

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
 Data File : BF085461.D
 Acq On : 15 Mar 2016 17:55
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Manual Integrations
 APPROVED

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 3/16/2016 6:29:16 PM

Quant Time: Mar 16 13:53:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	183208	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	743413	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	332615	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	622778	20.00	ng	0.00
75) Chrysene-d12	14.08	240	444441	20.00	ng	0.00
86) Perylene-d12	15.53	264	310265	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	867246	81.37	ng	0.00
7) Phenol-d6	6.55	99	1163333	84.15	ng	0.00
23) Nitrobenzene-d5	7.49	82	1116691	88.81	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	223602	72.99	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1665978	86.89	ng	0.00
78) Terphenyl-d14	13.03	244	1583210	80.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	202566	38.09	ng	97
3) Pyridine	3.29	79	591451	46.85	ng	97
4) n-Nitrosodimethylamine	3.25	42	226712	38.89	ng	100
6) Aniline	6.57	93	784938	41.13	ng	99
8) 2-Chlorophenol	6.70	128	524229	41.95	ng	96
9) Benzaldehyde	6.46	77	324297	42.01	ng	98
10) Phenol	6.56	94	715593	46.17	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	526559	44.18	ng	97
12) 1,3-Dichlorobenzene	6.86	146	545462	39.38	ng	98
13) 1,4-Dichlorobenzene	6.93	146	517060	37.27	ng	98
14) 1,2-Dichlorobenzene	7.09	146	526549	43.25	ng	98
15) Benzyl Alcohol	7.05	79	408853	41.41	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	608028	37.47	ng	98
17) 2-Methylphenol	7.17	107	410346	39.22	ng	96
18) Hexachloroethane	7.43	117	209147	41.10	ng	96
19) n-Nitroso-di-n-propylamine	7.34	70	356468	43.06	ng	98
20) 3+4-Methylphenols	7.33	107	492820	43.94	ng	# 77
22) Acetophenone	7.33	105	614531	33.73	ng	95
24) Nitrobenzene	7.50	77	497613	35.13	ng	99
25) Isophorone	7.74	82	996310	38.86	ng	100
26) 2-Nitrophenol	7.82	139	299929	44.19	ng	# 88
27) 2,4-Dimethylphenol	7.85	122	467924	38.76	ng	95
28) bis(2-Chloroethoxy)methane	7.96	93	604448	39.43	ng	# 97
29) 2,4-Dichlorophenol	8.06	162	413164	42.19	ng	93
30) 1,2,4-Trichlorobenzene	8.14	180	424882	37.55	ng	100
31) Naphthalene	8.22	128	1360680	37.46	ng	99
32) Benzoic acid	7.98	122	264688	38.13	ng	96
33) 4-Chloroaniline	8.28	127	655462	41.95	ng	# 89
34) Hexachlorobutadiene	8.34	225	232011	39.22	ng	100
35) Caprolactam	8.65	113	129390	40.46	ng	93
36) 4-Chloro-3-methylphenol	8.76	107	466180	41.69	ng	97
37) 2-Methylnaphthalene	8.92	142	957300	41.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	400607	38.72	ng	97
40) Hexachlorocyclopentadiene	9.06	237	215068	43.02	ng	99

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Quant Time: Mar 16 13:53:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	270635	39.61	ng	96
43) 2,4,5-Trichlorophenol	9.24	196	302631	43.85	ng #	92
45) 1,1'-Biphenyl	9.38	154	1180435	43.48	ng	95
46) 2-Chloronaphthalene	9.41	162	875445	43.04	ng	96
47) 2-Nitroaniline	9.50	65	267085	43.36	ng	89
48) Acenaphthylene	9.82	152	1259730	38.28	ng	99
49) Dimethylphthalate	9.68	163	900814	37.12	ng	99
50) 2,6-Dinitrotoluene	9.74	165	203611	37.98	ng #	78
51) Acenaphthene	9.99	154	778692	37.64	ng	99
52) 3-Nitroaniline	9.91	138	242136	37.77	ng	82
53) 2,4-Dinitrophenol	10.01	184	103810	39.19	ng #	63
54) Dibenzofuran	10.16	168	1075946	42.33	ng	99
55) 4-Nitrophenol	10.07	139	218446	49.51	ng	86
56) 2,4-Dinitrotoluene	10.15	165	323771	48.15	ng #	79
57) Fluorene	10.50	166	797014	39.32	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	202117	42.65	ng	97
59) Diethylphthalate	10.38	149	951057	40.49	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	385761	37.04	ng	92
61) 4-Nitroaniline	10.53	138	255738	42.43	ng	98
62) Azobenzene	10.65	77	1000520	42.89	ng	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	144699	38.90	ng	77
65) n-Nitrosodiphenylamine	10.62	169	813705	42.40	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	232383	36.87	ng #	89
67) Hexachlorobenzene	11.05	284	250426	38.50	ng #	86
68) Atrazine	11.14	200	188377	34.30	ng	94
69) Pentachlorophenol	11.25	266	147081	42.66	ng	98
70) Phenanthrene	11.46	178	1232876	38.01	ng	99
71) Anthracene	11.52	178	1413209	42.77	ng	99
72) Carbazole	11.67	167	1073711	38.41	ng	98
73) Di-n-butylphthalate	12.00	149	1387866	40.07	ng	99
74) Fluoranthene	12.65	202	1185888	38.89	ng	97
76) Benzidine	12.77	184	511890	37.08	ng	99
77) Pyrene	12.88	202	1208957	36.27	ng	99
79) Butylbenzylphthalate	13.50	149	577523	39.62	ng #	85
80) Benzo(a)anthracene	14.07	228	1002263	39.33	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	352917	40.92	ng #	96
82) Chrysene	14.11	228	775162	33.82	ng	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	700634	39.41	ng #	97
84) Di-n-octyl phthalate	14.67	149	1030053	39.68	ng	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	799426	36.79	ng	97
87) Benzo(b)fluoranthene	15.11	252	766691	37.84	ng #	97
88) Benzo(k)fluoranthene	15.15	252	730896m	46.05	ng	
89) Benzo(a)pyrene	15.47	252	705503	40.30	ng #	95
90) Dibenzo(a,h)anthracene	17.00	278	660988	38.65	ng	95
91) Benzo(g,h,i)perylene	17.42	276	664035	38.02	ng	94

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

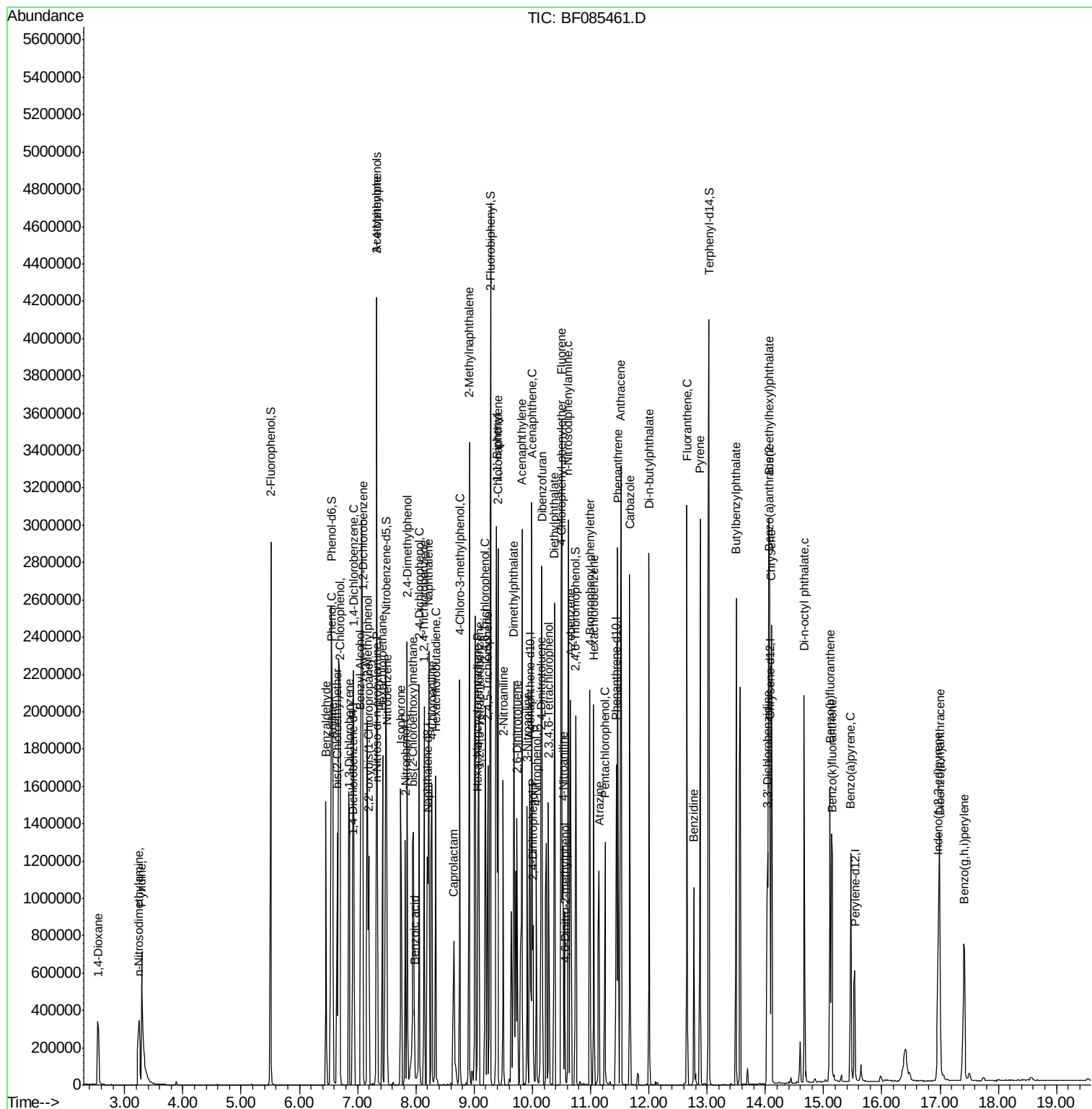
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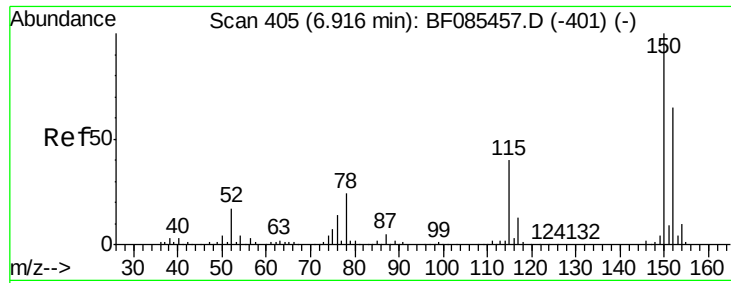
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#1

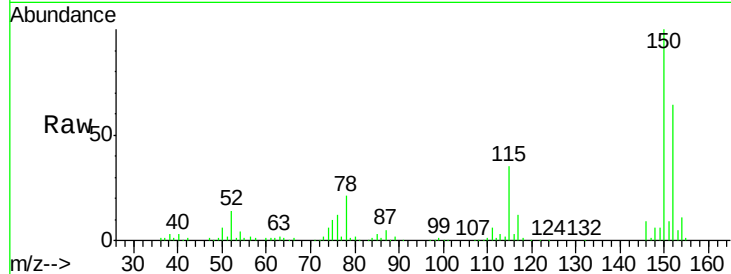
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

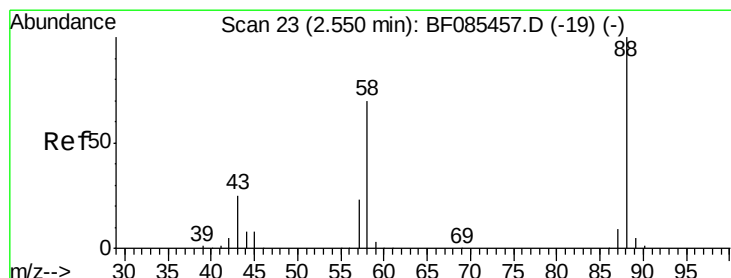
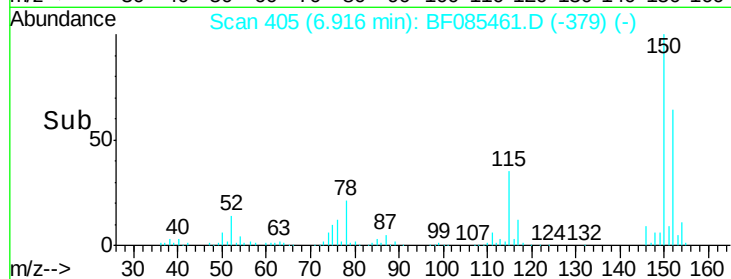
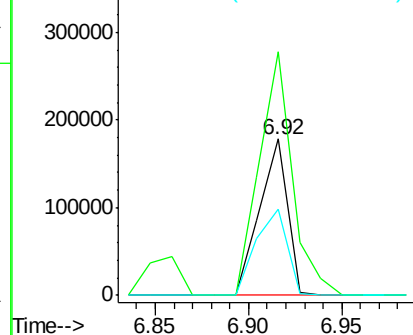
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	183208		
150	155.7	124.6	186.8	
115	55.3	46.6	70.0	

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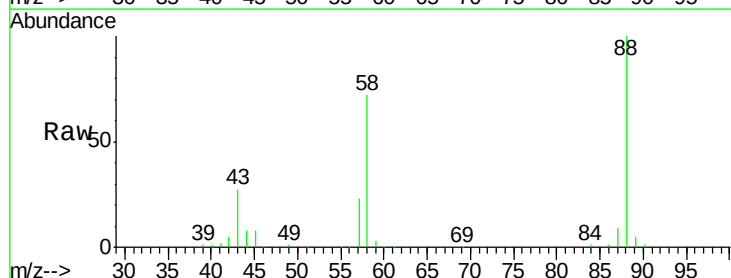
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



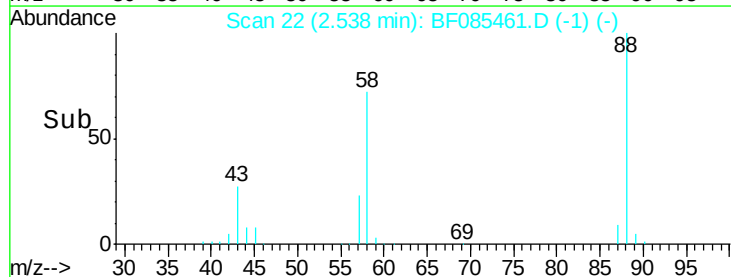
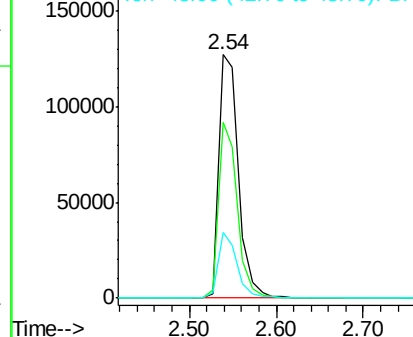
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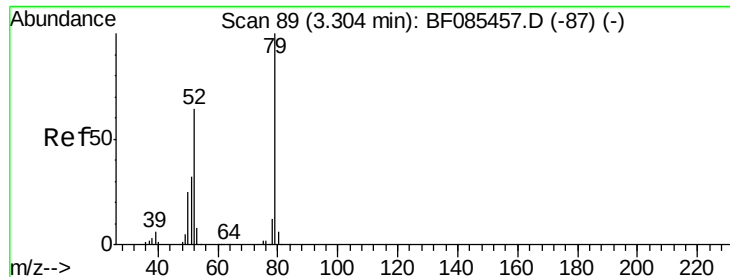
1,4-Dioxane
Concen: 38.09 ng
RT: 2.54 min Scan# 22
Delta R.T. -0.01 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	202566		
58	68.6	57.0	85.6	
43	26.4	20.5	30.7	



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 46.85 ng

RT: 3.29 min Scan# 88

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

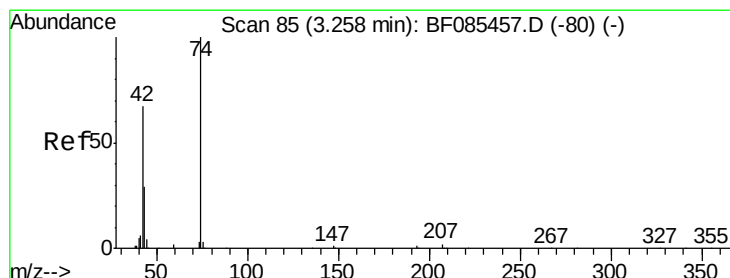
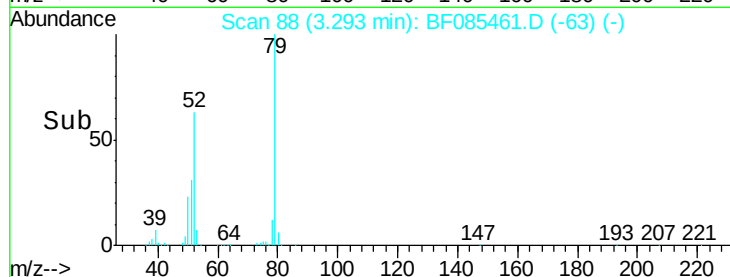
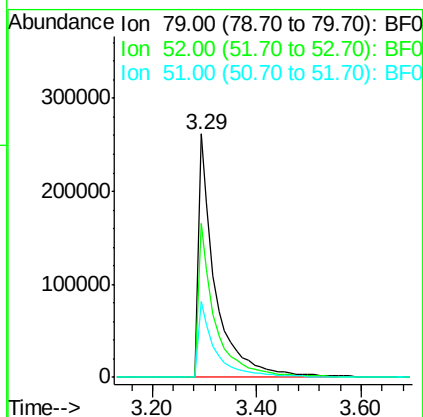
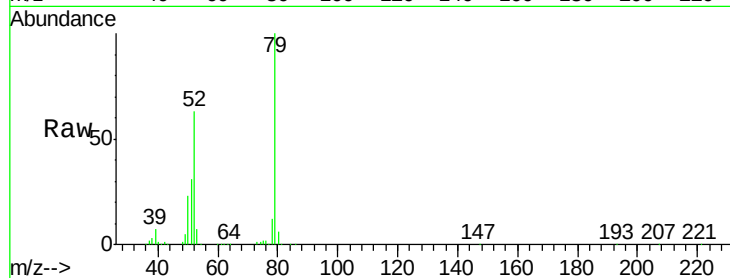
ClientSampleId :

ICVBF031516

Tgt Ion:	79	Resp:	591451
Ion Ratio	Lower	Upper	
79	100		
52	63.1	52.6	79.0
51	31.3	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 38.89 ng

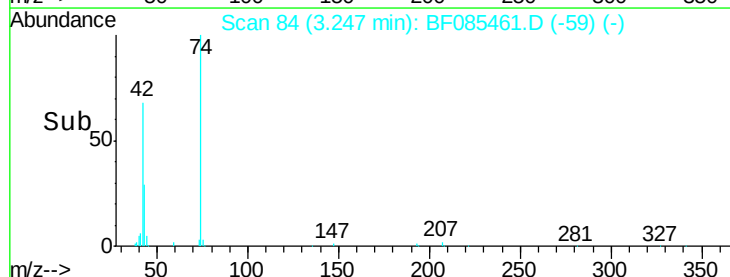
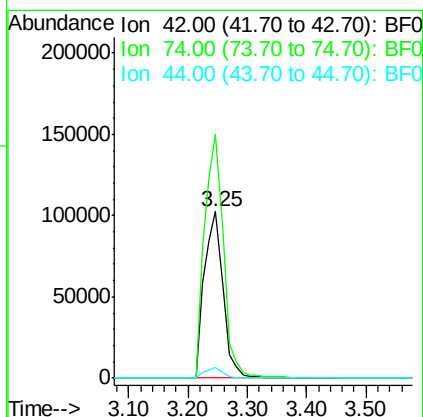
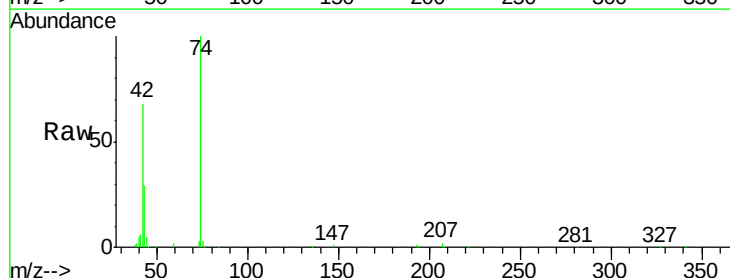
RT: 3.25 min Scan# 84

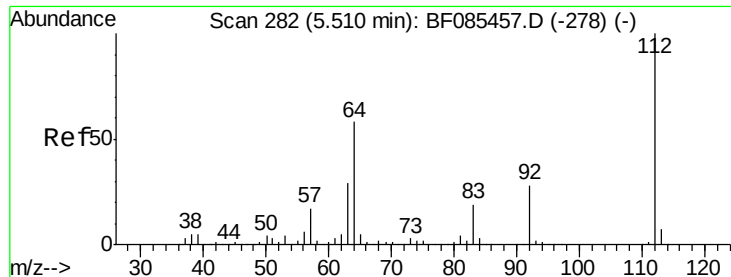
Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:	42	Resp:	226712
Ion Ratio	Lower	Upper	
42	100		
74	146.1	116.8	175.2
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 81.37 ng

RT: 5.51 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF085461.D

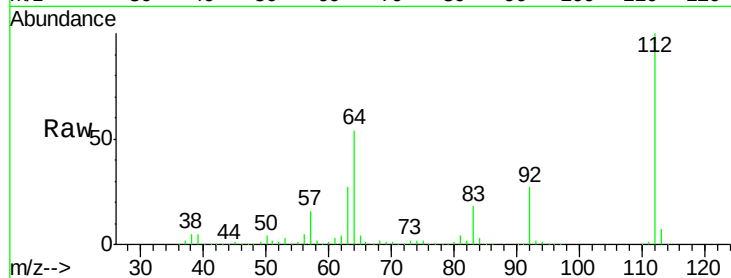
Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

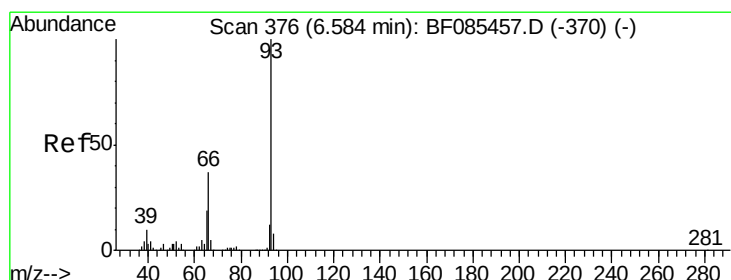
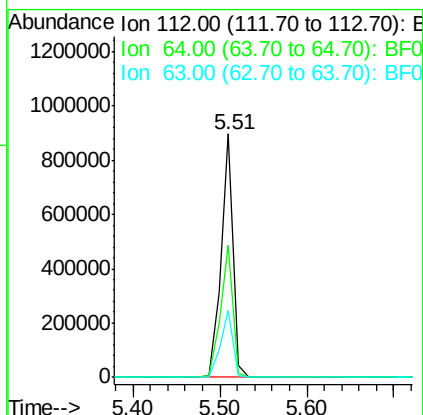
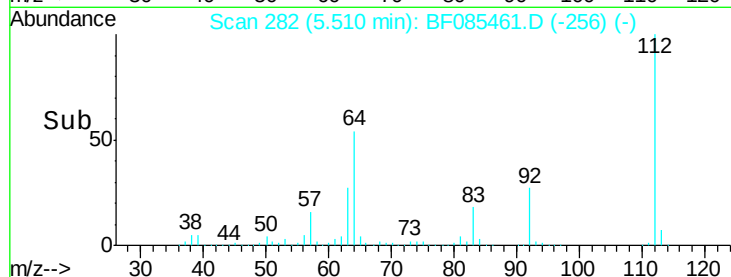
ICVBF031516



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	867246		
64	54.1	49.0	73.4	
63	27.4	24.8	37.2	

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#6

Aniline

Concen: 41.13 ng

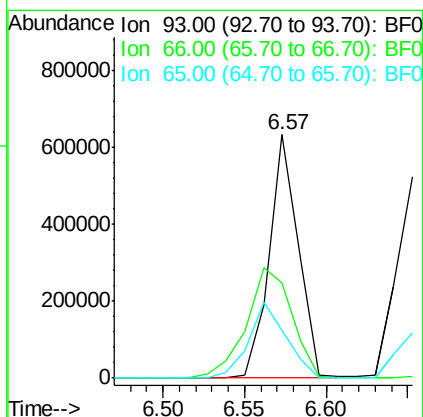
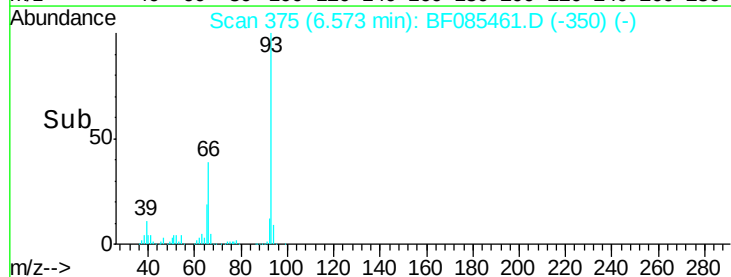
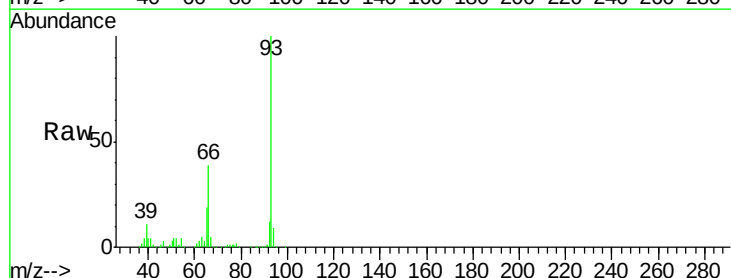
RT: 6.57 min Scan# 375

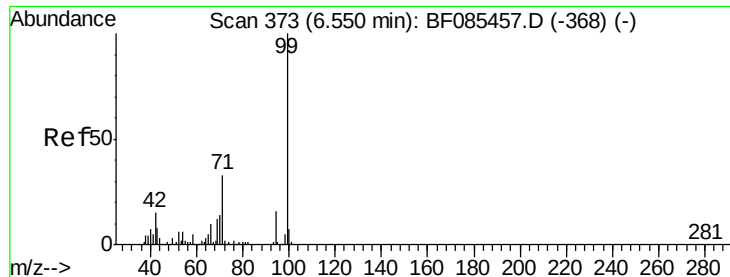
Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	784938		
66	38.8	31.6	47.4	
65	19.4	15.8	23.8	





#7

Phenol-d6

Concen: 84.15 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1163333

Ion Ratio Lower Upper

99 100

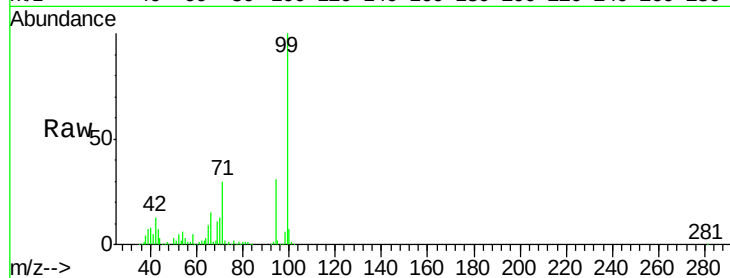
42 13.2 13.6 20.4#

71 30.0 26.7 40.1

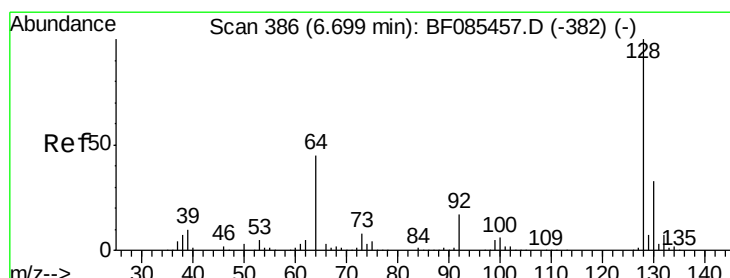
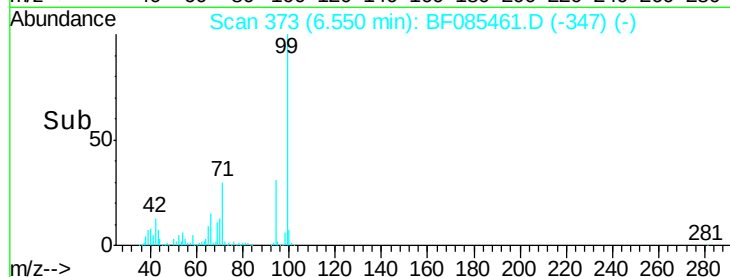
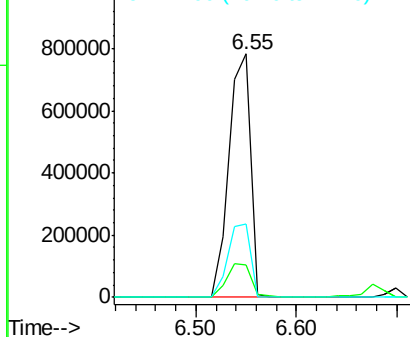
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.95 ng

RT: 6.70 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

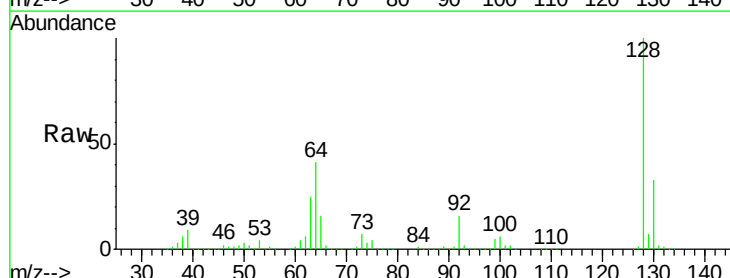
Tgt Ion: 128 Resp: 524229

Ion Ratio Lower Upper

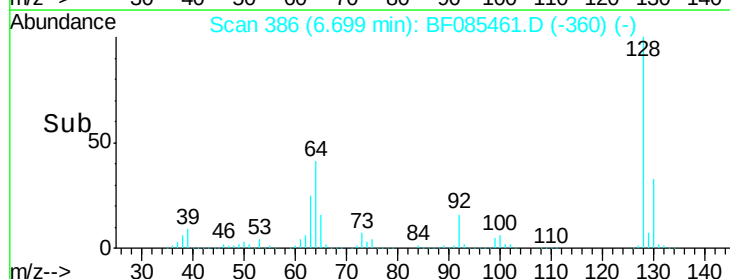
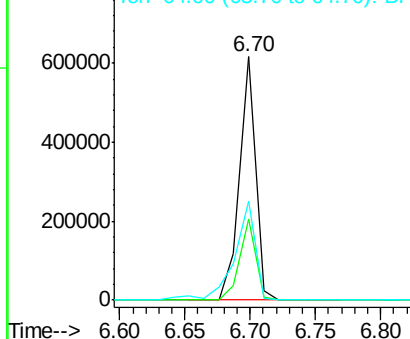
128 100

