

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083115.D
 Acq On : 21 Nov 2015 15:55
 Operator : UM/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 00:48:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 23:51:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	181674	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	681752	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	343012	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	637740	20.00	ng	0.00
75) Chrysene-d12	13.81	240	527345	20.00	ng	0.00
86) Perylene-d12	15.17	264	446827	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1334026	113.09	ng	0.00
7) Phenol-d6	6.35	99	1783308	116.86	ng	0.01
23) Nitrobenzene-d5	7.24	82	1704126	115.84	ng	0.01
41) 2,4,6-Tribromophenol	10.49	330	387823	111.75	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	2644755	112.45	ng	0.01
78) Terphenyl-d14	12.76	244	2663464	120.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	346335	58.73	ng	98
3) Pyridine	3.04	79	1013771	67.93	ng	99
4) n-Nitrosodimethylamine	2.82	42	471577	63.04	ng	94
6) Aniline	6.34	93	1144193	58.82	ng	# 81
8) 2-Chlorophenol	6.46	128	706696	55.42	ng	95
9) Benzaldehyde	6.22	77	391557	50.34	ng	93
10) Phenol	6.36	94	1089961	59.36	ng	96
11) bis(2-Chloroethyl)ether	6.41	93	739484	56.22	ng	99
12) 1,3-Dichlorobenzene	6.60	146	835635	59.01	ng	98
13) 1,4-Dichlorobenzene	6.67	146	805053	55.59	ng	98
14) 1,2-Dichlorobenzene	6.83	146	740324	55.89	ng	99
15) Benzyl Alcohol	6.84	79	774349	60.38	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1154885	56.63	ng	# 39
17) 2-Methylphenol	6.96	107	590091	56.20	ng	# 86
18) Hexachloroethane	7.18	117	308571	59.04	ng	# 86
19) n-Nitroso-di-n-propylamine	7.12	70	628189	58.79	ng	97
20) 3+4-Methylphenols	7.12	107	745489	56.20	ng	95
22) Acetophenone	7.10	105	1111606	57.65	ng	# 99
24) Nitrobenzene	7.26	77	864849	54.89	ng	100
25) Isophorone	7.53	82	1638113	58.34	ng	98
26) 2-Nitrophenol	7.58	139	426432	59.83	ng	89
27) 2,4-Dimethylphenol	7.64	122	638385	56.73	ng	94
28) bis(2-Chloroethoxy)methane	7.72	93	948207	58.10	ng	97
29) 2,4-Dichlorophenol	7.83	162	599483	56.42	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	670507	57.99	ng	99
31) Naphthalene	7.98	128	2079969	58.11	ng	99
32) Benzoic acid	7.83	122	519997	57.59	ng	96
33) 4-Chloroaniline	8.04	127	805454	56.63	ng	# 87
34) Hexachlorobutadiene	8.09	225	388755	56.89	ng	97
35) Caprolactam	8.49	113	214021m	65.95	ng	
36) 4-Chloro-3-methylphenol	8.55	107	737731	59.99	ng	94
37) 2-Methylnaphthalene	8.66	142	1257976	54.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	658499	59.84	ng	97
40) Hexachlorocyclopentadiene	8.82	237	393289	60.23	ng	96

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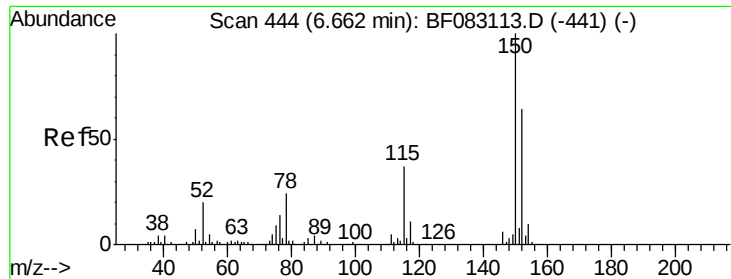
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	462927	58.17	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	476533	58.71	nq	99
45) 1,1'-Biphenyl	9.13	154	1572705	55.06	nq	99
46) 2-Chloronaphthalene	9.15	162	1300203	57.87	nq	99
47) 2-Nitroaniline	9.26	65	461636	56.16	nq	97
48) Acenaphthylene	9.56	152	1954413	56.11	nq	97
49) Dimethylphthalate	9.45	163	1420708	54.91	nq	99
50) 2,6-Dinitrotoluene	9.51	165	360166	60.52	nq	# 86
51) Acenaphthene	9.74	154	1195939	56.68	nq	98
52) 3-Nitroaniline	9.68	138	399812	61.34	nq	87
53) 2,4-Dinitrophenol	9.77	184	200487	58.73	nq	# 47
54) Dibenzofuran	9.91	168	1644511	55.38	nq	99
55) 4-Nitrophenol	9.86	139	267194	55.15	nq	# 70
56) 2,4-Dinitrotoluene	9.91	165	445505	59.35	nq	90
57) Fluorene	10.25	166	1421687	57.95	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	378896	56.99	nq	95
59) Diethylphthalate	10.15	149	1507922	58.21	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	602695	54.02	nq	# 81
61) 4-Nitroaniline	10.30	138	366856	57.28	nq	94
62) Azobenzene	10.40	77	1591177	54.00	nq	85
64) 4,6-Dinitro-2-methylphenol	10.31	198	264918	58.01	nq	# 30
65) n-Nitrosodiphenylamine	10.36	169	1187396	55.67	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	417806	59.37	nq	# 84
67) Hexachlorobenzene	10.79	284	420141	54.54	nq	95
68) Atrazine	10.91	200	344624	55.33	nq	96
69) Pentachlorophenol	10.99	266	317626	61.16	nq	96
70) Phenanthrene	11.20	178	1972916	55.59	nq	97
71) Anthracene	11.26	178	2163625	58.93	nq	99
72) Carbazole	11.42	167	1851037	56.78	nq	98
73) Di-n-butylphthalate	11.76	149	2308128	57.48	nq	99
74) Fluoranthene	12.38	202	2075529	56.74	nq	97
76) Benzidine	12.51	184	810794	58.66	nq	99
77) Pyrene	12.60	202	2022751	56.94	nq	99
79) Butylbenzylphthalate	13.25	149	1048258	61.07	nq	# 87
80) Benzo(a)anthracene	13.79	228	1884496m	56.38	nq	
81) 3,3'-Dichlorobenzidine	13.77	252	686054	60.40	nq	# 96
82) Chrysene	13.83	228	1654586m	58.88	nq	
83) Bis(2-ethylhexyl)phthalate	13.81	149	1307058	59.13	nq	99
84) Di-n-octyl phthalate	14.41	149	2184000	57.64	nq	97
85) Indeno(1,2,3-cd)pyrene	16.45	276	1602612	59.86	nq	98
87) Benzo(b)fluoranthene	14.80	252	1784426m	60.19	nq	
88) Benzo(k)fluoranthene	14.82	252	1193947m	52.93	nq	
89) Benzo(a)pyrene	15.12	252	1437028	58.34	nq	98
90) Dibenzo(a,h)anthracene	16.46	278	1322081	59.13	nq	# 96
91) Benzo(g,h,i)perylene	16.82	276	1316589	60.30	nq	# 94

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



#1

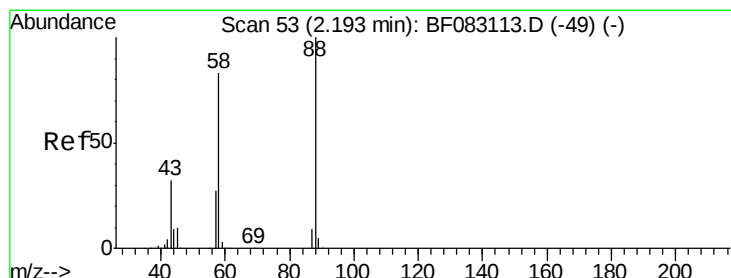
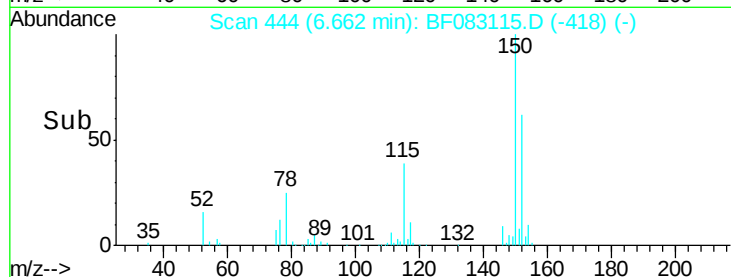
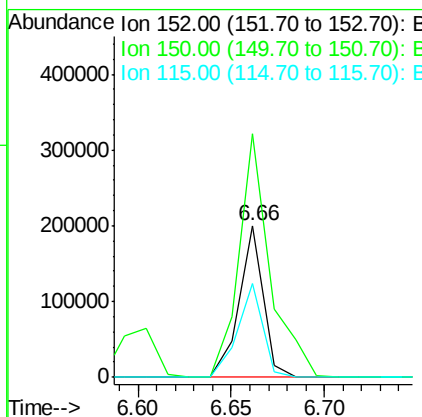
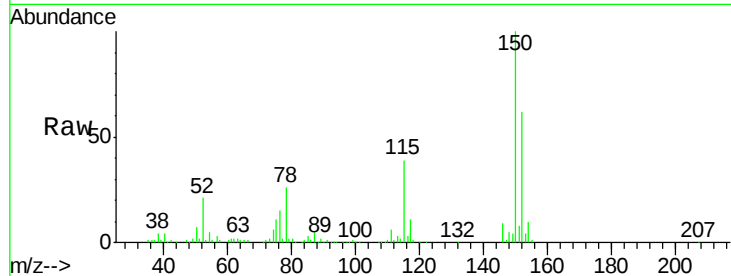
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.4	189.6
115	62.3	49.0	73.6

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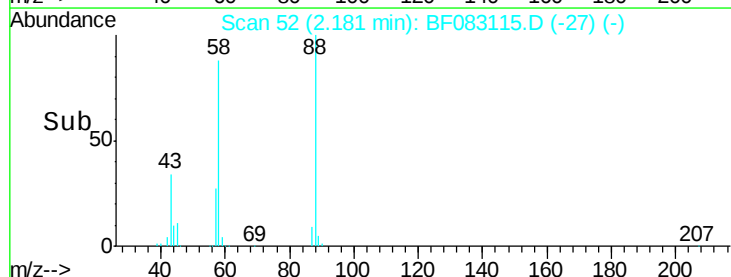
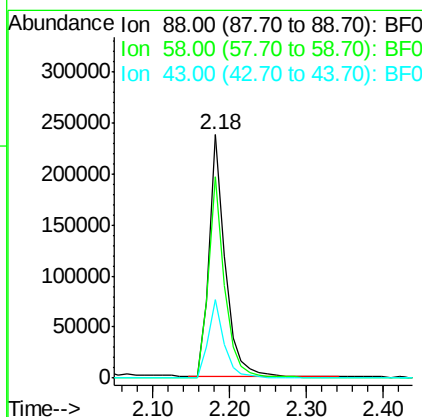
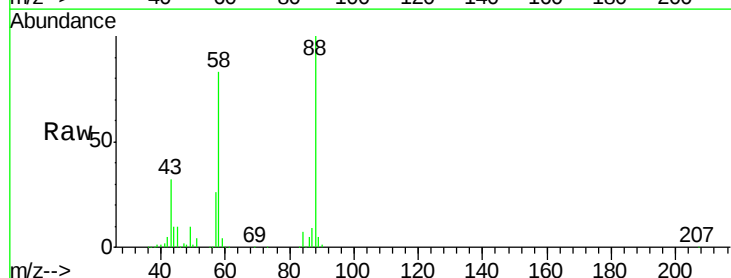
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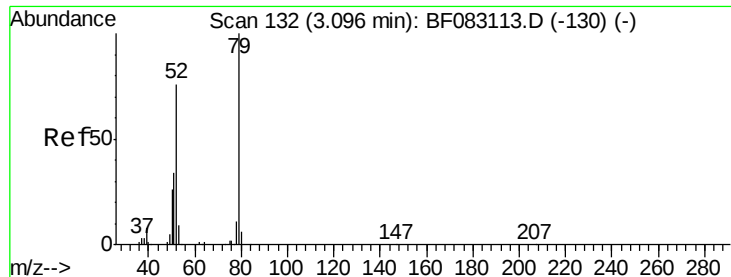


#2

1,4-Dioxane
Concen: 58.73 ng
RT: 2.18 min Scan# 52
Delta R.T. -0.01 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	64.8	97.2
43	32.5	26.2	39.4





#3

Pvridine

Concen: 67.93 ng

RT: 3.04 min Scan# 127

Delta R.T. -0.06 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1013771

Ion Ratio Lower Upper

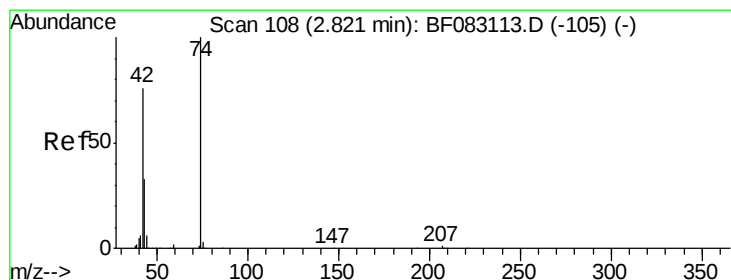
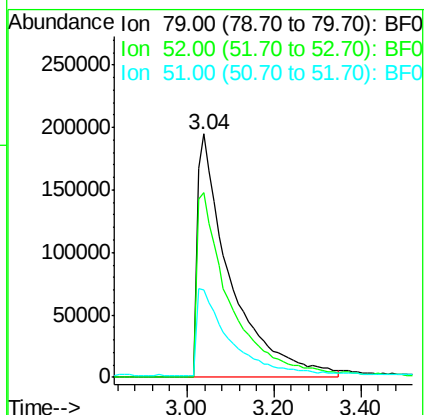
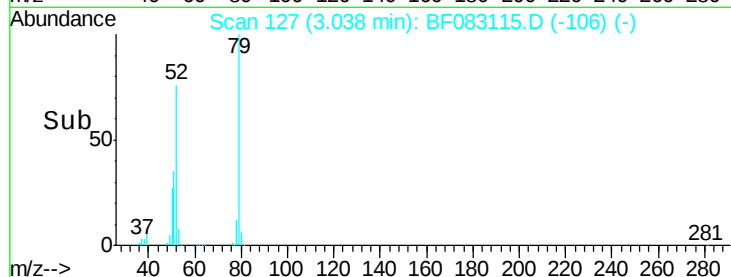
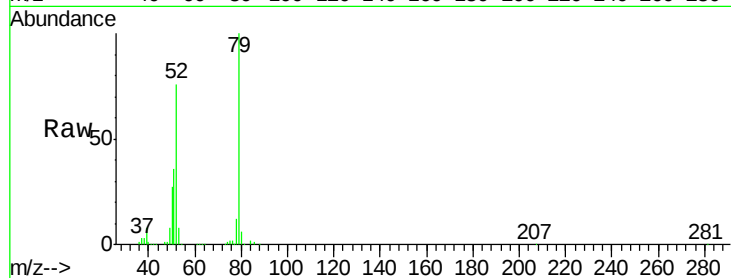
79 100

52 75.7 61.0 91.4

51 36.1 30.0 45.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 63.04 ng

RT: 2.82 min Scan# 108

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

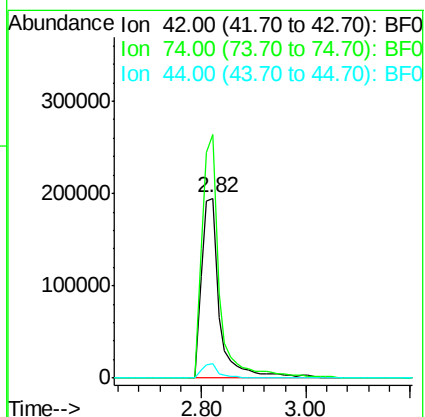
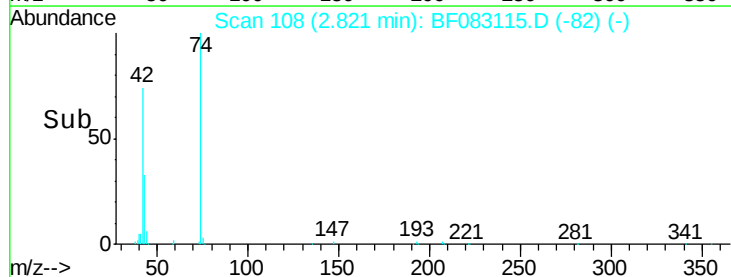
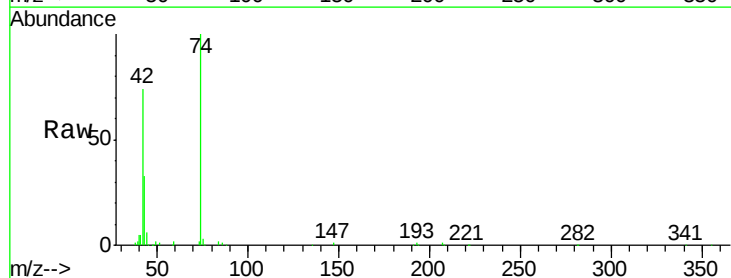
Tgt Ion: 42 Resp: 471577

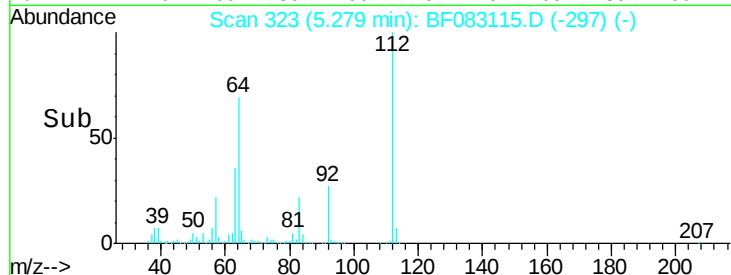
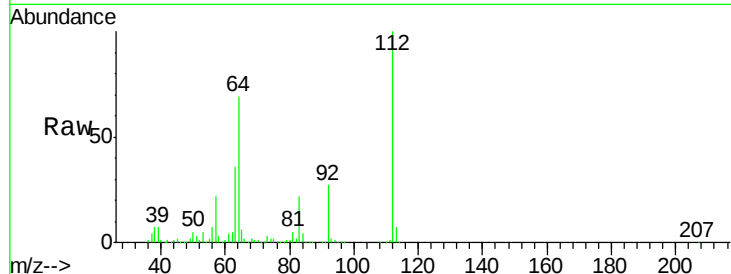
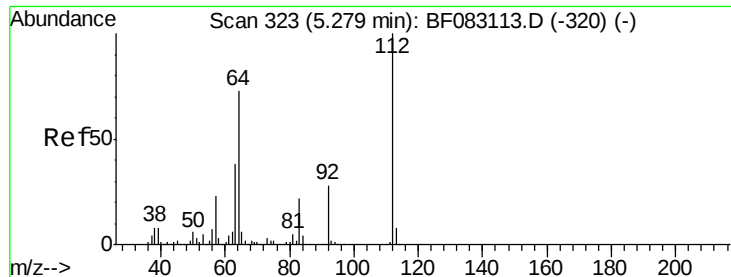
Ion Ratio Lower Upper

42 100

74 135.1 102.4 153.6

44 7.7 5.8 8.8





#5

2-Fluorophenol

Concen: 113.09 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tot Ion:	112	Resp:	1334026
Ion	Ratio	Lower	Upper
112	100		
64	68.9	54.8	82.2
63	35.7	29.0	43.4

Instrument :

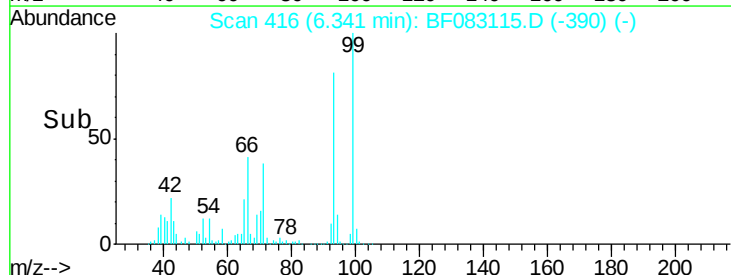
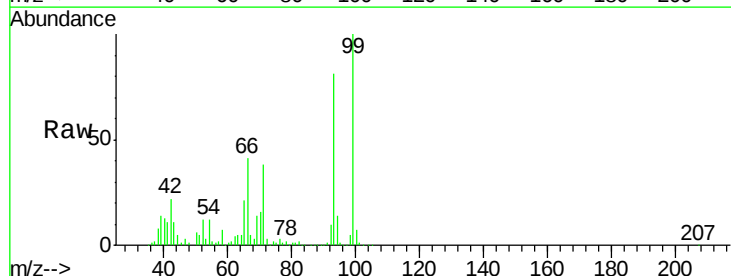
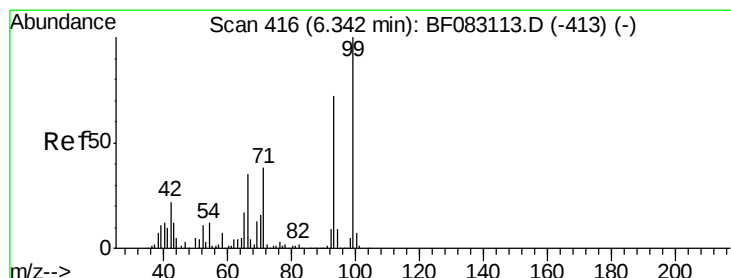
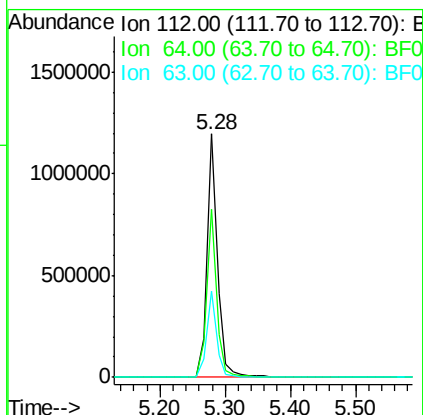
BNA_F

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#6

Aniline

Concen: 58.82 ng

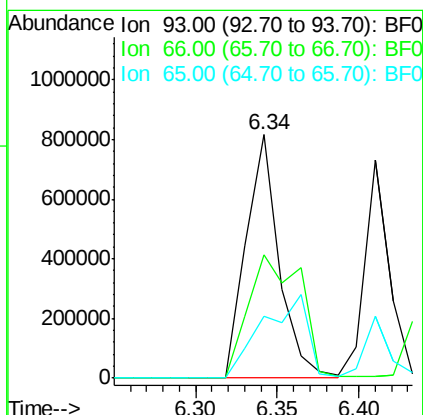
RT: 6.34 min Scan# 416

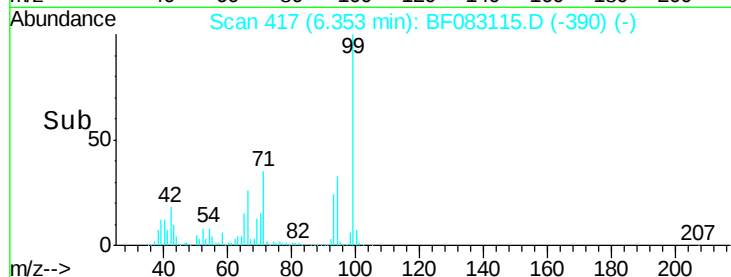
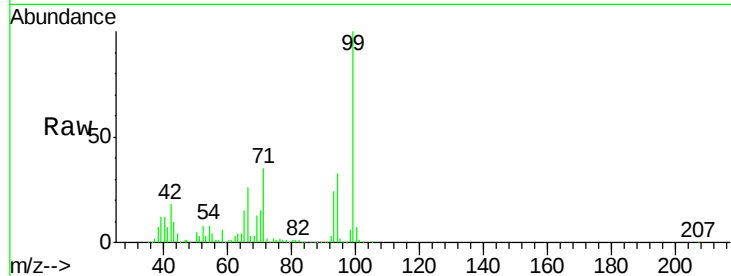
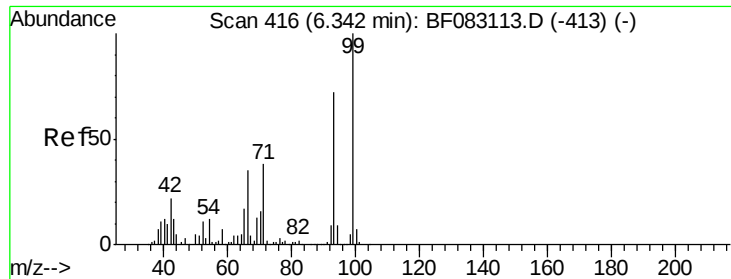
Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion:	93	Resp:	1144193
Ion	Ratio	Lower	Upper
93	100		
66	50.6	51.4	77.2#
65	25.5	30.7	46.1#





#7

Phenol-d6

Concen: 116.86 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tot Ion: 99 Resp: 1783308

Ion Ratio Lower Upper

99 100

42 17.9 16.6 25.0

71 34.6 29.2 43.8

Instrument :

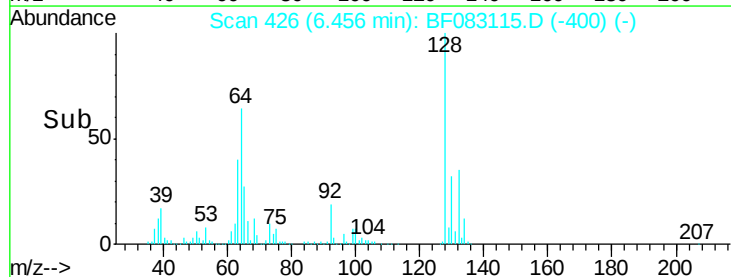
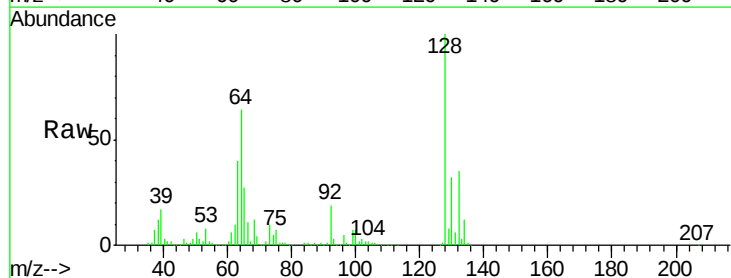
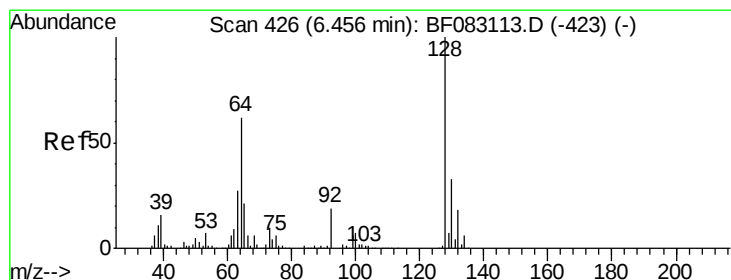
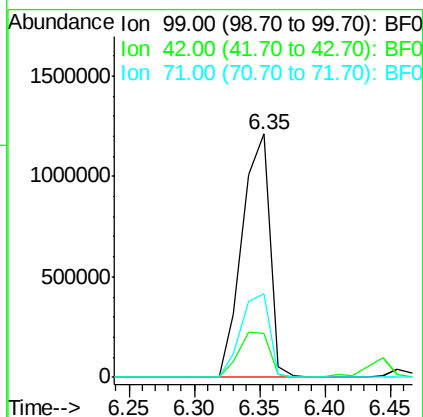
BNA_F

ClientSampleId :

SSTDICC060

Manual Integrations
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#8

2-Chlorophenol

Concen: 55.42 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

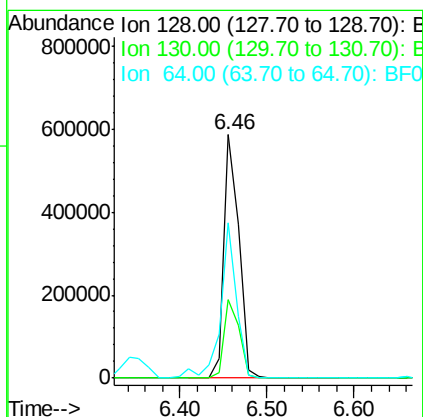
Tgt Ion:128 Resp: 706696

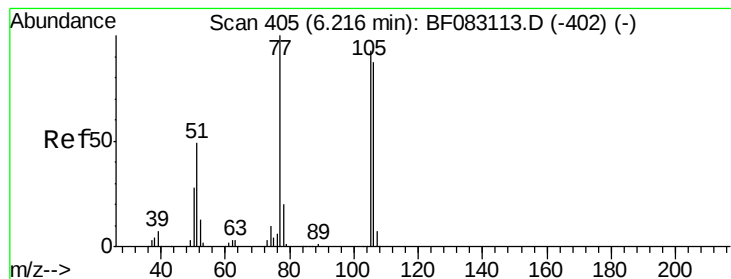
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 63.7 38.3 78.3





