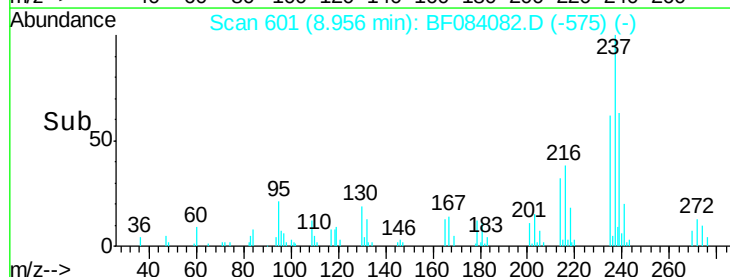
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	23338		
235	62.4	43.1	83.1	
272	13.3	0.0	35.1	

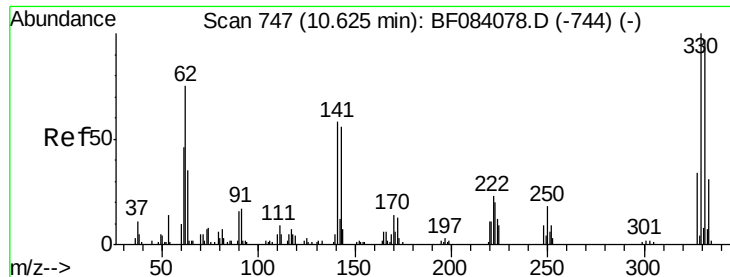


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





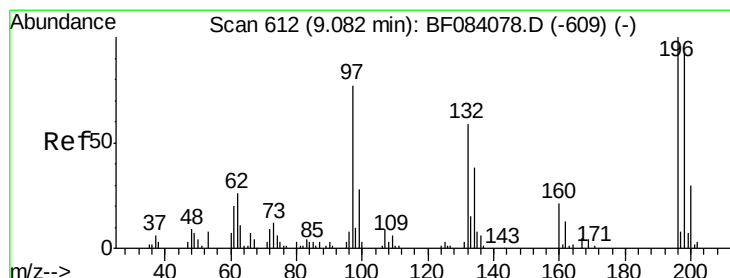
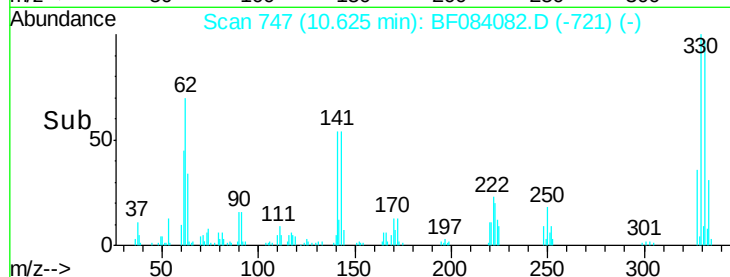
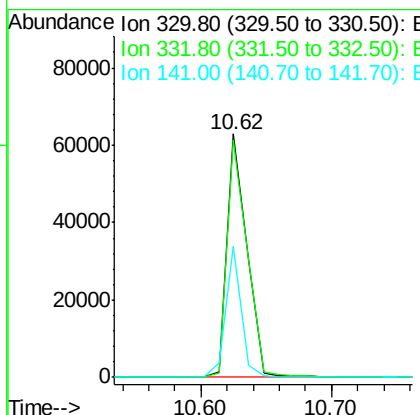
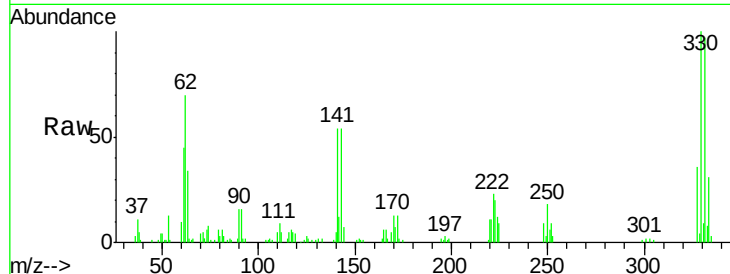
#41
 2,4,6-Tribromophenol
 Concen: 70.35 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	66402		
332	98.4	76.6	114.8	
141	42.4	27.8	41.6#	

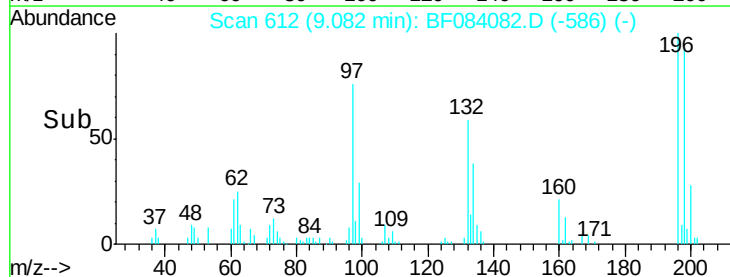
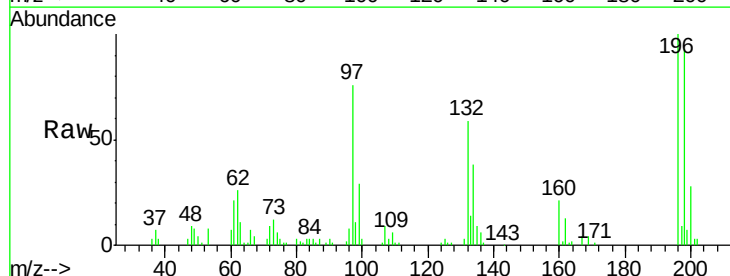
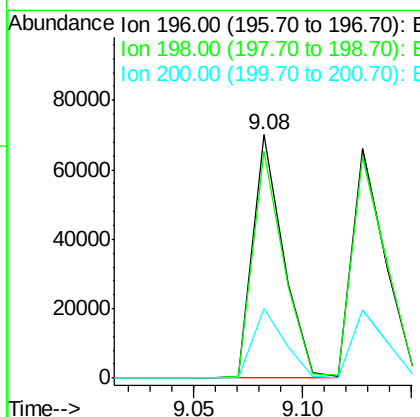
Manual Integrations
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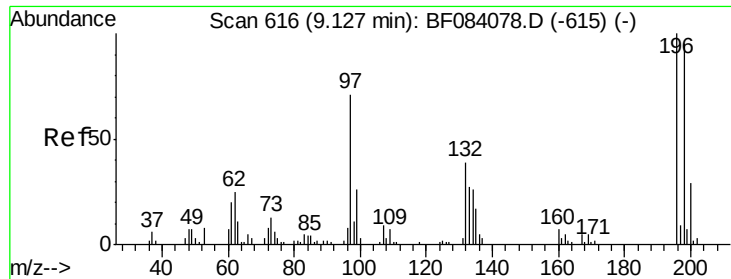
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 37.66 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68526		
198	93.5	77.7	116.5	
200	28.3	24.6	37.0	





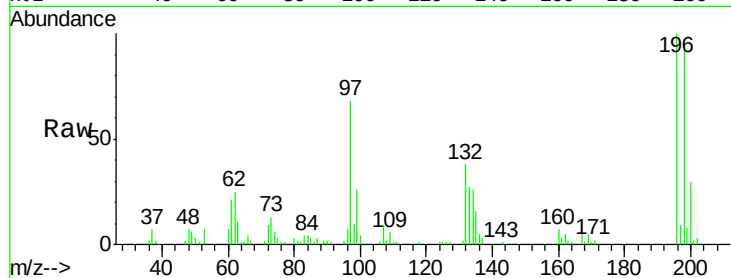
#43
 2,4,5-Trichlorophenol
 Concen: 38.62 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70334		
198	97.0	79.0	118.6	
97	68.4	33.0	49.6#	
132	37.7	21.1	31.7#	

Manual Integrations
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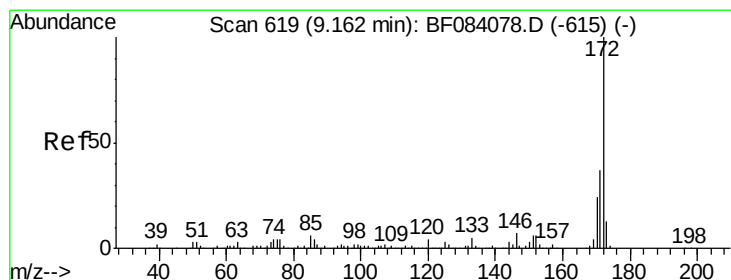
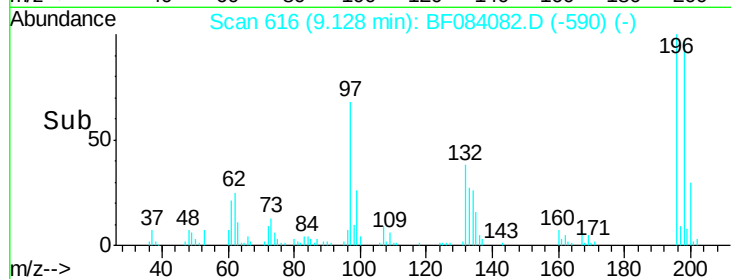
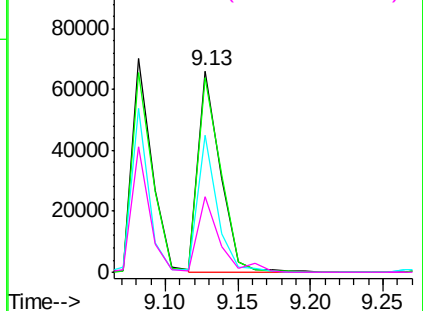
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

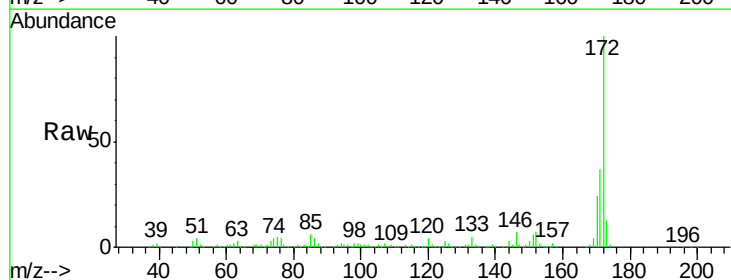
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.31 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	454822		
171	36.6	28.9	43.3	
170	23.9	18.6	27.8	

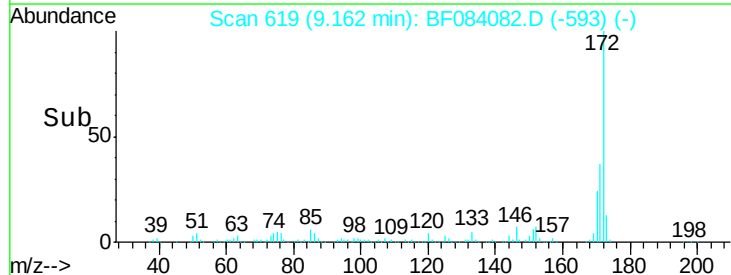
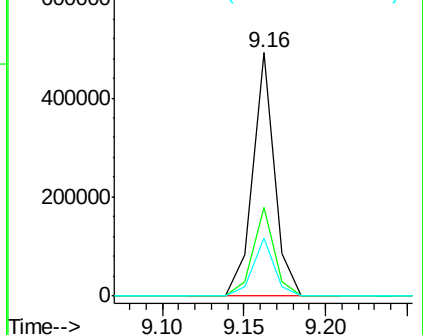


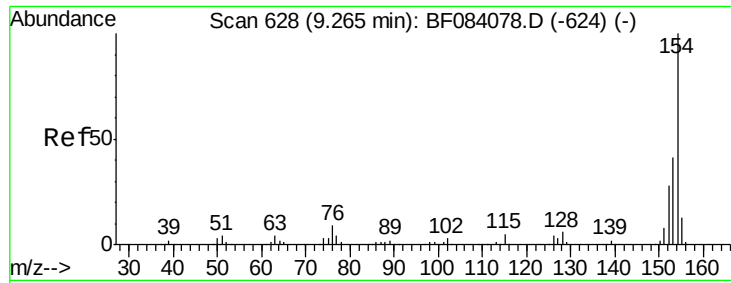
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





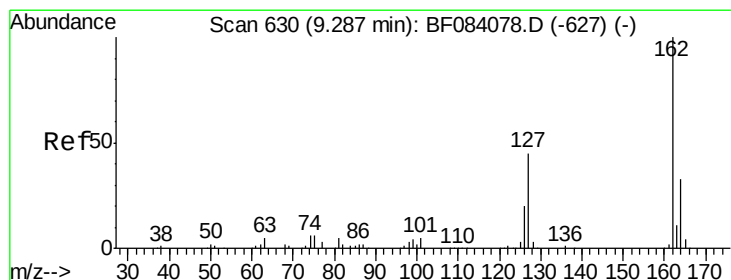
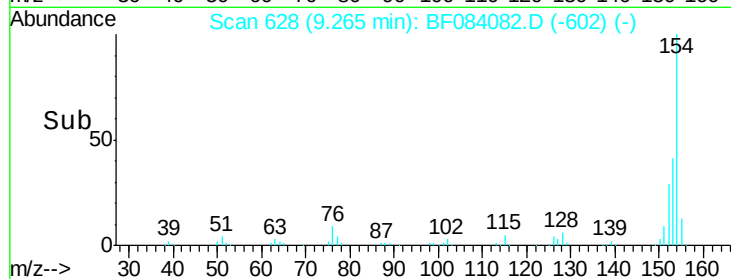
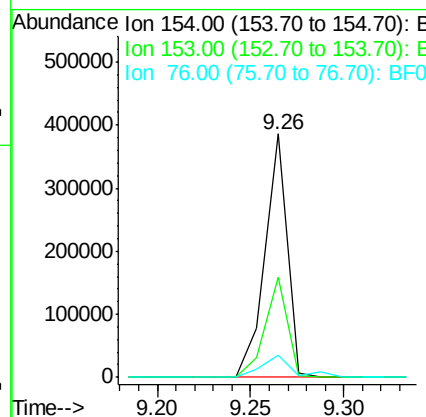
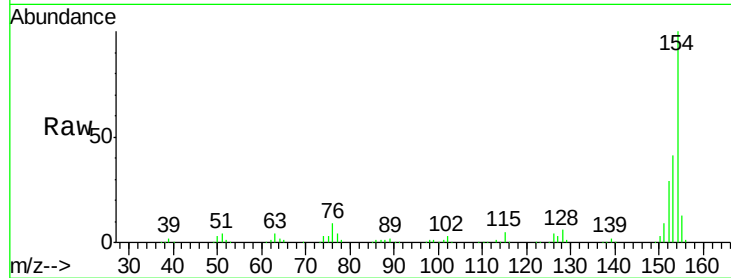
#45
 1,1'-Biphenyl
 Concen: 40.56 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:	154	Resp:	324321
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.6	61.6
76	9.4	0.0	32.7

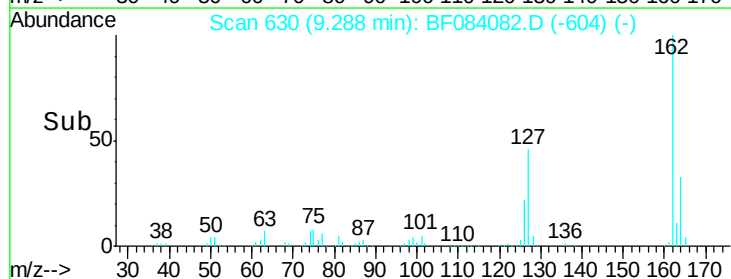
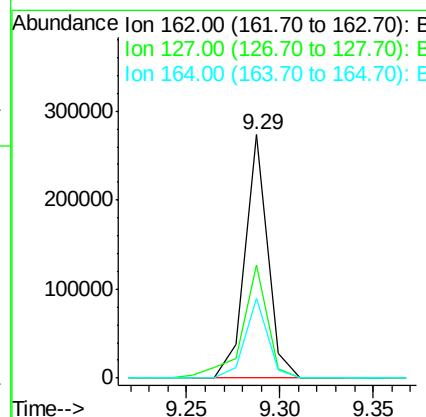
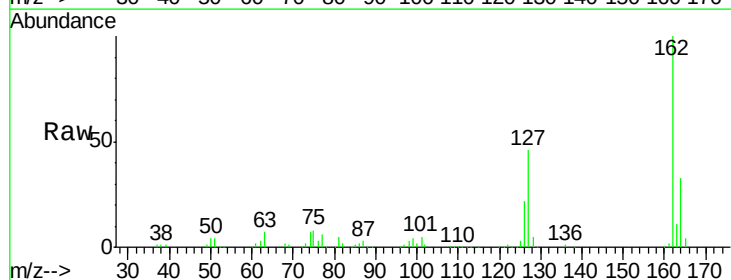
Manual Integrations
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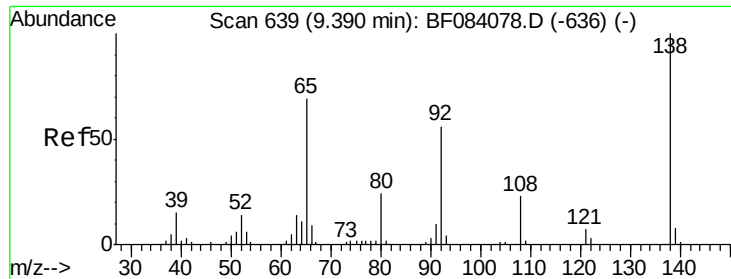
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#46
 2-Chloronaphthalene
 Concen: 38.33 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:	162	Resp:	233013
Ion Ratio	Lower	Upper	
162	100		
127	46.4	40.2	60.4
164	32.8	25.7	38.5