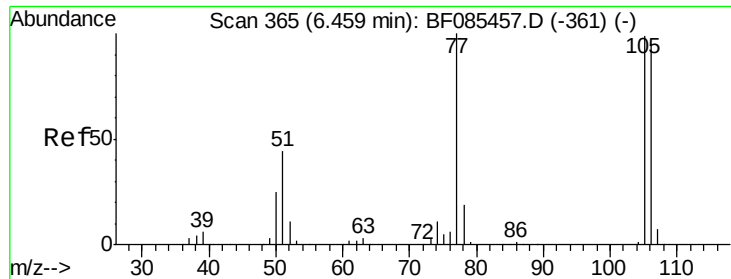
130 33.2 13.3 53.3

64 40.7 25.7 65.7



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





#9

Benzaldehyde

Concen: 42.01 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

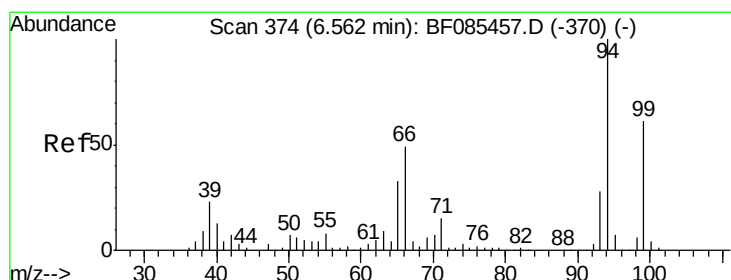
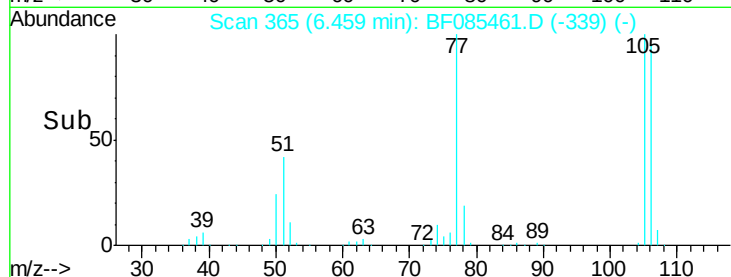
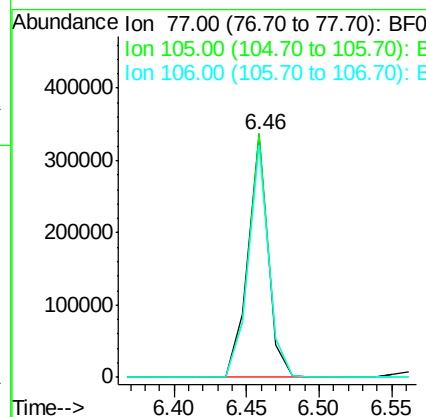
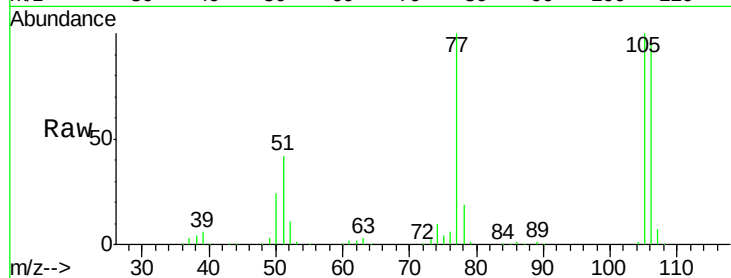
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Tgt Ion:	77	Resp:	324297
Ion Ratio	Lower	Upper	
77	100		
105	100.1	78.2	118.2
106	95.2	72.9	112.9

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#10

Phenol

Concen: 46.17 ng

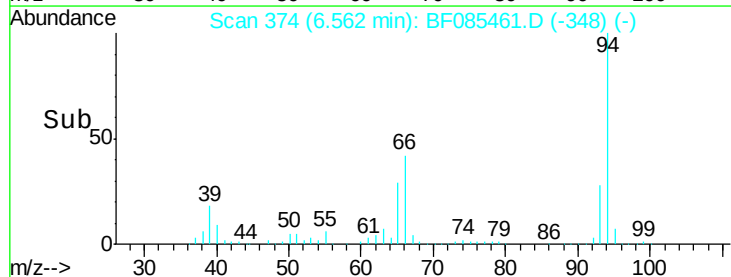
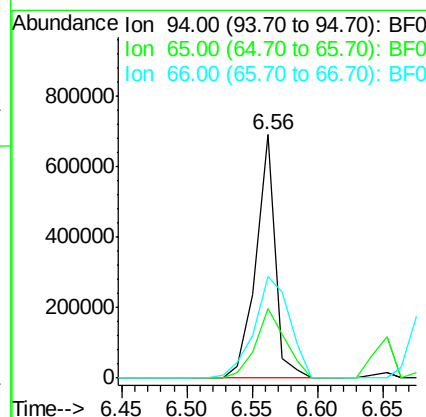
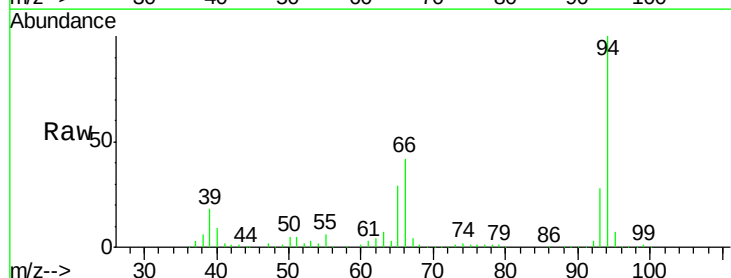
RT: 6.56 min Scan# 374

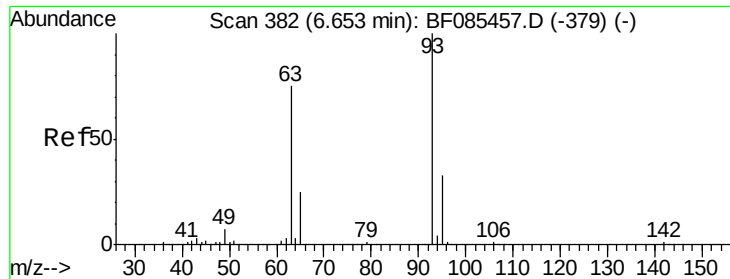
Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:	94	Resp:	715593
Ion Ratio	Lower	Upper	
94	100		
65	28.6	9.1	49.1
66	41.5	19.3	59.3





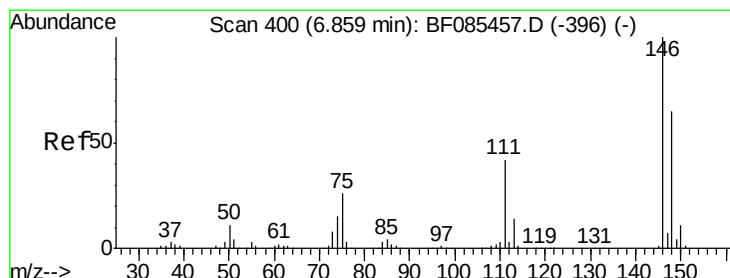
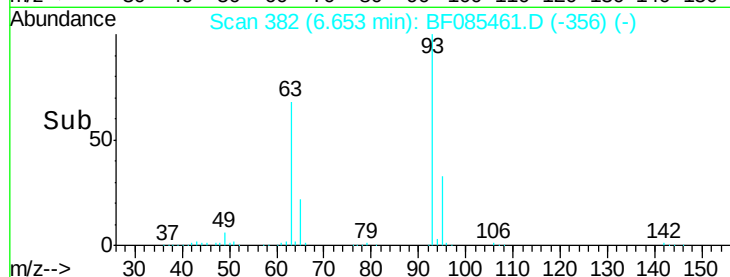
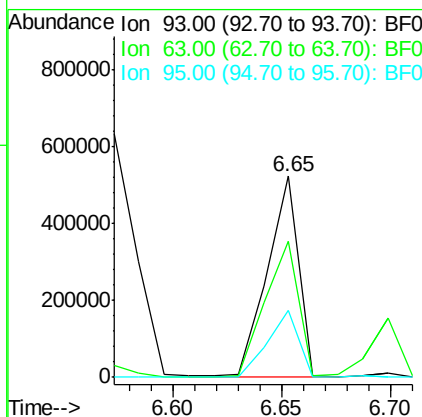
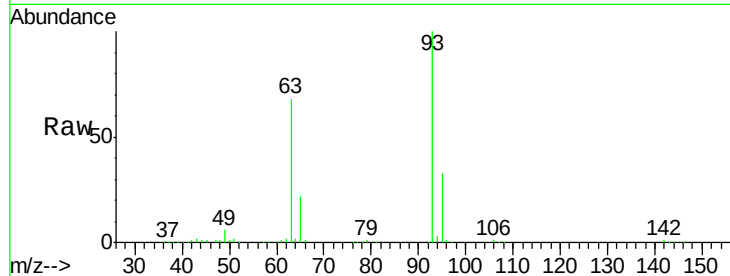
#11
bis(2-Chloroethyl)ether
Concen: 44.18 ng
RT: 6.65 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Tgt Ion	Ratio	Lower	Upper
93	100		
63	68.0	50.9	90.9
95	33.2	13.7	53.7

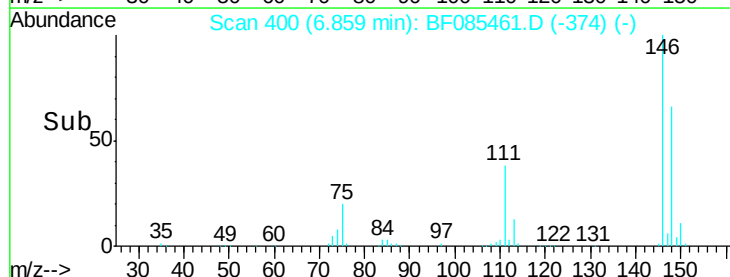
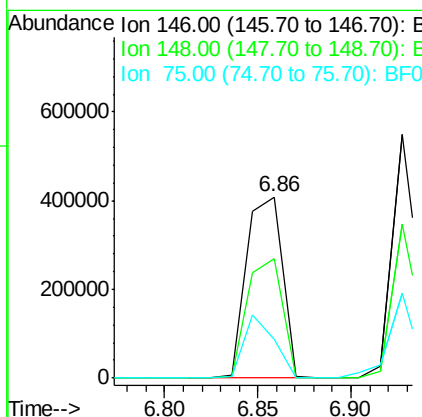
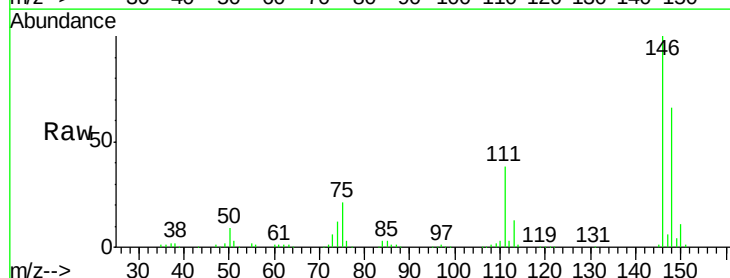
Manual Integrations
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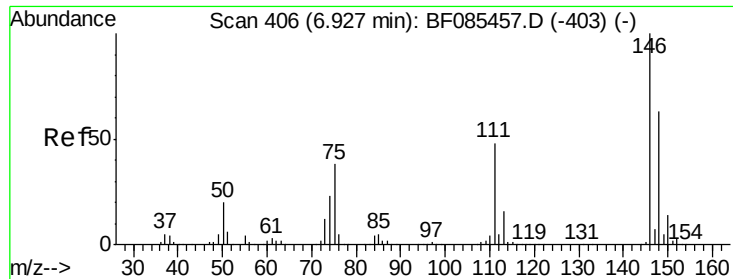
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#12
1,3-Dichlorobenzene
Concen: 39.38 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.1	78.1
75	21.4	19.5	29.3





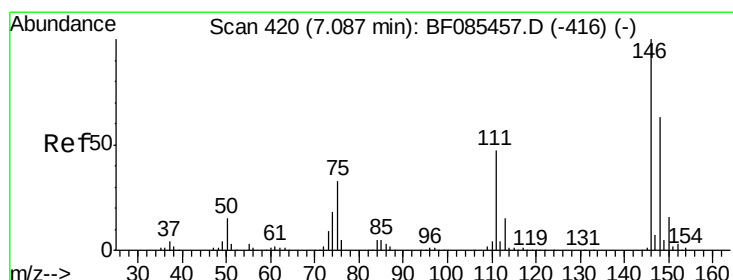
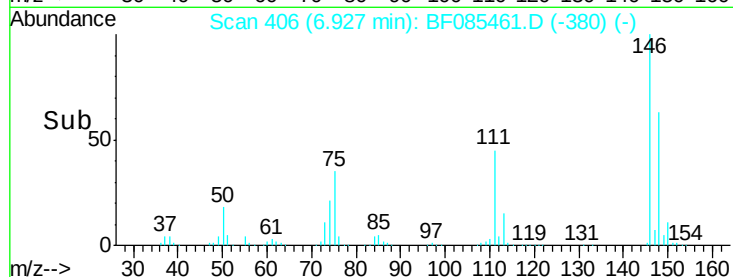
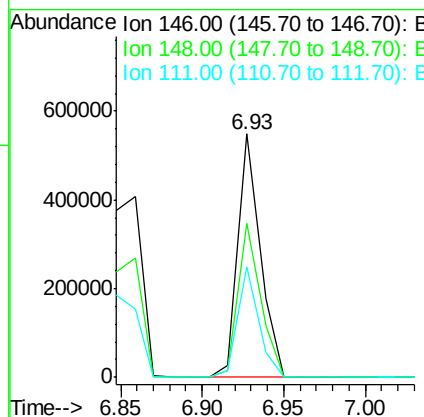
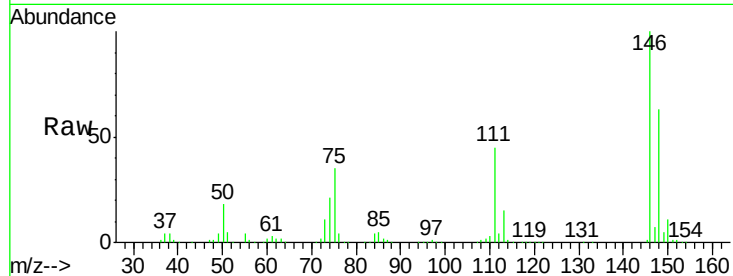
#13
 1,4-Dichlorobenzene
 Concen: 37.27 ng
 RT: 6.93 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
111	45.5	38.4	57.6

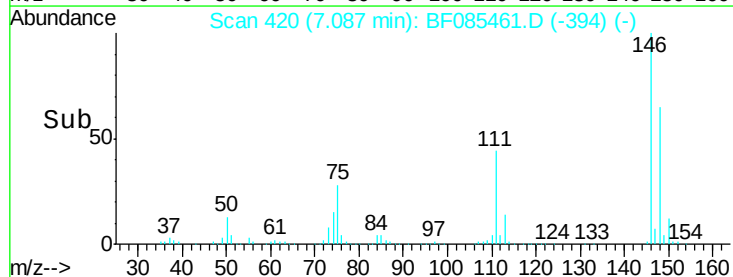
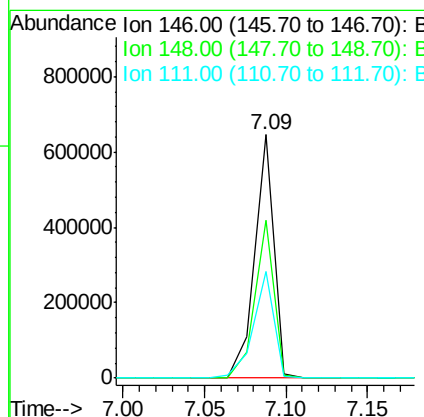
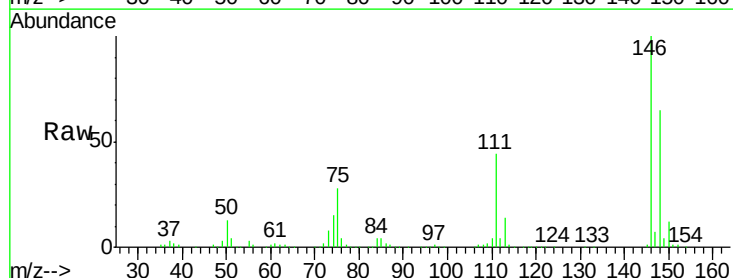
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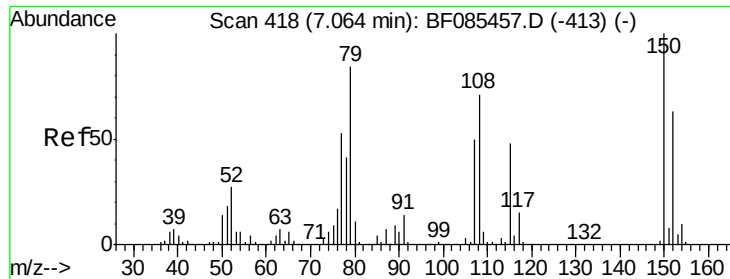
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#14
 1,2-Dichlorobenzene
 Concen: 43.25 ng
 RT: 7.09 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	43.8	36.7	55.1





#15

Benzyl Alcohol

Concen: 41.41 ng

RT: 7.05 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

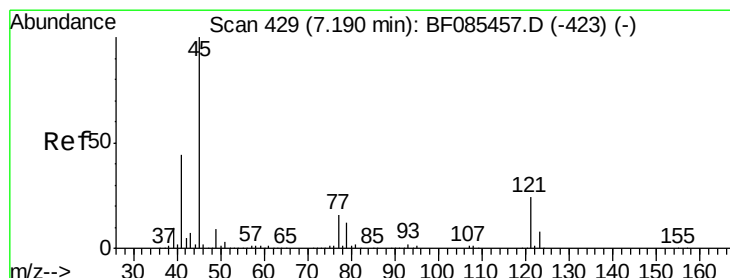
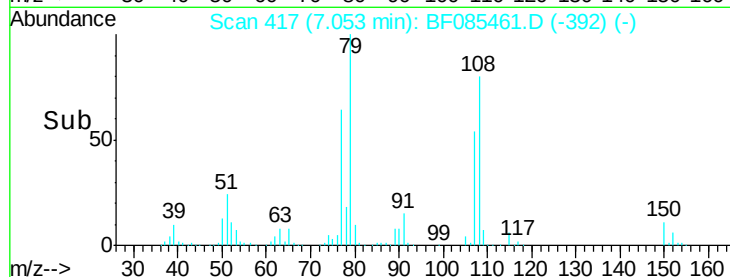
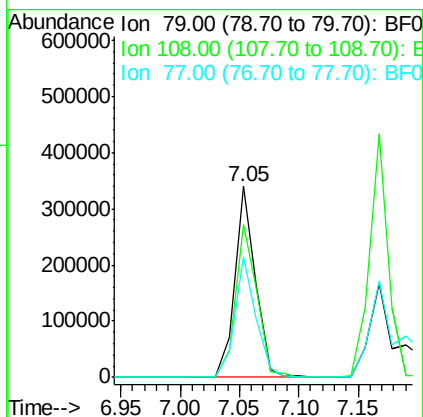
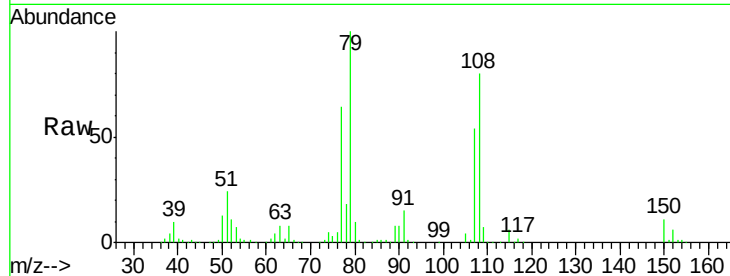
ClientSampleId :

ICVBF031516

Tgt Ion:	79	Resp:	408853
Ion Ratio	Lower	Upper	
79	100		
108	79.9	62.9	94.3
77	63.6	49.5	74.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.47 ng

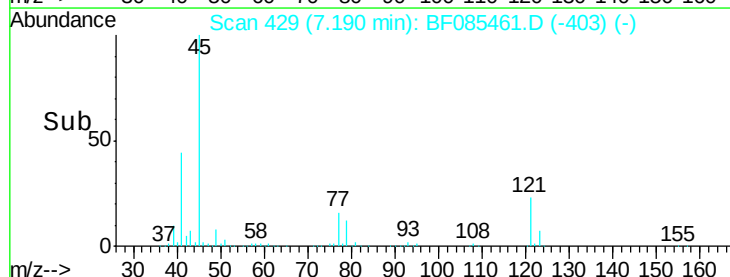
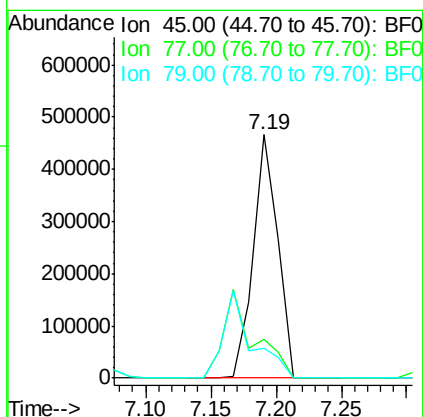
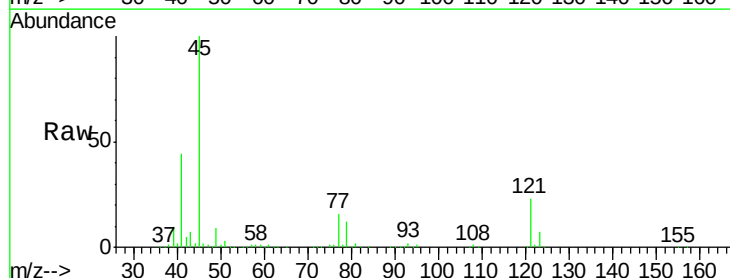
RT: 7.19 min Scan# 429

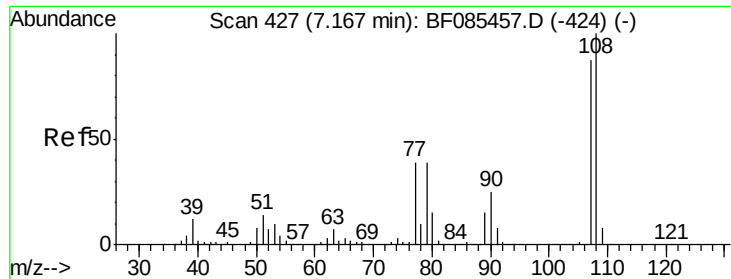
Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:	45	Resp:	608028
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	35.1
79	12.1	0.0	31.3





#17

2-Methylphenol

Concen: 39.22 ng

RT: 7.17 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF085461.D

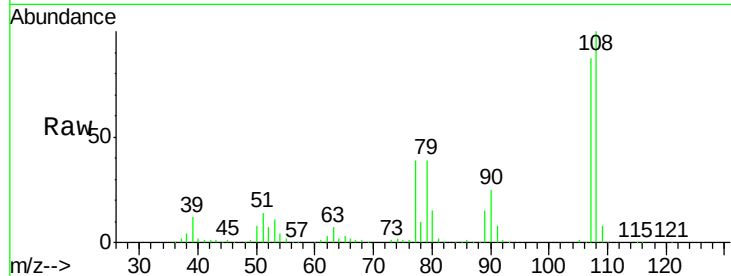
Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

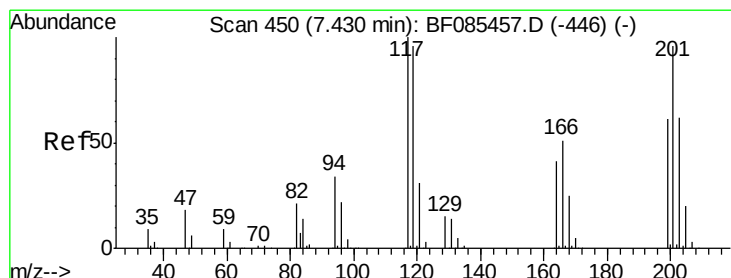
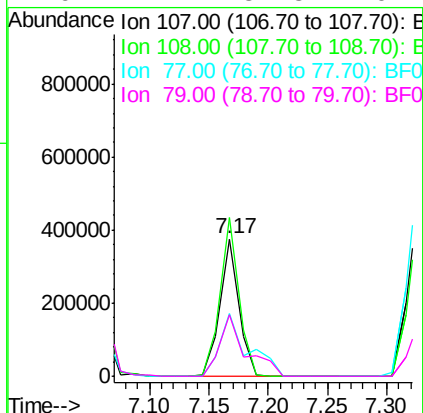
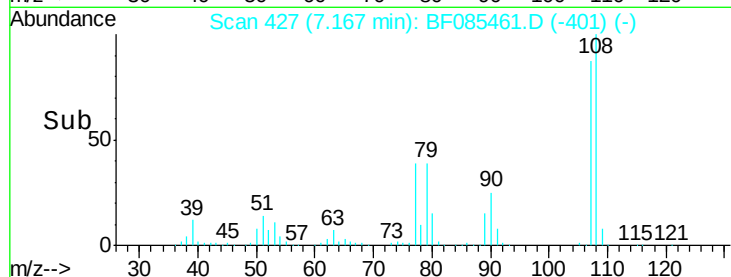
ICVBF031516



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	410346		
108	115.5	90.9	136.3	
77	45.5	32.6	48.8	
79	44.7	32.8	49.2	

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#18

Hexachloroethane

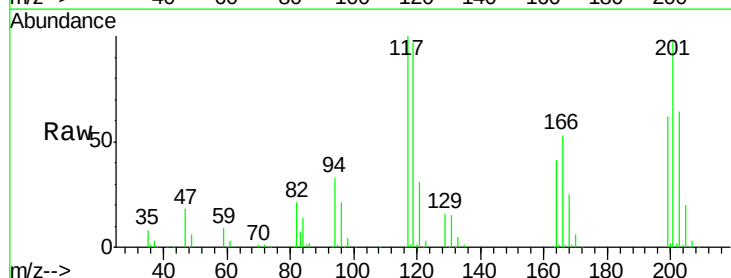
Concen: 41.10 ng

RT: 7.43 min Scan# 450

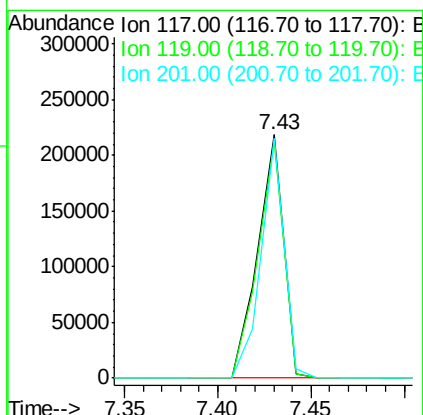
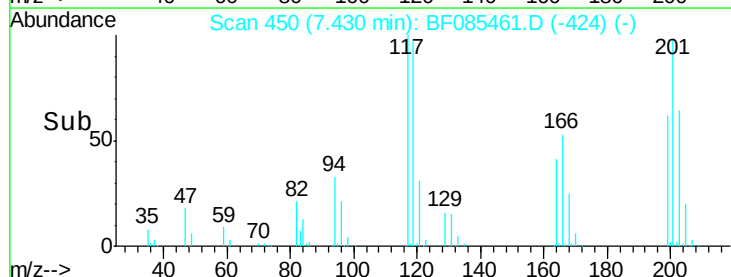
Delta R.T. -0.00 min

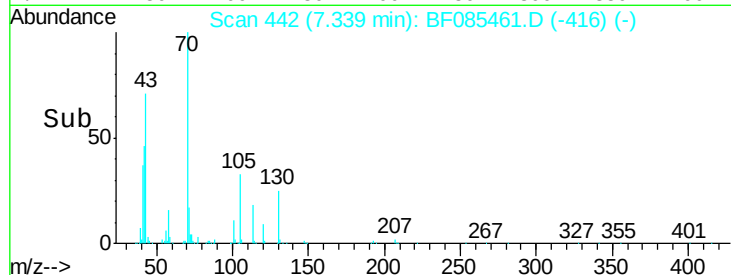
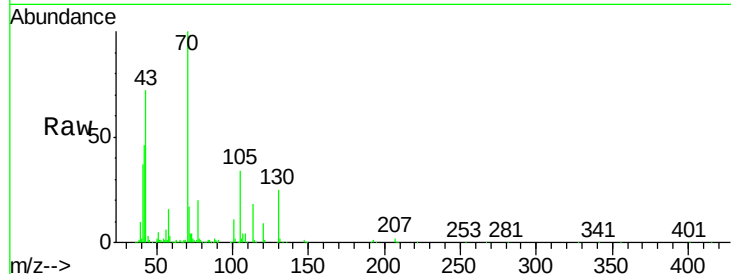
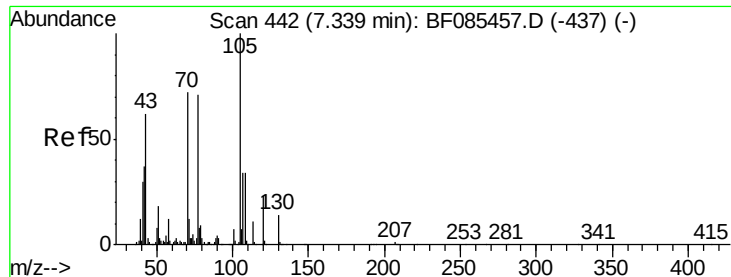
Lab File: BF085461.D

Acq: 15 Mar 2016 17:55



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	209147		
119	97.5	78.2	117.4	
201	98.3	72.0	108.0	





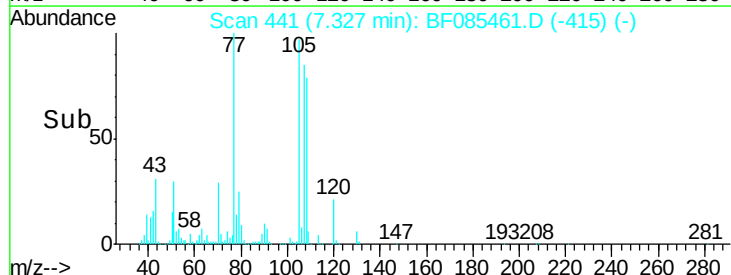
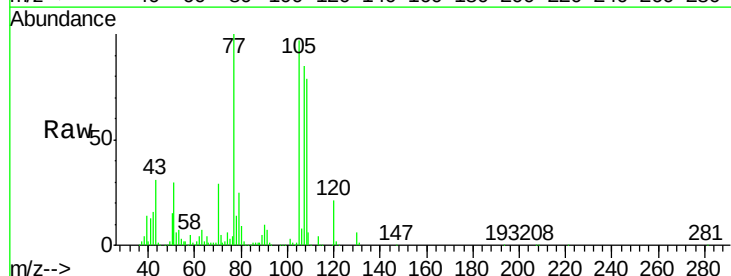
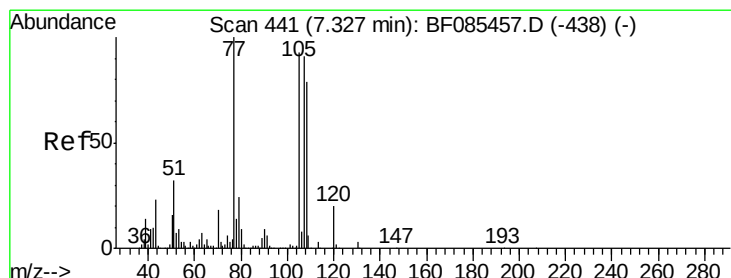
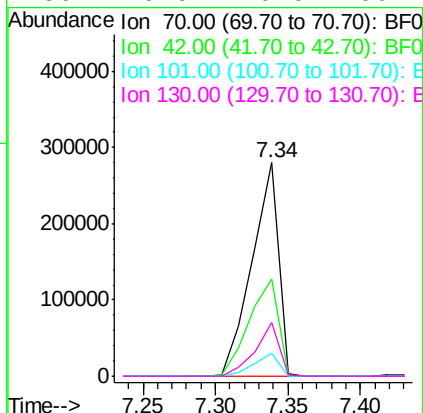
#19
n-Nitroso-di-n-propylamine
Concen: 43.06 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