#9

Benzaldehyde

Concen: 50.34 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

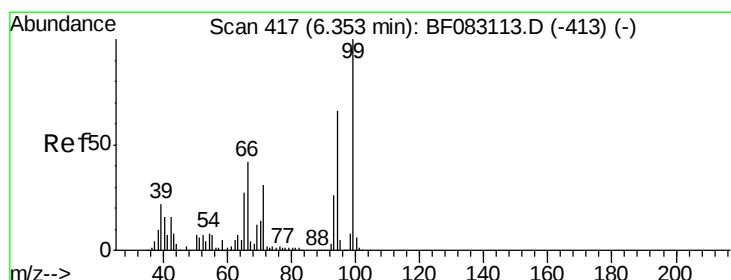
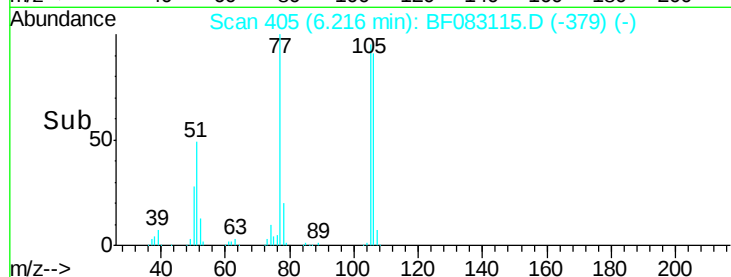
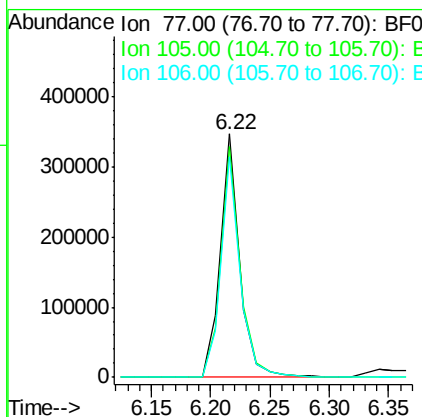
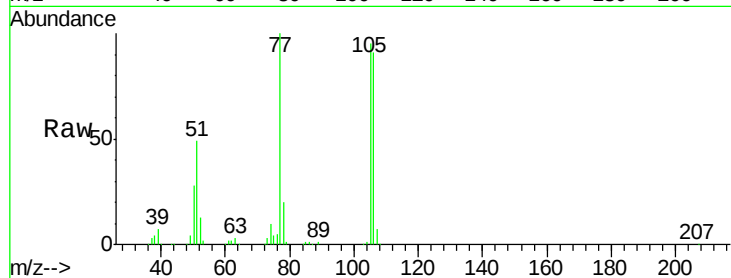
ClientSampleId :

SSTDICC060

Tot Ion:	77	Resp:	391557
Ion Ratio	Lower	Upper	
77	100		
105	94.5	69.6	109.6
106	90.6	62.0	102.0

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



#10

Phenol

Concen: 59.36 ng

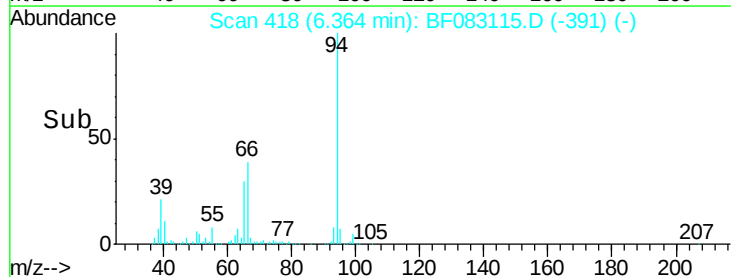
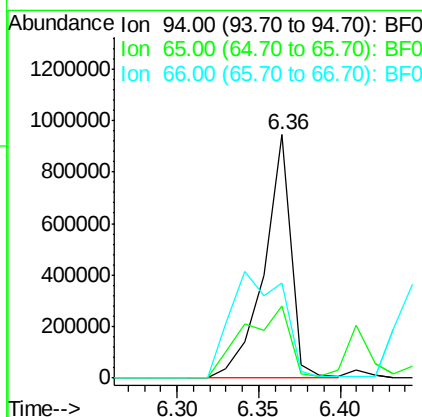
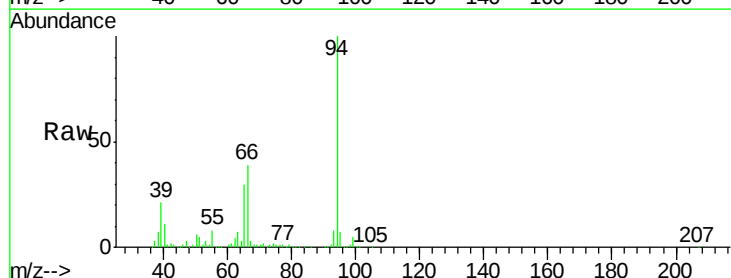
RT: 6.36 min Scan# 418

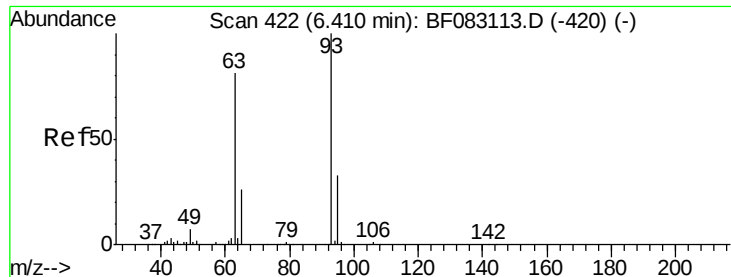
Delta R.T. 0.01 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion:	94	Resp:	1089961
Ion Ratio	Lower	Upper	
94	100		
65	29.5	10.1	50.1
66	39.3	23.2	63.2





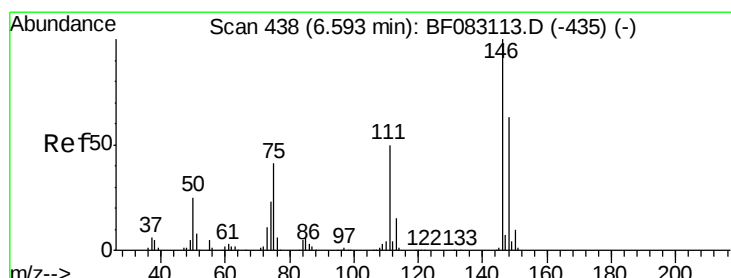
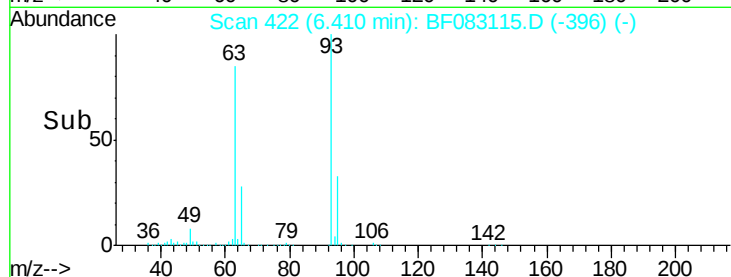
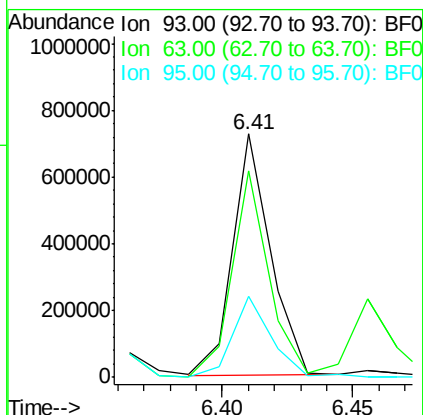
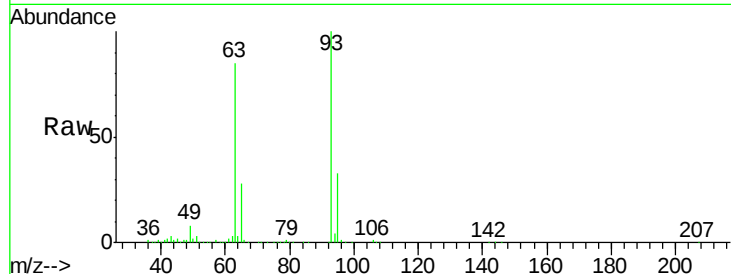
#11
bis(2-Chloroethyl)ether
Concen: 56.22 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:	93	Resp:	739484
Ion	Ratio	Lower	Upper
93	100		
63	84.7	63.6	103.6
95	33.4	13.8	53.8

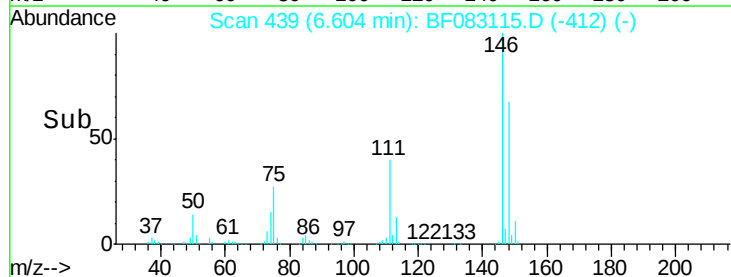
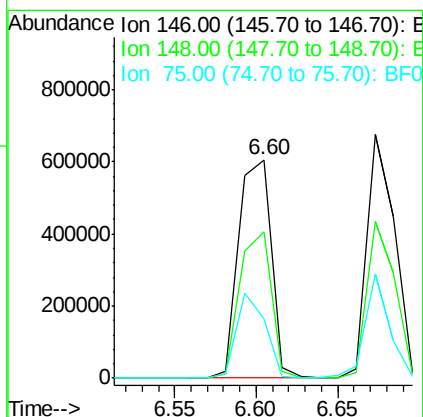
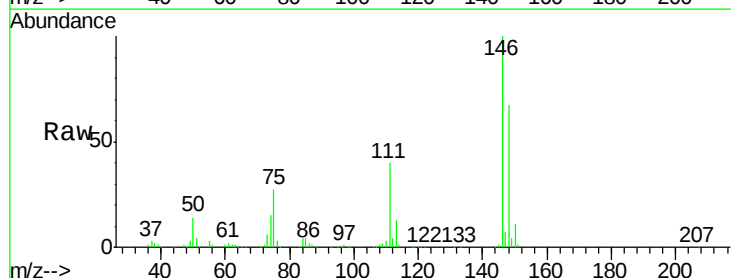
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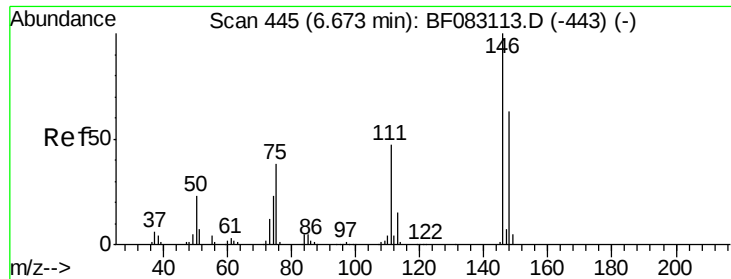
Mmdadoda
11/23/2015 7:01:23 PM



#12
1,3-Dichlorobenzene
Concen: 59.01 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion:	146	Resp:	835635
Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.8	79.2
75	27.1	20.3	30.5





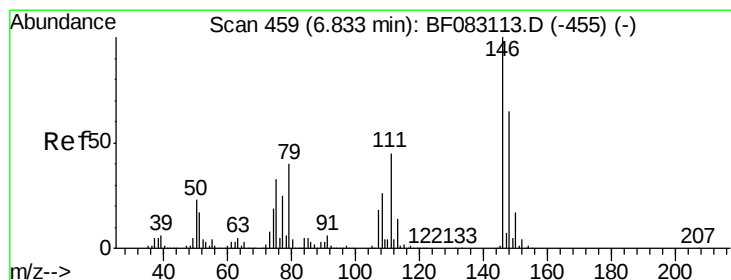
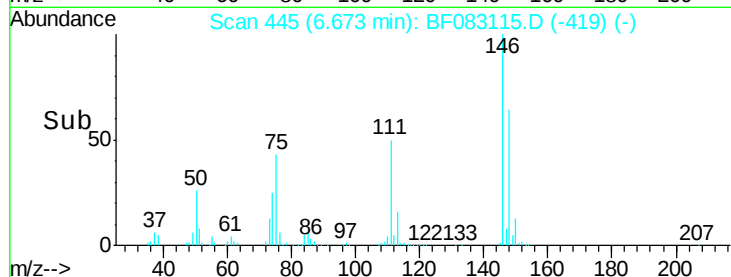
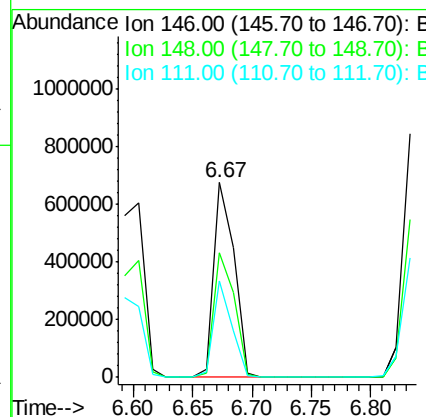
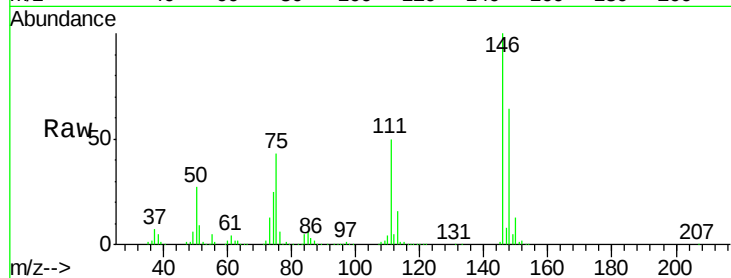
#13
 1,4-Dichlorobenzene
 Concen: 55.59 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.6	74.4
111	49.7	39.0	58.6

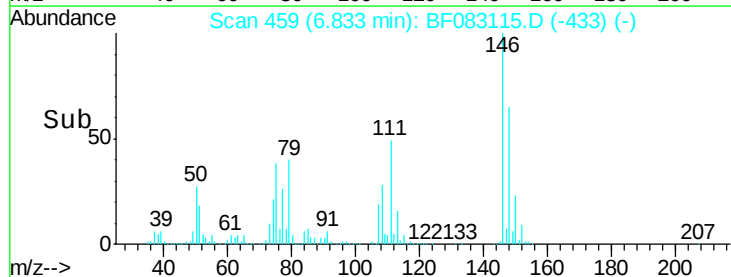
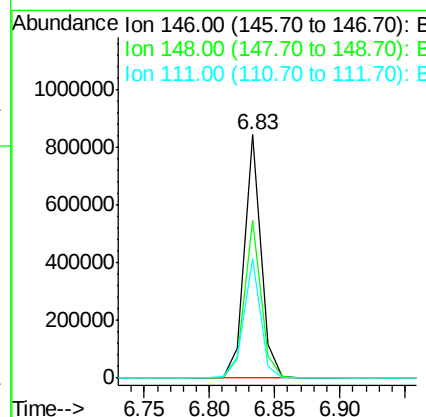
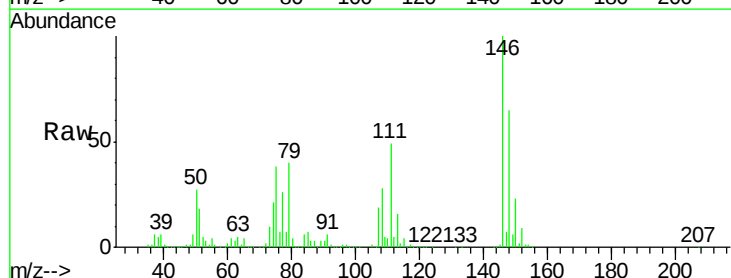
Manual Integrations
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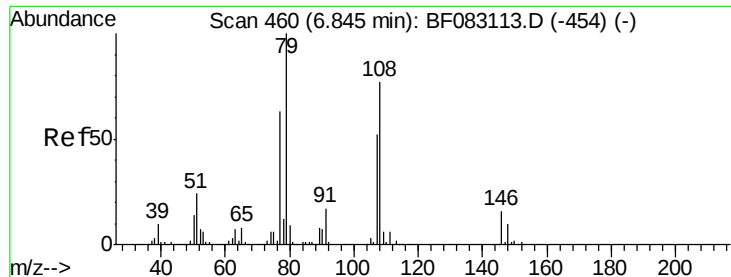
Mmdadoda
 11/23/2015 7:01:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 55.89 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
111	49.0	38.2	57.2





#15

Benzyl Alcohol

Concen: 60.38 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 79 Resp: 774349

Ion Ratio Lower Upper

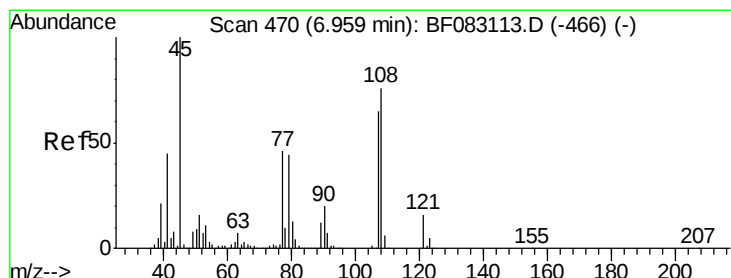
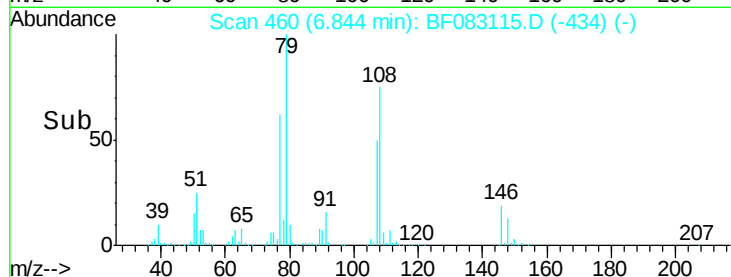
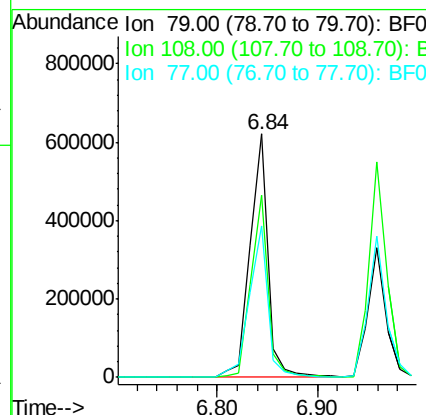
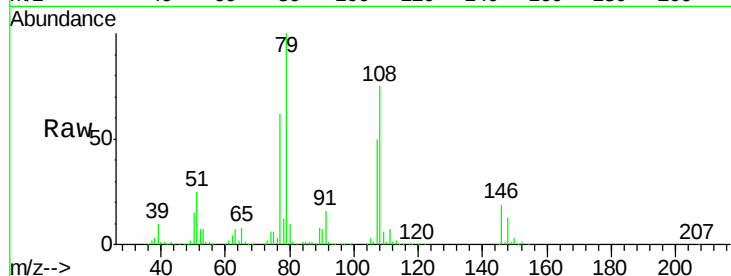
79 100

108 74.7 55.7 83.5

77 62.2 50.7 76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.63 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

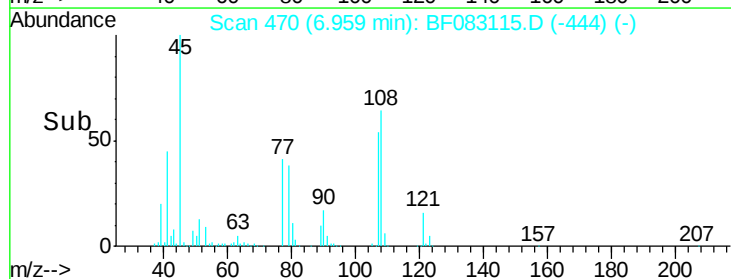
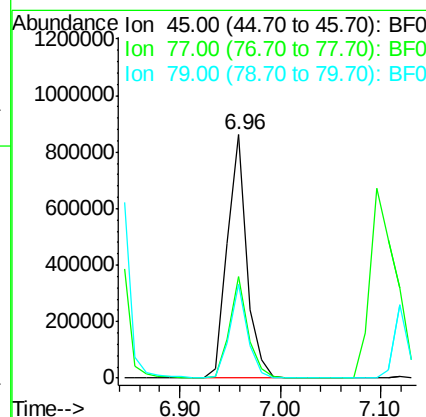
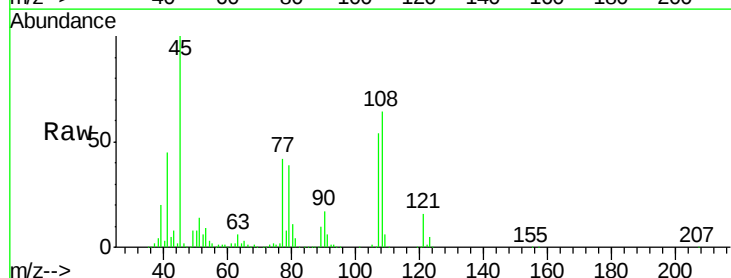
Tgt Ion: 45 Resp: 1154885

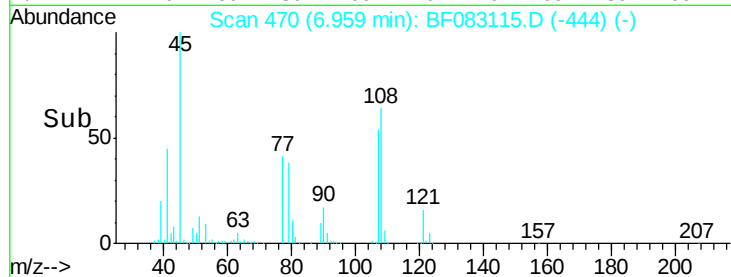
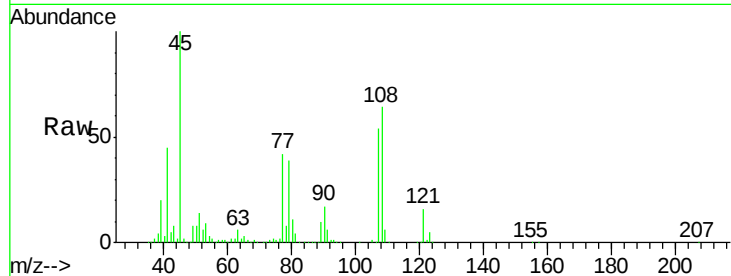
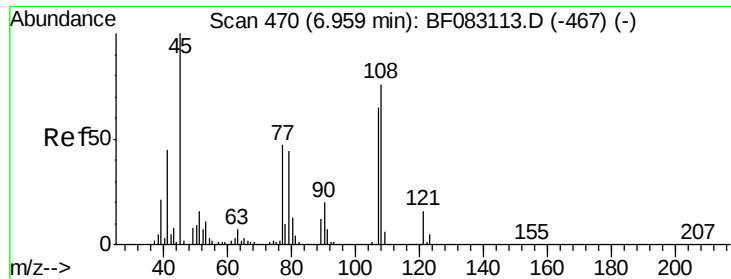
Ion Ratio Lower Upper

45 100

77 41.9 0.0 36.7#

79 38.6 0.0 33.0#





#17

2-Methylphenol

Concen: 56.20 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

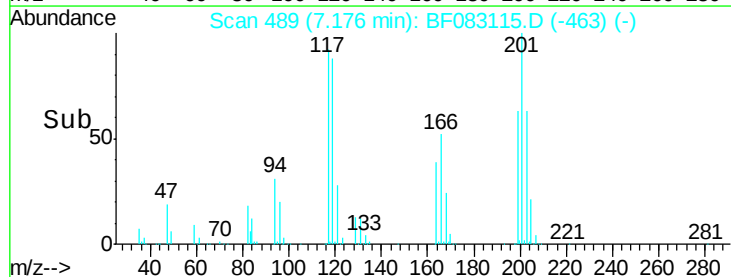
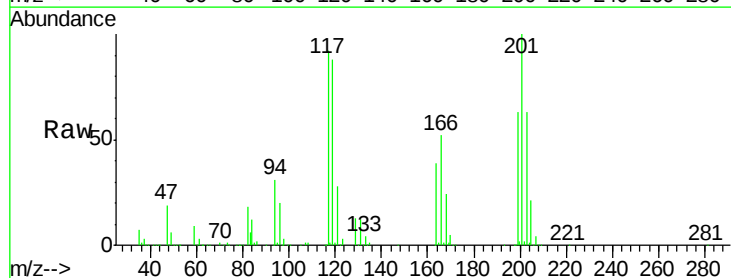
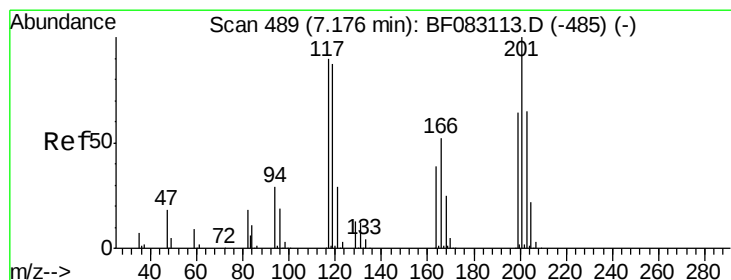
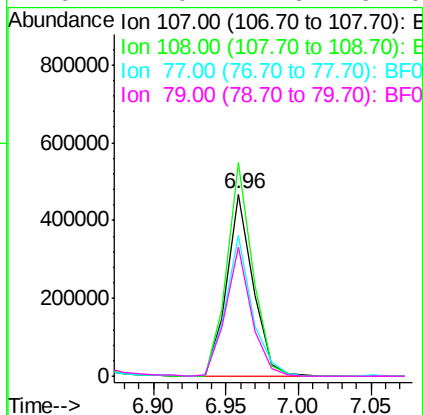
ClientSampleId :

SSTDICC060

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11/23/2015 7:01:23 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	117.2	92.3	138.5		
77	77.1	43.9	65.9#		
79	71.0	42.6	64.0#		



#18

Hexachloroethane

Concen: 59.04 ng

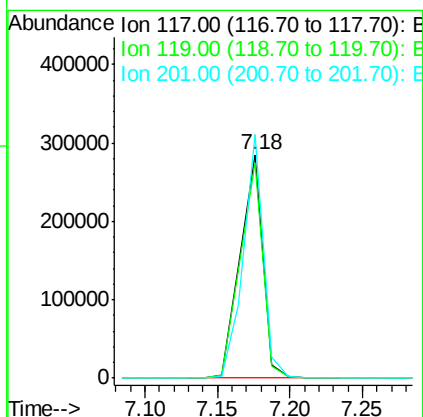
RT: 7.18 min Scan# 489

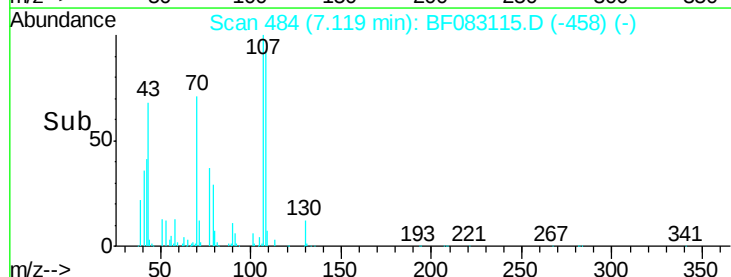
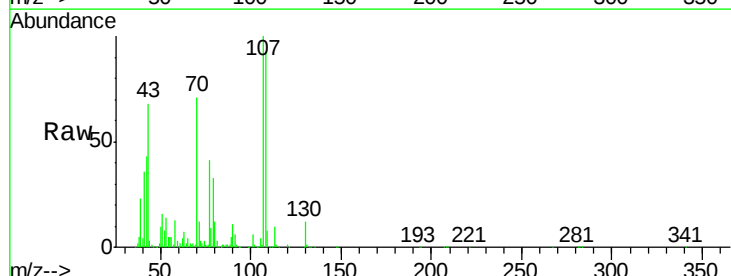
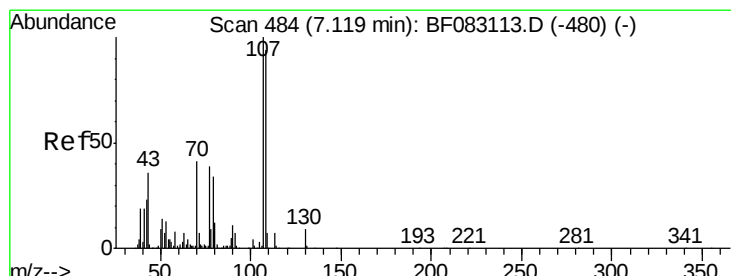
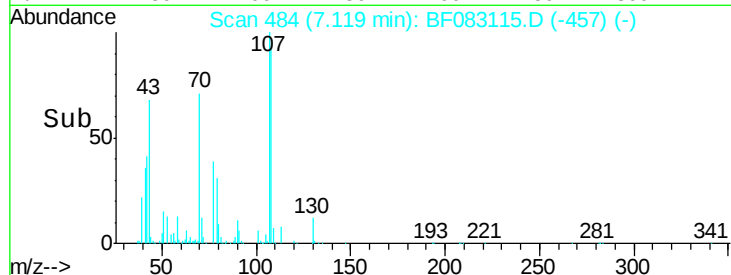
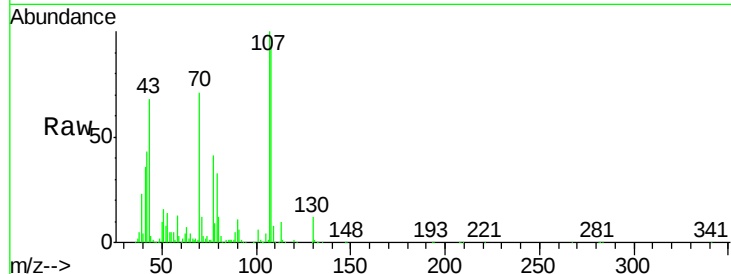
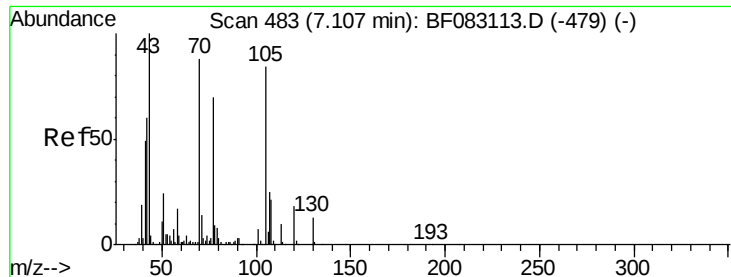
Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.1	78.3	117.5		
201	108.9	66.5	99.7#		