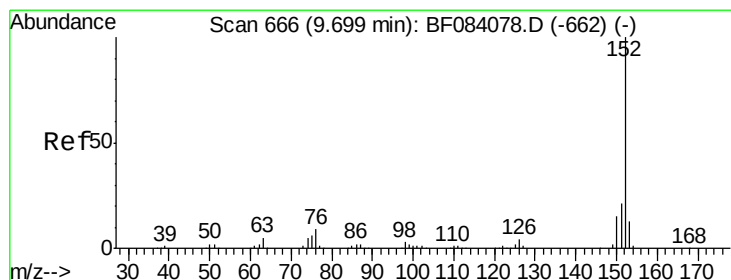
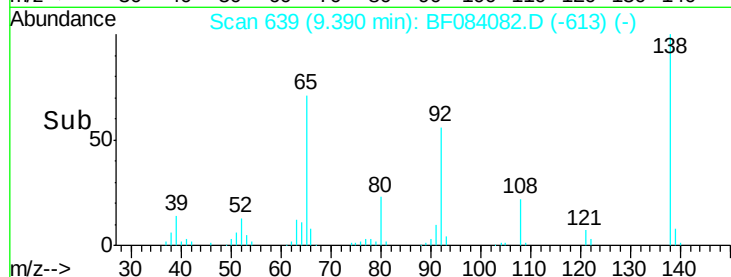
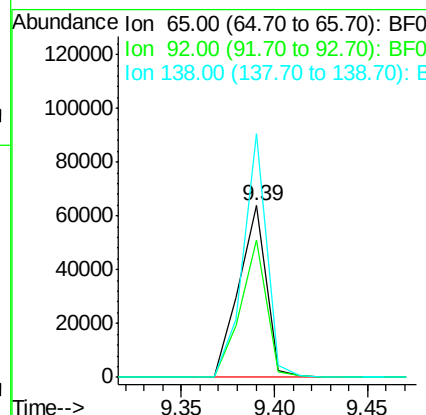
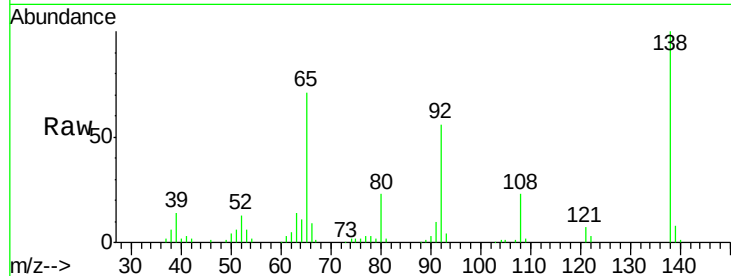
#47
2-Nitroaniline
Concen: 40.97 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.6	53.4	80.2
138	141.7	71.1	106.7#

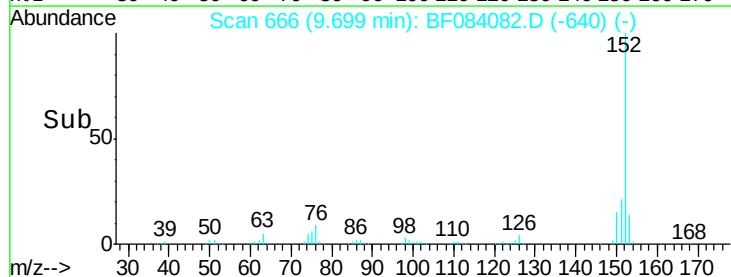
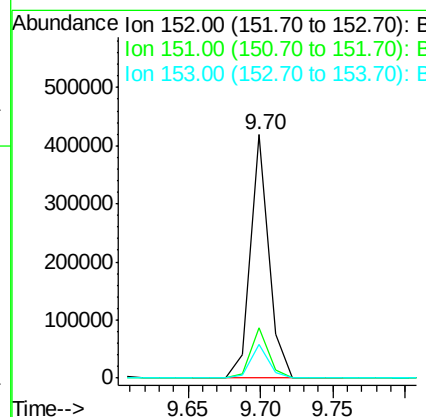
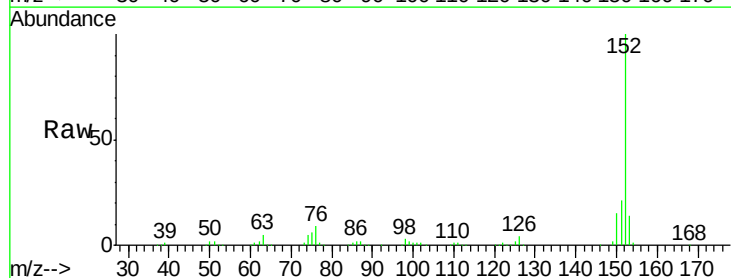
Manual Integrations
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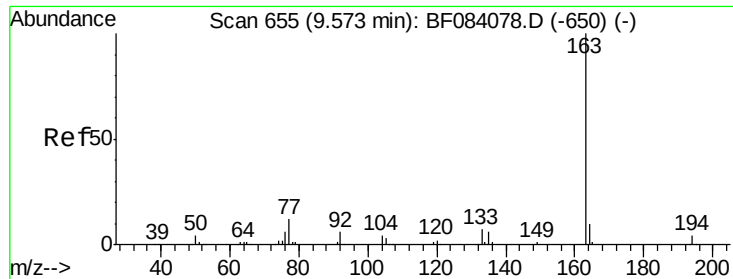
Sohil
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#48
Acenaphthylene
Concen: 36.82 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.7	10.4	15.6





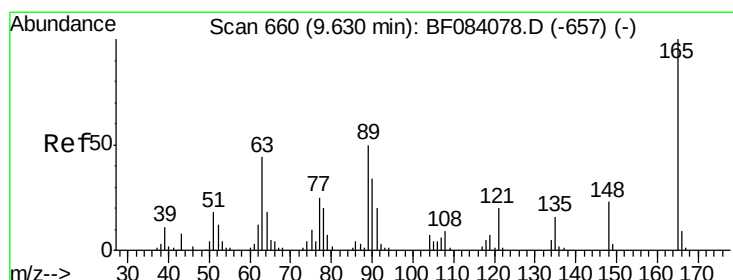
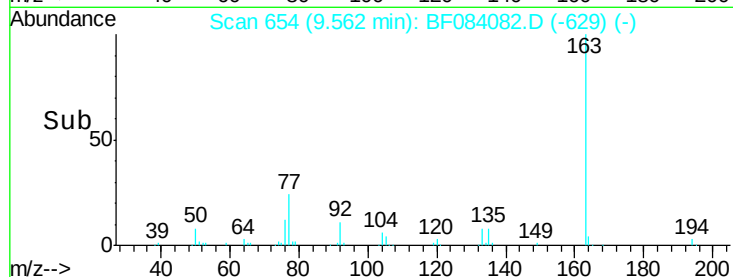
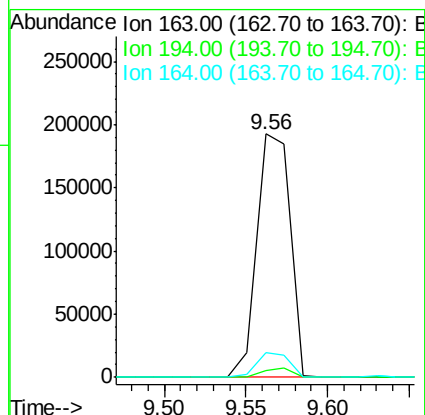
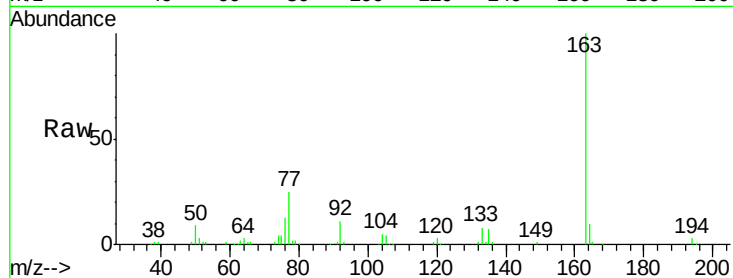
#49
Dimethylphthalate
Concen: 37.22 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	8.0	12.0#
164	10.3	8.0	12.0

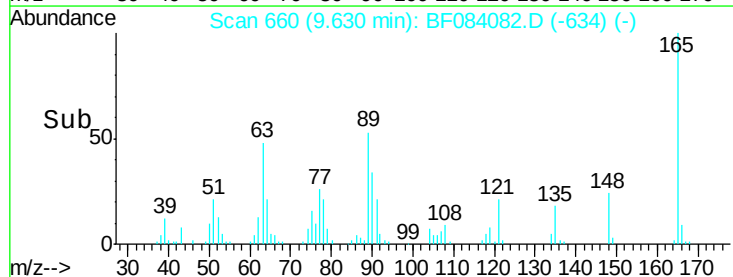
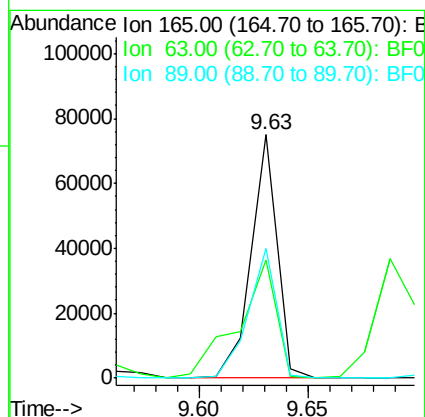
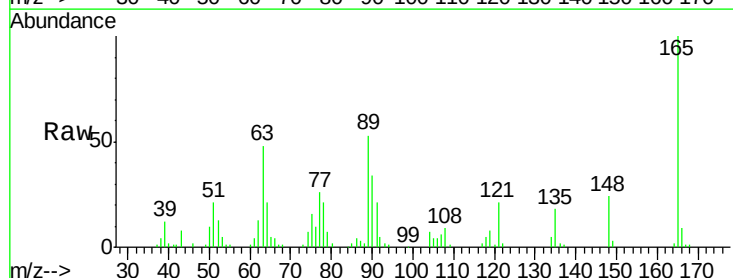
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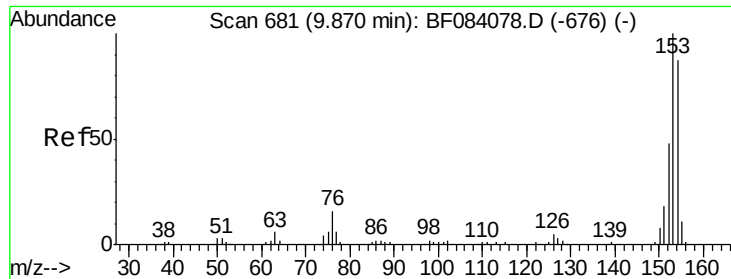
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#50
2,6-Dinitrotoluene
Concen: 39.98 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.4	28.8	43.2#
89	53.3	35.1	52.7#





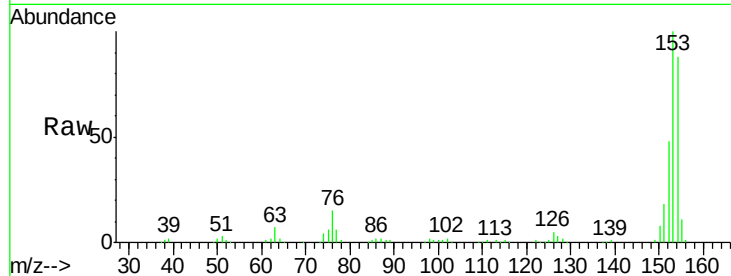
#51
Acenaphthene
Concen: 36.88 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

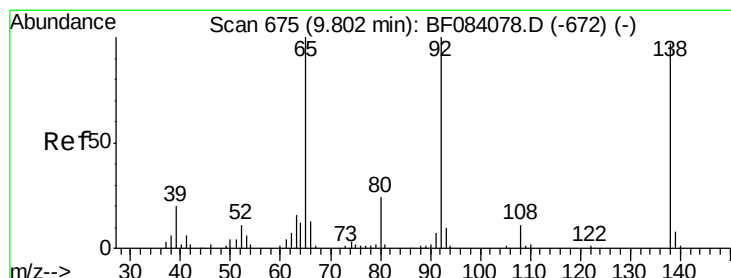
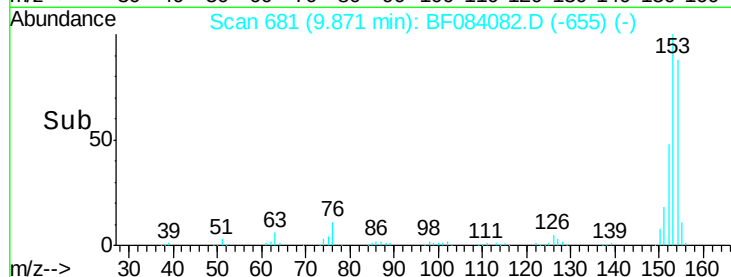
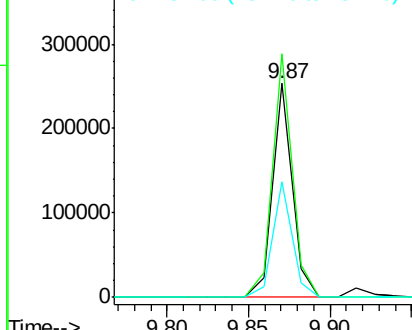
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	214153		
153	113.9	91.5	137.3	
152	54.4	43.0	64.6	

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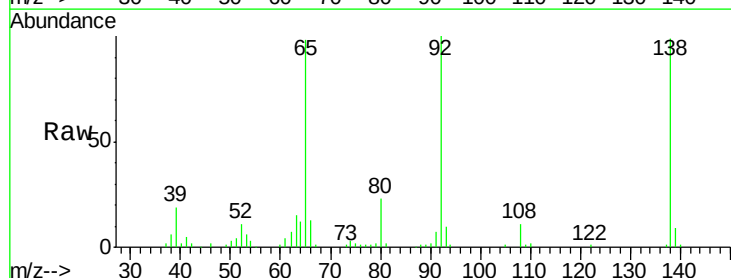


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

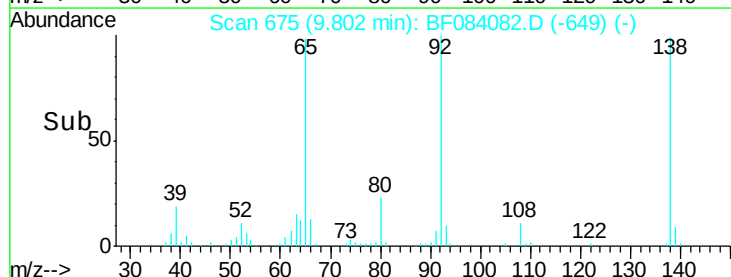
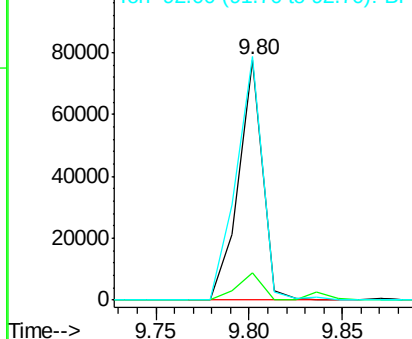


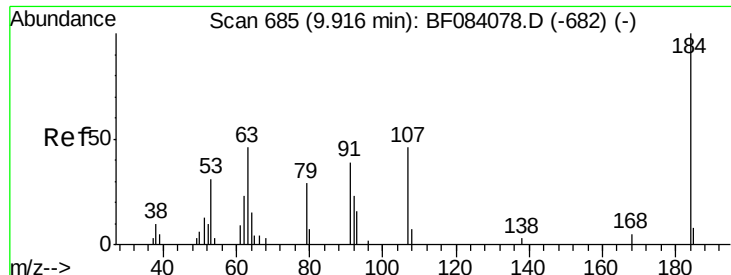
#52
3-Nitroaniline
Concen: 42.08 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	70265		
108	11.4	10.5	15.7	
92	101.4	103.9	155.9#	