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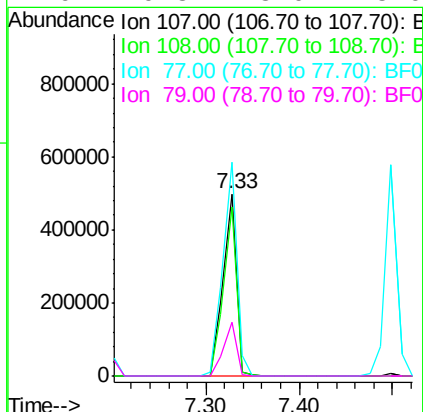
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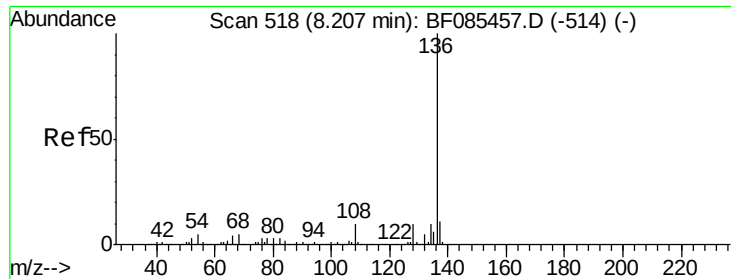
Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.5	37.7	56.5
101	10.8	8.2	12.4
130	25.0	20.5	30.7



#20
3+4-Methylphenols
Concen: 43.94 ng
RT: 7.33 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.8	108.8
77	117.3	53.6	93.6#
79	29.8	8.0	48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

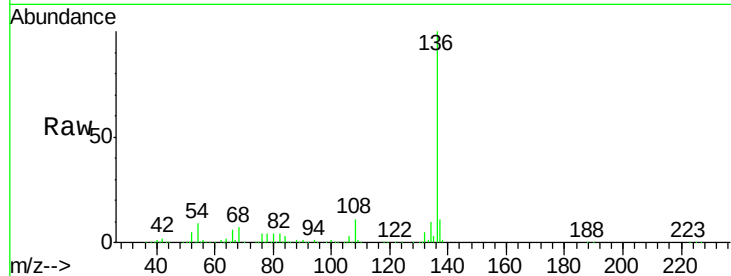
ClientSampleId :

ICVBF031516

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	743413		
137	11.3	9.3	13.9	
54	8.7	7.4	11.2	
68	6.9	6.0	9.0	

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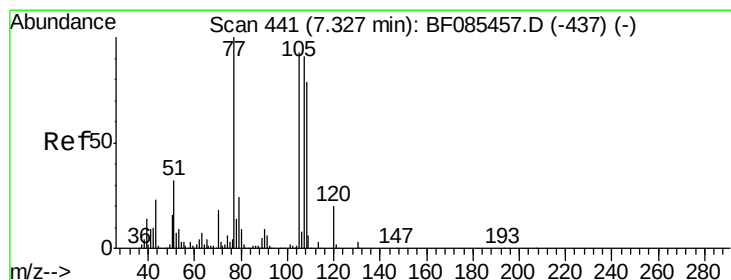
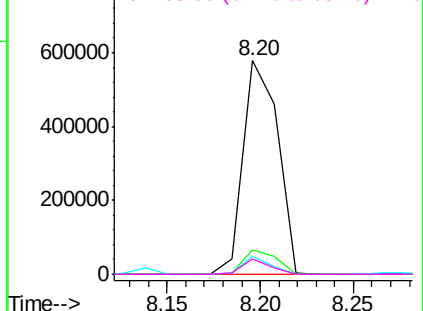
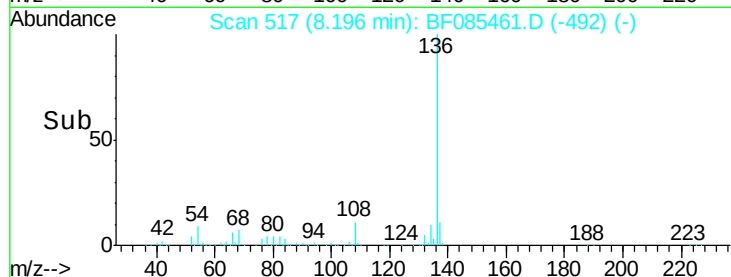


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 33.73 ng

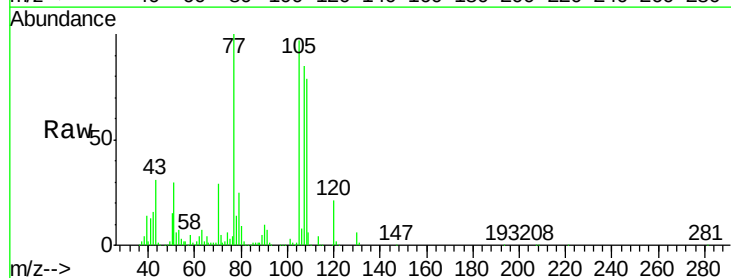
RT: 7.33 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	614531		
71	5.0	4.1	6.1	
51	31.3	21.1	31.7	
120	21.4	17.3	25.9	

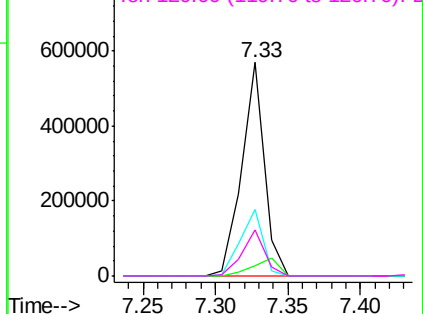
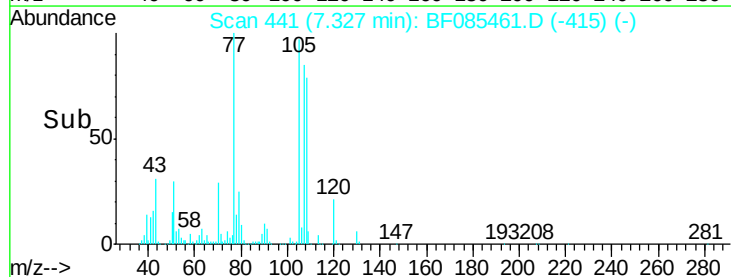


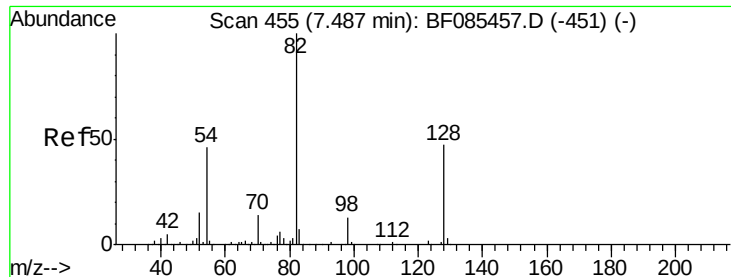
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





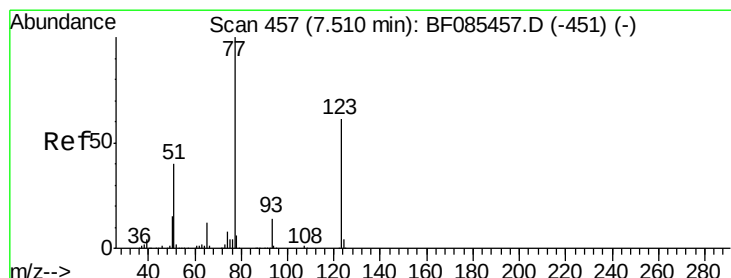
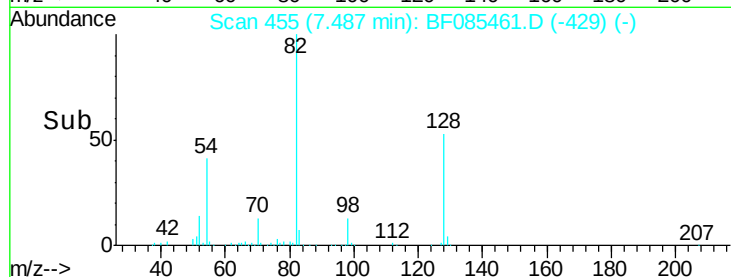
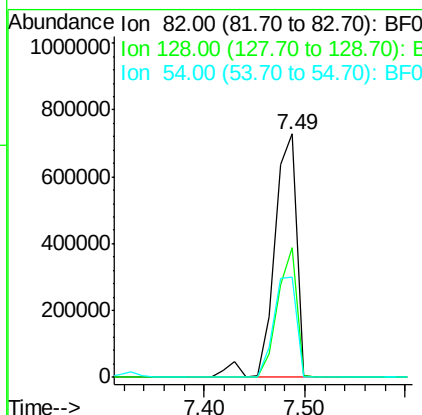
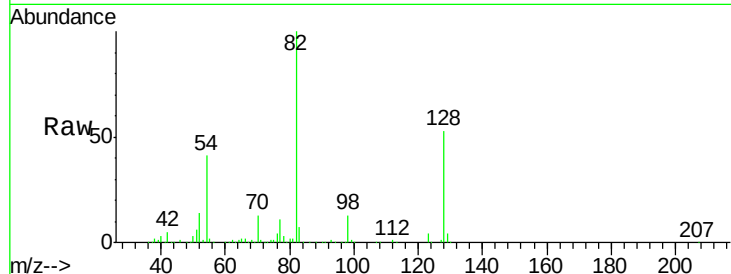
#23
 Nitrobenzene-d5
 Concen: 88.81 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion: 82 Resp: 1116691
 Ion Ratio Lower Upper
 82 100
 128 53.0 34.5 51.7#
 54 41.3 39.3 58.9

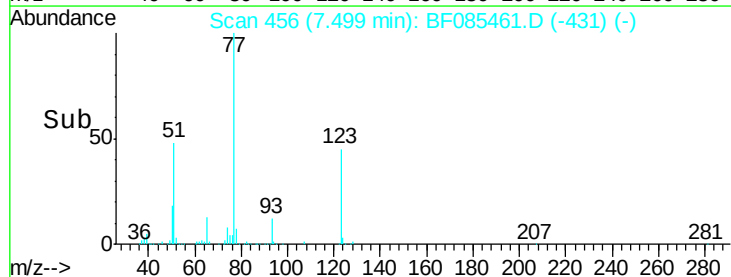
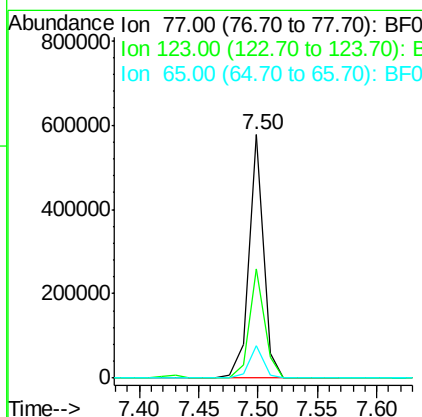
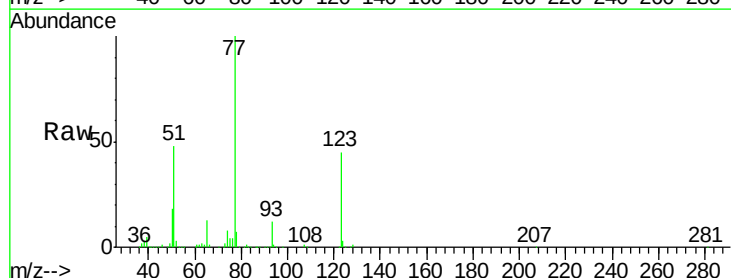
Manual Integrations
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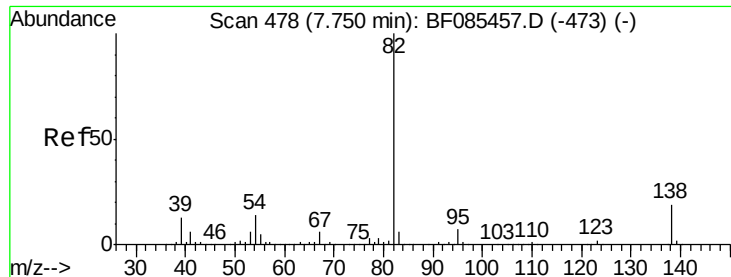
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#24
 Nitrobenzene
 Concen: 35.13 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion: 77 Resp: 497613
 Ion Ratio Lower Upper
 77 100
 123 44.9 35.4 53.2
 65 13.3 10.6 16.0





#25

Isophorone

Concen: 38.86 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

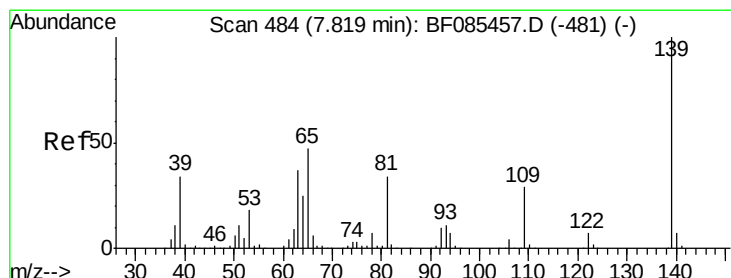
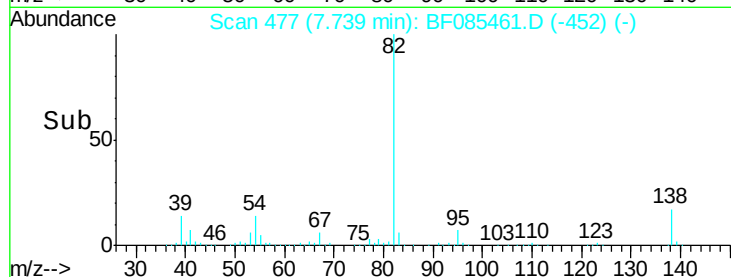
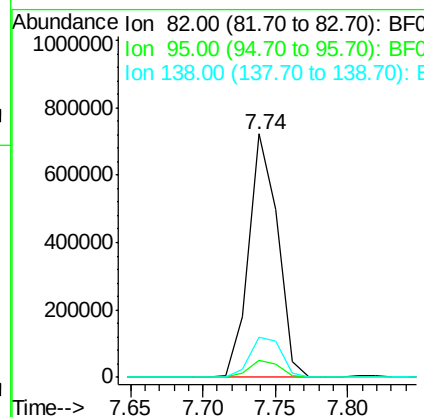
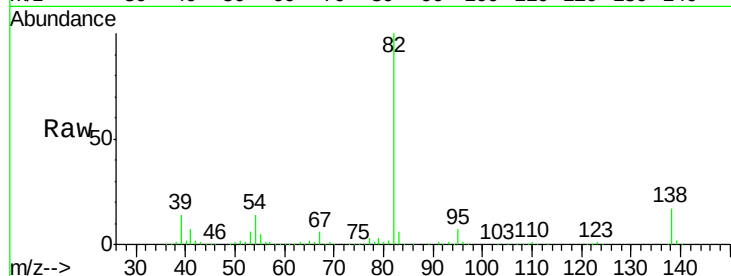
ClientSampleId :

ICVBF031516

Tgt Ion:	82	Resp:	996310
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	16.7	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.19 ng

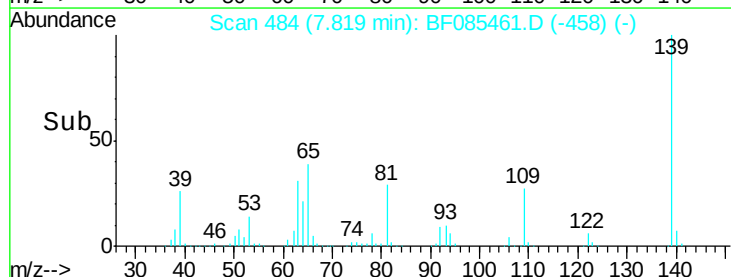
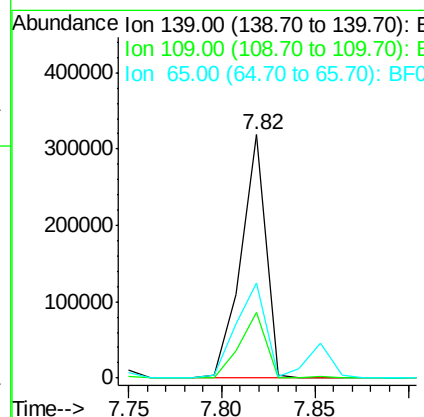
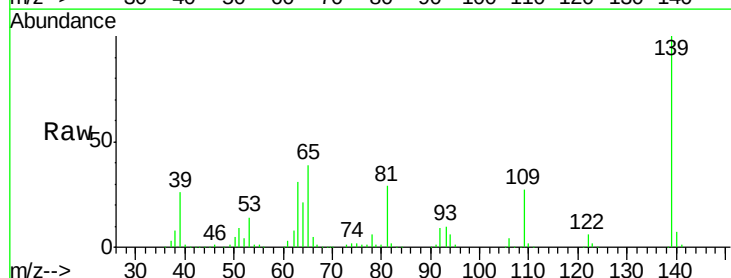
RT: 7.82 min Scan# 484

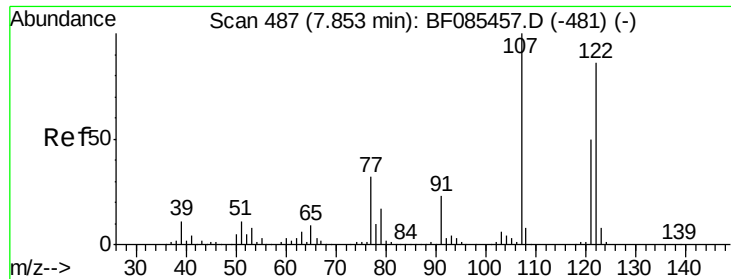
Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:	139	Resp:	299929
Ion Ratio		Lower	Upper
139	100		
109	27.1	19.1	28.7
65	39.0	23.9	35.9





#27

2,4-Dimethylphenol

Concen: 38.76 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

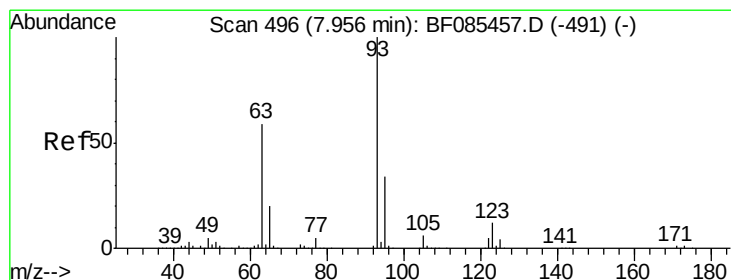
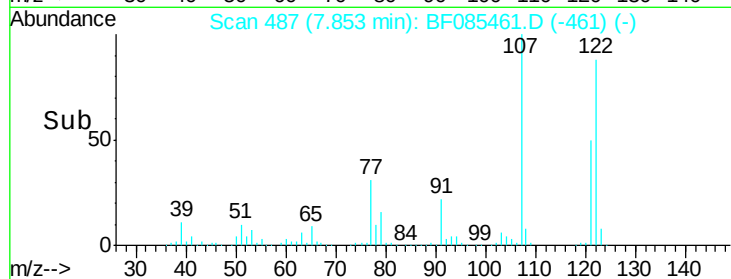
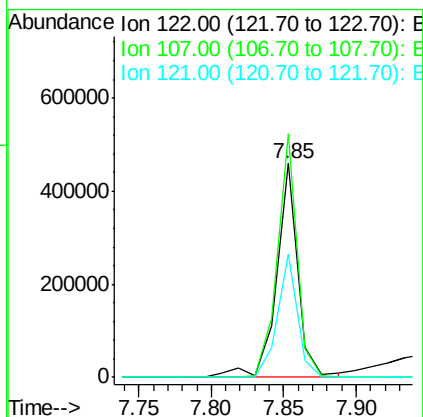
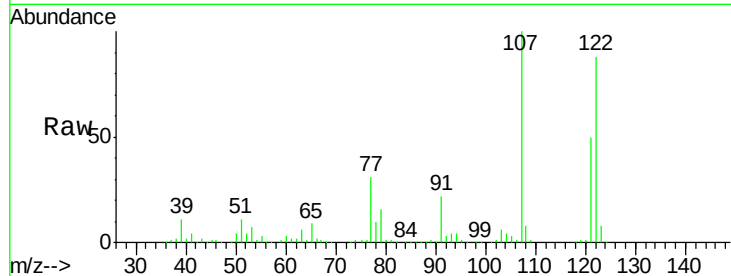
ClientSampleId :

ICVBF031516

Tgt Ion:	122	Resp:	467924
Ion Ratio	Lower	Upper	
122	100		
107	113.7	84.8	127.2
121	57.4	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 39.43 ng

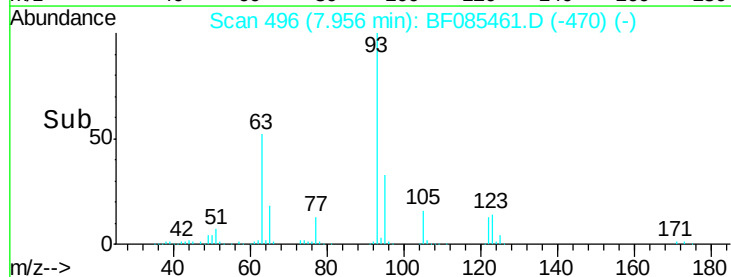
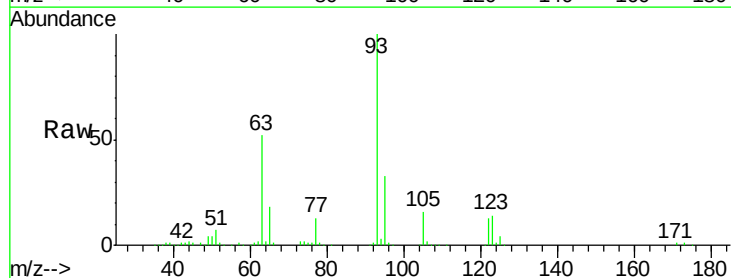
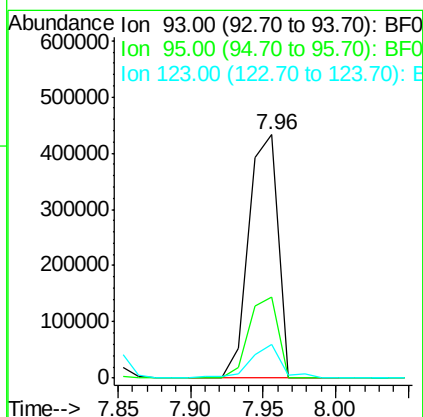
RT: 7.96 min Scan# 496

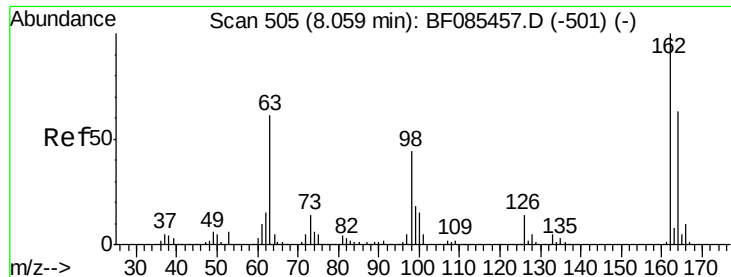
Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:	93	Resp:	604448
Ion Ratio	Lower	Upper	
93	100		
95	33.4	25.9	38.9
123	13.8	8.8	13.2#





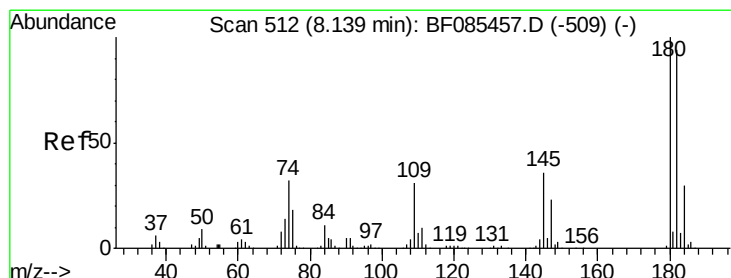
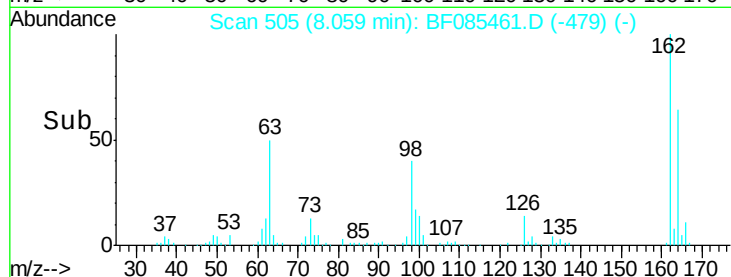
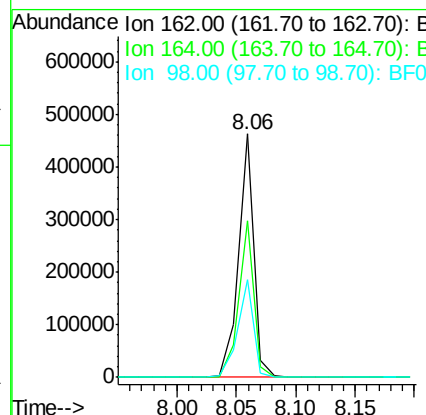
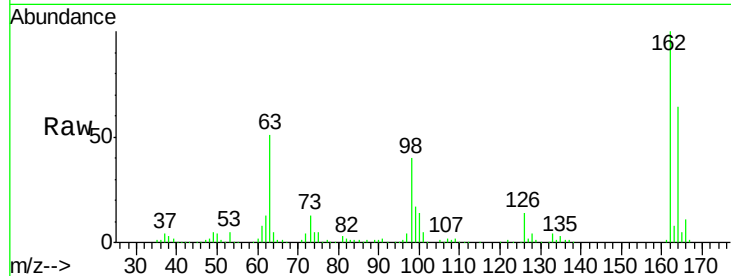
#29
 2,4-Dichlorophenol
 Concen: 42.19 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	413164		
164	64.3	45.7	85.7	
98	40.0	9.4	49.4	

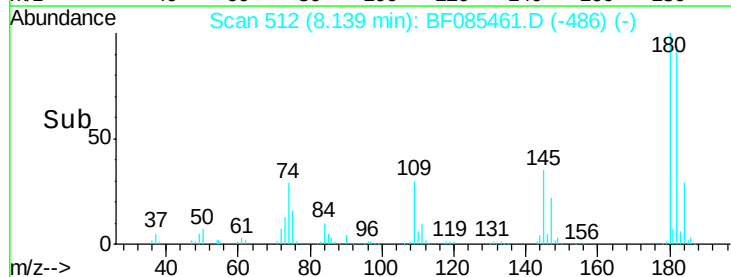
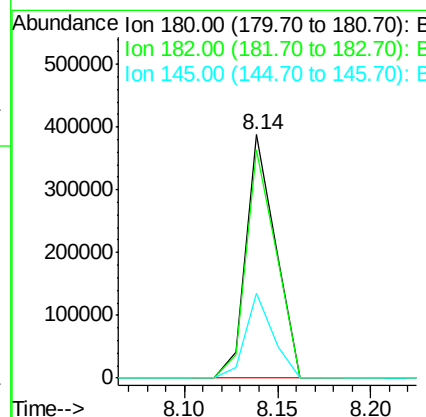
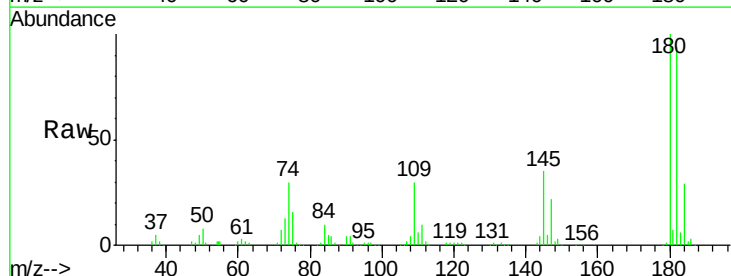
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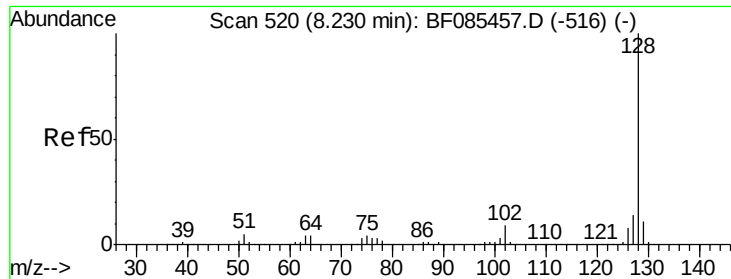
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.55 ng
 RT: 8.14 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	424882		
182	93.6	74.9	112.3	
145	34.9	27.9	41.9	





#31

Naphthalene

Concen: 37.46 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

Tgt Ion:128 Resp: 1360680

Ion Ratio Lower Upper

128 100

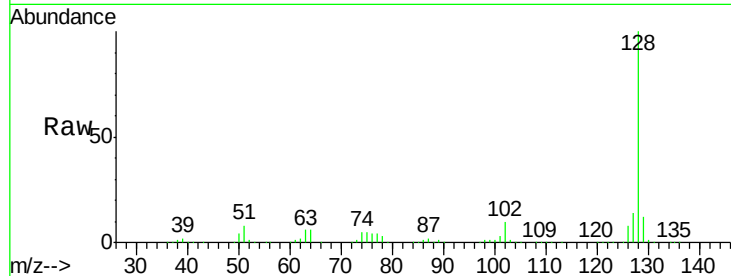
129 11.9 9.7 14.5

127 13.5 11.2 16.8

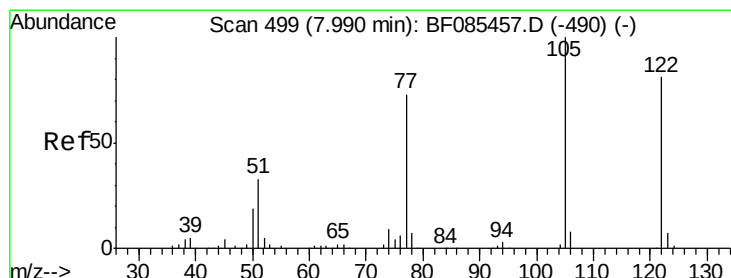
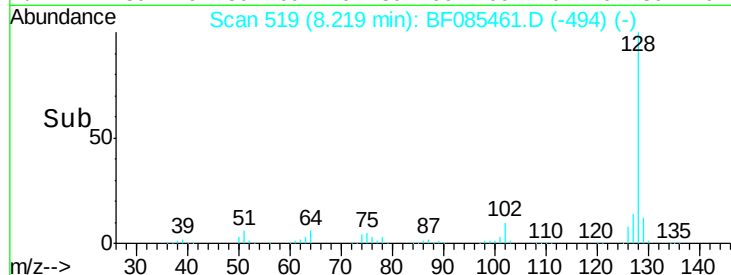
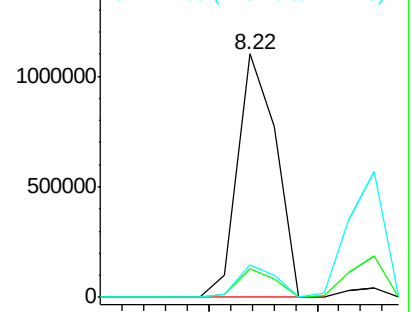
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Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.13 ng