#19

n-Nitroso-di-n-propylamine

Concen: 58.79 ng

RT: 7.12 min Scan# 484

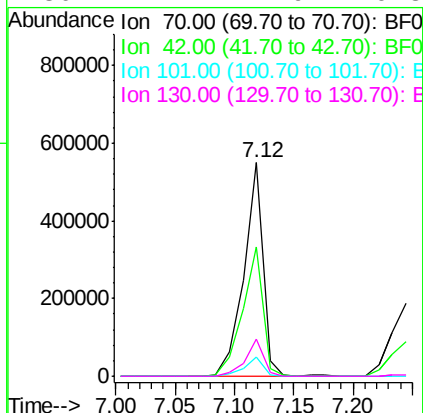
Delta R.T. 0.01 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.3	50.2	75.2		
101	8.9	6.8	10.2		
130	17.4	12.9	19.3		



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#20

3+4-Methylphenols

Concen: 56.20 ng

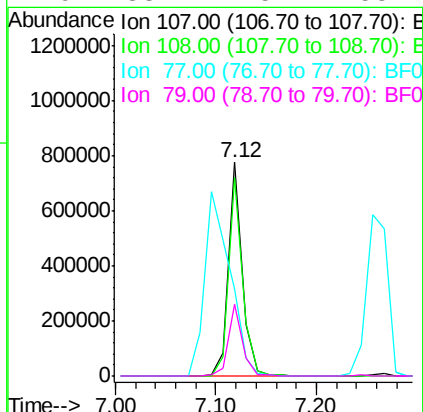
RT: 7.12 min Scan# 484

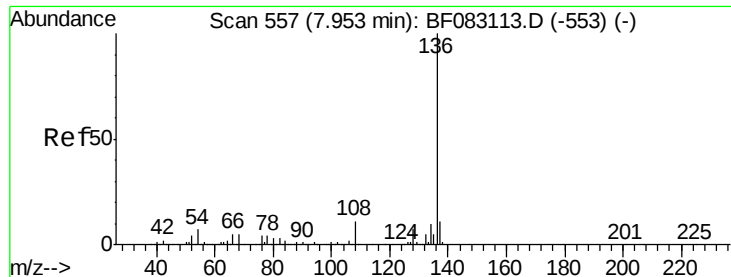
Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.8	77.4	117.4		
77	41.0	16.7	56.7		
79	33.4	15.2	55.2		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

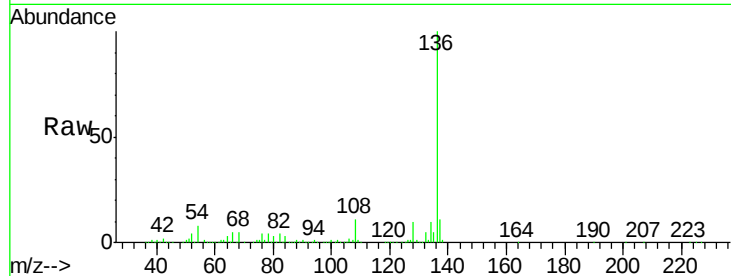
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	681752		
137	11.3	8.6	12.8	
54	7.8	6.2	9.2	
68	5.2	4.2	6.2	

Manual Integrations
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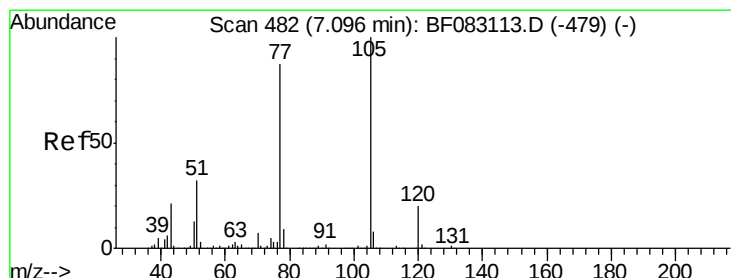
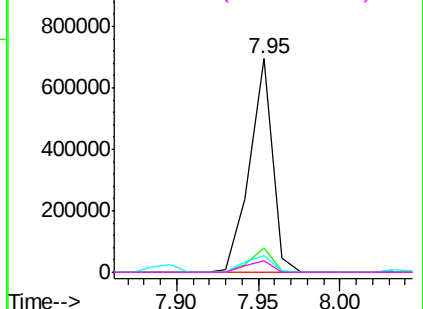
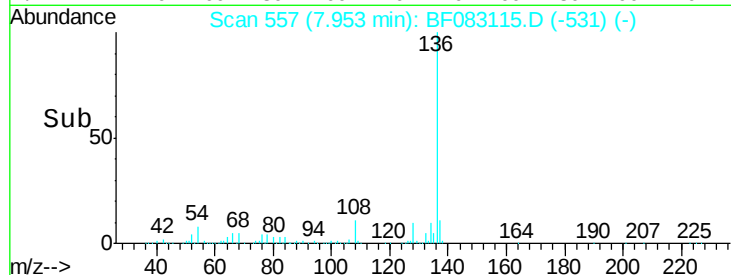
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 57.65 ng

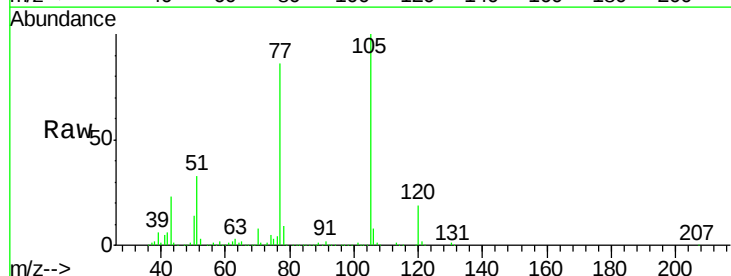
RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1111606		
71	1.4	2.3	3.5#	
51	33.3	26.1	39.1	
120	19.2	15.3	22.9	



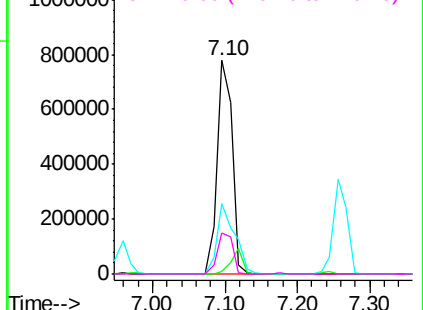
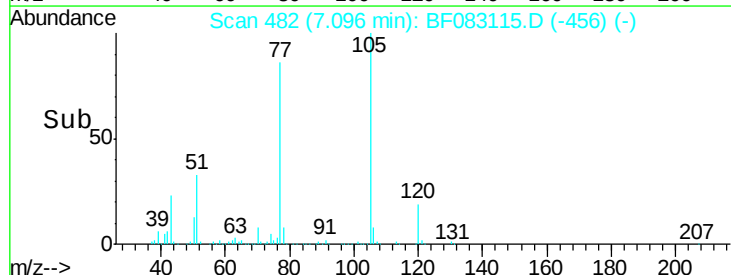
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





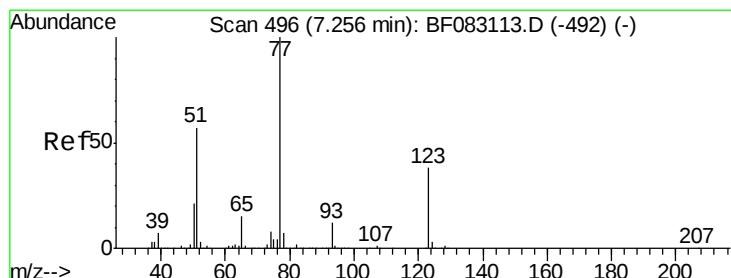
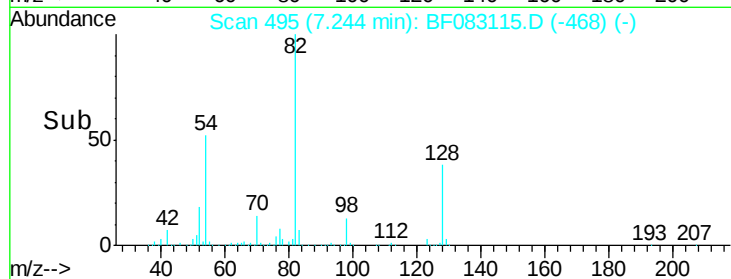
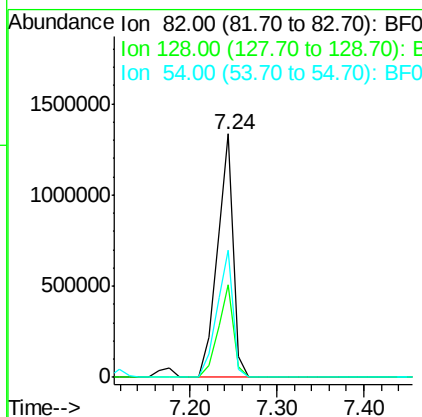
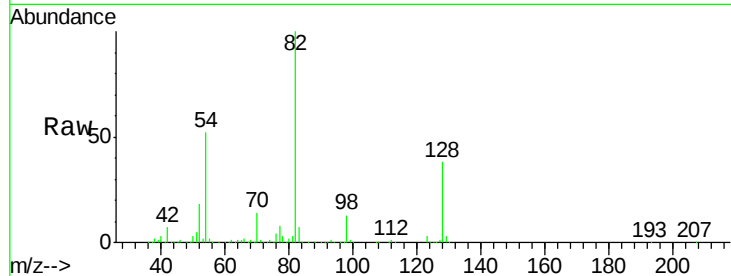
#23
Nitrobenzene-d5
Concen: 115.84 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	82	Resp	1704126
Ion Ratio	100	Lower	Upper
82	100		
128	38.1	33.1	49.7
54	52.1	39.8	59.6

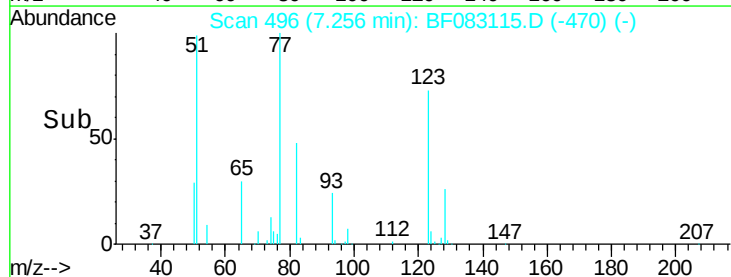
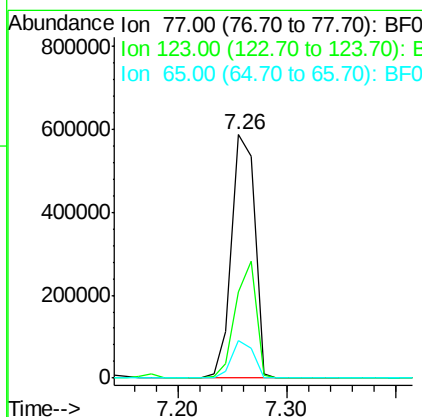
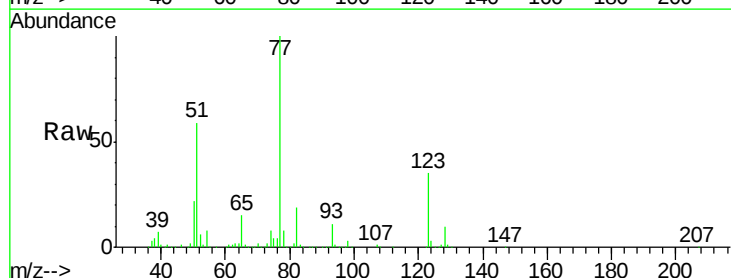
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11/23/2015 7:01:23 PM



#24
Nitrobenzene
Concen: 54.89 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion	77	Resp	864849
Ion Ratio	100	Lower	Upper
77	100		
123	35.3	28.2	42.4
65	15.3	11.8	17.8





#25

Isophorone

Concen: 58.34 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1638113

Ion Ratio Lower Upper

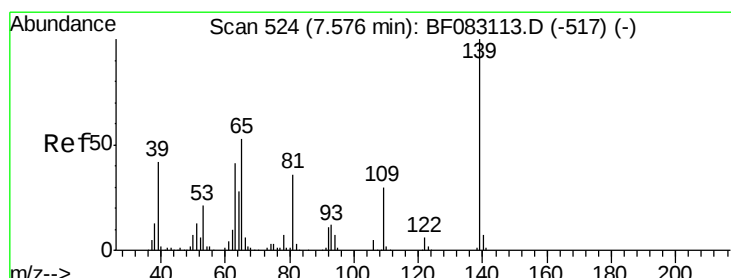
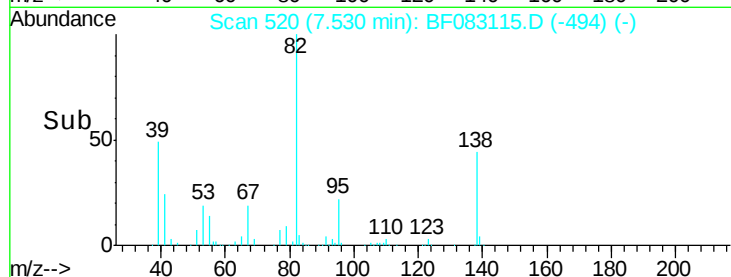
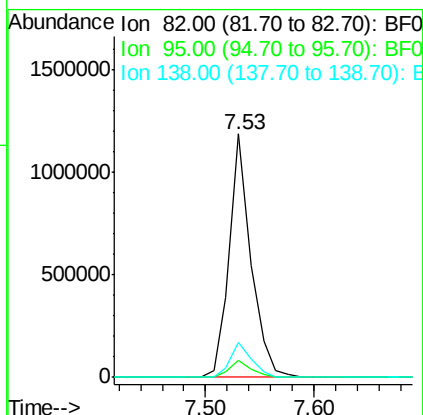
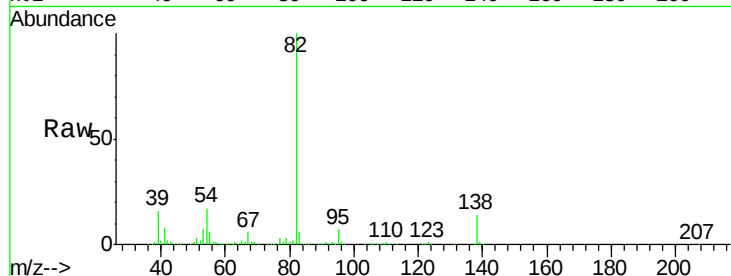
82 100

95 7.2 5.7 8.5

138 14.3 12.2 18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 59.83 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

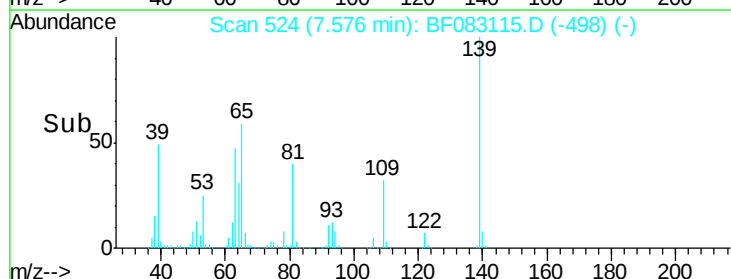
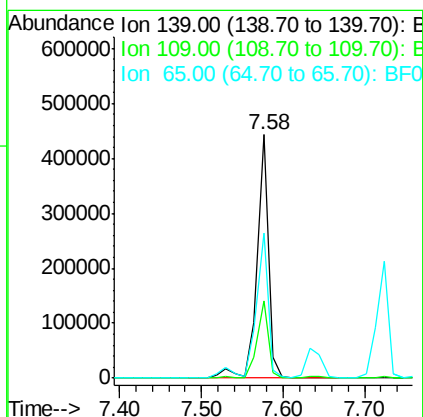
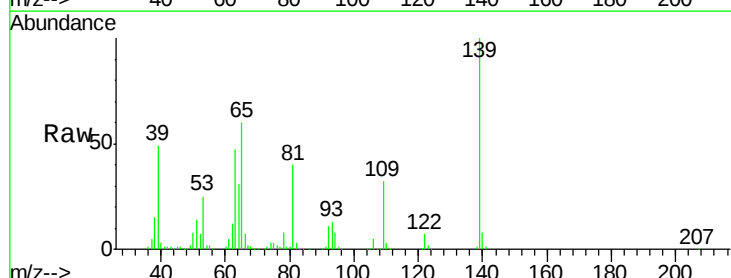
Tgt Ion: 139 Resp: 426432

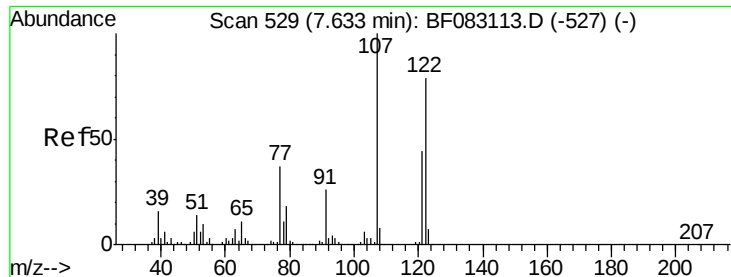
Ion Ratio Lower Upper

139 100

109 31.8 27.8 41.6

65 59.6 56.4 84.6





#27

2,4-Dimethylphenol

Concen: 56.73 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

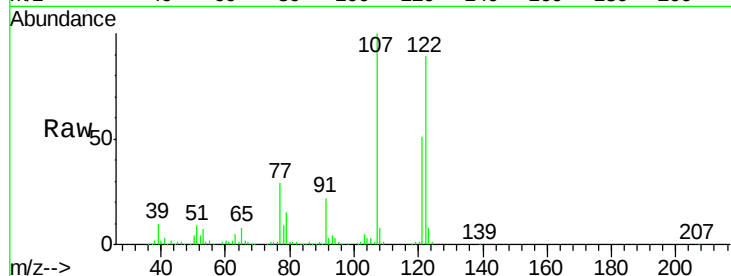
ClientSampleId :

SSTDIC060

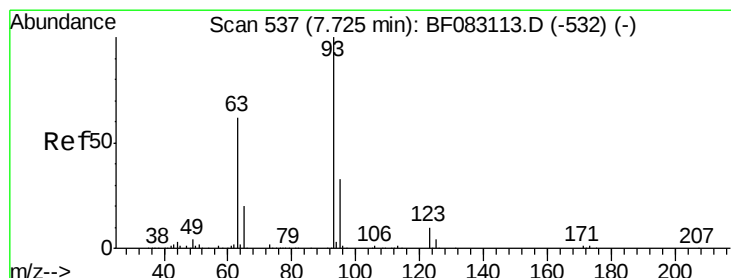
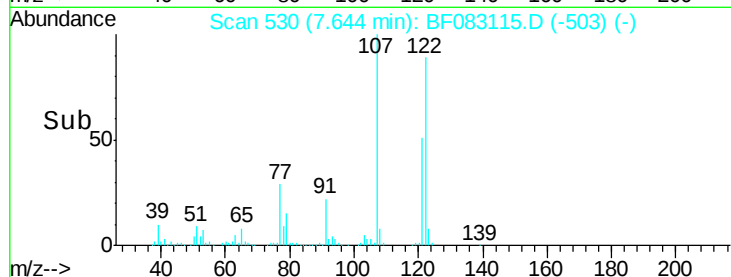
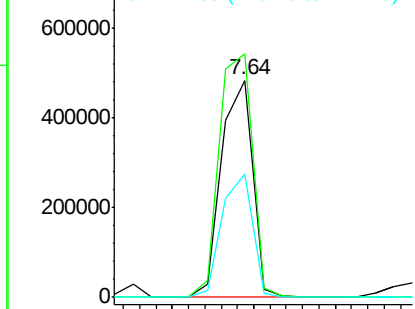
Tot Ion:	122	Resp:	638385
Ion Ratio	Lower	Upper	
122	100		
107	112.3	97.5	146.3
121	57.1	45.3	67.9

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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: 58.10 ng

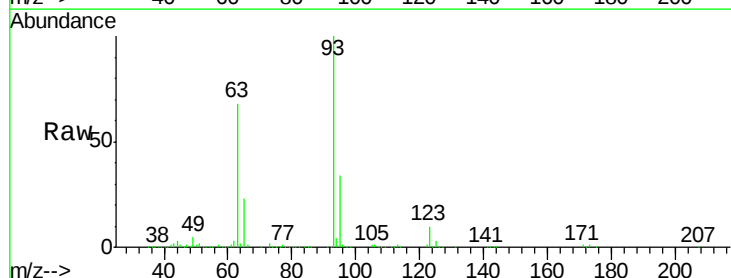
RT: 7.72 min Scan# 537

Delta R.T. -0.00 min

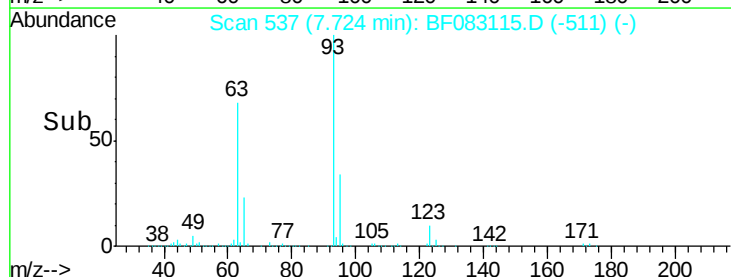
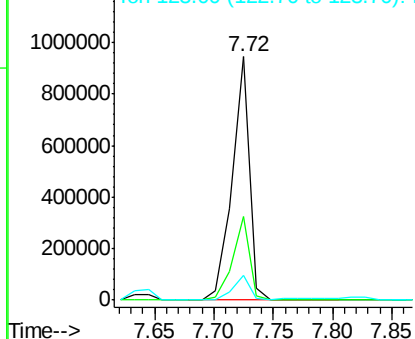
Lab File: BF083115.D

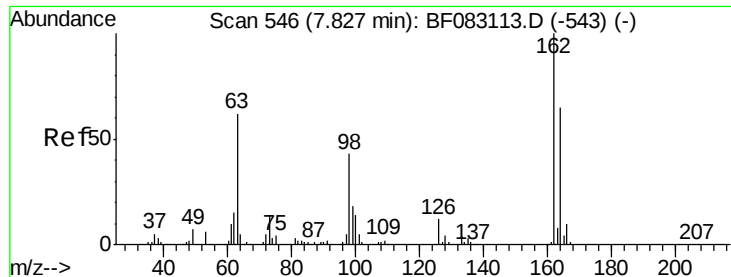
Acq: 21 Nov 2015 15:55

Tgt Ion:	93	Resp:	948207
Ion Ratio	Lower	Upper	
93	100		
95	34.4	26.2	39.2
123	10.3	8.5	12.7



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: 56.42 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

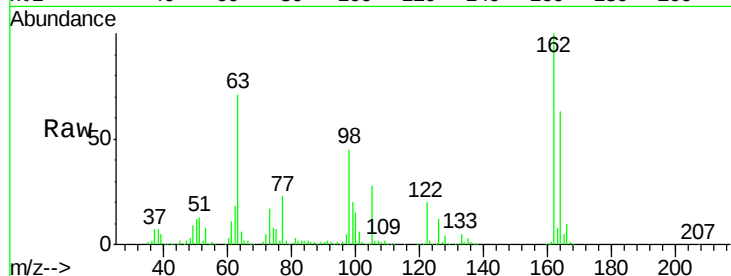
ClientSampleId :

SSTDIC060

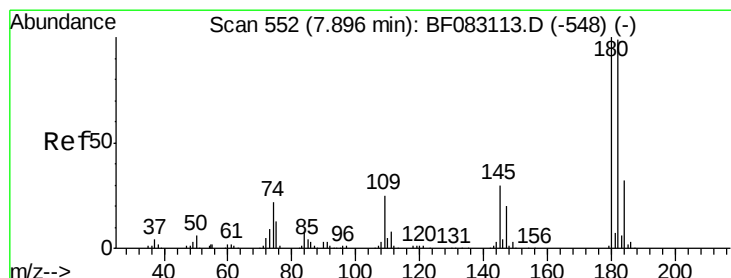
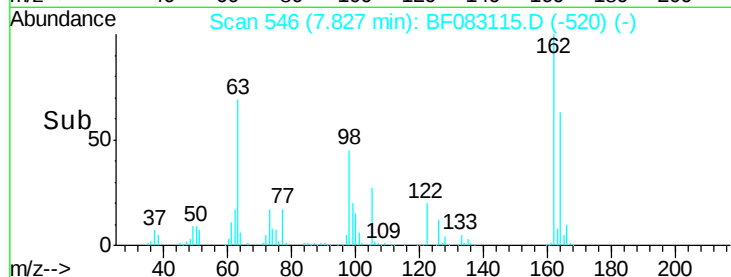
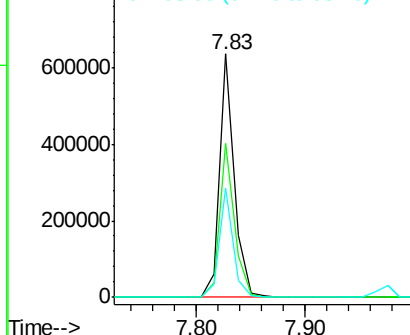
Tot Ion:	162	Resp:	599483
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.1	84.1
98	45.1	21.6	61.6

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 57.99 ng

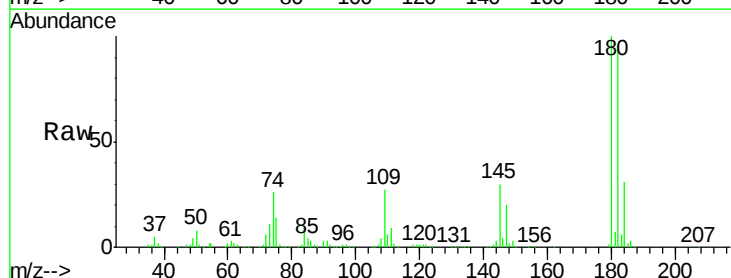
RT: 7.90 min Scan# 552

Delta R.T. -0.00 min

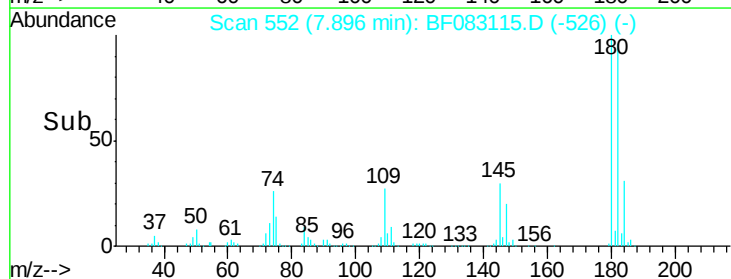
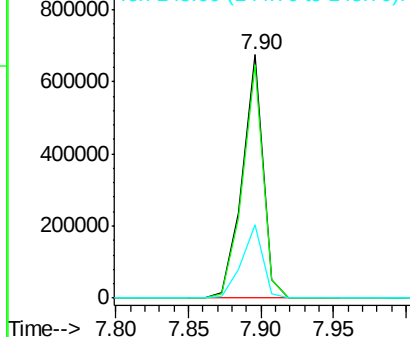
Lab File: BF083115.D

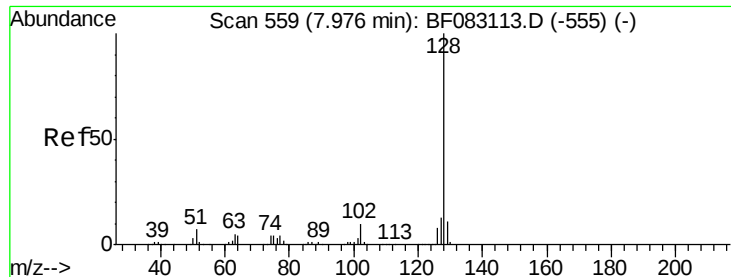
Acq: 21 Nov 2015 15:55

Tgt Ion:	180	Resp:	670507
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.2	114.4
145	30.0	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 58.11 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:128 Resp: 2079969