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





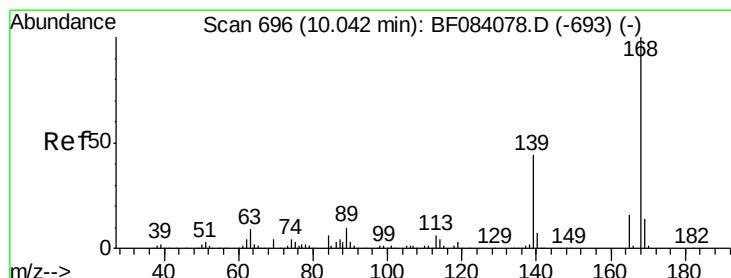
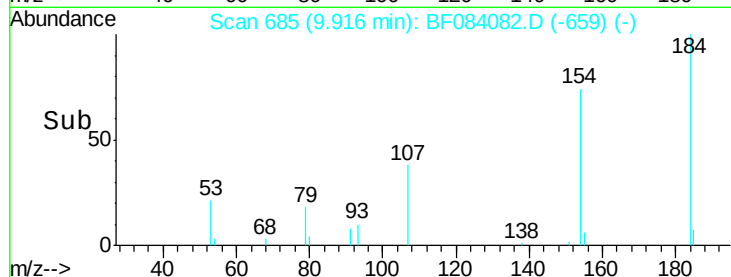
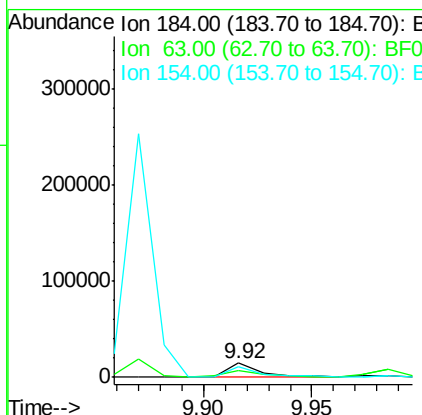
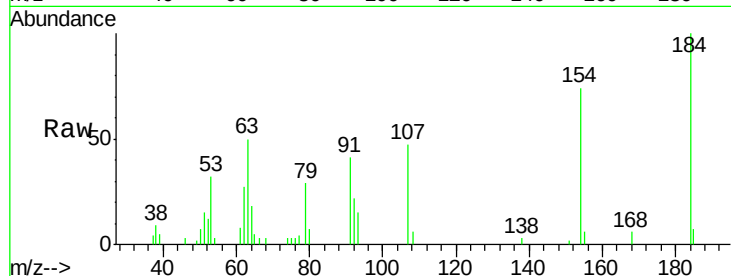
#53
 2,4-Dinitrophenol
 Concen: 36.77 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	15921		
63	49.9	43.1	64.7	
154	73.8	60.5	90.7	

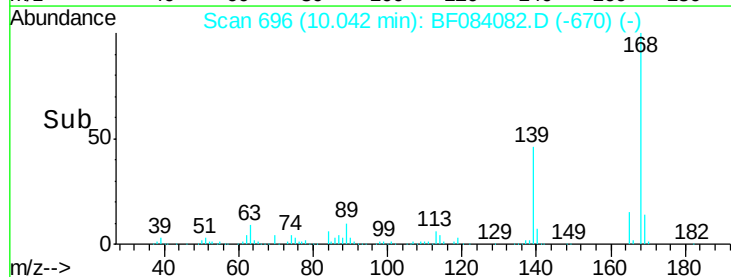
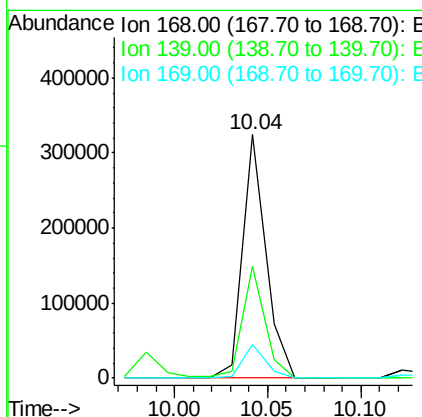
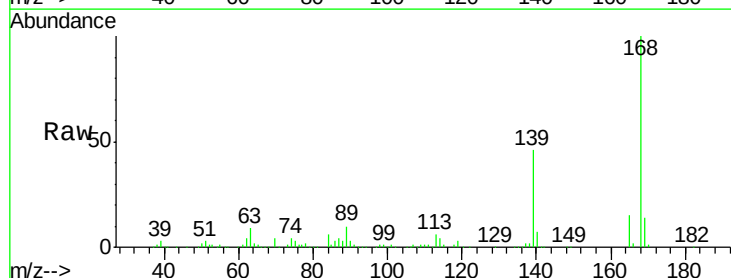
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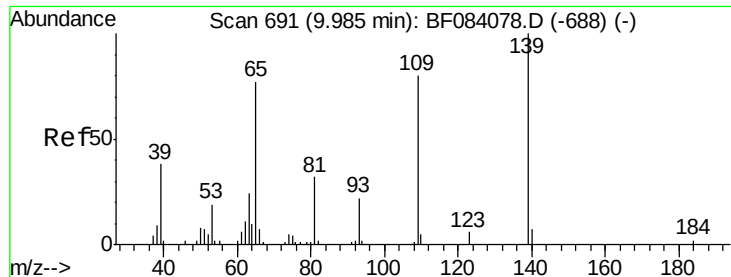
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#54
 Dibenzofuran
 Concen: 35.56 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	283949		
139	46.0	30.5	45.7#	
169	13.6	10.4	15.6	





#55

4-Nitrophenol

Concen: 39.16 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

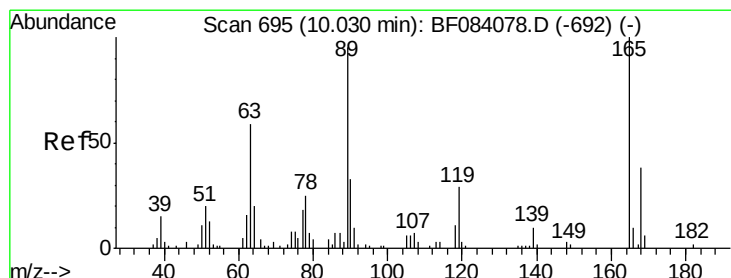
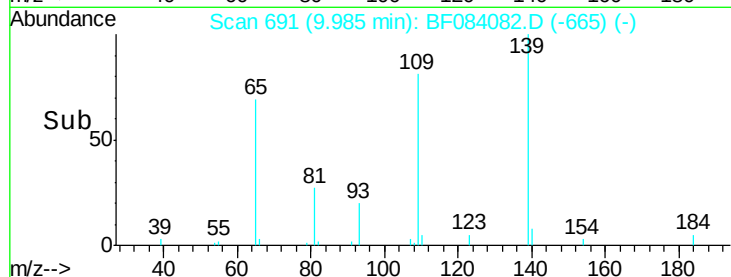
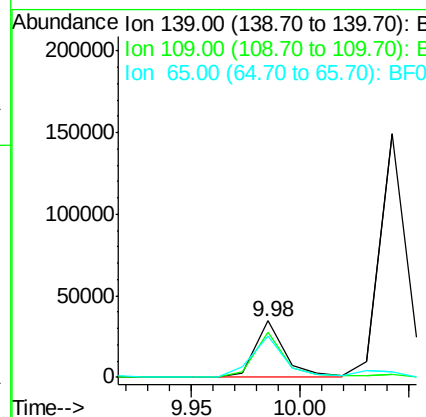
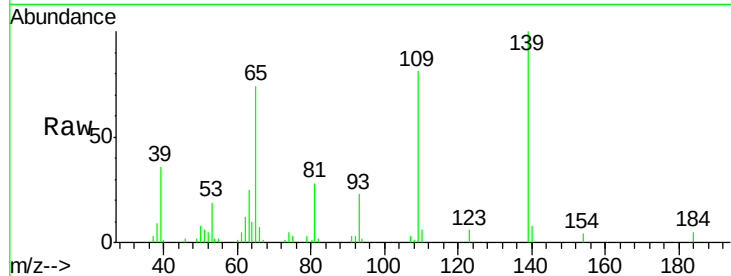
ClientSampleId :

ICVBF122415

Tgt Ion:	139	Resp:	33377
Ion Ratio	Lower	Upper	
139	100		
109	80.8	58.5	98.5
65	73.8	57.6	97.6

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#56

2,4-Dinitrotoluene

Concen: 36.31 ng

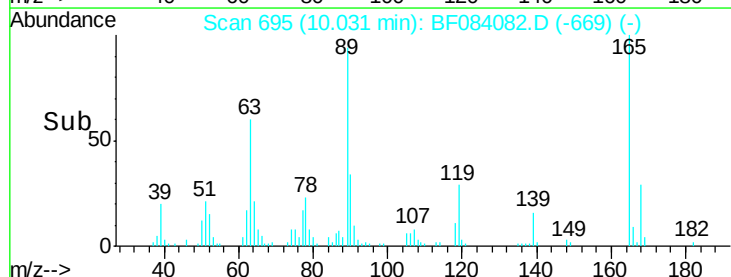
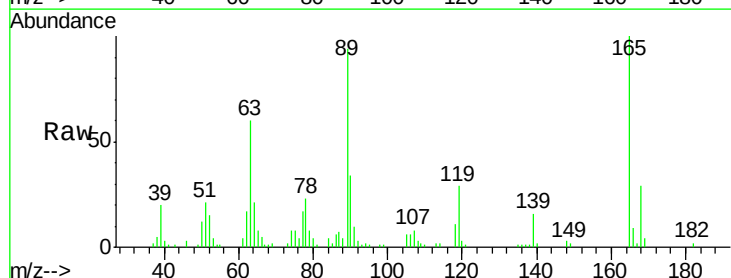
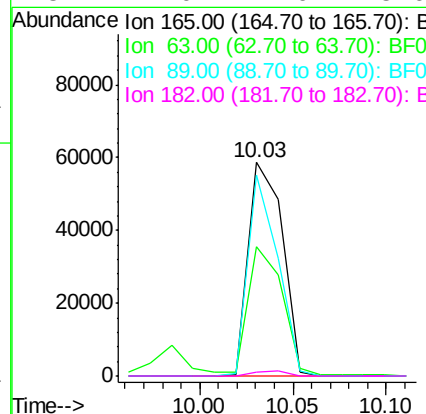
RT: 10.03 min Scan# 695

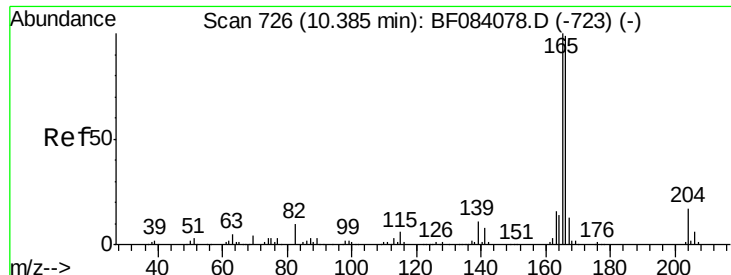
Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion:	165	Resp:	74594
Ion Ratio	Lower	Upper	
165	100		
63	60.3	36.7	55.1#
89	93.9	61.9	92.9#
182	2.0	2.0	3.0#





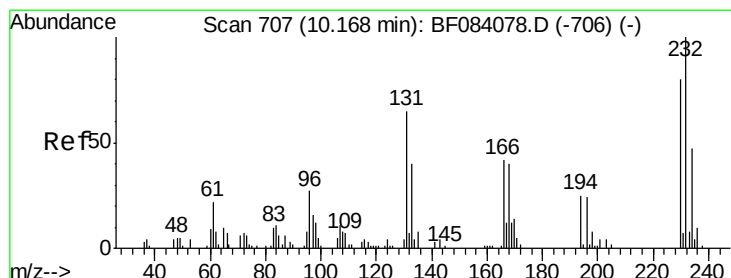
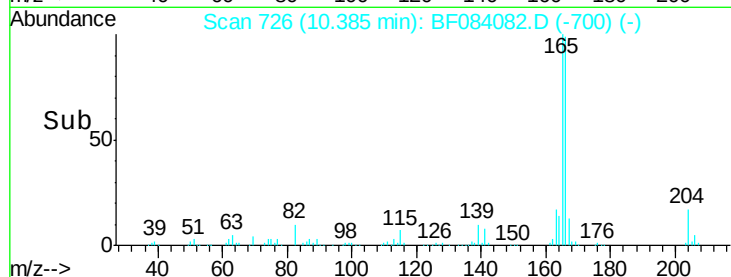
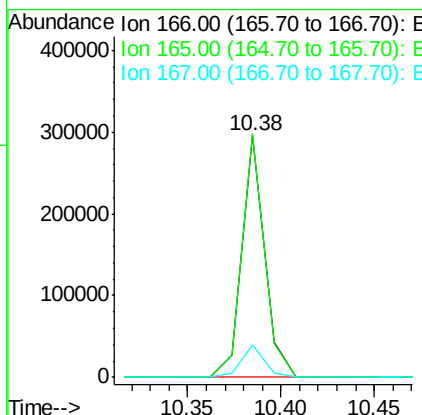
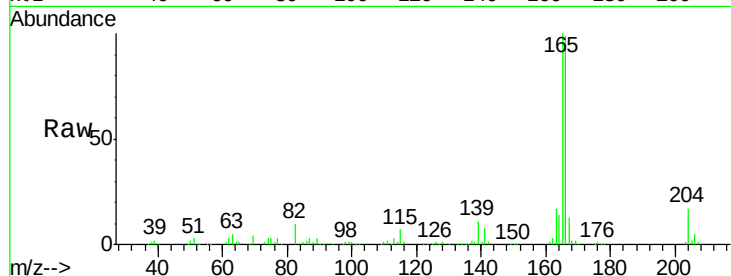
#57
Fluorene
 Concen: 36.93 ng
 RT: 10.38 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	250668		
165	100.6	79.1	118.7	
167	13.4	10.4	15.6	

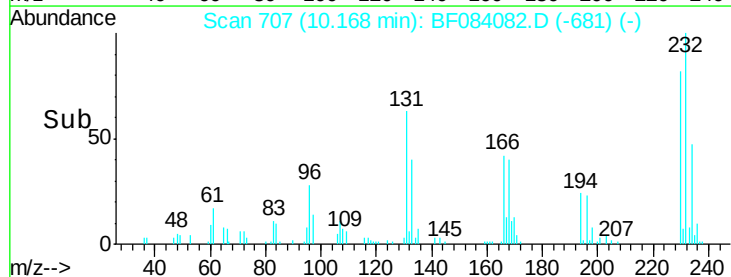
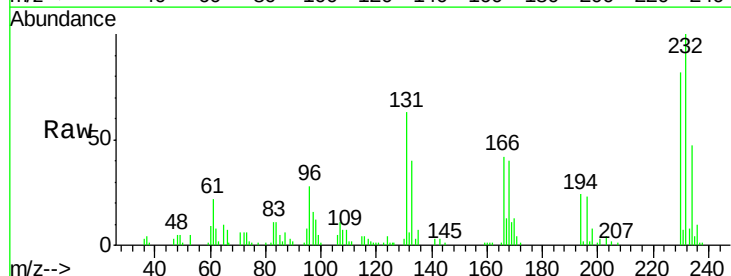
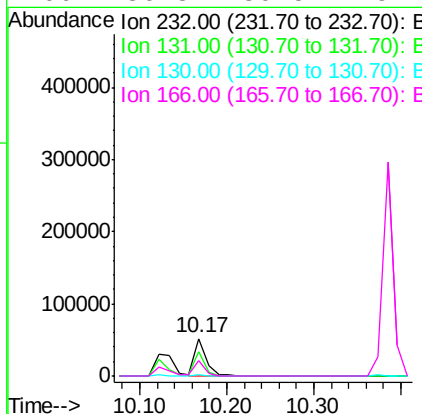
Manual Integrations
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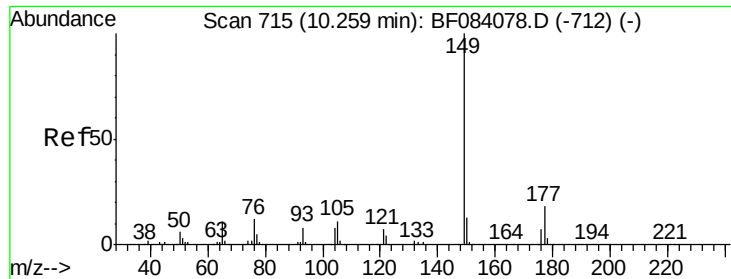
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.60 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	51407		
131	56.5	47.0	70.6	
130	2.4	2.0	3.0	
166	36.8	30.5	45.7	





