

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083117.D
 Acq On : 21 Nov 2015 18:05
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Manual Integrations
 APPROVED

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 11/23/2015 7:01:26 PM

Quant Time: Nov 22 09:26:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	188100	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	714831	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	369488	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	677843	20.00	ng	0.00
75) Chrysene-d12	13.81	240	553570	20.00	ng	0.00
86) Perylene-d12	15.17	264	515149	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	993649	79.86	ng	-0.01
7) Phenol-d6	6.33	99	1276328	79.29	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1208206	77.23	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	295286	78.12	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1874541	70.75	ng	0.00
78) Terphenyl-d14	12.75	244	1782431	75.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	223069	36.19	ng	97
3) Pyridine	2.98	79	674663	41.45	ng	96
4) n-Nitrosodimethylamine	2.79	42	316217	42.12	ng	96
6) Aniline	6.33	93	807082	41.02	ng	96
8) 2-Chlorophenol	6.46	128	542342	40.35	ng	87
9) Benzaldehyde	6.20	77	329410	41.17	ng	97
10) Phenol	6.35	94	735263	37.76	ng	# 72
11) bis(2-Chloroethyl)ether	6.41	93	594487	42.75	ng	94
12) 1,3-Dichlorobenzene	6.59	146	596541	38.87	ng	96
13) 1,4-Dichlorobenzene	6.67	146	620886	39.99	ng	98
14) 1,2-Dichlorobenzene	6.83	146	535832	37.97	ng	97
15) Benzyl Alcohol	6.83	79	548814	40.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	900727	41.54	ng	76
17) 2-Methylphenol	6.95	107	433474	38.97	ng	99
18) Hexachloroethane	7.16	117	213644	39.07	ng	# 78
19) n-Nitroso-di-n-propylamine	7.11	70	465213	41.53	ng	# 89
20) 3+4-Methylphenols	7.11	107	579293	41.20	ng	94
22) Acetophenone	7.10	105	823128	40.11	ng	# 91
24) Nitrobenzene	7.26	77	712570	42.63	ng	93
25) Isophorone	7.52	82	1209706	40.84	ng	98
26) 2-Nitrophenol	7.58	139	272974	36.99	ng	# 87
27) 2,4-Dimethylphenol	7.63	122	498443	42.32	ng	95
28) bis(2-Chloroethoxy)methane	7.71	93	665402	38.64	ng	98
29) 2,4-Dichlorophenol	7.83	162	445177	39.74	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	477992	38.85	ng	98
31) Naphthalene	7.96	128	1446924	37.51	ng	98
32) Benzoic acid	7.80	122	401673	43.88	ng	91
33) 4-Chloroaniline	8.03	127	618720	41.34	ng	94
34) Hexachlorobutadiene	8.09	225	290594	39.97	ng	99
35) Caprolactam	8.47	113	146036	40.68	ng	# 79
36) 4-Chloro-3-methylphenol	8.54	107	523143	40.32	ng	90
37) 2-Methylnaphthalene	8.66	142	1028372	41.07	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	441448	36.86	ng	99
40) Hexachlorocyclopentadiene	8.82	237	265388	38.97	ng	98

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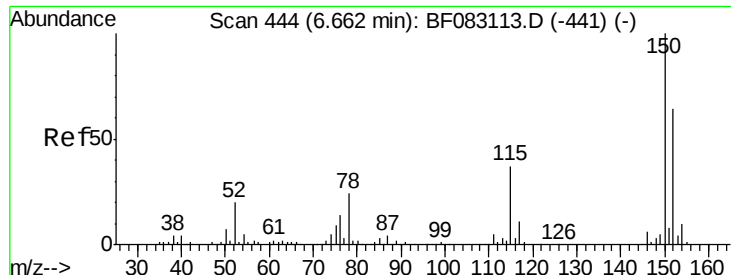
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	323056	37.67	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	358226	40.85	nq	# 89
45) 1,1'-Biphenyl	9.13	154	1236827	39.33	nq	99
46) 2-Chloronaphthalene	9.14	162	912380	36.94	nq	# 92
47) 2-Nitroaniline	9.26	65	374889	42.90	nq	88
48) Acenaphthylene	9.56	152	1468115	38.35	nq	99
49) Dimethylphthalate	9.45	163	1124908	39.54	nq	# 98
50) 2,6-Dinitrotoluene	9.50	165	248809	38.98	nq	88
51) Acenaphthene	9.72	154	880269	37.79	nq	99
52) 3-Nitroaniline	9.67	138	255687	37.57	nq	# 67
53) 2,4-Dinitrophenol	9.77	184	150659	40.97	nq	# 80
54) Dibenzofuran	9.91	168	1249852	37.94	nq	95
55) 4-Nitrophenol	9.86	139	193793	37.14	nq	# 66
56) 2,4-Dinitrotoluene	9.90	165	326046	40.32	nq	95
57) Fluorene	10.24	166	970238	35.64	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	283581	39.42	nq	97
59) Diethylphthalate	10.14	149	1068886	37.75	nq	95
60) 4-Chlorophenyl-phenylether	10.24	204	482849	38.72	nq	95
61) 4-Nitroaniline	10.28	138	268803	40.12	nq	88
62) Azobenzene	10.40	77	1308785	40.50	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	208140	44.57	nq	79
65) n-Nitrosodiphenylamine	10.36	169	954883	41.42	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	293855	39.07	nq	89
67) Hexachlorobenzene	10.79	284	339625	41.00	nq	95
68) Atrazine	10.90	200	249494	37.27	nq	98
69) Pentachlorophenol	10.99	266	217111	40.24	nq	98
70) Phenanthrene	11.20	178	1580466	40.47	nq	99
71) Anthracene	11.24	178	1465616	36.78	nq	99
72) Carbazole	11.42	167	1383722	39.07	nq	98
73) Di-n-butylphthalate	11.76	149	1728285	39.98	nq	# 97
74) Fluoranthene	12.38	202	1539802	38.53	nq	99
76) Benzidine	12.51	184	699641	48.22	nq	97
77) Pyrene	12.61	202	1679548	44.41	nq	100
79) Butylbenzylphthalate	13.25	149	770066	43.02	nq	# 84
80) Benzo(a)anthracene	13.79	228	1444213	42.18	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	471039	39.53	nq	# 98
82) Chrysene	13.83	228	1424846	44.88	nq	99
83) Bis(2-ethylhexyl)phthalate	13.81	149	1041537	44.55	nq	# 96
84) Di-n-octyl phthalate	14.41	149	1703911	42.34	nq	99
85) Indeno(1,2,3-cd)pyrene	16.43	276	1195770	41.41	nq	99
87) Benzo(b)fluoranthene	14.79	252	1165039m	33.10	nq	
88) Benzo(k)fluoranthene	14.82	252	1222200m	46.60	nq	
89) Benzo(a)pyrene	15.11	252	1083900	37.30	nq	# 96
90) Dibenzo(a,h)anthracene	16.45	278	1010418	38.28	nq	97
91) Benzo(g,h,i)perylene	16.81	276	956561	37.12	nq	97

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



#1

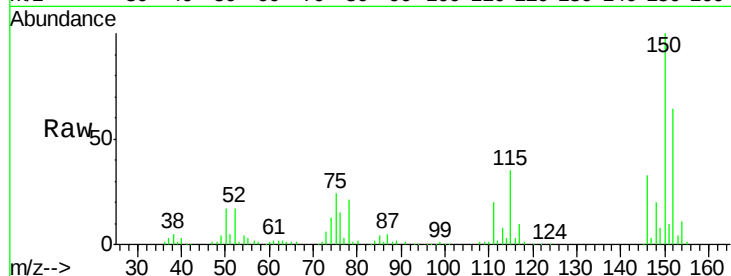
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

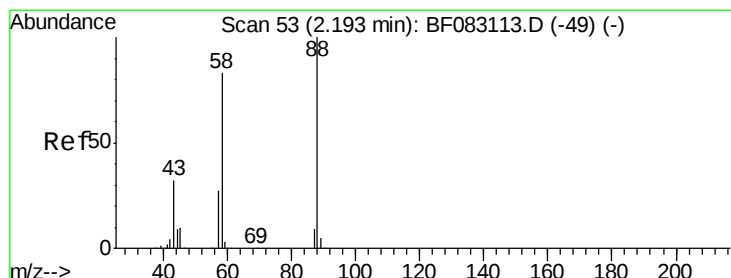
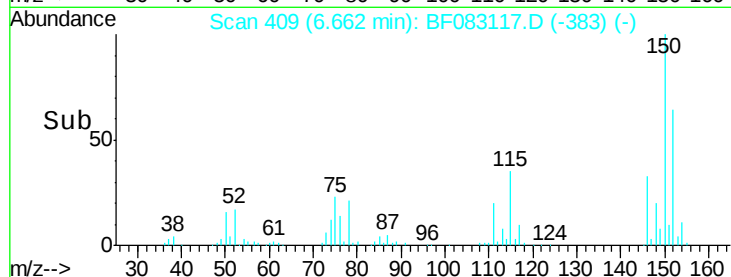
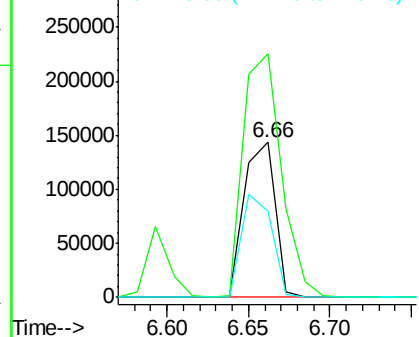
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.8	188.8
115	55.4	46.9	70.3

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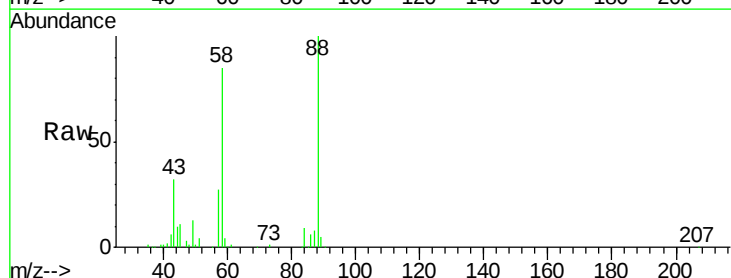
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



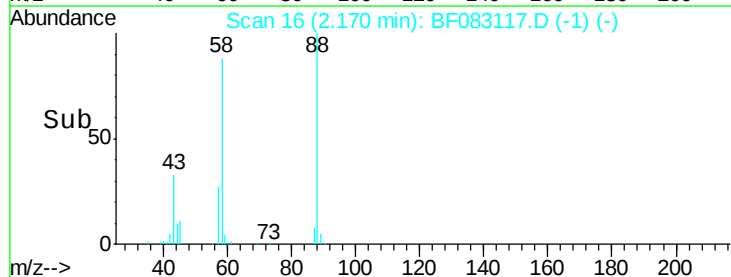
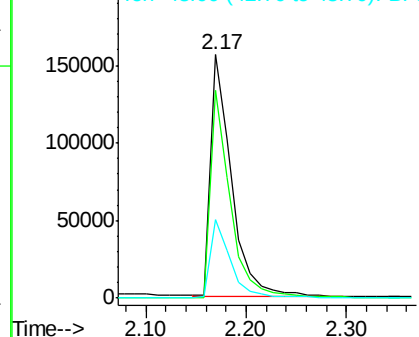
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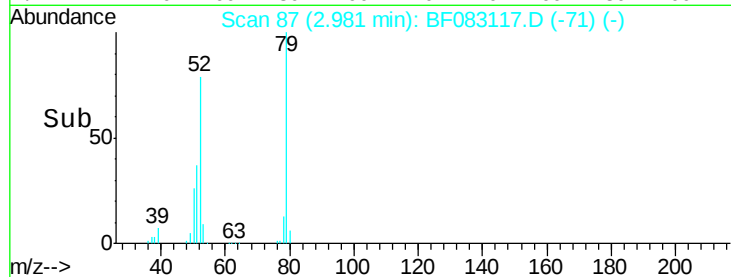
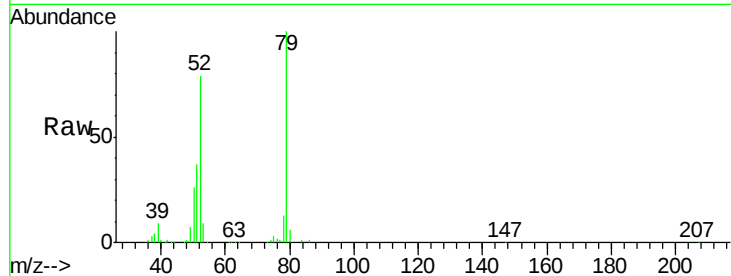
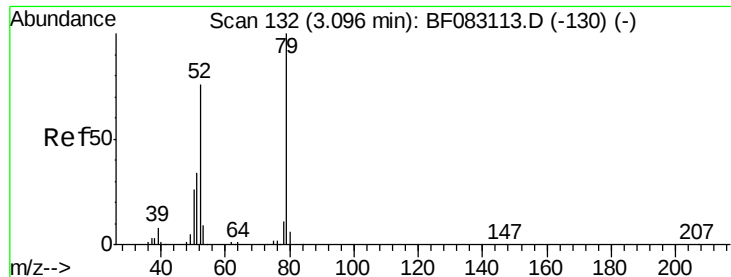
1,4-Dioxane
Concen: 36.19 ng
RT: 2.17 min Scan# 16
Delta R.T. -0.02 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	65.0	97.6
43	32.8	24.7	37.1



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





#3

Pvridine

Concen: 41.45 ng

RT: 2.98 min Scan# 87

Delta R.T. -0.11 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tot Ion:	79	Resp:	674663
Ion Ratio	Lower	Upper	
79	100		
52	79.4	60.7	91.1
51	37.4	27.9	41.9

Instrument :

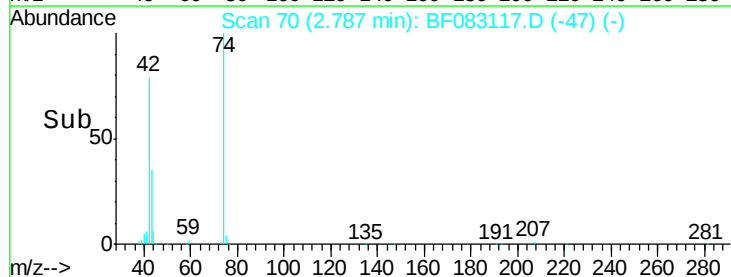
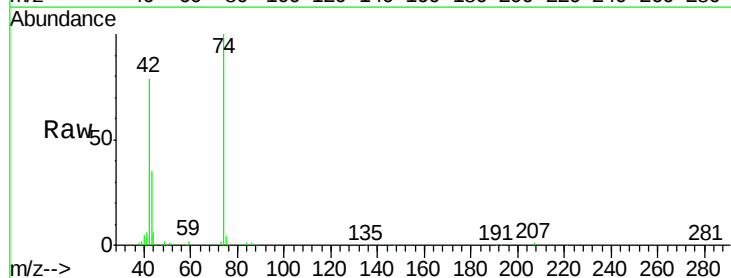
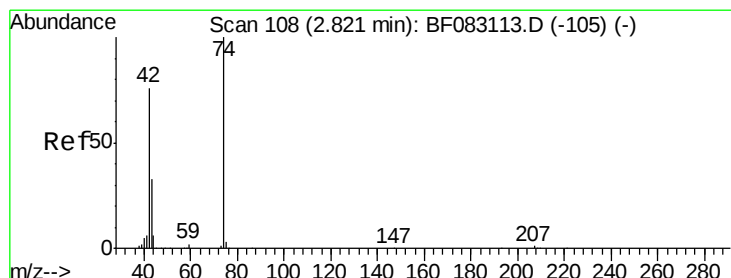
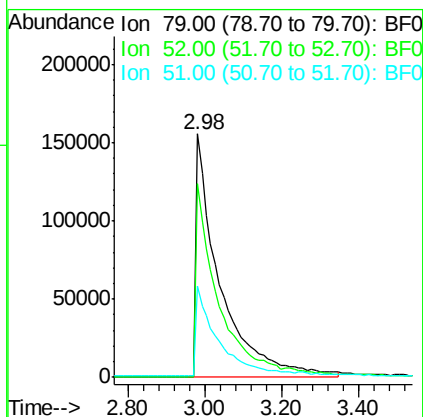
BNA_F

ClientSampleId :

ICVBF112115

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#4

n-Nitrosodimethylamine

Concen: 42.12 ng

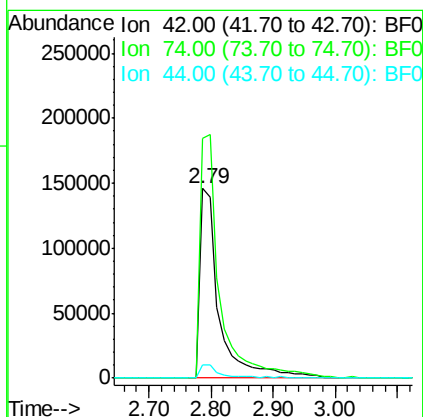
RT: 2.79 min Scan# 70

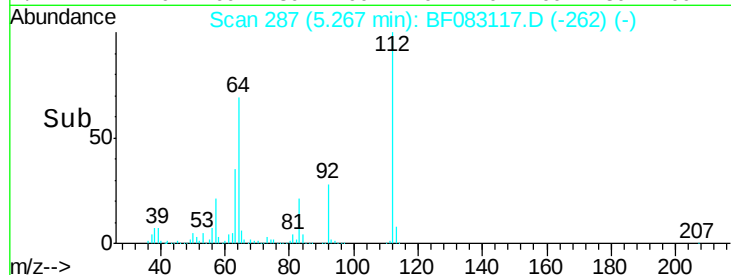
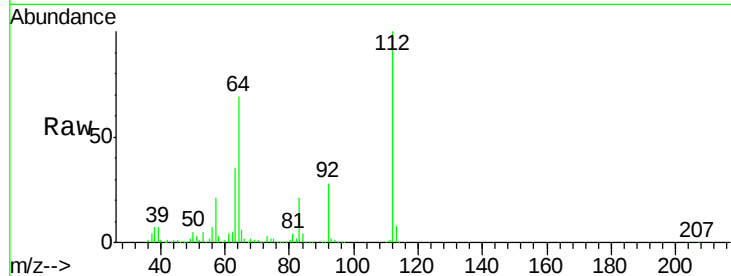
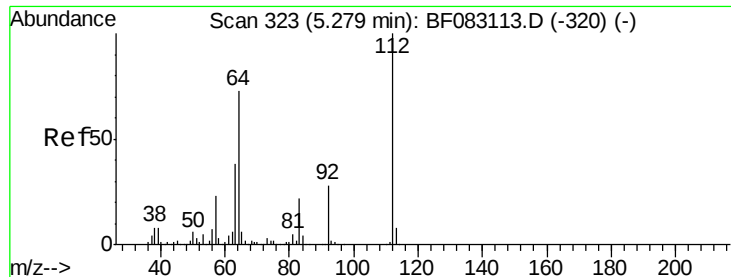
Delta R.T. -0.03 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:	42	Resp:	316217
Ion Ratio	Lower	Upper	
42	100		
74	126.6	104.8	157.2
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 79.86 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tot Ion:	112	Resp:	993649
Ion Ratio	Lower	Upper	
112	100		
64	69.1	58.4	87.6
63	35.1	30.0	45.0

Instrument :

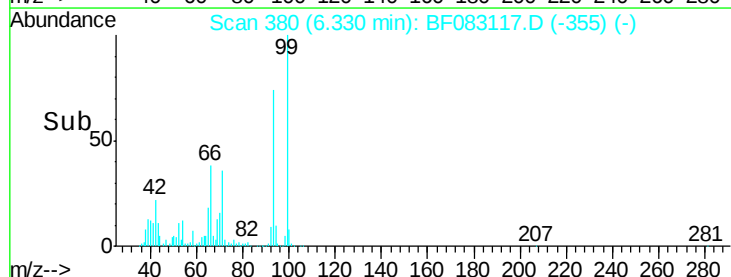
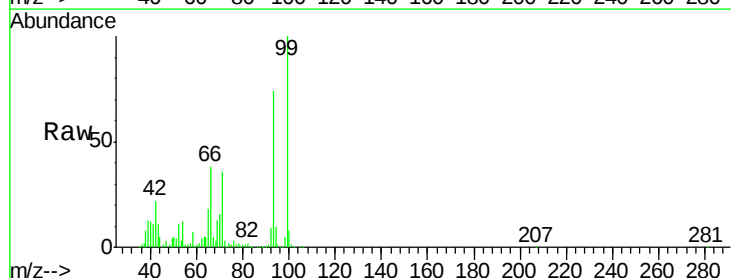
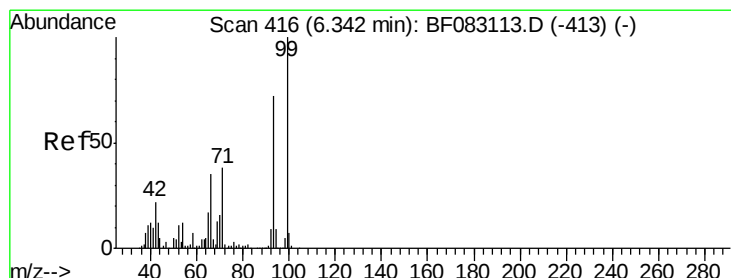
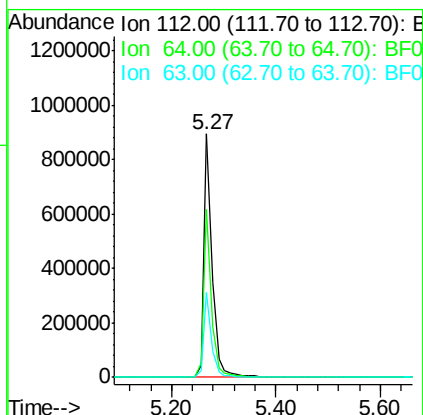
BNA_F

ClientSampleId :

ICVBF112115

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#6

Aniline

Concen: 41.02 ng

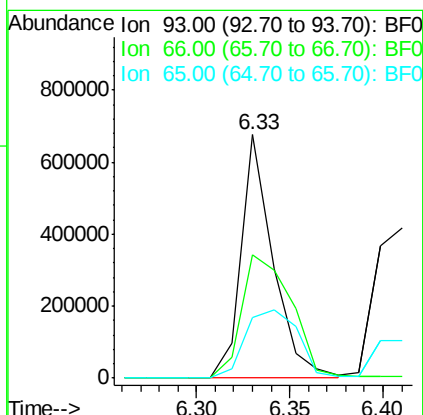
RT: 6.33 min Scan# 380

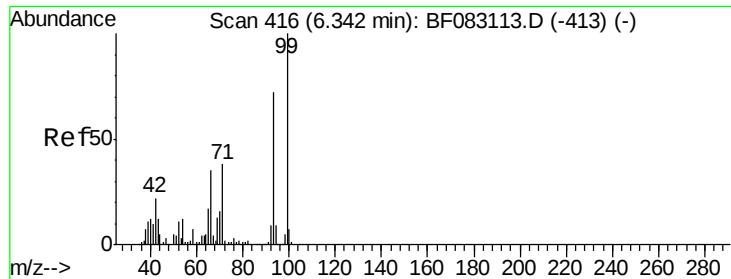
Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:	93	Resp:	807082
Ion Ratio	Lower	Upper	
93	100		
66	50.8	38.7	58.1
65	24.9	18.6	27.8





#7

Phenol-d6

Concen: 79.29 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

Tot Ion: 99 Resp: 1276328

Ion Ratio Lower Upper

99 100

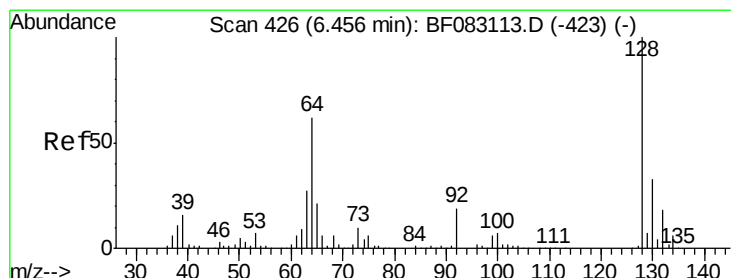
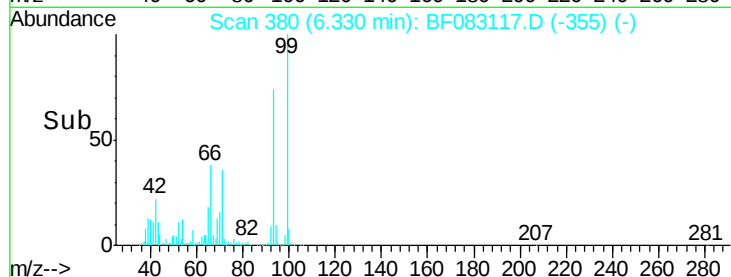
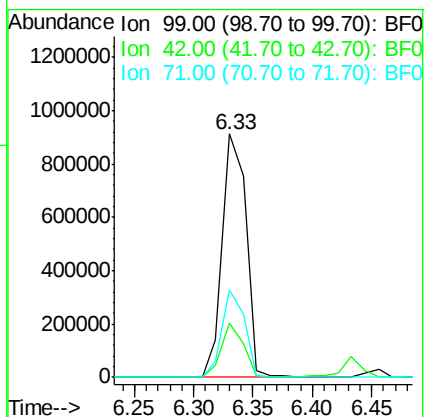
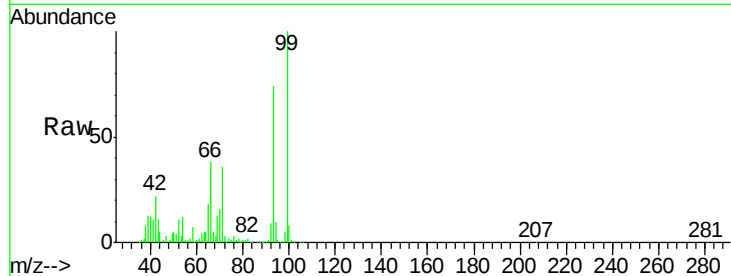
42 22.2 17.7 26.5

71 36.0 30.2 45.4

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11/23/2015 7:01:26 PM



#8

2-Chlorophenol

Concen: 40.35 ng

RT: 6.46 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

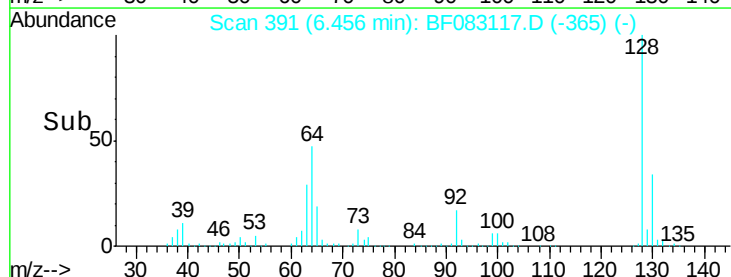
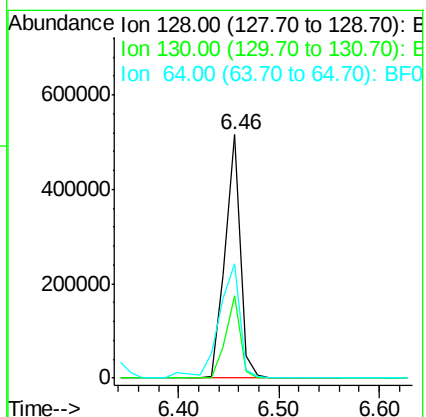
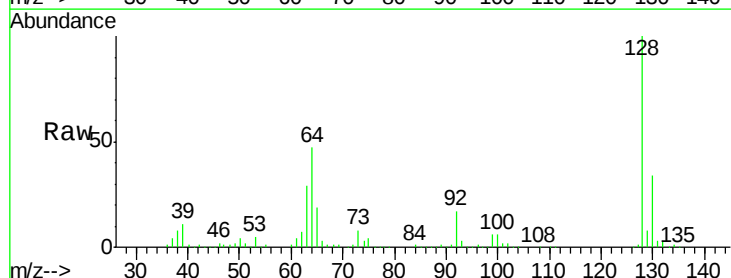
Tgt Ion: 128 Resp: 542342

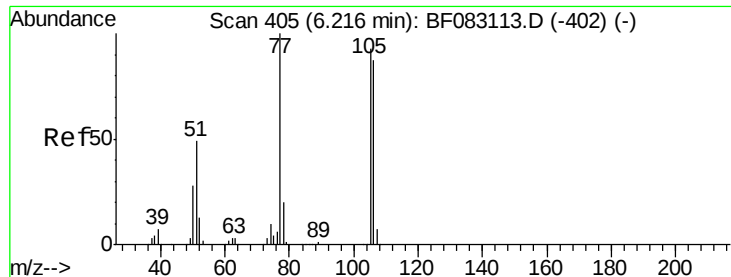
Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

64 47.1 41.9 81.9





#9

Benzaldehyde

Concen: 41.17 ng

RT: 6.20 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

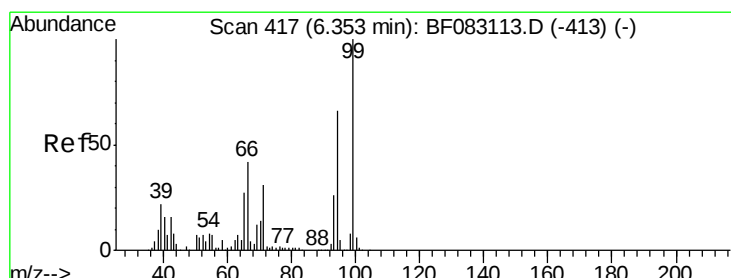
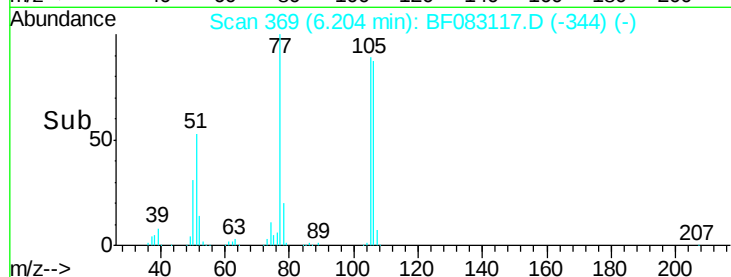
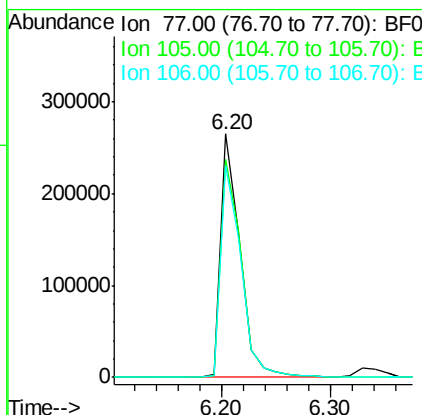
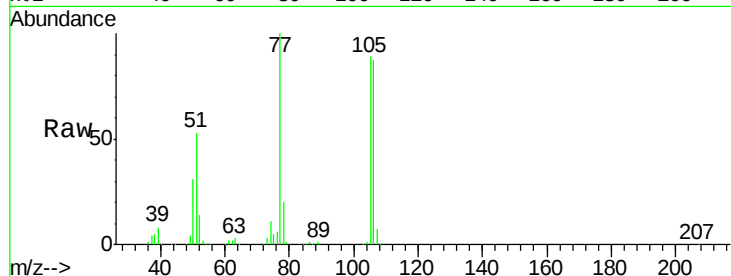
ClientSampleId :