Ion Ratio Lower Upper

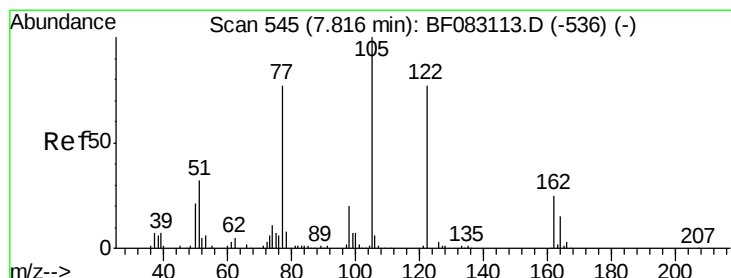
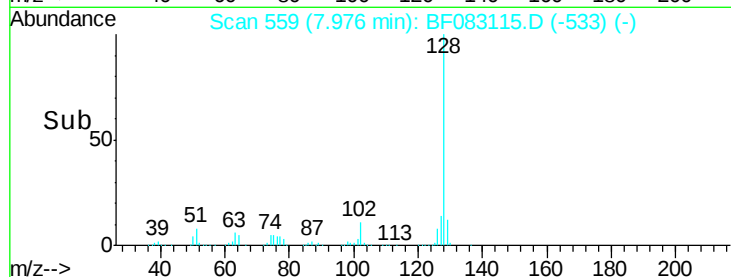
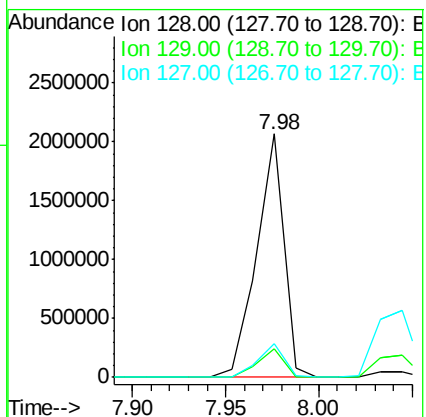
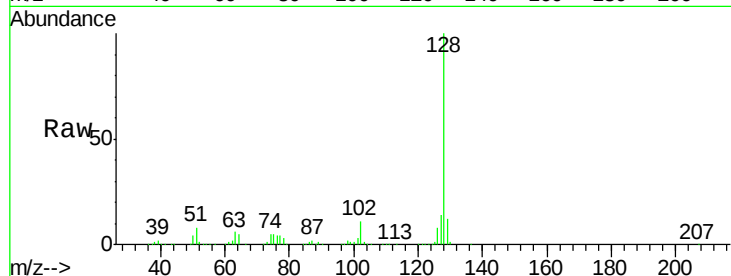
128 100

129 11.9 9.0 13.4

127 14.1 10.9 16.3

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#32

Benzoic acid

Concen: 57.59 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

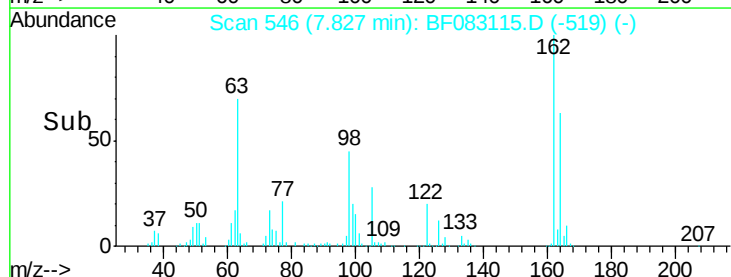
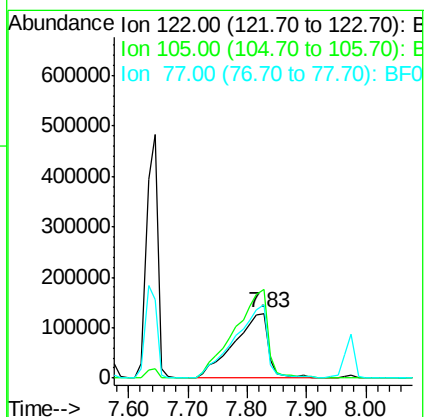
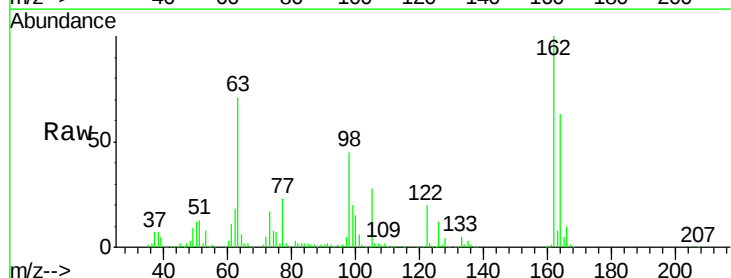
Tgt Ion:122 Resp: 519997

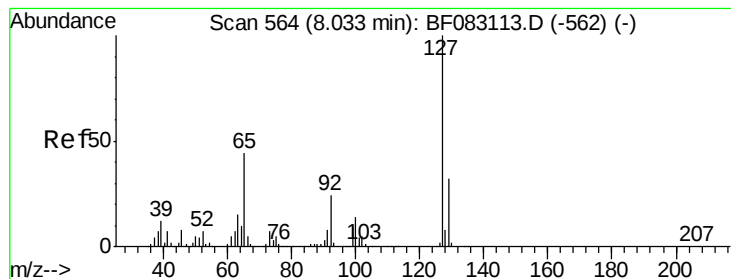
Ion Ratio Lower Upper

122 100

105 138.3 115.0 155.0

77 113.7 89.0 129.0





#33

4-Chloroaniline

Concen: 56.63 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

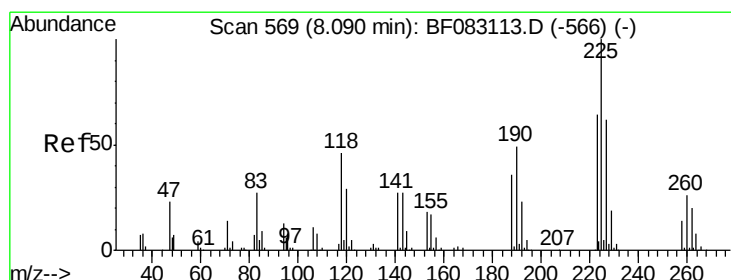
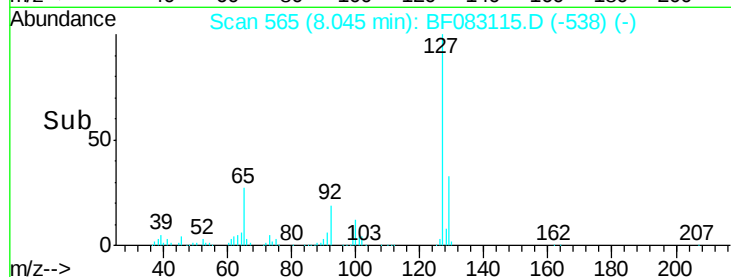
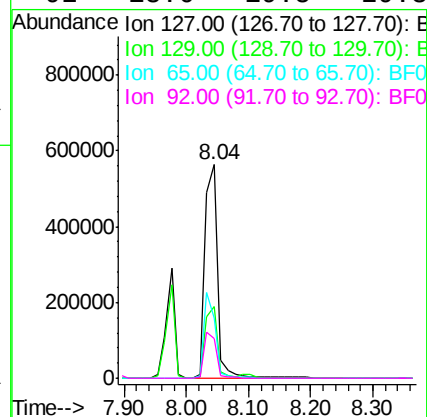
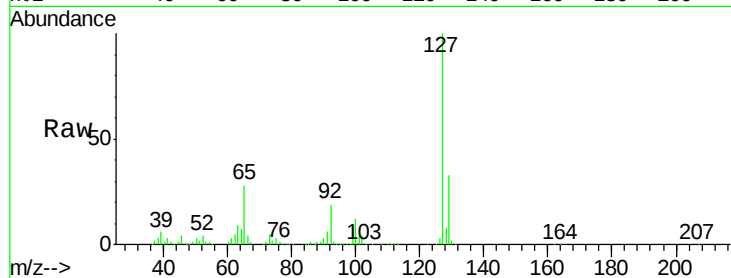
ClientSampleId :

SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.1	39.1		
65	28.1	34.4	51.6		
92	18.6	19.5	29.3		

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#34

Hexachlorobutadiene

Concen: 56.89 ng

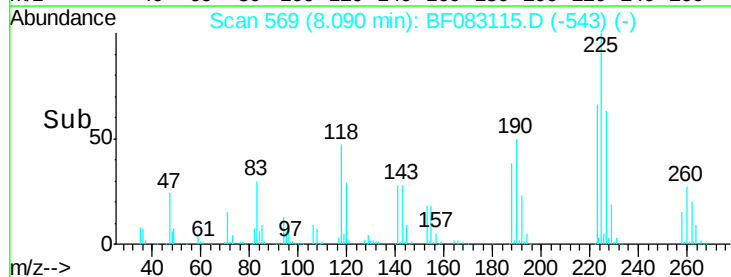
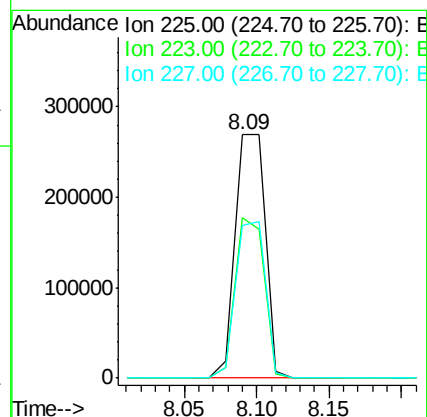
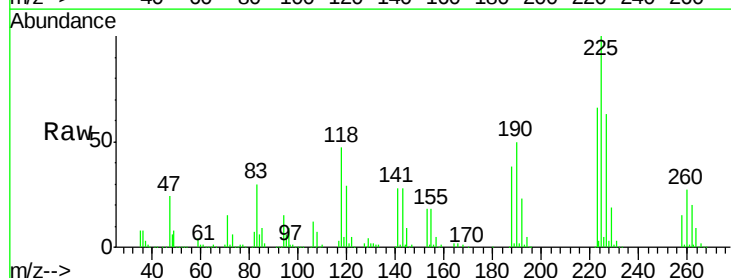
RT: 8.09 min Scan# 569

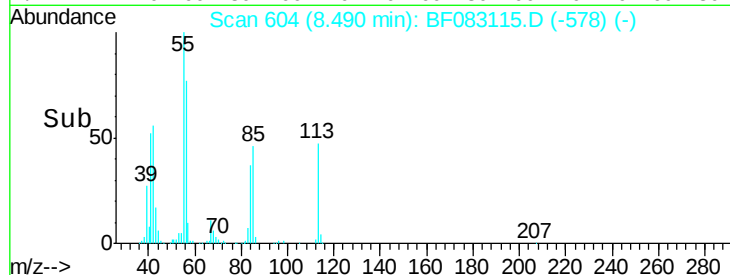
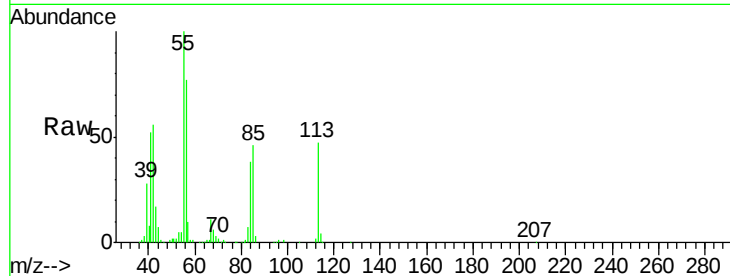
Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.1	49.8	74.6		
227	62.7	50.6	76.0		





#35

Caprolactam

Concen: 65.95 ng/ml

RT: 8.49 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tot Ion:	113	Resp:	214021
Ion Ratio	Lower	Upper	
113	100		
55	212.3	189.1	229.1
56	164.4	137.9	177.9

Instrument :

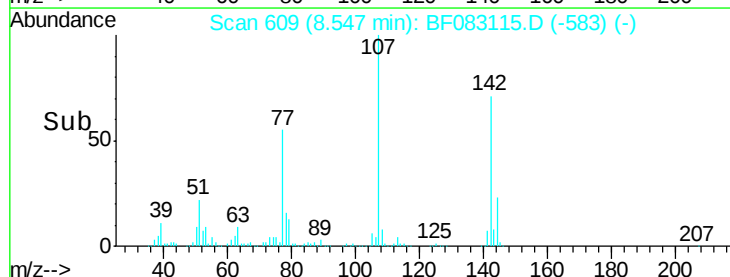
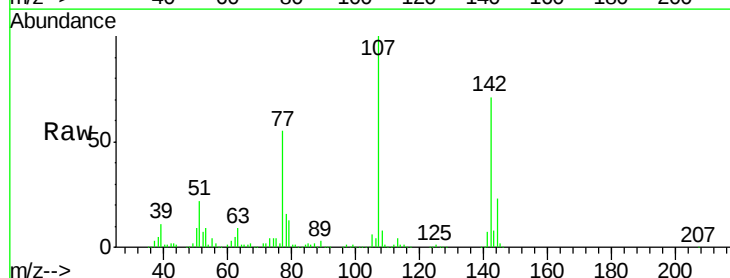
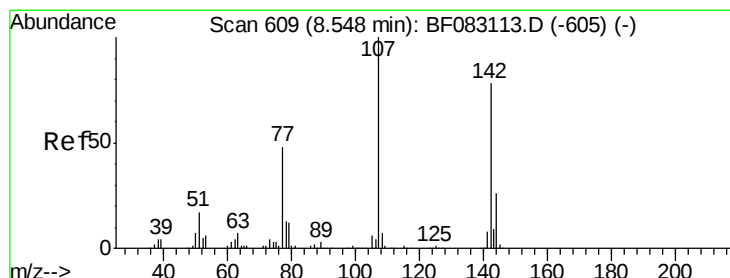
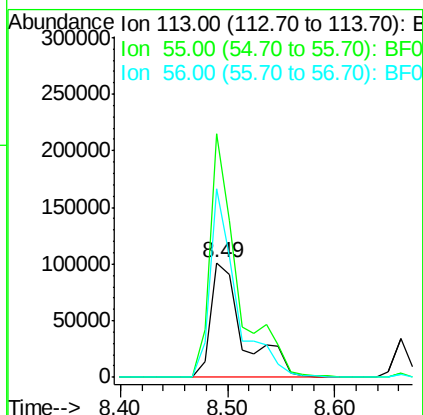
BNA_F

ClientSampleId :

SSTDICC060

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#36

4-Chloro-3-methylphenol

Concen: 59.99 ng/ml

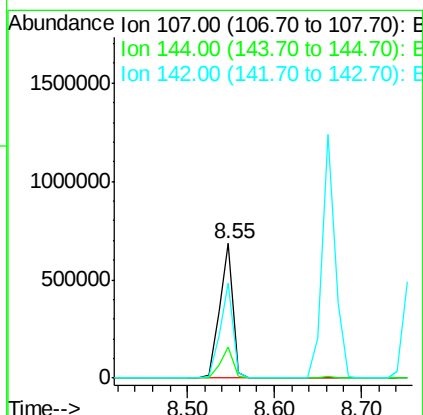
RT: 8.55 min Scan# 609

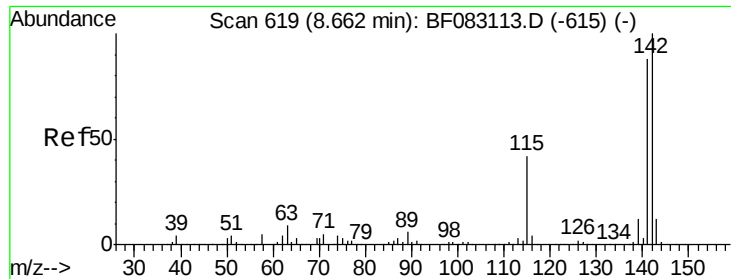
Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion:	107	Resp:	737731
Ion Ratio	Lower	Upper	
107	100		
144	22.8	20.0	30.0
142	70.7	61.3	91.9





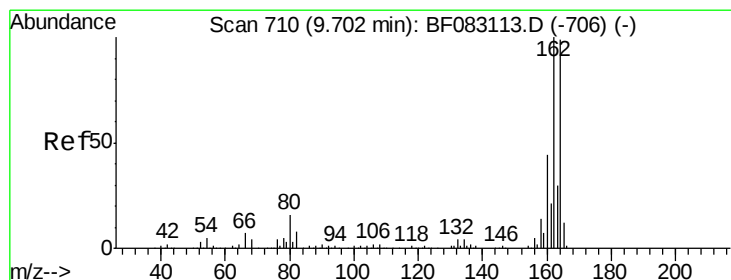
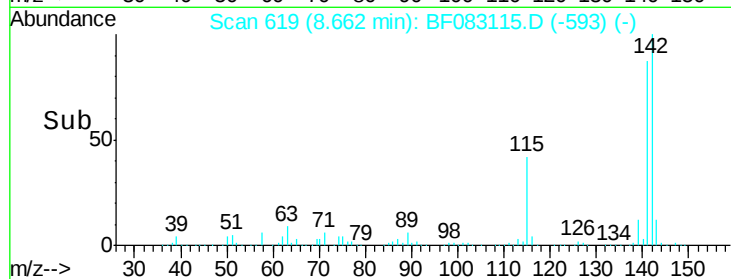
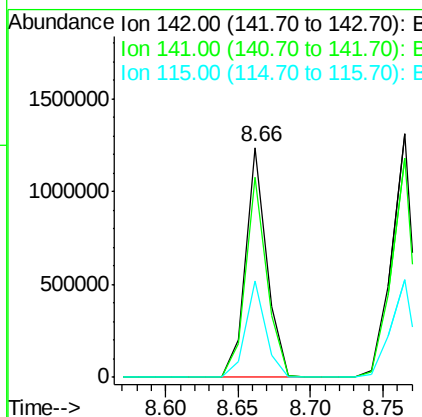
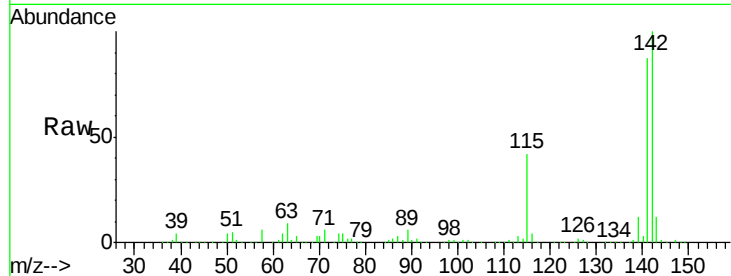
#37
2-Methylnaphthalene
Concen: 54.39 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.7	106.1
115	41.9	33.1	49.7

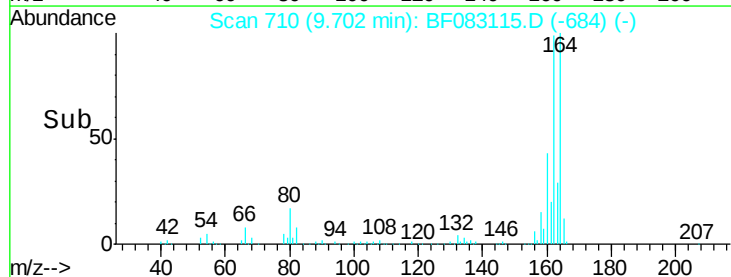
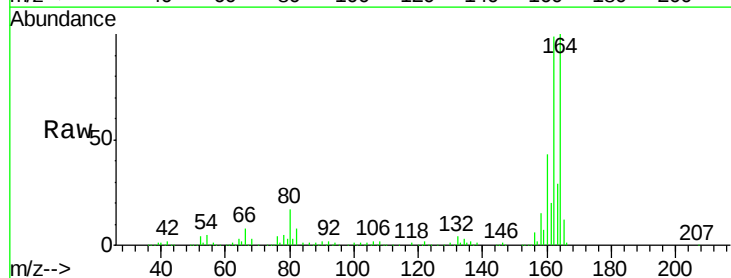
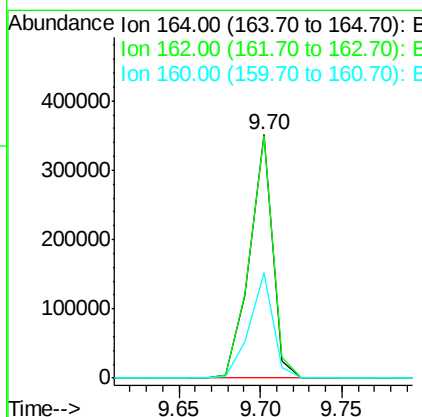
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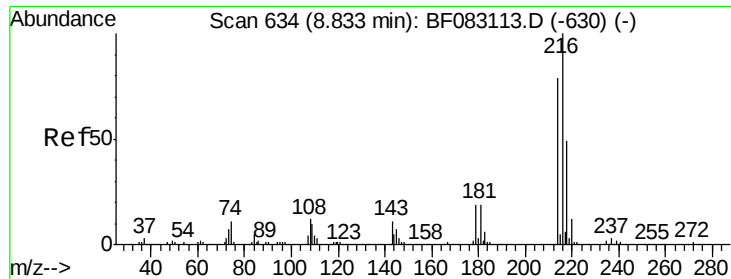
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.5	120.7
160	43.0	35.0	52.4





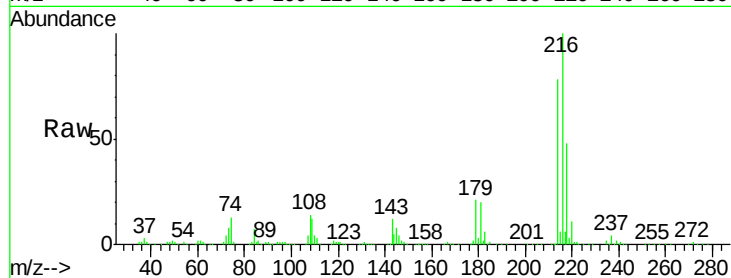
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 59.84 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

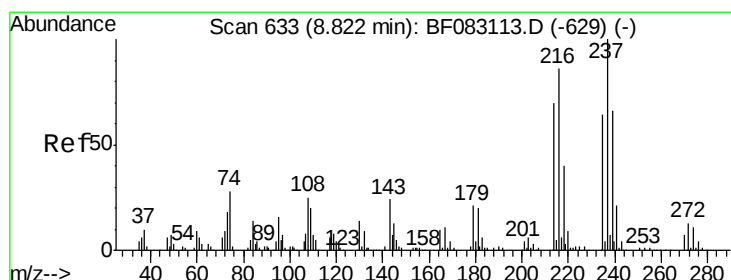
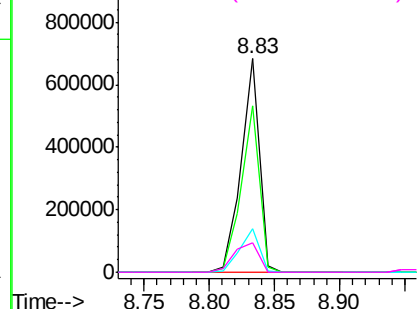
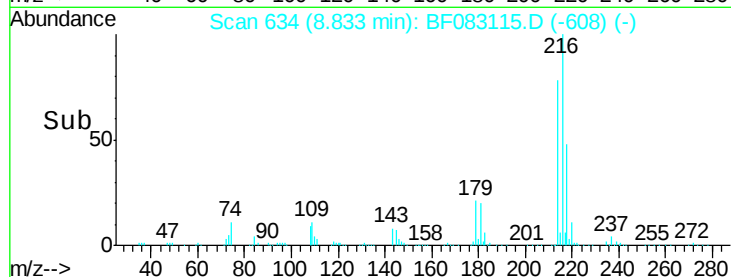
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.3		64.6	97.0	
179	21.8		17.8	26.6	
108	19.3		16.8	25.2	

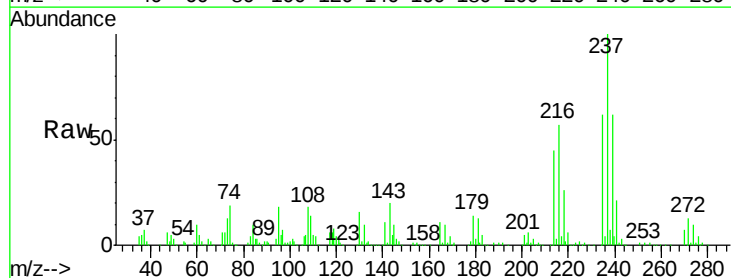


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

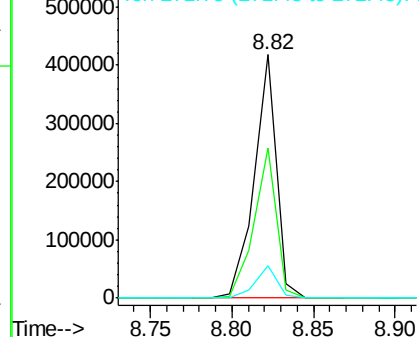
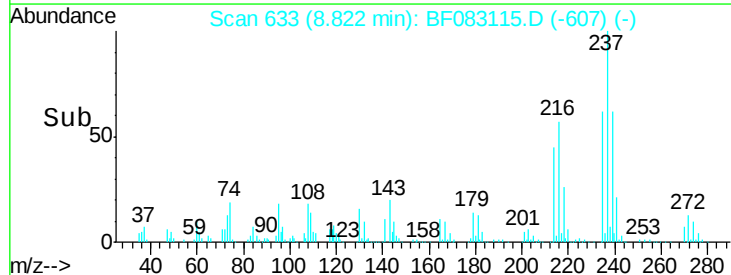


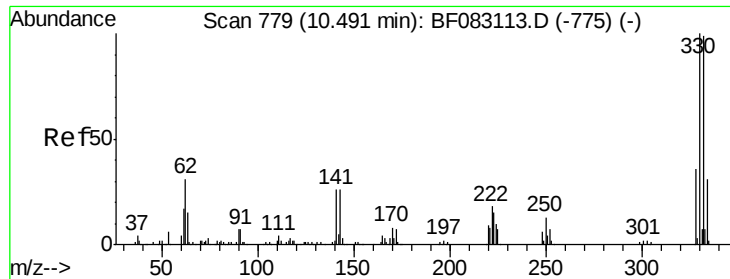
#40
 Hexachlorocyclopentadiene
 Concen: 60.23 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.7		44.1	84.1	
272	13.3		0.0	30.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





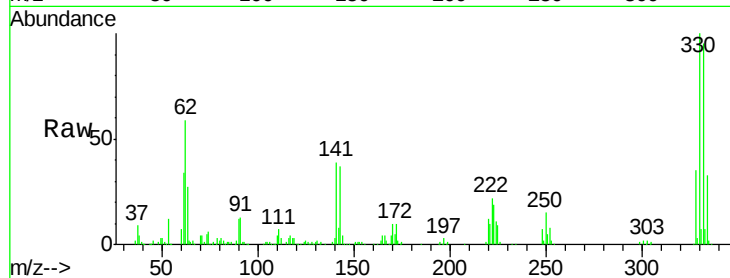
#41
 2,4,6-Tribromophenol
 Concen: 111.75 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

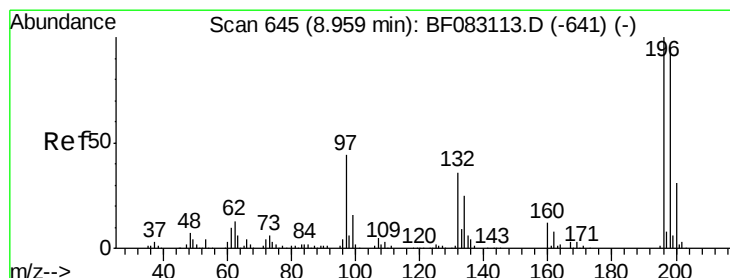
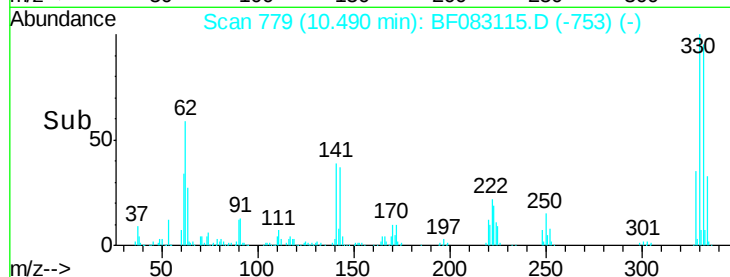
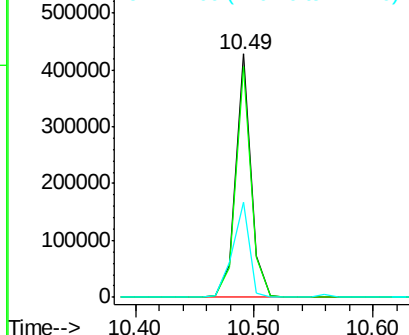
Tot Ion	Ratio	Resp	Lower	Upper
330	100	387823		
332	94.6	77.6	116.4	
141	42.5	34.6	52.0	