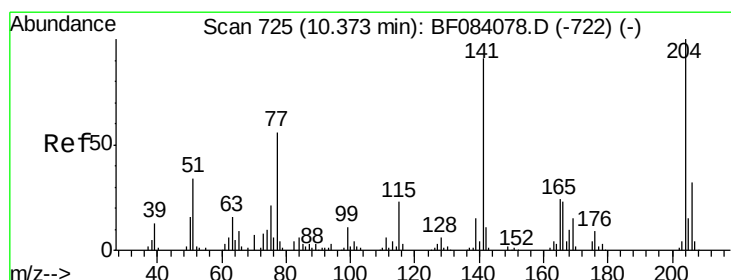
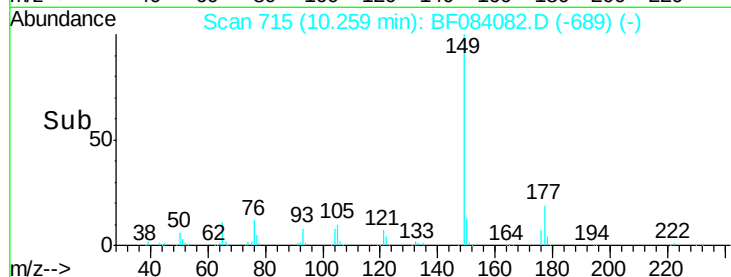
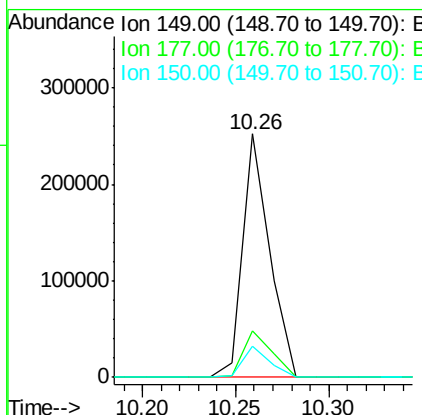
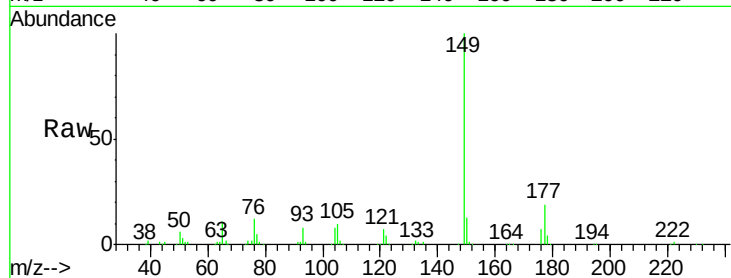
#59
Diethylphthalate
Concen: 33.82 ng
RT: 10.26 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.0	17.3	25.9
150	13.0	9.8	14.8

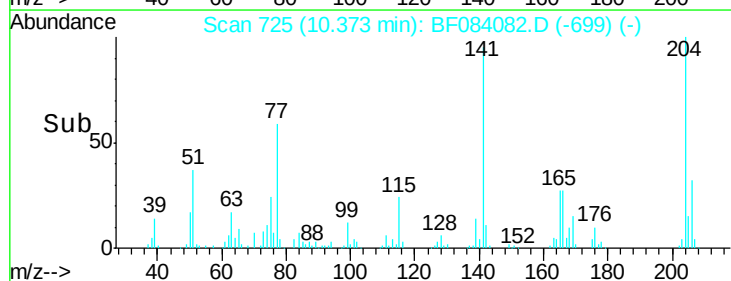
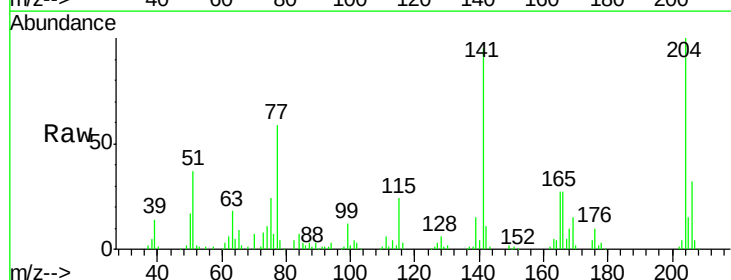
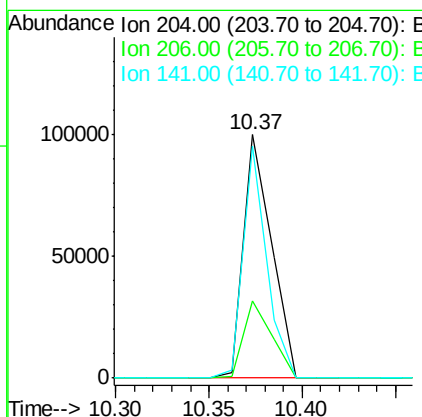
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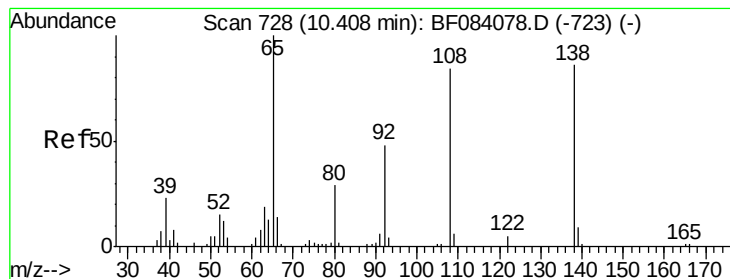
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 33.43 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	31.5	25.7	38.5
141	95.1	55.1	82.7#





#61

4-Nitroaniline

Concen: 40.38 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

Tgt Ion:138 Resp: 62322

Ion Ratio Lower Upper

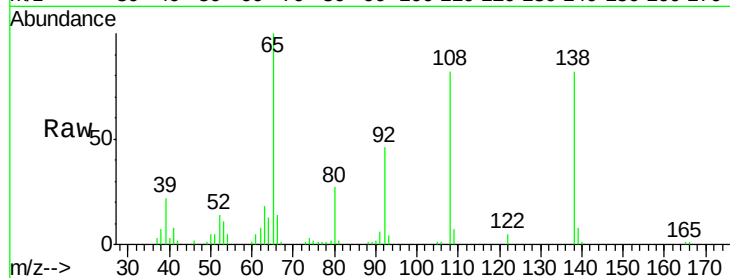
138 100

92 55.3 32.6 72.6

108 99.2 68.6 108.6

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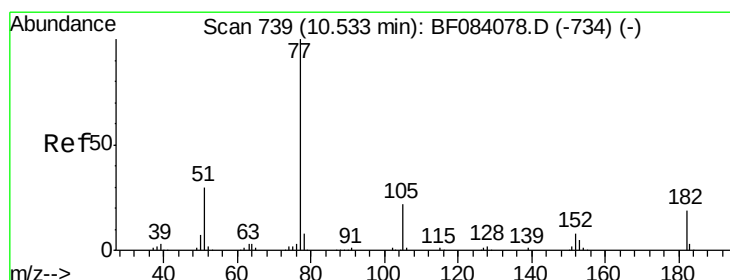
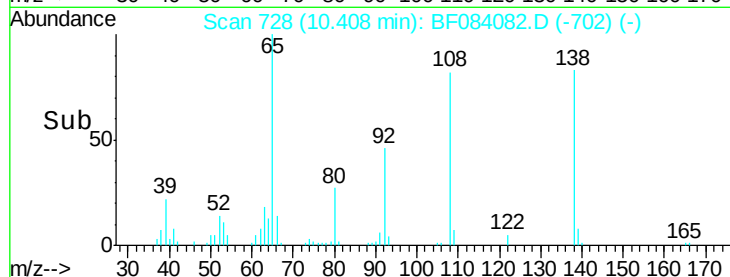
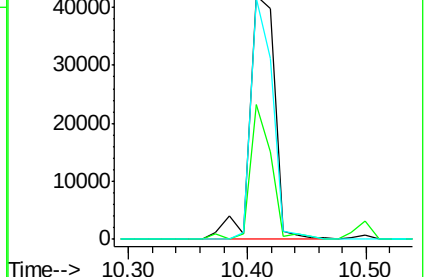
Sohil
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.32 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion: 77 Resp: 228946

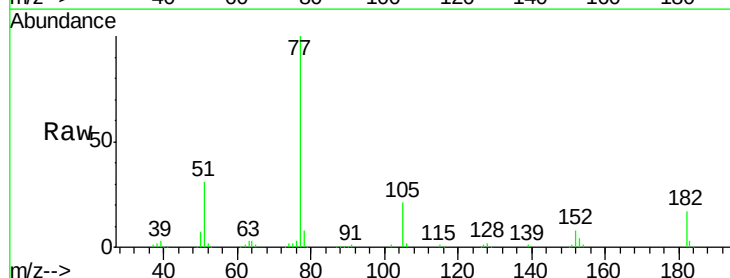
Ion Ratio Lower Upper

77 100

182 17.0 8.3 48.3

105 21.5 4.6 44.6

51 30.7 6.2 46.2

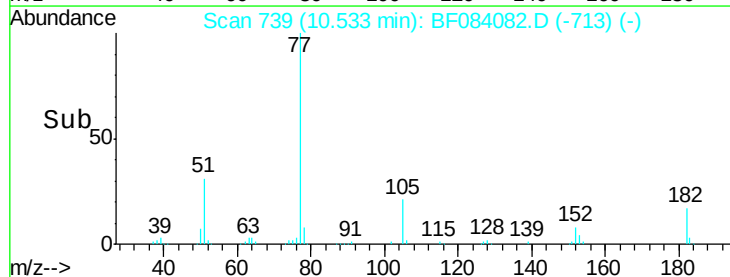
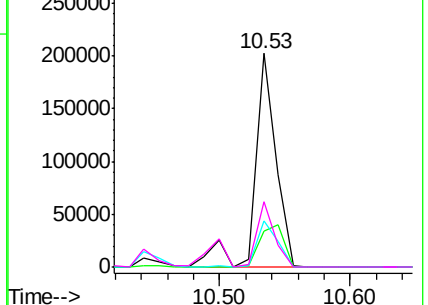


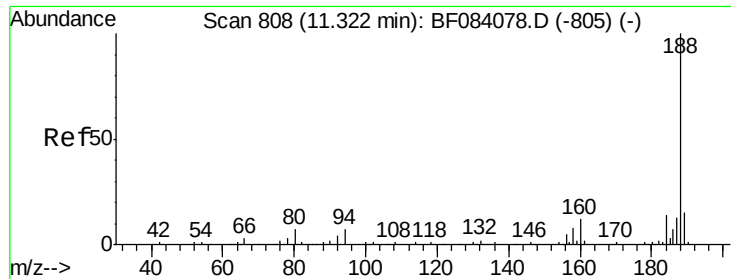
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





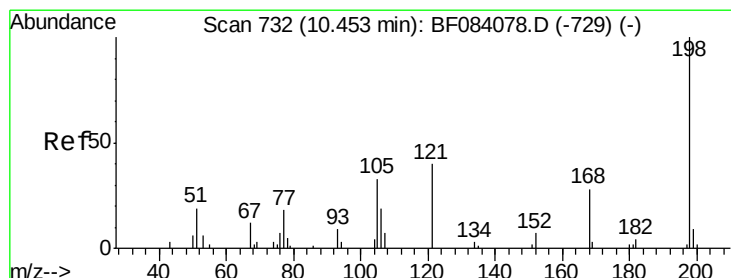
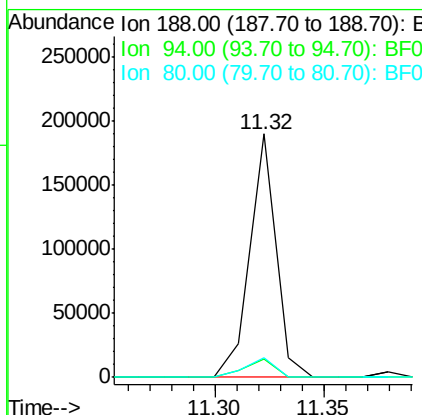
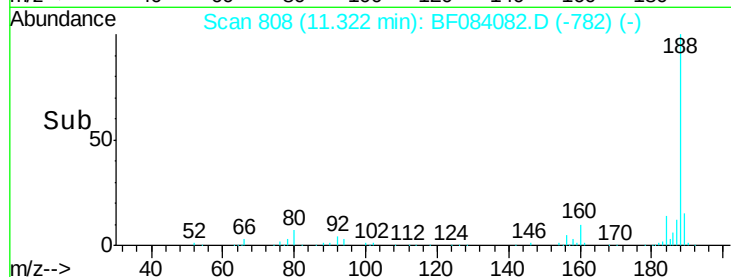
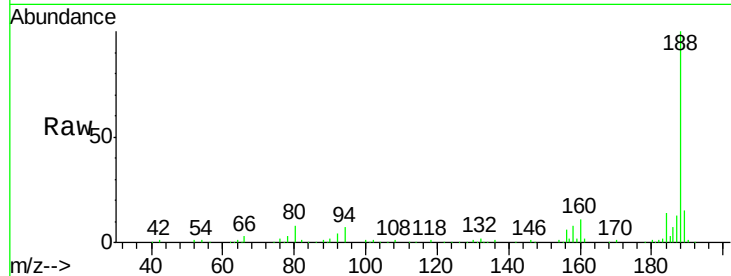
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.3	9.0	13.4#
80	7.9	9.6	14.4#

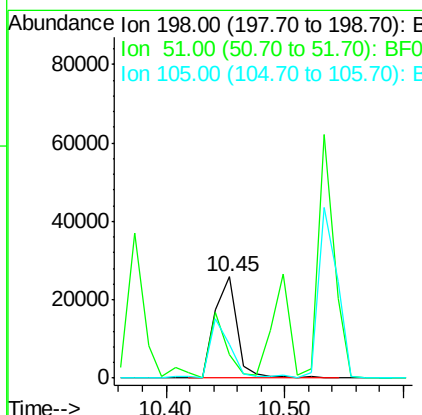
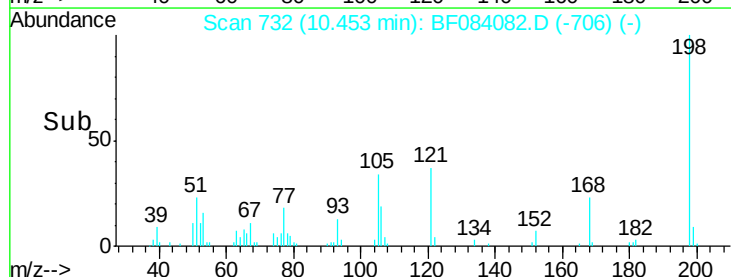
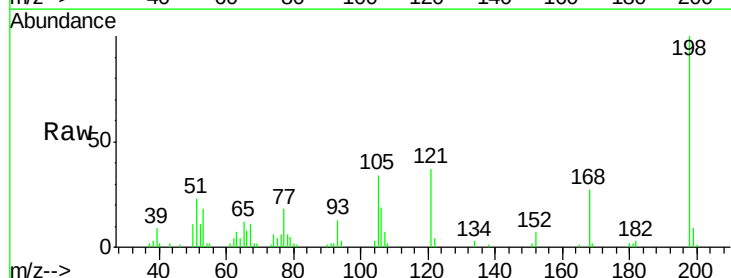
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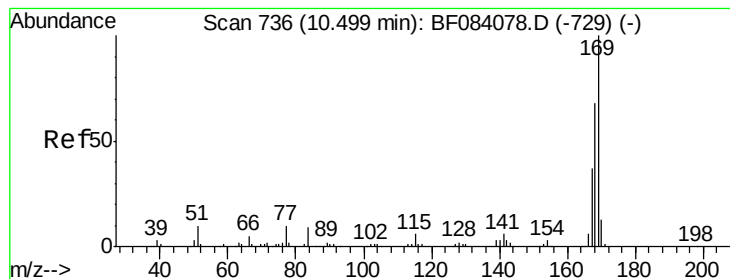
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.59 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	23.2	18.9	58.9
105	33.7	26.4	66.4





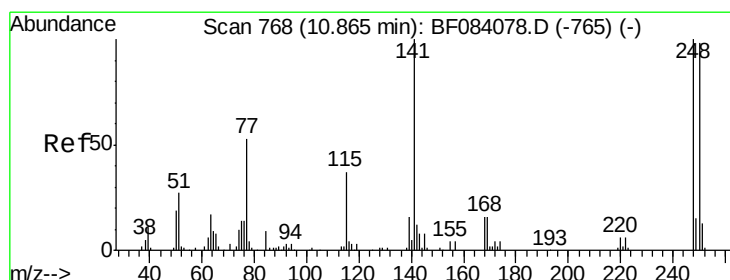
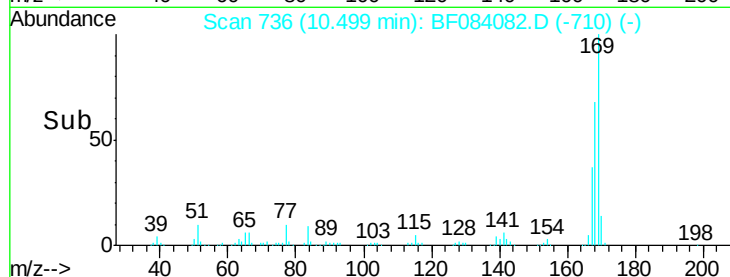
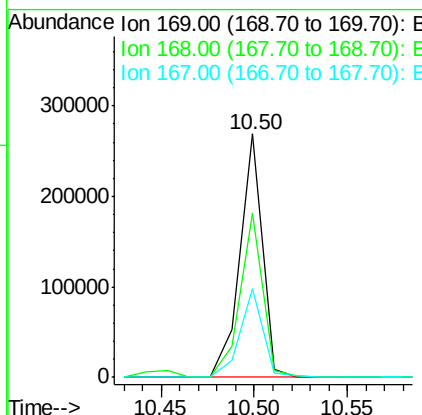
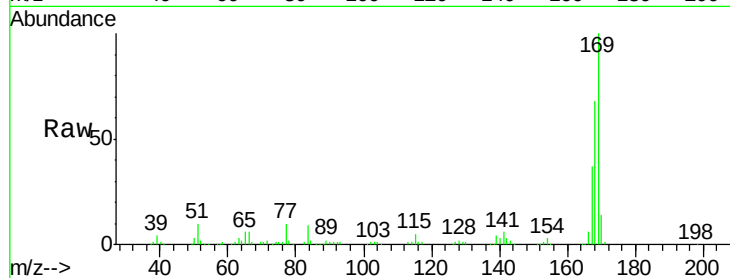
#65
 n-Nitrosodiphenylamine
 Concen: 40.10 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	227694		
168	67.6	55.1	82.7	
167	36.6	30.0	45.0	