ICVBF112115

Tot Ion:	77	Resp:	329410
Ion	Ratio	Lower	Upper
77	100		
105	89.4	73.4	113.4
106	86.7	67.5	107.5

Manual Integrations
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#10

Phenol

Concen: 37.76 ng

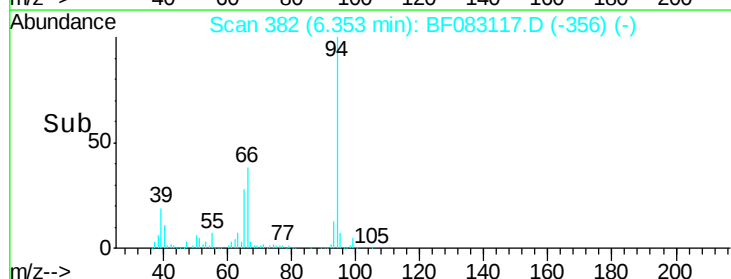
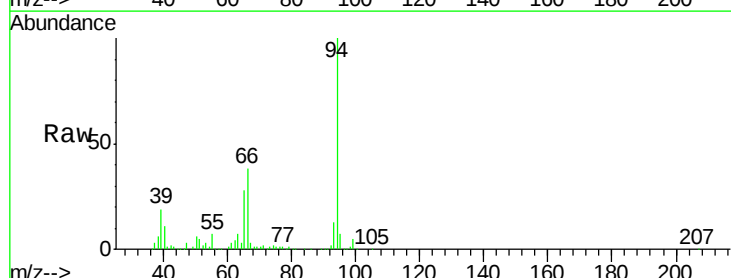
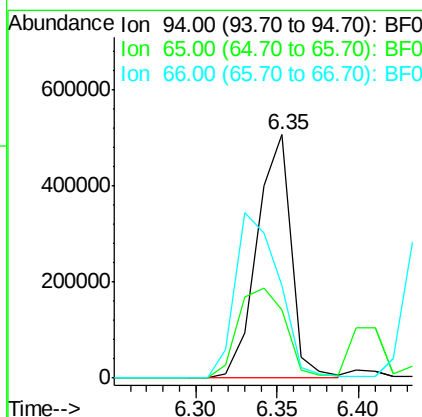
RT: 6.35 min Scan# 382

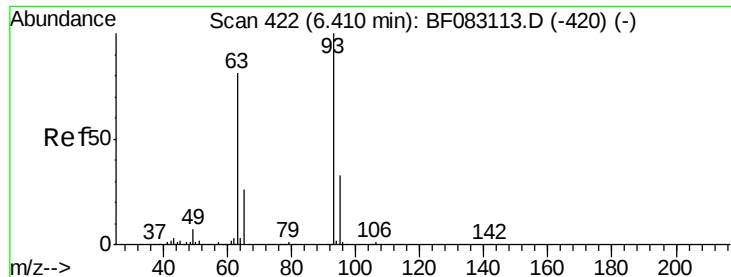
Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:	94	Resp:	735263
Ion	Ratio	Lower	Upper
94	100		
65	28.2	21.1	61.1
66	38.1	43.1	83.1#





#11

bis(2-Chloroethyl)ether

Concen: 42.75 ng

RT: 6.41 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

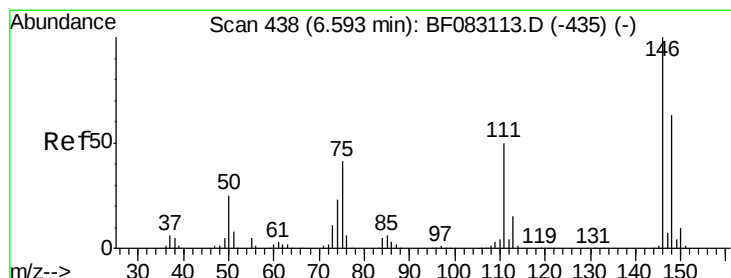
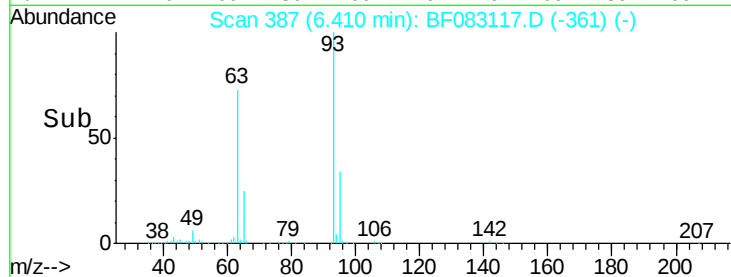
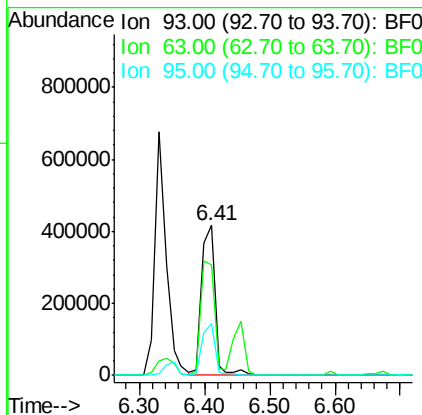
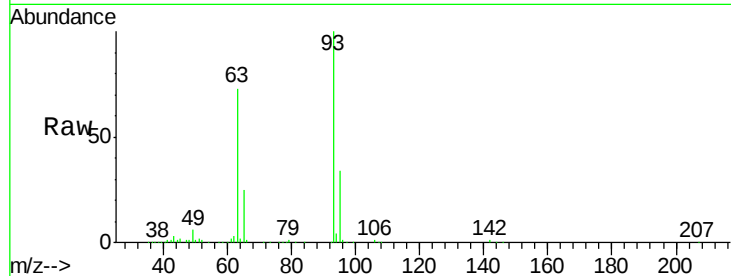
ClientSampleId :

ICVBF112115

Tot Ion:	93	Resp:	594487
Ion	Ratio	Lower	Upper
93	100		
63	73.5	59.8	99.8
95	34.2	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 38.87 ng

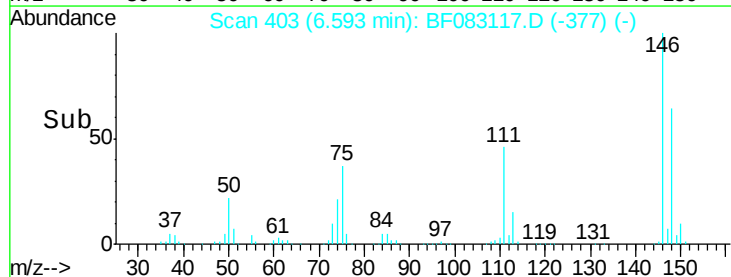
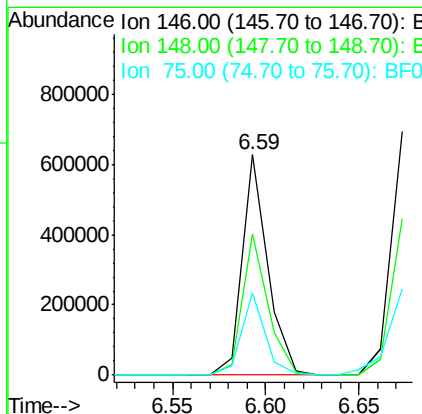
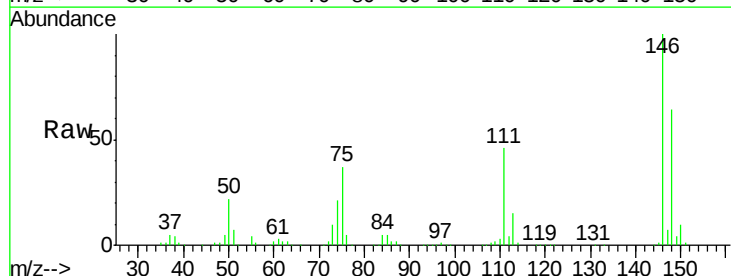
RT: 6.59 min Scan# 403

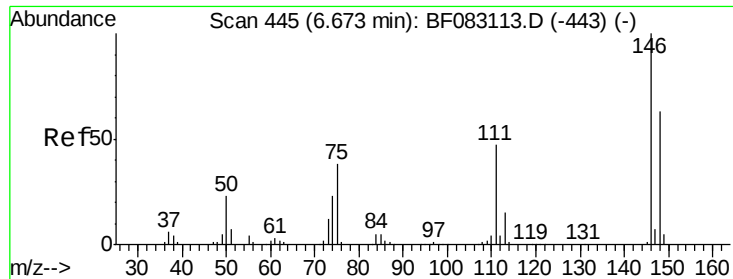
Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:	146	Resp:	596541
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.2
75	37.3	32.7	49.1





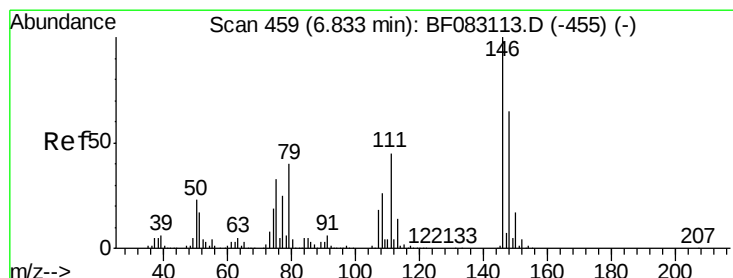
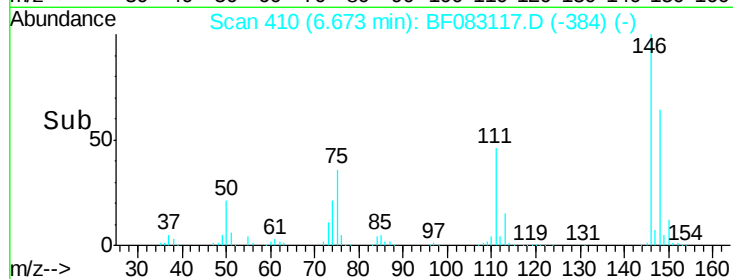
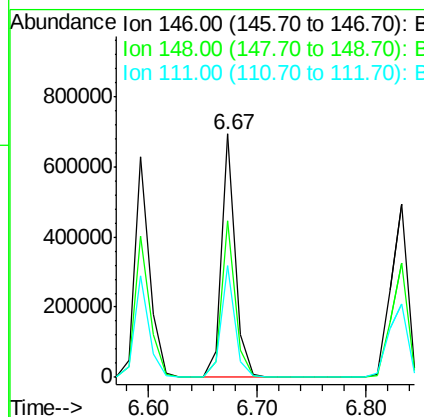
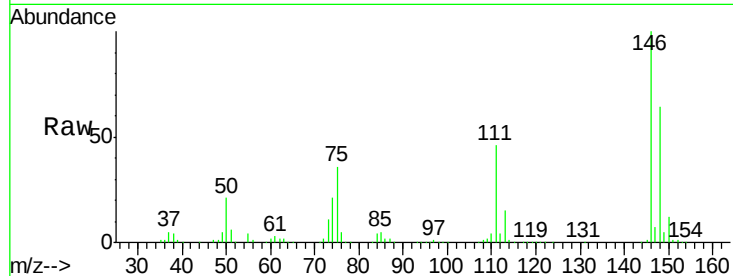
#13
1,4-Dichlorobenzene
Concen: 39.99 ng
RT: 6.67 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.2	75.2
111	45.8	37.5	56.3

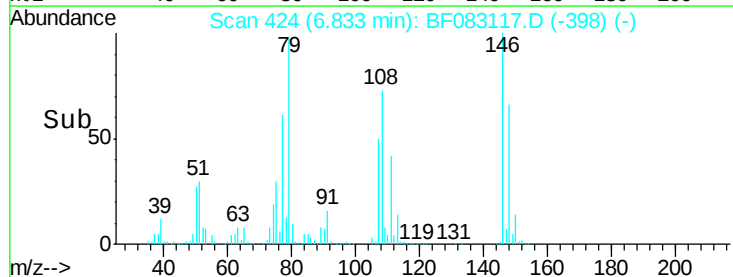
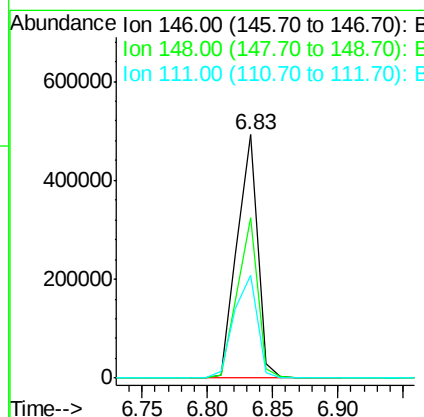
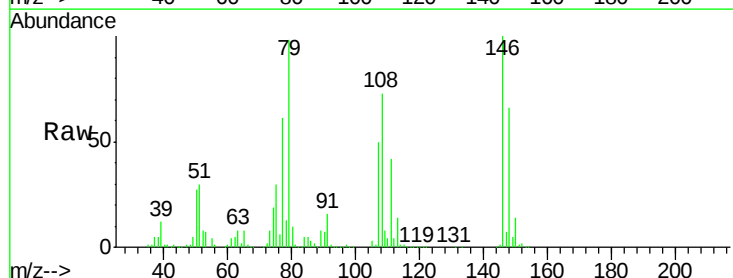
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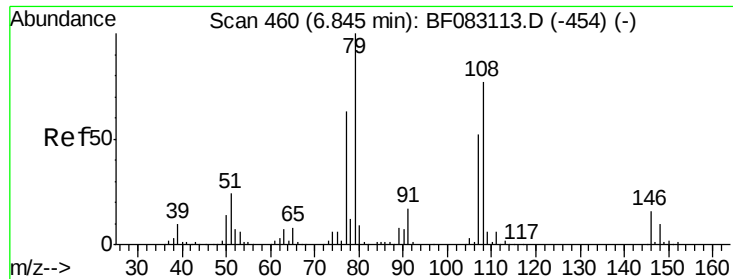
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#14
1,2-Dichlorobenzene
Concen: 37.97 ng
RT: 6.83 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.8	77.6
111	42.3	36.2	54.4





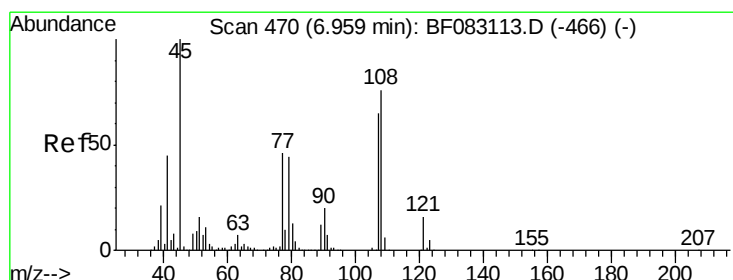
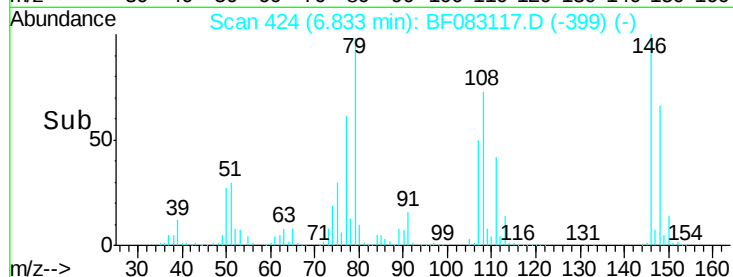
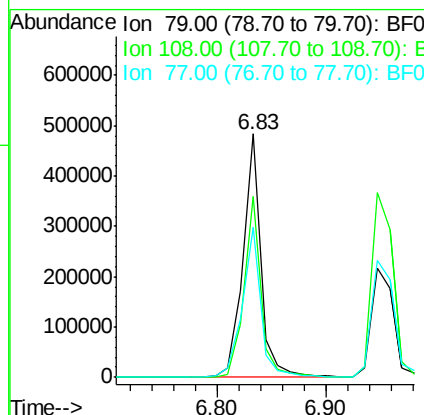
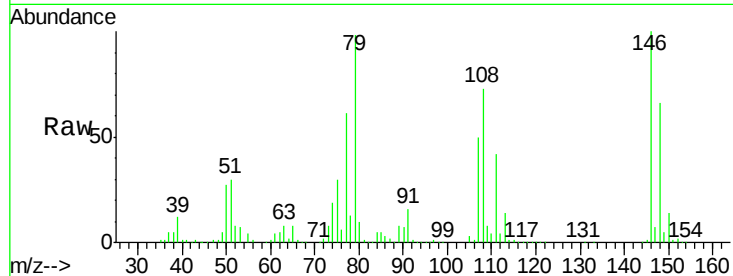
#15
Benzyl Alcohol
Concen: 40.80 ng
RT: 6.83 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	61.4	92.2
77	61.8	50.5	75.7

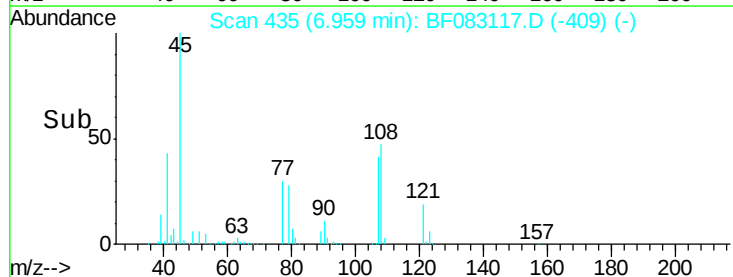
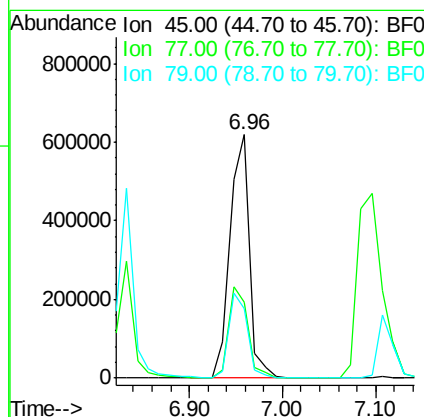
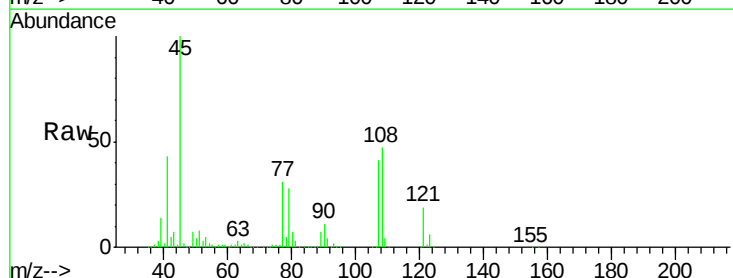
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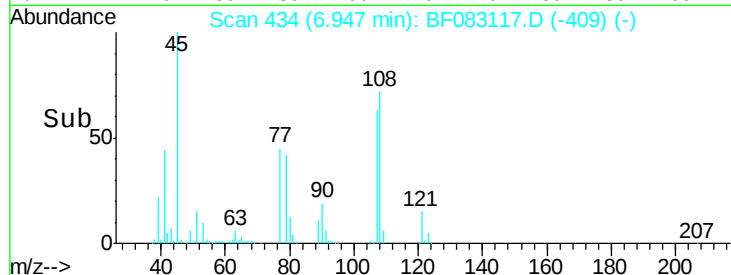
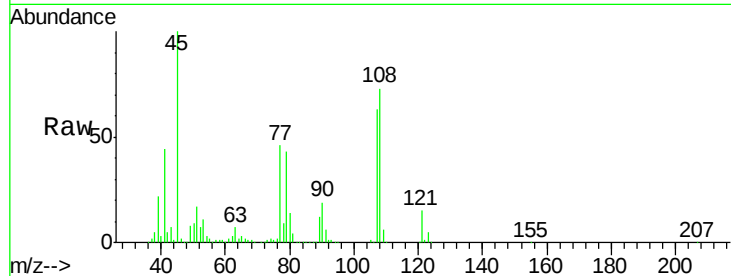
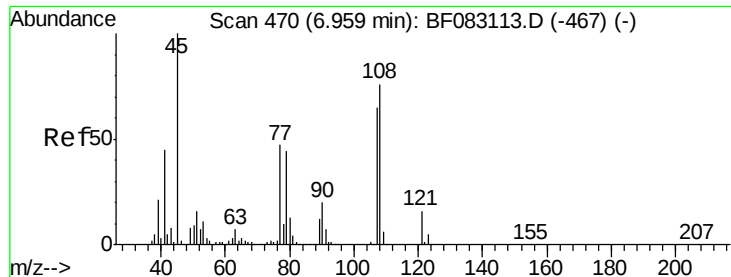
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.54 ng
RT: 6.96 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.4	26.7	66.7
79	28.5	24.3	64.3





#17

2-Methylphenol

Concen: 38.97 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tot Ion:	107	Resp:	433474
Ion Ratio	Lower	Upper	
107	100		
108	116.0	93.8	140.6
77	73.5	57.4	86.0
79	68.3	54.4	81.6

Instrument :

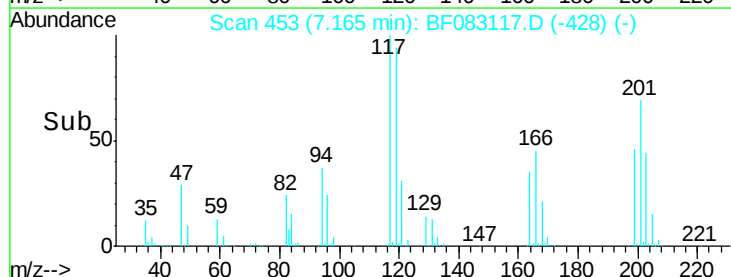
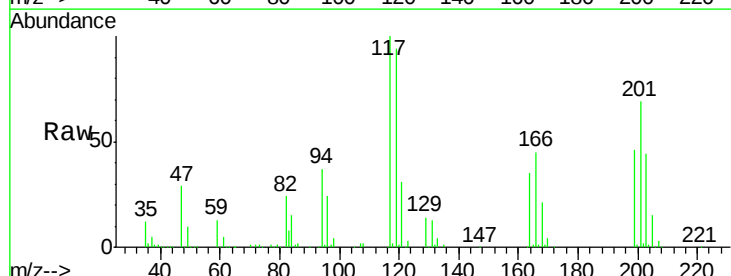
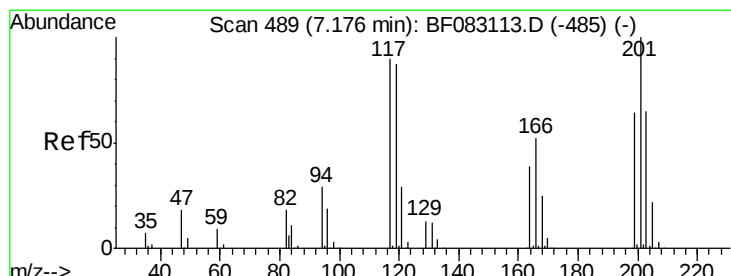
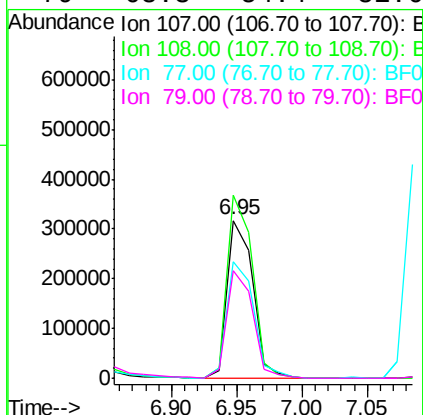
BNA_F

ClientSampleId :

ICVBF112115

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#18

Hexachloroethane

Concen: 39.07 ng

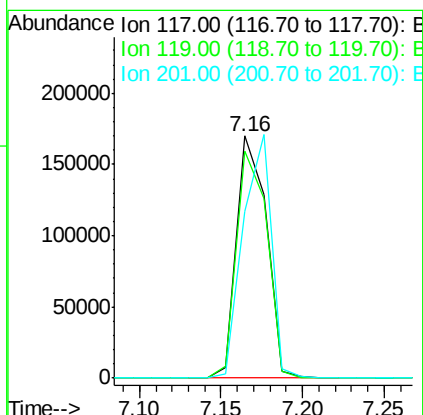
RT: 7.16 min Scan# 453

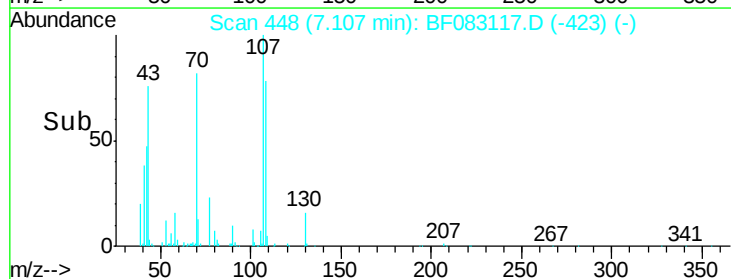
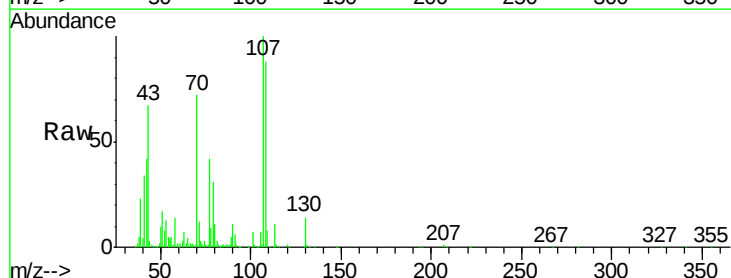
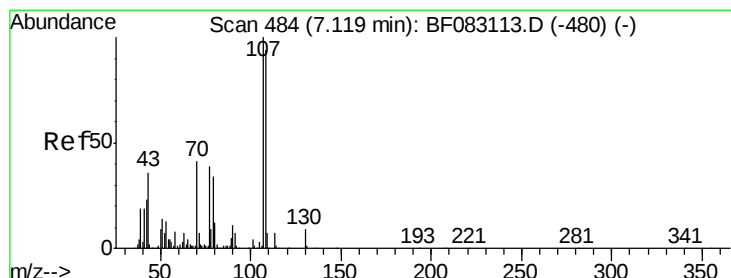
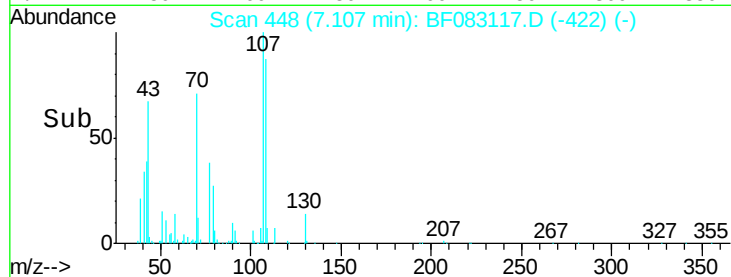
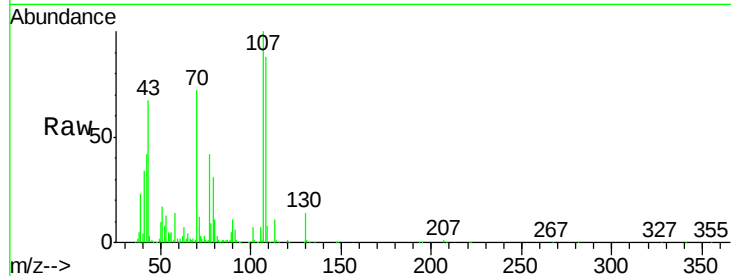
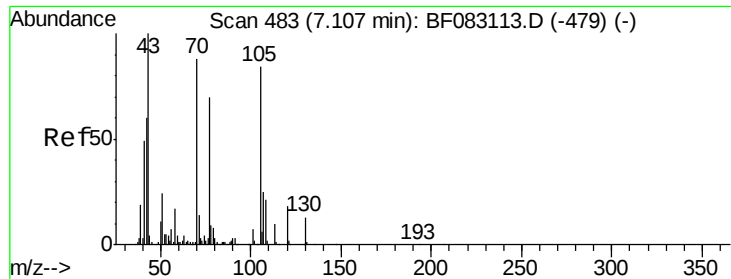
Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:	117	Resp:	213644
Ion Ratio	Lower	Upper	
117	100		
119	93.9	76.8	115.2
201	69.2	88.6	133.0#





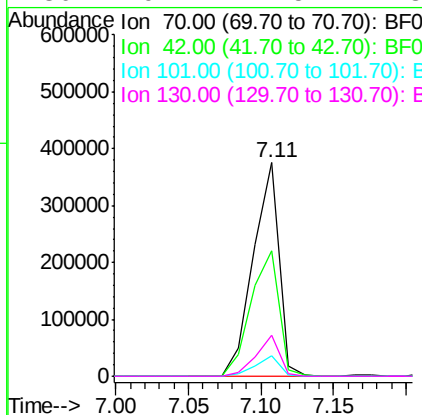
#19
n-Nitroso-di-n-propylamine
Concen: 41.53 ng
RT: 7.11 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.6	54.5	81.7
101	9.6	6.6	9.8
130	19.4	11.5	17.3

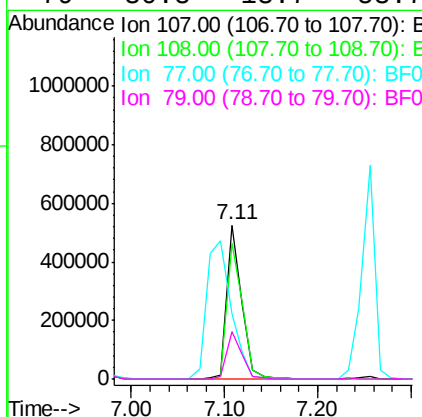
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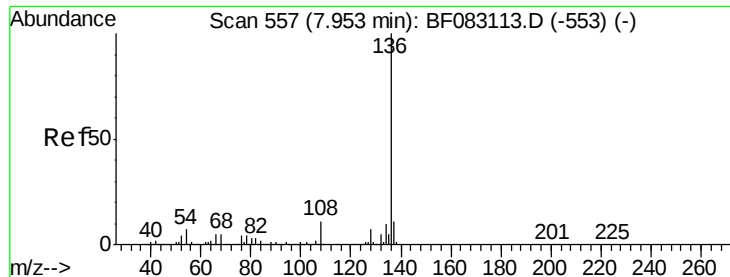
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11/23/2015 7:01:26 PM



#20
3+4-Methylphenols
Concen: 41.20 ng
RT: 7.11 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	73.8	113.8
77	42.1	19.1	59.1
79	30.8	13.7	53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083117.D

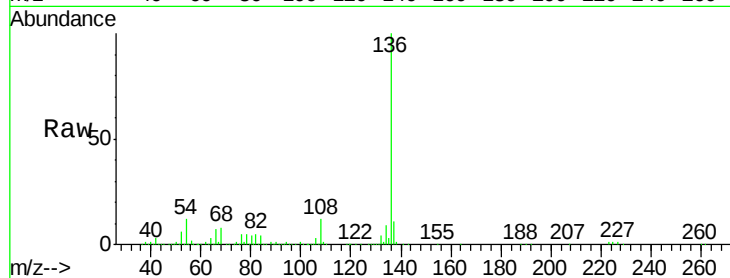
Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