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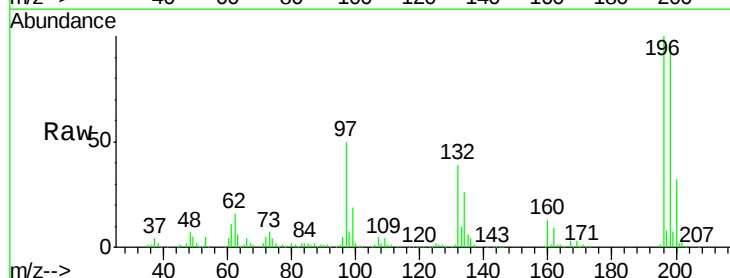


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

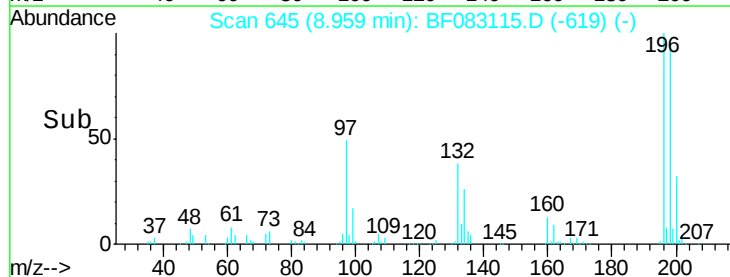
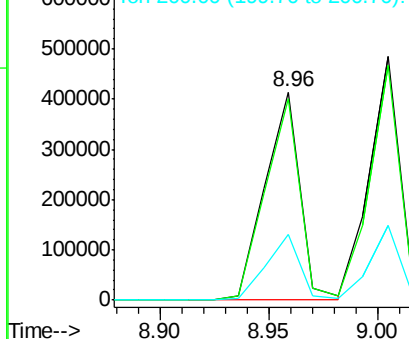


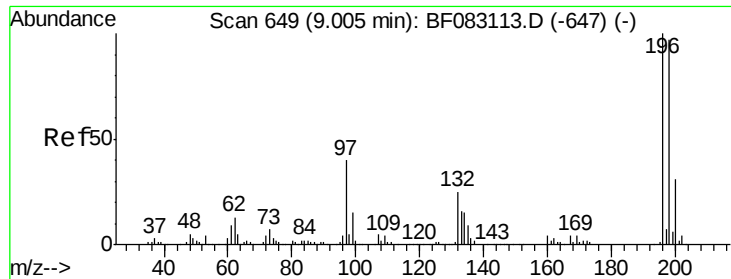
#42
 2,4,6-Trichlorophenol
 Concen: 58.17 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	462927		
198	96.7	75.9	113.9	
200	31.8	24.0	36.0	



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





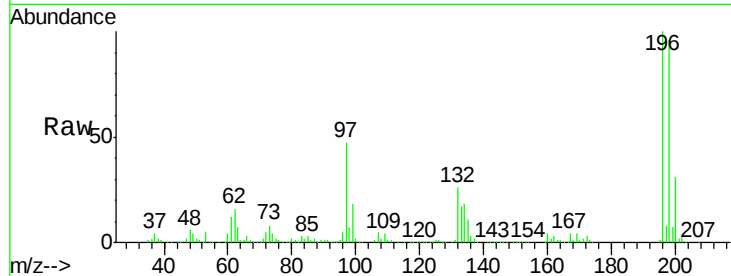
#43
2,4,5-Trichlorophenol
Concen: 58.71 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		476533		
198	96.2	77.8	116.6		
97	46.7	37.1	55.7		
132	25.6	21.0	31.4		

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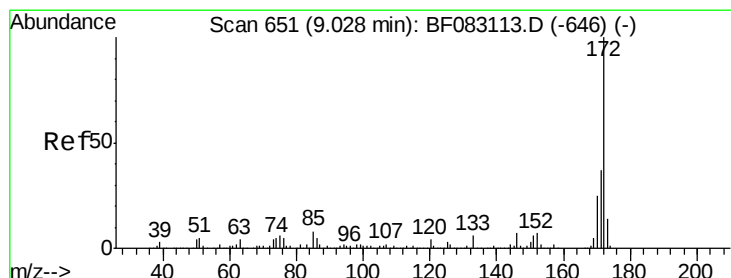
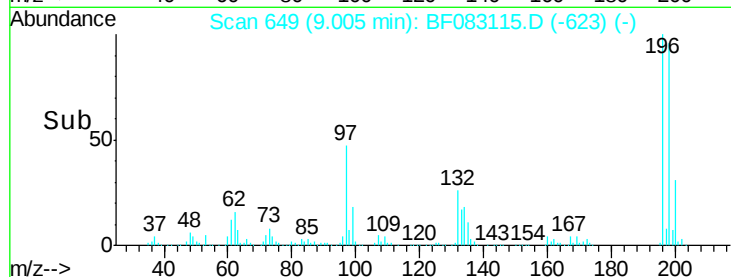
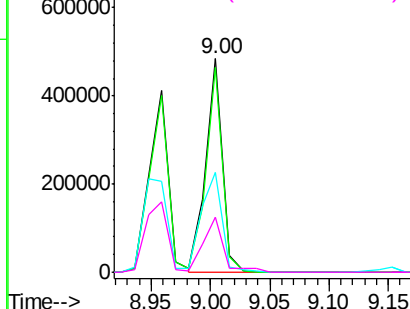
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

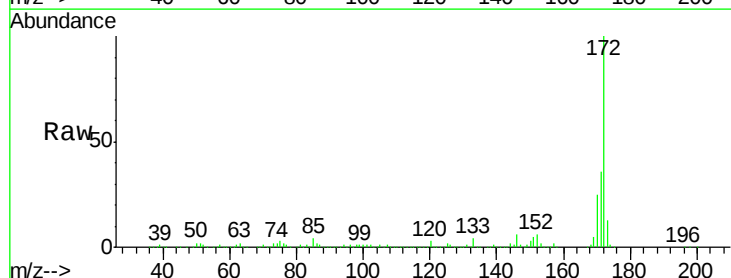
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 112.45 ng
RT: 9.04 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2644755		
171	36.3	28.2	42.4		
170	24.7	19.4	29.0		

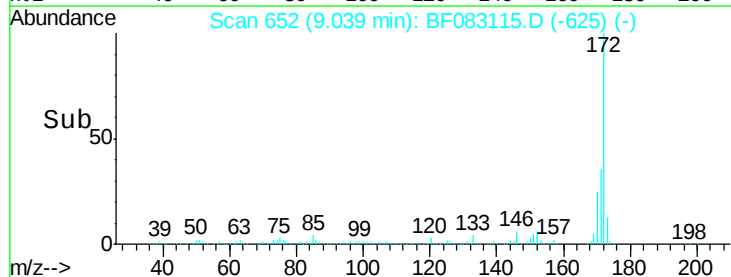
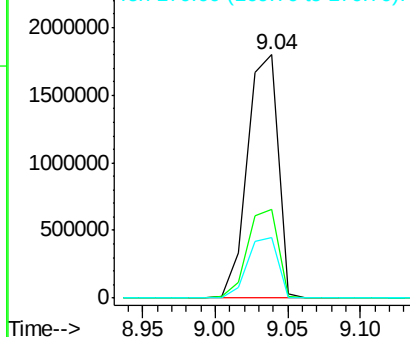


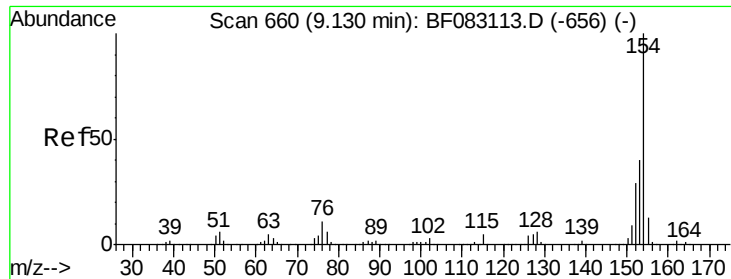
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 55.06 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 1572705

Ion Ratio Lower Upper

154 100

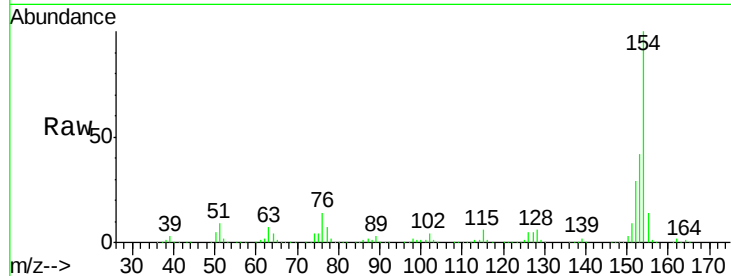
153 41.7 20.7 60.7

76 14.2 0.0 34.0

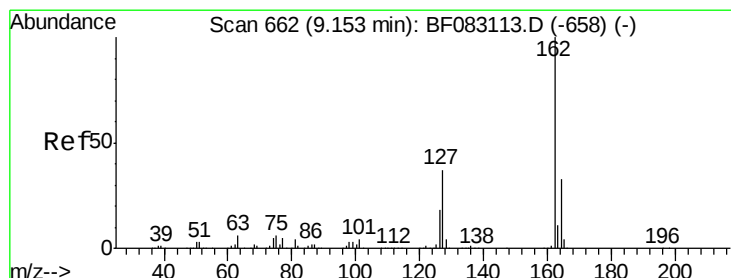
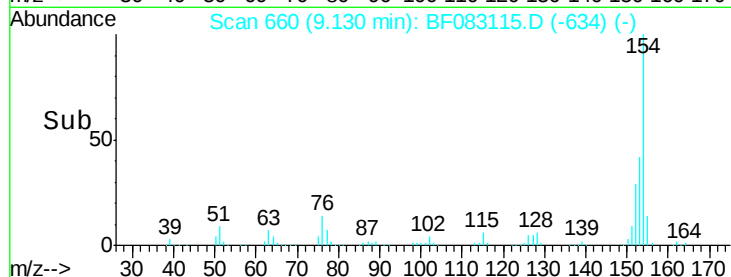
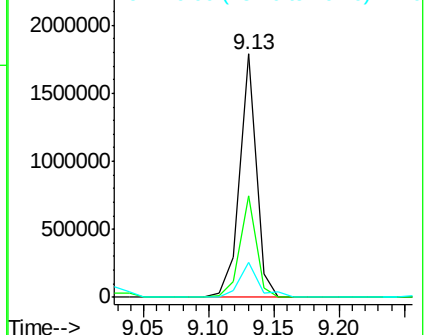
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 57.87 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

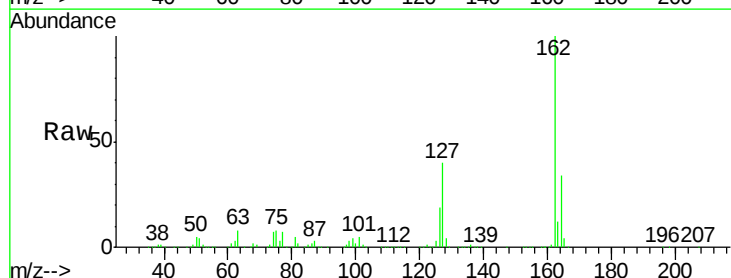
Tgt Ion:162 Resp: 1300203

Ion Ratio Lower Upper

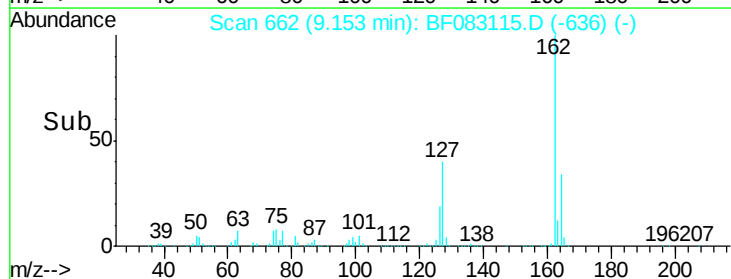
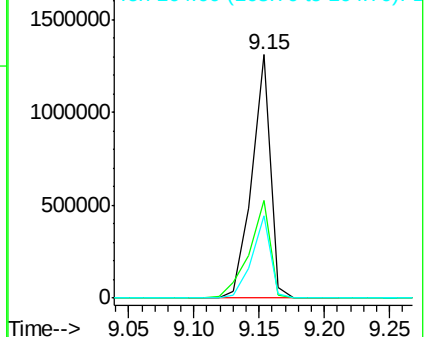
162 100

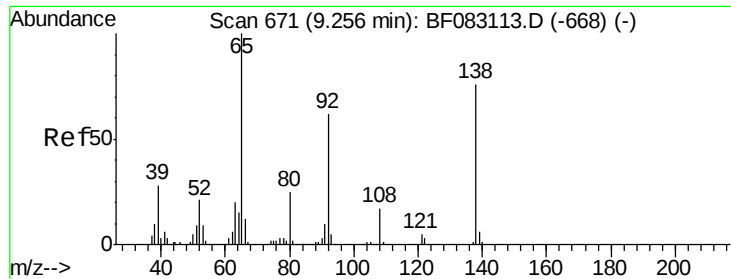
127 40.3 32.8 49.2

164 34.0 26.9 40.3



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: 56.16 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

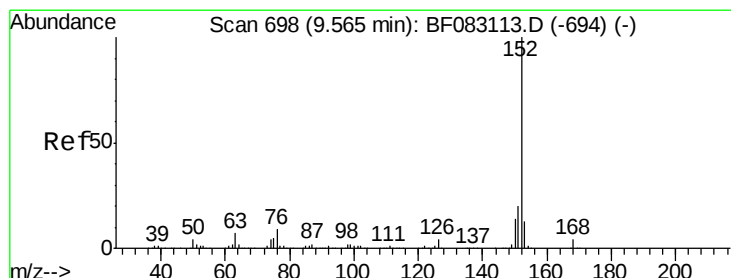
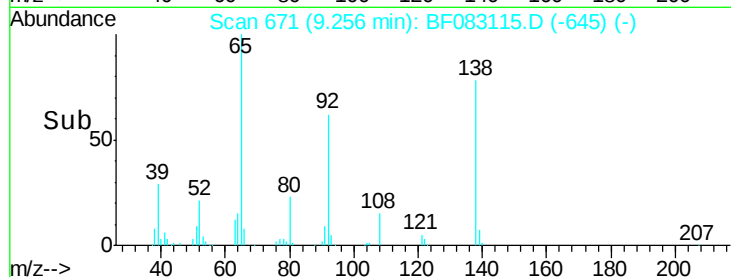
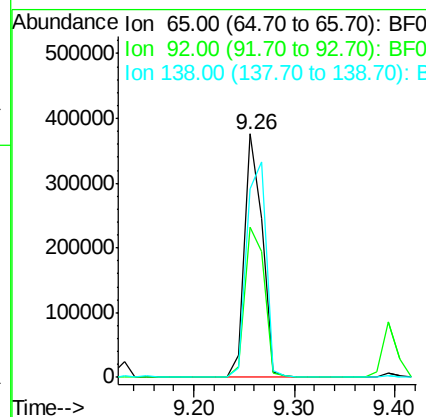
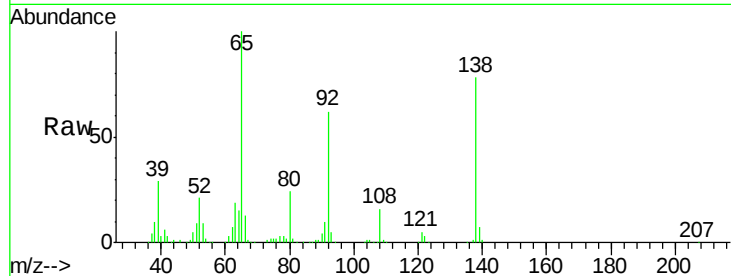
ClientSampleId :

SSTDICC060

Tot Ion:	65	Resp:	461636
Ion Ratio	Lower	Upper	
65	100		
92	61.8	49.6	74.4
138	77.5	58.8	88.2

Manual Integrations
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#48

Acenaphthylene

Concen: 56.11 ng

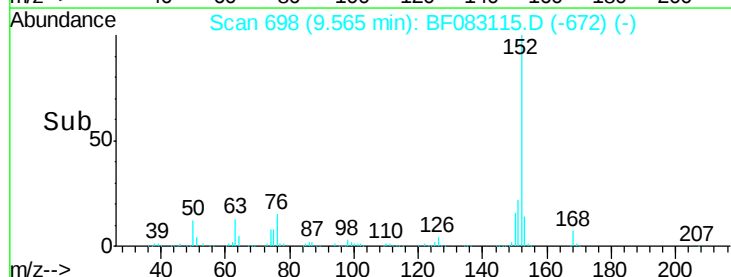
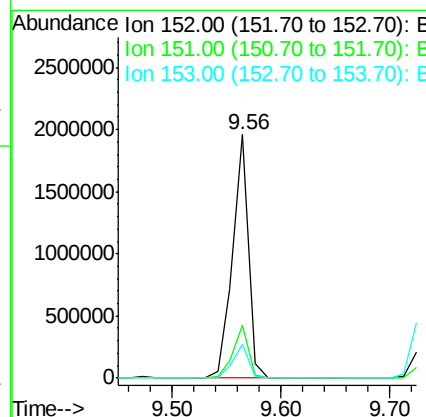
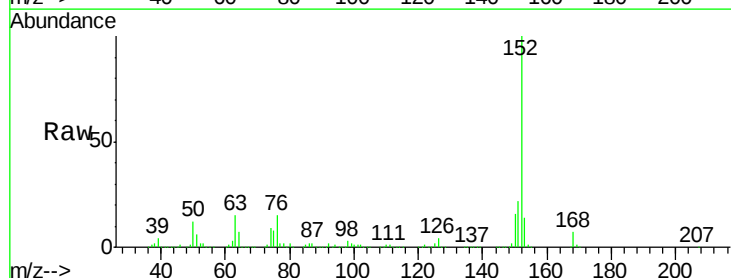
RT: 9.56 min Scan# 698

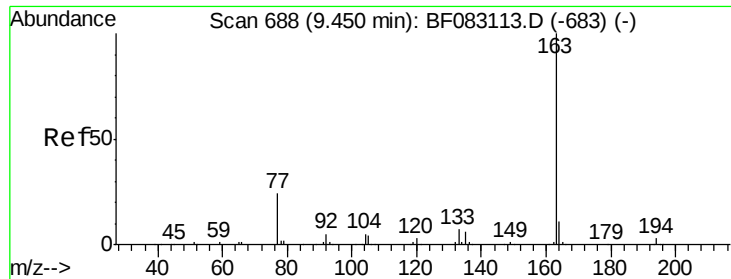
Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion:	152	Resp:	1954413
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.2	24.2
153	14.1	10.6	15.8





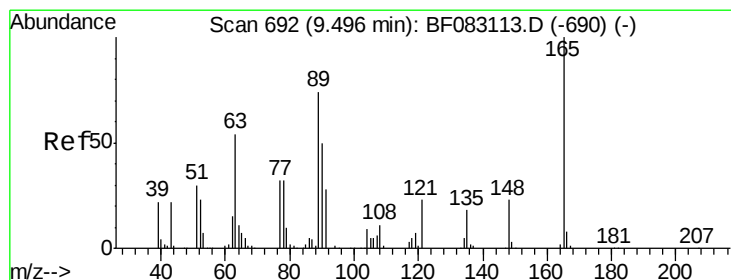
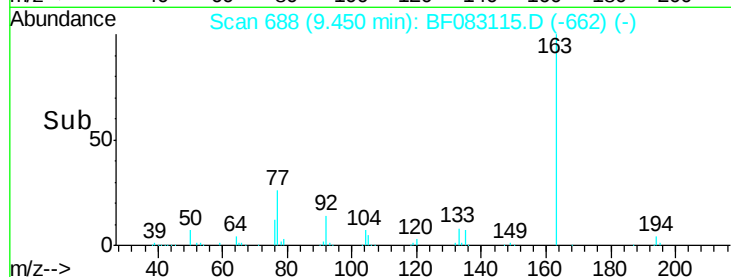
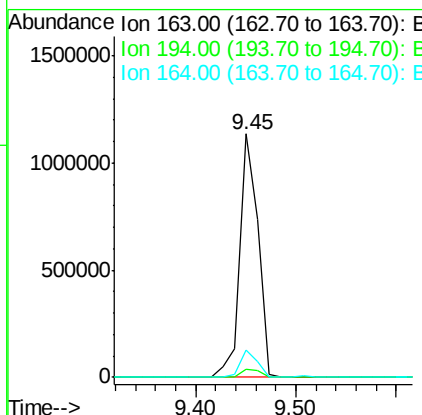
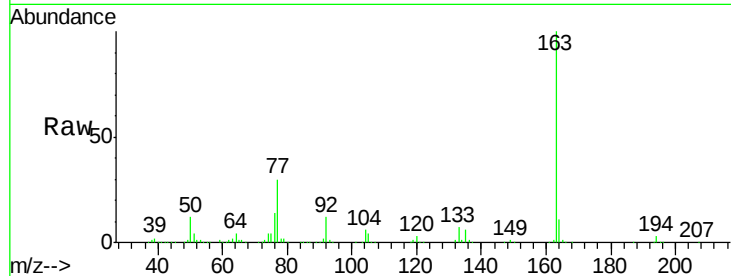
#49
Dimethylphthalate
Concen: 54.91 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:163 Resp: 1420708
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.2 8.5 12.7

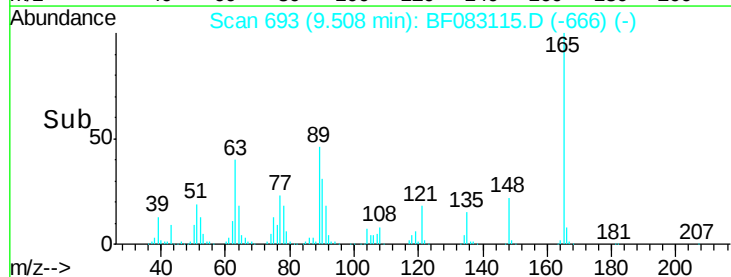
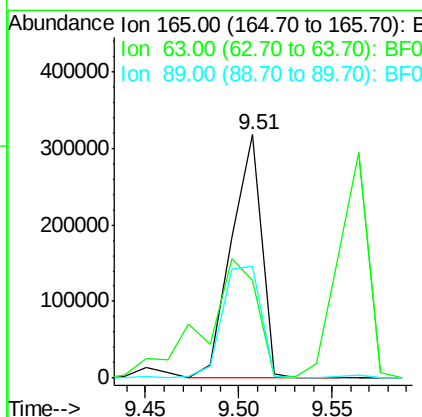
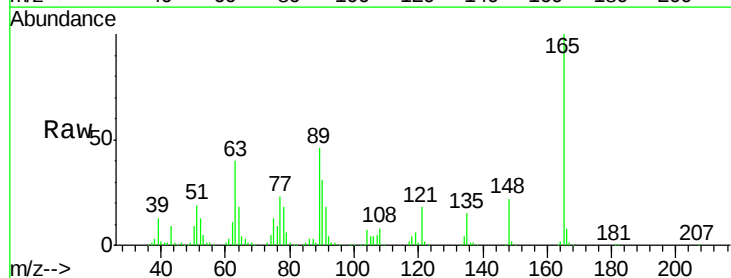
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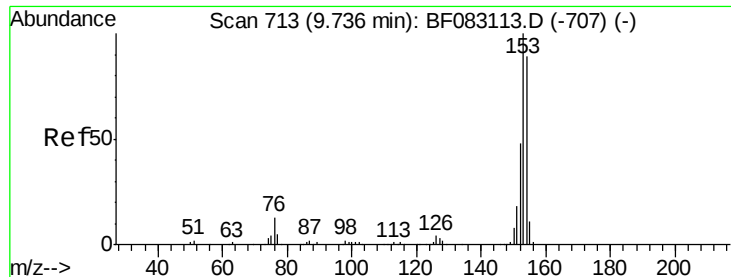
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#50
2,6-Dinitrotoluene
Concen: 60.52 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion:165 Resp: 360166
Ion Ratio Lower Upper
165 100
63 40.3 40.6 61.0#
89 45.7 44.5 66.7





#51

Acenaphthene

Concen: 56.68 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1195939

Ion Ratio Lower Upper

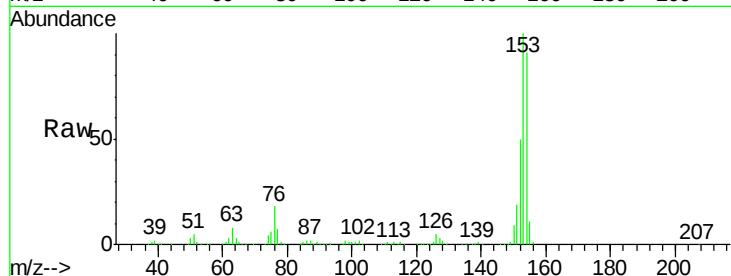
154 100

153 110.1 90.1 135.1

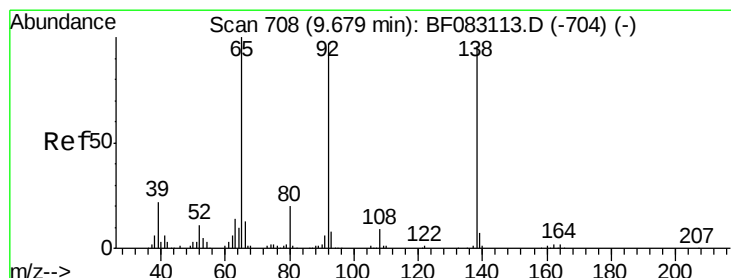
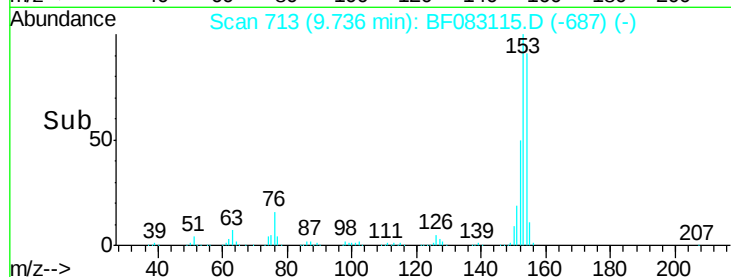
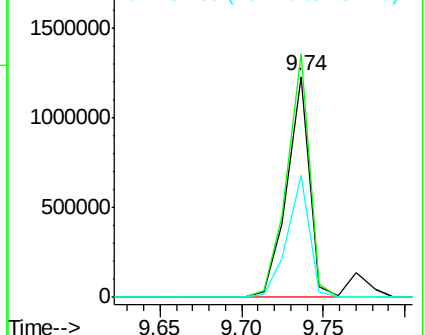
152 55.0 43.3 64.9

Manual Integrations
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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: 61.34 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

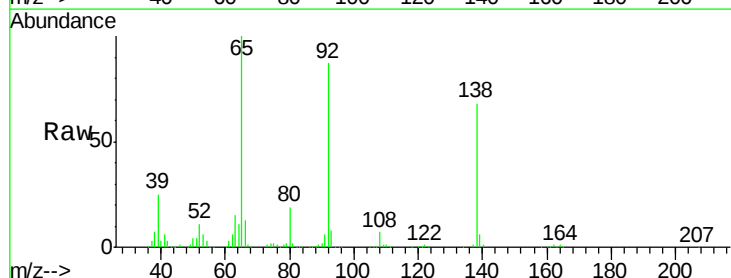
Tgt Ion:138 Resp: 399812

Ion Ratio Lower Upper

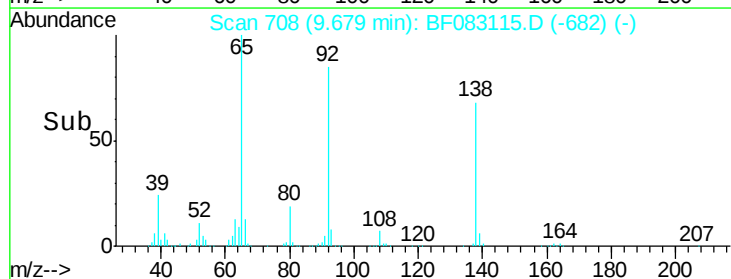
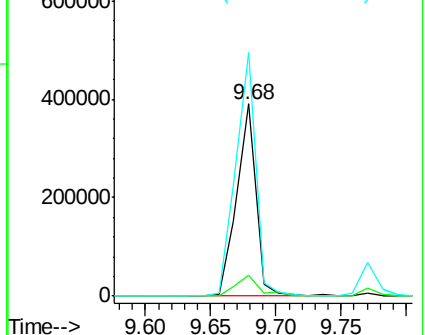
138 100