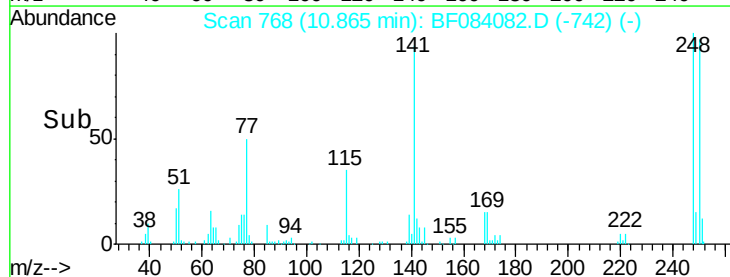
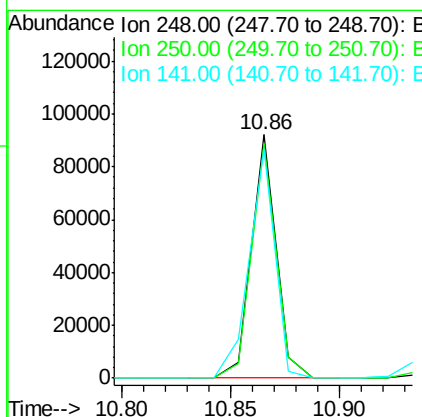
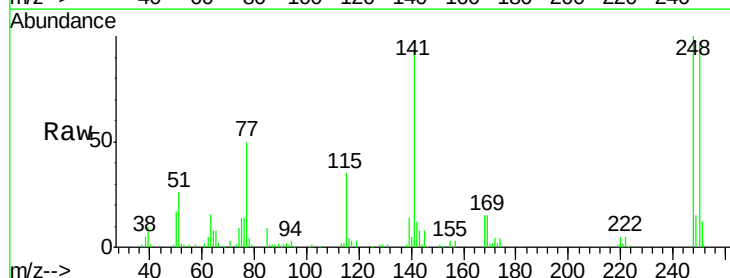
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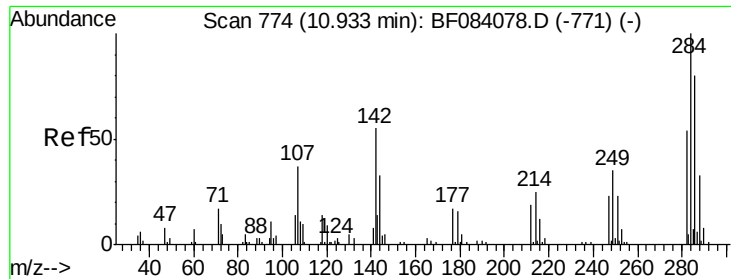
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 39.38 ng
 RT: 10.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	72667		
250	96.6	78.4	117.6	
141	94.1	44.0	66.0	





#67

Hexachlorobenzene

Concen: 35.65 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

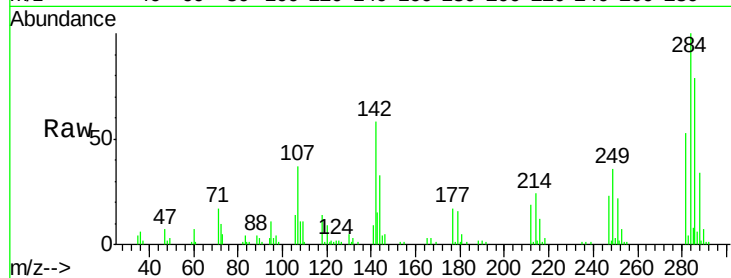
ClientSampleId :

ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	72031		
142	57.5	22.2	33.4#	
249	35.9	24.6	37.0	

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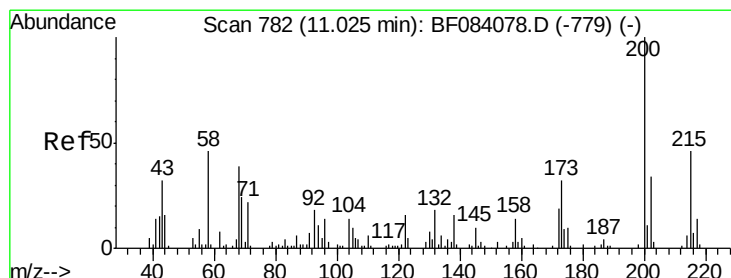
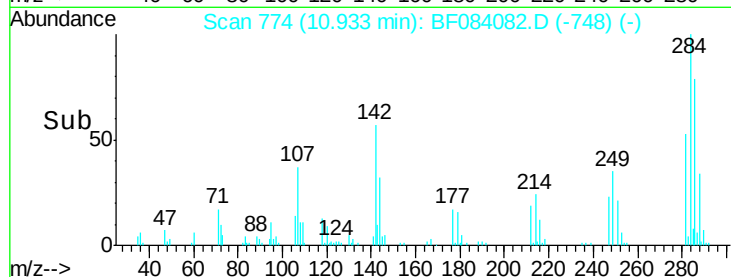
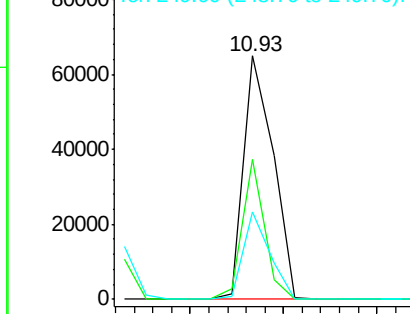
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.98 ng

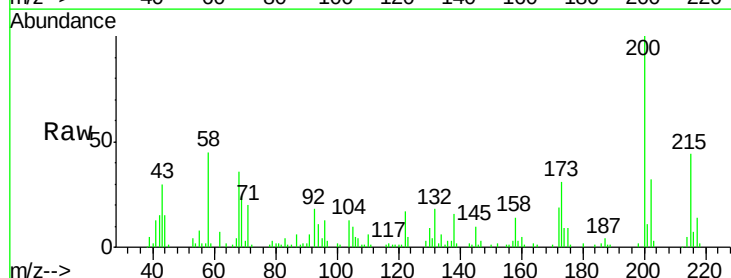
RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

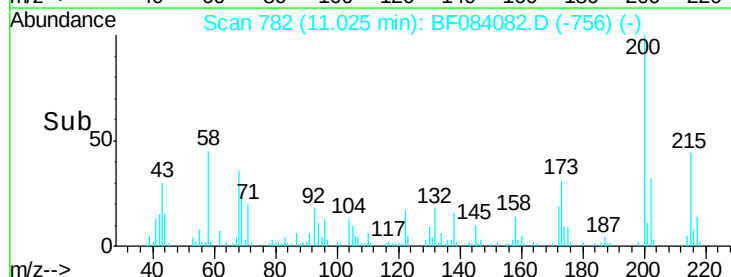
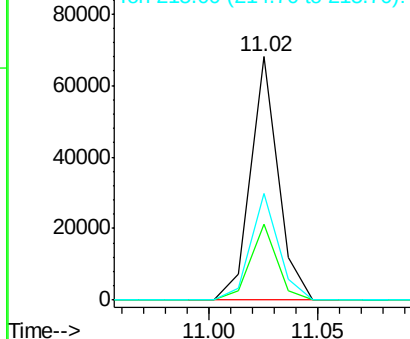
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	59820		
173	31.2	9.5	49.5	
215	43.9	23.8	63.8	

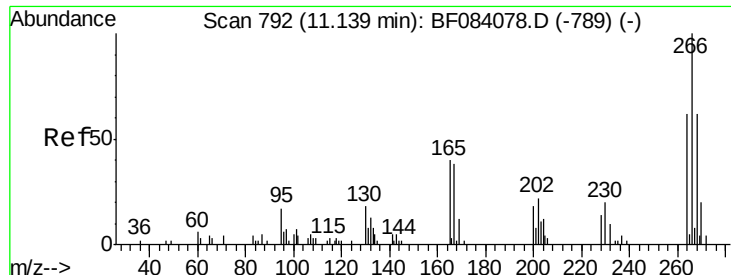


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





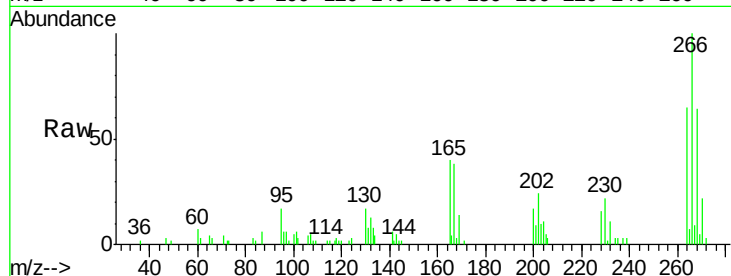
#69
 Pentachlorophenol
 Concen: 36.52 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

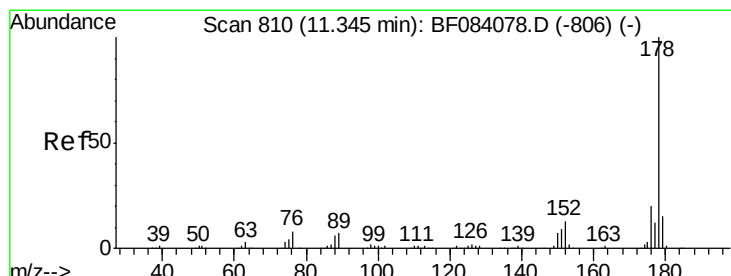
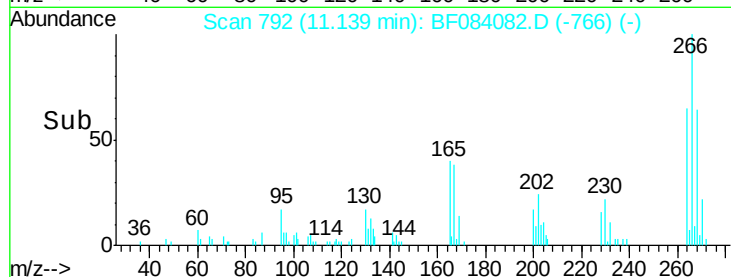
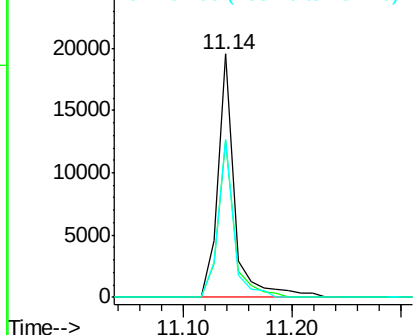
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	21177		
268	64.4	52.4	78.6	
264	65.1	50.2	75.2	

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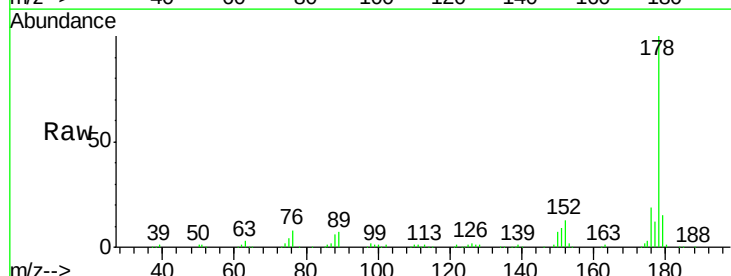


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

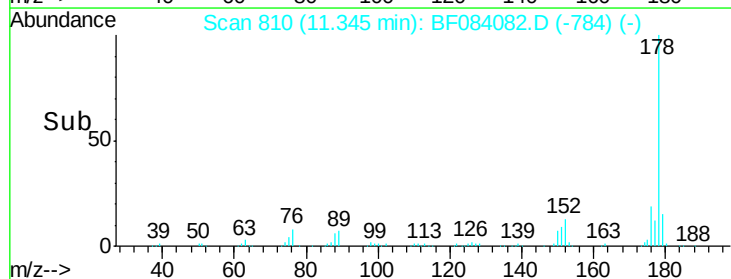
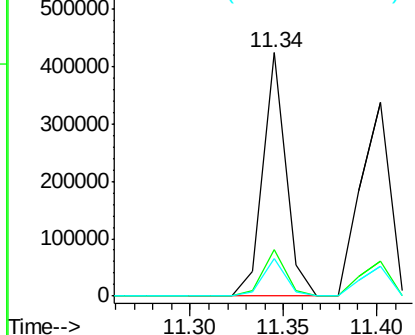


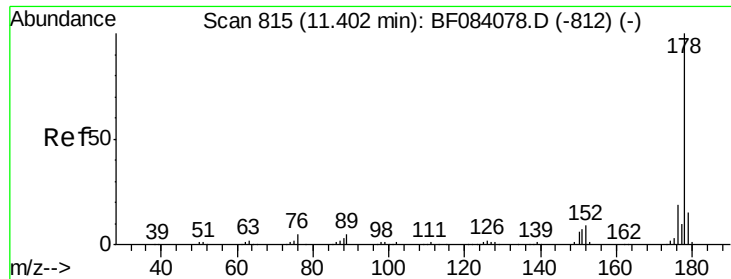
#70
 Phenanthrene
 Concen: 38.12 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	359963		
176	19.0	15.3	22.9	
179	15.3	12.0	18.0	



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





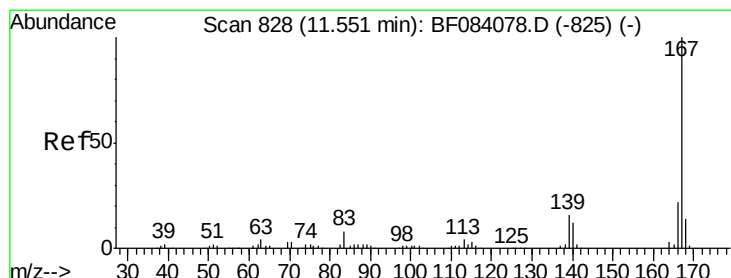
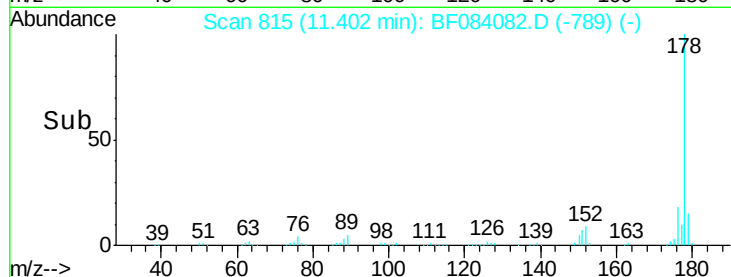
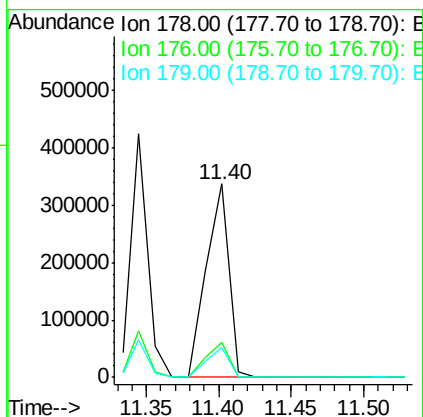
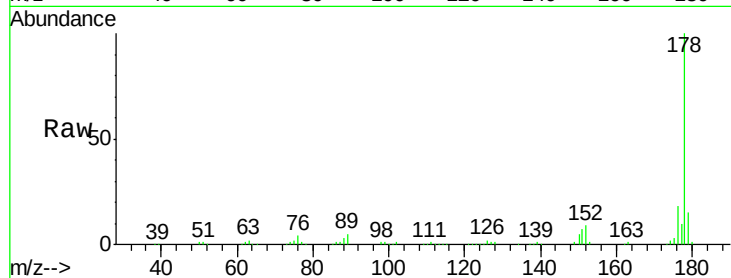
#71
 Anthracene
 Concen: 36.89 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	364301		
176	18.3	15.4	23.0	
179	15.2	12.5	18.7	