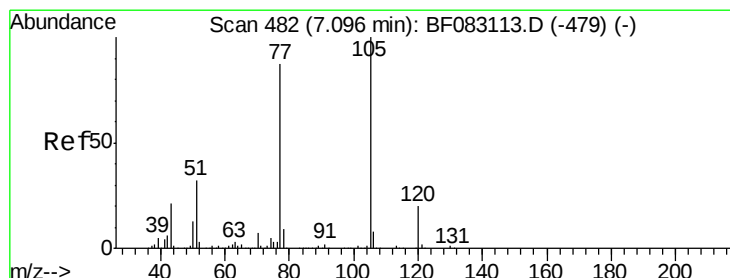
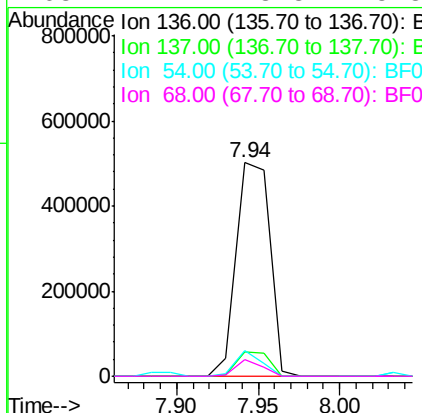
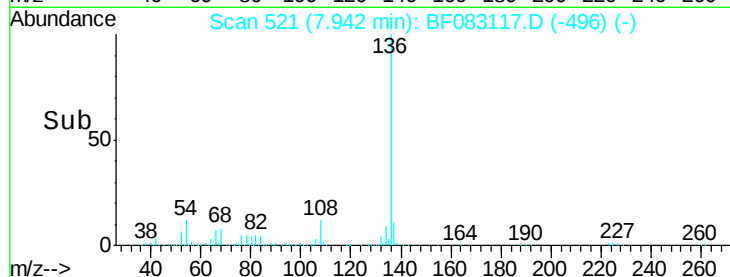
ICVBF112115



Tot Ion	Ratio	Resp	Lower	Upper
136	100	714831		
137	11.3	8.7	13.1	
54	11.9	5.8	8.6#	
68	7.7	3.8	5.8#	

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#22

Acetophenone

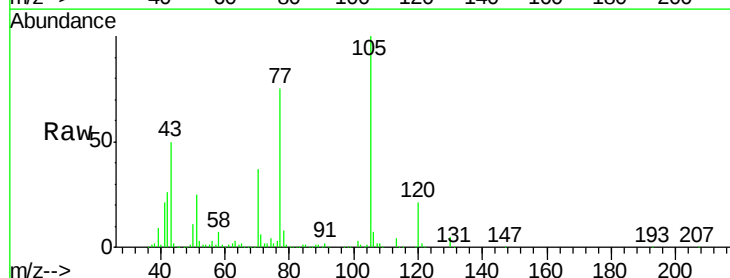
Concen: 40.11 ng

RT: 7.10 min Scan# 447

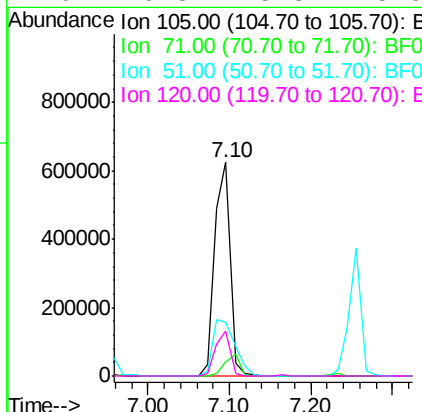
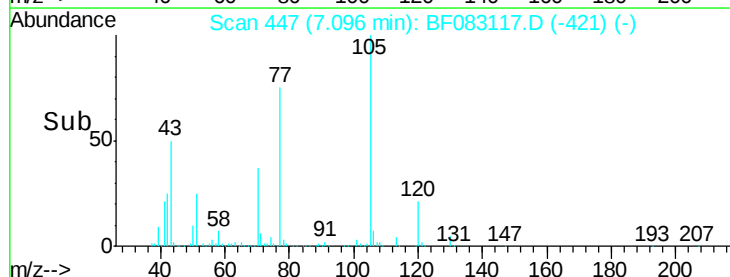
Delta R.T. -0.00 min

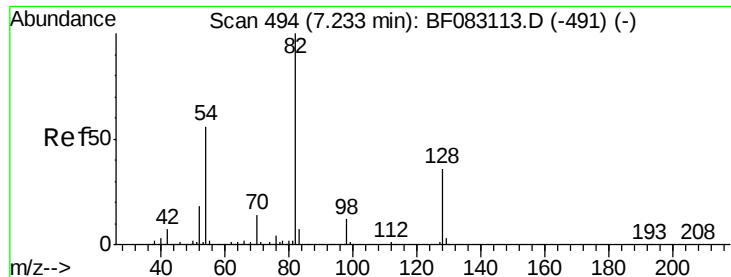
Lab File: BF083117.D

Acq: 21 Nov 2015 18:05



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	823128		
71	6.3	1.0	1.4#	
51	24.9	25.6	38.4#	
120	20.8	15.8	23.6	





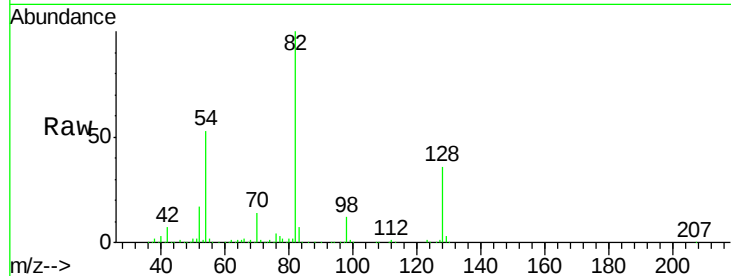
#23
Nitrobenzene-d5
Concen: 77.23 ng
RT: 7.23 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

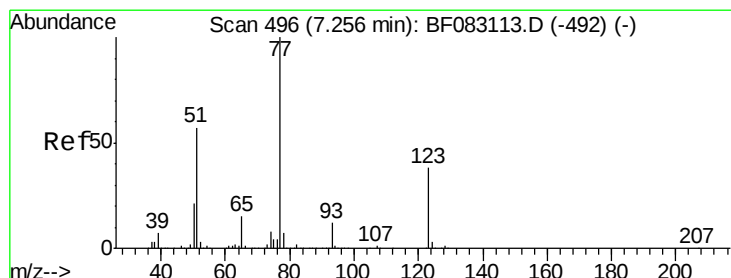
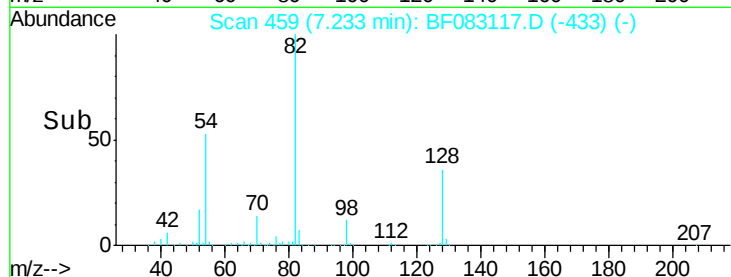
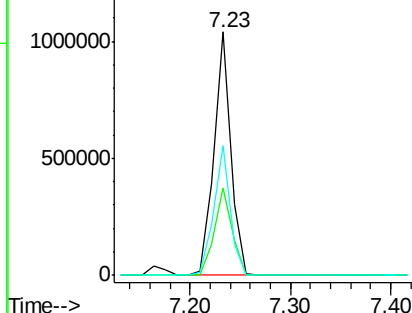
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.5	42.7
54	53.3	44.6	67.0

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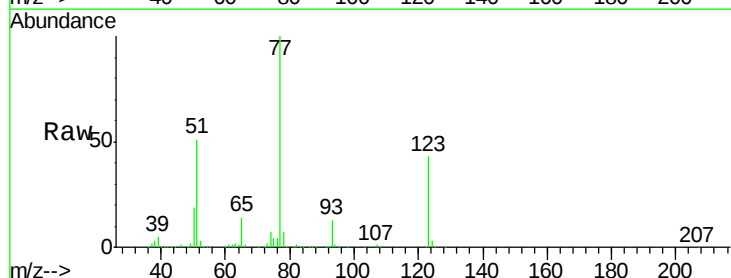


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

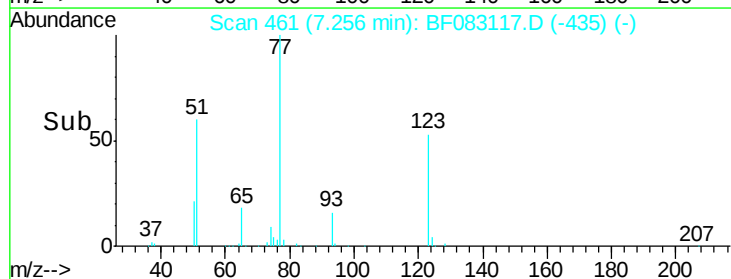
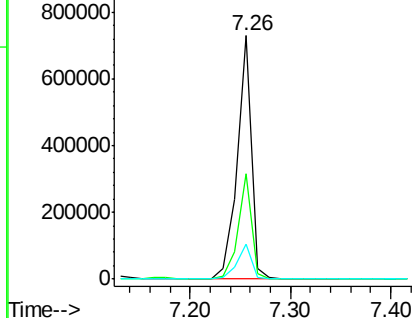


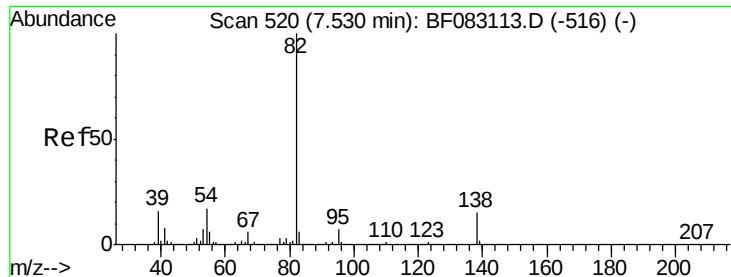
#24
Nitrobenzene
Concen: 42.63 ng
RT: 7.26 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	30.1	45.1
65	14.3	11.6	17.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.84 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

Tot Ion: 82 Resp: 1209706

Ion Ratio Lower Upper

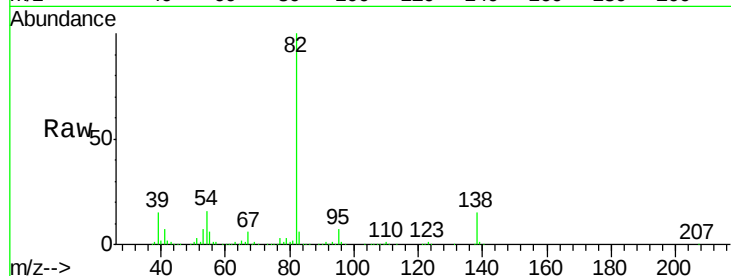
82 100

95 7.2 5.8 8.8

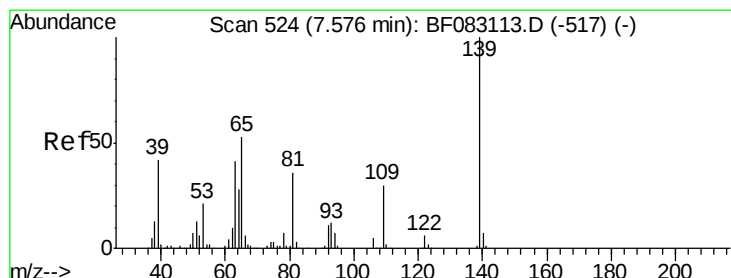
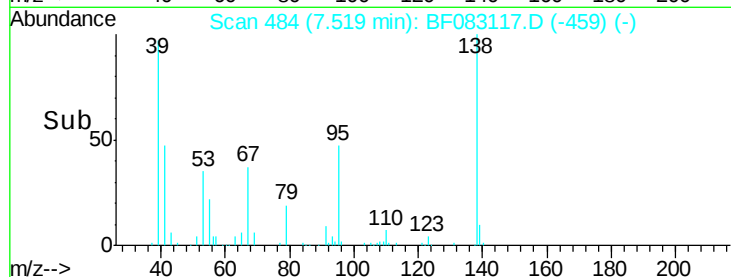
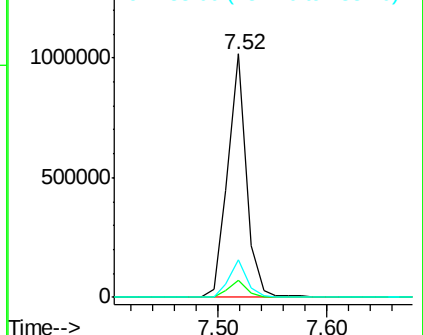
138 15.4 11.6 17.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 36.99 ng

RT: 7.58 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

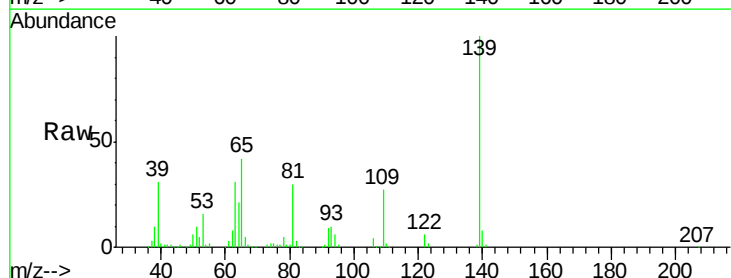
Tgt Ion: 139 Resp: 272974

Ion Ratio Lower Upper

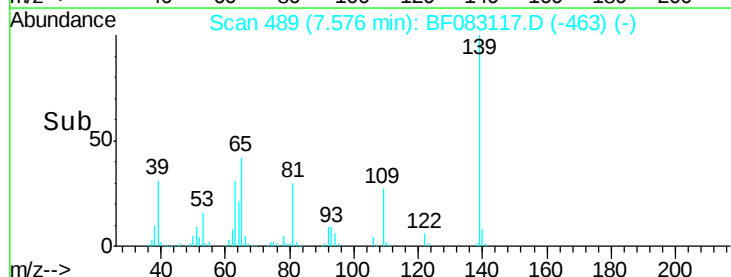
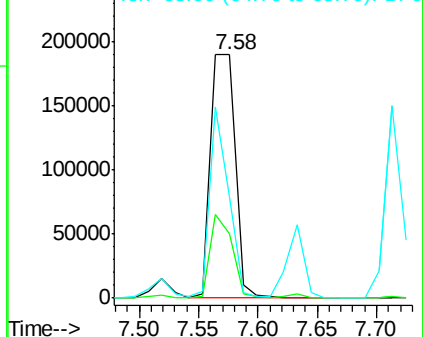
139 100

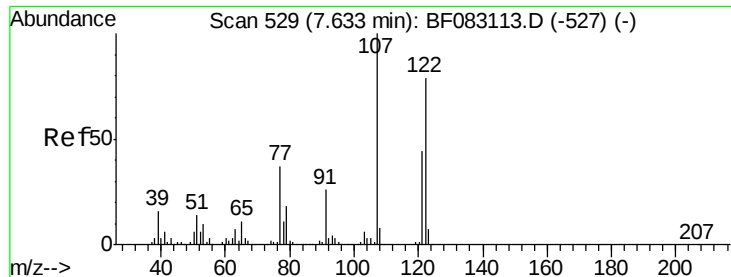
109 26.6 23.9 35.9

65 41.9 42.7 64.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.32 ng

RT: 7.63 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

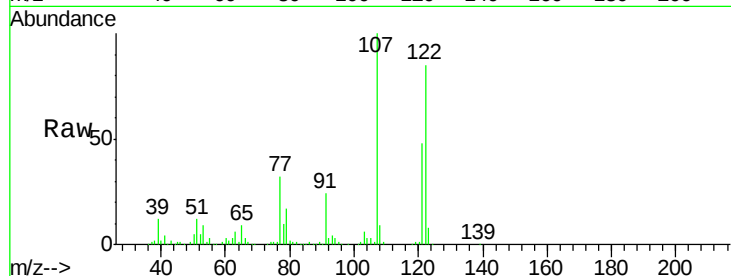
ClientSampleId :

ICVBF112115

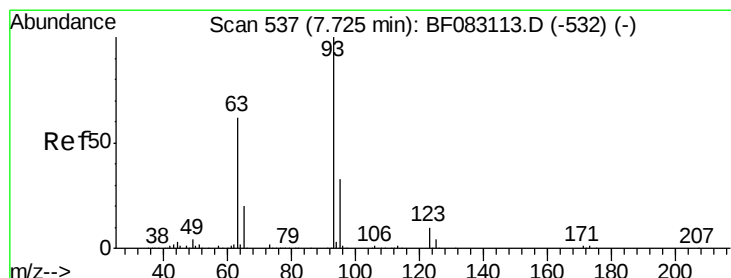
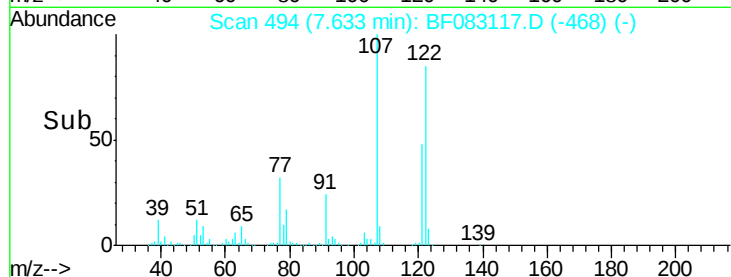
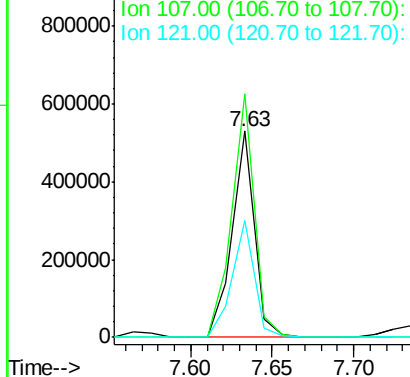
Tot Ion:	122	Resp:	498443
Ion Ratio	Lower	Upper	
122	100		
107	118.1	101.1	151.7
121	56.9	44.9	67.3

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



#28

bis(2-Chloroethoxy)methane

Concen: 38.64 ng

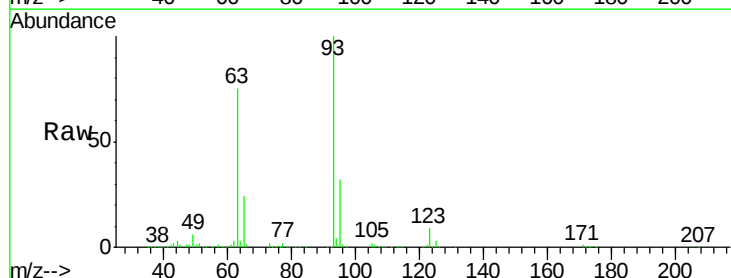
RT: 7.71 min Scan# 501

Delta R.T. -0.01 min

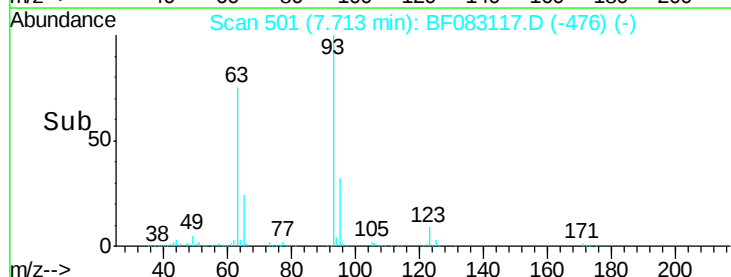
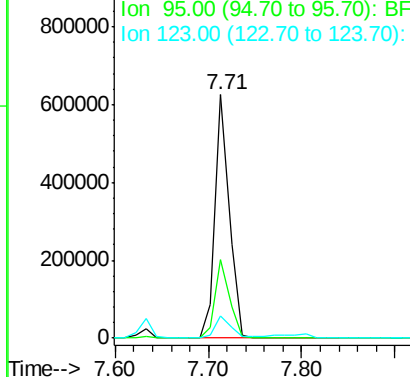
Lab File: BF083117.D

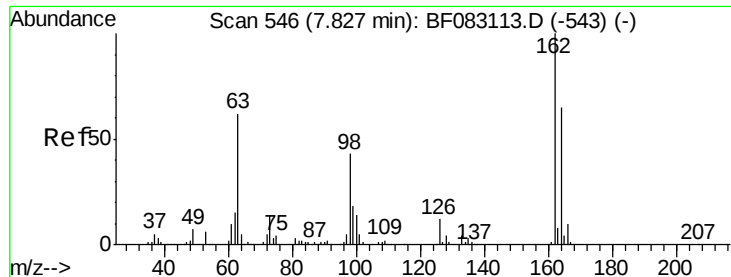
Acq: 21 Nov 2015 18:05

Tgt Ion:	93	Resp:	665402
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.5	39.7
123	8.9	8.1	12.1



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





#29

2,4-Dichlorophenol

Concen: 39.74 ng

RT: 7.83 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

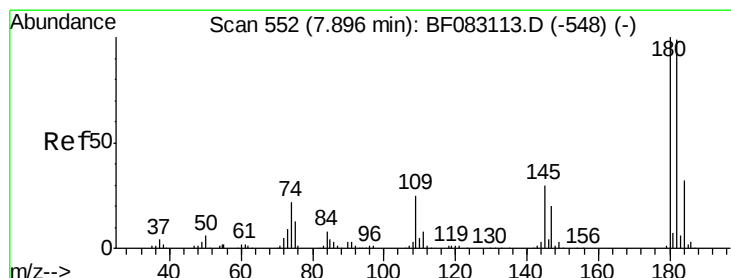
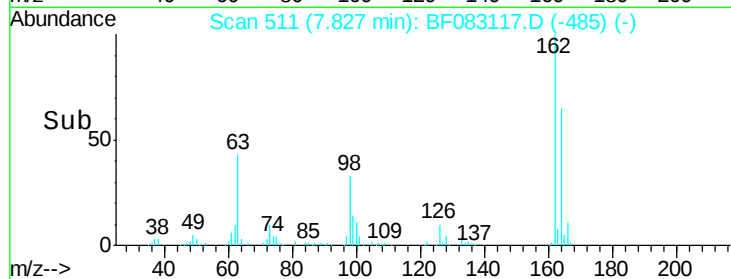
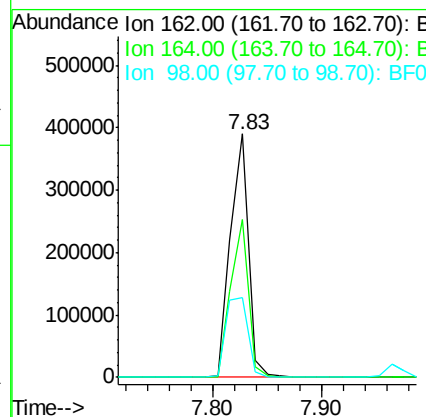
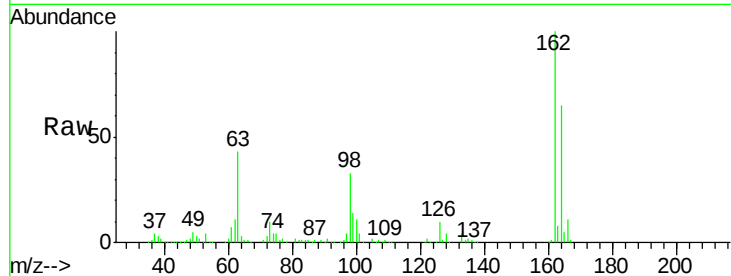
ClientSampleId :

ICVBF112115

Tot Ion:	162	Resp:	445177
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.8	84.8
98	32.9	23.1	63.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.85 ng

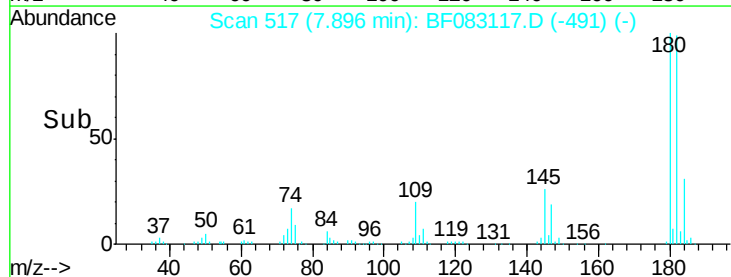
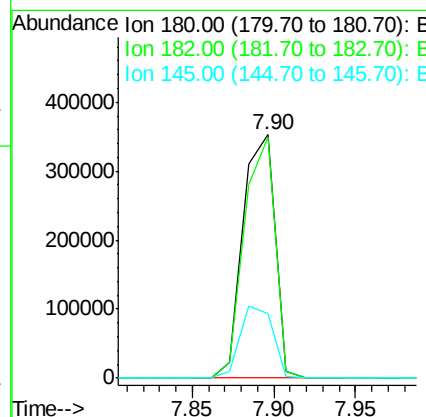
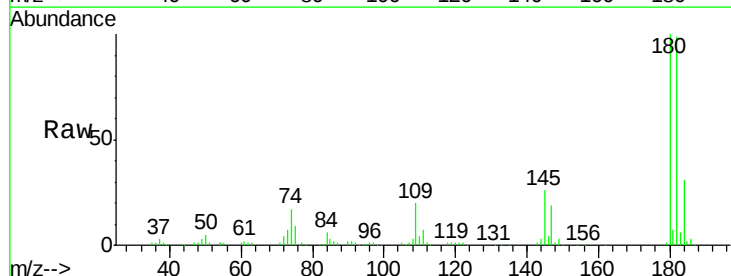
RT: 7.90 min Scan# 517

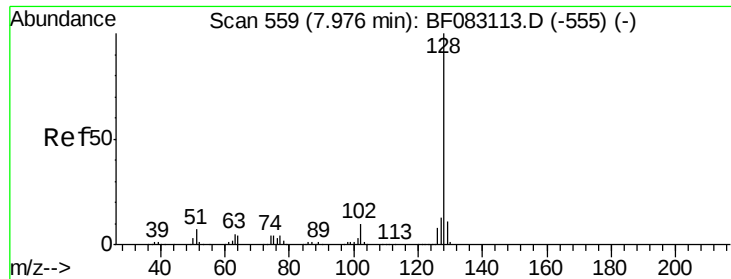
Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:	180	Resp:	477992
Ion Ratio	Lower	Upper	
180	100		
182	99.1	79.0	118.6
145	26.4	24.2	36.2





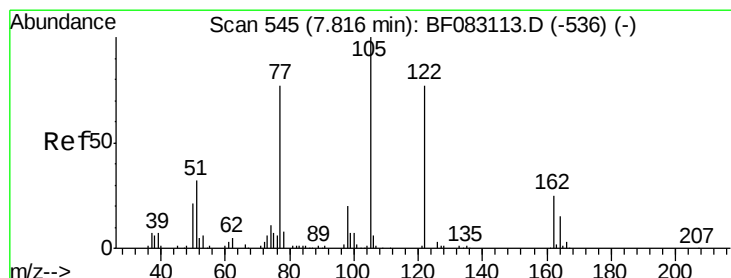
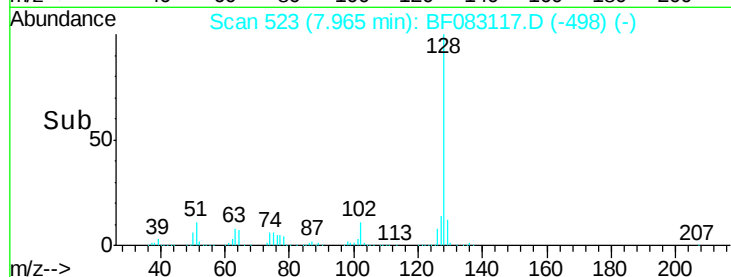
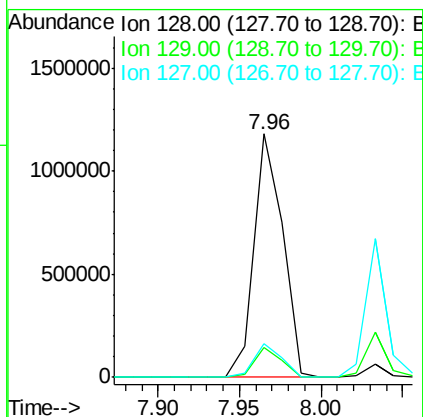
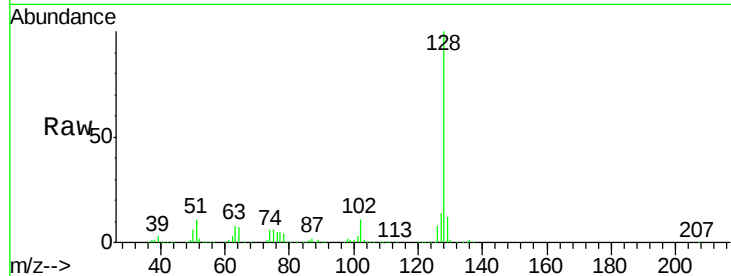
#31
Naphthalene
Concen: 37.51 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tot Ion:128 Resp: 1446924
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.4
127 13.8 10.6 15.8

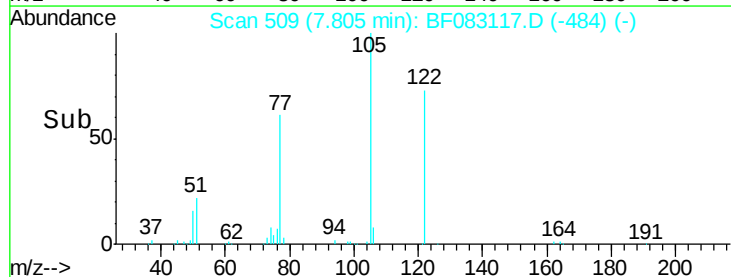
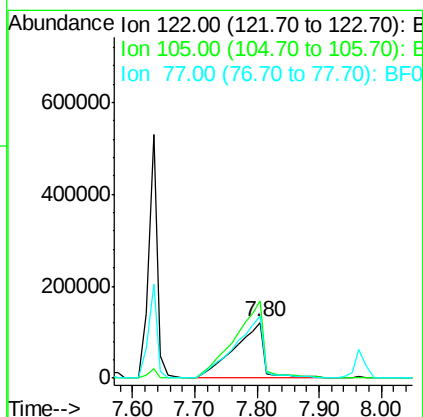
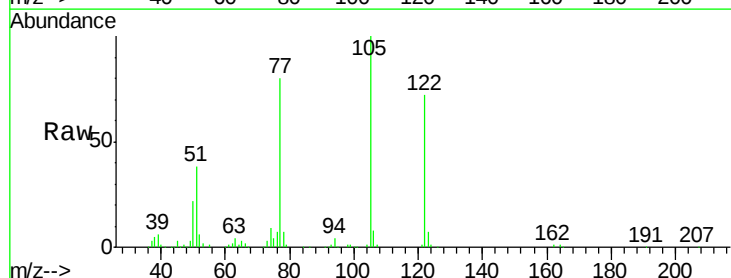
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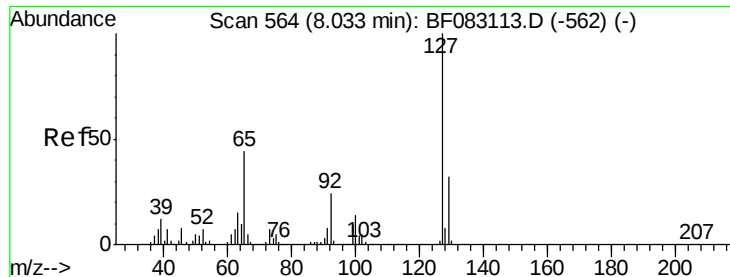
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#32
Benzoic acid
Concen: 43.88 ng
RT: 7.80 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion:122 Resp: 401673
Ion Ratio Lower Upper
122 100
105 138.2 109.7 149.7
77 111.2 79.7 119.7