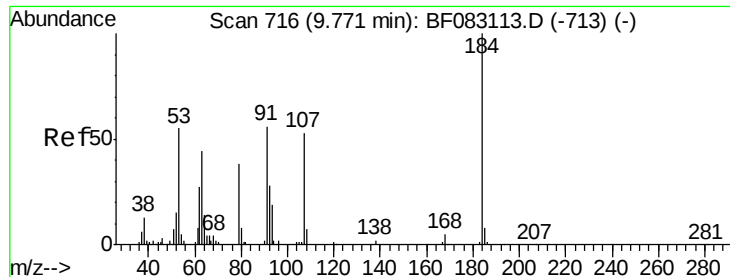
108 10.6 9.4 14.0

92 126.6 115.2 172.8



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





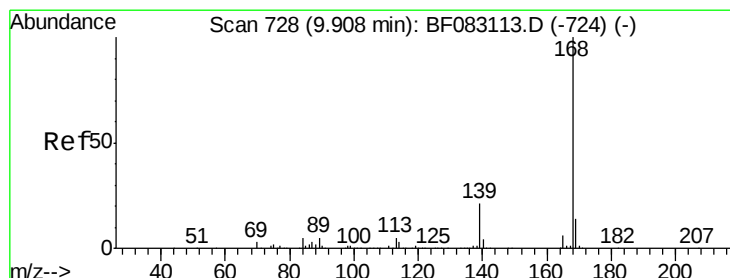
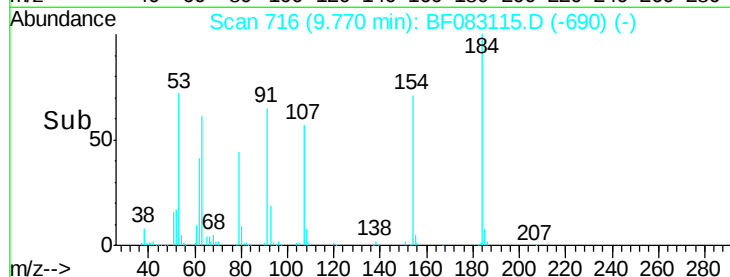
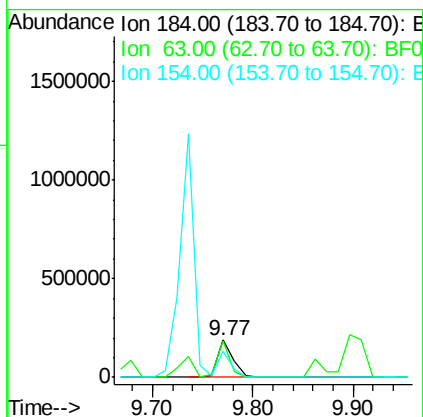
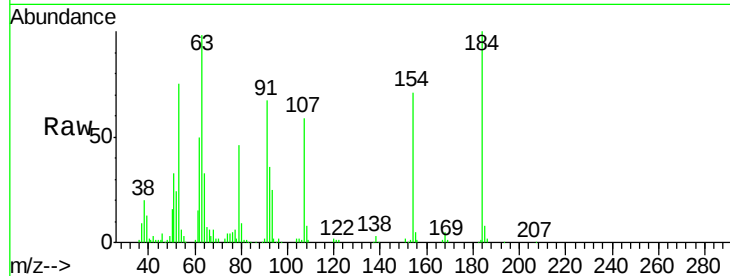
#53
2,4-Dinitrophenol
Concen: 58.73 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100	200487		
63	98.1	30.4	45.6#	
154	71.3	44.9	67.3#	

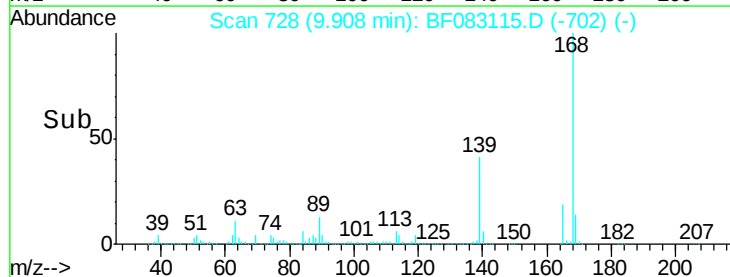
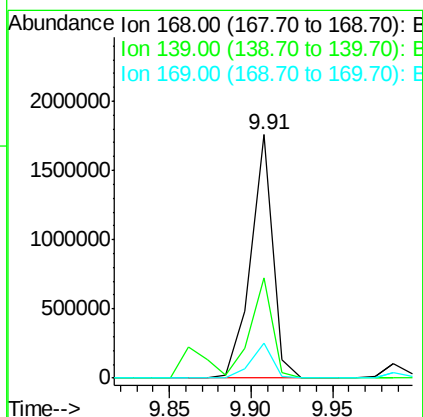
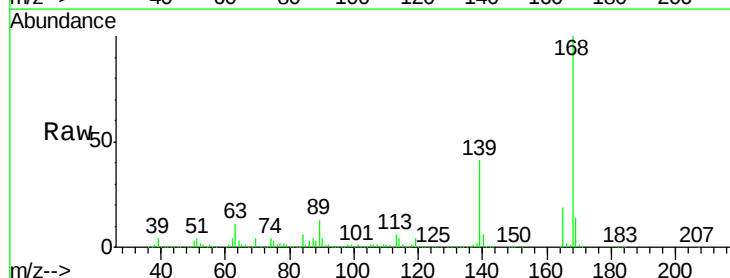
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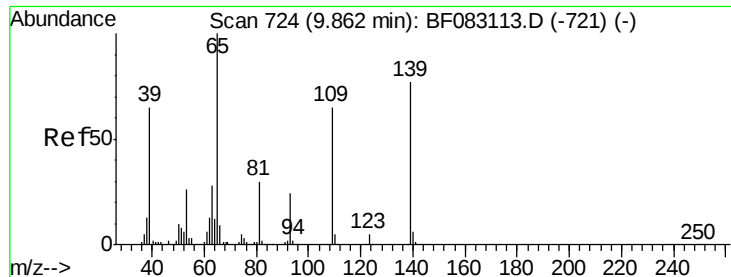
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11/23/2015 7:01:23 PM



#54
Dibenzofuran
Concen: 55.38 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1644511		
139	41.3	33.5	50.3	
169	14.2	11.2	16.8	





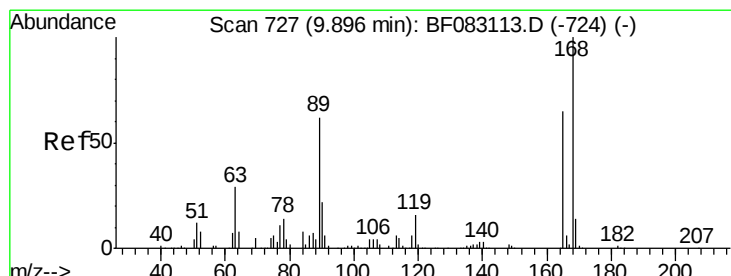
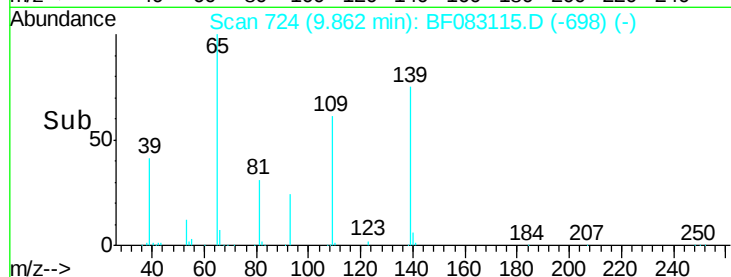
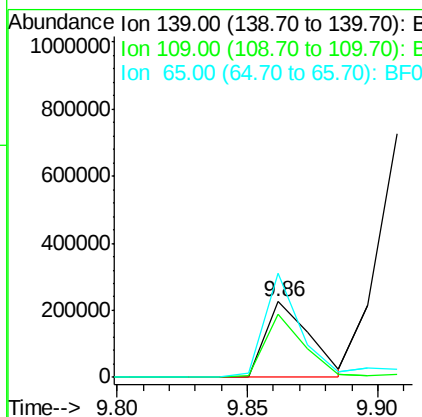
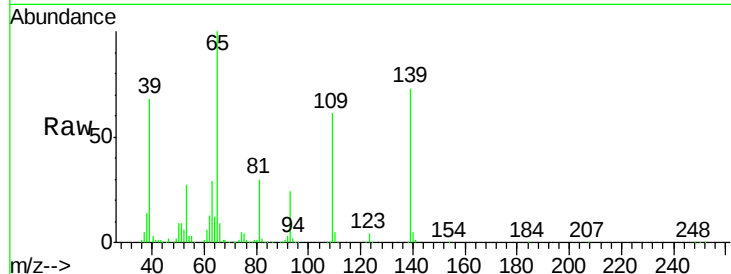
#55
4-Nitrophenol
Concen: 55.15 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100	267194		
109	83.6	54.6	94.6	
65	137.9	74.4	114.4	

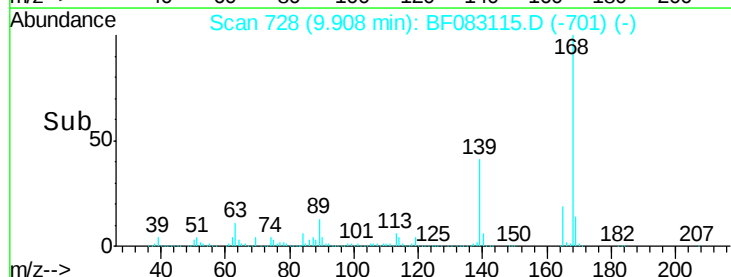
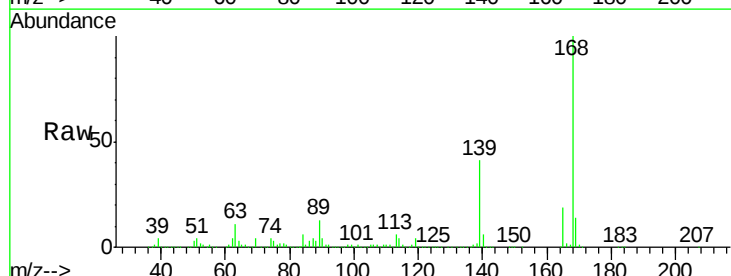
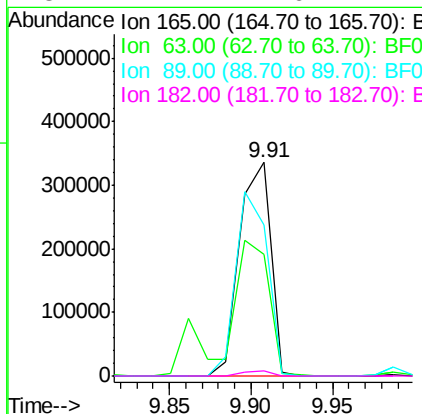
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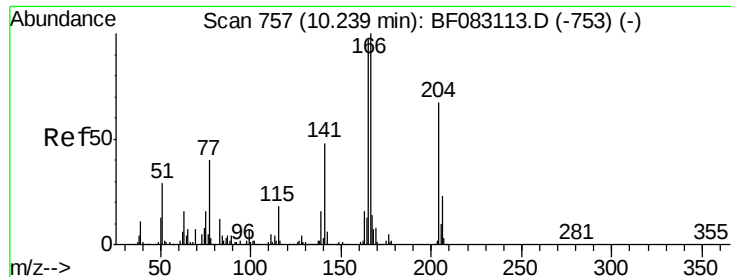
Mmdadoda
11/23/2015 7:01:23 PM



#56
2,4-Dinitrotoluene
Concen: 59.35 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	445505		
63	57.0	40.6	61.0	
89	70.7	64.4	96.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 57.95 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 1421687

Ion Ratio Lower Upper

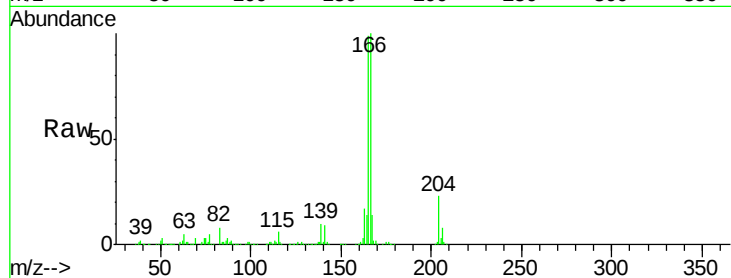
166 100

165 98.9 77.1 115.7

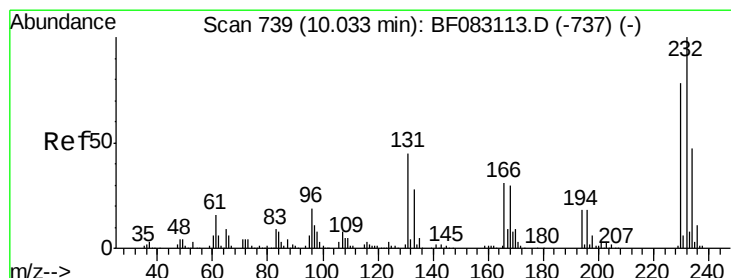
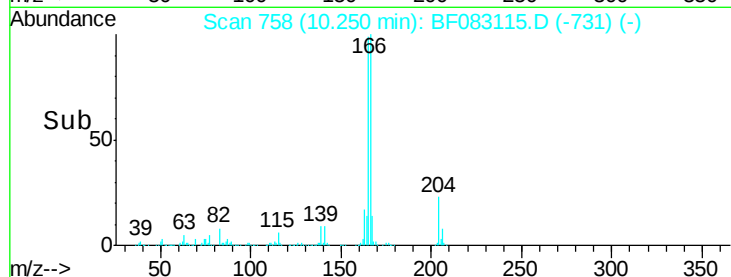
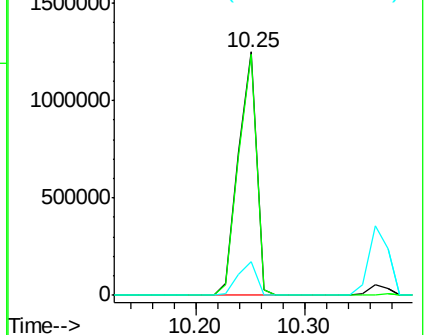
167 13.7 11.0 16.4

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



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.99 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion:232 Resp: 378896

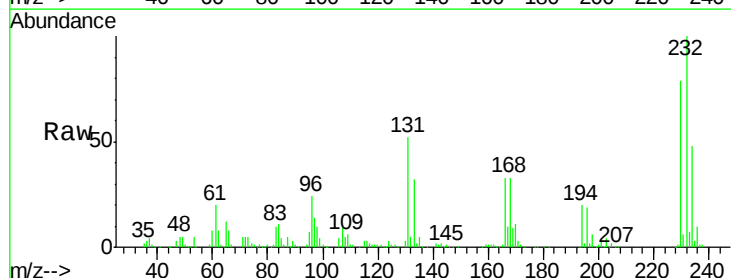
Ion Ratio Lower Upper

232 100

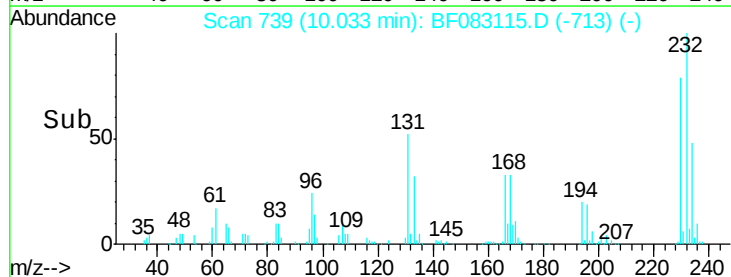
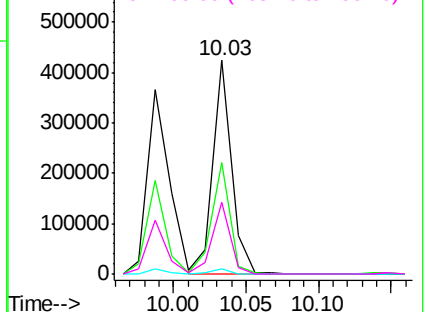
131 50.9 36.5 54.7

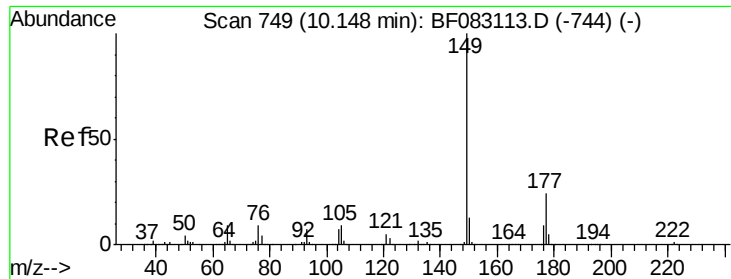
130 2.5 1.8 2.6

166 32.4 25.4 38.0



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





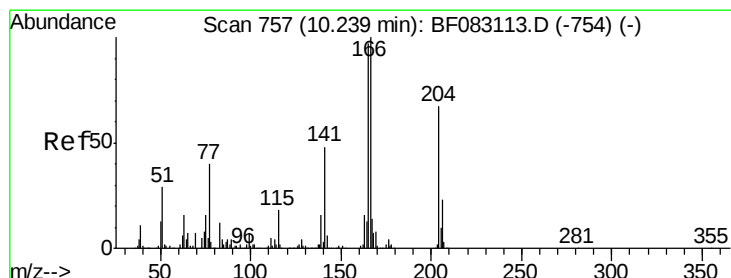
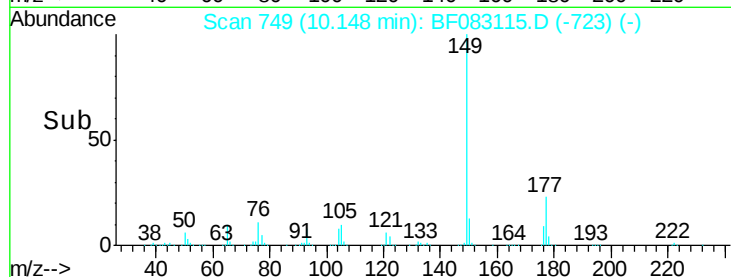
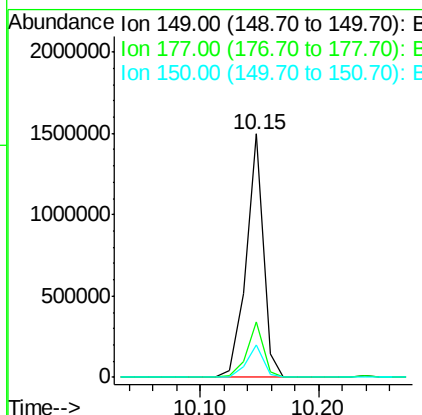
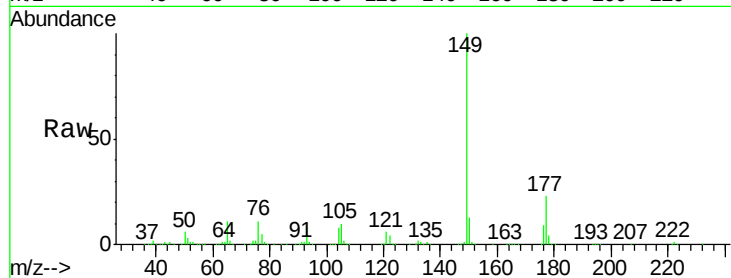
#59
Diethylphthalate
Concen: 58.21 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.2
150	13.2	10.2	15.2

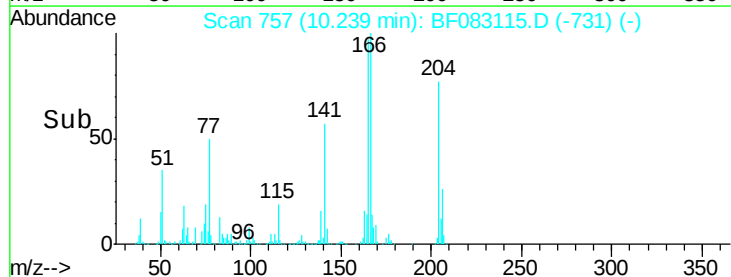
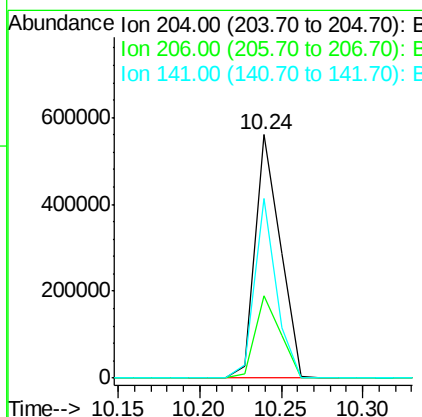
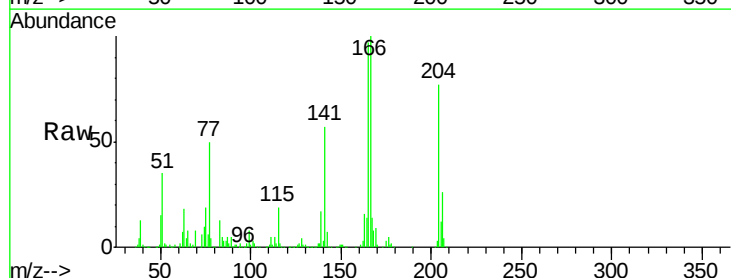
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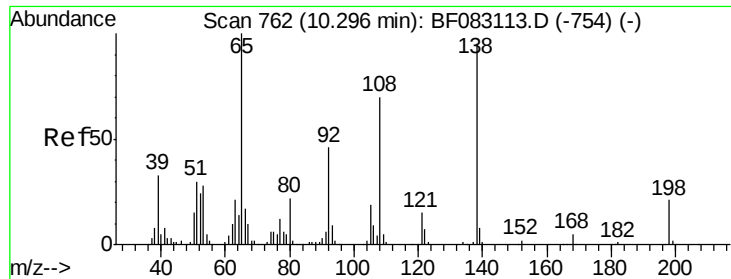
Mmdadoda
11/23/2015 7:01:23 PM



#60
4-Chlorophenyl-phenylether
Concen: 54.02 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.2	42.4
141	73.9	41.8	62.8#





#61

4-Nitroaniline

Concen: 57.28 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

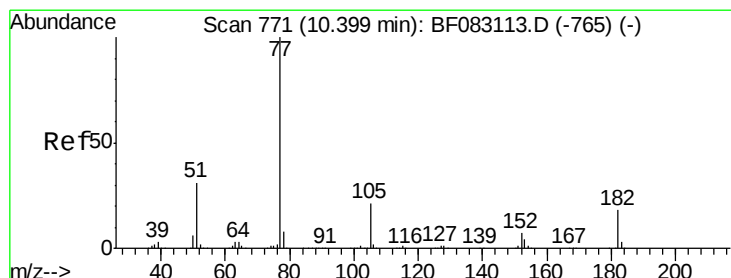
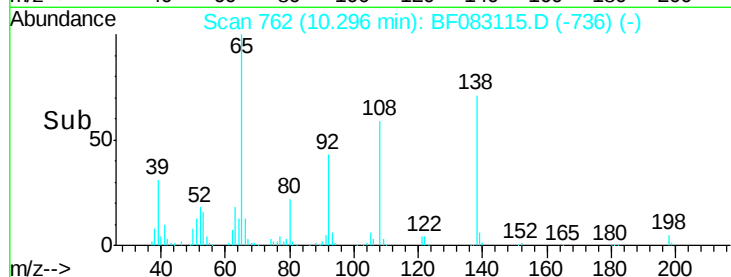
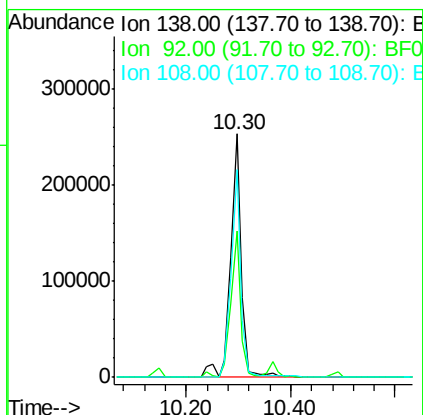
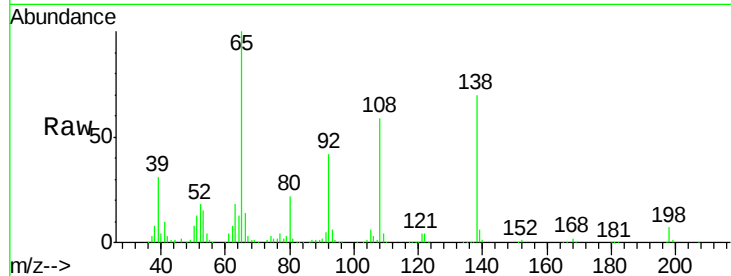
ClientSampleId :

SSTDICC060

Tot Ion:	138	Resp:	366856
Ion Ratio	Lower	Upper	
138	100		
92	60.3	36.4	76.4
108	85.4	59.6	99.6

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#62

Azobenzene

Concen: 54.00 ng

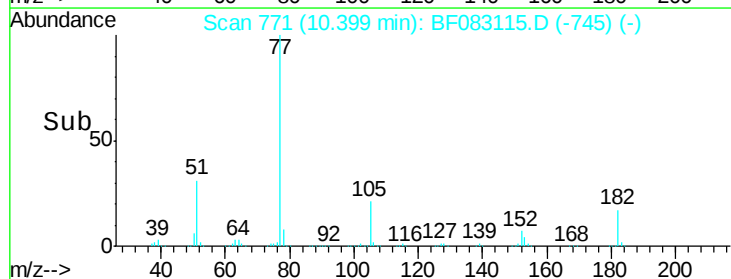
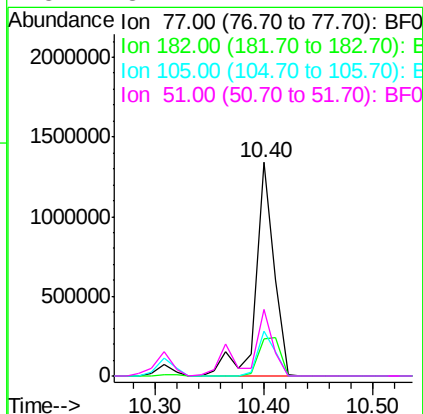
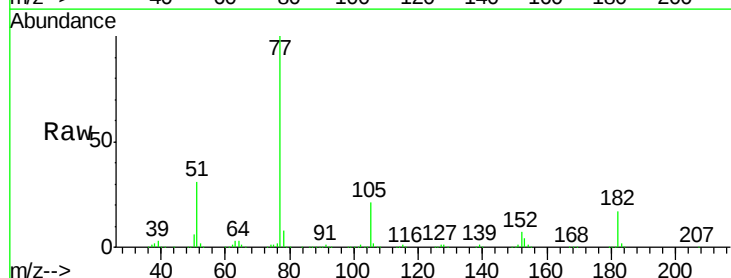
RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion:	77	Resp:	1591177
Ion Ratio	Lower	Upper	
77	100		
182	17.1	10.8	50.8
105	21.0	3.4	43.4
51	31.2	4.7	44.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

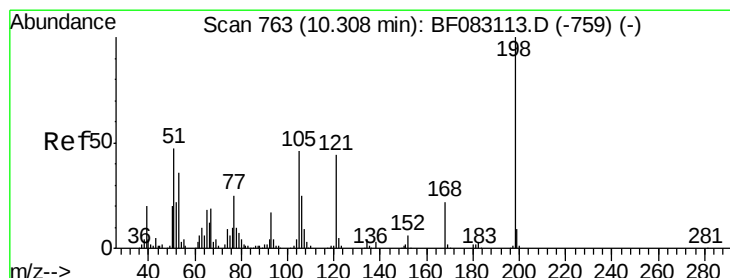
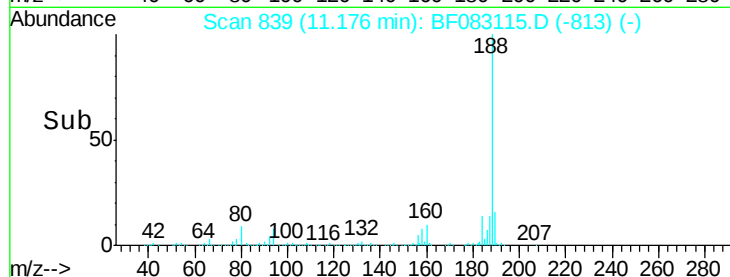
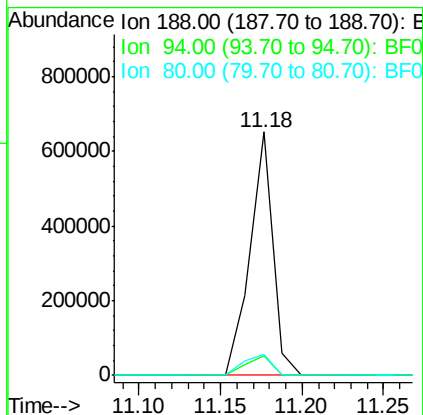
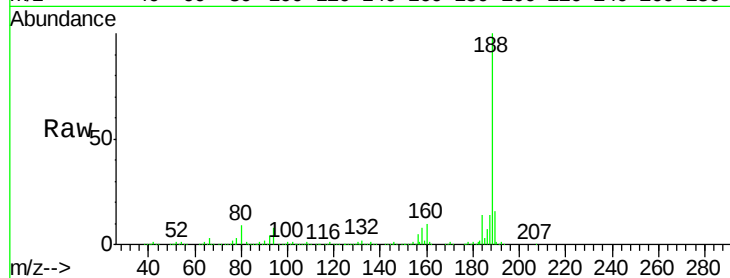
ClientSampleId :

SSTDICC060

Tot Ion:	188	Resp:	637740
Ion Ratio	Lower	Upper	
188	100		
94	7.9	9.0	13.4#
80	8.5	10.2	15.4#