RT: 7.98 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

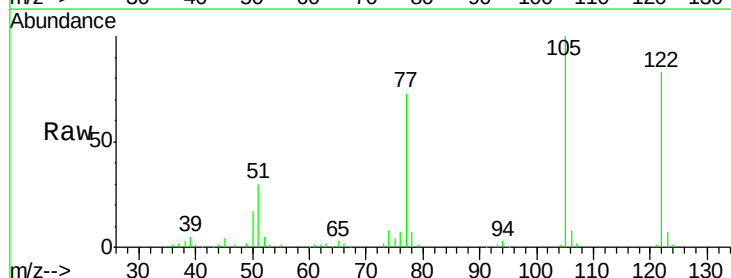
Tgt Ion:122 Resp: 264688

Ion Ratio Lower Upper

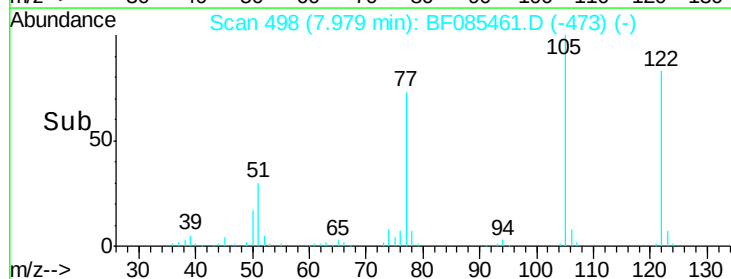
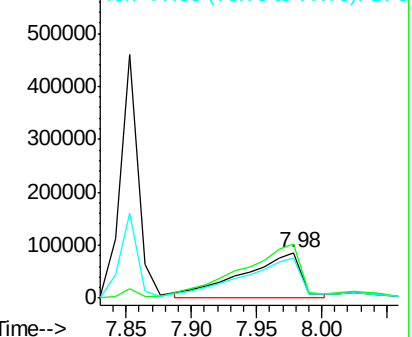
122 100

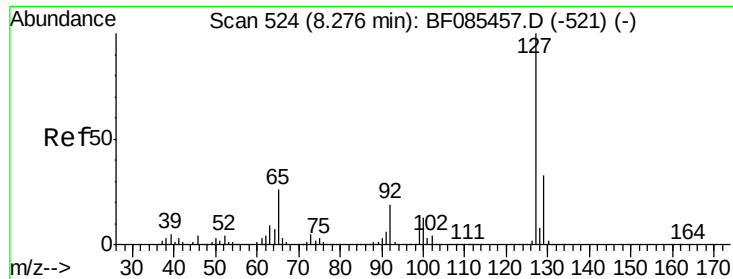
105 119.9 101.3 141.3

77 87.8 74.7 114.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





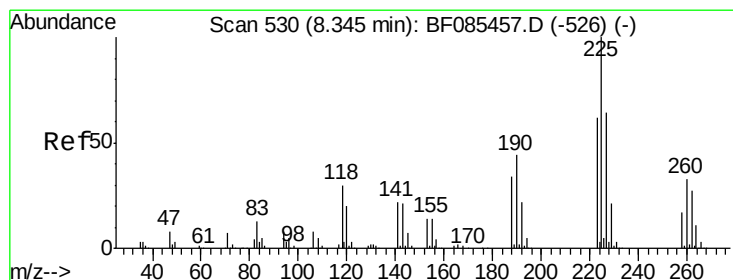
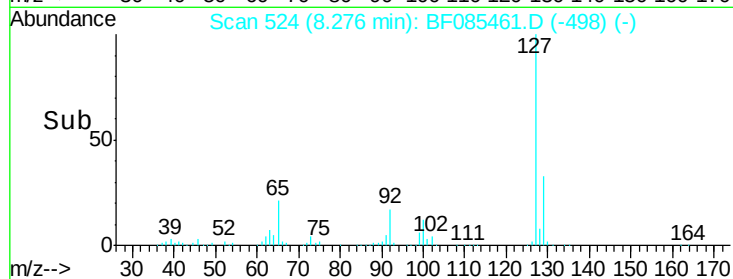
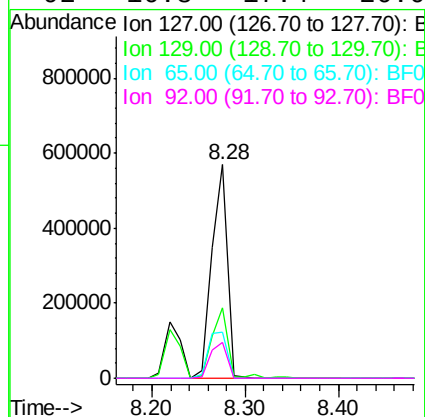
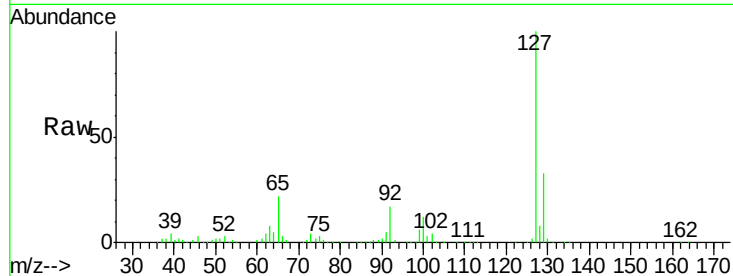
#33
4-Chloroaniline
Concen: 41.95 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.1	26.1	39.1
65	21.7	27.0	40.6
92	16.8	17.4	26.0

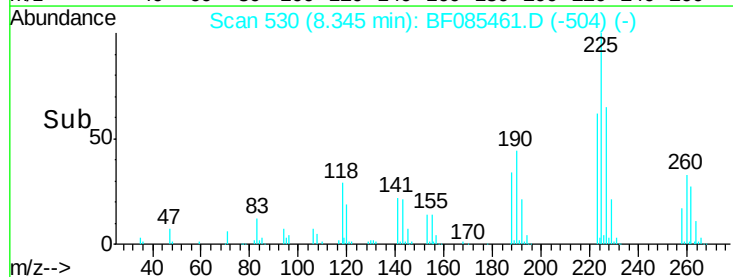
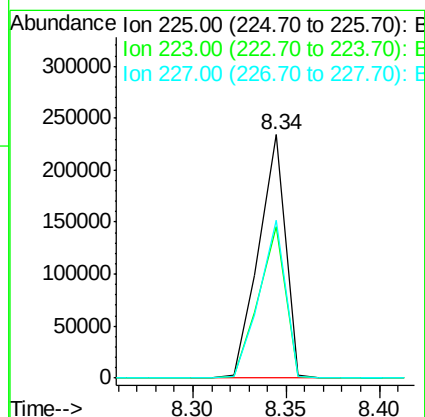
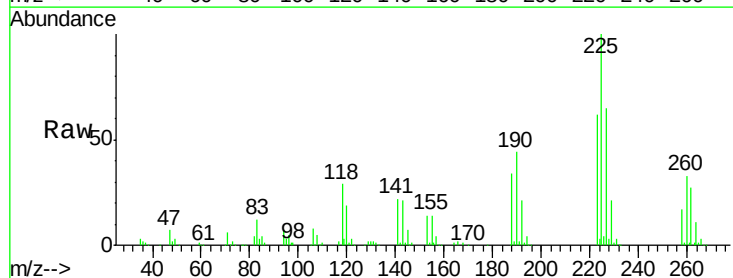
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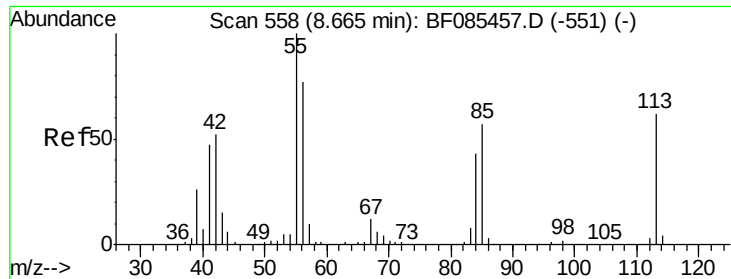
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#34
Hexachlorobutadiene
Concen: 39.22 ng
RT: 8.34 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.0	49.7	74.5
227	65.1	52.2	78.4





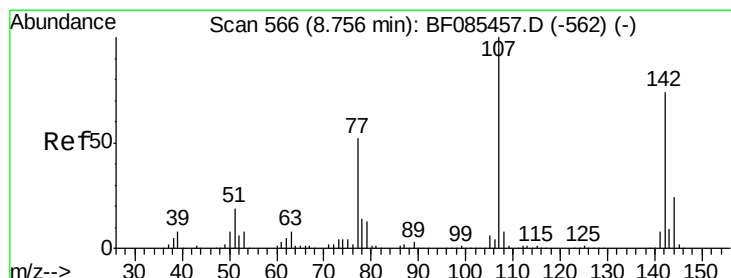
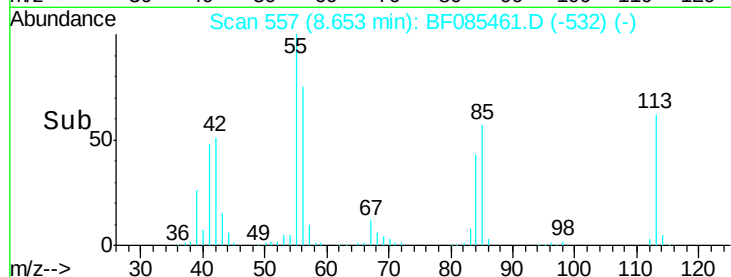
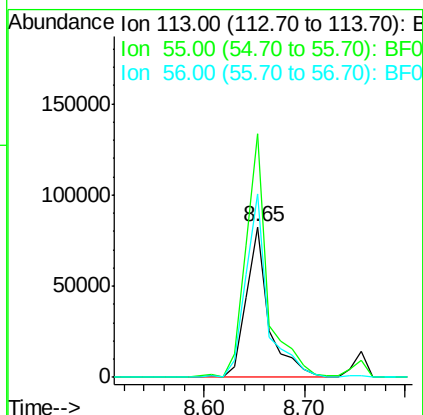
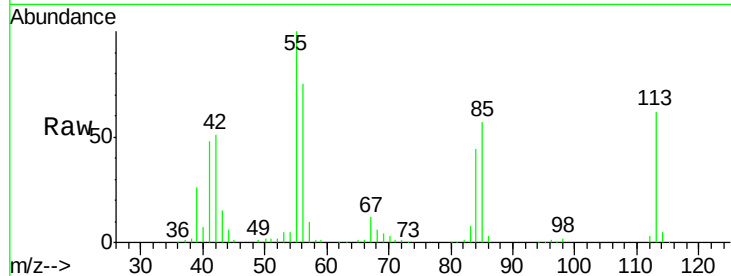
#35
 Caprolactam
 Concen: 40.46 ng
 RT: 8.65 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	129390		
55	161.9	152.7	192.7	
56	121.6	109.0	149.0	

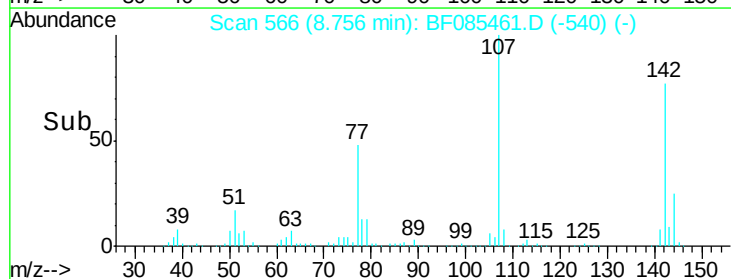
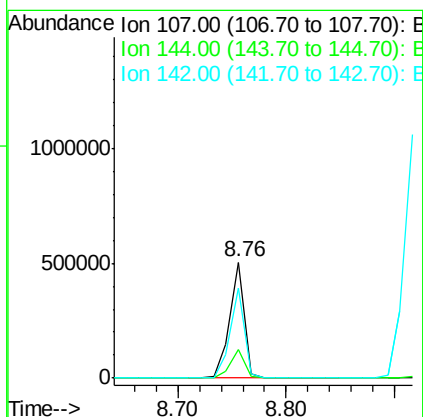
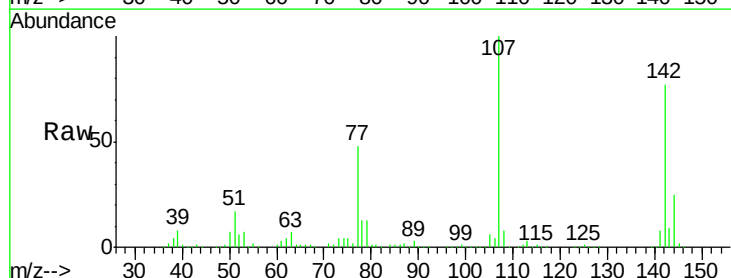
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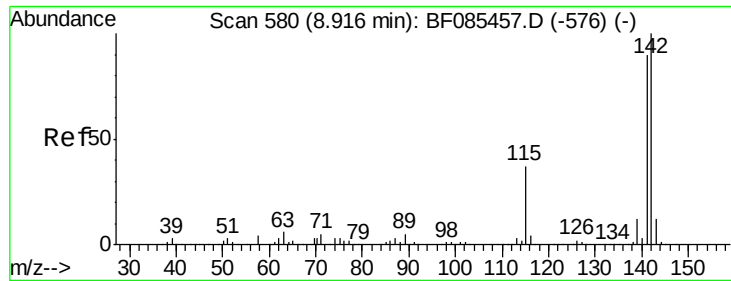
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#36
 4-Chloro-3-methylphenol
 Concen: 41.69 ng
 RT: 8.76 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	466180		
144	25.1	19.4	29.2	
142	77.3	59.4	89.2	





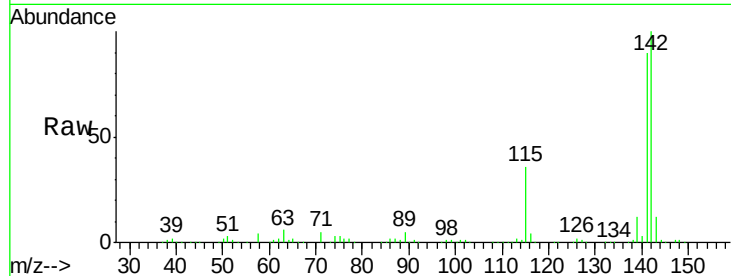
#37
2-Methylnaphthalene
Concen: 41.62 ng
RT: 8.92 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

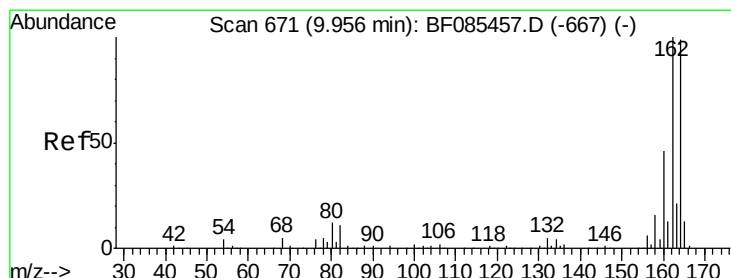
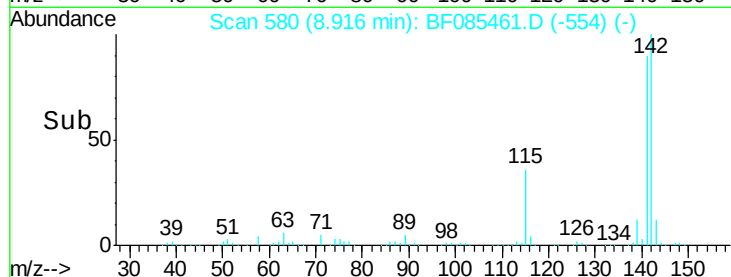
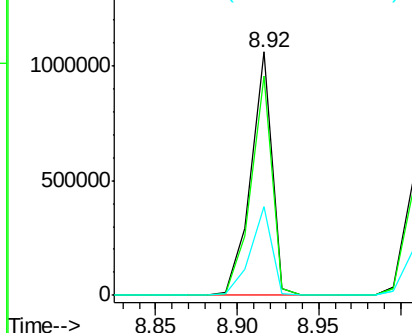
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	957300		
141	90.2	71.7	107.5	
115	36.3	26.2	39.4	

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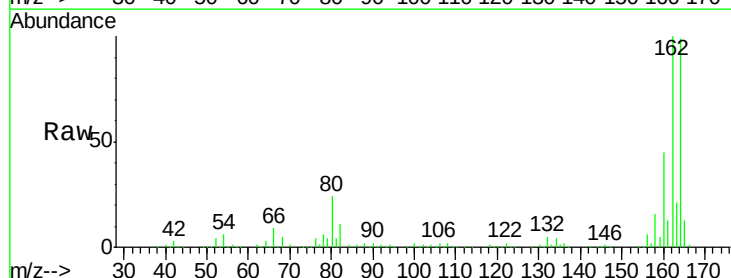


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

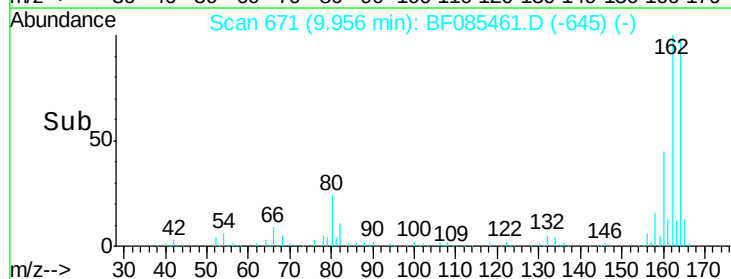
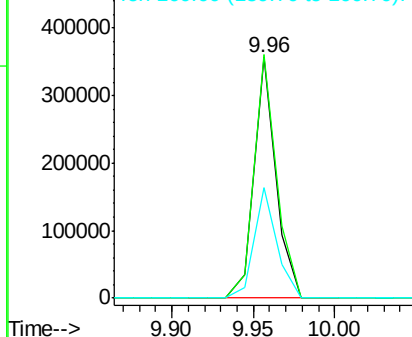


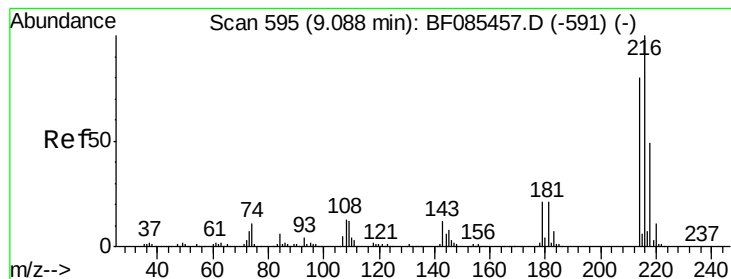
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	332615		
162	101.1	83.3	124.9	
160	46.0	37.9	56.9	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.72 ng

RT: 9.09 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF085461.D

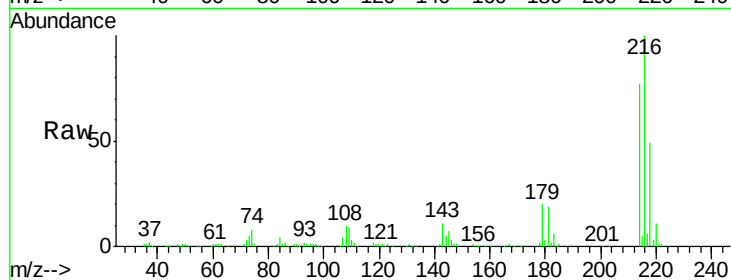
Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516



Tgt Ion: 216 Resp: 400607

Ion Ratio Lower Upper

216 100

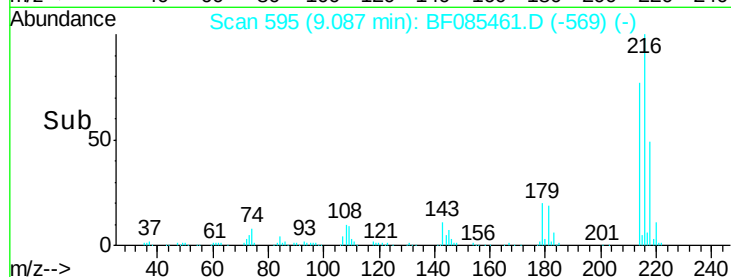
214 78.2 63.8 95.6

179 22.9 19.6 29.4

108 20.6 19.6 29.4

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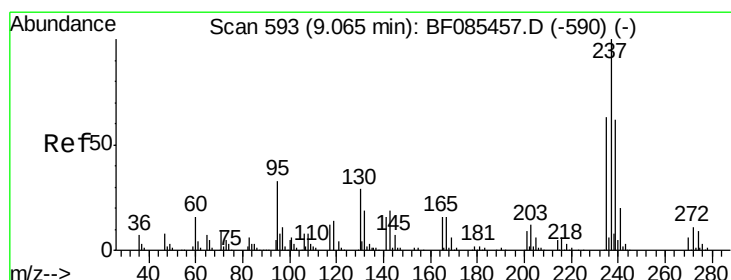
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



#40

Hexachlorocyclopentadiene

Concen: 43.02 ng

RT: 9.06 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

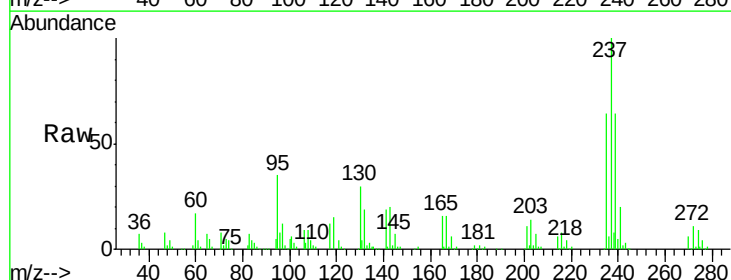
Tgt Ion: 237 Resp: 215068

Ion Ratio Lower Upper

237 100

235 64.3 43.7 83.7

272 11.0 0.0 31.5

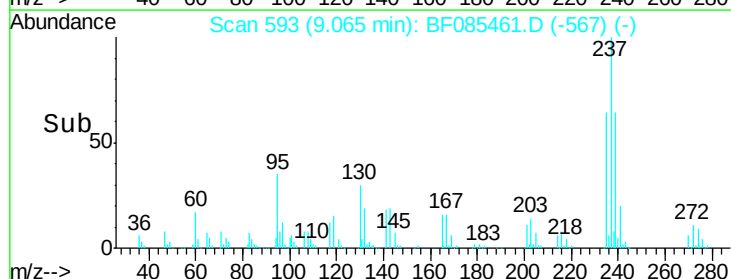


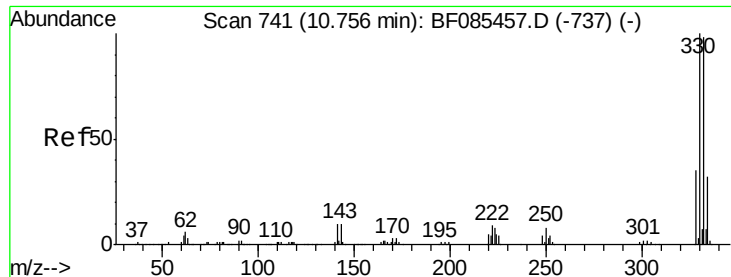
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->





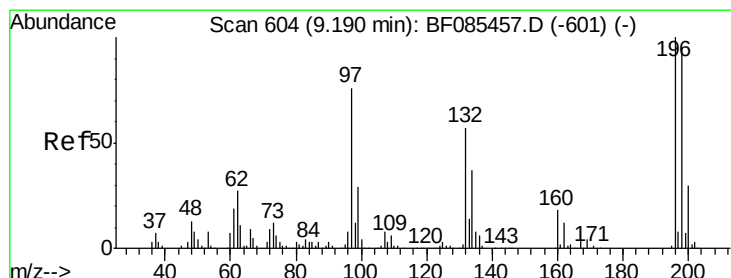
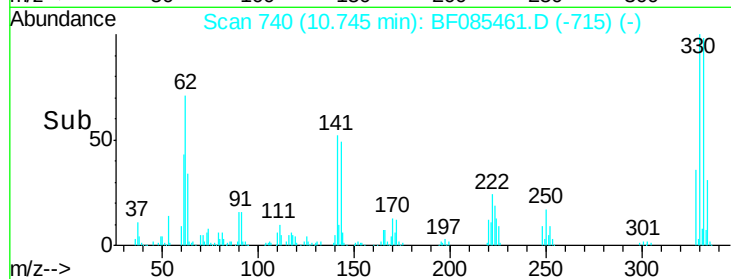
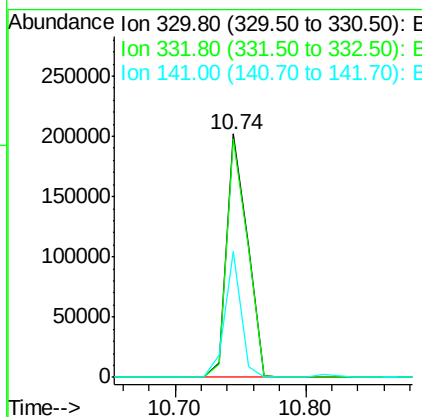
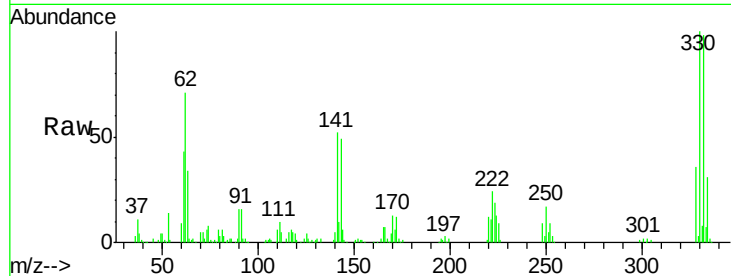
#41
 2,4,6-Tribromophenol
 Concen: 72.99 ng
 RT: 10.74 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	223602		
332	97.9	77.1	115.7	
141	40.9	35.0	52.6	

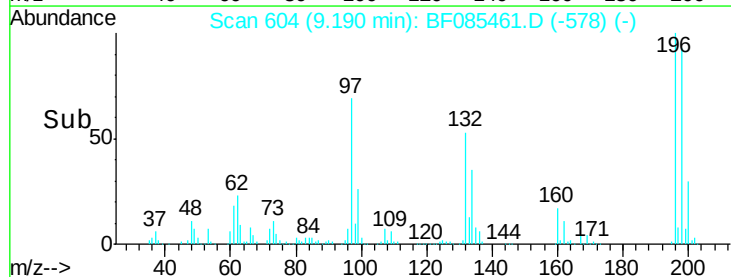
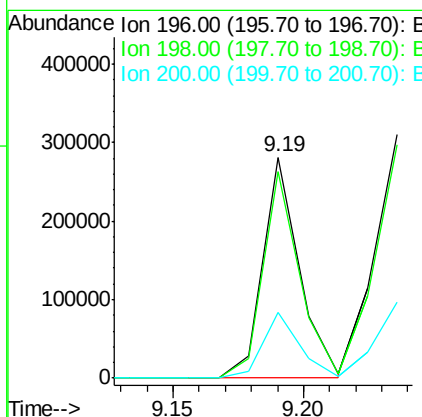
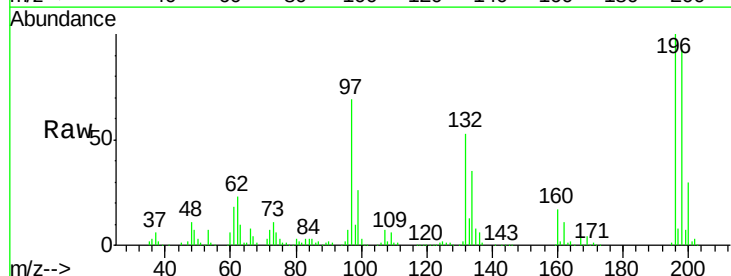
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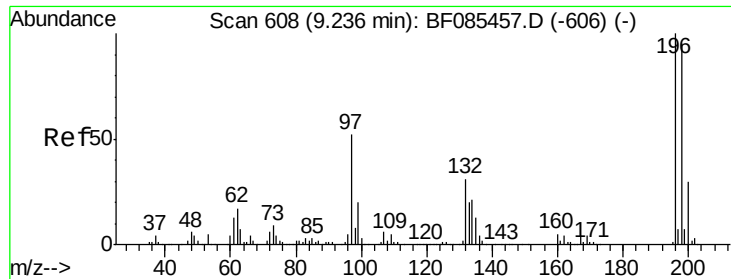
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#42
 2,4,6-Trichlorophenol
 Concen: 39.61 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

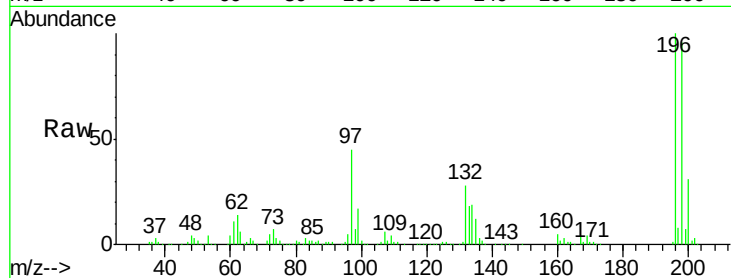
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270635		
198	93.4	77.8	116.6	
200	29.6	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 43.85 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

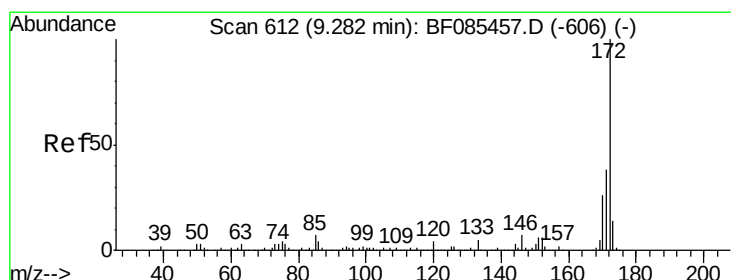
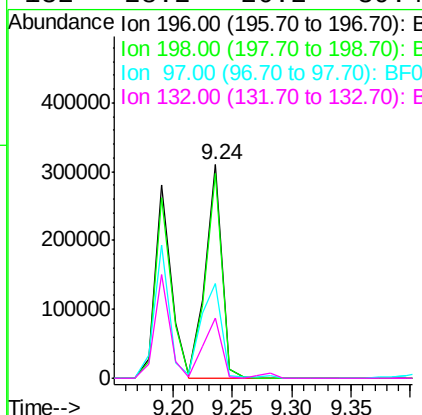
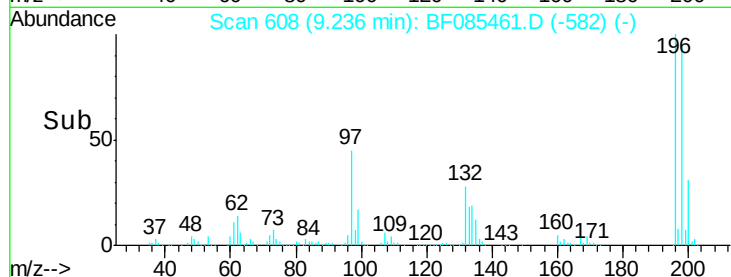
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	302631		
198	95.6	75.7	113.5	
97	44.6	46.4	69.6	
132	28.2	26.2	39.4	