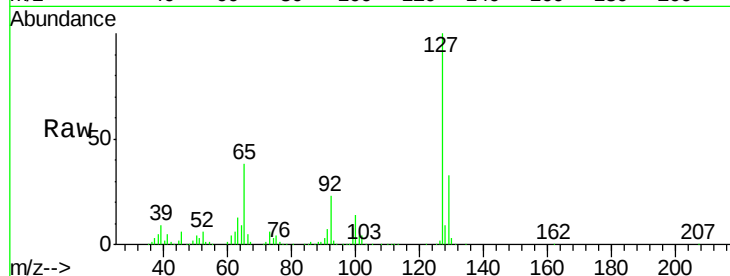
#33
4-Chloroaniline
Concen: 41.34 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

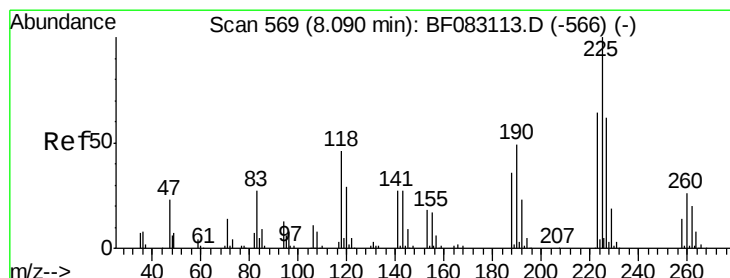
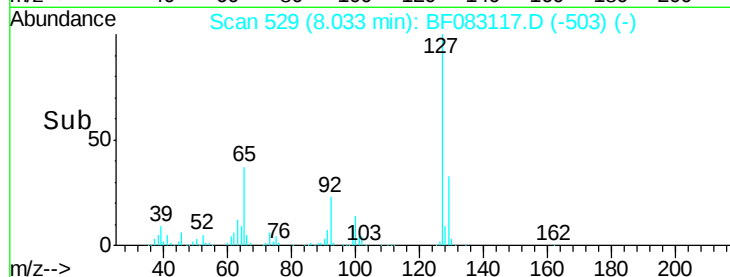
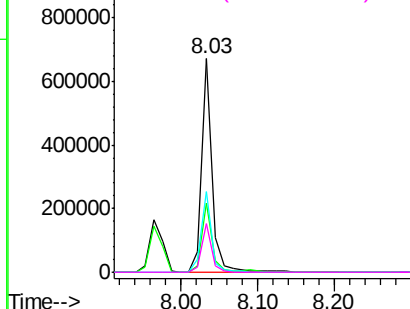
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		618720		
129	32.7	25.7	38.5		
65	37.6	35.5	53.3		
92	22.7	19.4	29.2		

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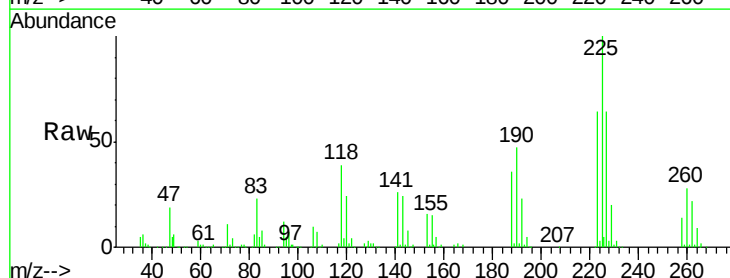


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

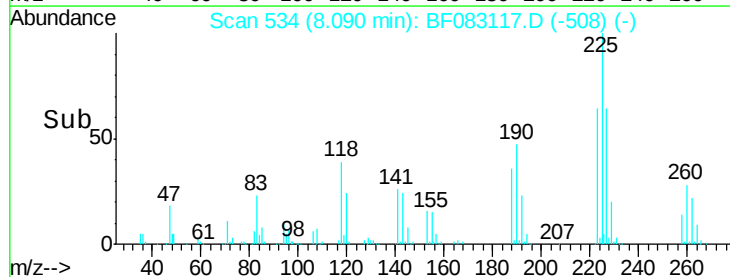
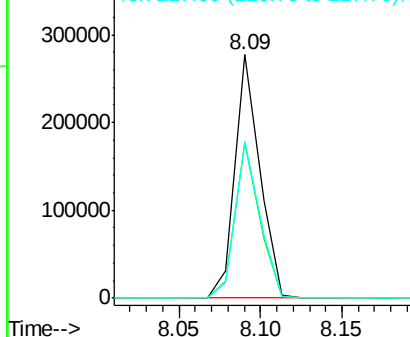


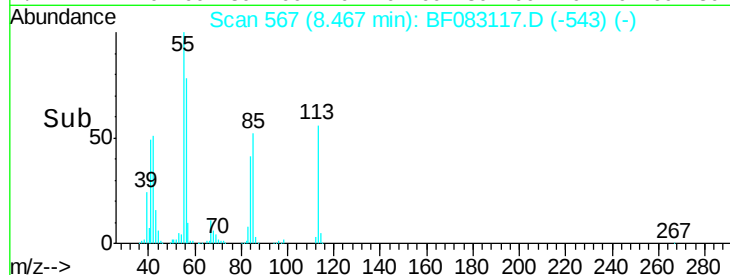
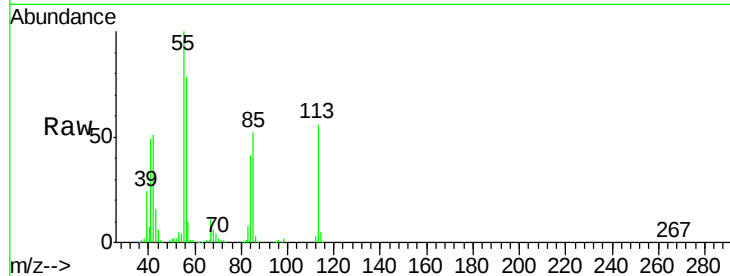
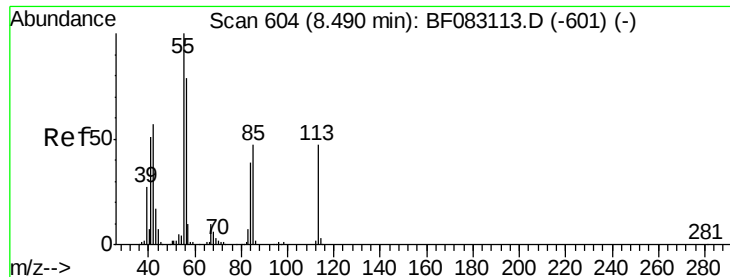
#34
Hexachlorobutadiene
Concen: 39.97 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		290594		
223	63.9	51.3	76.9		
227	64.2	49.8	74.8		



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





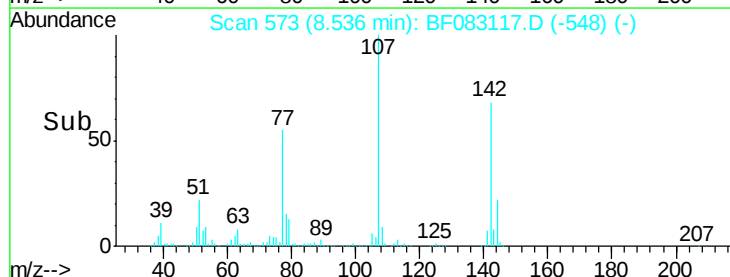
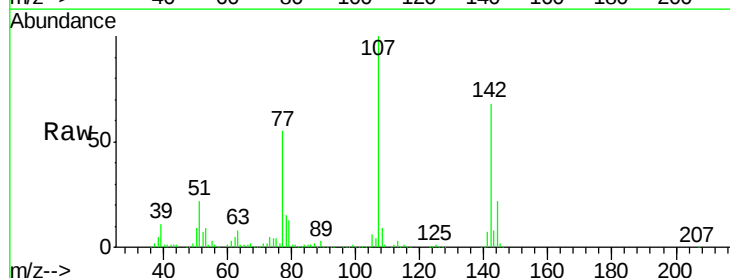
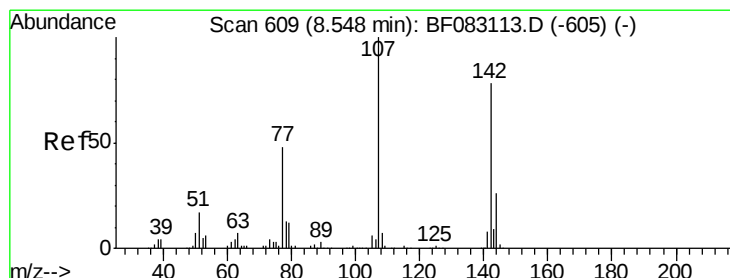
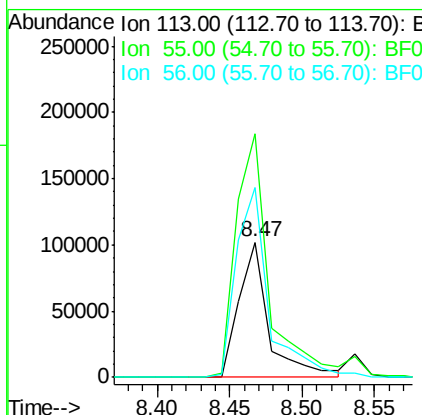
#35
Caprolactam
Concen: 40.68 ng
RT: 8.47 min Scan# 567
Delta R.T. -0.02 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	179.8	192.6	232.6#	
56	140.5	148.6	188.6#	

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

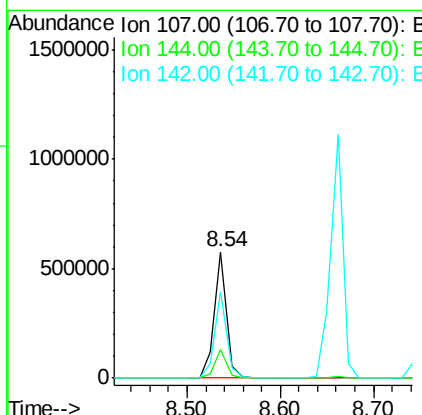
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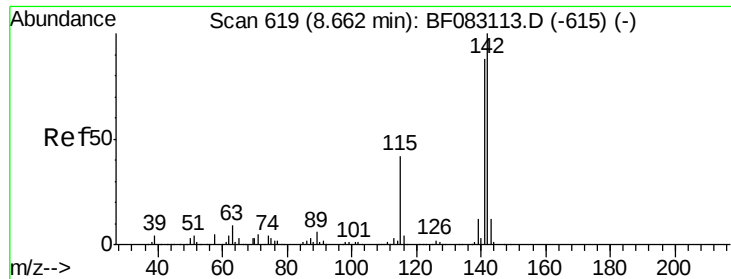
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11/23/2015 7:01:26 PM



#36
4-Chloro-3-methylphenol
Concen: 40.32 ng
RT: 8.54 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.2	20.8	31.2	
142	68.1	62.1	93.1	





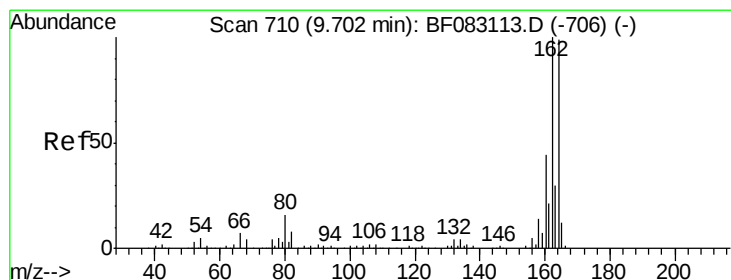
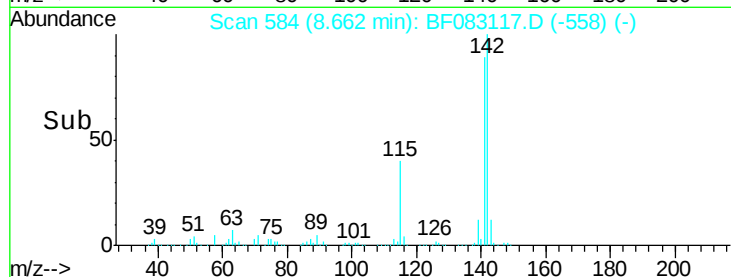
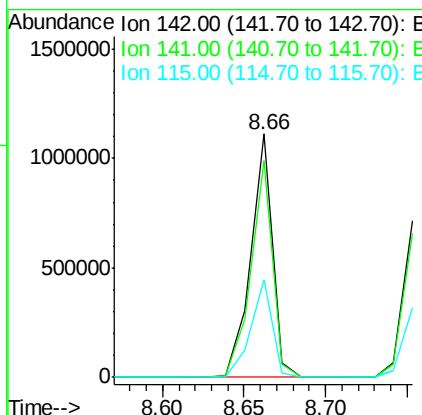
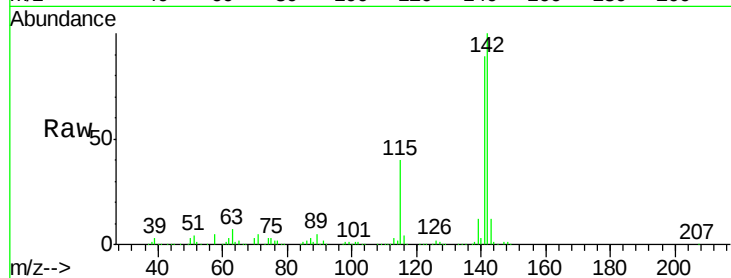
#37
2-Methylnaphthalene
Concen: 41.07 ng
RT: 8.66 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	39.9	33.4	50.2

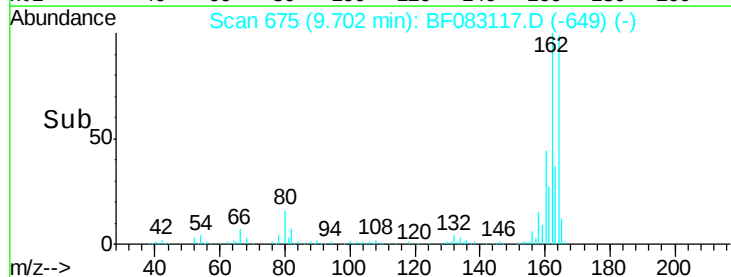
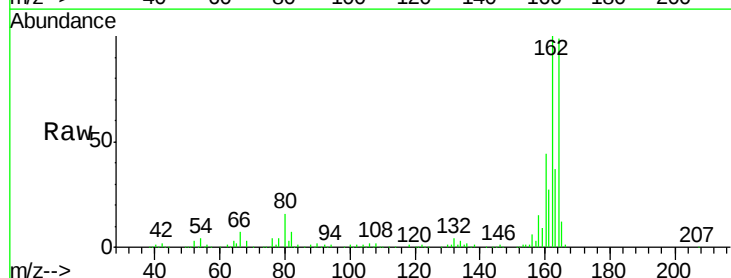
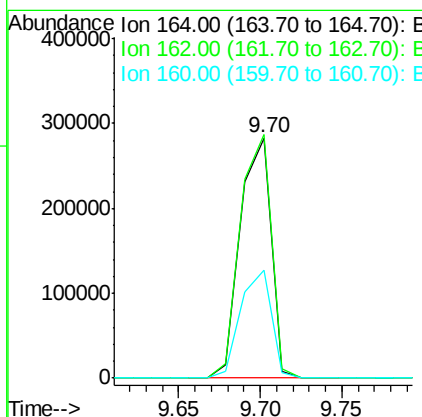
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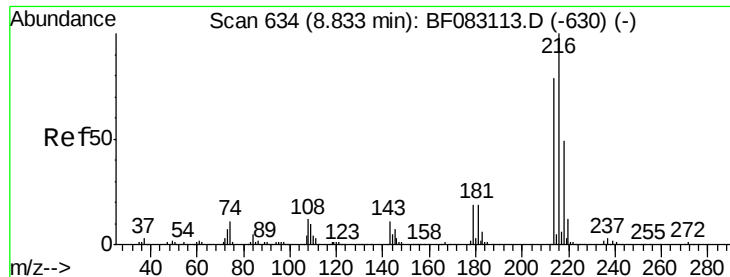
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.2	121.8
160	44.9	35.6	53.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.86 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

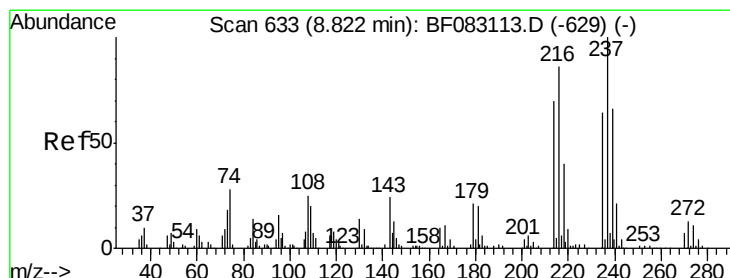
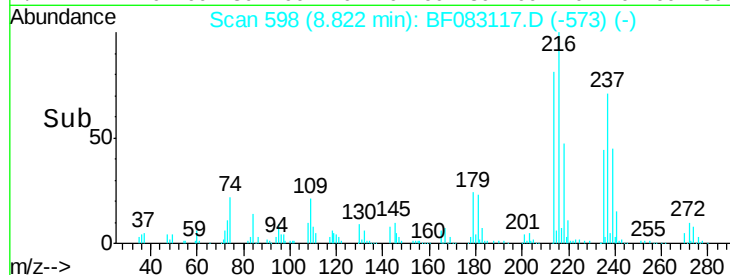
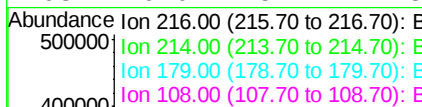
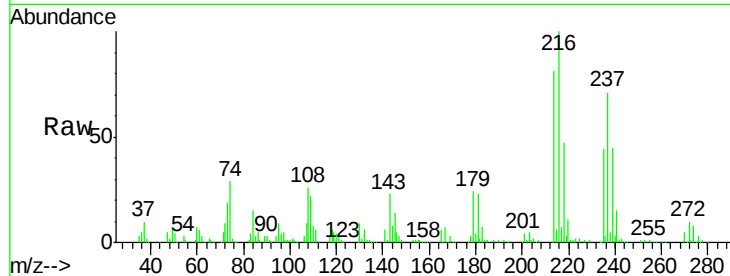
ClientSampleId :

ICVBF112115

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		441448		
214	78.6		63.8	95.8	
179	20.8		17.0	25.6	
108	20.0		15.2	22.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 38.97 ng

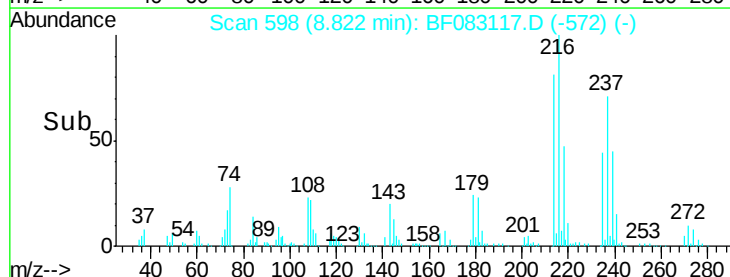
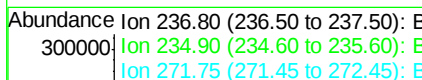
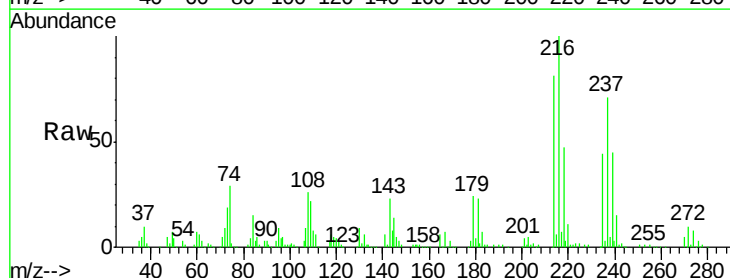
RT: 8.82 min Scan# 598

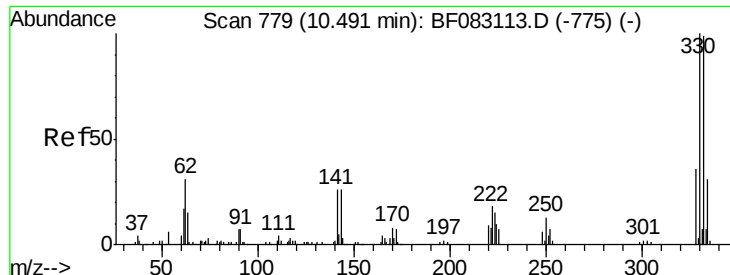
Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		265388		
235	62.2		43.5	83.5	
272	14.2		0.0	33.1	





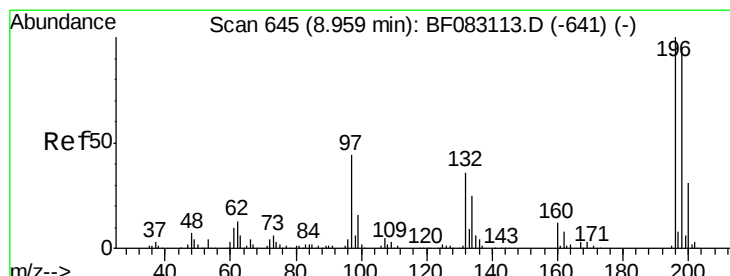
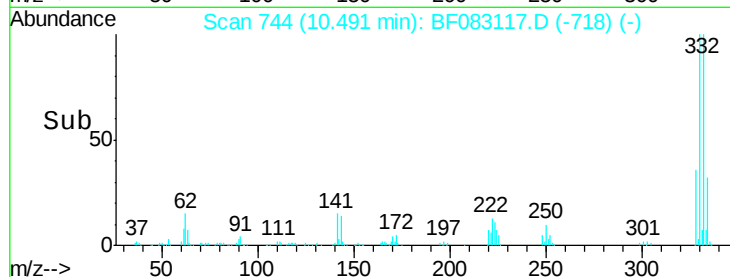
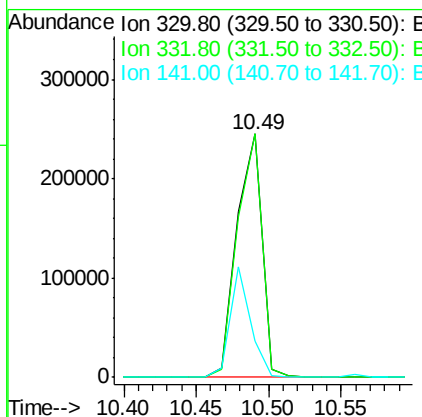
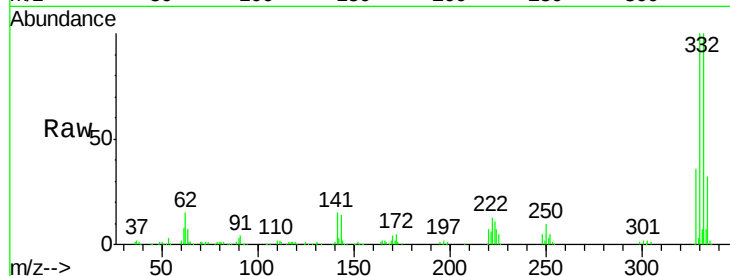
#41
 2,4,6-Tribromophenol
 Concen: 78.12 ng
 RT: 10.49 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tot Ion	Ratio	Resp	Lower	Upper
330	100	295286		
332	98.9	77.7	116.5	
141	37.3	29.7	44.5	

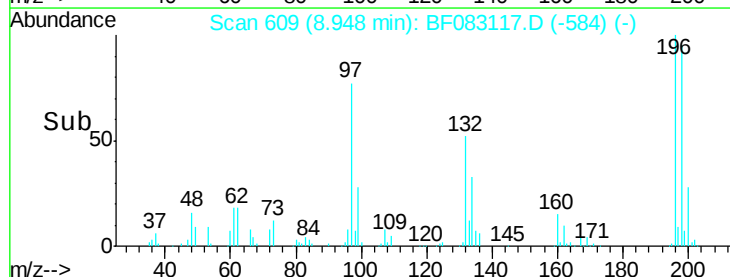
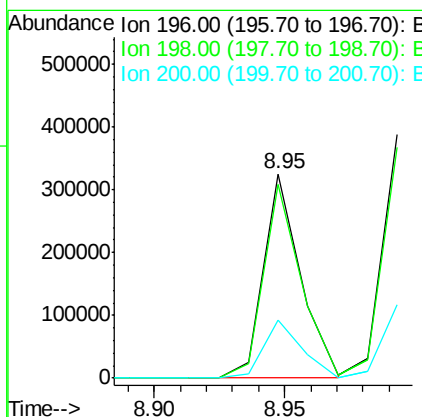
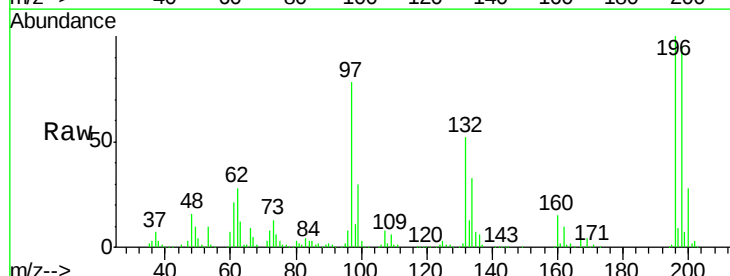
Manual Integrations
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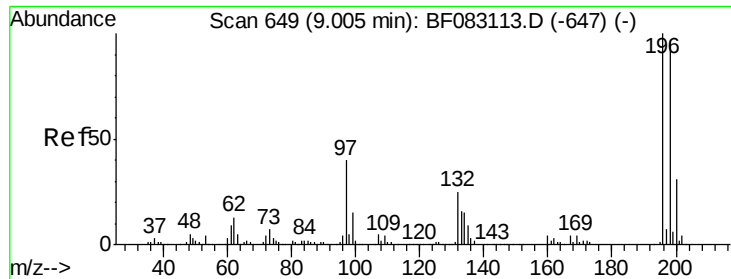
Mmdadoda
 11/23/2015 7:01:26 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.67 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	323056		
198	94.6	75.9	113.9	
200	28.5	24.5	36.7	





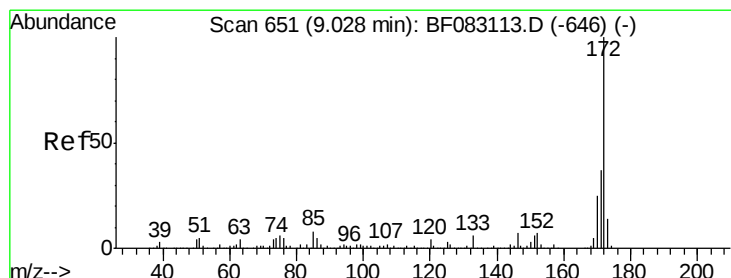
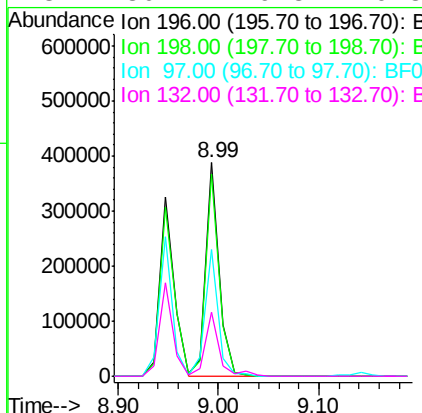
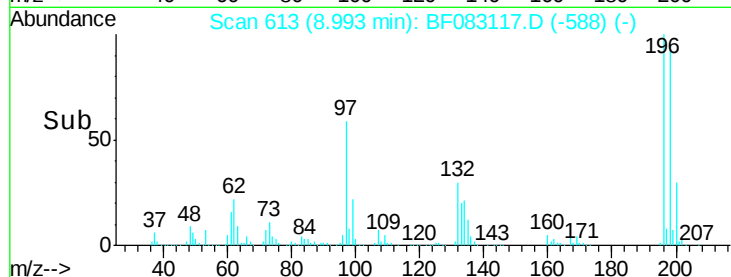
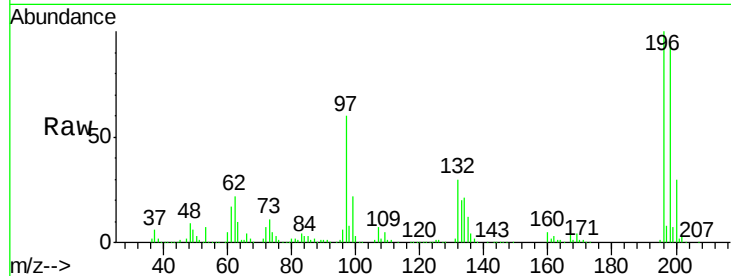
#43
2,4,5-Trichlorophenol
Concen: 40.85 ng
RT: 8.99 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tot Ion	Ratio	Resp	Lower	Upper
196	100	358226		
198	94.8	77.6	116.4	
97	59.6	32.6	48.8	
132	30.2	19.8	29.8	

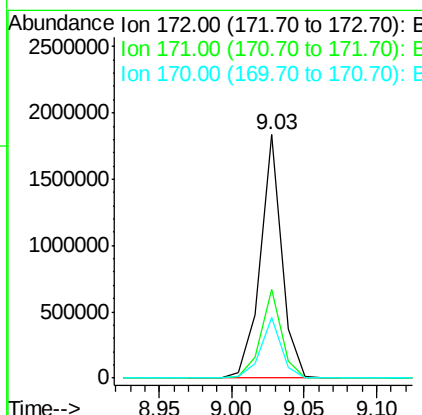
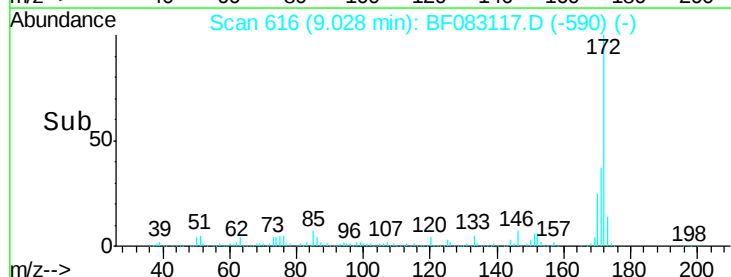
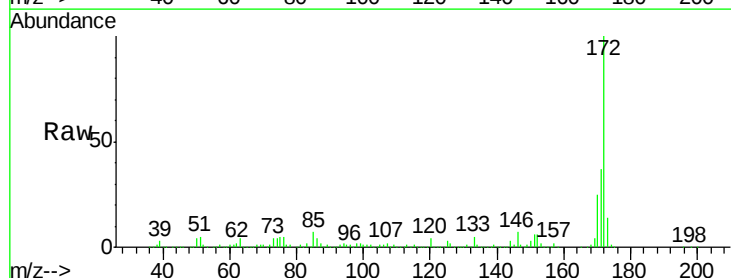
Manual Integrations
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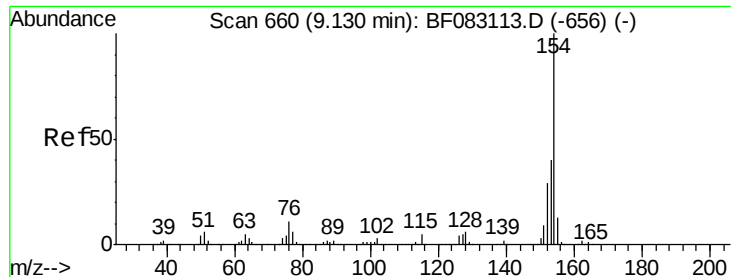
Mmdadoda
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#44
2-Fluorobiphenyl
Concen: 70.75 ng
RT: 9.03 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1874541		
171	36.7	29.5	44.3	
170	24.9	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 39.33 ng