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#64

4,6-Dinitro-2-methylphenol

Concen: 58.01 ng

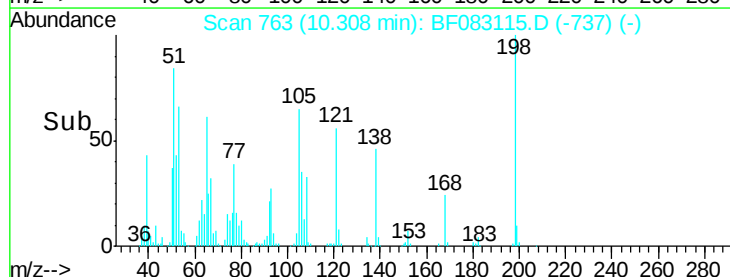
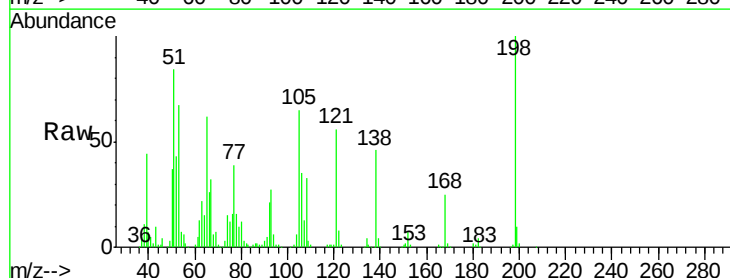
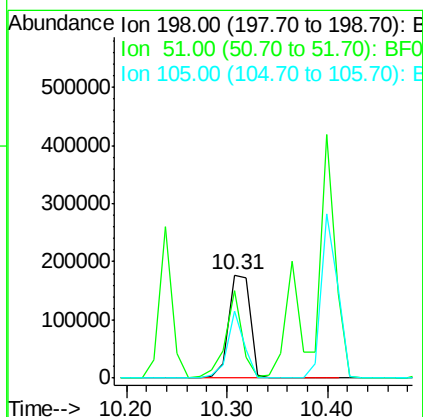
RT: 10.31 min Scan# 763

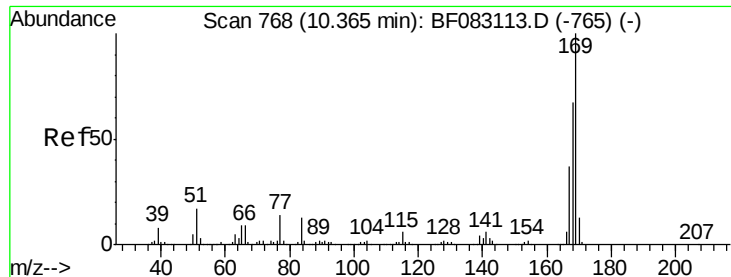
Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion:	198	Resp:	264918
Ion Ratio	Lower	Upper	
198	100		
51	84.5	11.1	51.1#
105	64.6	16.5	56.5#





#65

n-Nitrosodiphenylamine

Concen: 55.67 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:169 Resp: 1187396

Ion Ratio Lower Upper

169 100

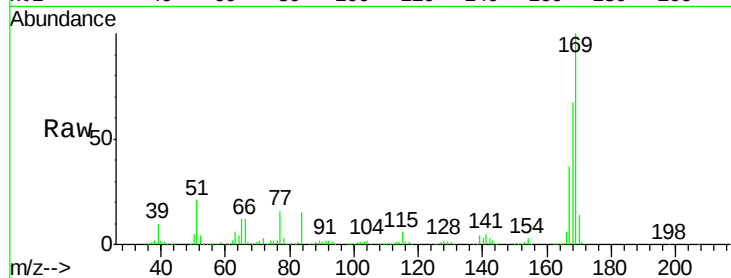
168 67.1 54.2 81.2

167 37.4 29.5 44.3

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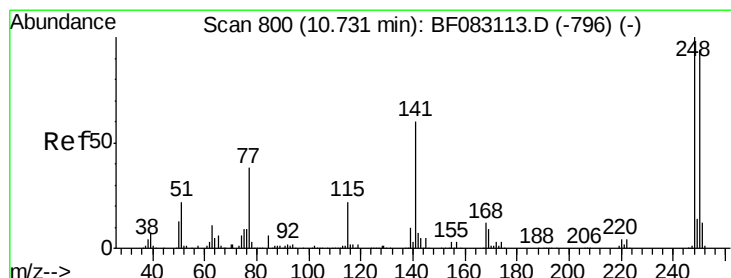
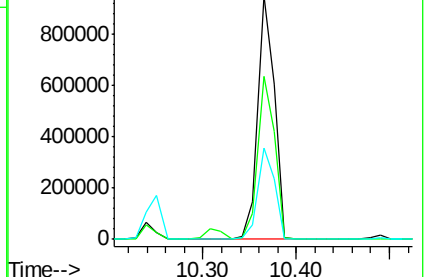
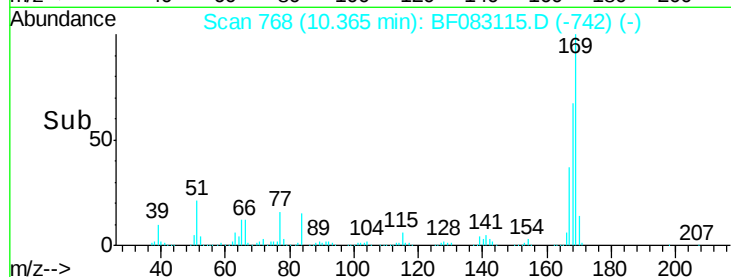
11/23/2015 7:01:23 PM



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: 59.37 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

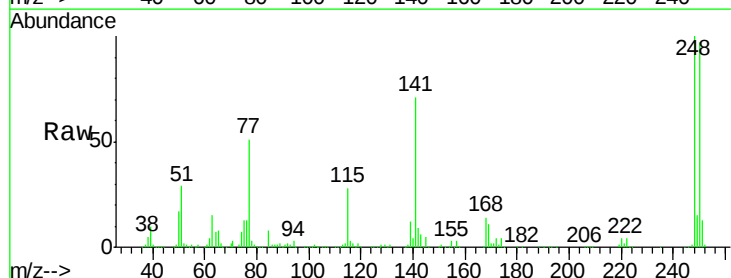
Tgt Ion:248 Resp: 417806

Ion Ratio Lower Upper

248 100

250 97.4 76.1 114.1

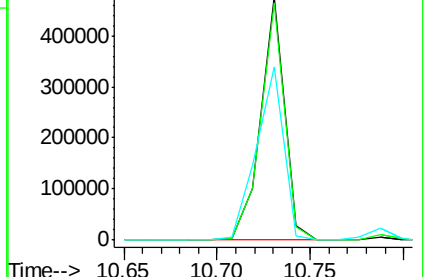
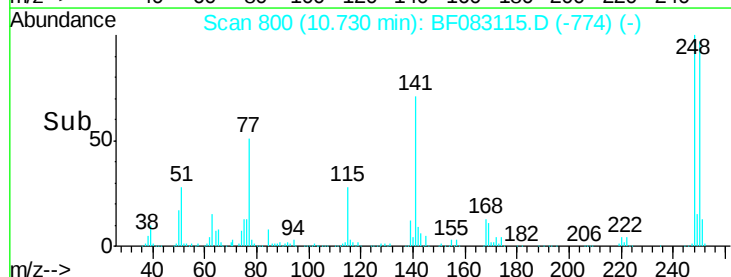
141 71.0 79.2 118.8#

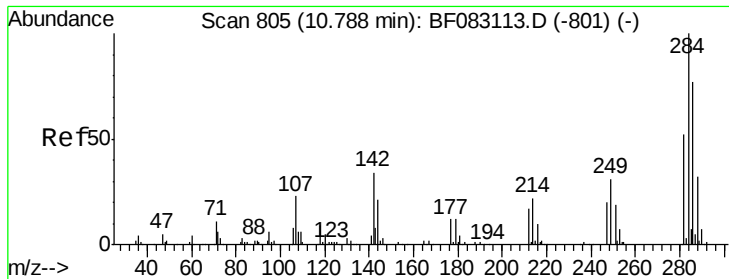


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 54.54 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF083115.D

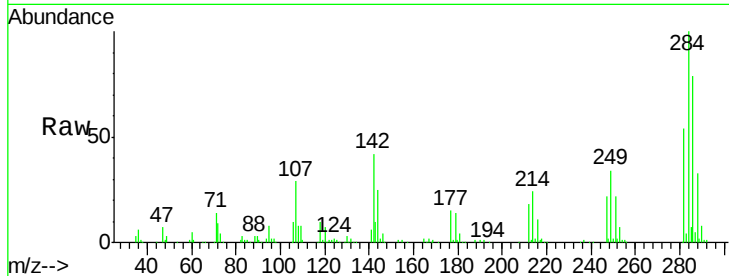
Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

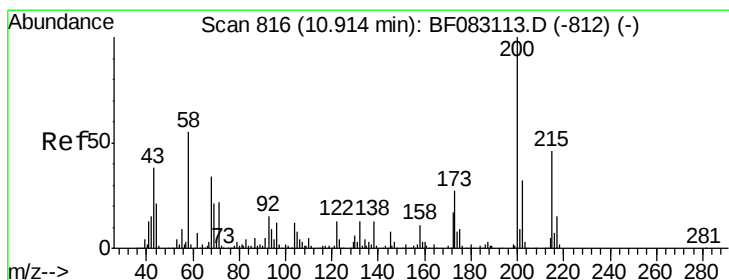
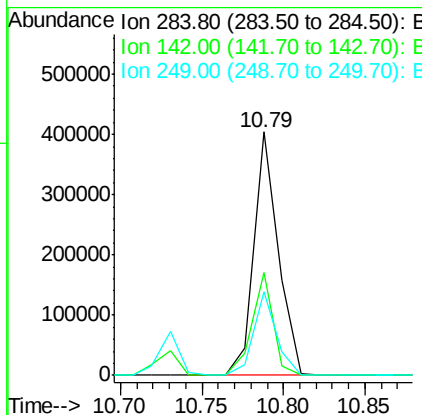
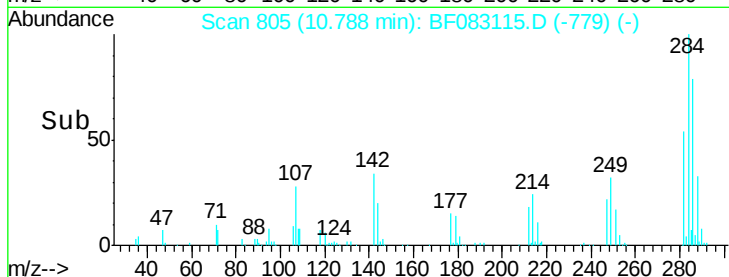
SSTDIC060



Tot Ion:	284	Resp:	420141
Ion Ratio	Lower	Upper	
284	100		
142	42.4	29.5	44.3
249	34.3	27.2	40.8

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#68

Atrazine

Concen: 55.33 ng

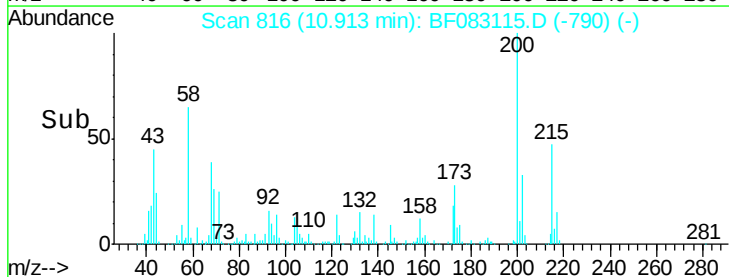
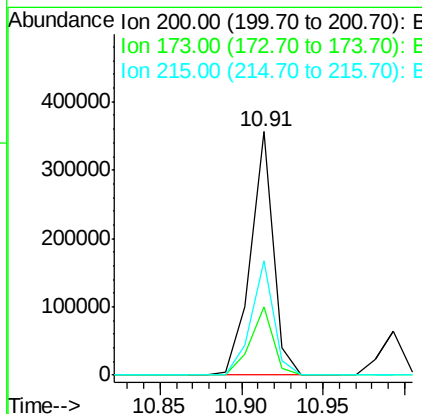
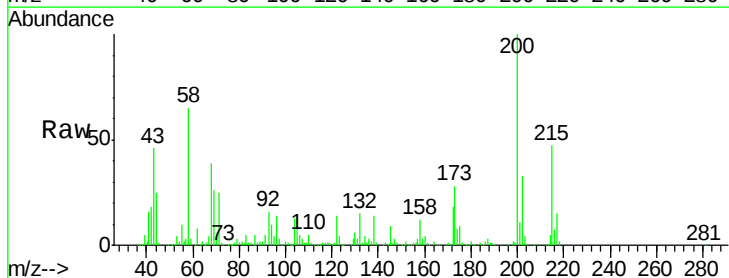
RT: 10.91 min Scan# 816

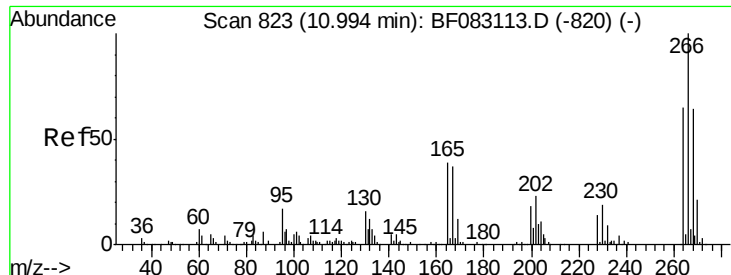
Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion:	200	Resp:	344624
Ion Ratio	Lower	Upper	
200	100		
173	28.1	4.9	44.9
215	47.0	25.5	65.5





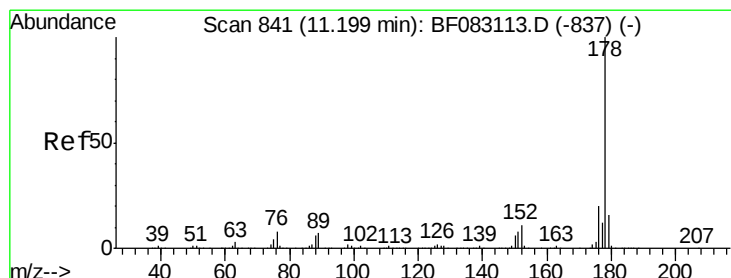
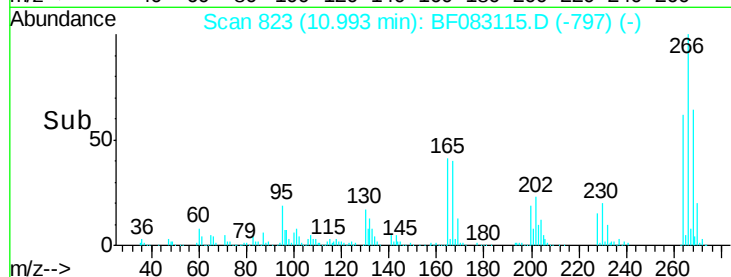
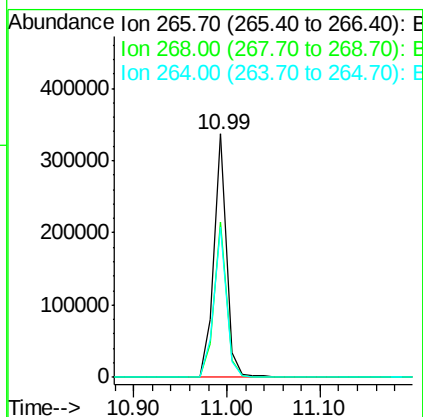
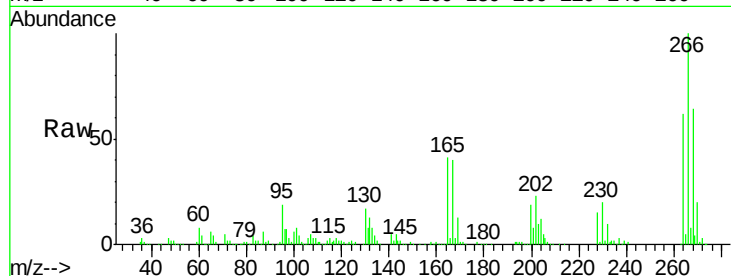
#69
 Pentachlorophenol
 Concen: 61.16 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.6	74.4
264	61.9	52.7	79.1

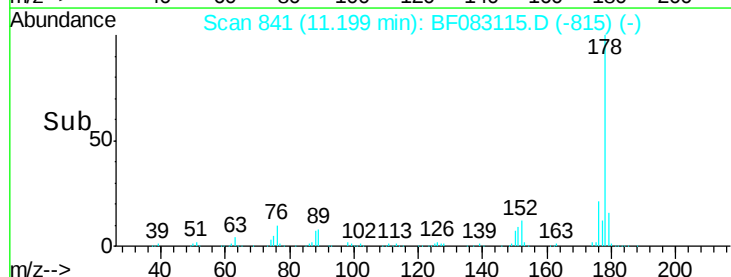
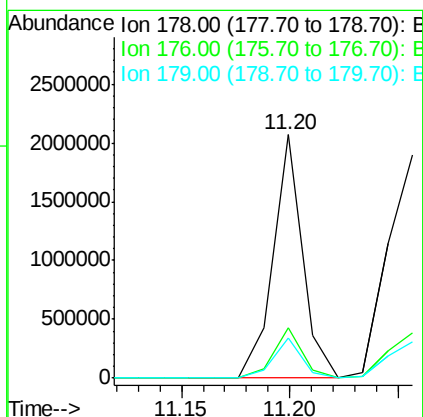
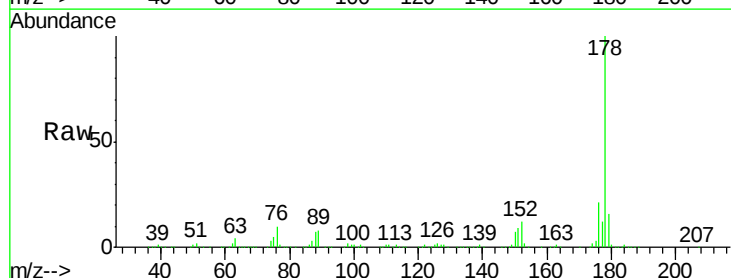
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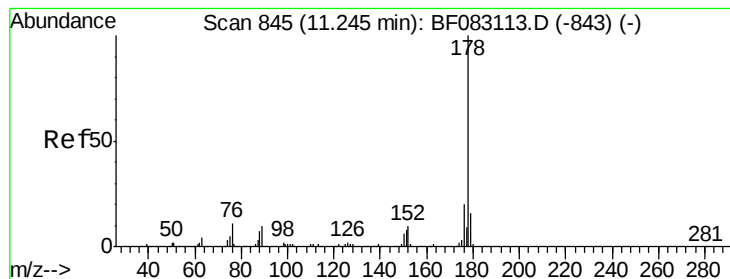
Mmdadoda
 11/23/2015 7:01:23 PM



#70
 Phenanthrene
 Concen: 55.59 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.6	23.4
179	16.5	12.3	18.5





#71

Anthracene

Concen: 58.93 ng

RT: 11.26 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 2163625

Ion Ratio Lower Upper

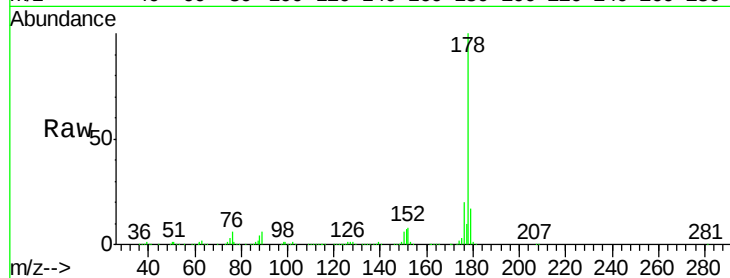
178 100

176 20.0 15.8 23.6

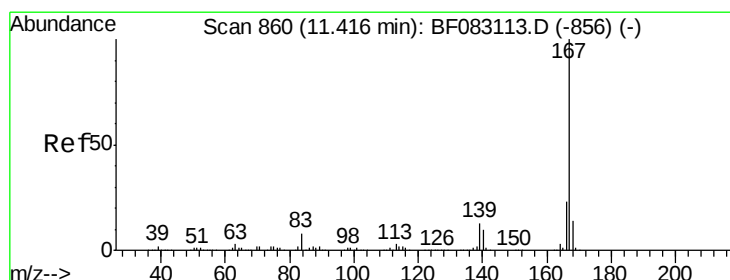
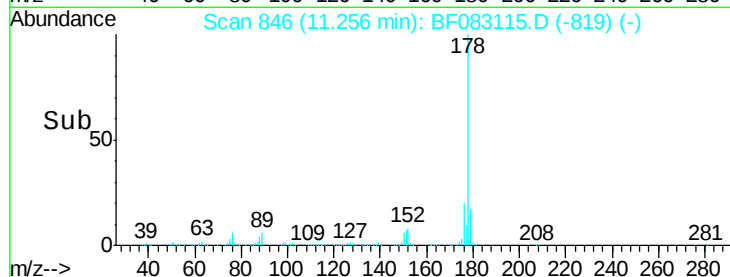
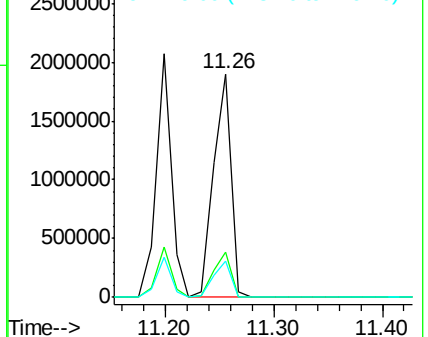
179 16.5 13.1 19.7

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



#72

Carbazole

Concen: 56.78 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

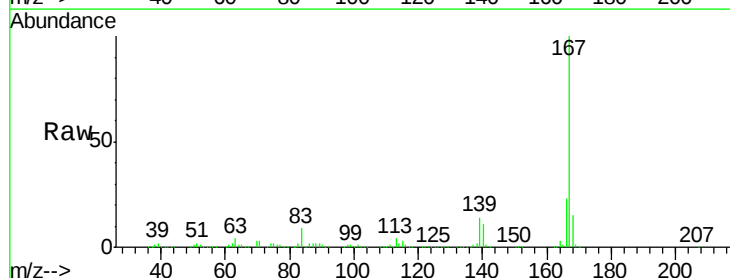
Tgt Ion:167 Resp: 1851037

Ion Ratio Lower Upper

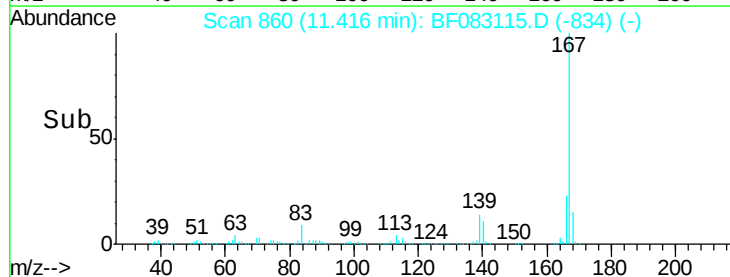
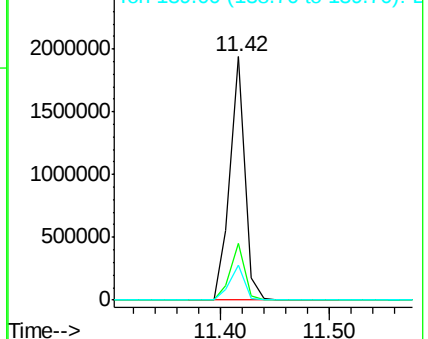
167 100

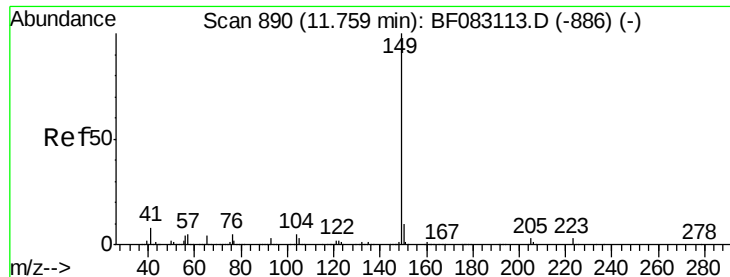
166 23.2 17.8 26.6

139 14.1 11.0 16.4



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





#73

Di-n-butylphthalate

Concen: 57.48 ng

RT: 11.76 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

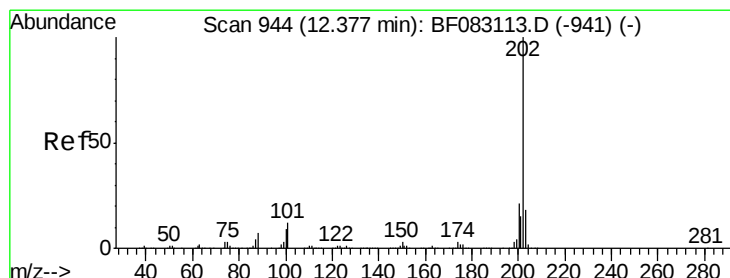
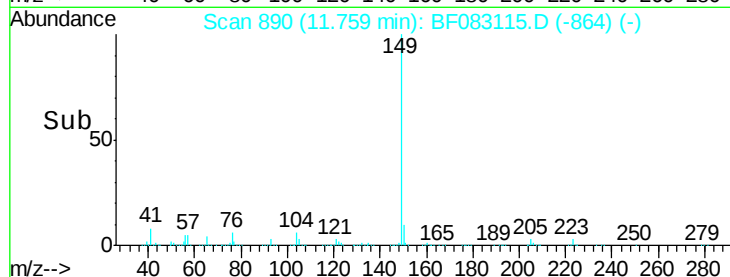
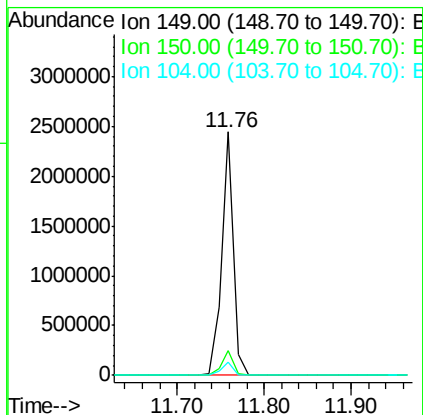
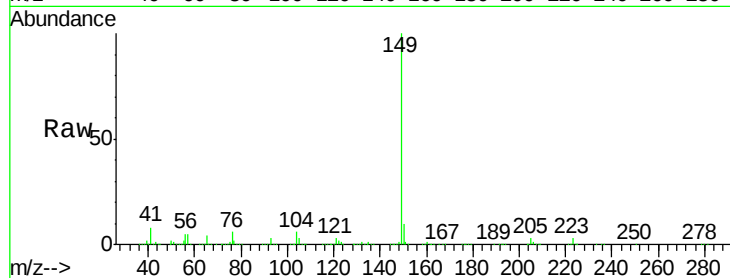
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Tot Ion:149 Resp: 2308128

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.8
104	5.6	4.3	6.5



#74

Fluoranthene

Concen: 56.74 ng

RT: 12.38 min Scan# 944

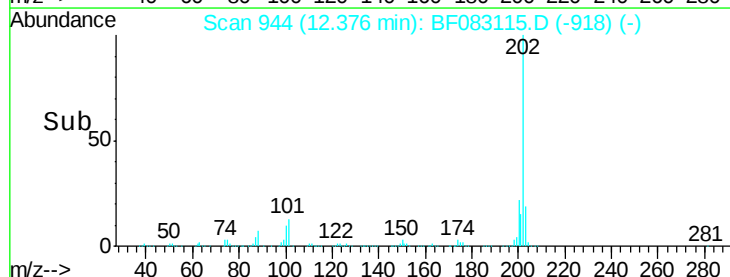
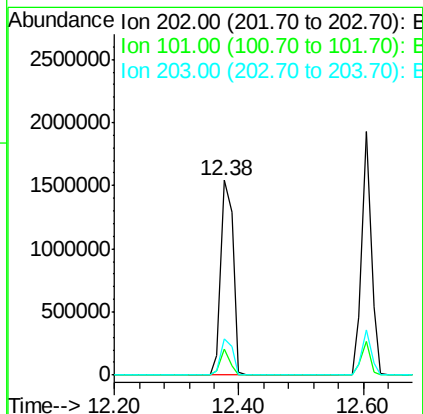
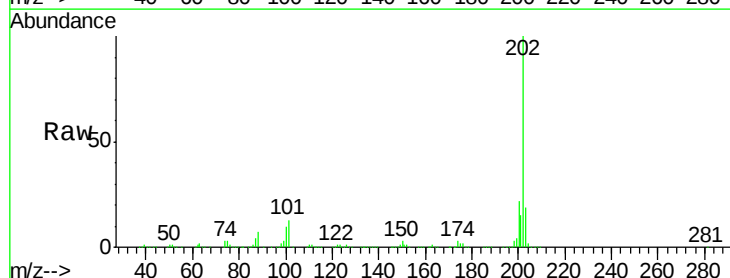
Delta R.T. -0.00 min