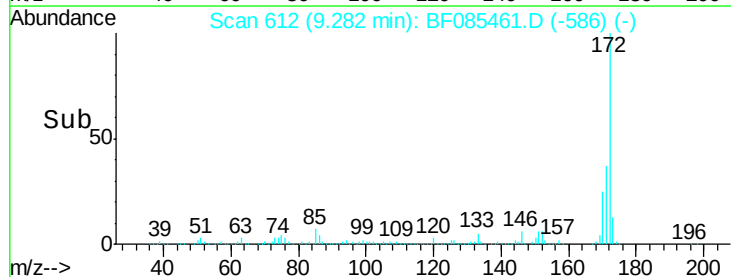
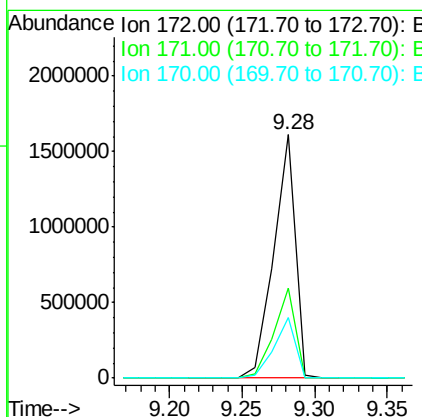
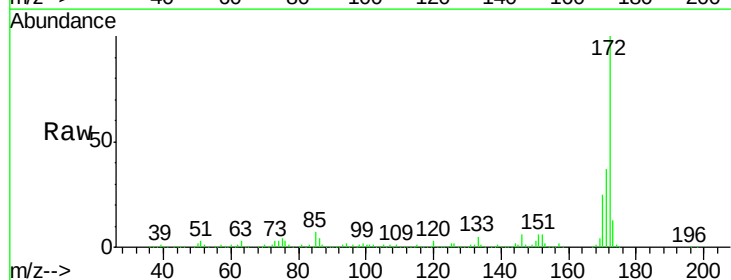
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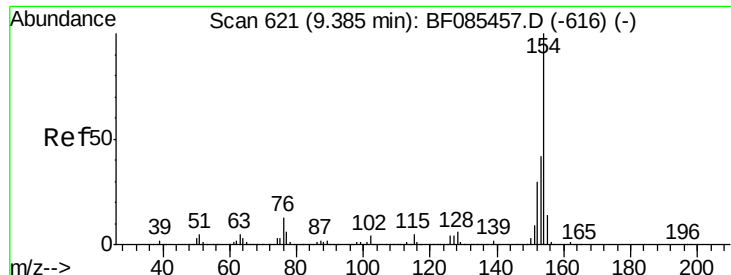
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#44
 2-Fluorobiphenyl
 Concen: 86.89 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1665978		
171	37.1	29.3	43.9	
170	25.0	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 43.48 ng

RT: 9.38 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

Tgt Ion:154 Resp: 1180435

Ion Ratio Lower Upper

154 100

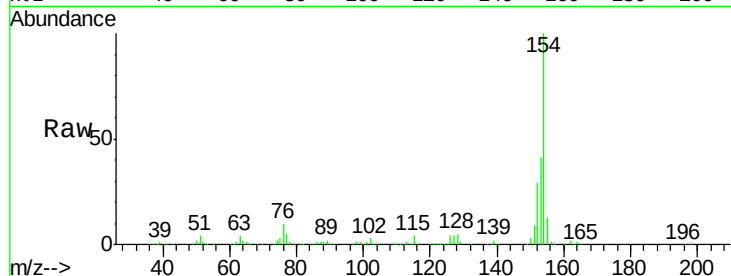
153 41.4 21.4 61.4

76 10.2 0.0 37.5

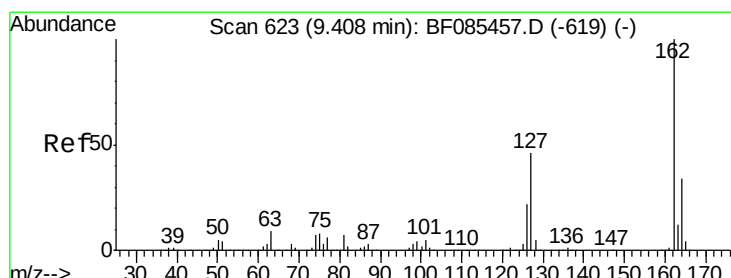
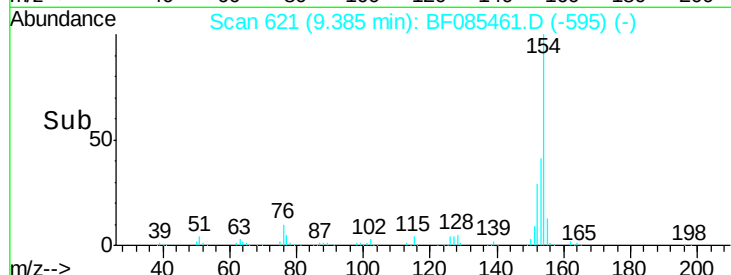
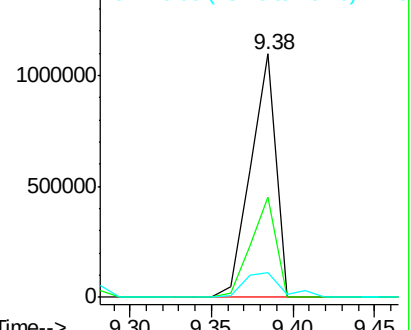
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.04 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

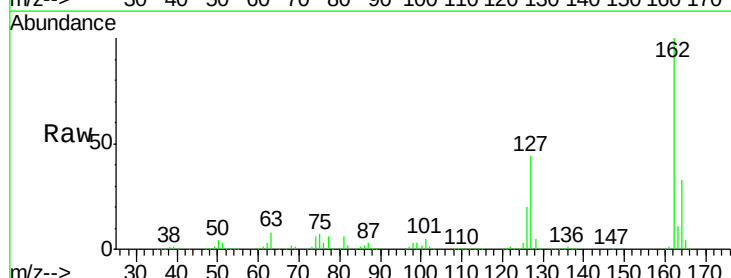
Tgt Ion:162 Resp: 875445

Ion Ratio Lower Upper

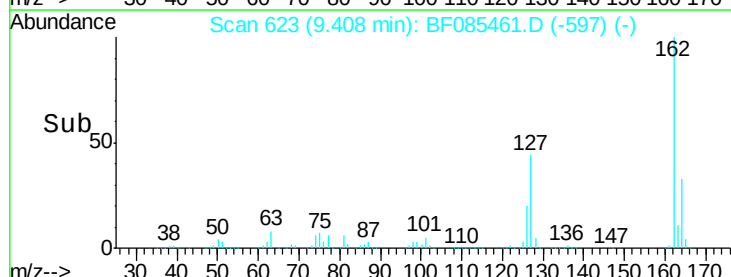
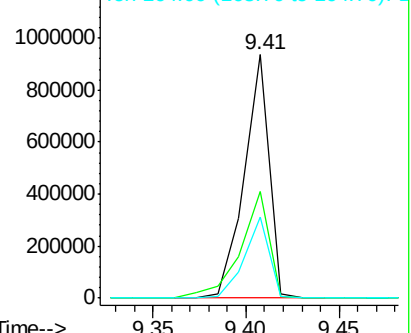
162 100

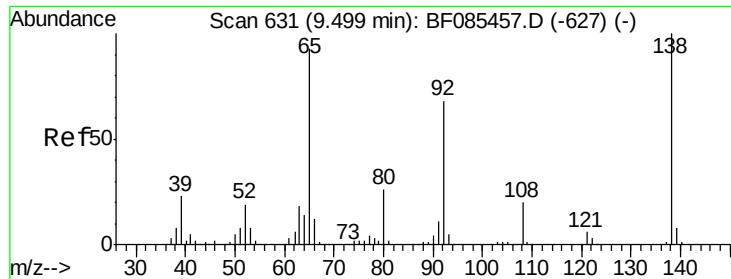
127 44.0 31.6 47.4

164 33.4 27.1 40.7



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





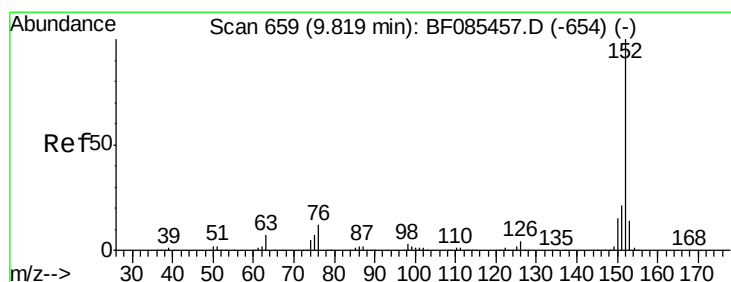
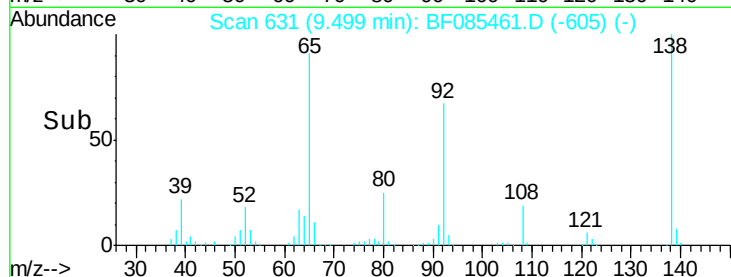
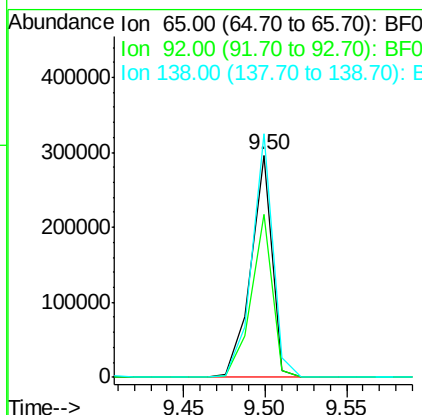
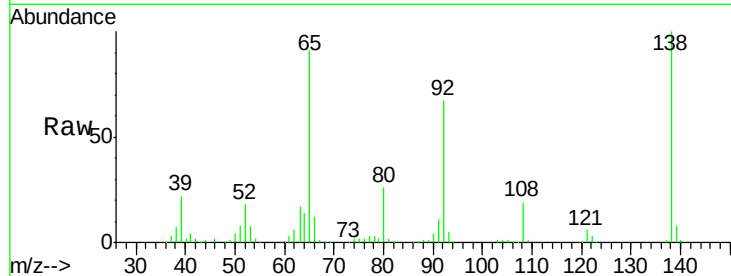
#47
2-Nitroaniline
Concen: 43.36 ng
RT: 9.50 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	267085		
92	73.5	55.4	83.2	
138	109.7	75.7	113.5	

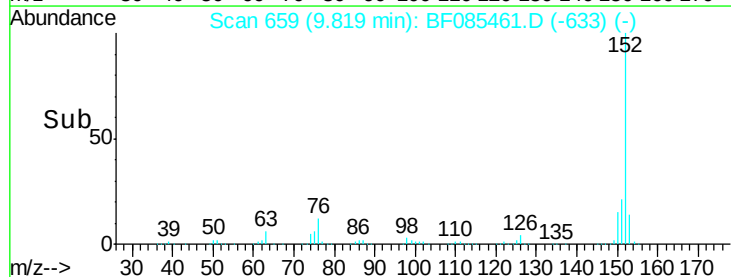
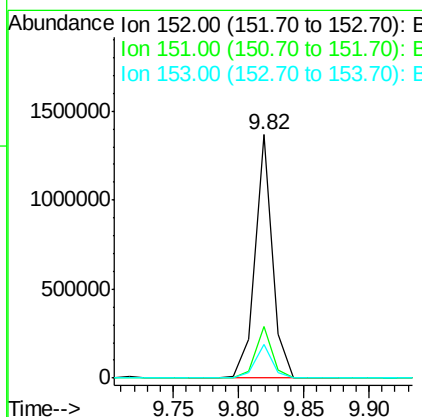
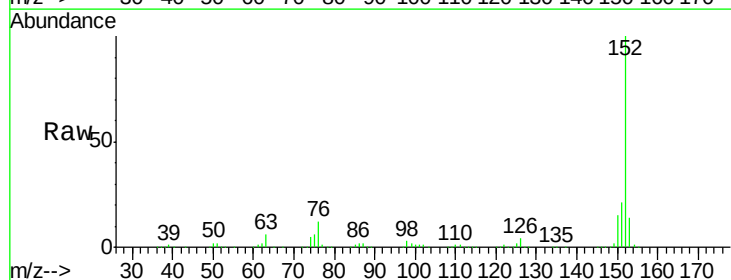
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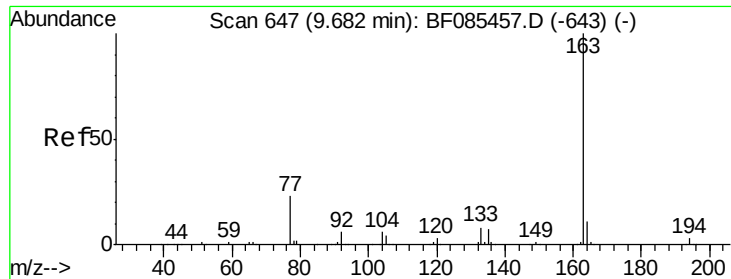
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#48
Acenaphthylene
Concen: 38.28 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1259730		
151	21.2	17.5	26.3	
153	13.9	11.3	16.9	





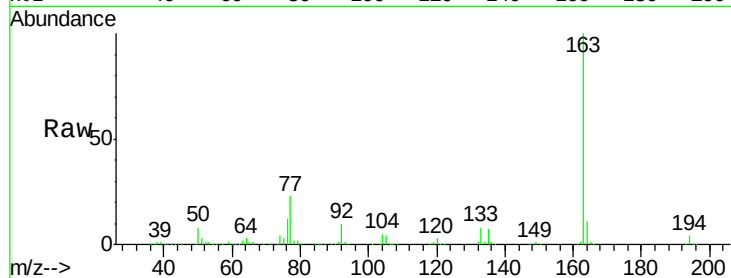
#49
Dimethylphthalate
Concen: 37.12 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

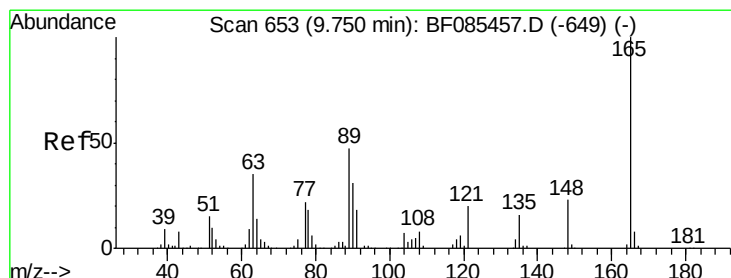
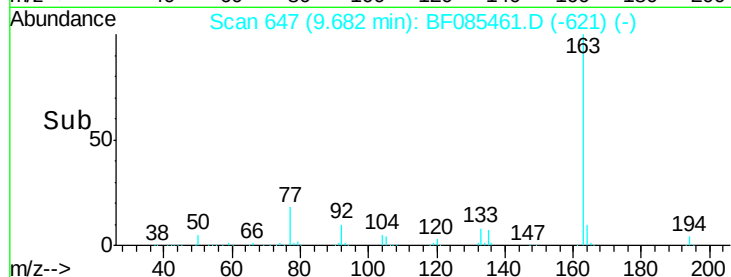
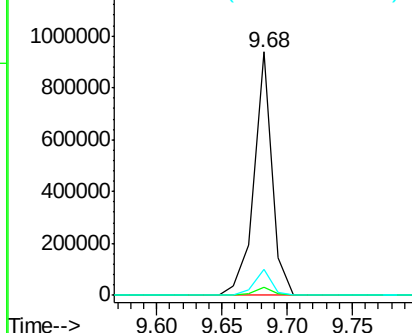
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	3.1	4.7
164	10.6	8.2	12.4

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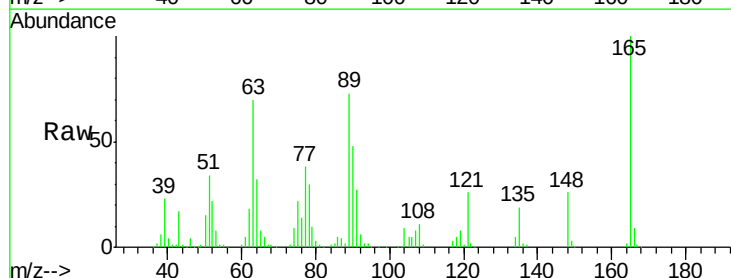


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

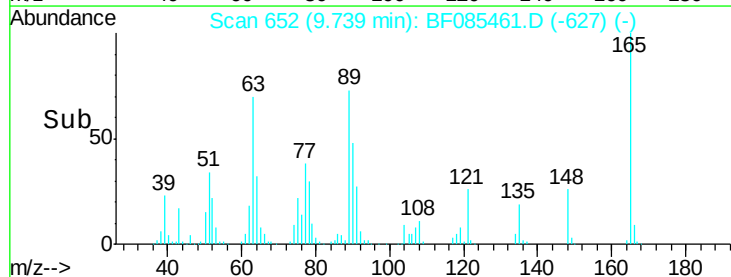
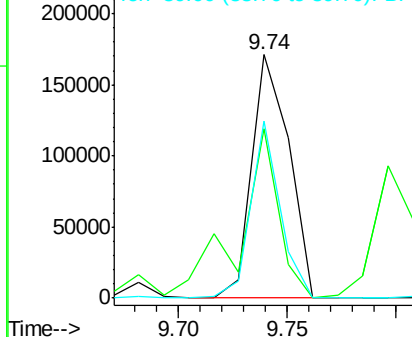


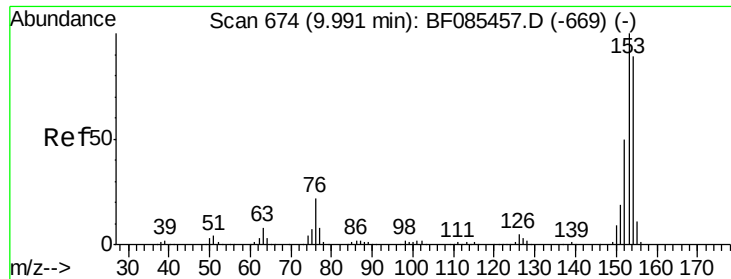
#50
2,6-Dinitrotoluene
Concen: 37.98 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	69.5	41.8	62.8#
89	72.6	46.7	70.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.64 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085461.D

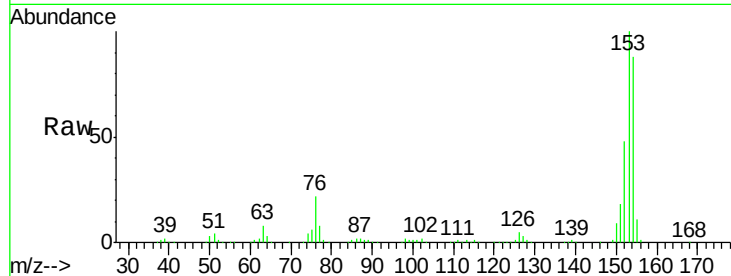
Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

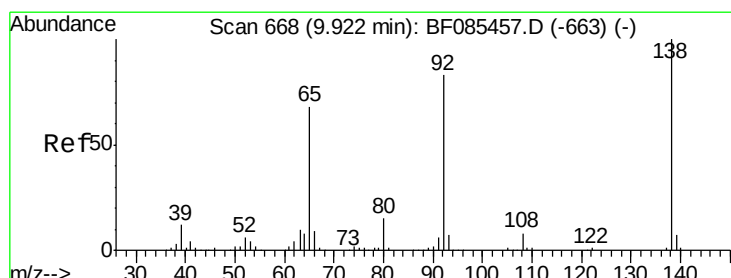
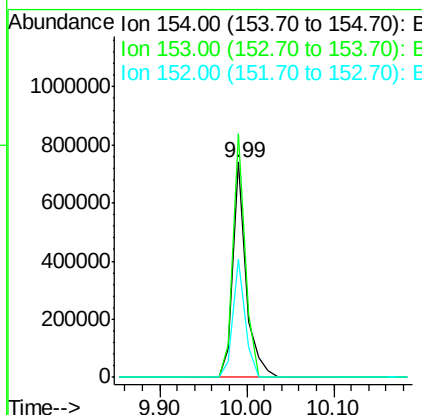
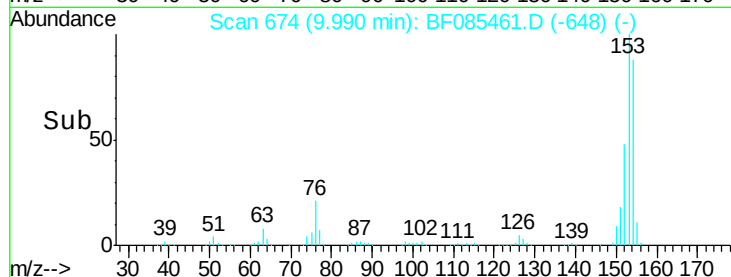
ICVBF031516



Tgt Ion:	154	Resp:	778692
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.8	134.8
152	54.7	44.6	66.8

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#52

3-Nitroaniline

Concen: 37.77 ng

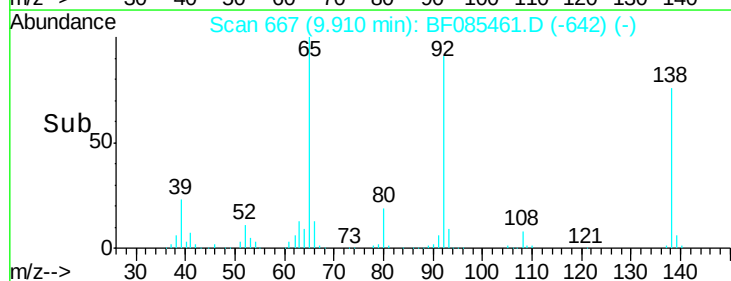
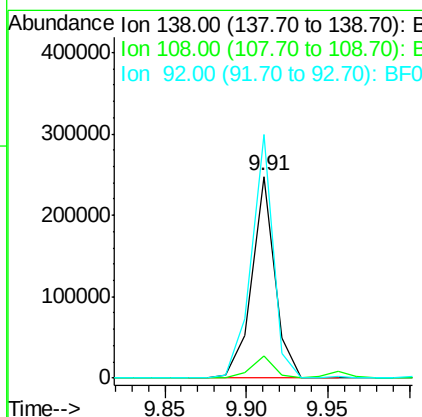
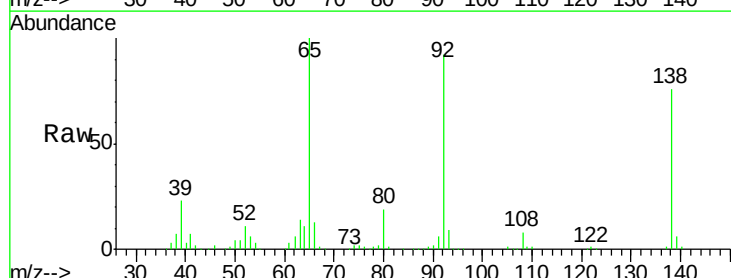
RT: 9.91 min Scan# 667

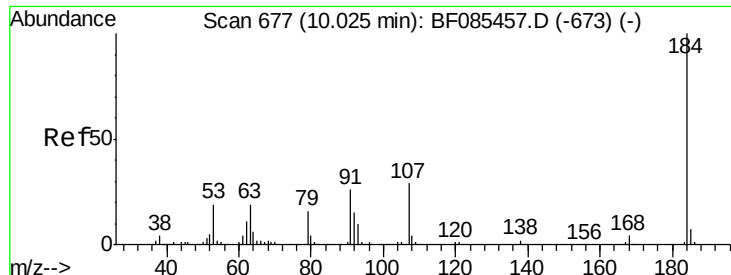
Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

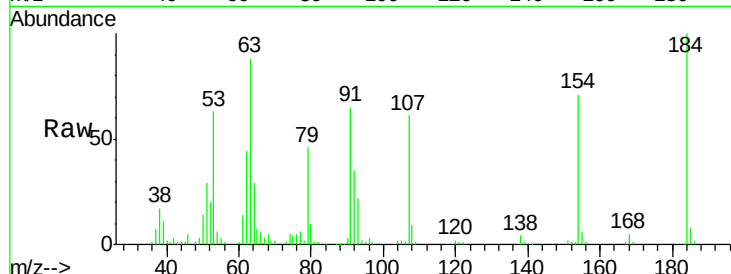
Tgt Ion:	138	Resp:	242136
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.8	11.6
92	120.7	81.3	121.9





#53
 2,4-Dinitrophenol
 Concen: 39.19 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

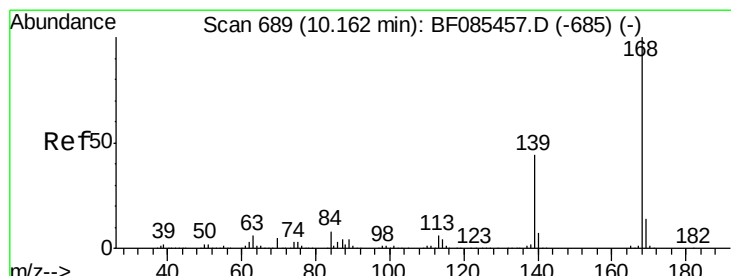
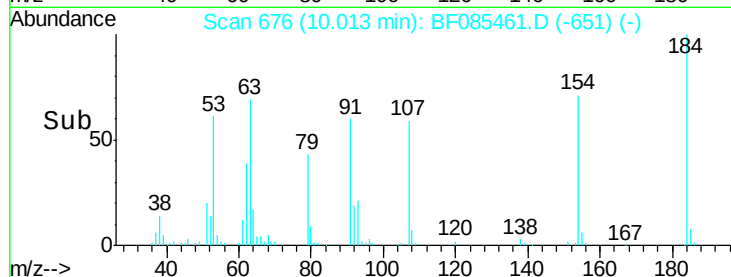
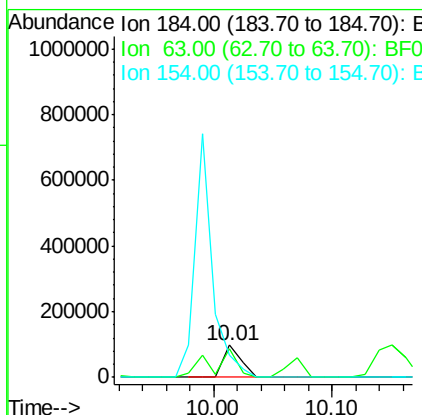
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	103810		
63	88.0	82.2	123.4	
154	71.3	108.9	163.3#	

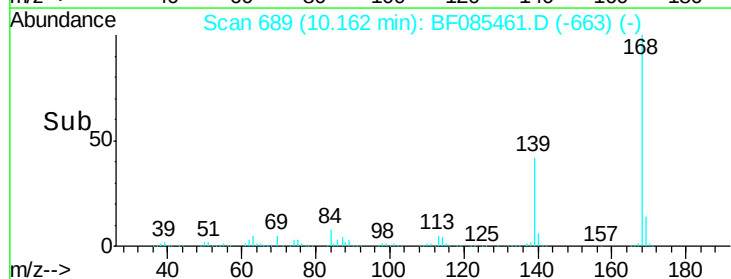
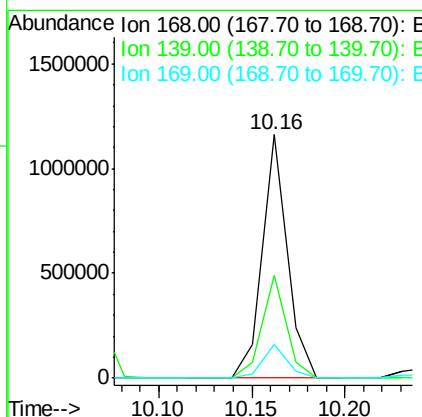
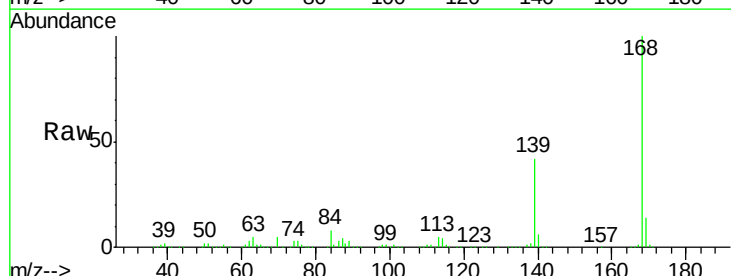
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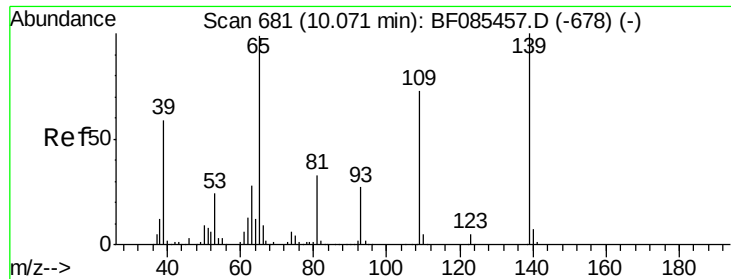
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#54
 Dibenzofuran
 Concen: 42.33 ng
 RT: 10.16 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1075946		
139	42.5	33.6	50.4	
169	14.0	11.2	16.8	





#55

4-Nitrophenol

Concen: 49.51 ng

RT: 10.07 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF085461.D

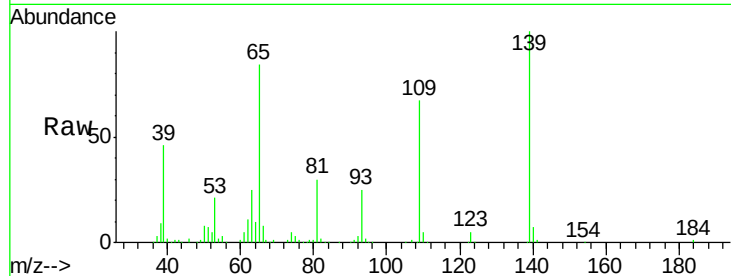
Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516



Tgt Ion:139 Resp: 218446

Ion Ratio Lower Upper

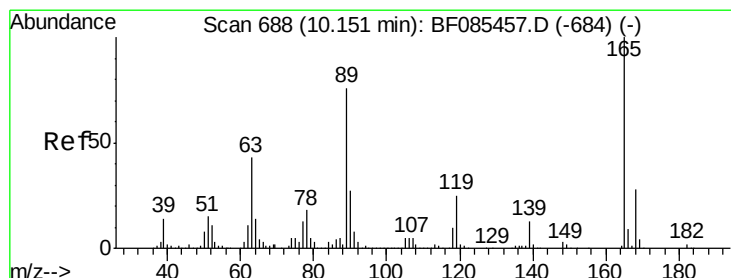
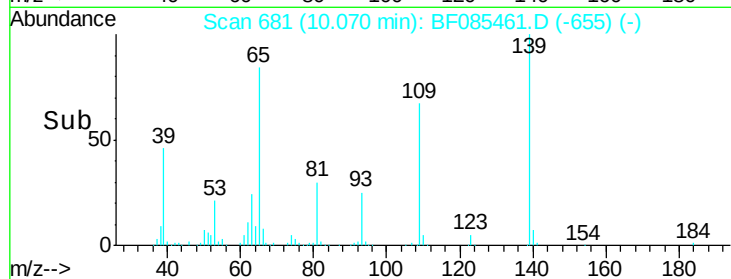
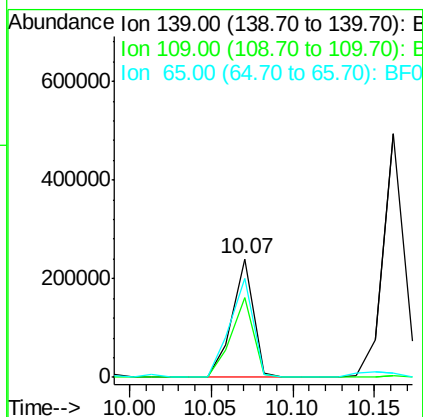
139 100