RT: 9.13 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

Tot Ion:154 Resp: 1236827

Ion Ratio Lower Upper

154 100

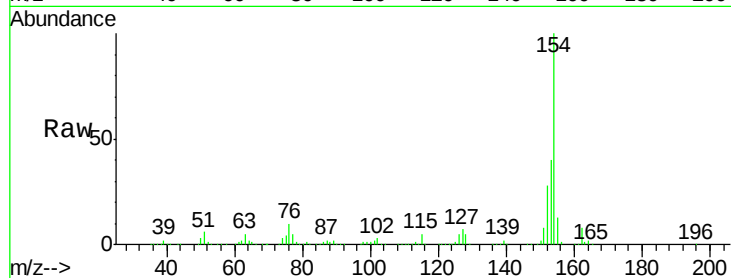
153 40.2 20.5 60.5

76 9.8 0.0 31.2

Manual Integrations
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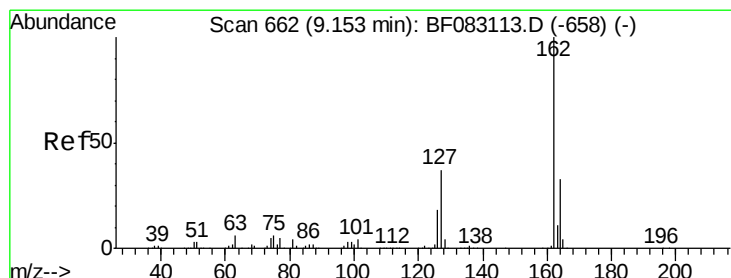
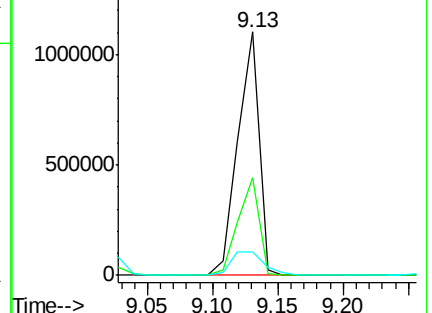
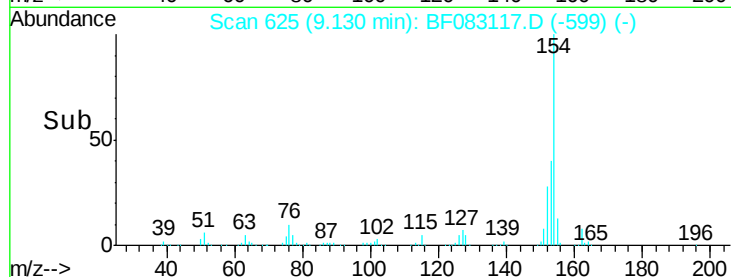
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 36.94 ng

RT: 9.14 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

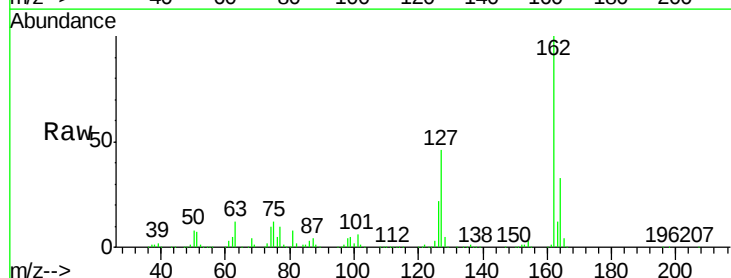
Tgt Ion:162 Resp: 912380

Ion Ratio Lower Upper

162 100

127 45.9 29.4 44.2#

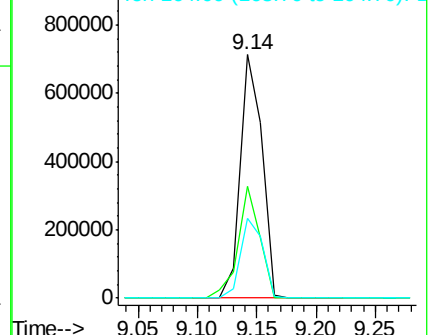
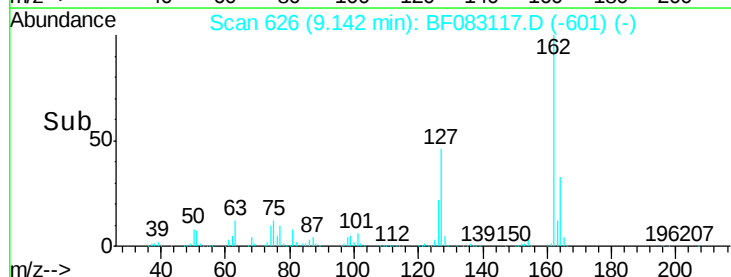
164 33.0 26.2 39.4

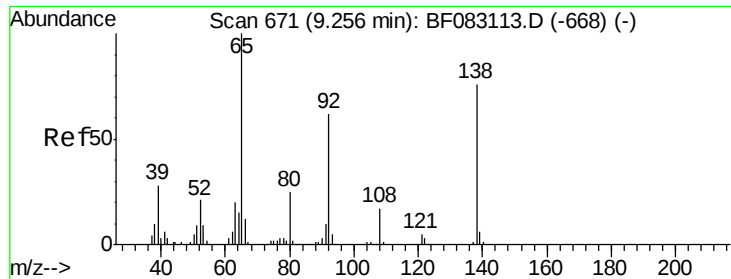


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.90 ng

RT: 9.26 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

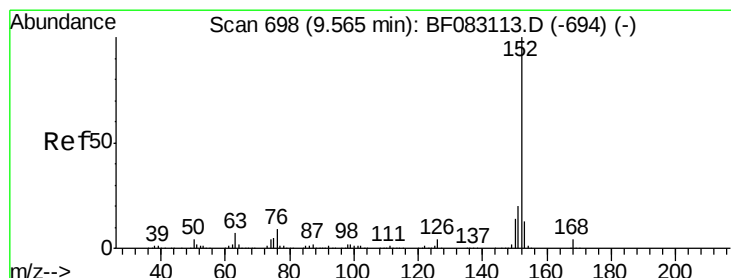
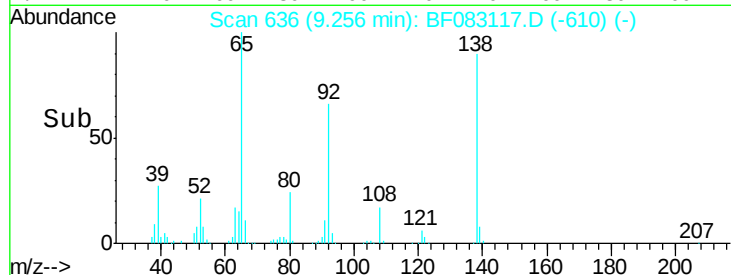
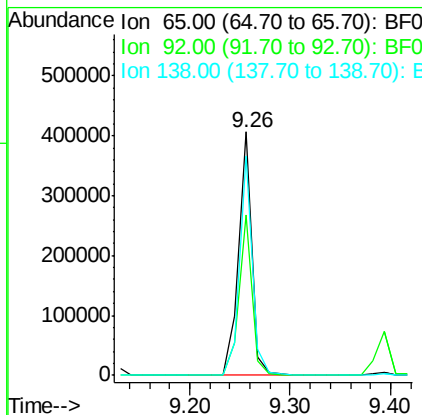
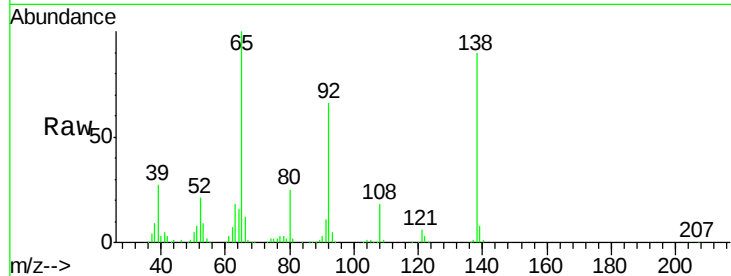
ClientSampleId :

ICVBF112115

Tot Ion:	65	Resp:	374889
Ion Ratio	Lower	Upper	
65	100		
92	65.9	49.5	74.3
138	90.3	60.7	91.1

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#48

Acenaphthylene

Concen: 38.35 ng

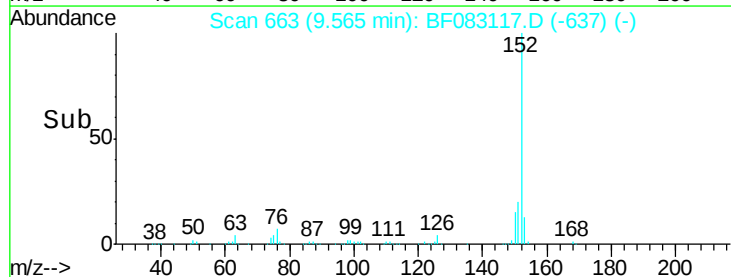
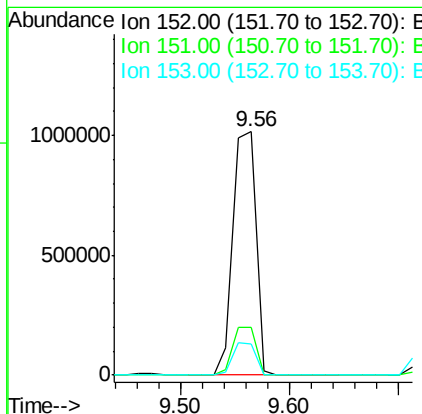
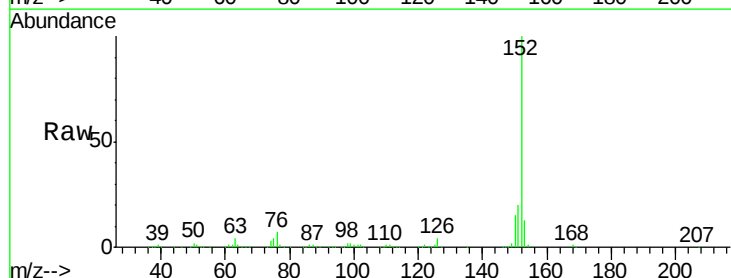
RT: 9.56 min Scan# 663

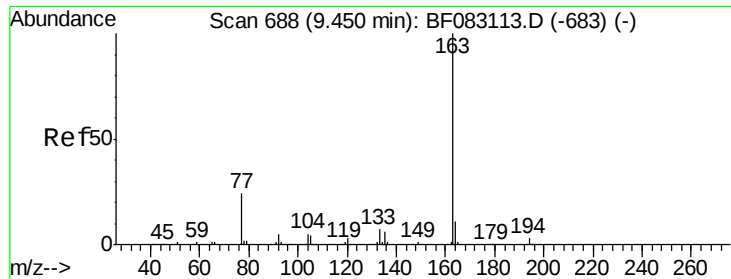
Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:	152	Resp:	1468115
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.3	24.5
153	13.0	10.8	16.2





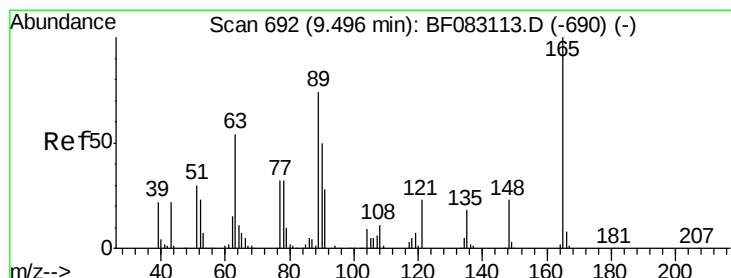
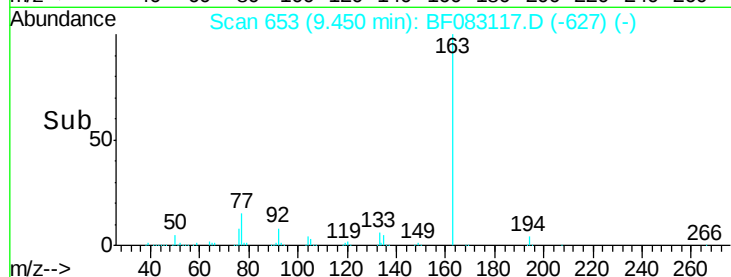
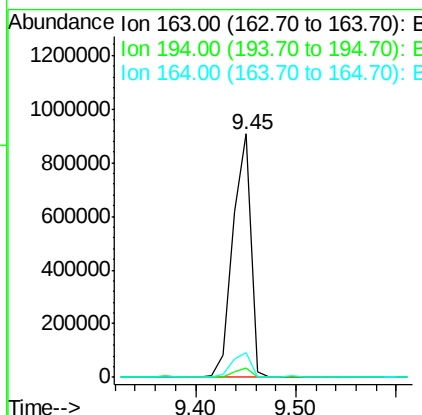
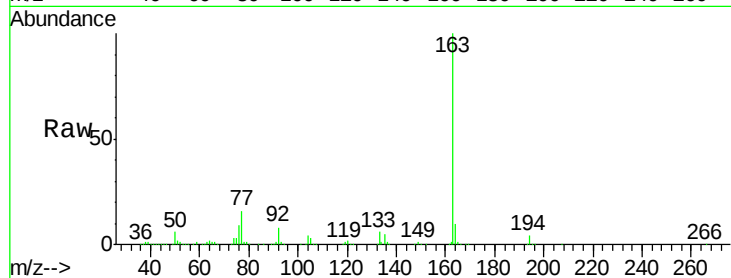
#49
Dimethylphthalate
Concen: 39.54 ng
RT: 9.45 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	9.9	8.6	12.8

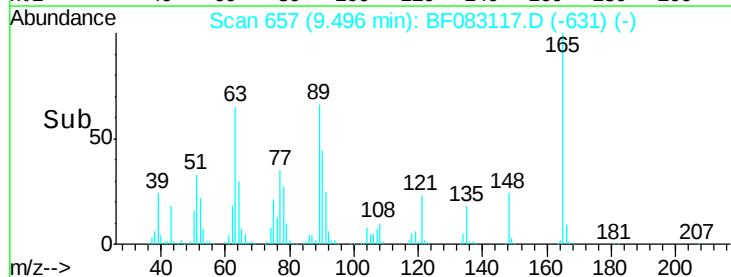
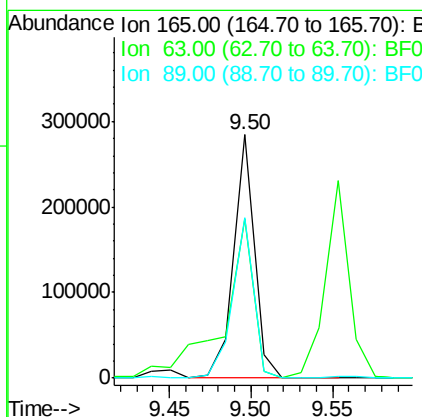
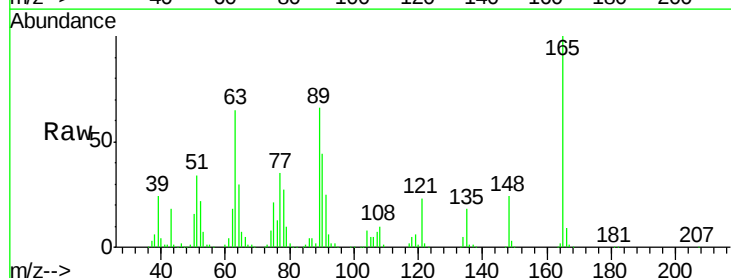
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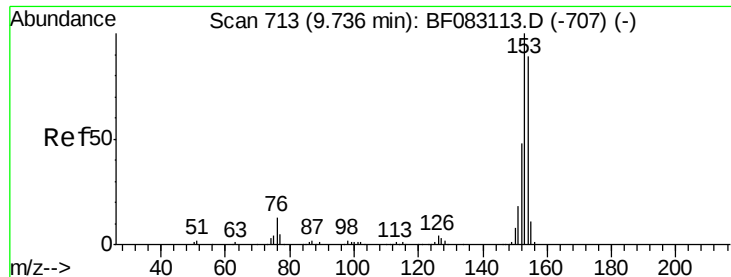
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#50
2,6-Dinitrotoluene
Concen: 38.98 ng
RT: 9.50 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.1	62.5	93.7
89	65.9	59.1	88.7





#51

Acenaphthene

Concen: 37.79 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

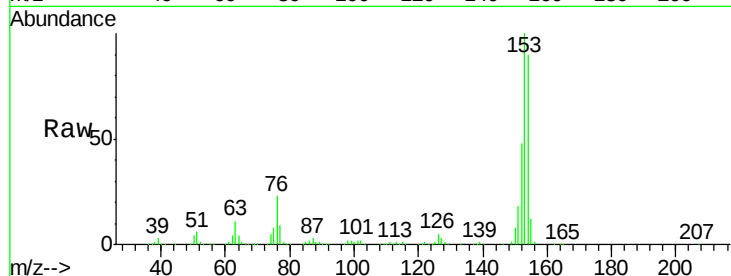
ClientSampleId :

ICVBF112115

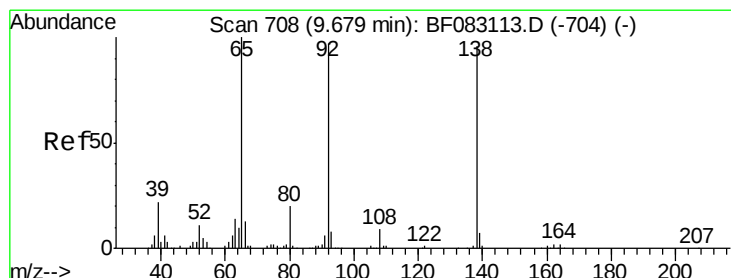
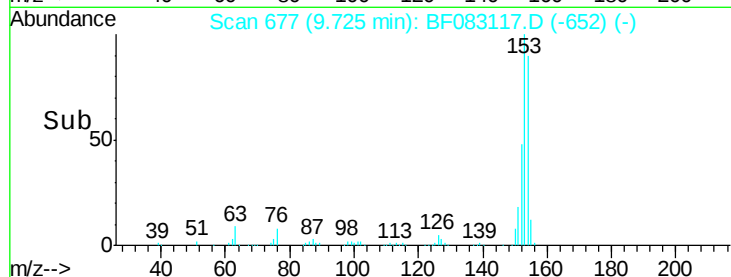
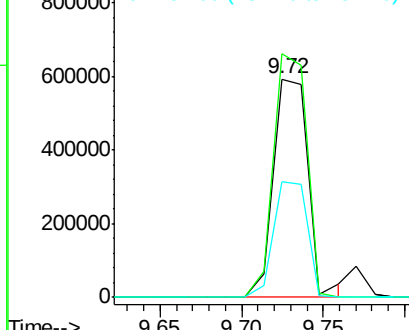
Tot Ion:	154	Resp:	880269
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.6	134.4
152	53.0	43.3	64.9

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



#52

3-Nitroaniline

Concen: 37.57 ng

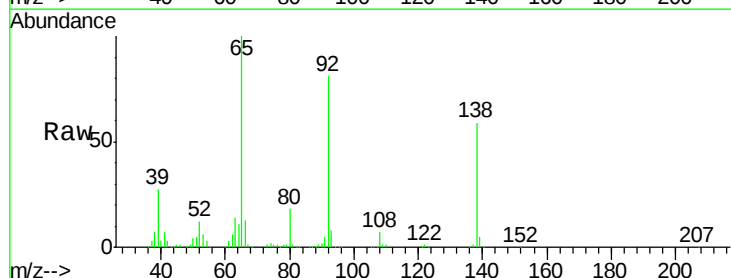
RT: 9.67 min Scan# 672

Delta R.T. -0.01 min

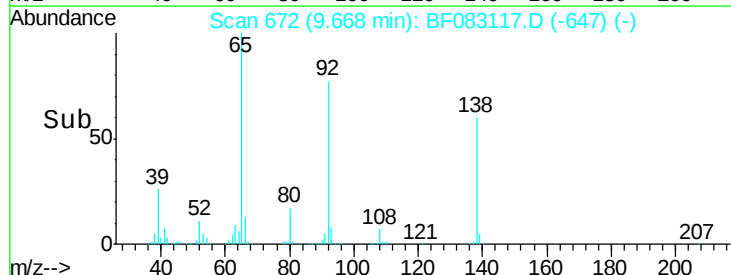
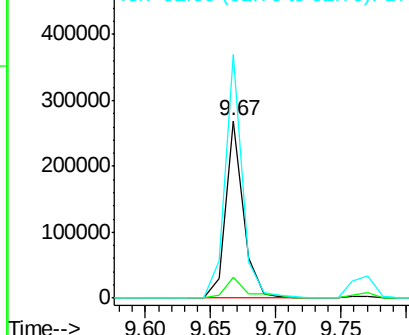
Lab File: BF083117.D

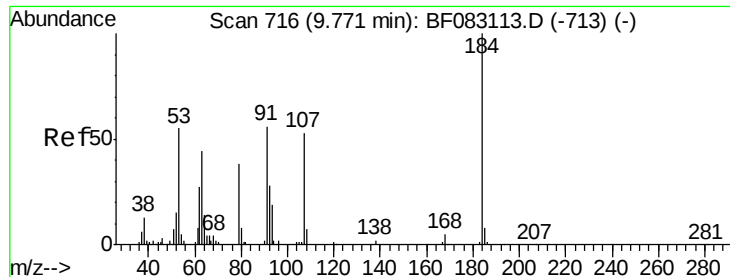
Acq: 21 Nov 2015 18:05

Tgt Ion:	138	Resp:	255687
Ion Ratio	Lower	Upper	
138	100		
108	11.8	7.8	11.6#
92	137.4	81.1	121.7#



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





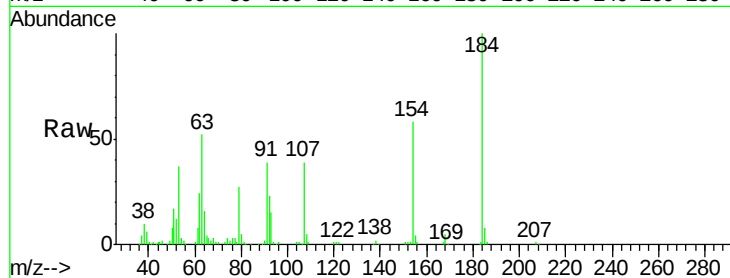
#53
2,4-Dinitrophenol
Concen: 40.97 ng
RT: 9.77 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

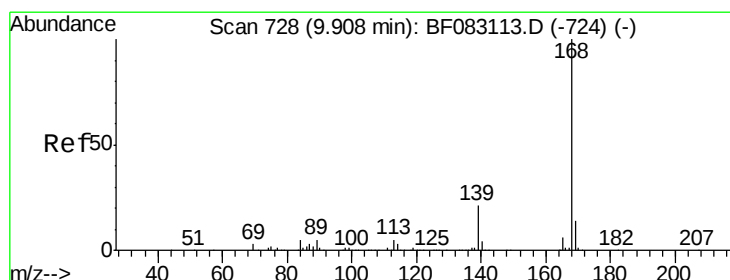
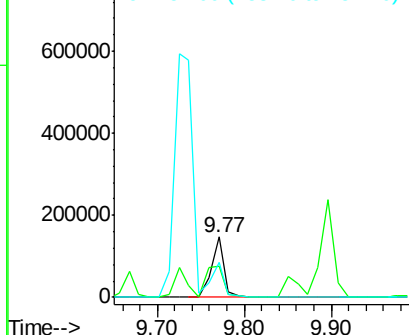
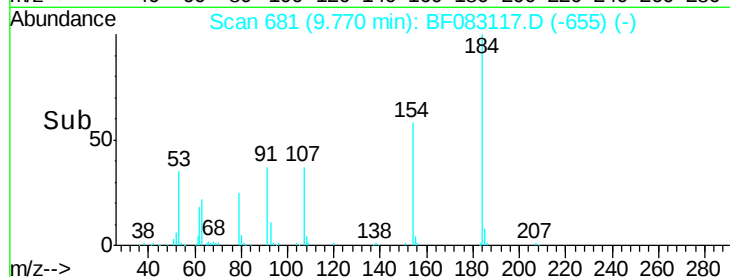
Tot Ion	Ratio	Resp	Lower	Upper
184	100	150659		
63	52.1	60.5	90.7#	
154	58.1	54.3	81.5	

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11/23/2015 7:01:26 PM

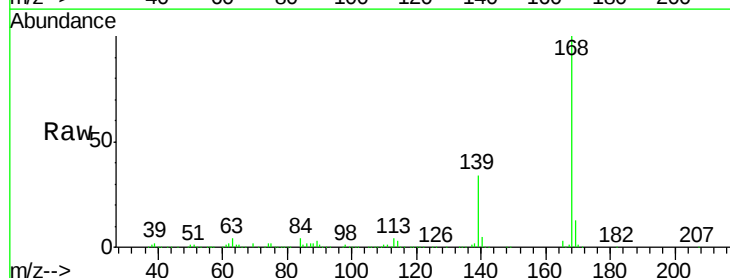


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

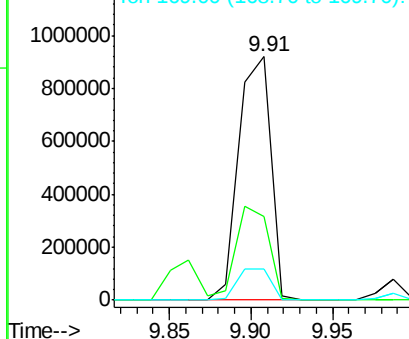
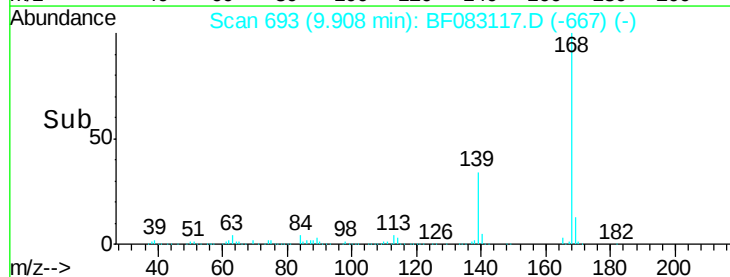


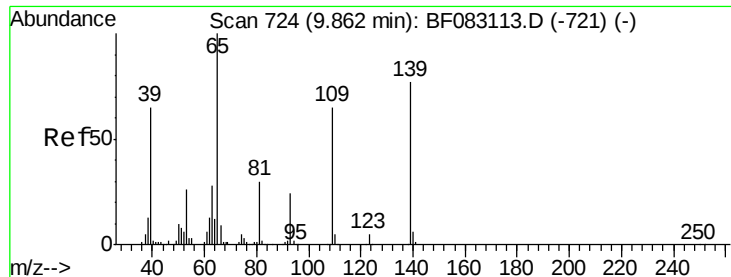
#54
Dibenzofuran
Concen: 37.94 ng
RT: 9.91 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1249852		
139	34.3	30.2	45.2	
169	12.9	10.9	16.3	



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





#55

4-Nitrophenol

Concen: 37.14 ng

RT: 9.86 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

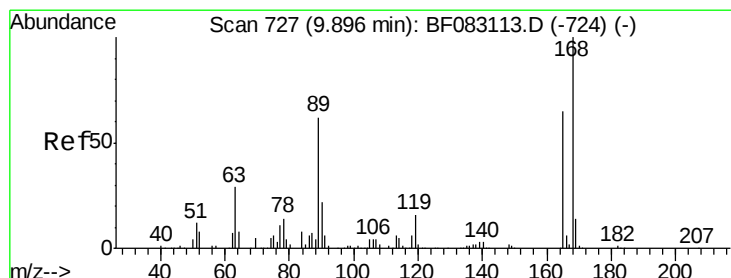
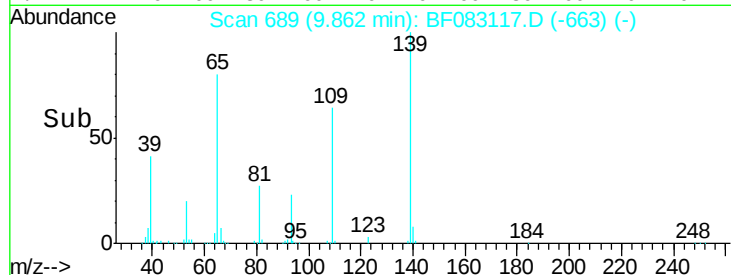
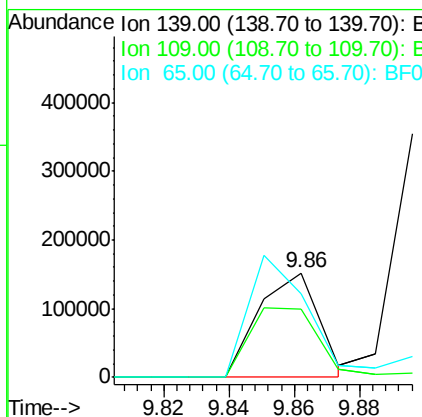
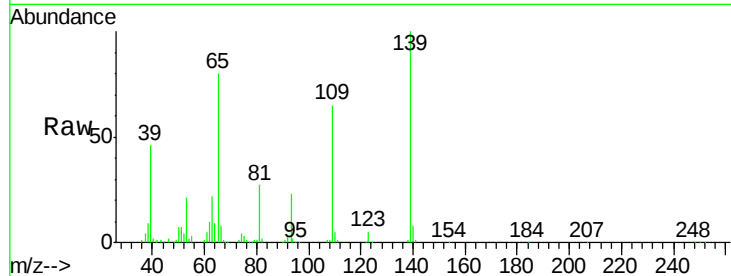
ClientSampleId :

ICVBF112115

Tot Ion:	139	Resp:	193793
Ion Ratio	Lower	Upper	
139	100		
109	65.4	64.0	104.0
65	80.4	109.5	149.5#