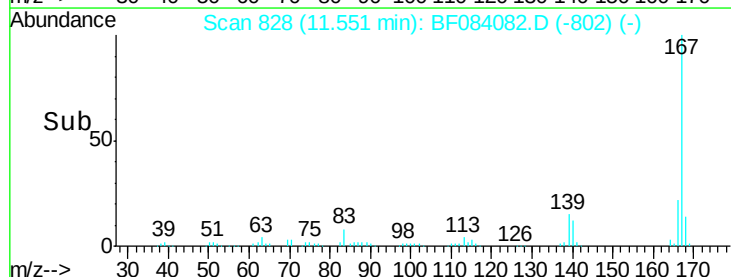
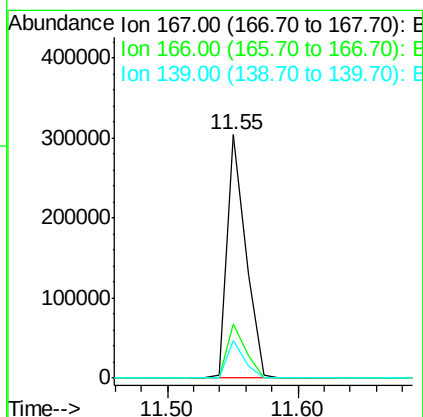
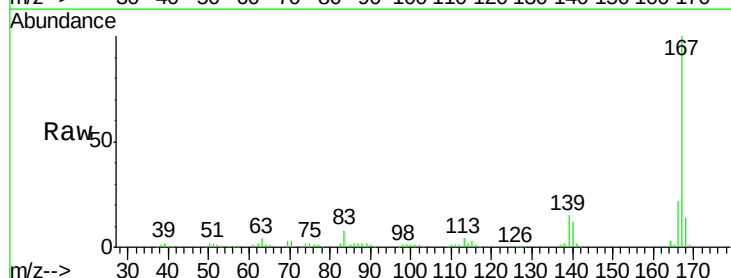
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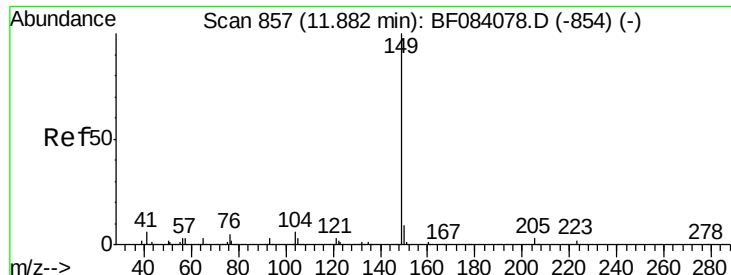
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#72
 Carbazole
 Concen: 36.17 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	303869		
166	22.0	17.6	26.4	
139	15.4	11.8	17.8	





#73

Di-n-butylphthalate

Concen: 36.78 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084082.D

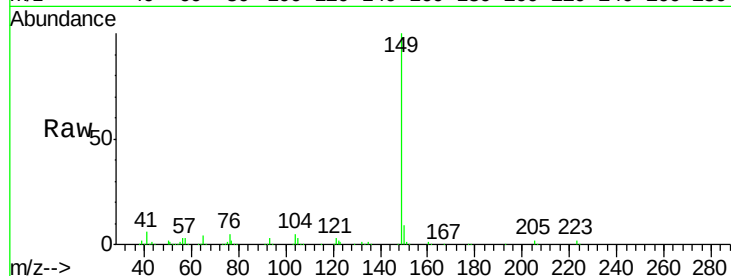
Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415



Tgt Ion:149 Resp: 398002

Ion Ratio Lower Upper

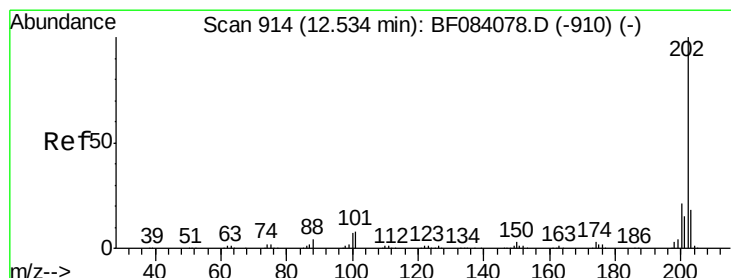
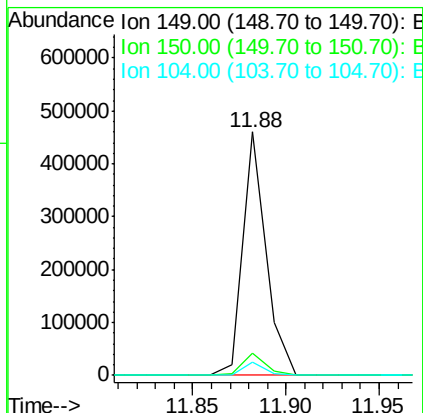
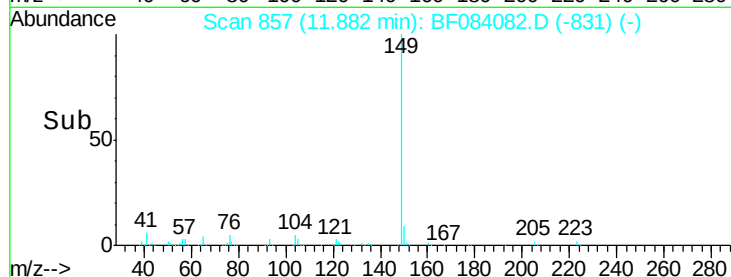
149 100

150 9.3 7.1 10.7

104 5.5 3.2 4.8

Manual Integrations
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#74

Fluoranthene

Concen: 38.36 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

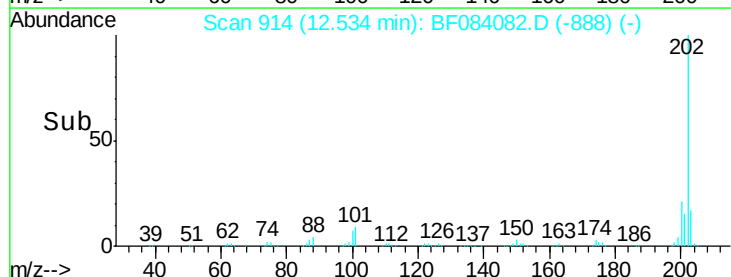
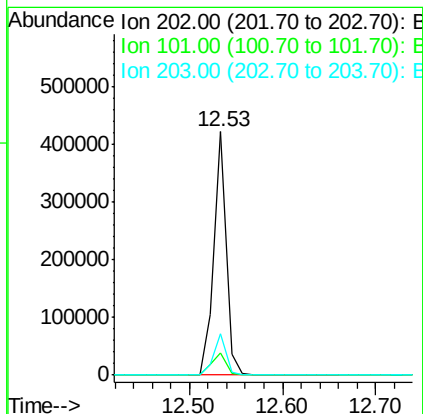
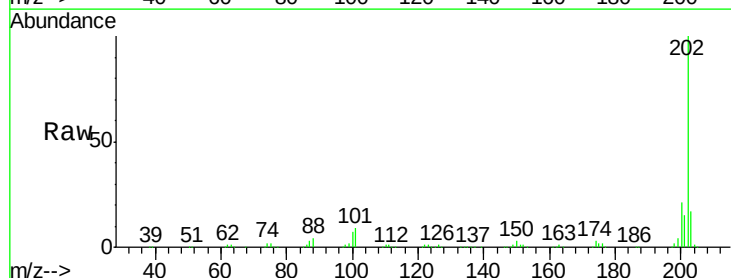
Tgt Ion:202 Resp: 391024

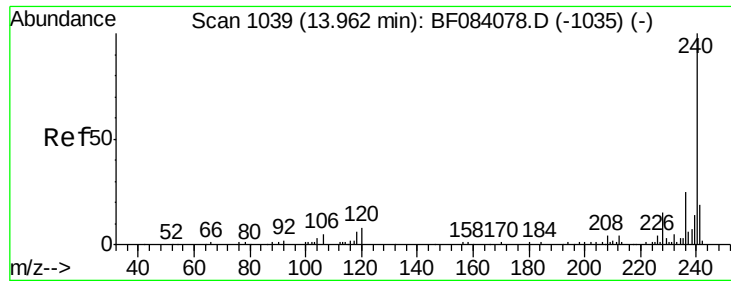
Ion Ratio Lower Upper

202 100

101 9.3 0.0 32.8

203 17.1 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

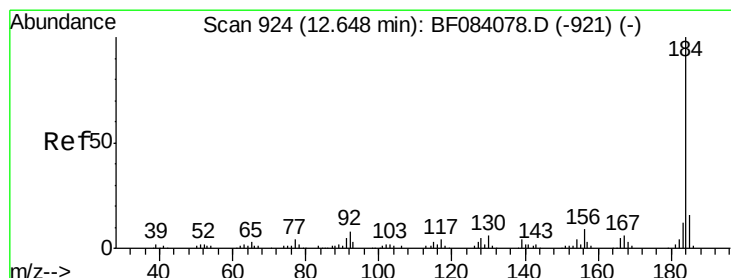
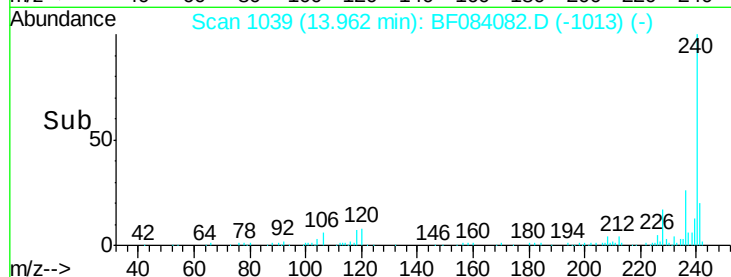
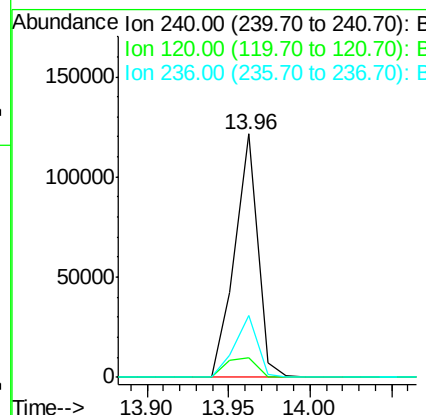
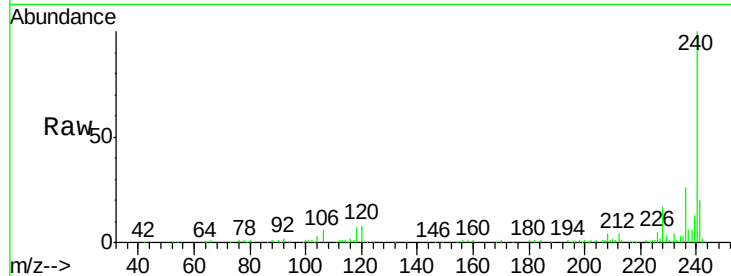
ClientSampleId :

ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	118317		
120	8.3	9.5	14.3	#
236	25.7	20.6	31.0	

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#76

Benzidine

Concen: 36.62 ng

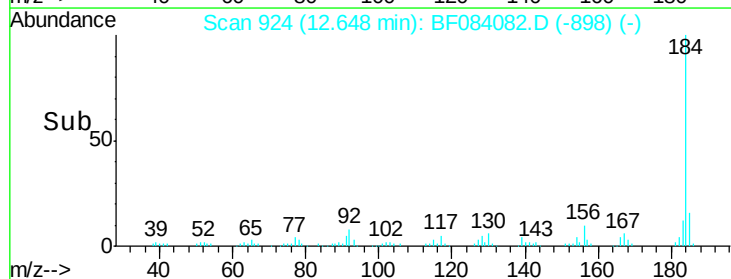
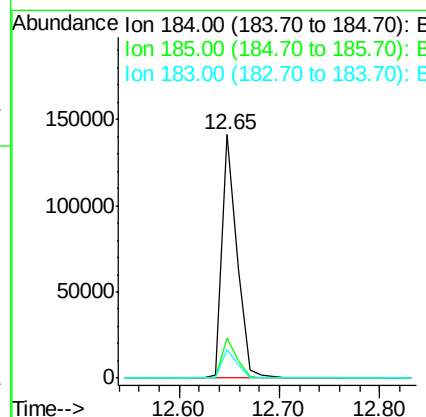
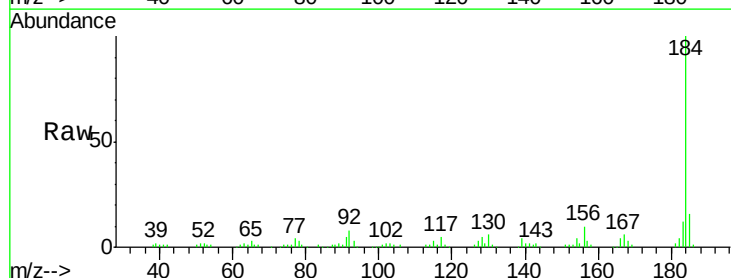
RT: 12.65 min Scan# 924

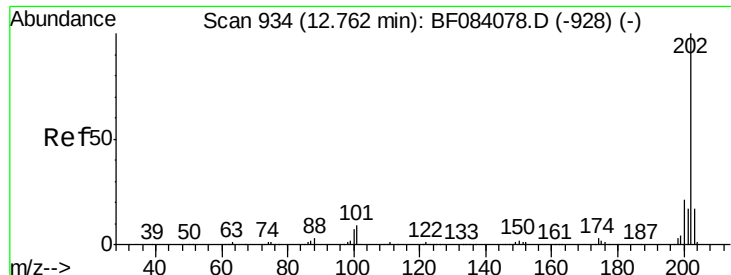
Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	147279		
185	16.3	12.2	18.2	
183	11.7	9.8	14.8	





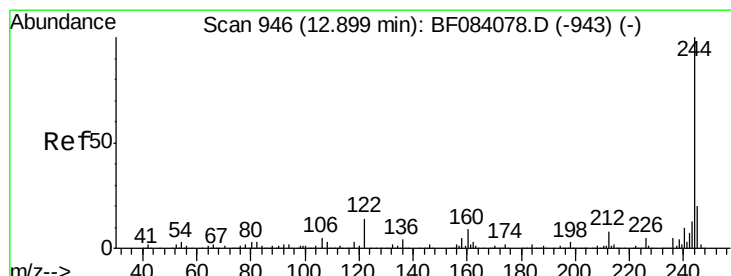
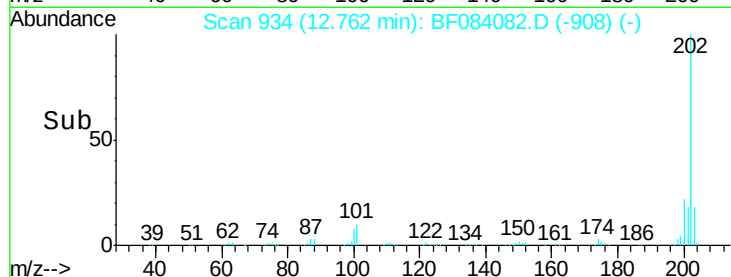
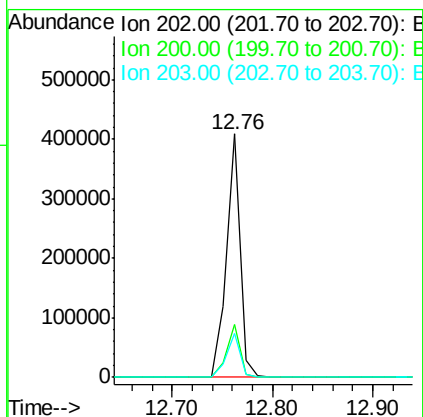
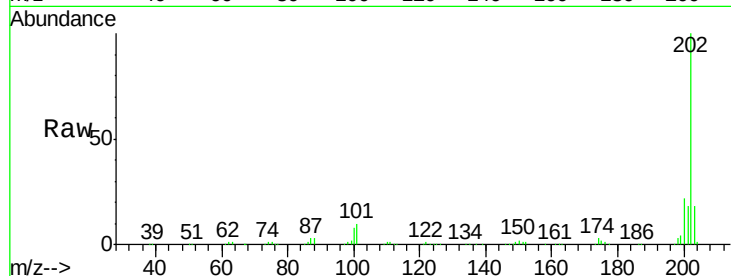
#77
 Pyrene
 Concen: 37.87 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	386583		
200	21.6		17.2	25.8
203	17.8		14.3	21.5