109 67.4 41.9 81.9

65 84.0 48.3 88.3

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#56

2,4-Dinitrotoluene

Concen: 48.15 ng

RT: 10.15 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:165 Resp: 323771

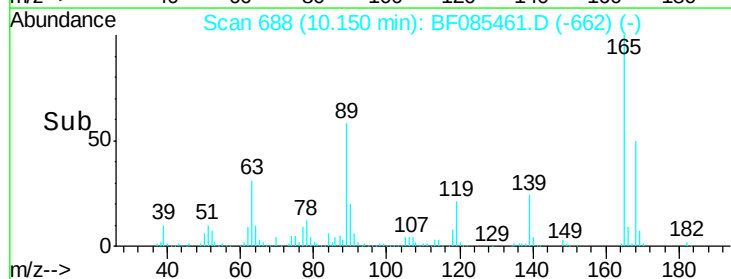
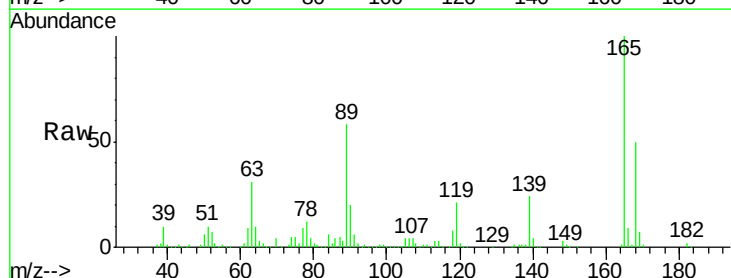
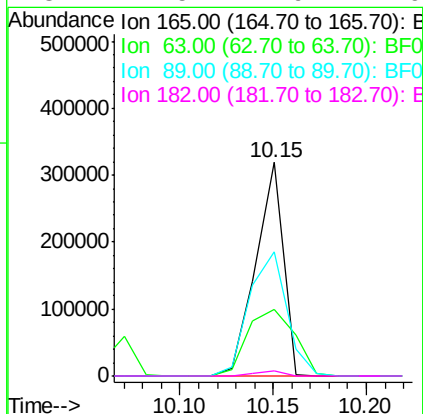
Ion Ratio Lower Upper

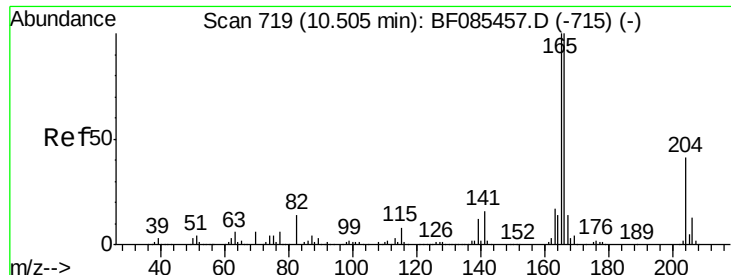
165 100

63 31.4 35.4 53.0#

89 58.2 61.9 92.9#

182 2.5 1.9 2.9





#57

Fluorene

Concen: 39.32 ng

RT: 10.50 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF085461.D

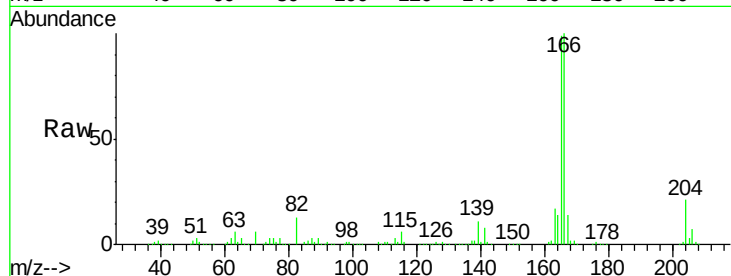
Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

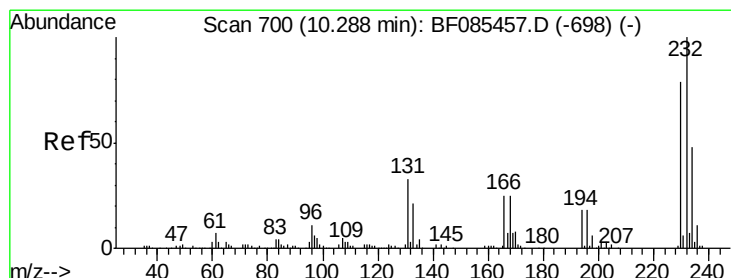
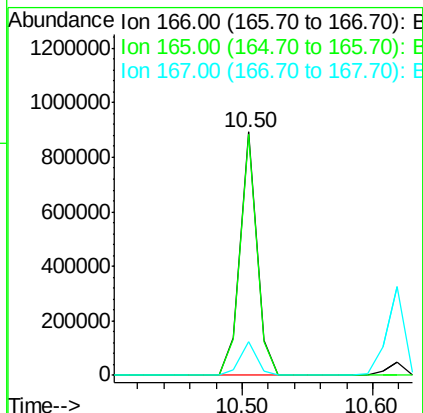
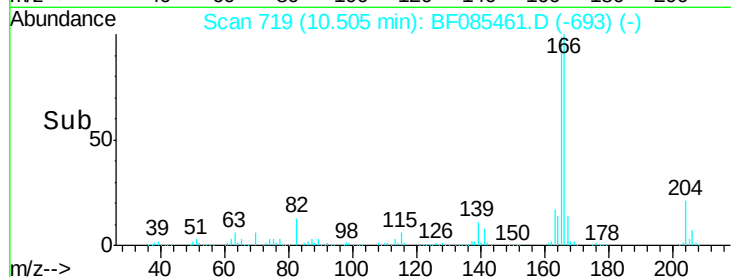
ICVBF031516



Tgt Ion:	166	Resp:	797014
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.4	119.0
167	13.8	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

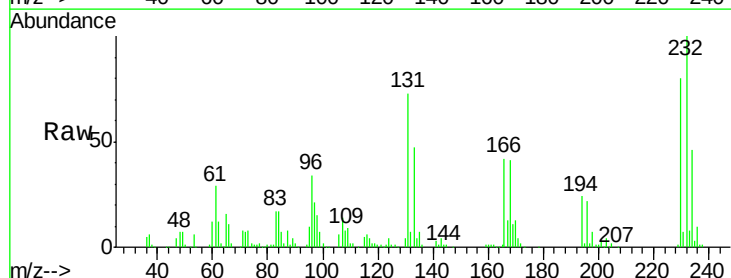
Concen: 42.65 ng

RT: 10.28 min Scan# 699

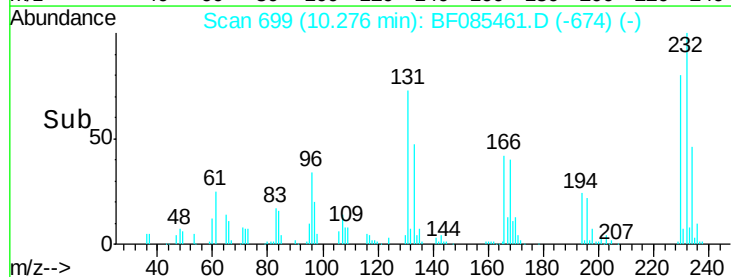
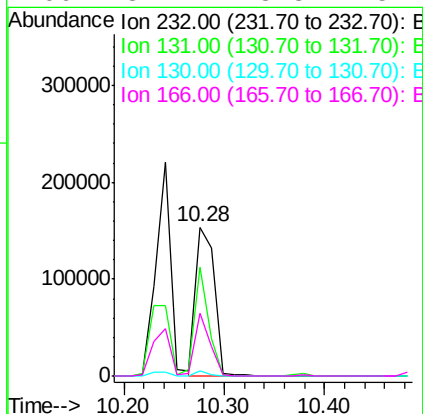
Delta R.T. -0.01 min

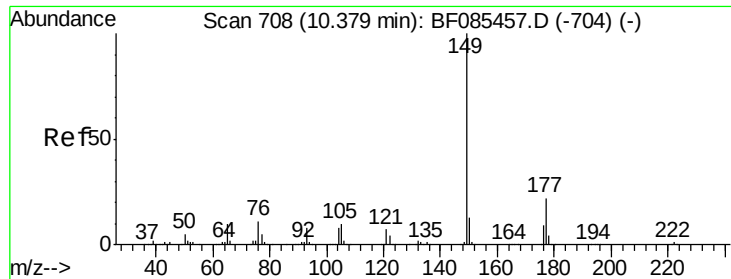
Lab File: BF085461.D

Acq: 15 Mar 2016 17:55



Tgt Ion:	232	Resp:	202117
Ion Ratio	Lower	Upper	
232	100		
131	54.7	46.0	69.0
130	2.8	2.2	3.4
166	34.2	28.8	43.2





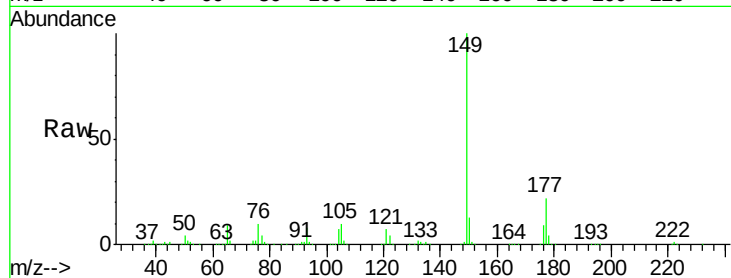
#59
Diethylphthalate
Concen: 40.49 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

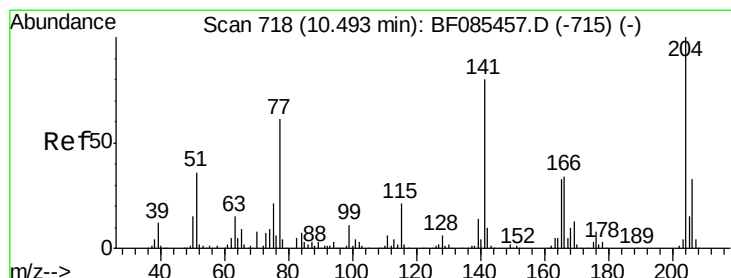
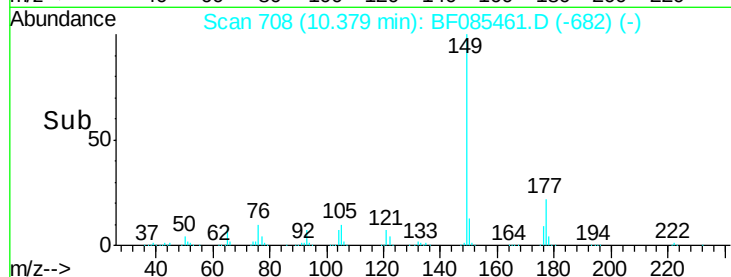
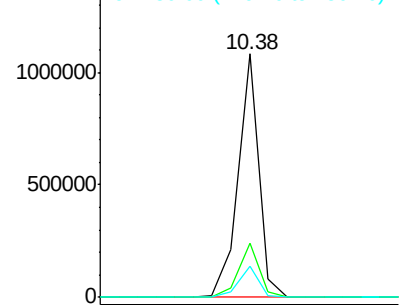
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	951057		
177	22.2	19.2	28.8	
150	12.9	9.9	14.9	

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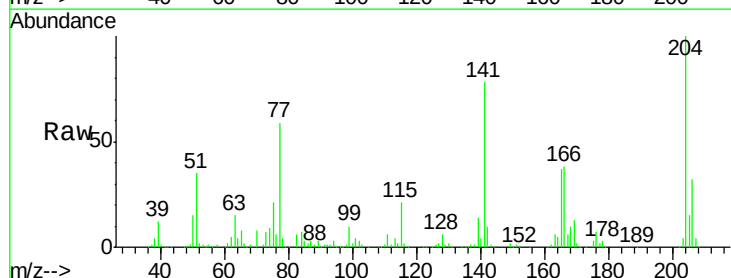


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

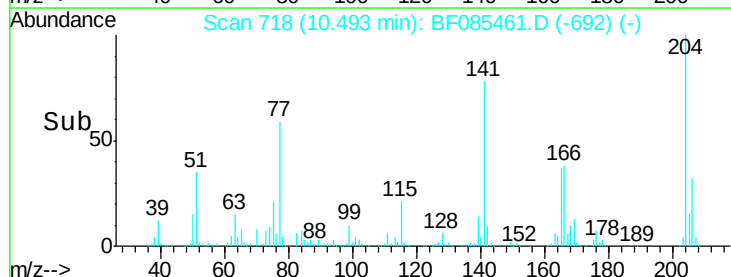
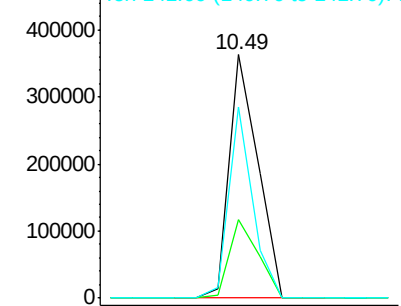


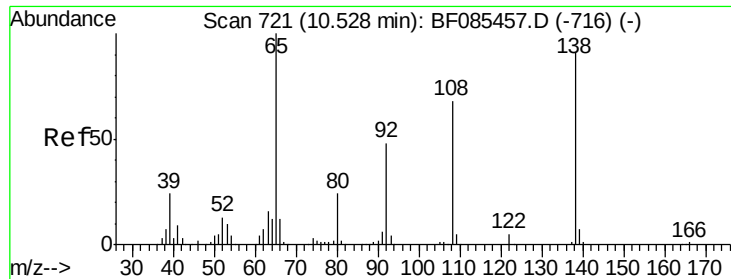
#60
4-Chlorophenyl-phenylether
Concen: 37.04 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	385761		
206	32.3	26.5	39.7	
141	78.4	55.4	83.2	



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





#61

4-Nitroaniline

Concen: 42.43 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF085461.D

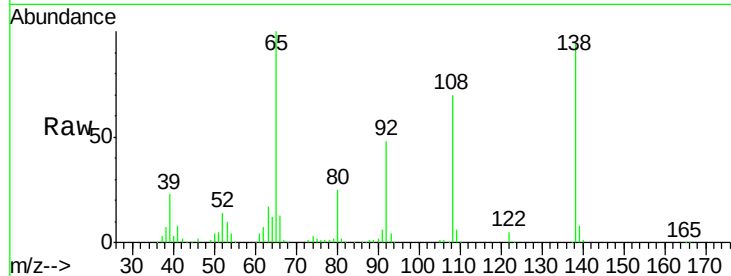
Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

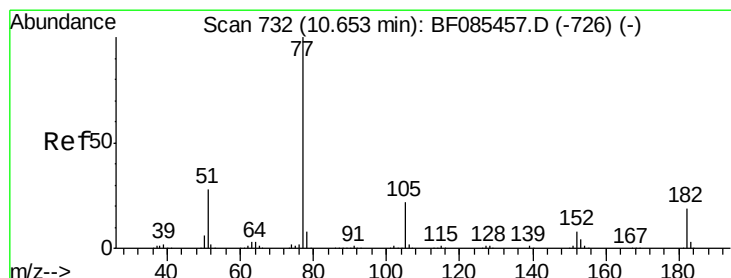
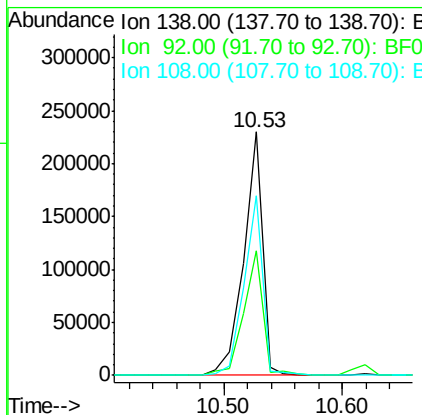
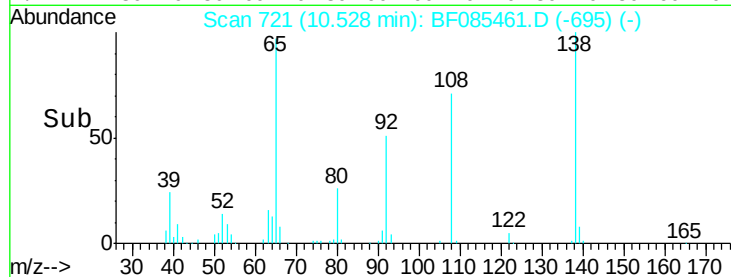
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Tgt Ion:	138	Resp:	255738
Ion Ratio	Lower	Upper	
138	100		
92	51.3	34.2	74.2
108	74.0	53.9	93.9

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#62

Azobenzene

Concen: 42.89 ng

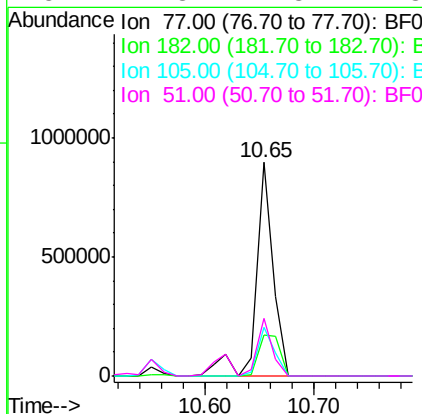
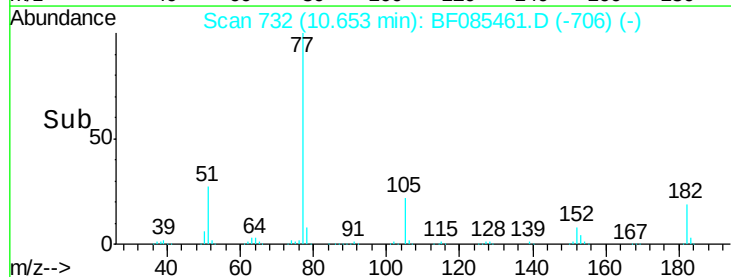
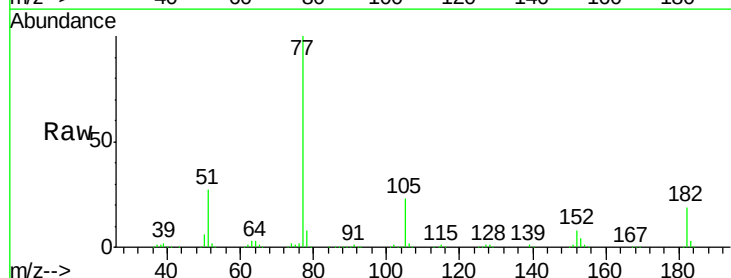
RT: 10.65 min Scan# 732

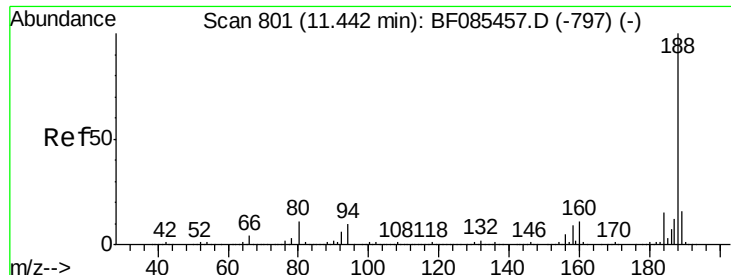
Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:	77	Resp:	1000520
Ion Ratio	Lower	Upper	
77	100		
182	18.9	2.1	42.1
105	22.5	3.8	43.8
51	27.3	7.8	47.8





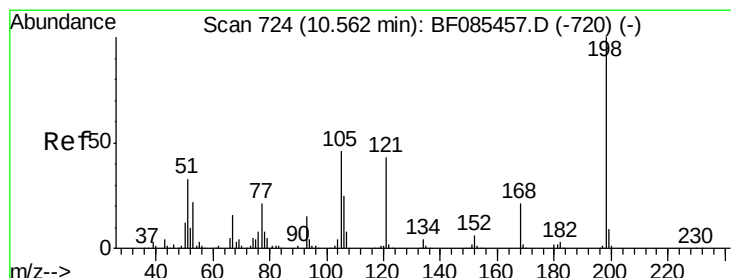
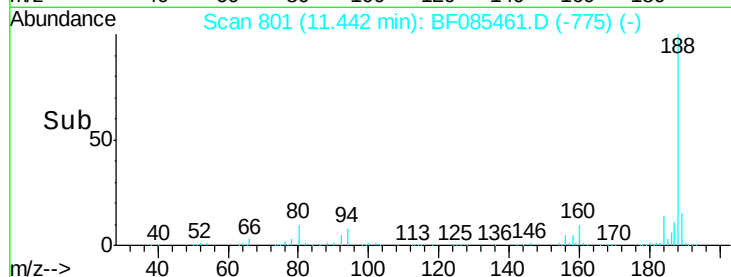
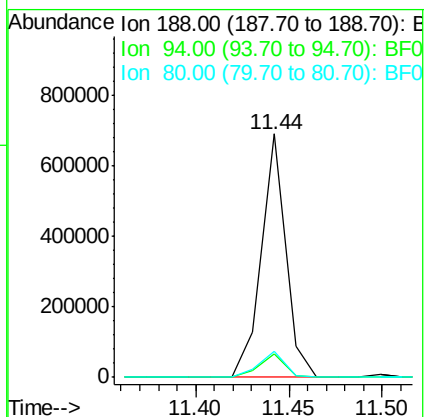
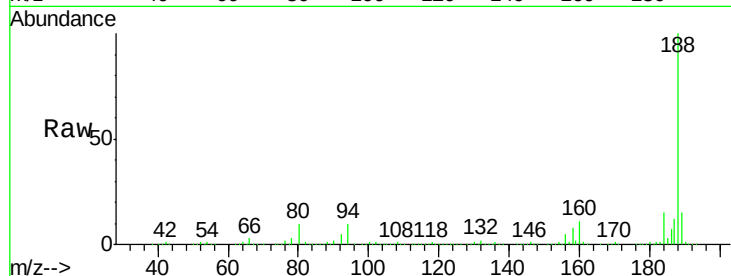
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	7.0	10.6
80	10.5	7.4	11.0

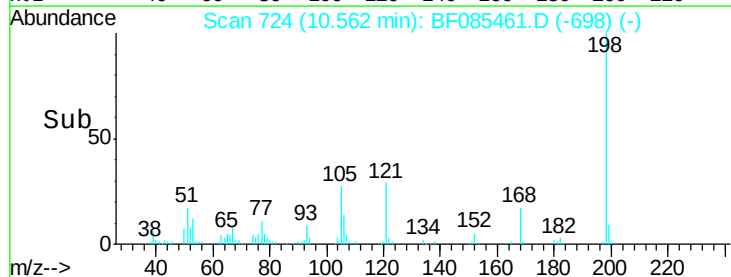
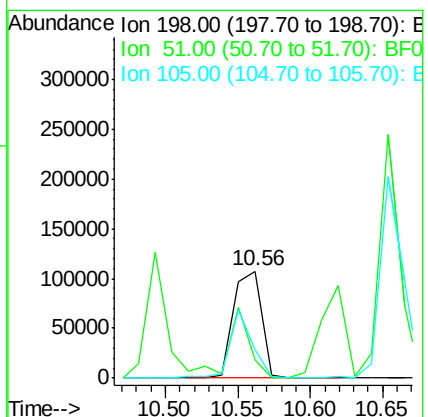
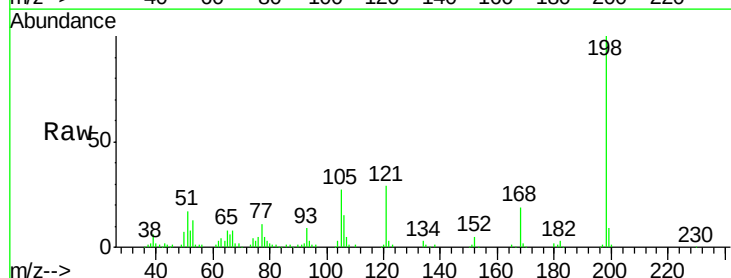
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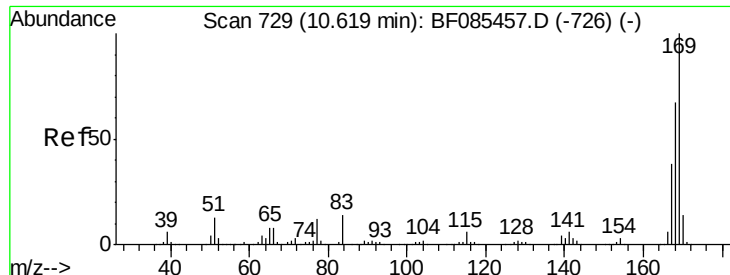
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.90 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

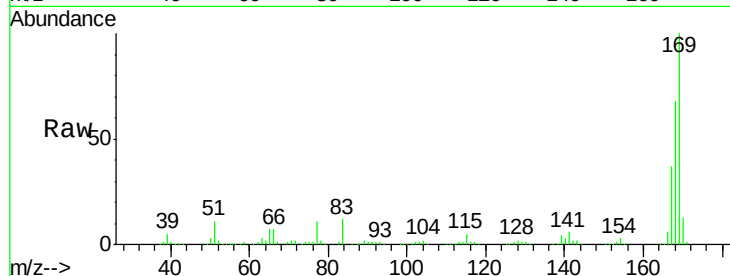
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	17.0	9.5	49.5
105	26.8	20.5	60.5





#65
n-Nitrosodiphenylamine
Concen: 42.40 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

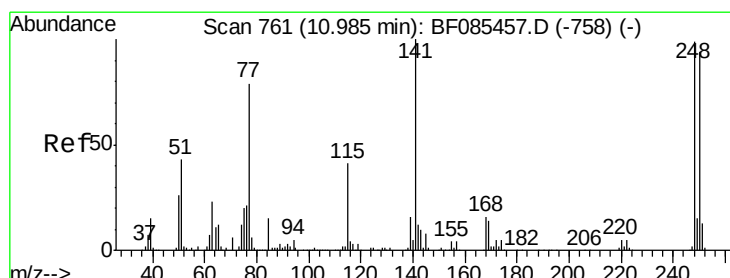
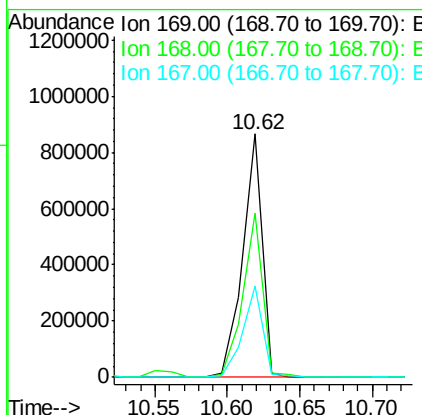
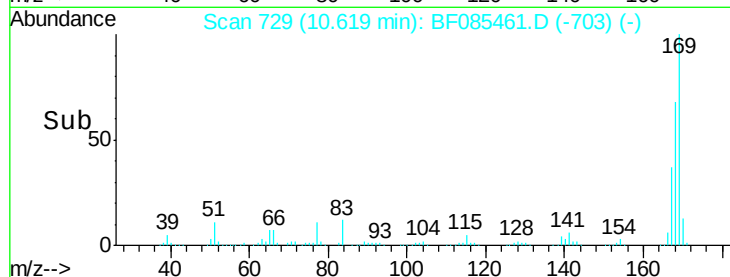
Instrument :
BNA_F
ClientSampleId :
ICVBF031516



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	813705		
168	67.7	54.8	82.2	
167	37.5	30.3	45.5	

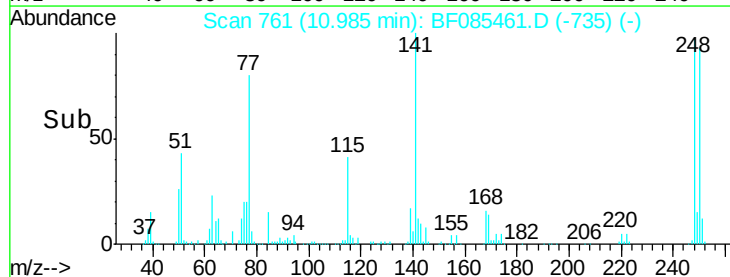
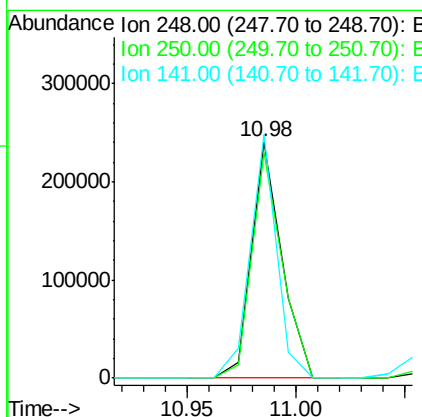
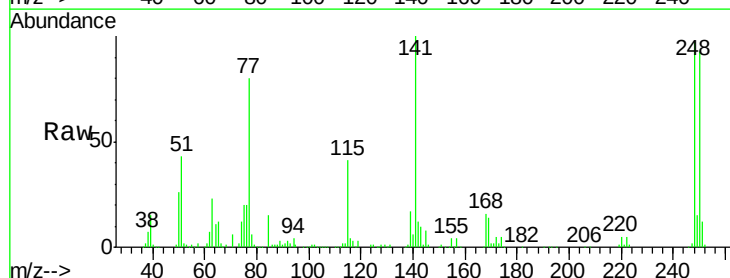
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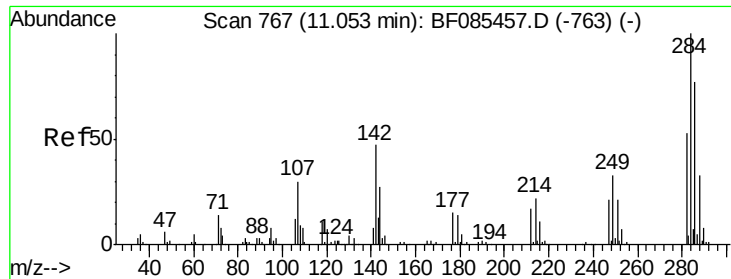
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#66
4-Bromophenyl-phenylether
Concen: 36.87 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	232383		
250	95.7	77.1	115.7	
141	103.1	66.2	99.2#	





#67

Hexachlorobenzene

Concen: 38.50 ng

RT: 11.05 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF085461.D

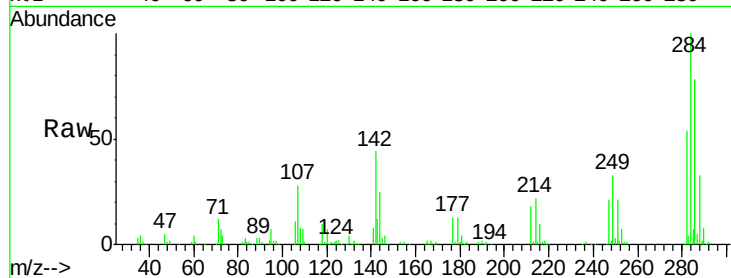
Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

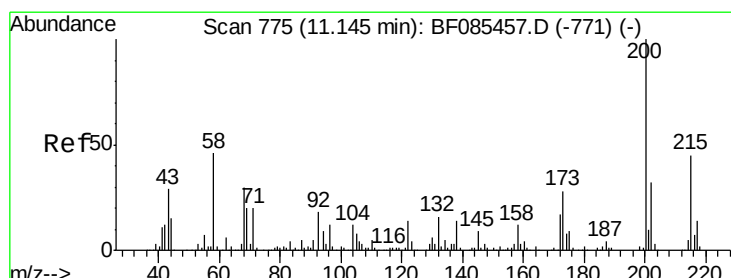
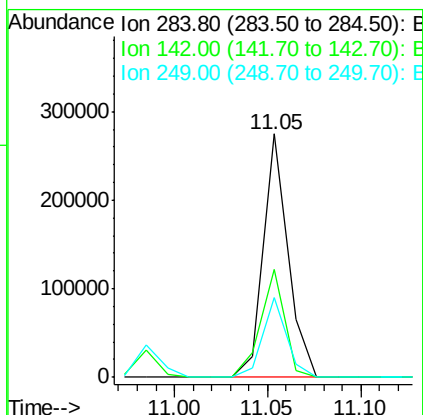
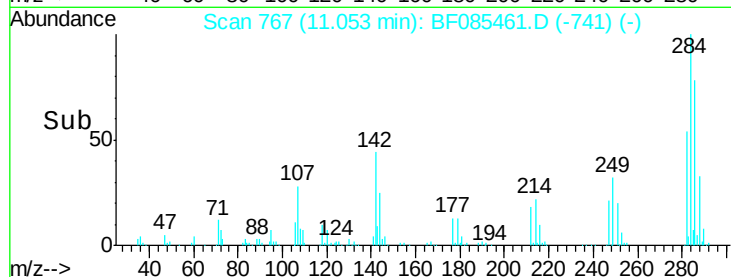
ICVBF031516