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#56

2,4-Dinitrotoluene

Concen: 40.32 ng

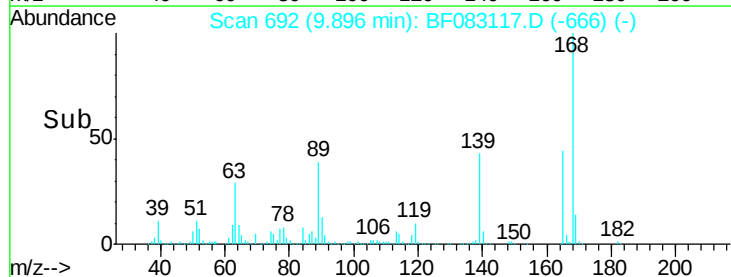
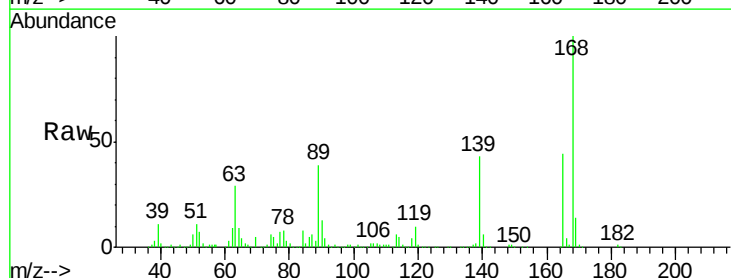
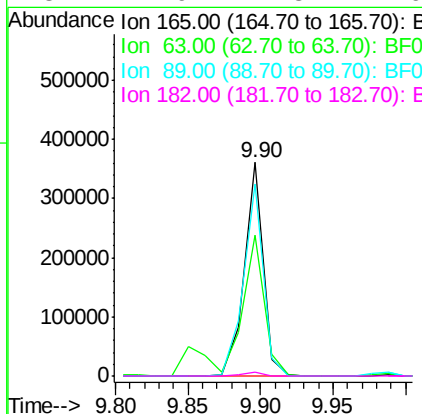
RT: 9.90 min Scan# 692

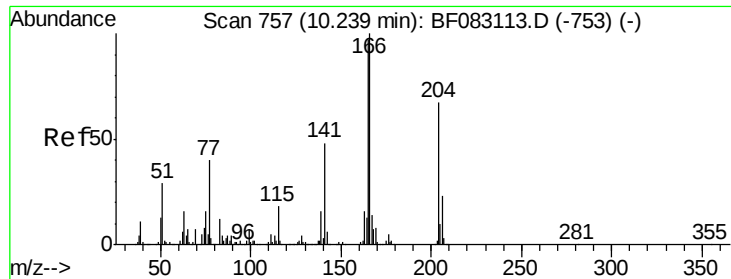
Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:	165	Resp:	326046
Ion Ratio	Lower	Upper	
165	100		
63	66.0	54.5	81.7
89	89.7	77.3	115.9
182	1.9	1.8	2.6





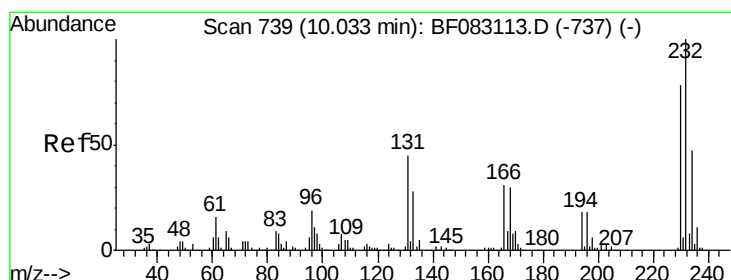
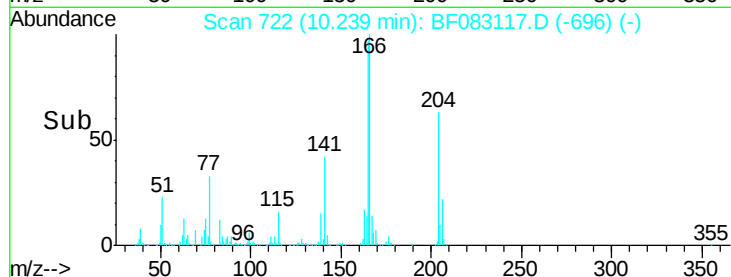
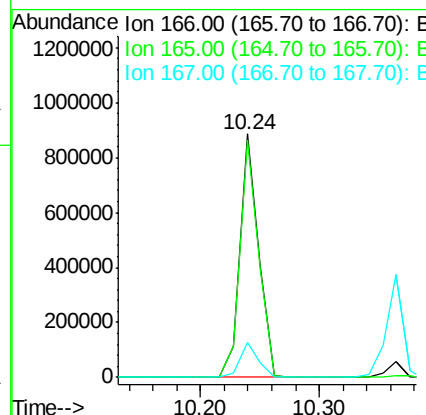
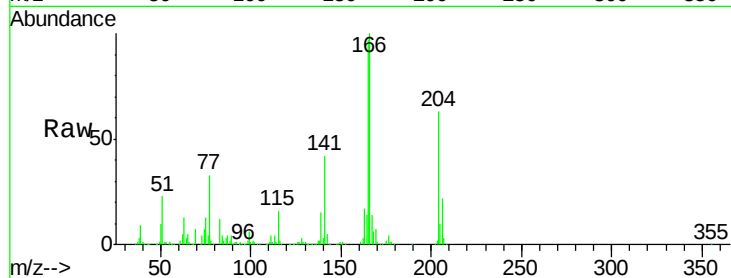
#57
 Fluorene
 Concen: 35.64 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	14.2	11.3	16.9

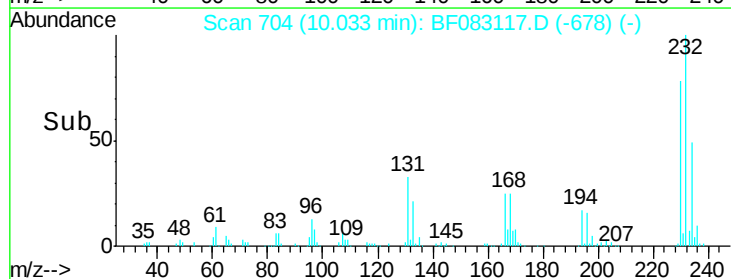
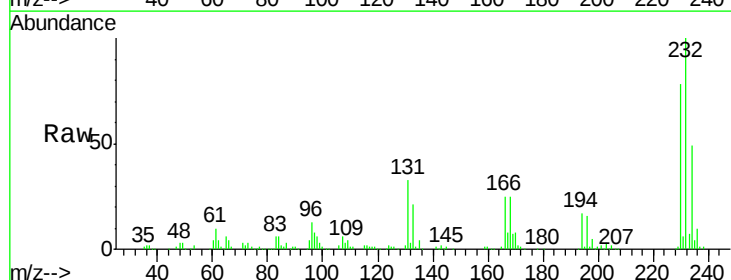
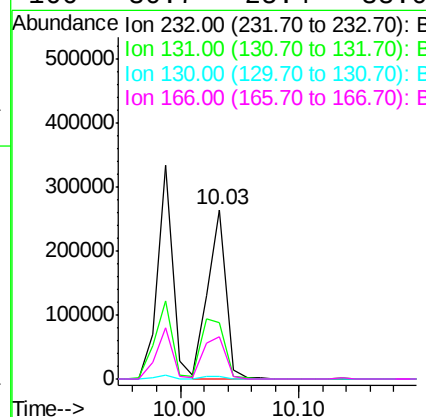
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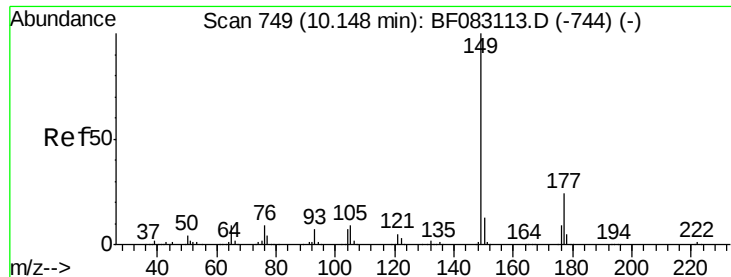
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.42 ng
 RT: 10.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.5	38.6	57.8
130	2.1	1.9	2.9
166	30.7	25.4	38.0





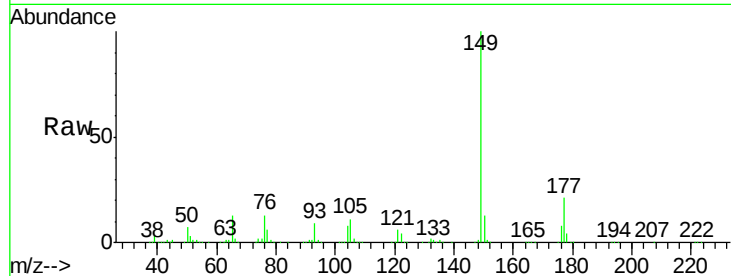
#59
Diethylphthalate
Concen: 37.75 ng
RT: 10.14 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

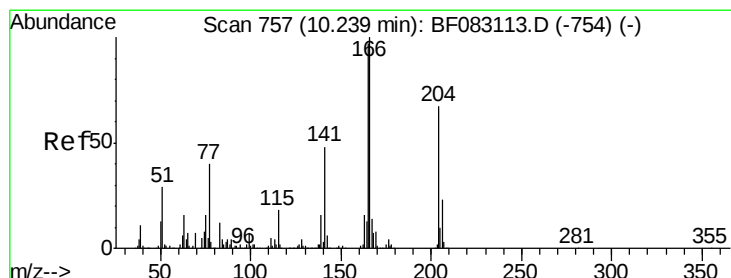
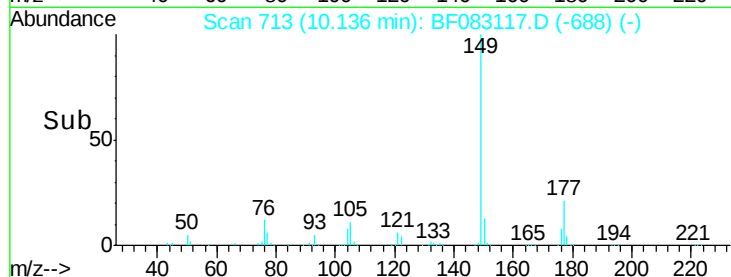
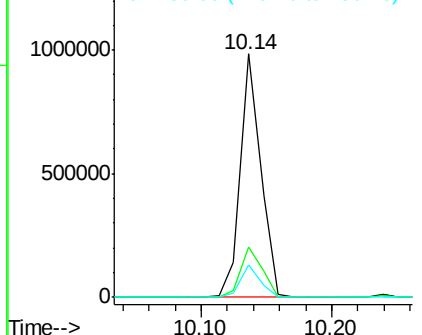
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
177	20.9	19.4	29.2	
150	13.1	10.2	15.2	

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11/23/2015 7:01:26 PM



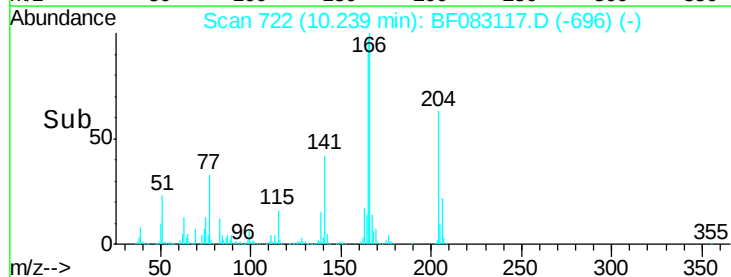
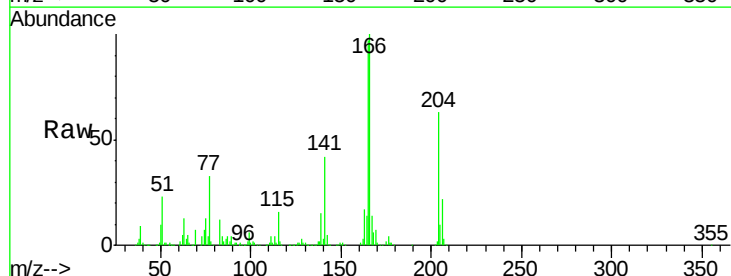
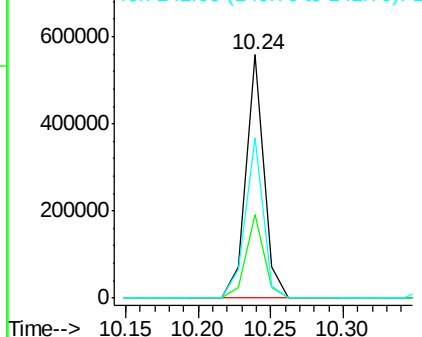
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

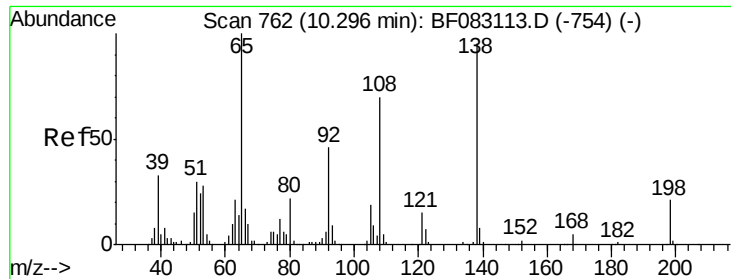


#60
4-Chlorophenyl-phenylether
Concen: 38.72 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ion	Ratio	Lower	Upper
204	100			
206	34.2	27.4	41.0	
141	66.0	57.4	86.2	

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: 40.12 ng

RT: 10.28 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

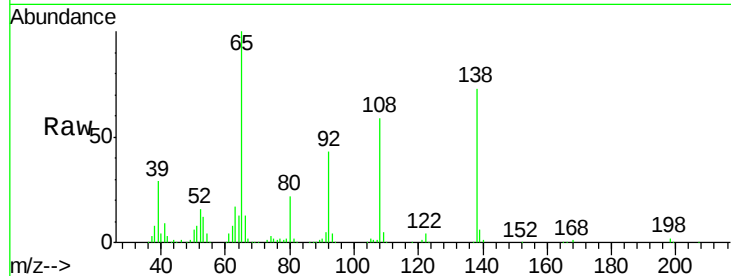
ClientSampleId :

ICVBF112115

Tot Ion:	138	Resp:	268803
Ion Ratio	Lower	Upper	
138	100		
92	59.4	28.4	68.4
108	81.2	53.5	93.5

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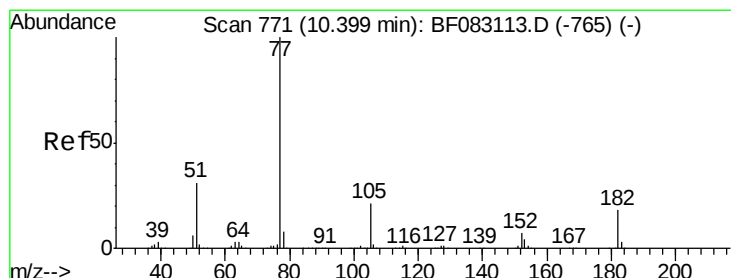
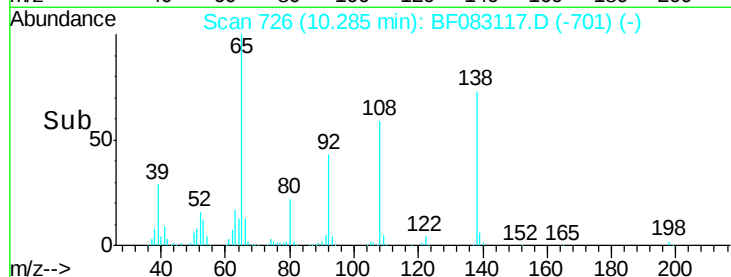
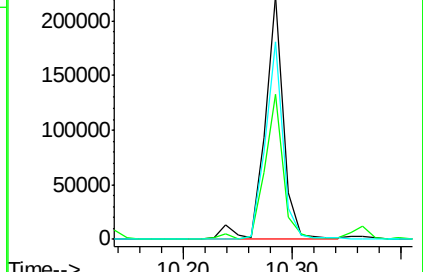
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11/23/2015 7:01:26 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.50 ng

RT: 10.40 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

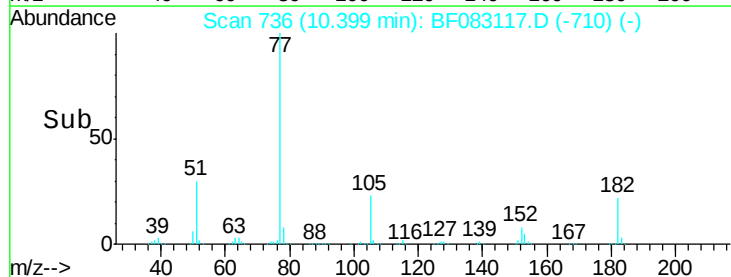
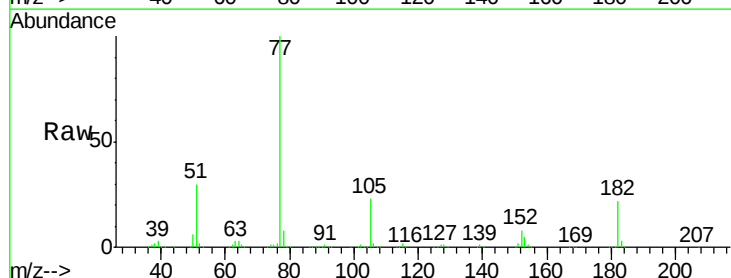
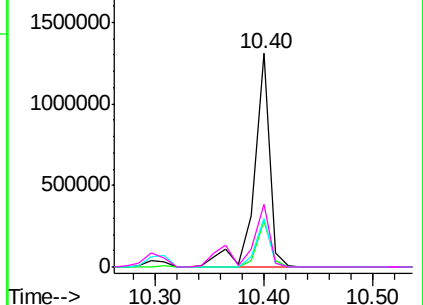
Tgt Ion:	77	Resp:	1308785
Ion Ratio	Lower	Upper	
77	100		
182	21.6	0.0	38.3
105	22.8	1.2	41.2
51	29.6	11.1	51.1

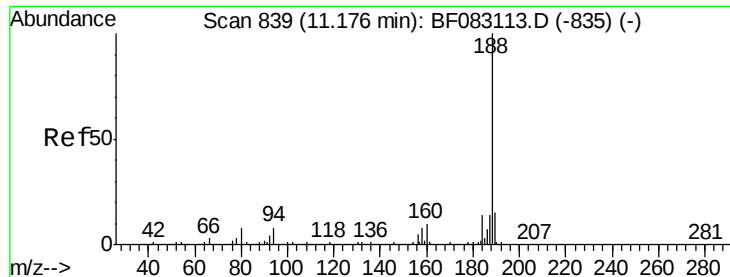
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





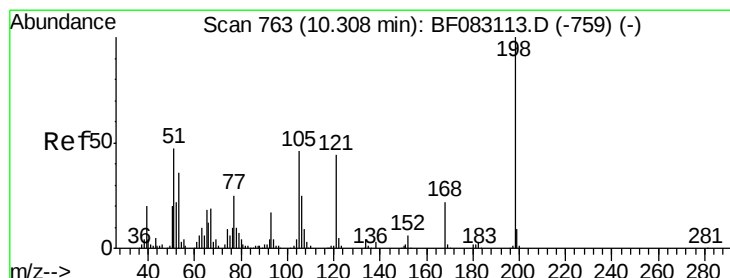
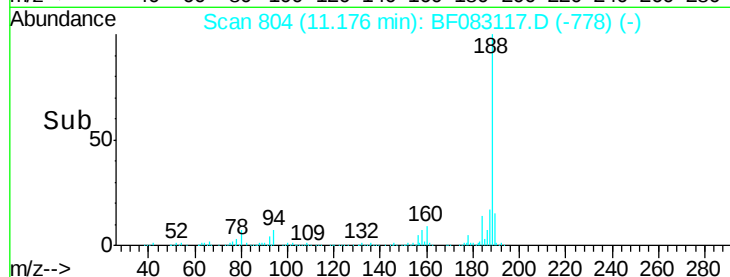
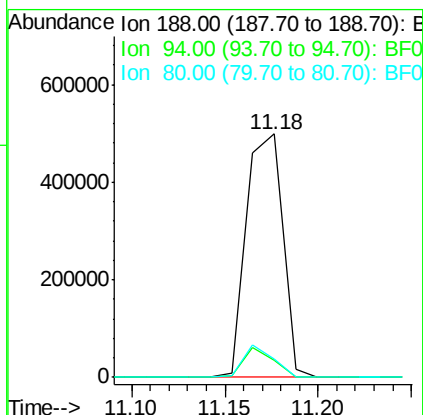
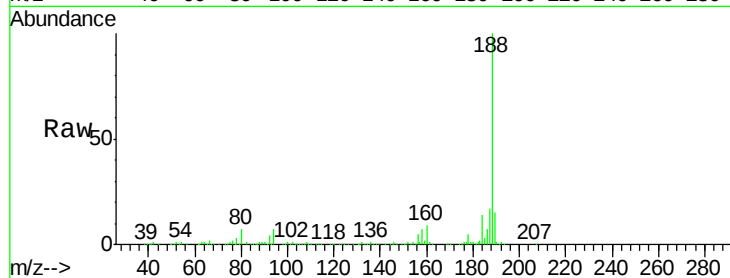
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tot Ion	Ratio	Resp	Lower	Upper
188	100	677843		
94	6.8		6.0	9.0
80	7.4		6.7	10.1

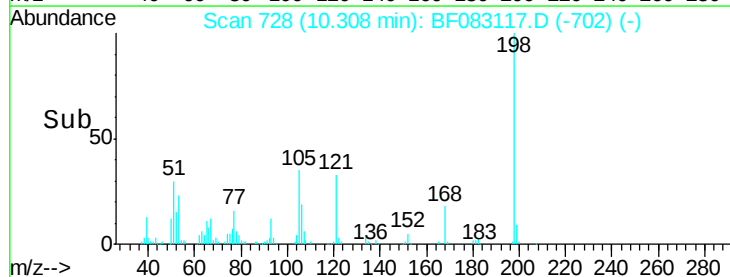
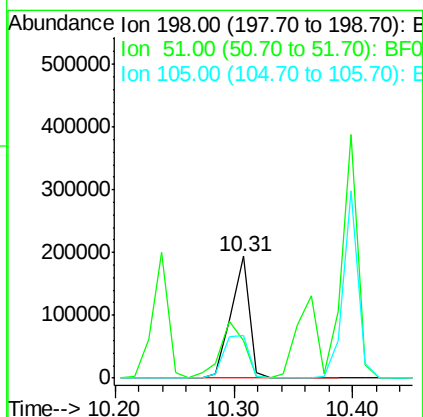
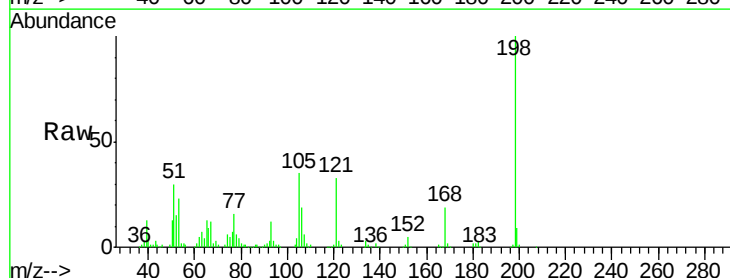
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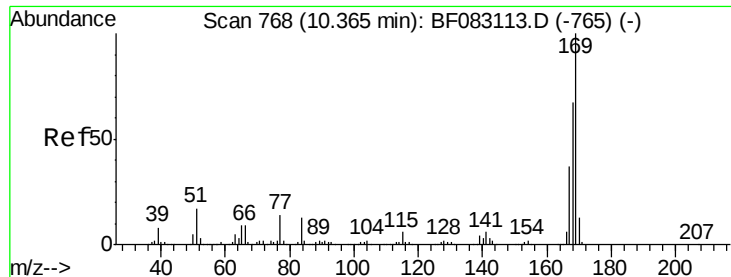
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11/23/2015 7:01:26 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.57 ng
RT: 10.31 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	208140		
51	30.4		27.0	67.0
105	35.0		26.1	66.1





#65

n-Nitrosodiphenylamine

Concen: 41.42 ng

RT: 10.36 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

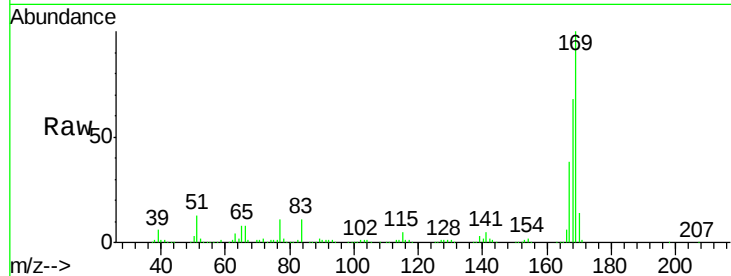
ClientSampleId :

ICVBF112115

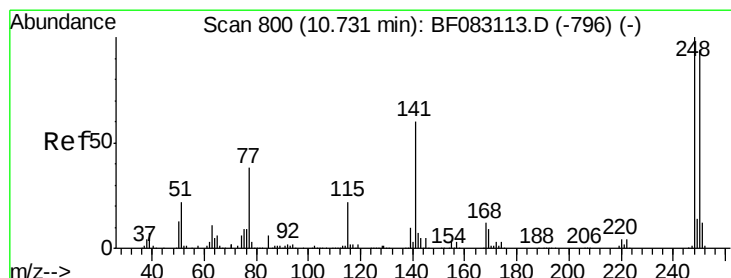
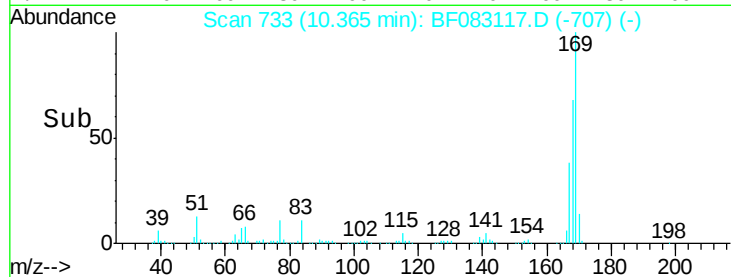
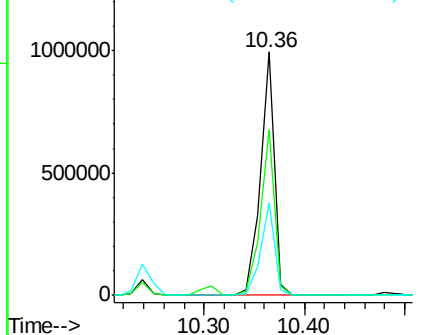
Tot Ion:	169	Resp:	954883
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.8	80.6
167	37.9	29.8	44.8

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.07 ng

RT: 10.73 min Scan# 765

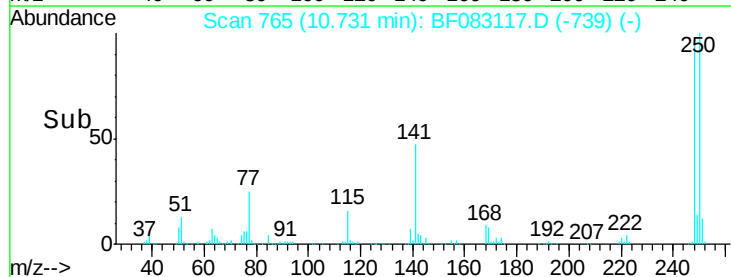
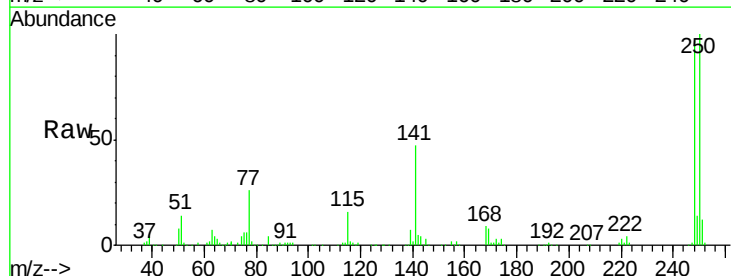
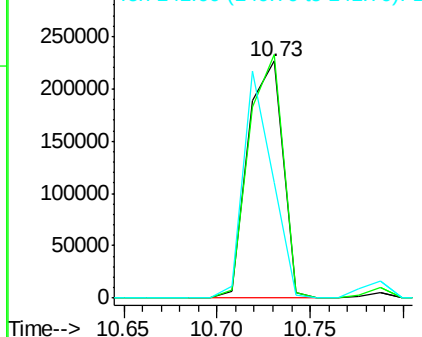
Delta R.T. -0.00 min

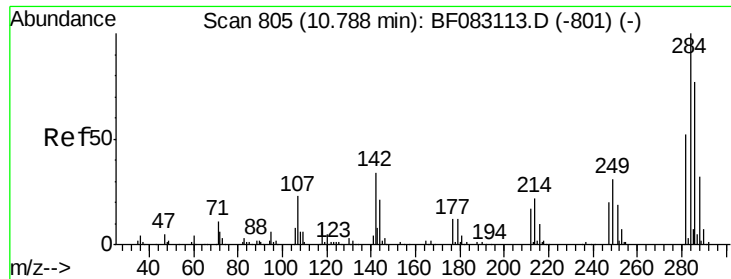
Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:	248	Resp:	293855
Ion Ratio	Lower	Upper	
248	100		
250	102.7	75.4	113.2
141	48.7	48.1	72.1

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





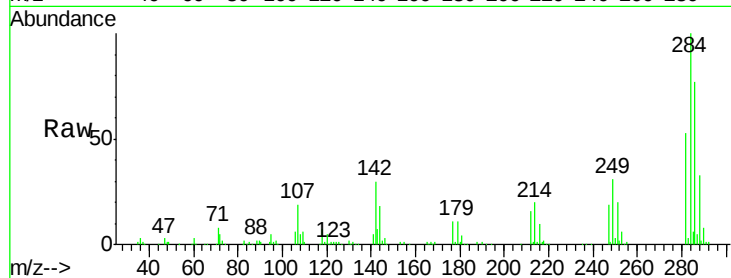
#67
Hexachlorobenzene
Concen: 41.00 ng
RT: 10.79 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