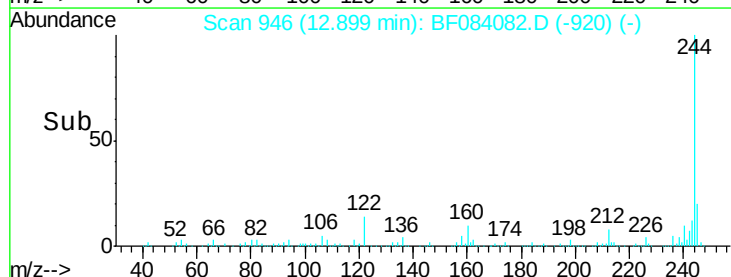
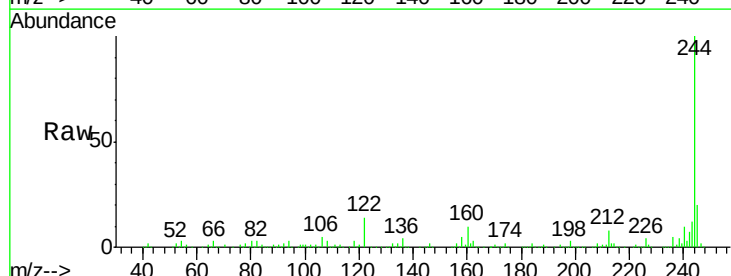
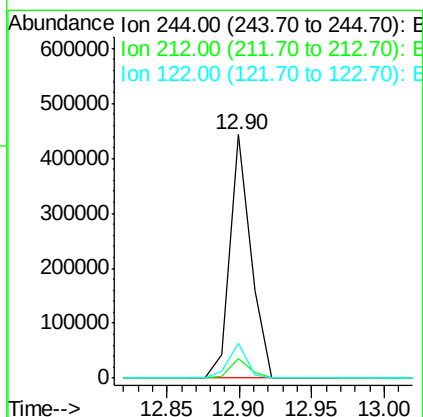
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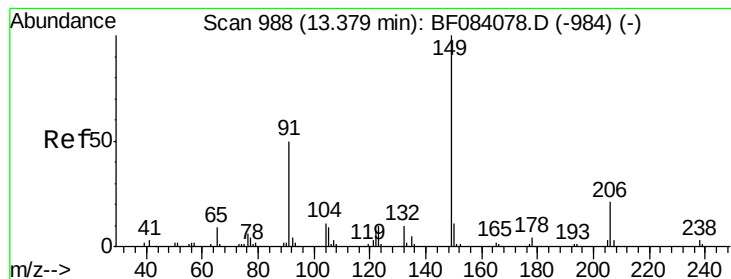
Sohil
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#78
 Terphenyl-d14
 Concen: 67.93 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	444173		
212	7.9		5.7	8.5
122	14.4		7.4	11.0





#79

Butylbenzylphthalate

Concen: 38.18 ng

RT: 13.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

Tgt Ion:149 Resp: 161318
Ion Ratio Lower Upper

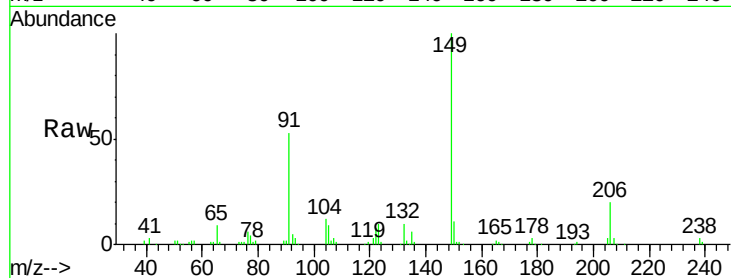
149 100

91 52.6 57.6 86.4#

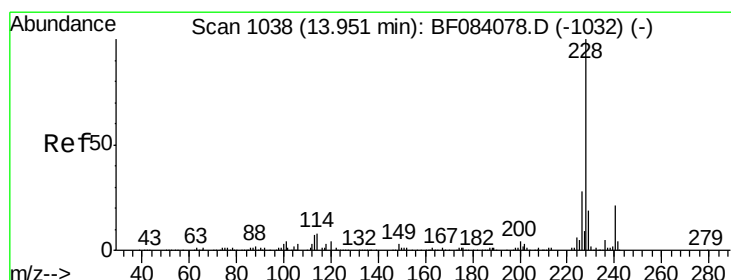
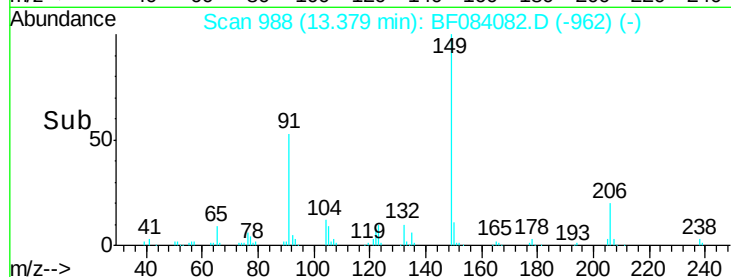
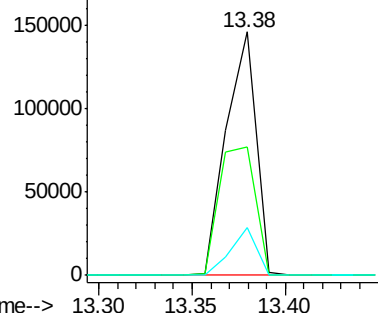
206 19.8 13.2 19.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.71 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF084082.D

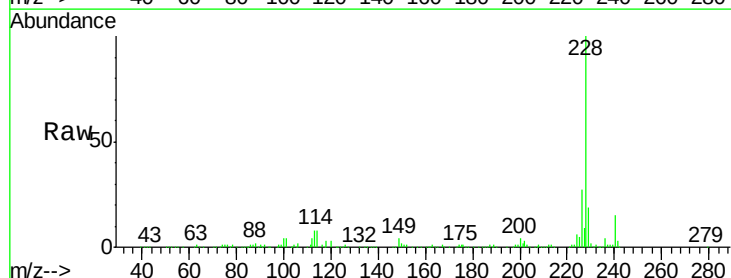
Acq: 24 Dec 2015 16:31

Tgt Ion:228 Resp: 274476
Ion Ratio Lower Upper

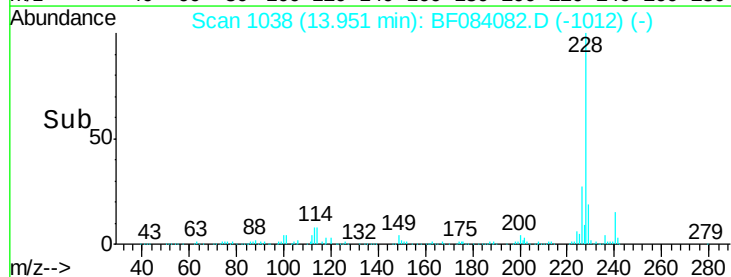
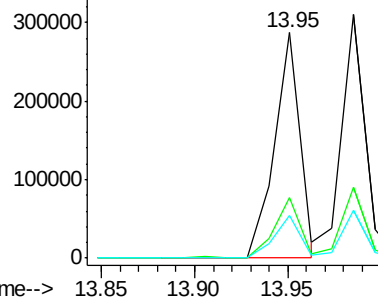
228 100

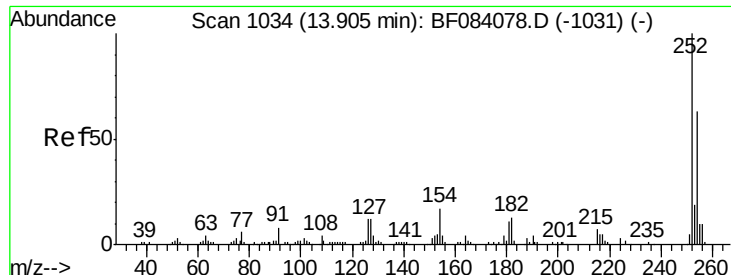
226 27.0 21.8 32.6

229 19.1 15.8 23.8



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





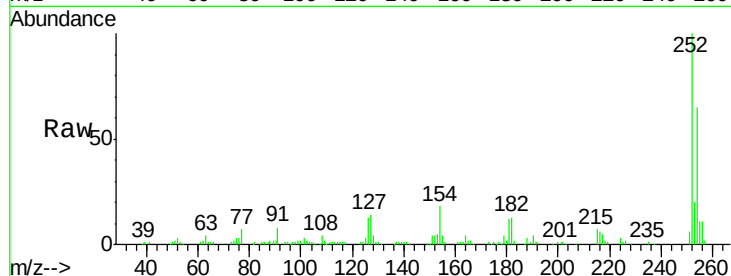
#81
 3,3'-Dichlorobenzidine
 Concen: 39.55 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

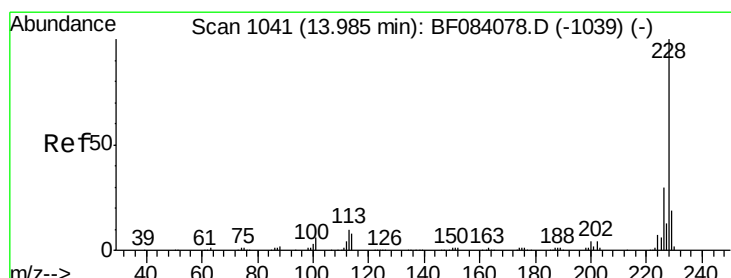
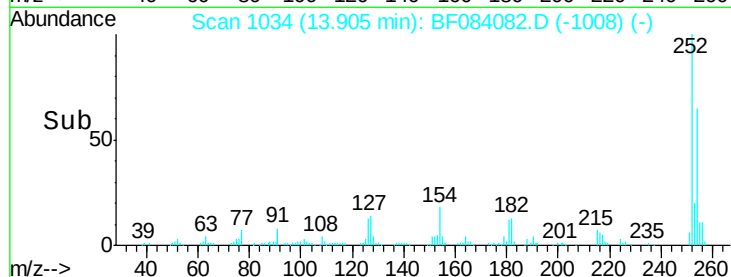
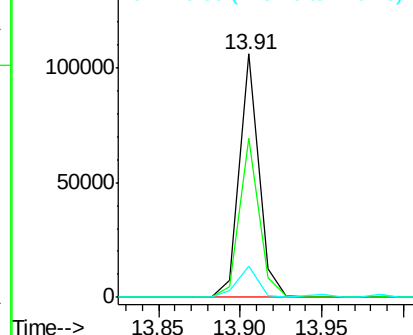
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.3	53.5	80.3
126	12.8	4.9	7.3

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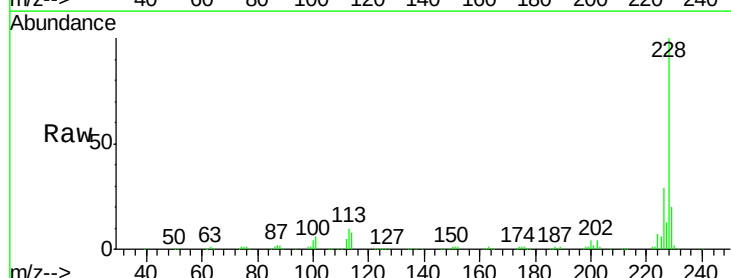


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

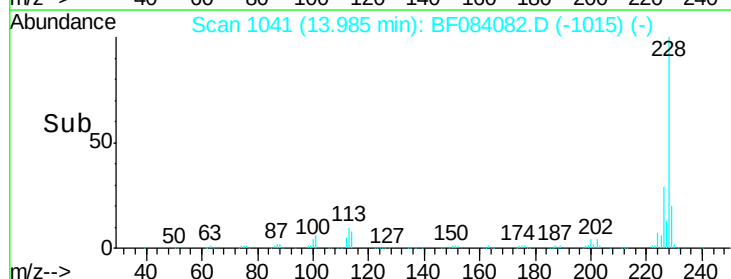
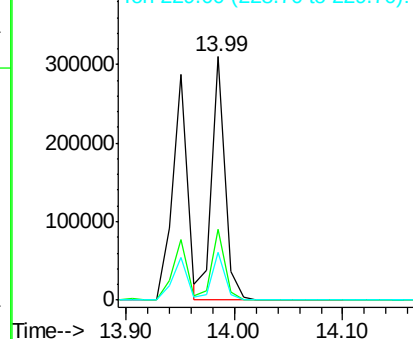


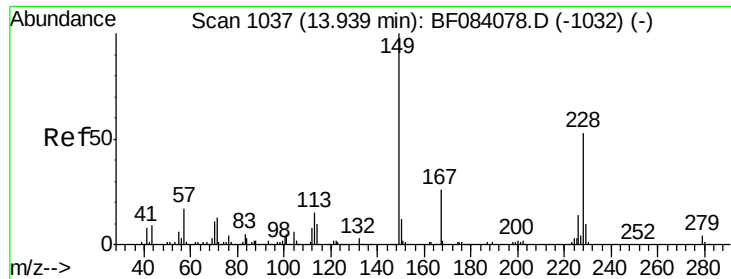
#82
 Chrysene
 Concen: 40.10 ng m
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.2	24.3	36.5
229	19.5	16.1	24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.21 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF084082.D

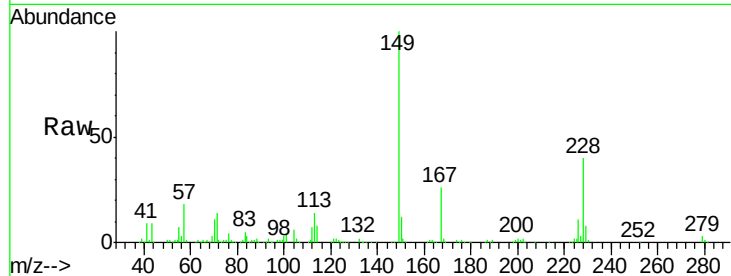
Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415



Tgt Ion:149 Resp: 208595

Ion Ratio Lower Upper

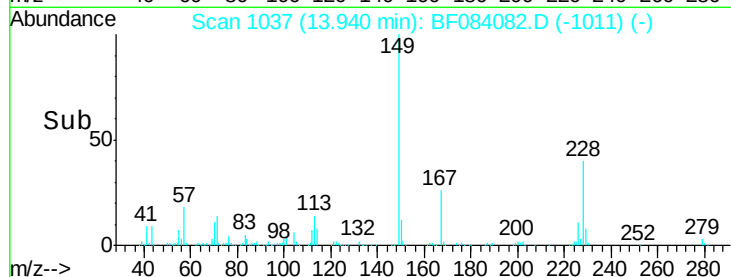
149 100

167 25.9 19.7 29.5

279 3.4 1.8 2.6#

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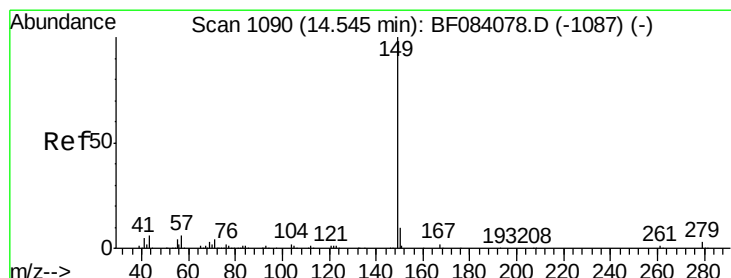
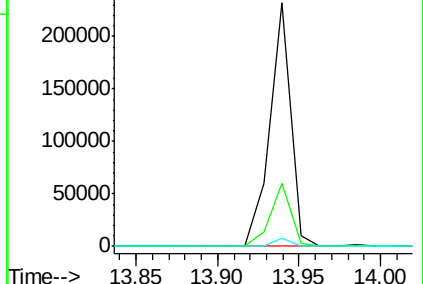
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.84 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

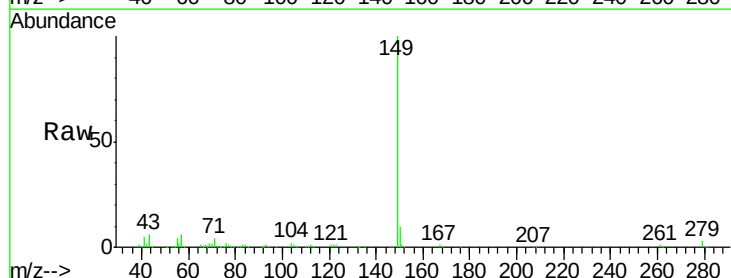
Tgt Ion:149 Resp: 298415

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

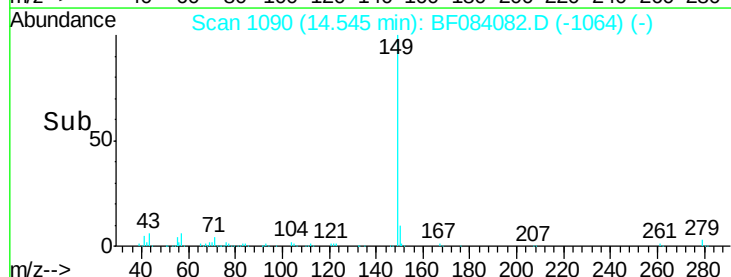
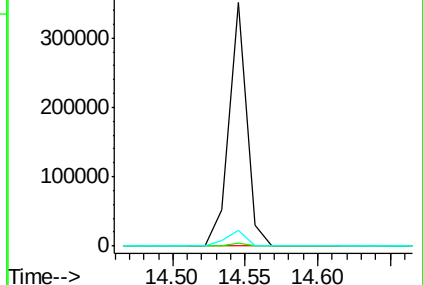
43 7.1 5.6 8.4