Tgt Ion:	284	Resp:	250426
Ion Ratio	Lower	Upper	
284	100		
142	44.4	24.9	37.3#
249	32.9	25.0	37.4

Manual Integrations
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#68

Atrazine

Concen: 34.30 ng

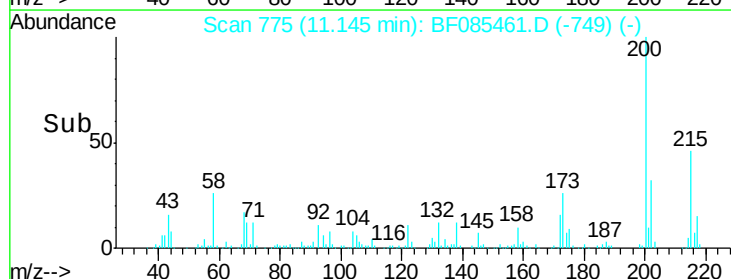
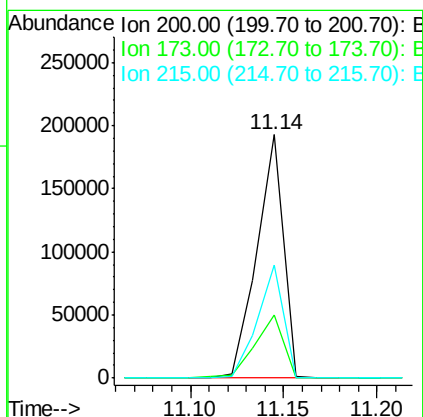
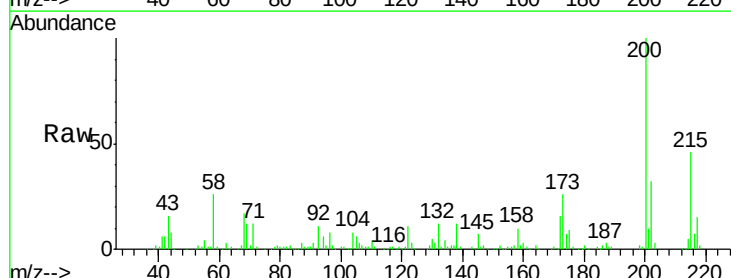
RT: 11.14 min Scan# 775

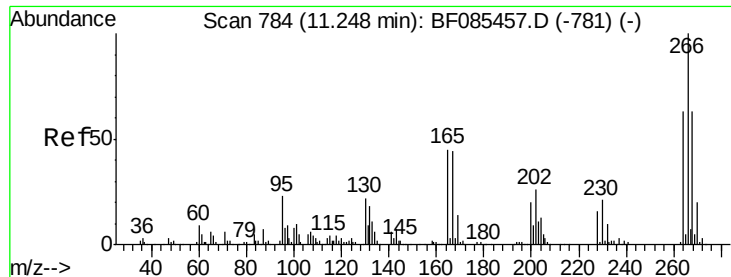
Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:	200	Resp:	188377
Ion Ratio	Lower	Upper	
200	100		
173	26.0	10.5	50.5
215	46.2	23.4	63.4





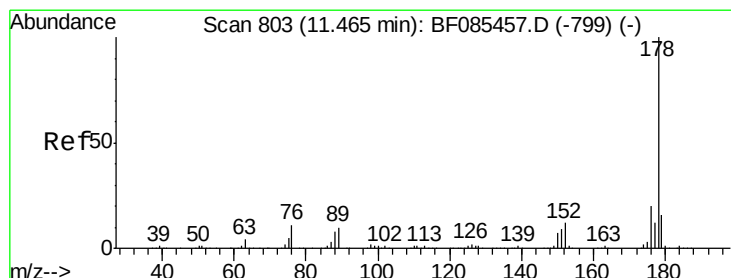
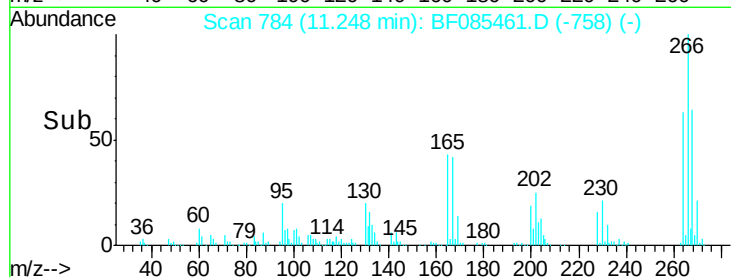
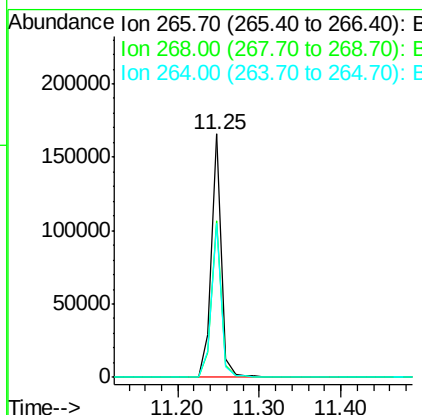
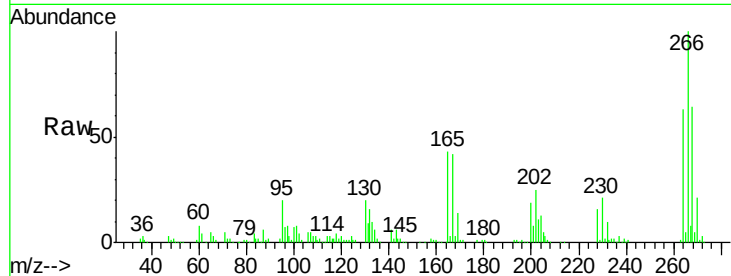
#69
 Pentachlorophenol
 Concen: 42.66 ng
 RT: 11.25 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.0	75.0
264	63.5	51.4	77.2

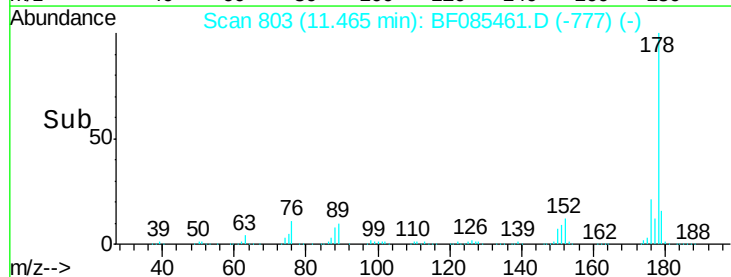
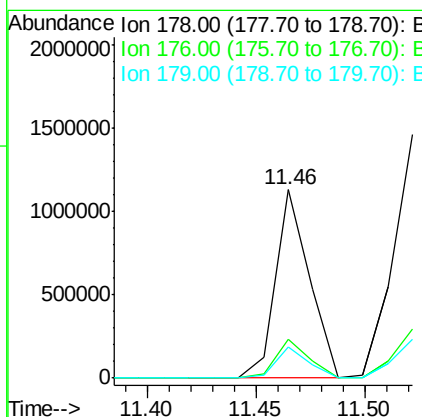
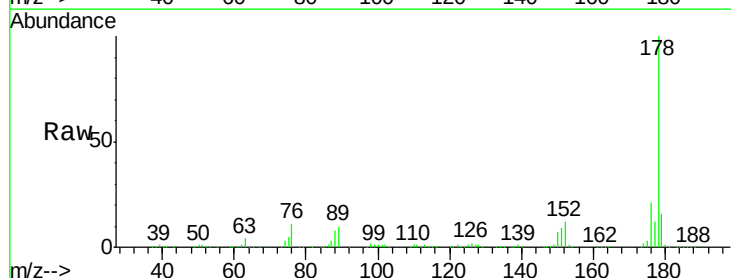
Manual Integrations
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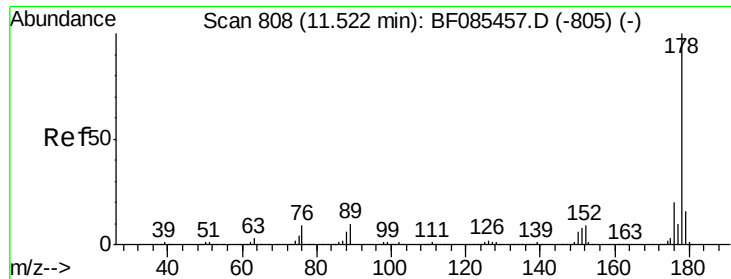
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#70
 Phenanthrene
 Concen: 38.01 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.8	25.2
179	16.2	13.1	19.7





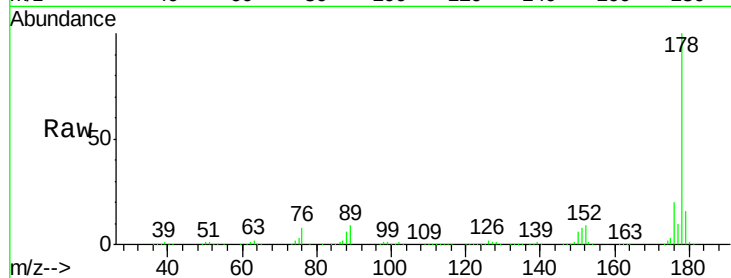
#71
 Anthracene
 Concen: 42.77 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

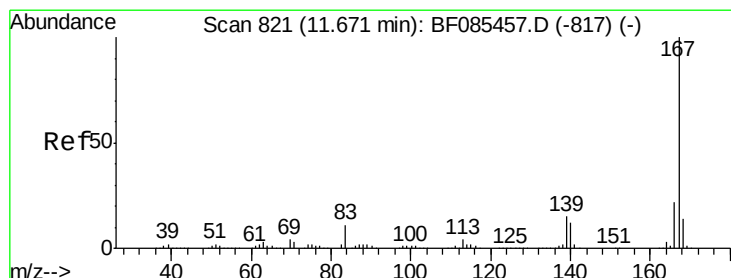
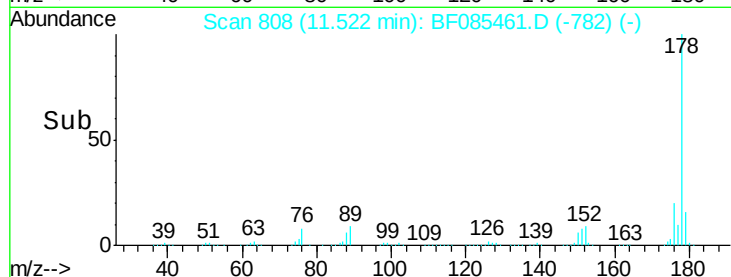
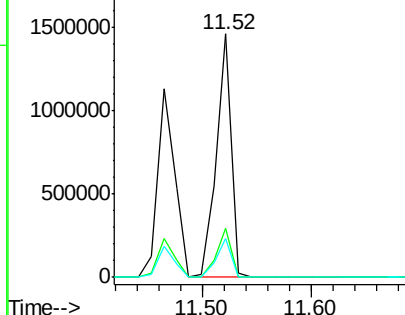
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.0	12.5	18.7

Manual Integrations
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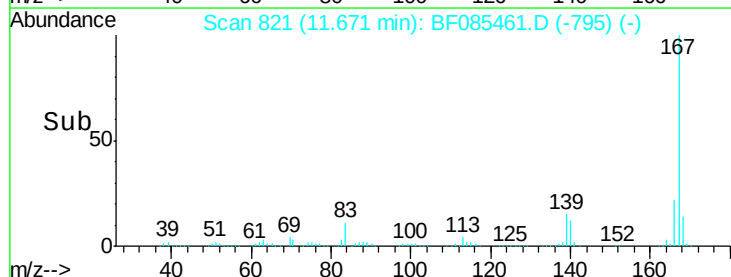
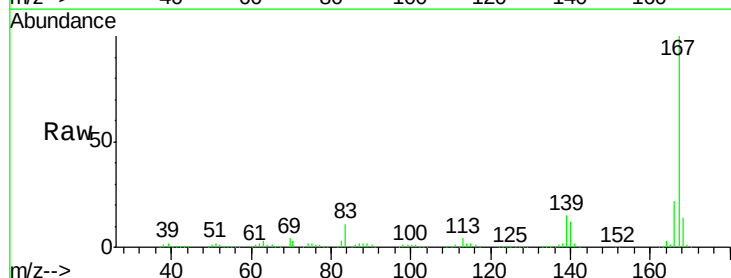
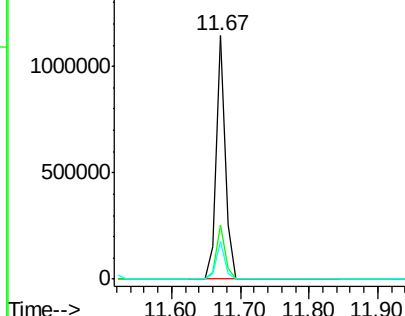
Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

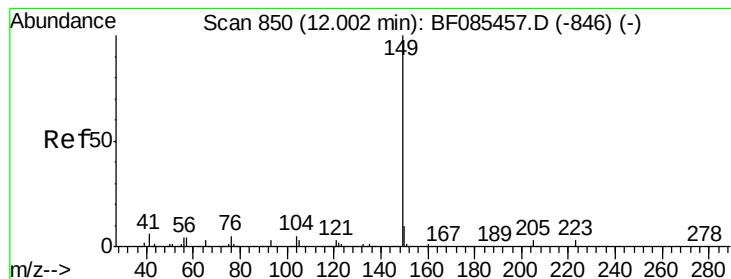


#72
 Carbazole
 Concen: 38.41 ng
 RT: 11.67 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	15.3	11.4	17.0

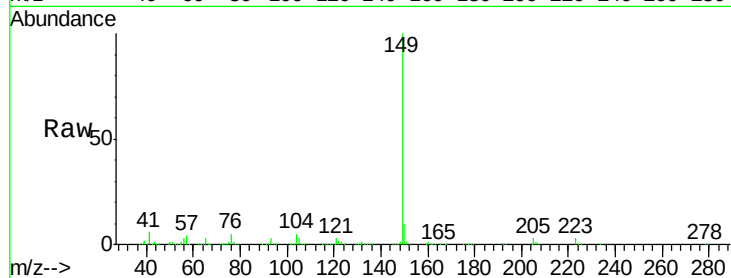
Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73
Di-n-butylphthalate
Concen: 40.07 ng
RT: 12.00 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

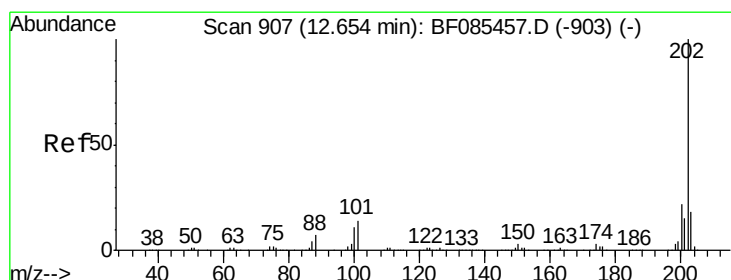
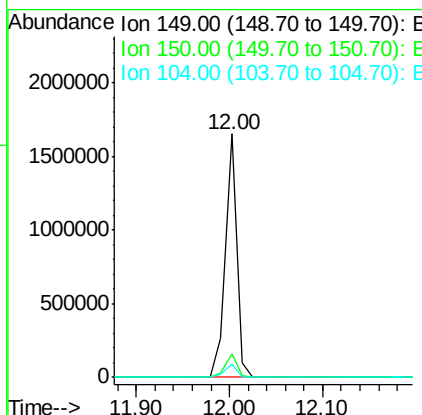
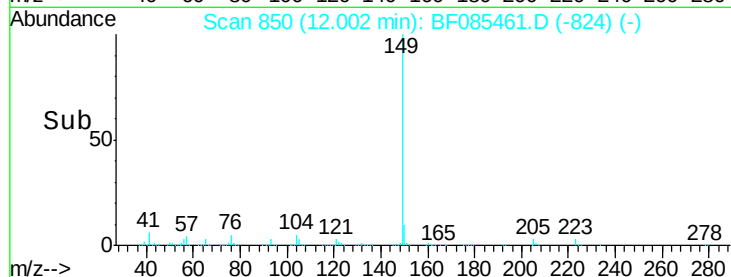
Instrument :
BNA_F
ClientSampleId :
ICVBF031516



Tgt Ion:149 Resp: 1387866
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.2 4.7 7.1

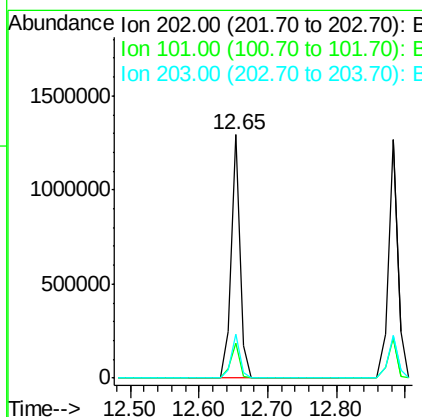
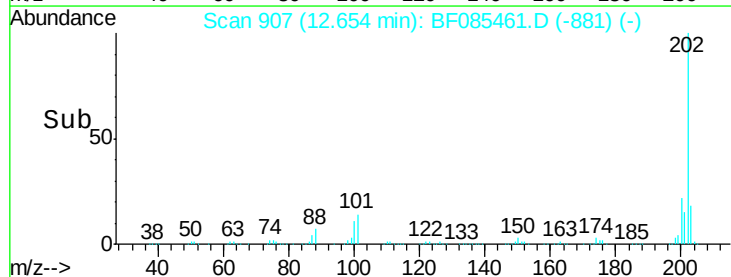
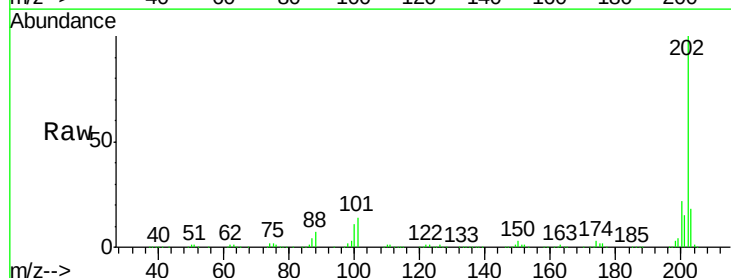
Manual Integrations
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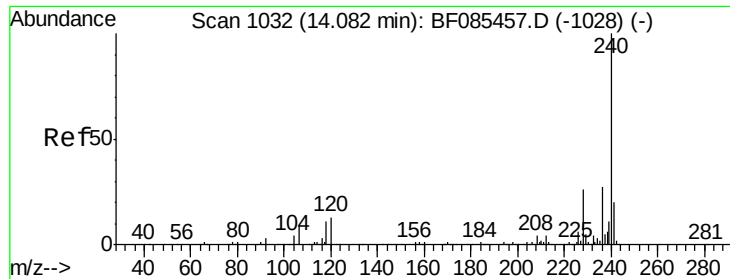
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#74
Fluoranthene
Concen: 38.89 ng
RT: 12.65 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion:202 Resp: 1185888
Ion Ratio Lower Upper
202 100
101 14.4 0.0 31.8
203 18.2 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

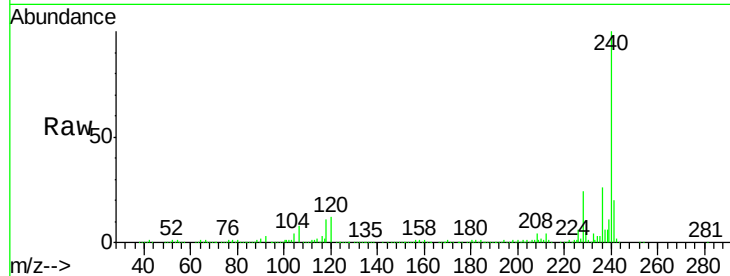
ClientSampleId :

ICVBF031516

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.3	7.9#
236	26.2	20.7	31.1

Manual Integrations
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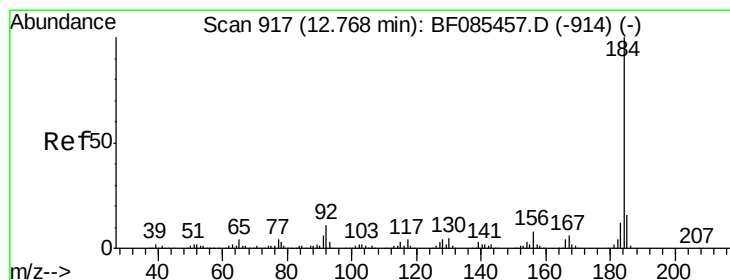
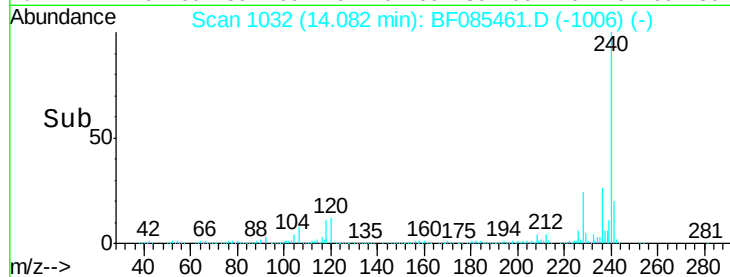
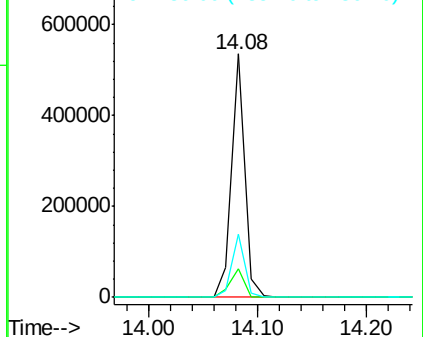
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.08 ng

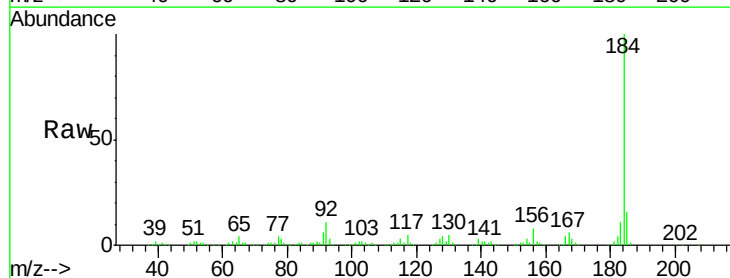
RT: 12.77 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

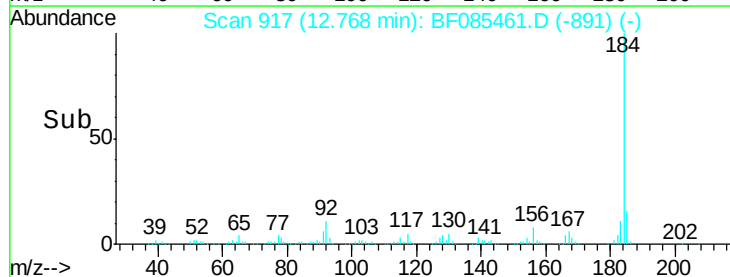
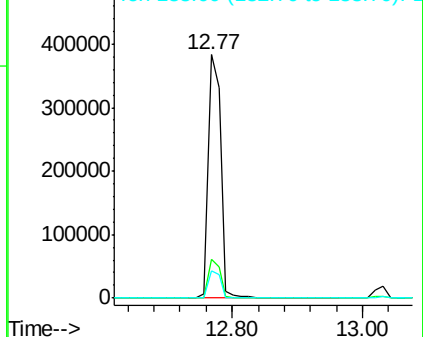
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.4	18.6
183	11.3	9.4	14.2

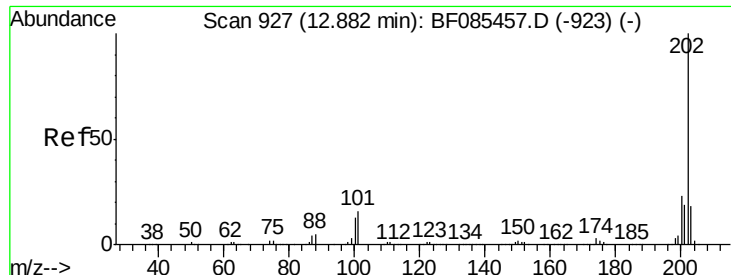


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





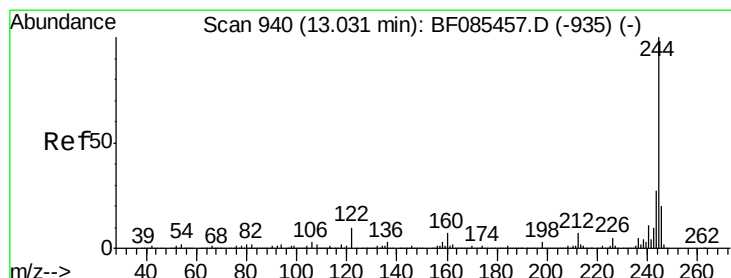
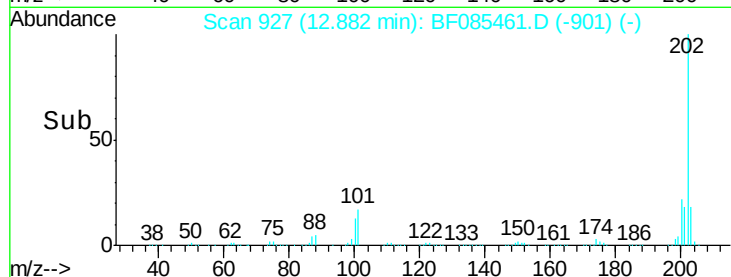
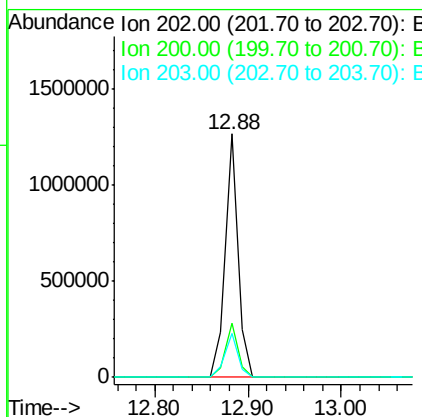
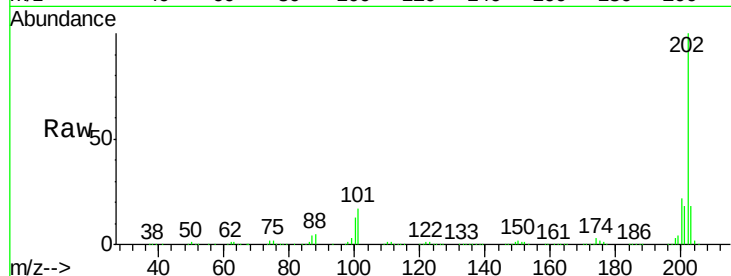
#77
Pyrene
 Concen: 36.27 ng
 RT: 12.88 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.4
203	18.1	14.7	22.1

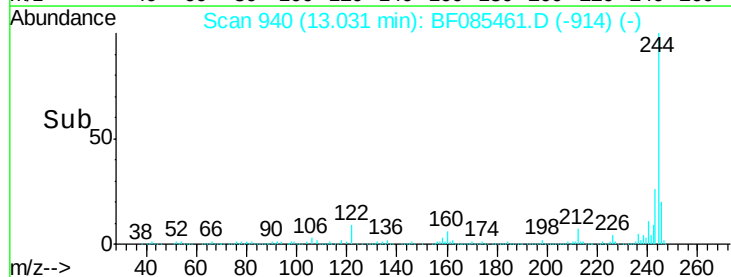
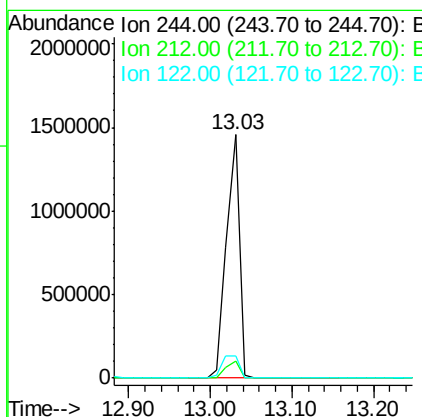
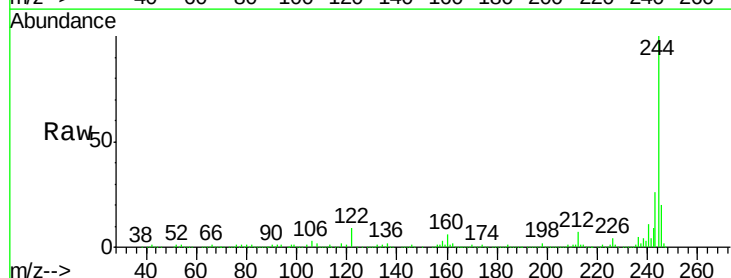
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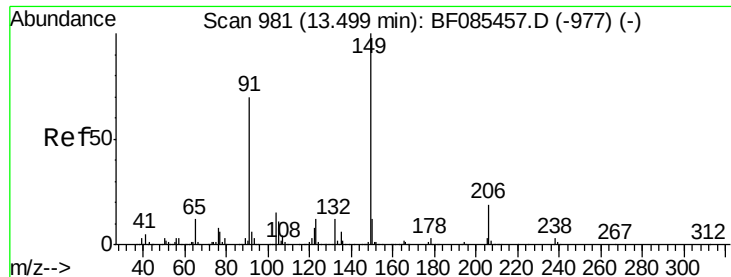
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#78
Terphenyl-d14
 Concen: 80.58 ng
 RT: 13.03 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	9.0	11.4	17.2





#79

Butylbenzylphthalate

Concen: 39.62 ng

RT: 13.50 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF085461.D

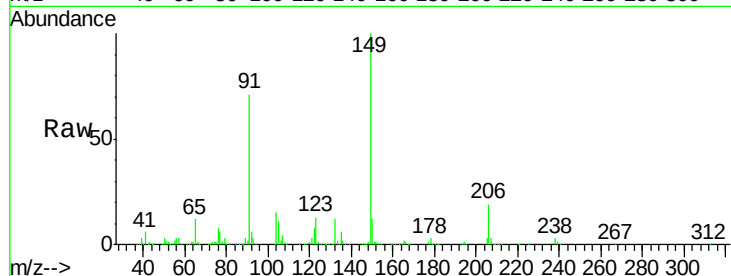
Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