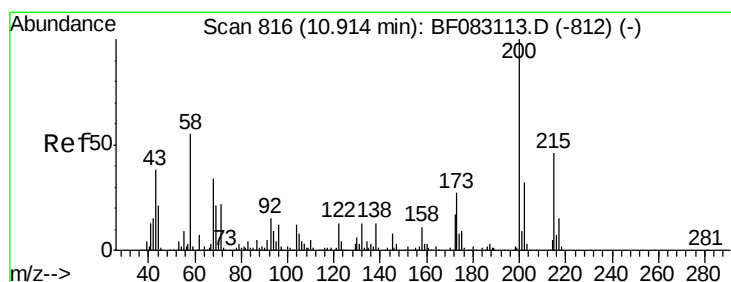
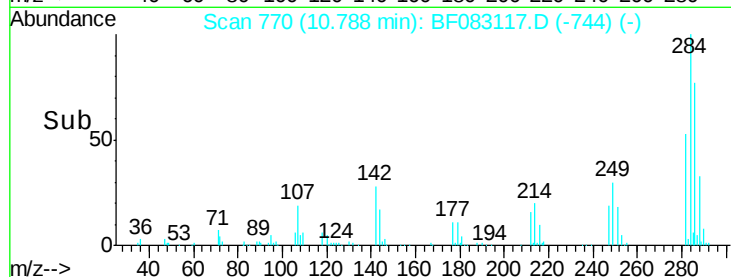
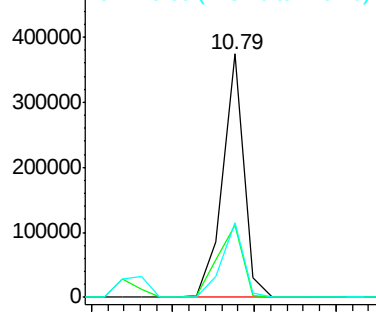
Tot Ion	Ratio	Resp	Lower	Upper
284	100	339625		
142	29.7		27.6	41.4
249	30.9		25.5	38.3

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11/23/2015 7:01:26 PM

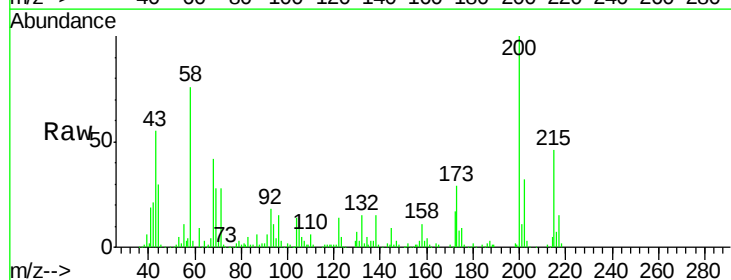


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

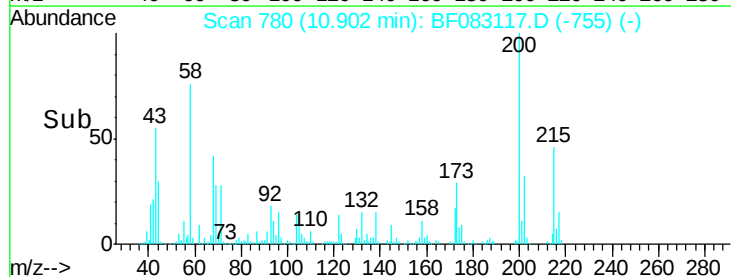
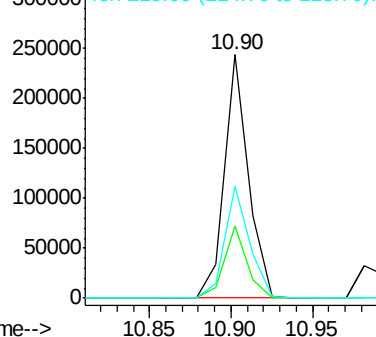


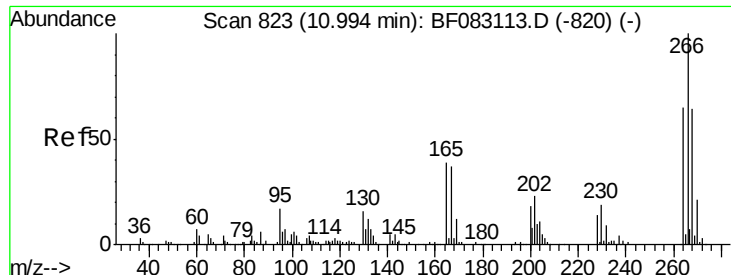
#68
Atrazine
Concen: 37.27 ng
RT: 10.90 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	249494		
173	29.4		7.2	47.2
215	46.0		25.7	65.7



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





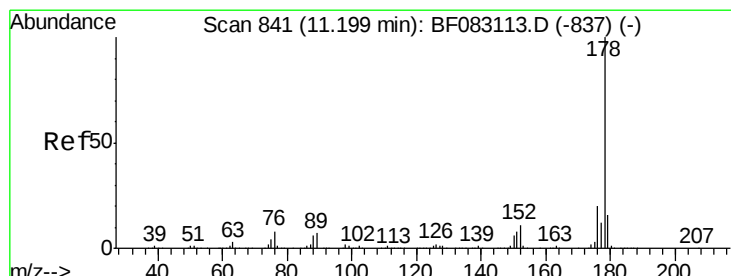
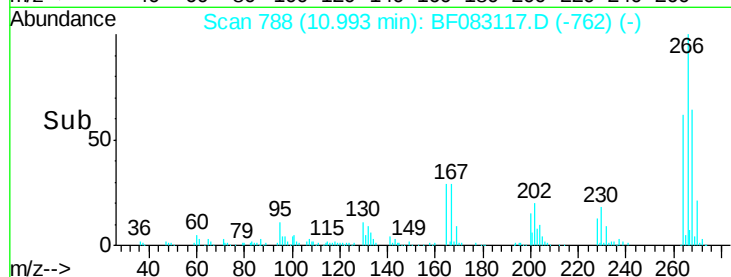
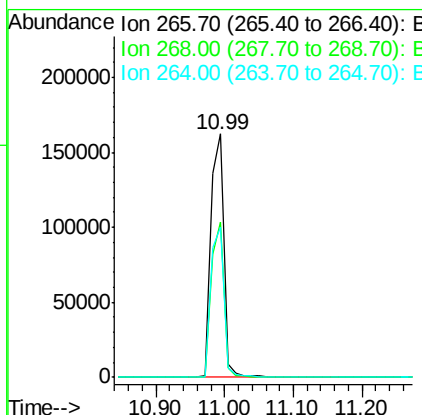
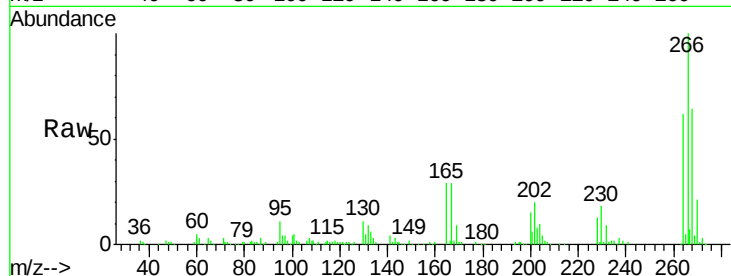
#69
 Pentachlorophenol
 Concen: 40.24 ng
 RT: 10.99 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.4	77.0
264	61.5	51.7	77.5

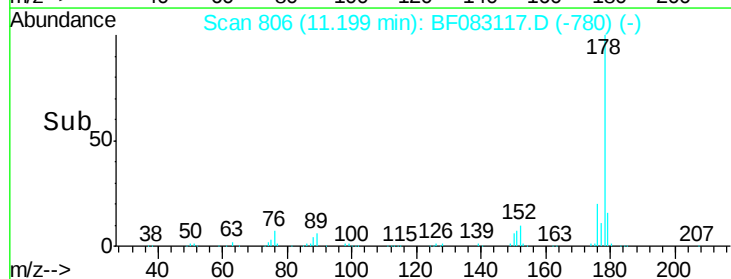
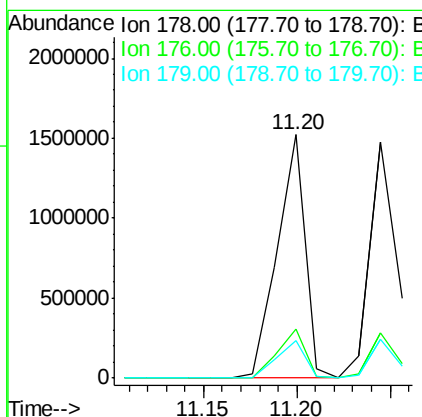
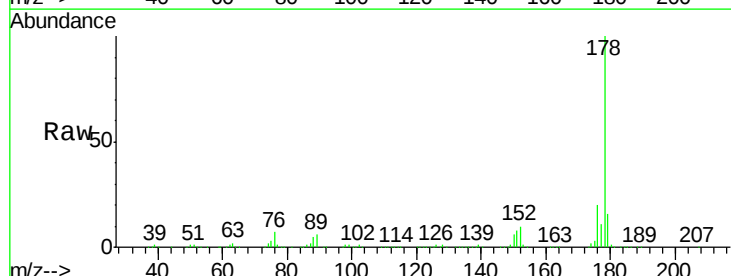
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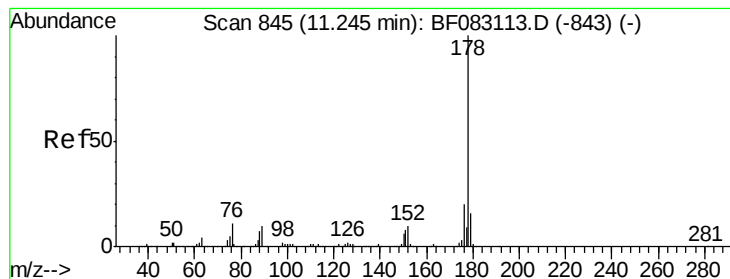
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#70
 Phenanthrene
 Concen: 40.47 ng
 RT: 11.20 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.2
179	15.6	12.8	19.2





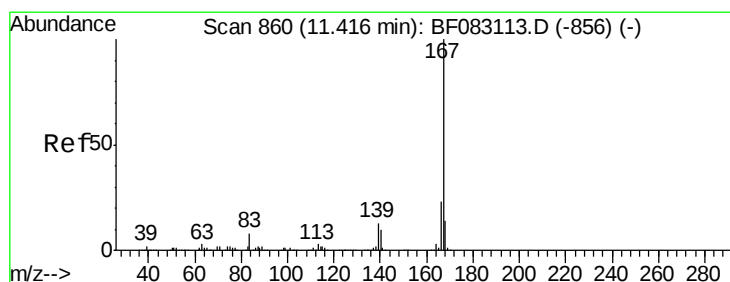
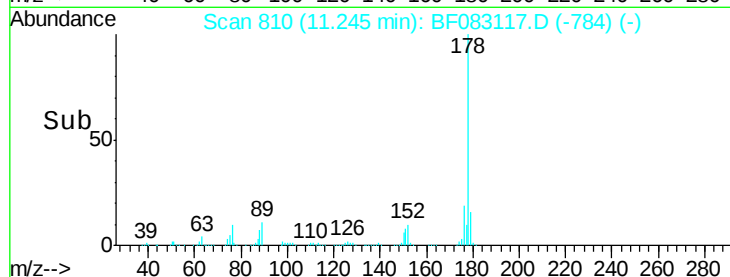
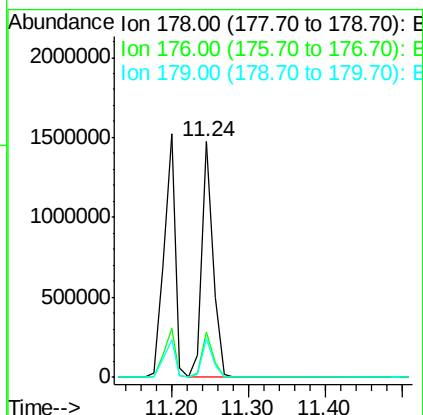
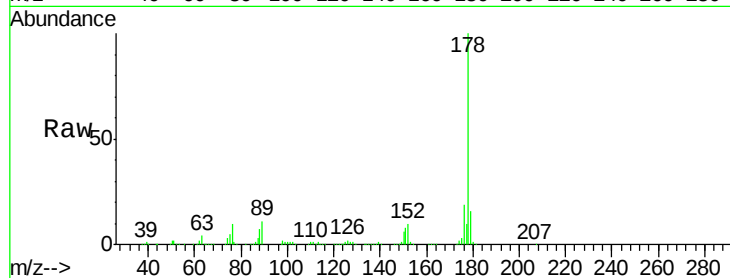
#71
 Anthracene
 Concen: 36.78 ng
 RT: 11.24 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tot Ion:178 Resp: 1465616
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 16.2 13.2 19.8

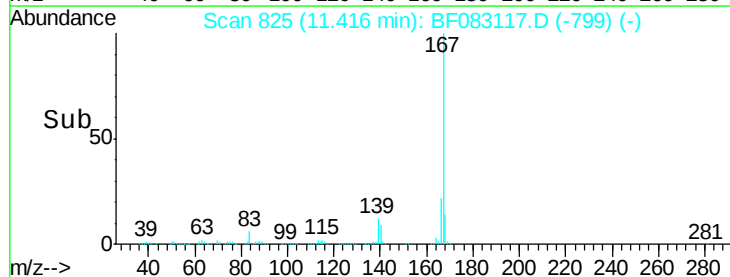
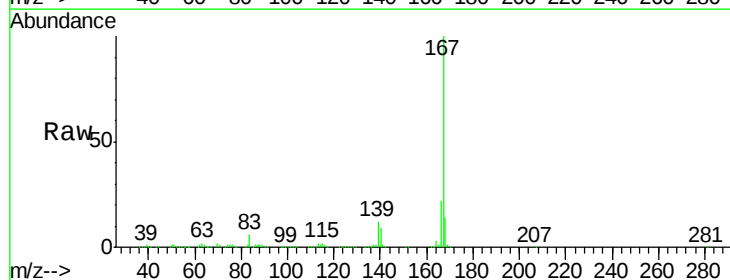
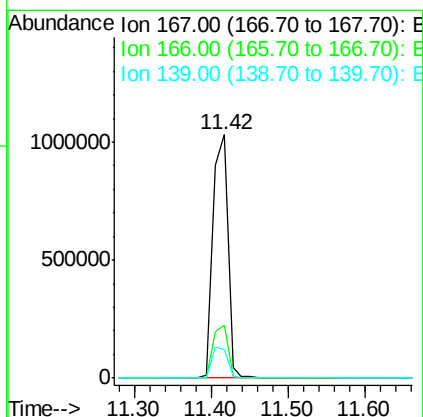
Manual Integrations
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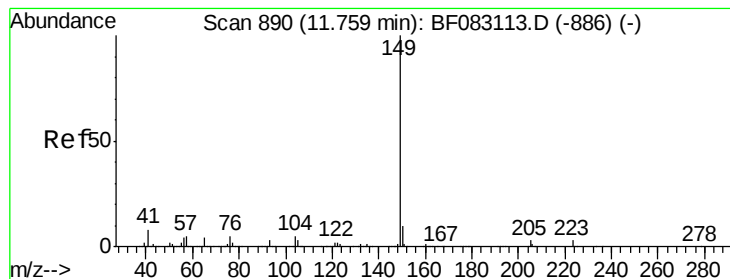
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#72
 Carbazole
 Concen: 39.07 ng
 RT: 11.42 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion:167 Resp: 1383722
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 11.9 10.5 15.7





#73

Di-n-butylphthalate

Concen: 39.98 ng

RT: 11.76 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

Tot Ion:149 Resp: 1728285

Ion Ratio Lower Upper

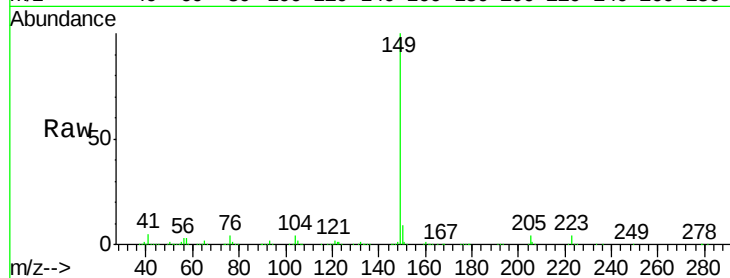
149 100

150 9.2 8.0 12.0

104 4.2 4.4 6.6#

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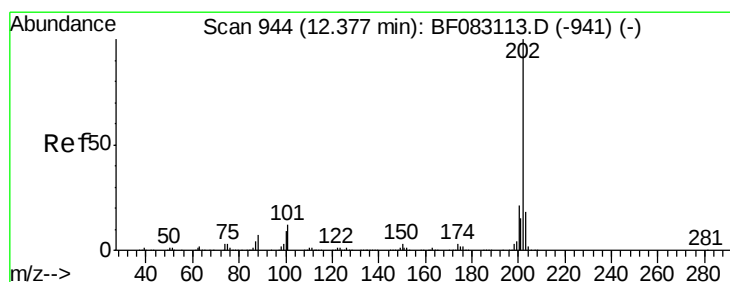
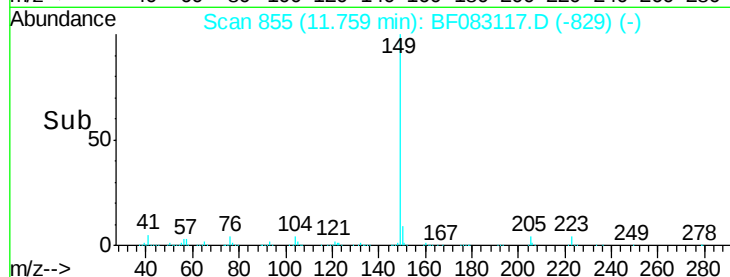
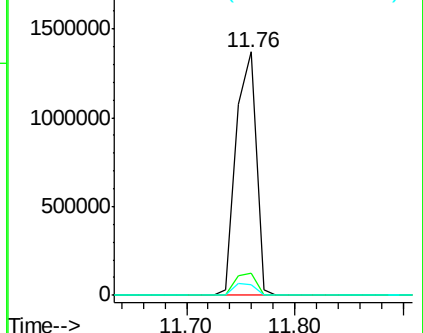
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.53 ng

RT: 12.38 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

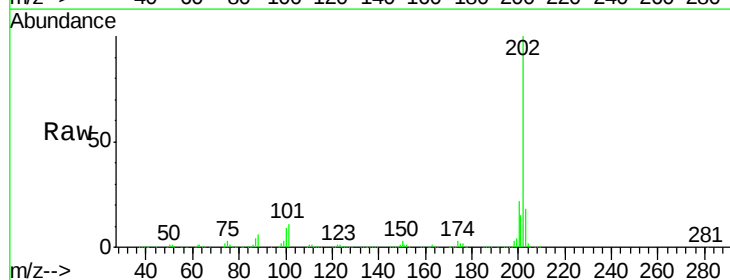
Tgt Ion:202 Resp: 1539802

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.3

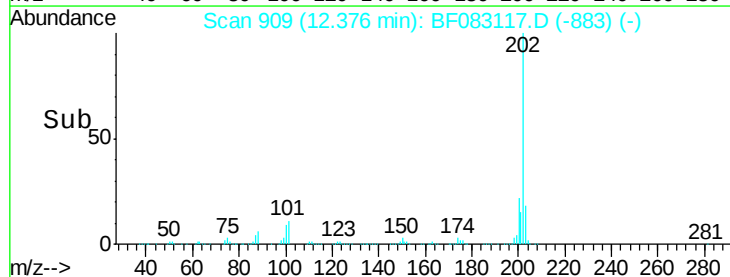
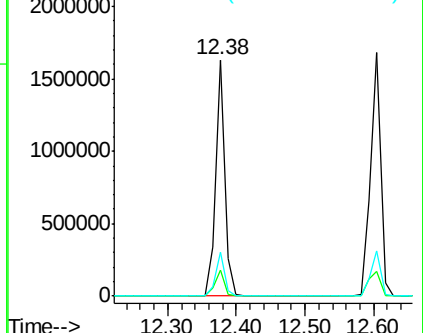
203 18.4 0.0 38.4

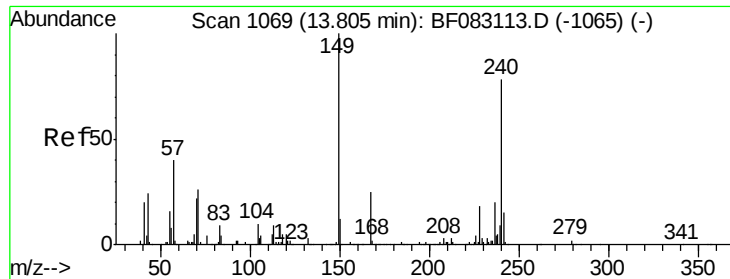


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

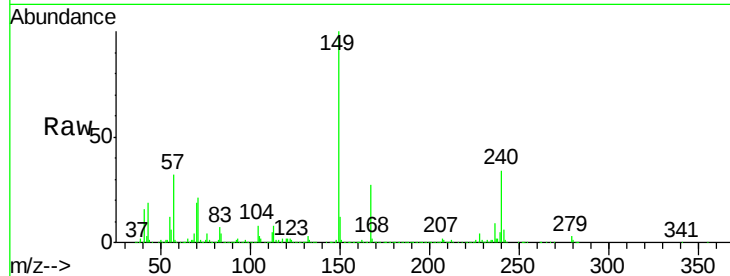
ClientSampleId :

ICVBF112115

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.4	8.2
236	26.1	20.6	31.0

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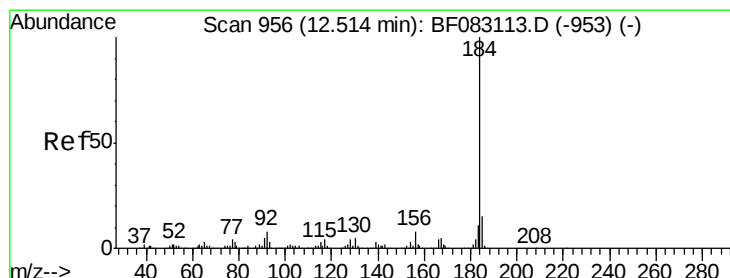
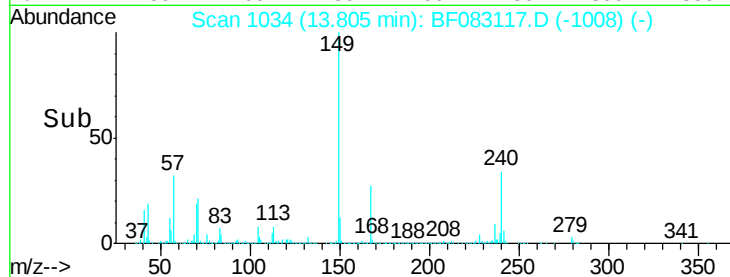
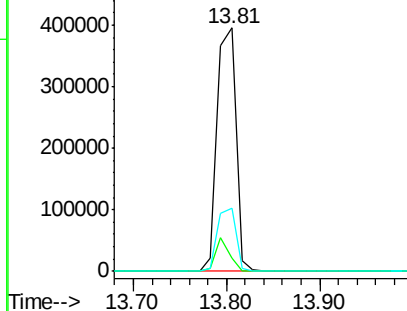
Mmdadoda
11/23/2015 7:01:26 PM



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: 48.22 ng

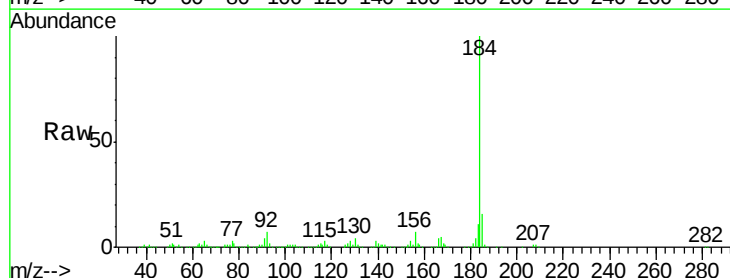
RT: 12.51 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

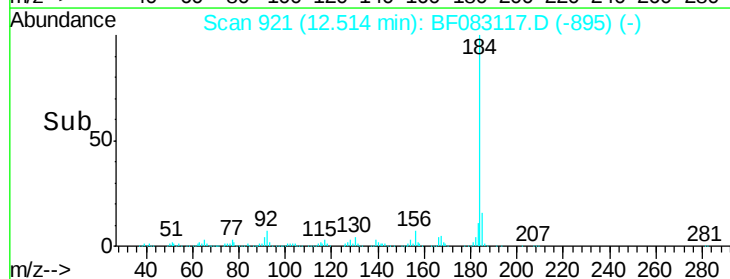
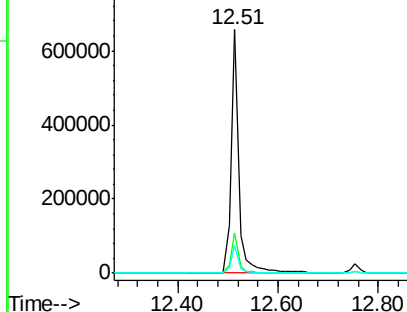
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.7	17.5
183	11.2	8.8	13.2

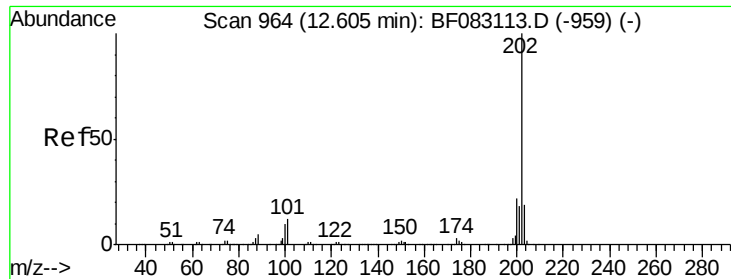


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.41 ng

RT: 12.61 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

Tot Ion:202 Resp: 1679548

Ion Ratio Lower Upper

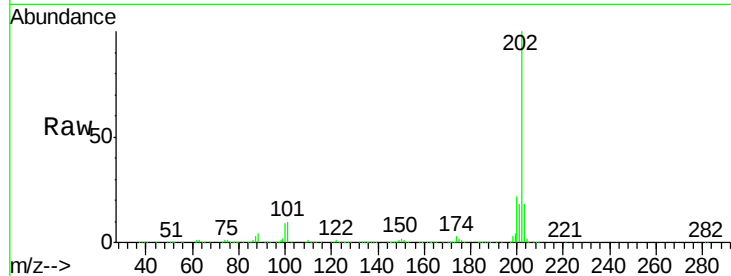
202 100

200 22.1 17.8 26.6

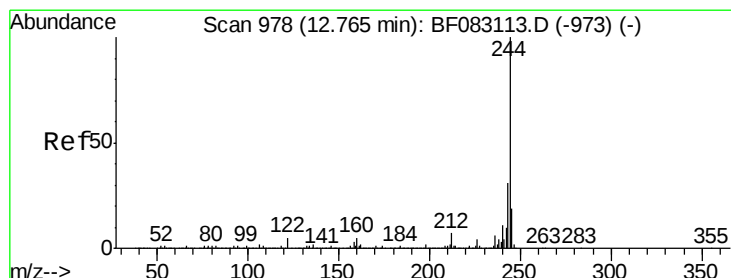
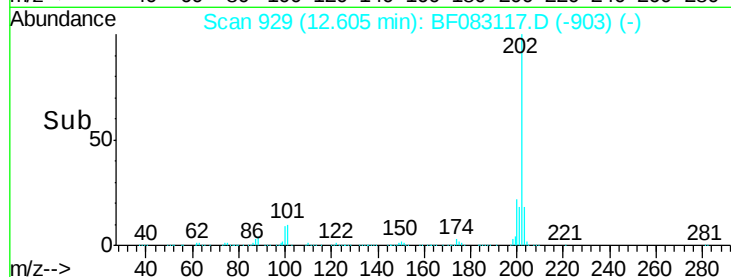
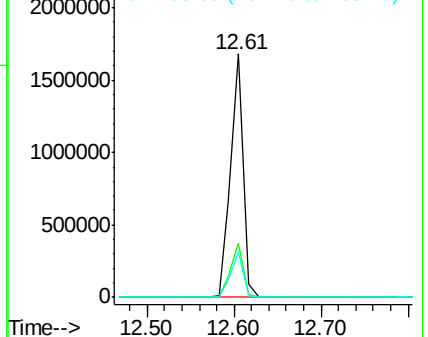
203 18.5 15.0 22.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.82 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

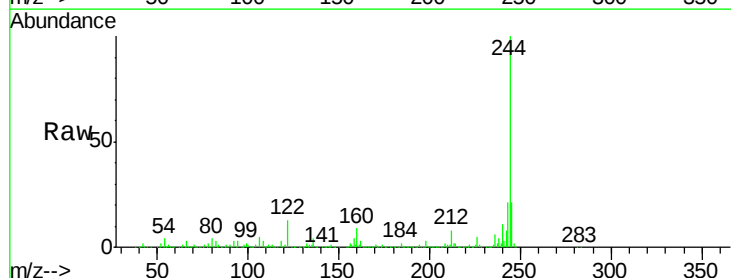
Tgt Ion:244 Resp: 1782431

Ion Ratio Lower Upper

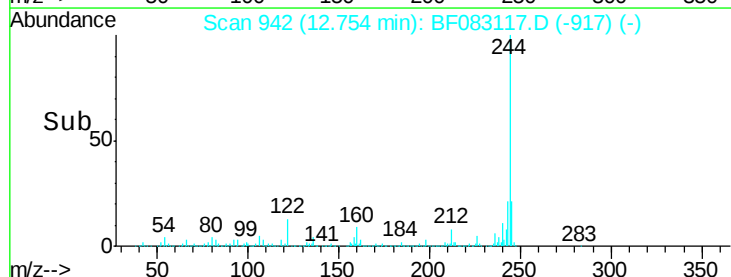
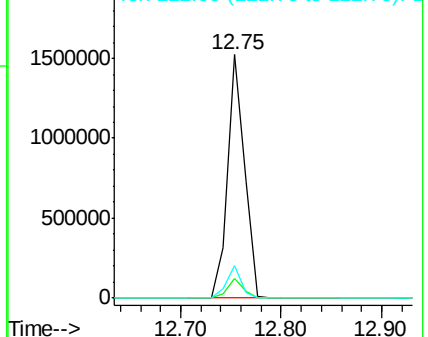
244 100