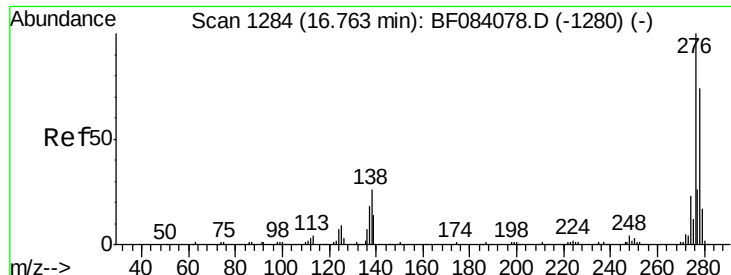


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





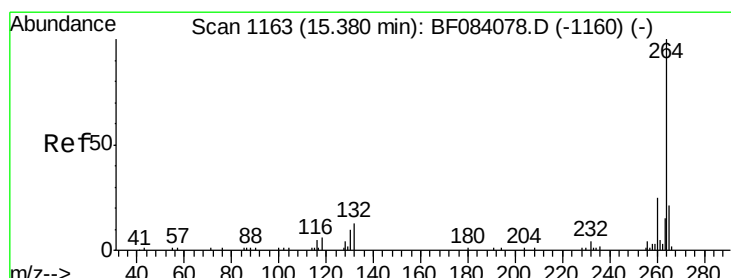
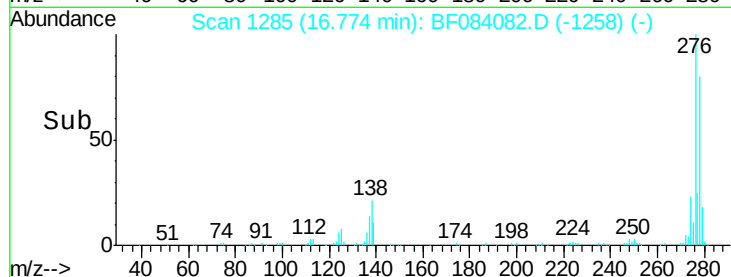
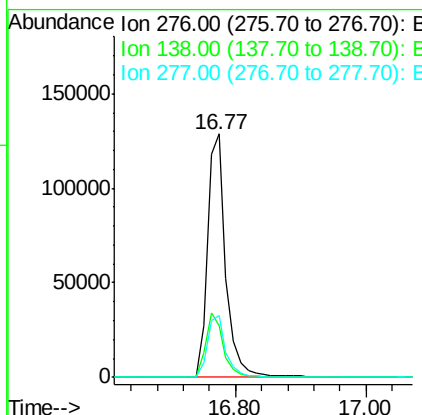
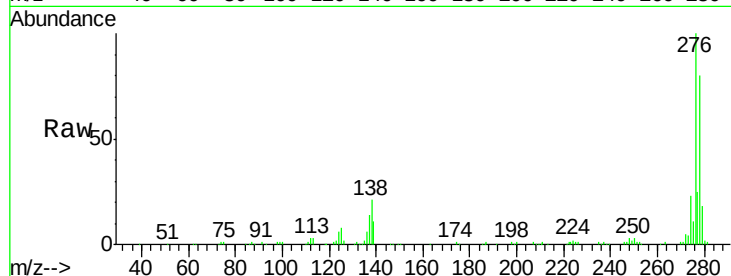
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.43 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	251541		
138	25.3	20.6	30.8	
277	25.5	20.1	30.1	

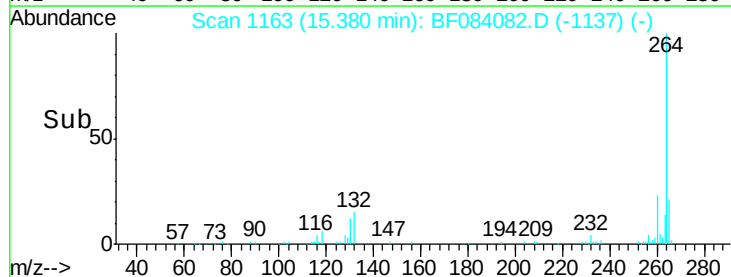
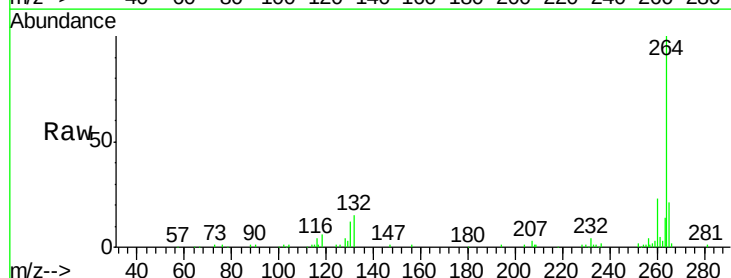
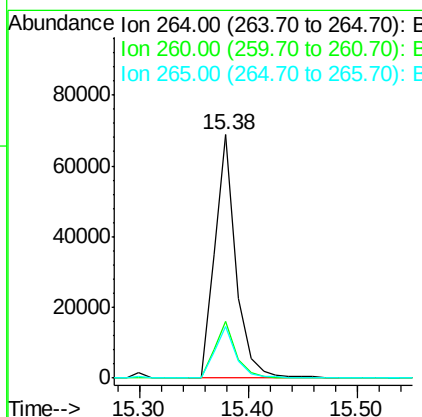
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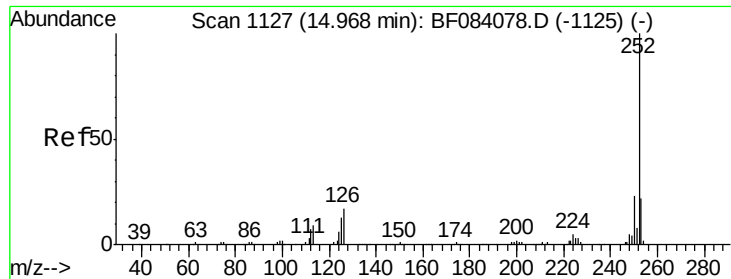
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	92999		
260	23.4	19.4	29.2	
265	21.1	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 37.37 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

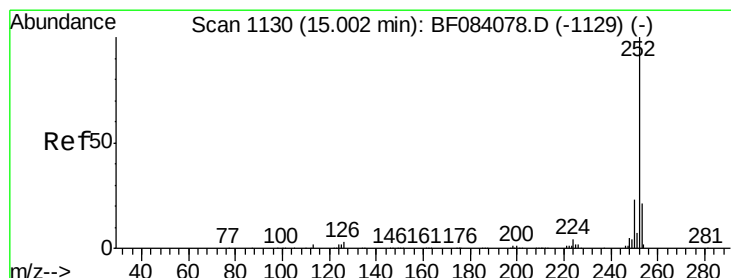
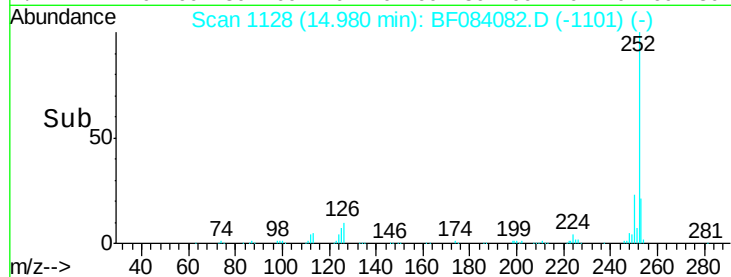
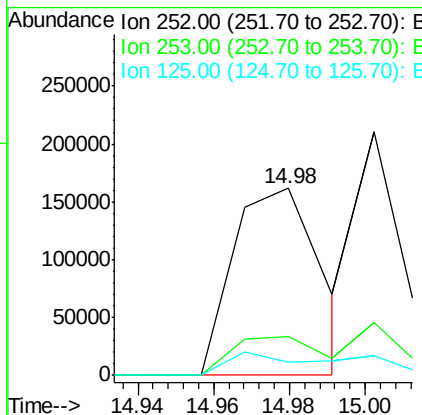
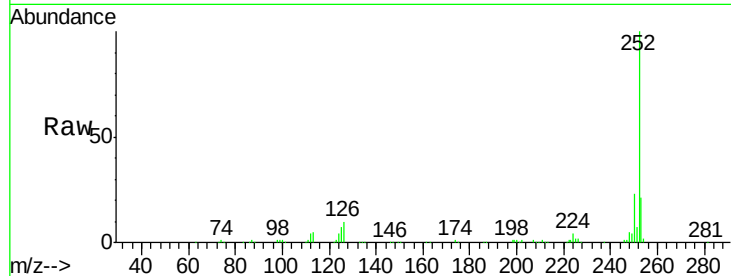
ClientSampleId :

ICVBF122415

Tgt Ion:	252	Resp:	258073
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.3	25.9
125	7.3	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 40.46 ng m

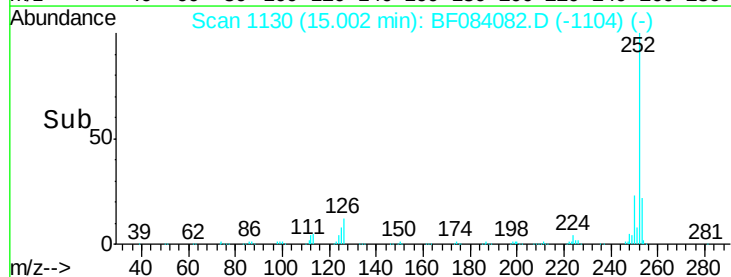
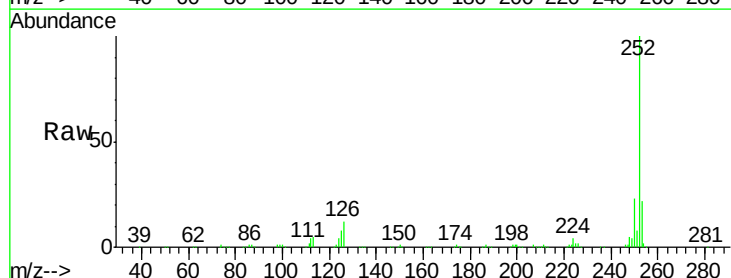
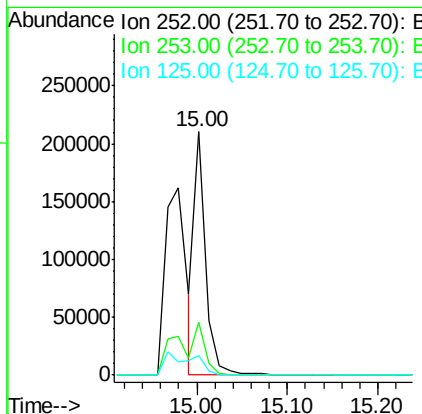
RT: 15.00 min Scan# 1130

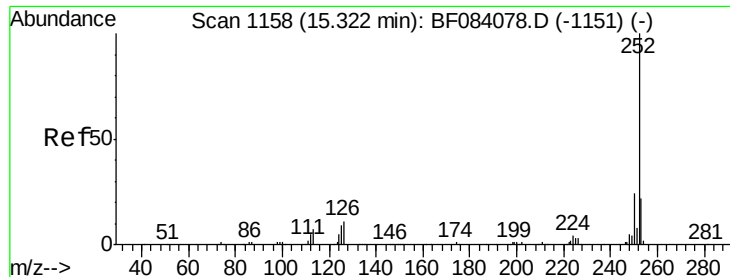
Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion:	252	Resp:	189371
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	8.1	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 36.59 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

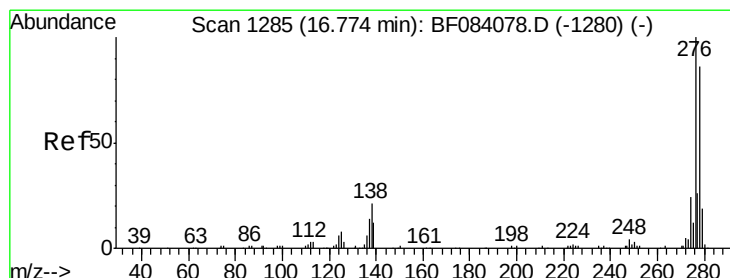
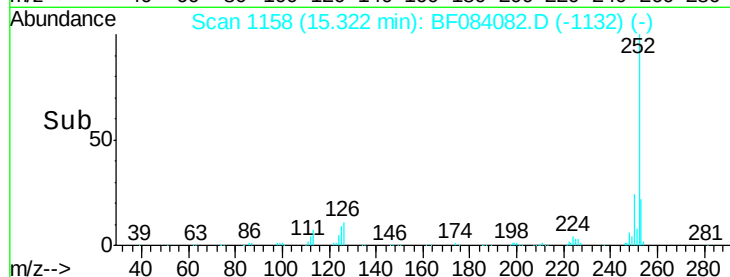
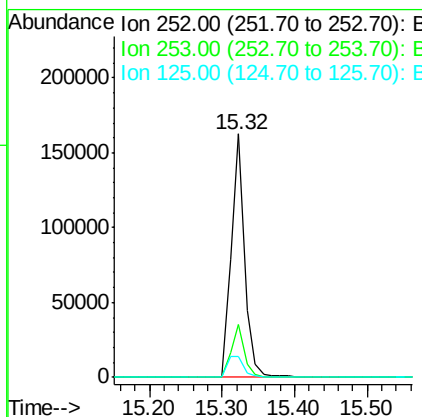
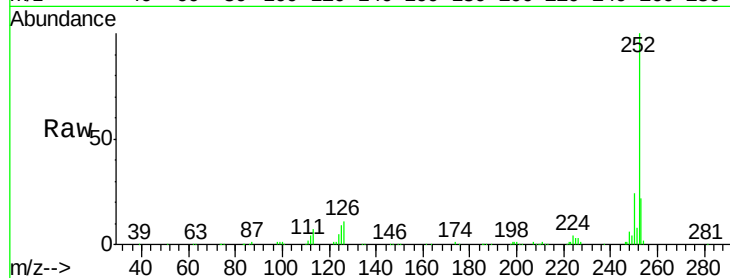
ClientSampleId :

ICVBF122415

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	208212		
253	22.0	17.3	25.9	
125	8.8	7.0	10.4	

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#90

Dibenzo(a,h)anthracene

Concen: 37.73 ng

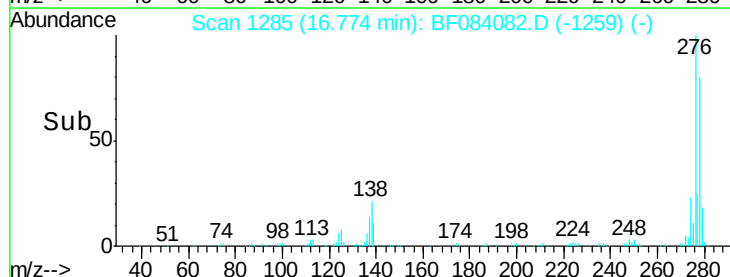
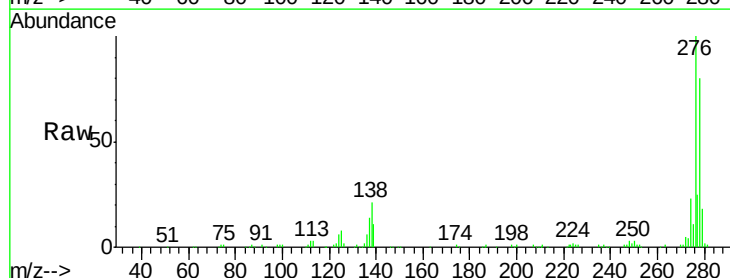
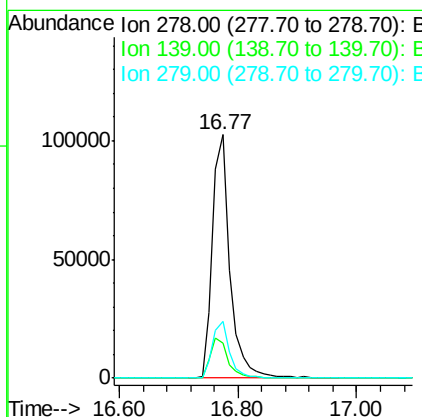
RT: 16.77 min Scan# 1285

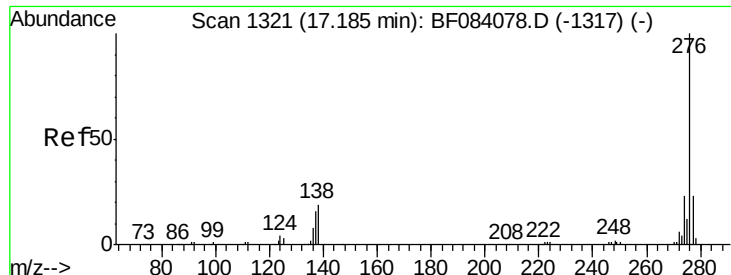
Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	209481		
139	14.4	15.0	22.4#	
279	23.2	18.9	28.3	





#91
 Benzo(g,h,i)perylene
 Concen: 37.43 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:	276	Resp:	212150
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.6	17.8	26.6

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