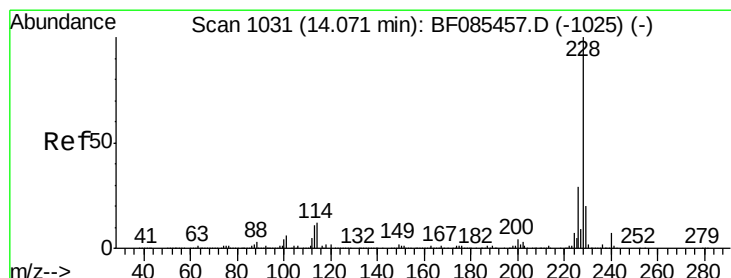
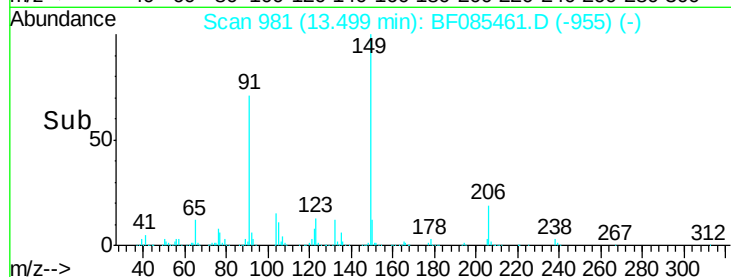
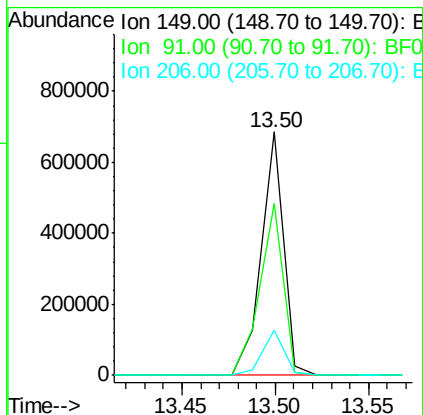
ICVBF031516



Tgt Ion:	149	Resp:	577523
Ion Ratio	Lower	Upper	
149	100		
91	70.8	69.0	103.4
206	18.6	12.3	18.5#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 39.33 ng

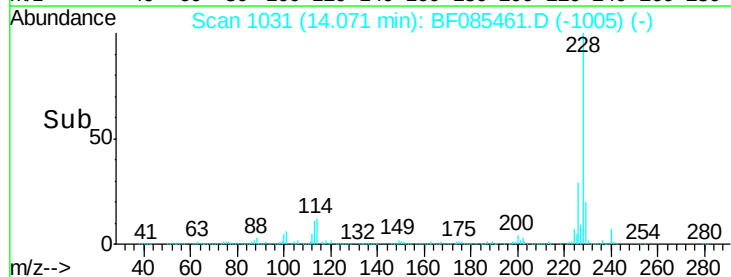
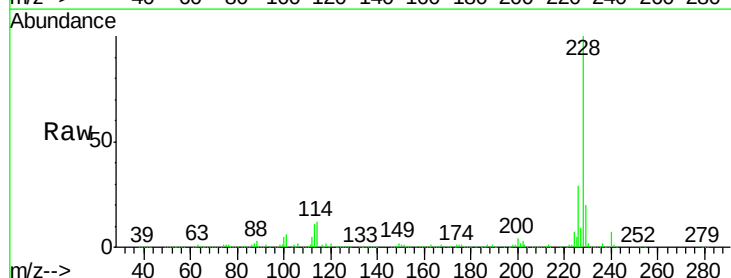
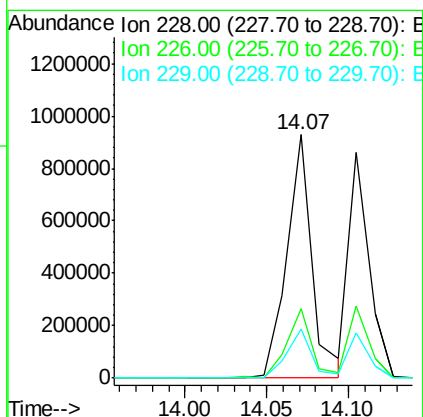
RT: 14.07 min Scan# 1031

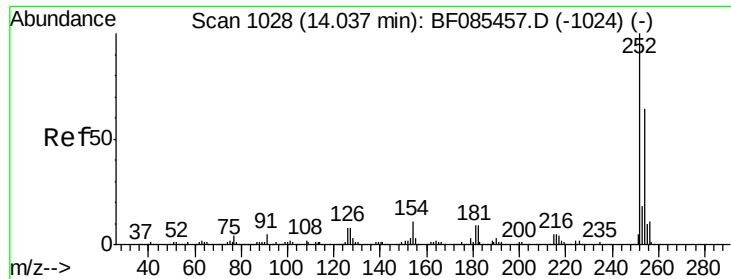
Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:	228	Resp:	1002263
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.8	34.2
229	20.0	16.6	24.8





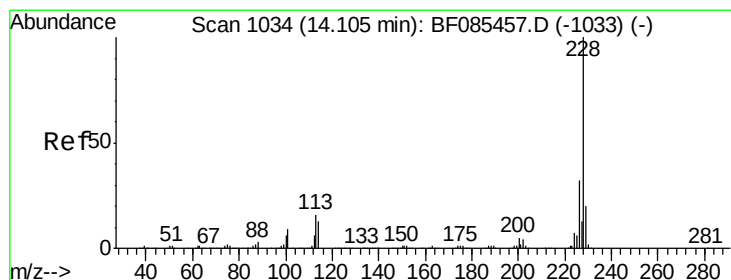
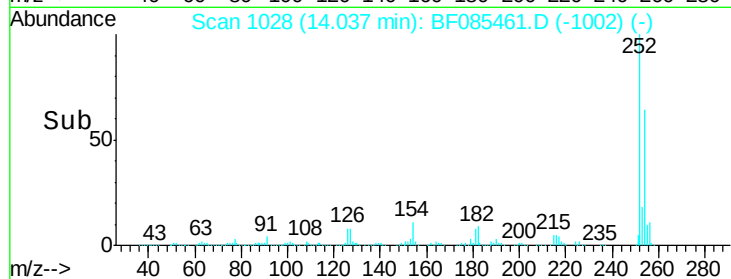
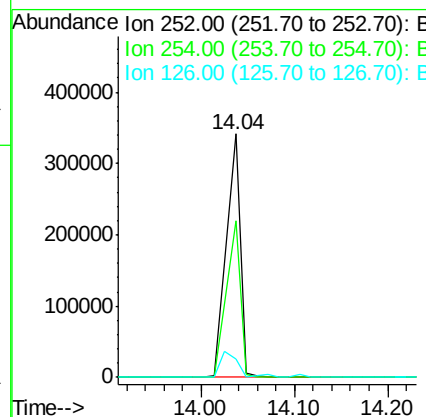
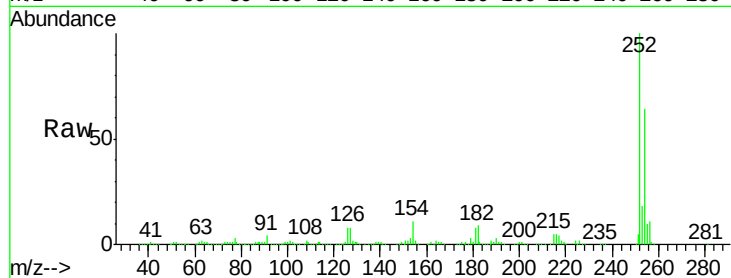
#81
 3,3'-Dichlorobenzidine
 Concen: 40.92 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	51.4	77.0
126	7.6	12.9	19.3

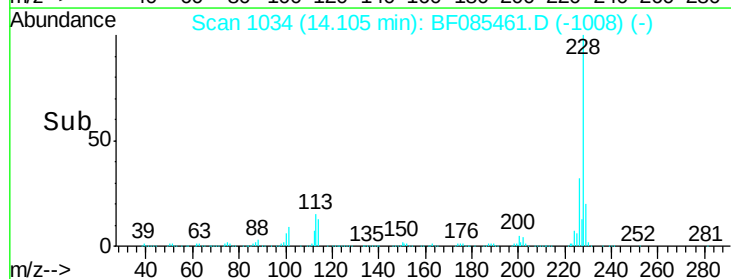
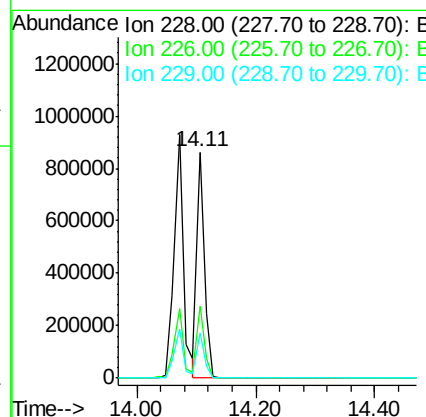
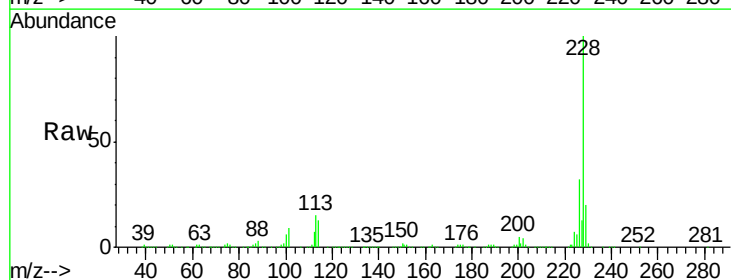
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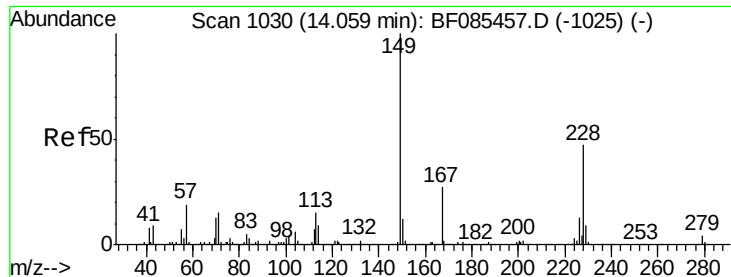
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#82
 Chrysene
 Concen: 33.82 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.8	25.2	37.8
229	20.2	16.0	24.0





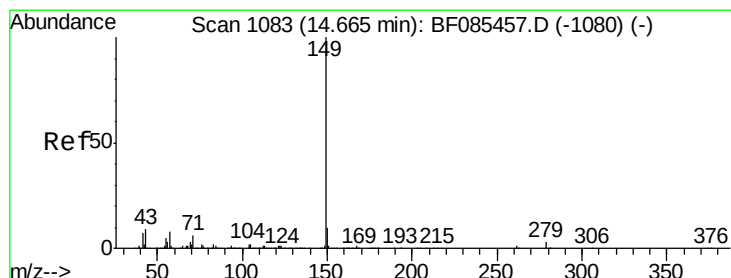
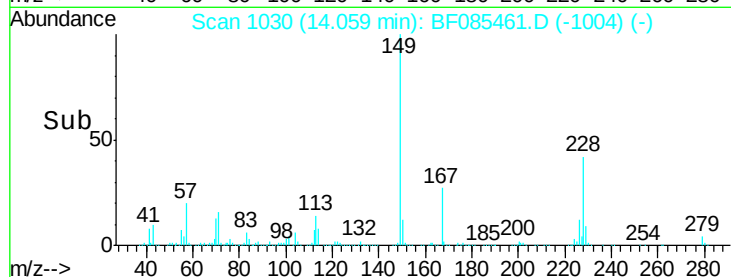
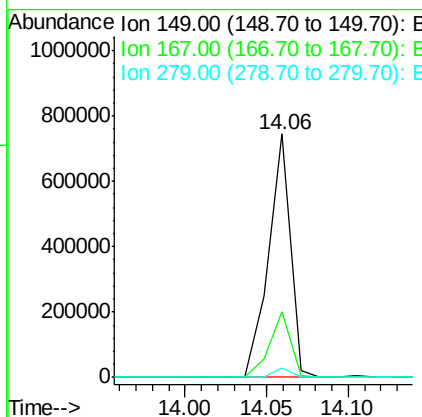
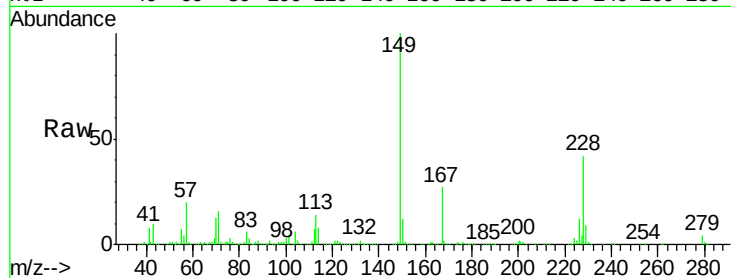
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.41 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.3	30.5
279	3.8	1.9	2.9#

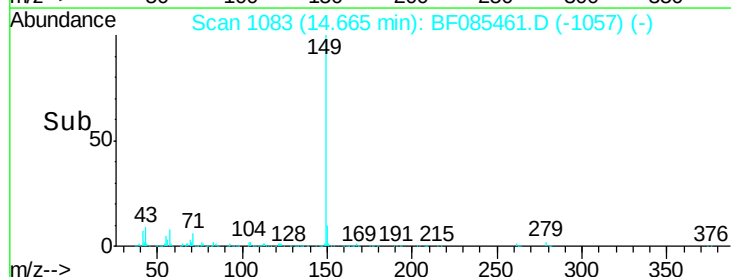
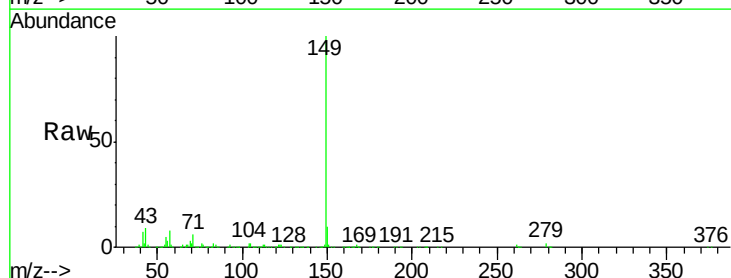
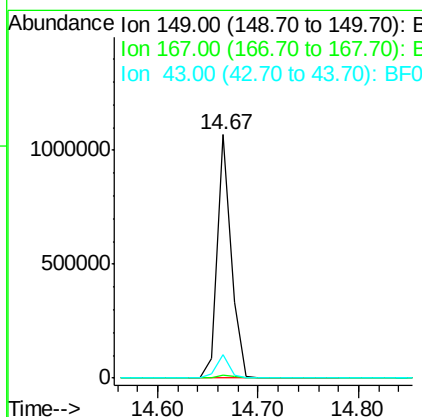
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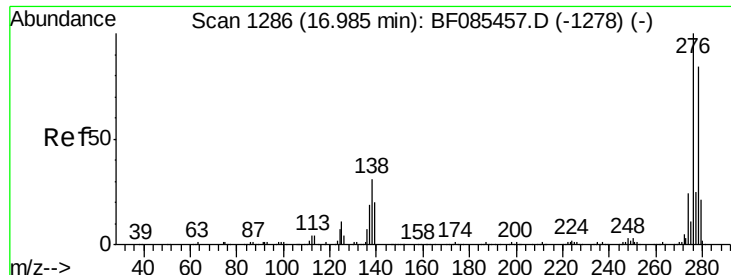
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#84
 Di-n-octyl phthalate
 Concen: 39.68 ng
 RT: 14.67 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.4	7.8	11.8





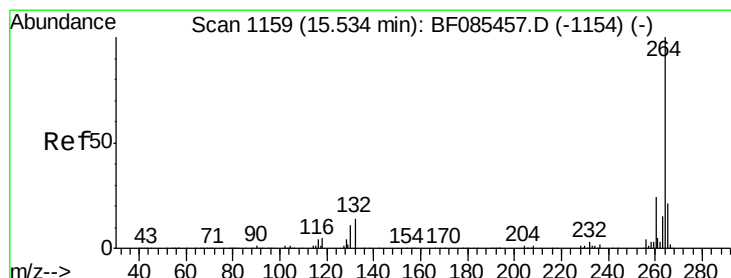
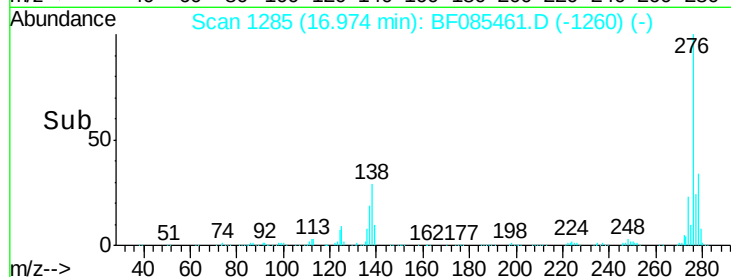
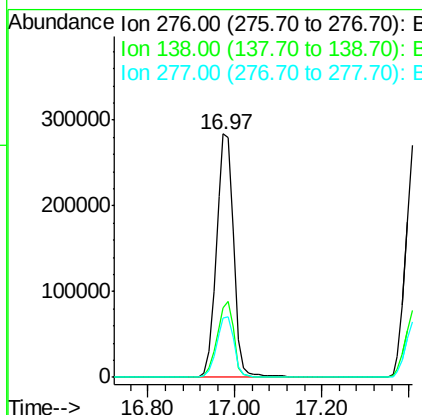
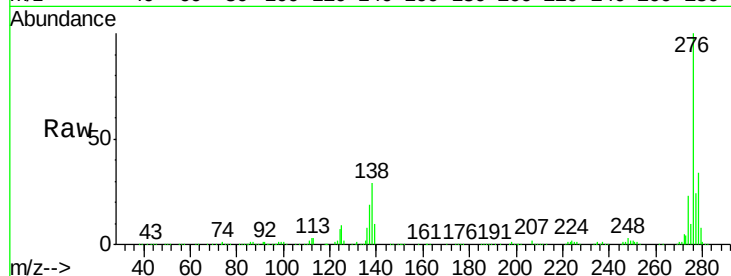
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.79 ng
 RT: 16.97 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	26.4	39.6
277	25.1	20.2	30.2

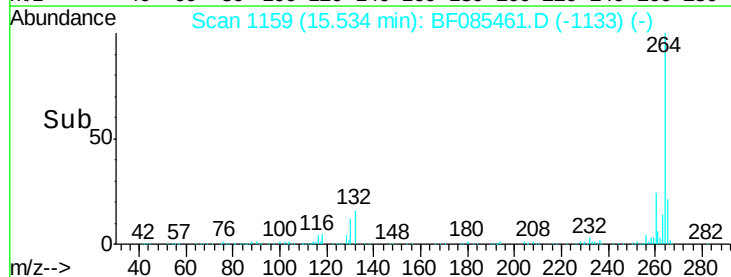
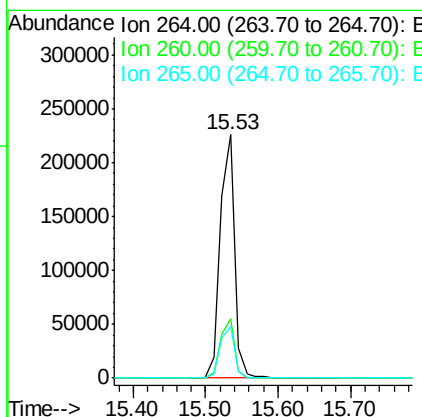
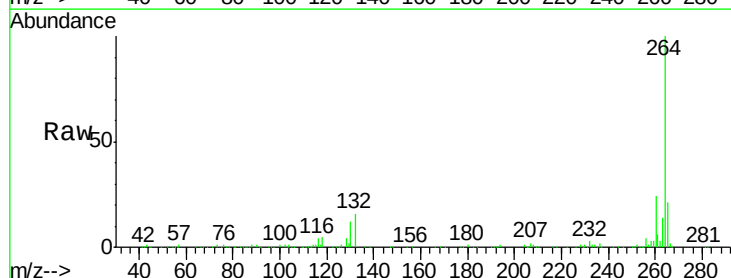
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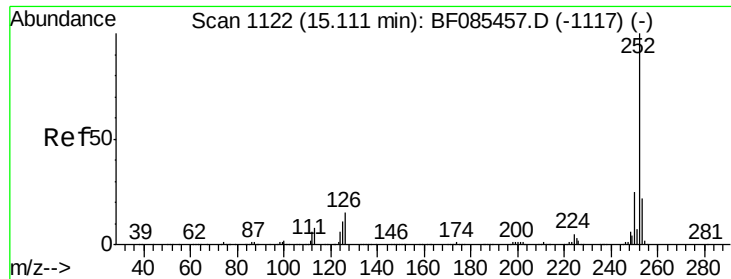
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.2	17.3	25.9





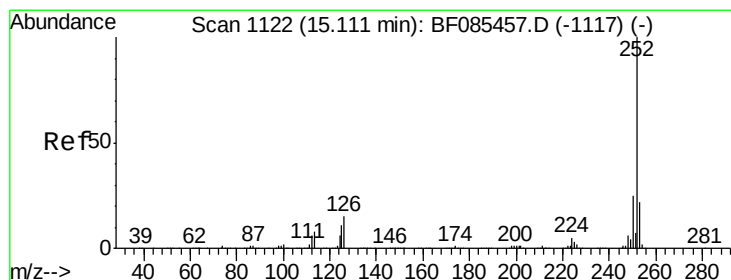
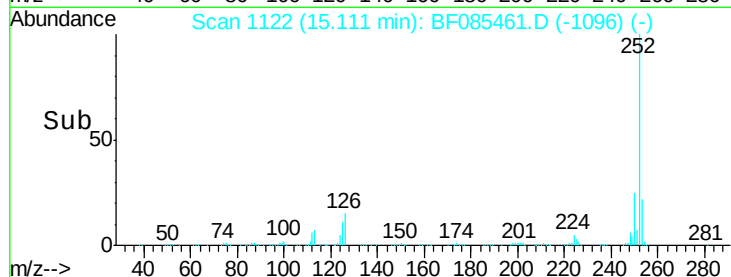
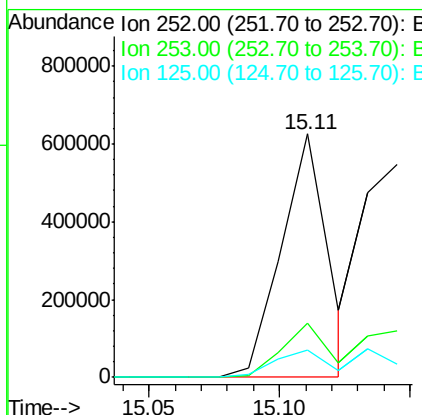
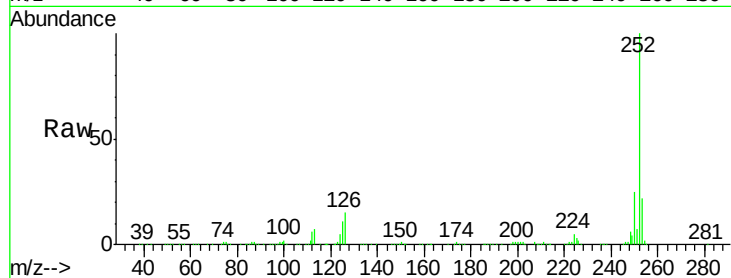
#87
Benzo(b)fluoranthene
Concen: 37.84 ng
RT: 15.11 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.0	11.3	16.9#

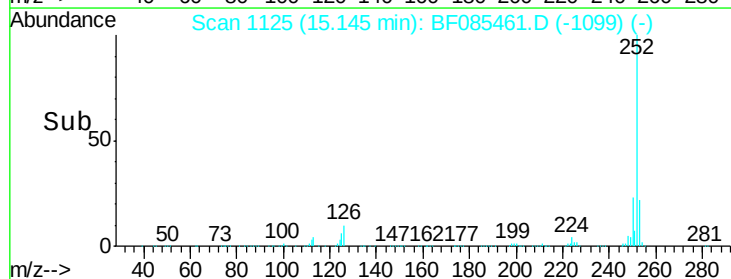
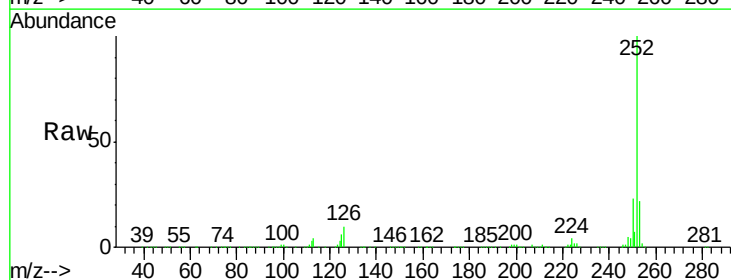
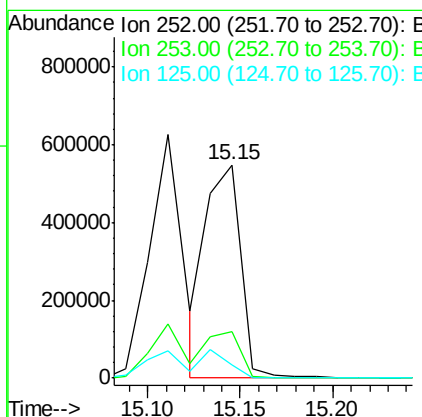
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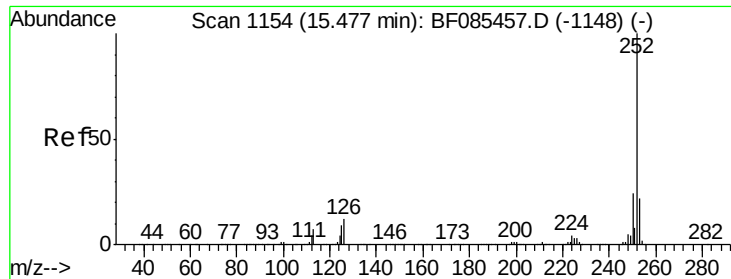
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#88
Benzo(k)fluoranthene
Concen: 46.05 ng m
RT: 15.15 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	6.5	10.4	15.6#





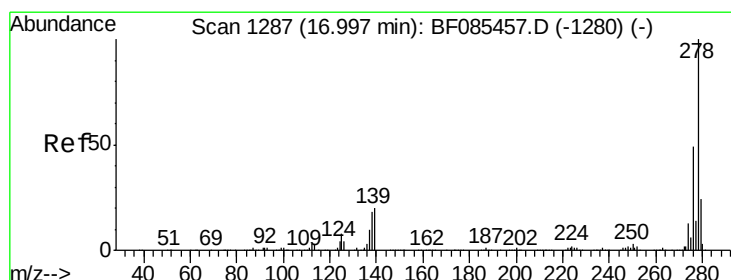
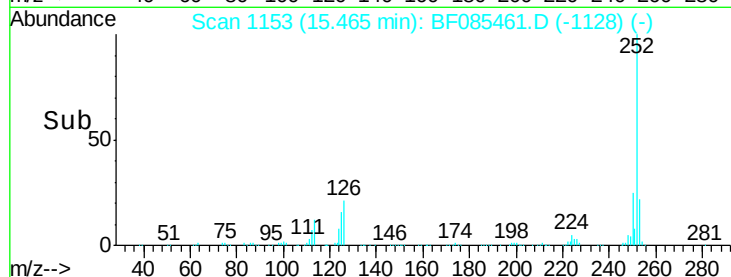
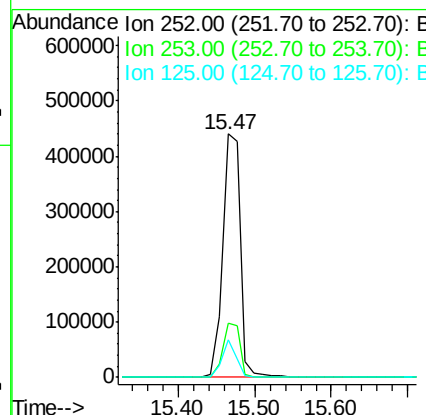
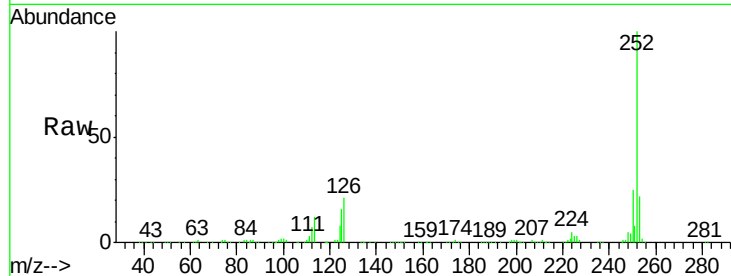
#89
Benzo(a)pyrene
Concen: 40.30 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	15.6	8.2	12.4

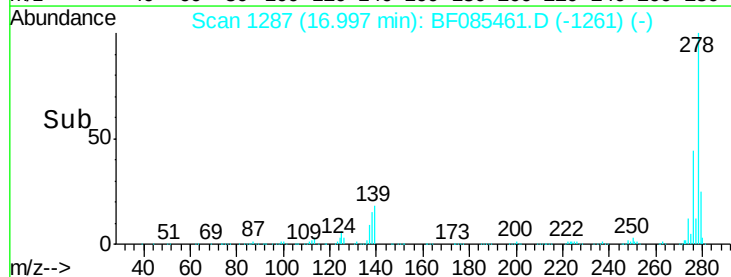
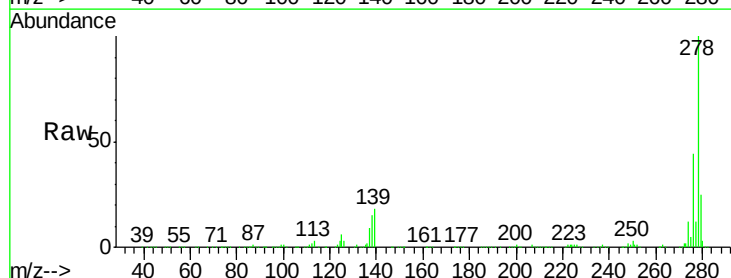
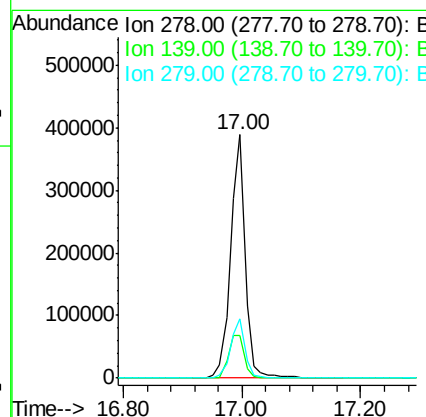
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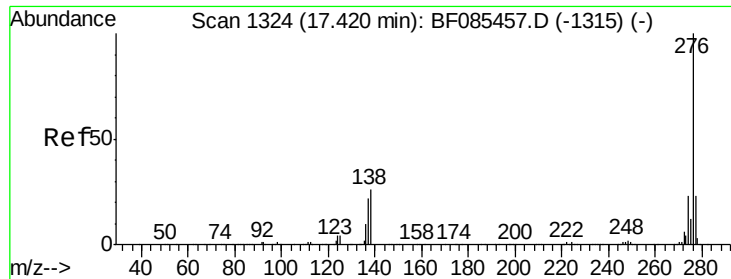
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#90
Dibenzo(a,h)anthracene
Concen: 38.65 ng
RT: 17.00 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	17.3	25.9
279	24.5	19.2	28.8





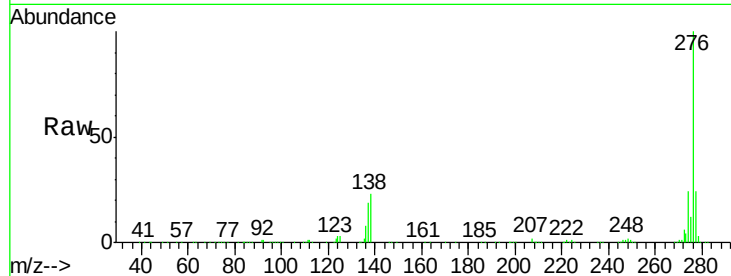
#91
 Benzo(g,h,i)perylene
 Concen: 38.02 ng
 RT: 17.42 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion:	276	Resp:	664035
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.0	28.4
138	22.7	22.5	33.7

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