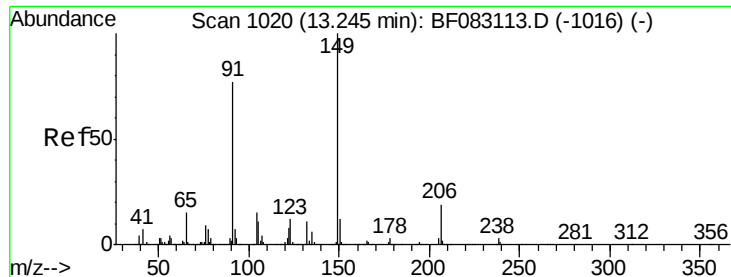
212 8.2 5.4 8.2#

122 13.5 4.3 6.5#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





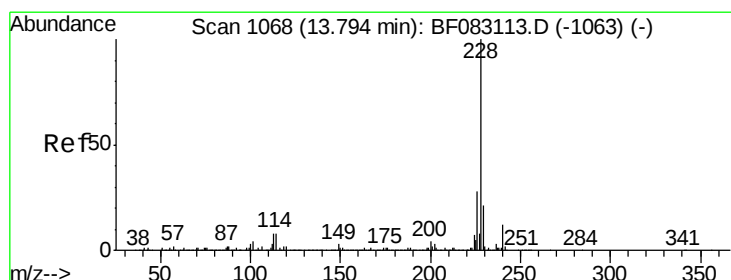
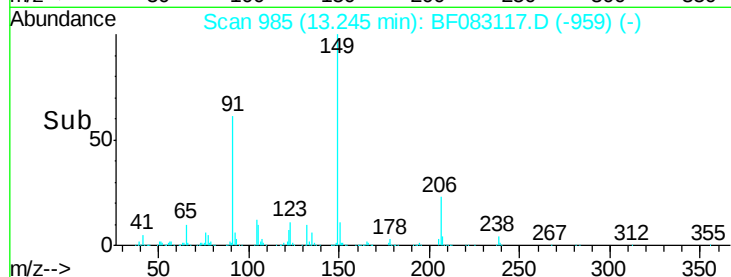
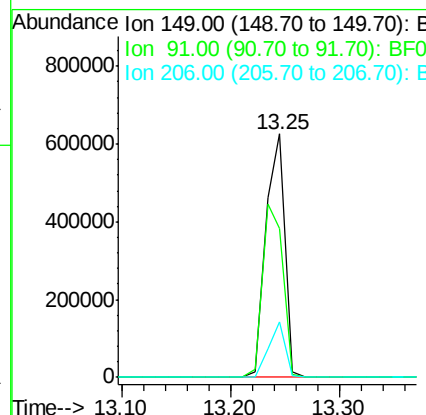
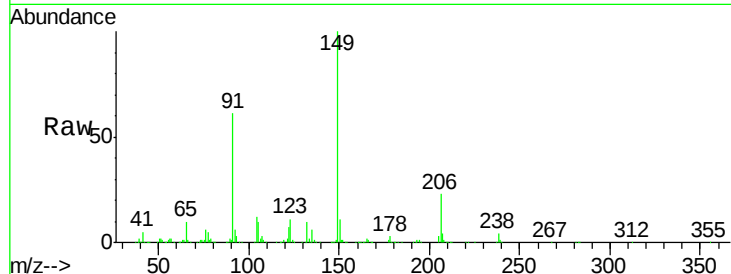
#79
Butylbenzylphthalate
Concen: 43.02 ng
RT: 13.25 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tot Ion	Ratio	Resp	Lower	Upper
149	100	770066		
91	60.9	61.5	92.3#	
206	22.8	15.3	22.9	

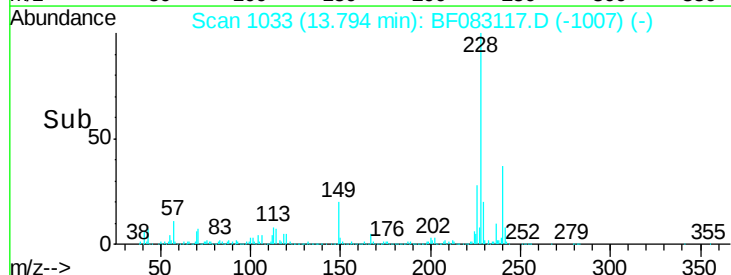
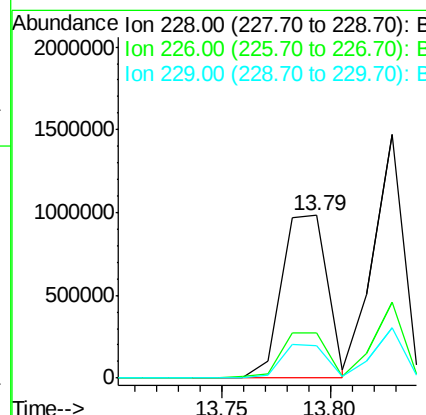
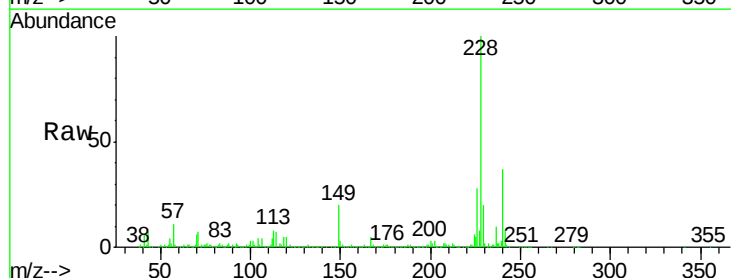
Manual Integrations
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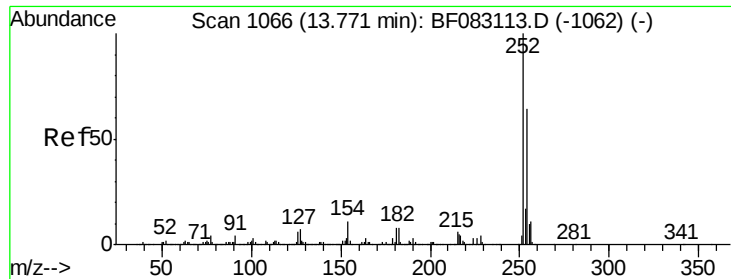
Mmdadoda
11/23/2015 7:01:26 PM



#80
Benzo(a)anthracene
Concen: 42.18 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1444213		
226	27.5	22.6	33.8	
229	19.9	16.6	24.8	





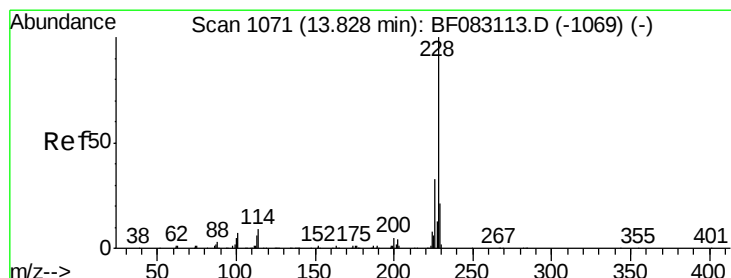
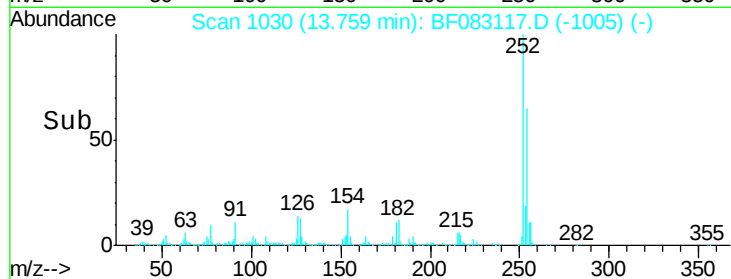
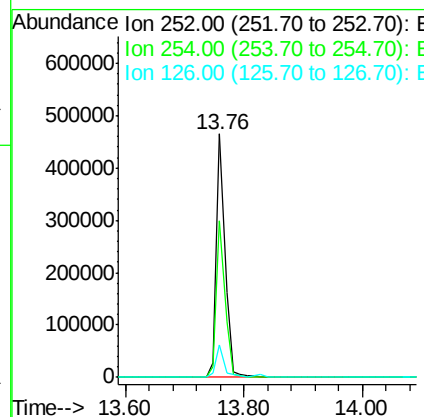
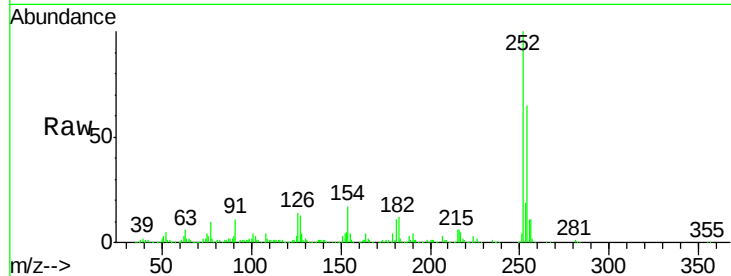
#81
 3,3'-Dichlorobenzidine
 Concen: 39.53 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	13.5	5.2	7.8

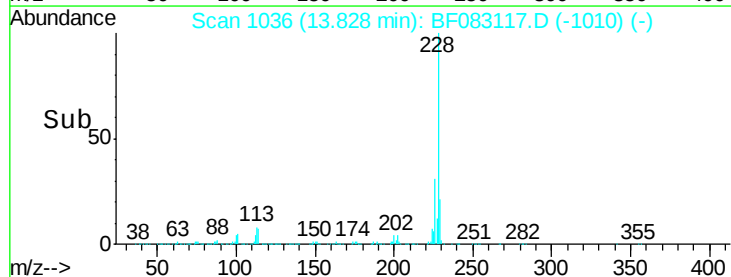
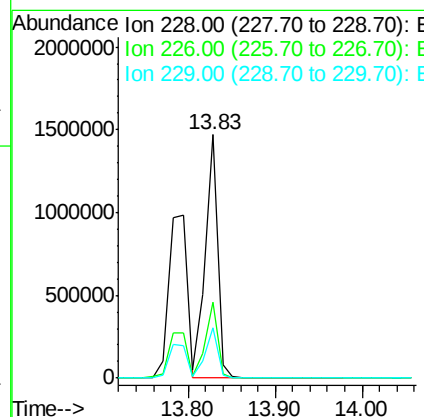
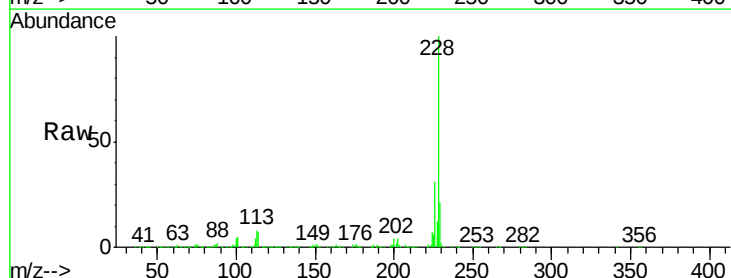
Manual Integrations
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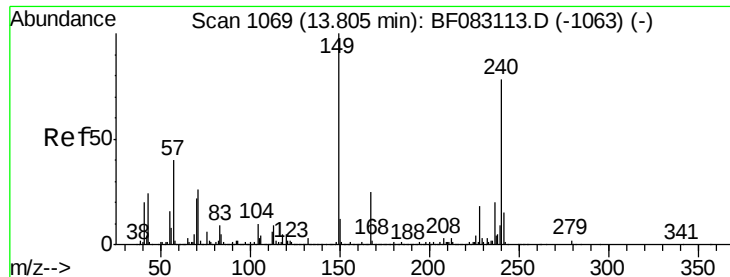
Mmdadoda
 11/23/2015 7:01:26 PM



#82
 Chrysene
 Concen: 44.88 ng
 RT: 13.83 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.5	38.3
229	20.7	16.6	25.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.55 ng

RT: 13.81 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

Tot Ion:149 Resp: 1041537

Ion Ratio Lower Upper

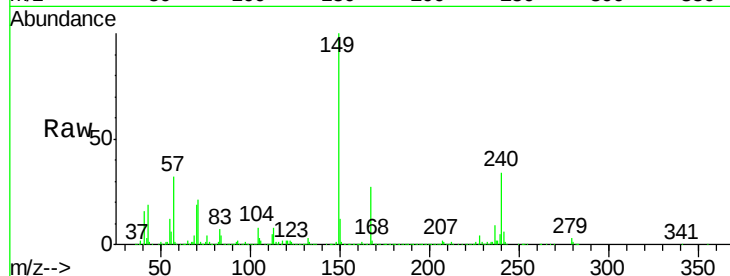
149 100

167 27.1 20.1 30.1

279 2.9 1.7 2.5#

Manual Integrations
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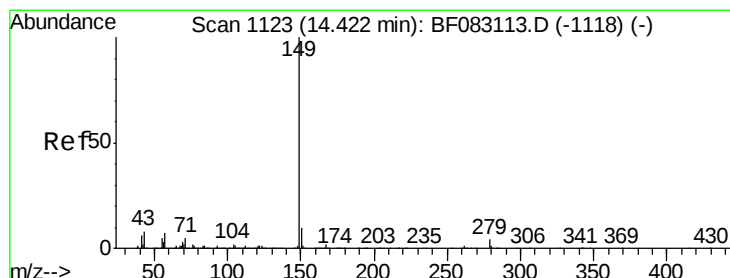
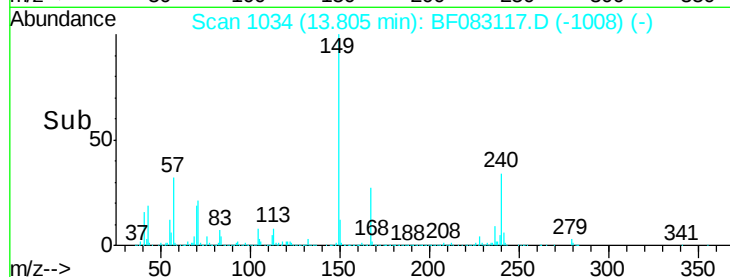
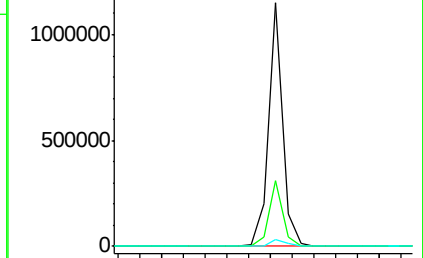
Mmdadoda
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.34 ng

RT: 14.41 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:149 Resp: 1703911

Ion Ratio Lower Upper

149 100

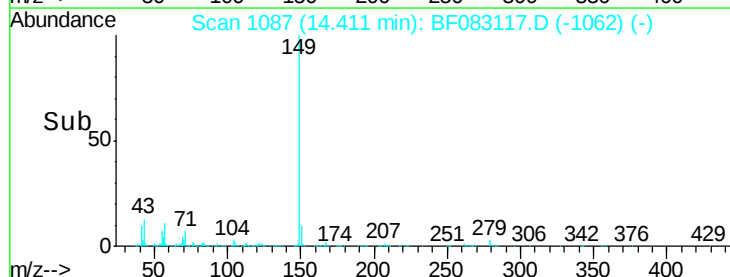
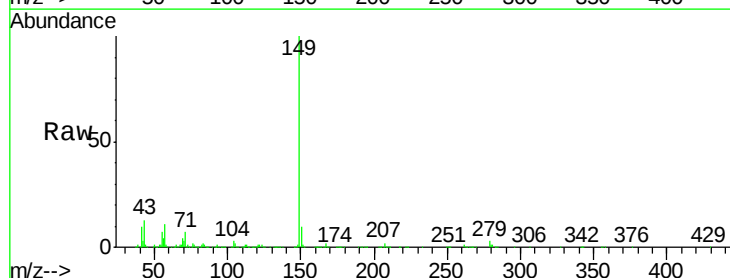
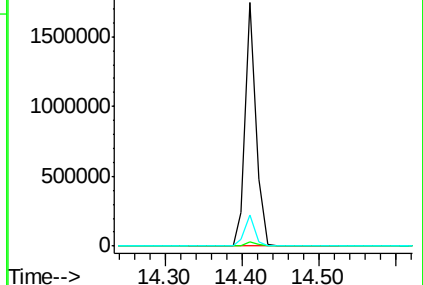
167 1.6 1.2 1.8

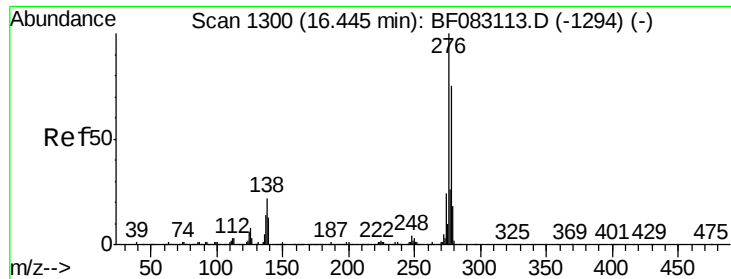
43 12.5 9.5 14.3

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





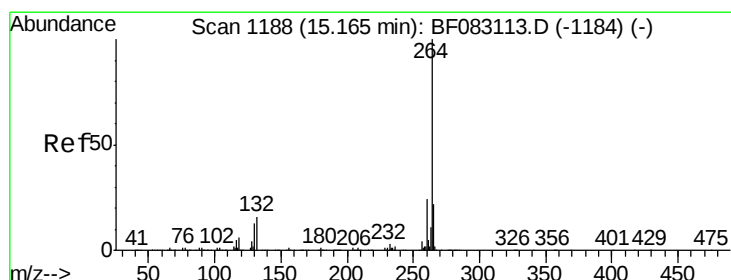
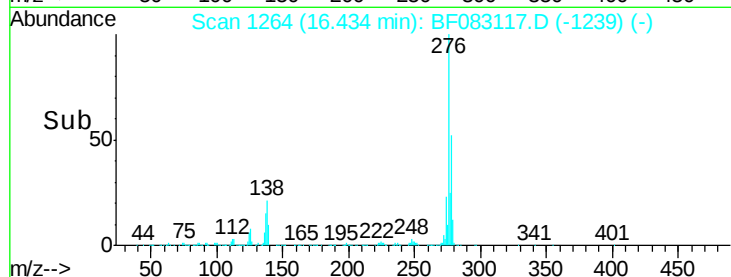
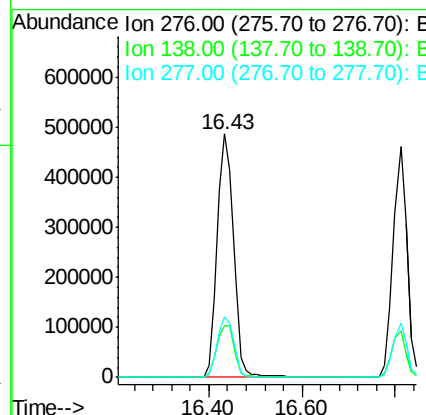
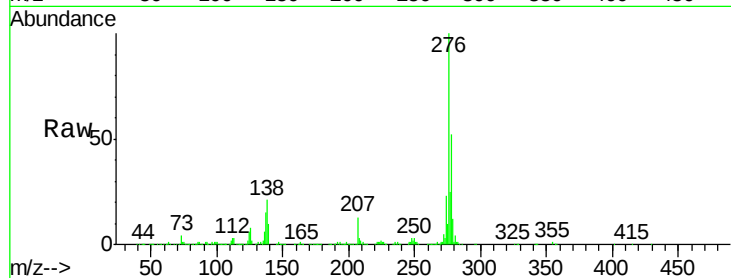
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.41 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tot Ion:276 Resp: 1195770
Ion Ratio Lower Upper
276 100
138 23.0 18.0 27.0
277 25.1 20.2 30.4

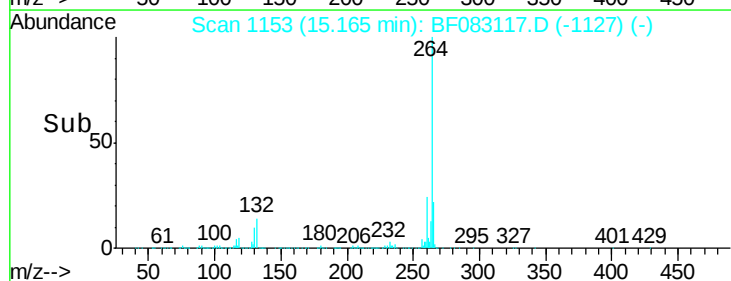
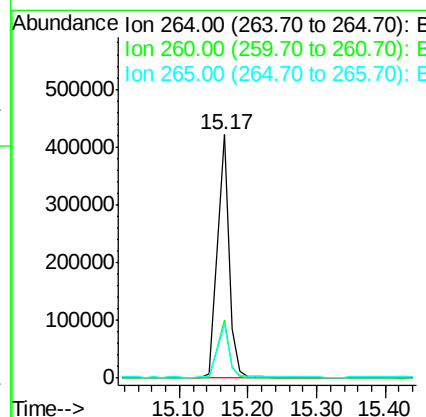
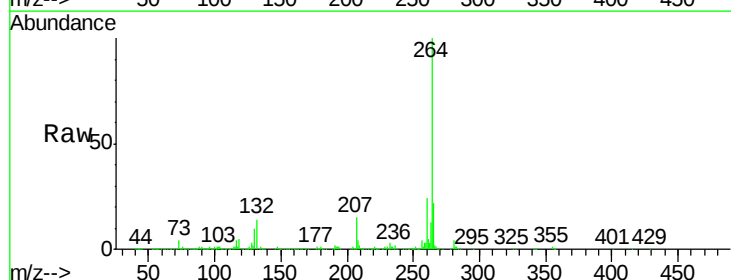
Manual Integrations
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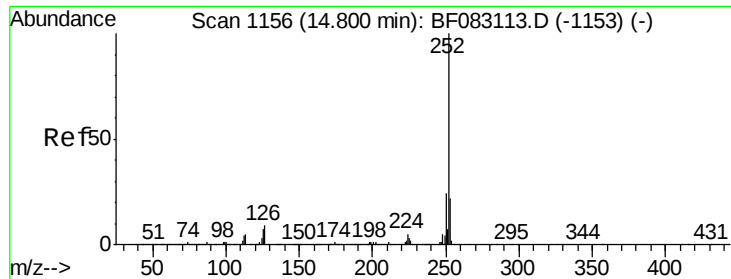
Mmdadoda
11/23/2015 7:01:26 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion:264 Resp: 515149
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.3 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 33.10 ng m

RT: 14.79 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

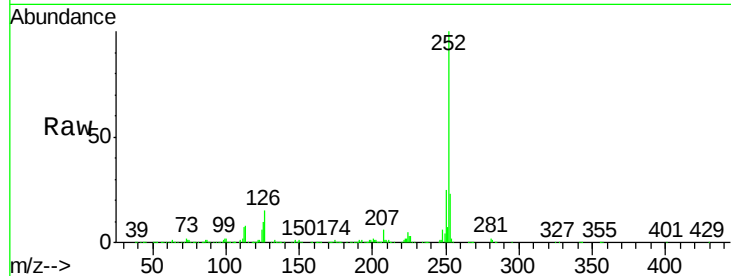
ClientSampleId :

ICVBF112115

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	10.5	5.6	8.4

Manual Integrations
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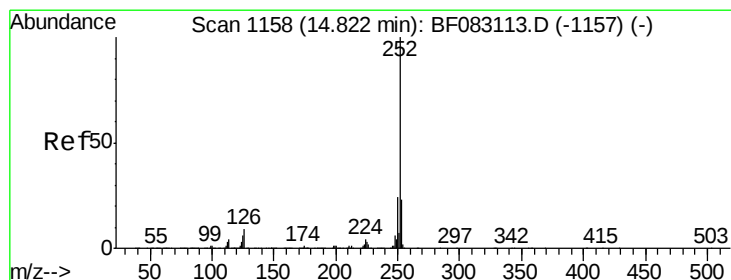
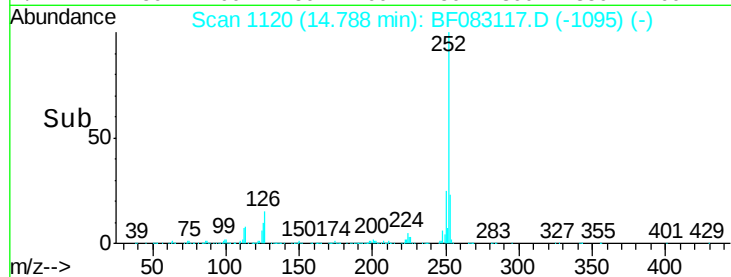
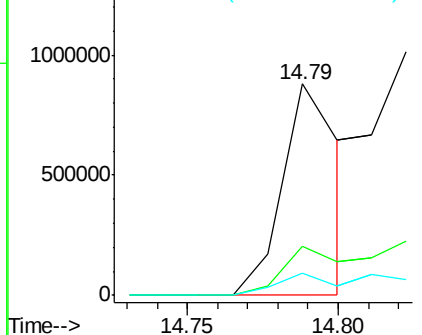
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11/23/2015 7:01:26 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.60 ng m

RT: 14.82 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF083117.D

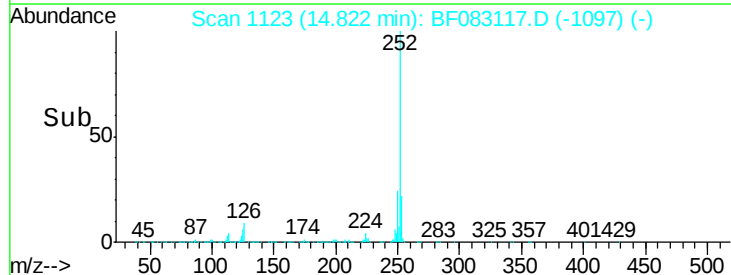
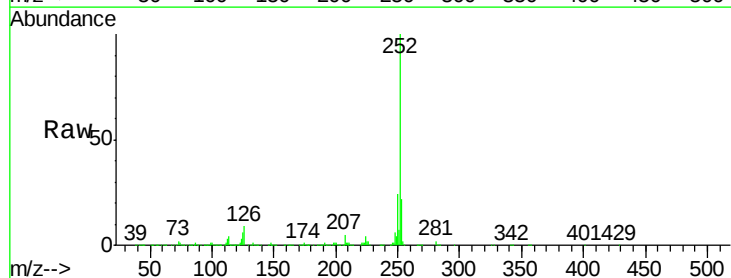
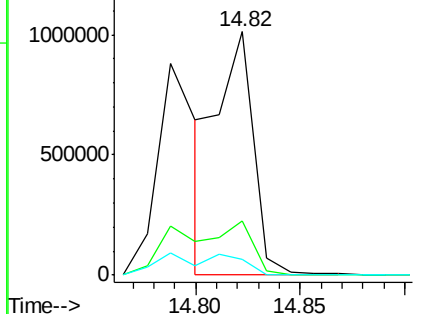
Acq: 21 Nov 2015 18:05

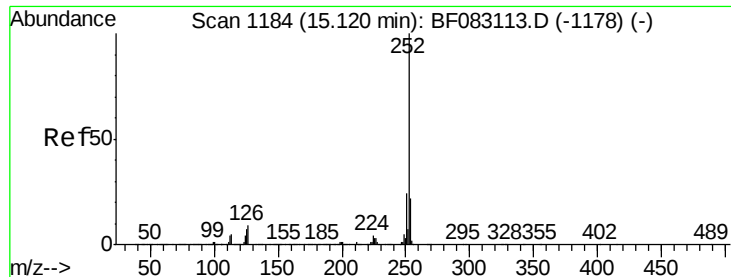
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	6.5	6.8	10.2

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





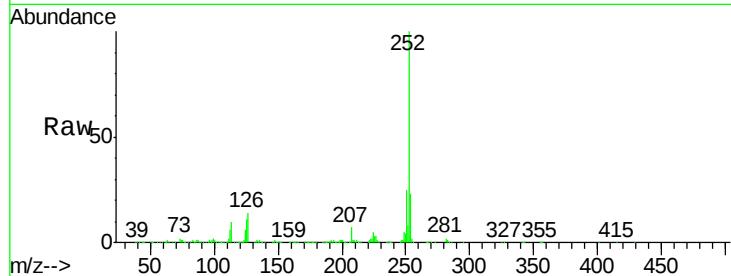
#89
Benzo(a)pyrene
Concen: 37.30 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

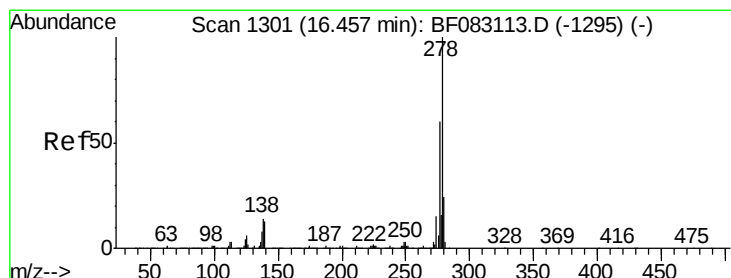
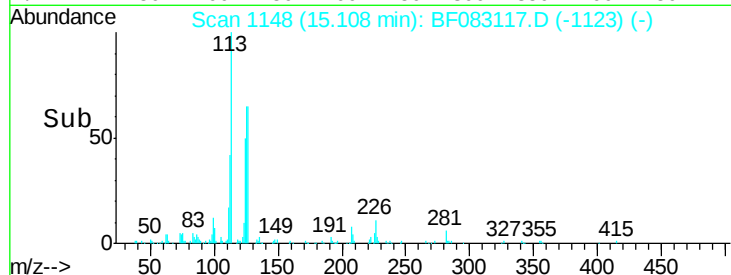
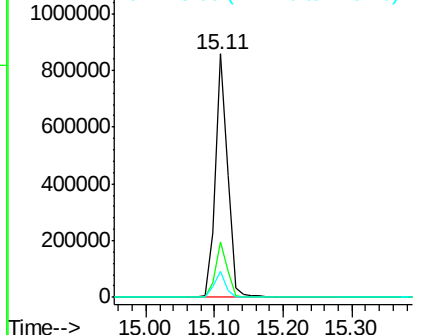
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.9	5.4	8.0

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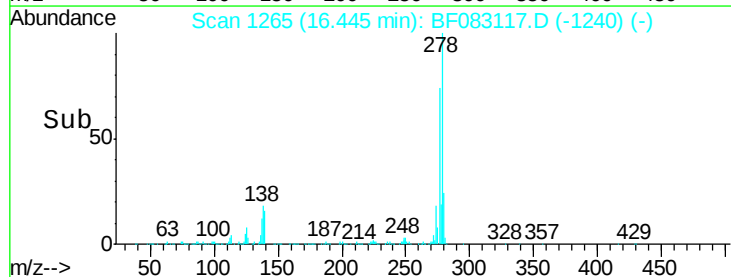
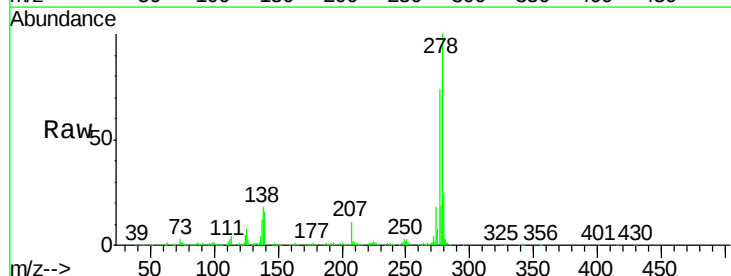
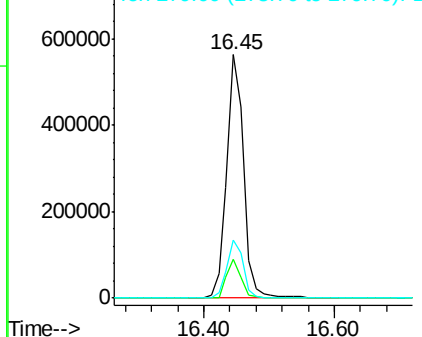
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

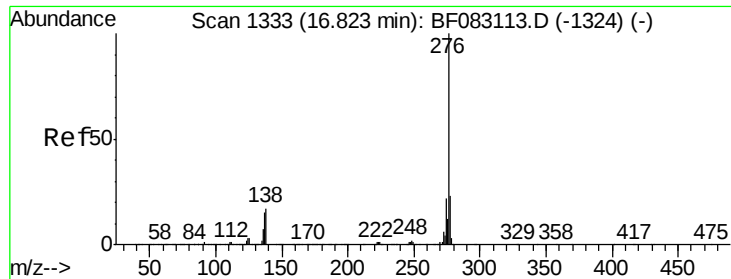


#90
Dibenzo(a,h)anthracene
Concen: 38.28 ng
RT: 16.45 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	10.7	16.1
279	23.8	19.3	28.9

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





#91
 Benzo(a,h,i)perylene
 Concen: 37.12 ng
 RT: 16.81 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	20.4	13.9	20.9

Manual Integrations
 APPROVED

Mmdadoda
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