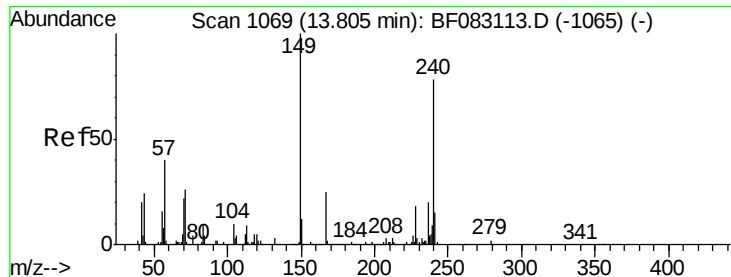
Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion:202 Resp: 2075529

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.1
203	18.9	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

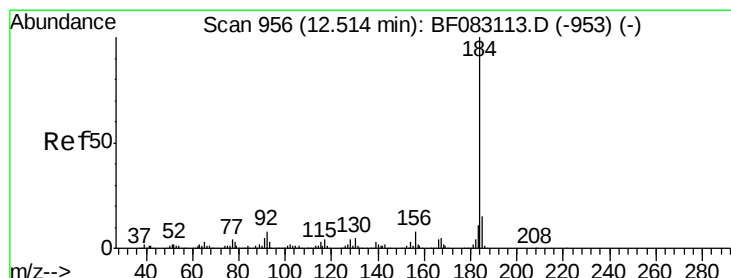
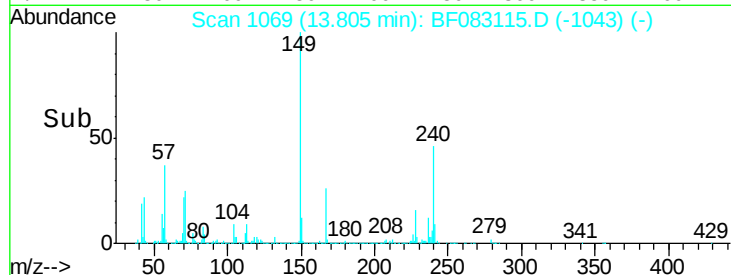
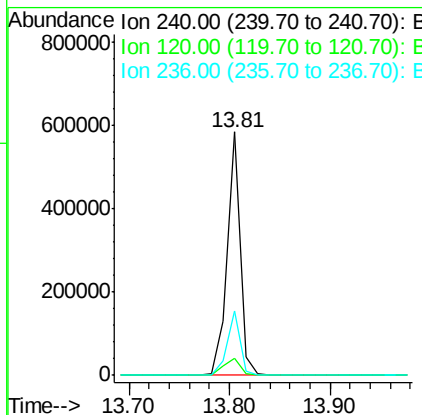
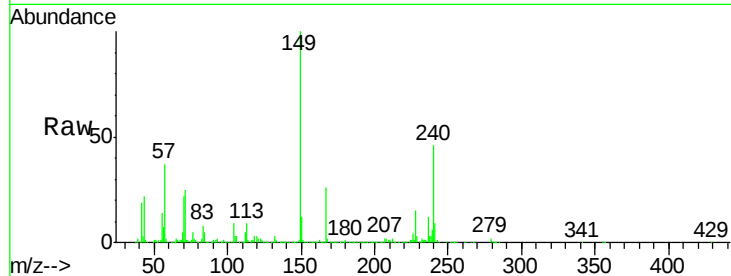
ClientSampleId :

SSTDICC060

Tot Ion:	240	Resp:	527345
Ion Ratio	Lower	Upper	
240	100		
120	7.1	5.3	7.9
236	26.3	20.4	30.6

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#76

Benzidine

Concen: 58.66 ng

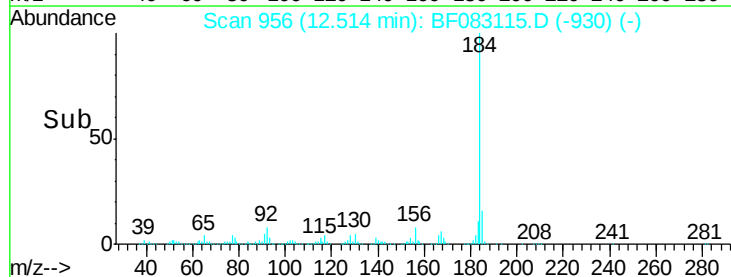
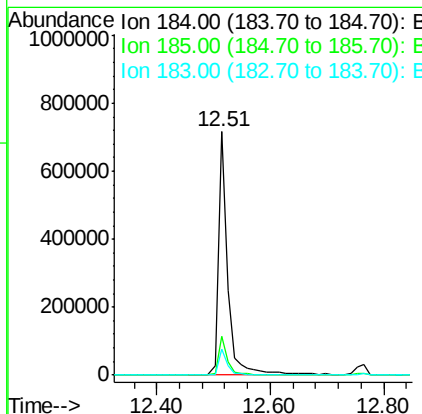
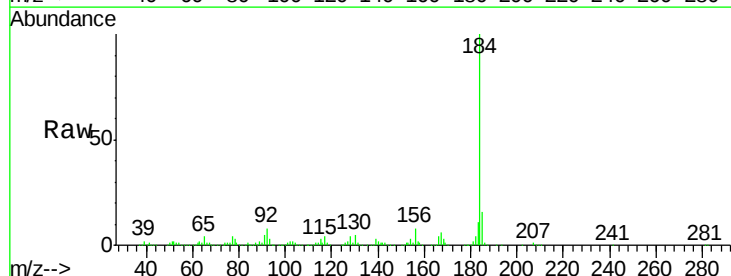
RT: 12.51 min Scan# 956

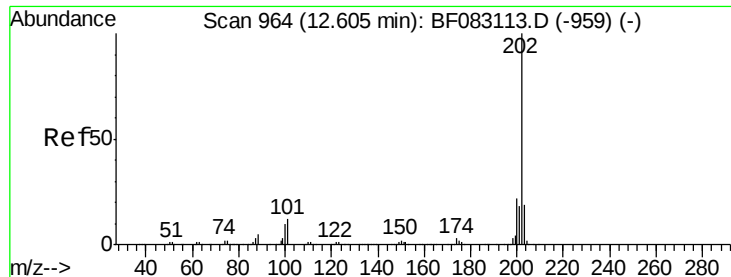
Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Tgt Ion:	184	Resp:	810794
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.6	19.0
183	10.9	9.0	13.4





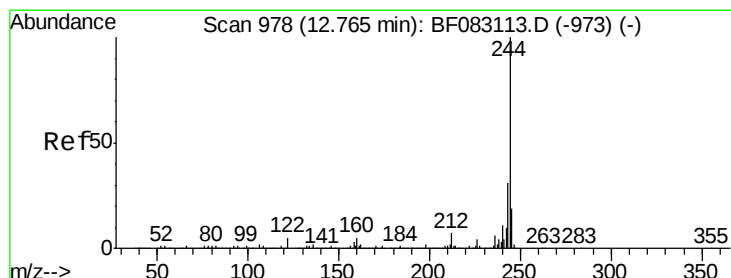
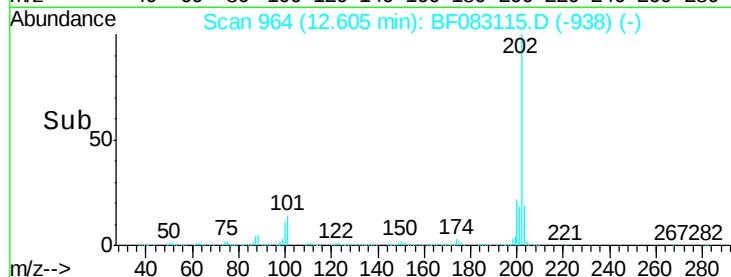
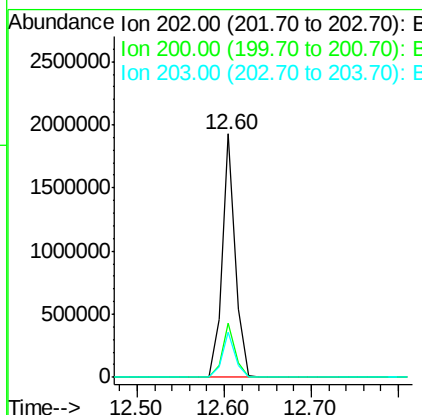
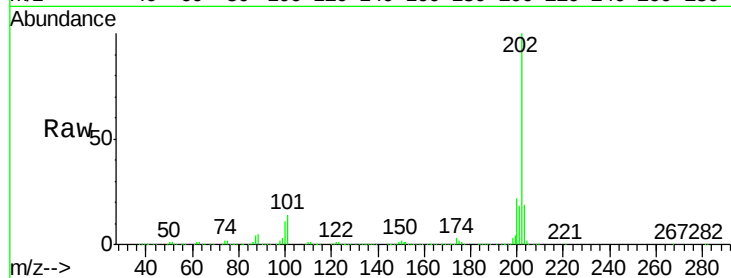
#77
Pvrene
Concen: 56.94 ng
RT: 12.60 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	18.6	14.6	22.0

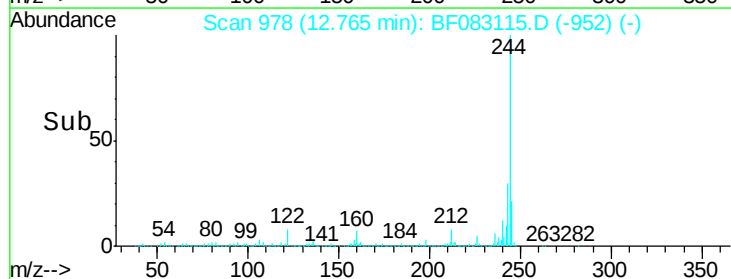
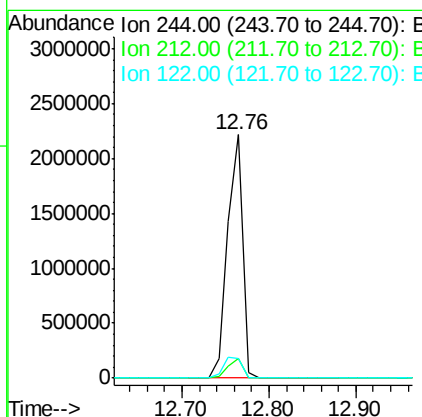
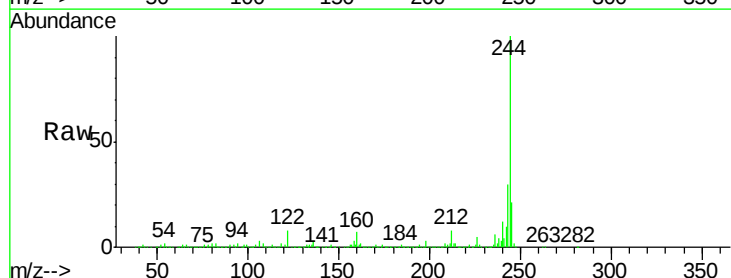
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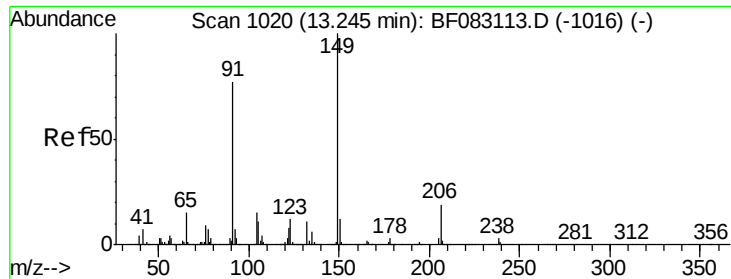
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#78
Terphenyl-d14
Concen: 120.89 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	8.2	10.9	16.3#





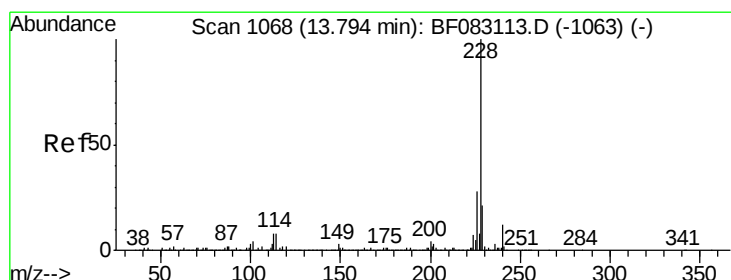
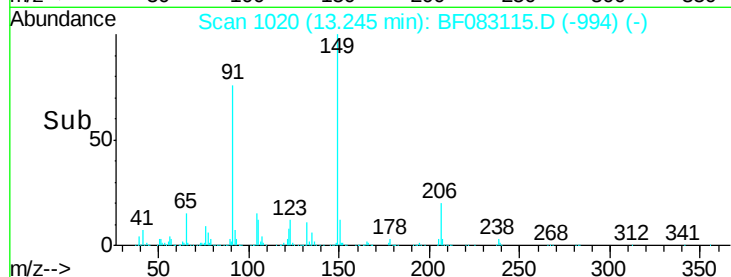
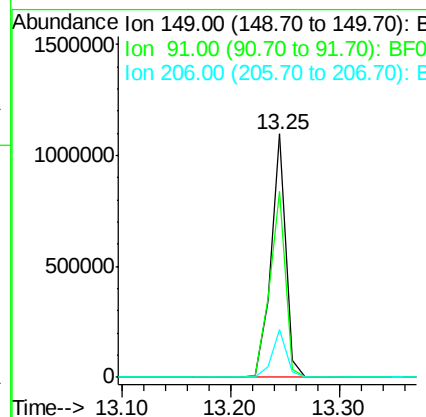
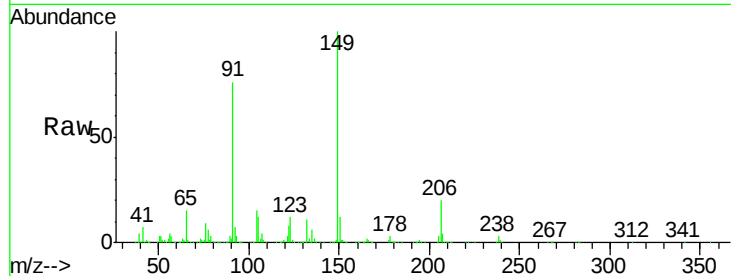
#79
Butylbenzylphthalate
Concen: 61.07 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	71.9	107.9
206	19.7	13.1	19.7

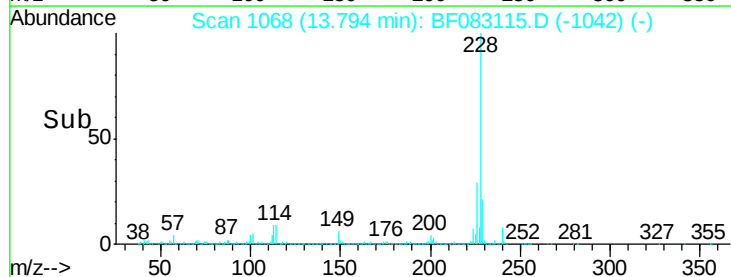
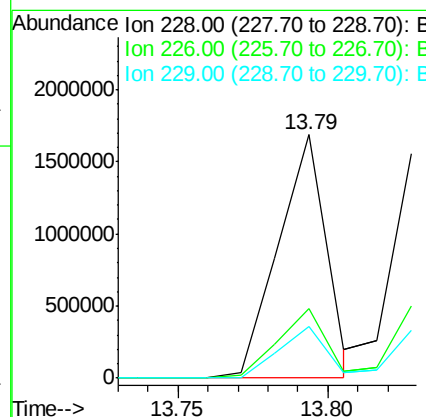
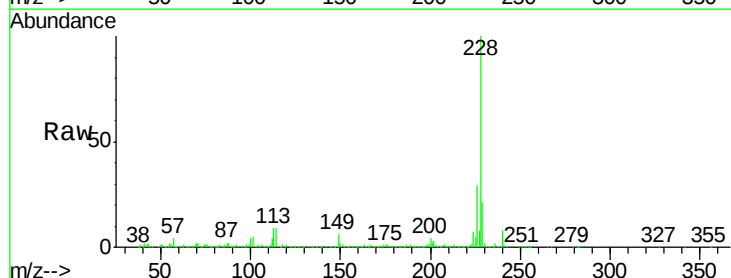
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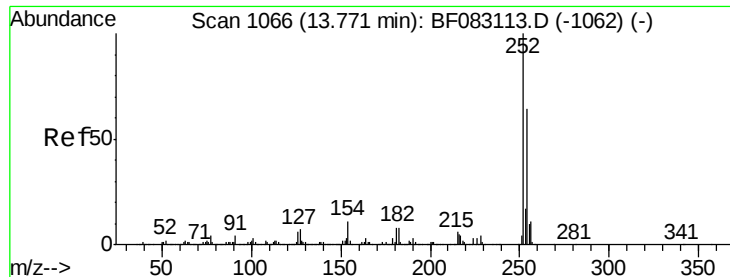
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 56.38 ng m
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	21.0	16.1	24.1





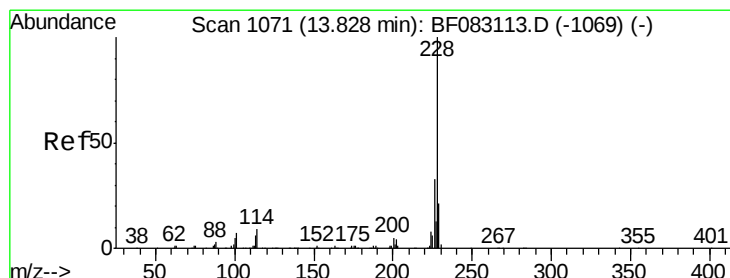
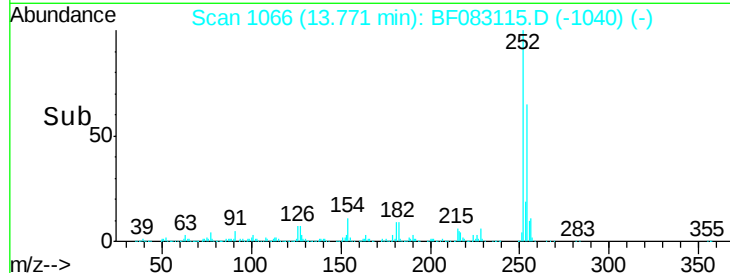
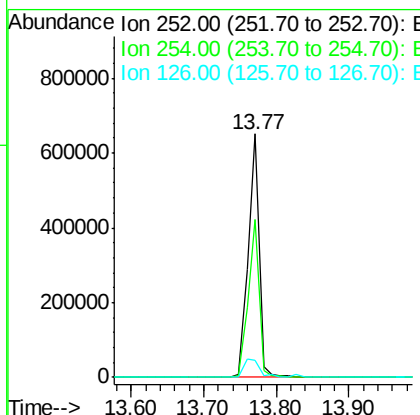
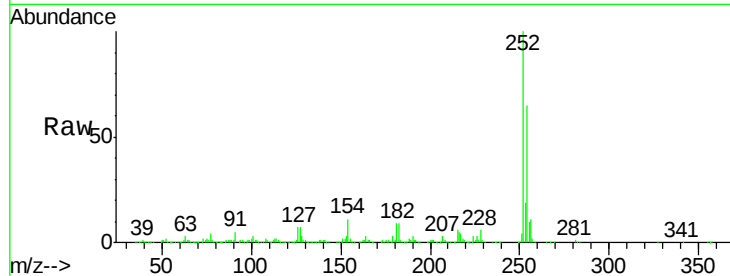
#81
 3,3'-Dichlorobenzidine
 Concen: 60.40 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
252	100	686054		
254	64.7	50.6	76.0	
126	6.9	10.2	15.4	

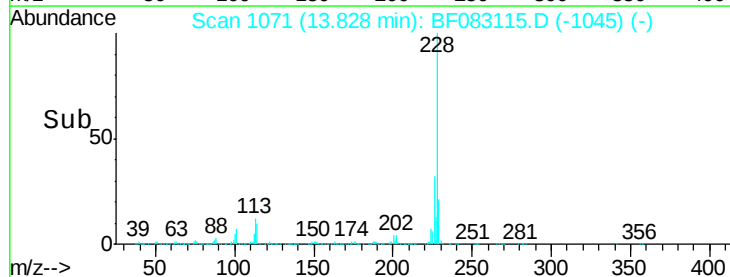
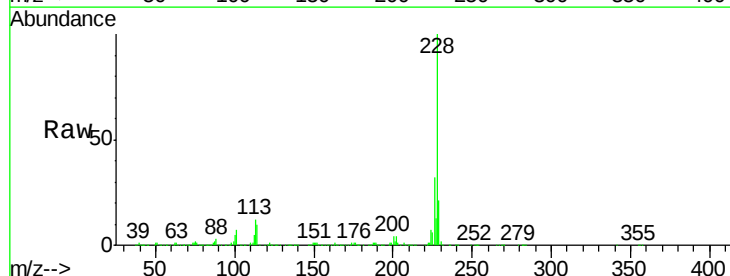
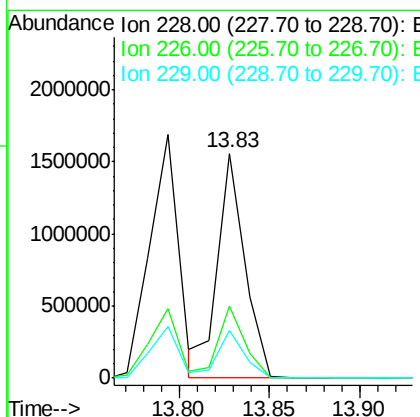
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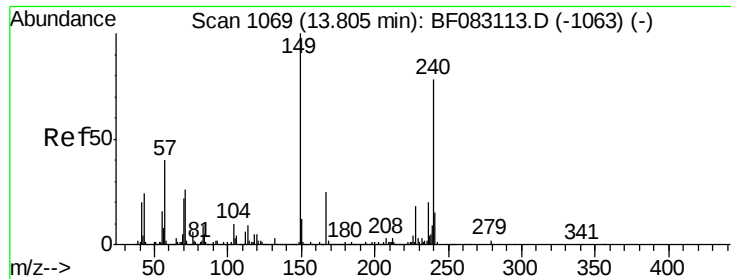
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#82
 Chrysene
 Concen: 58.88 ng m
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1654586		
226	31.9	25.3	37.9	
229	21.3	16.4	24.6	





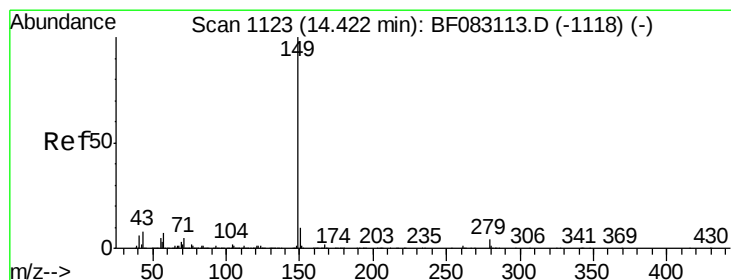
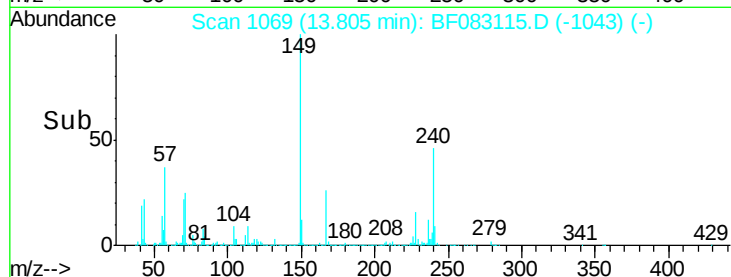
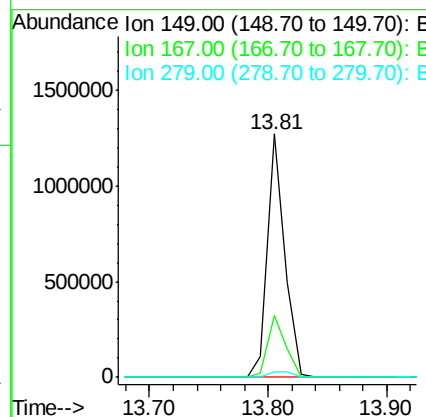
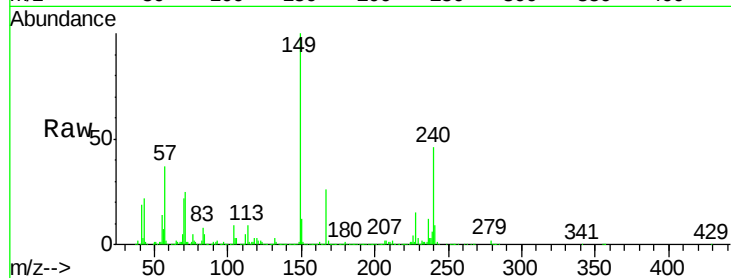
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.13 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:149 Resp: 1307058
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.9 31.3
 279 2.2 2.0 3.0

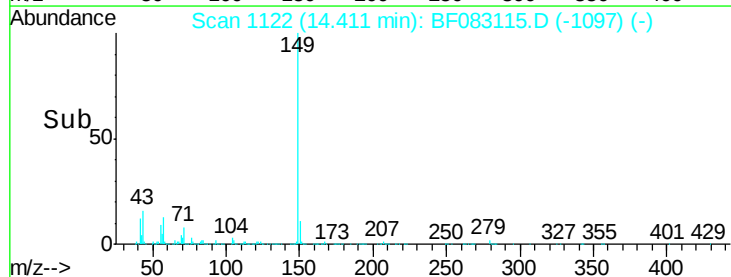
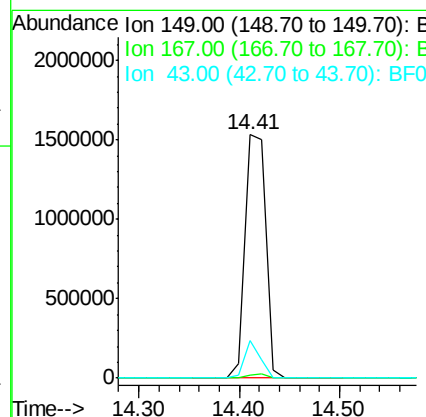
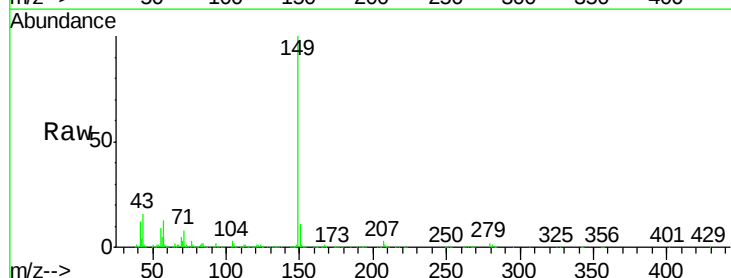
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#84
 Di-n-octyl phthalate
 Concen: 57.64 ng
 RT: 14.41 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF083115.D
 Acq: 21 Nov 2015 15:55

Tgt Ion:149 Resp: 2184000
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.2 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 59.86 ng

RT: 16.45 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:276 Resp: 1602612

Ion Ratio Lower Upper

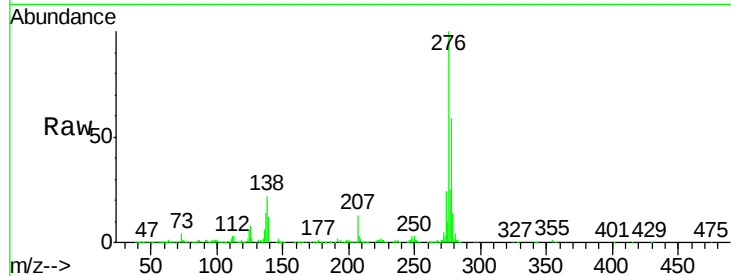
276 100

138 22.5 16.3 24.5

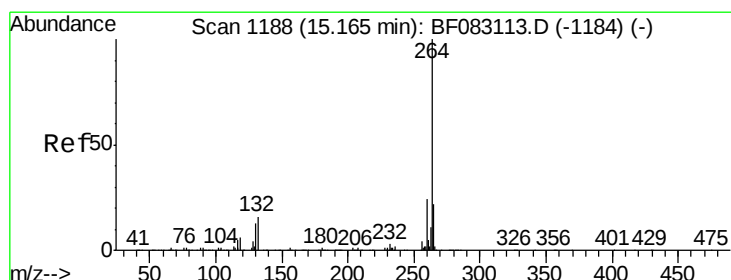
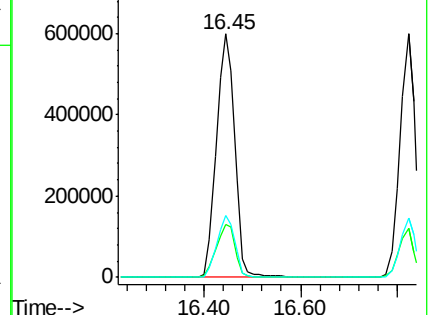
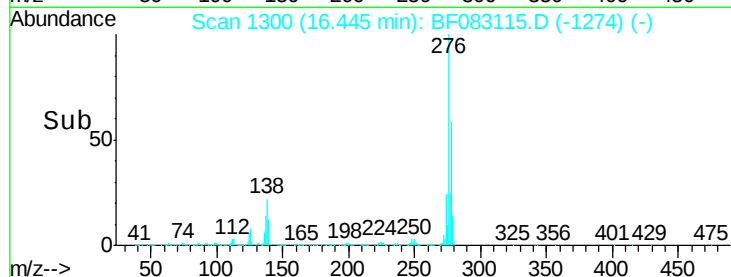
277 25.0 19.8 29.8

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

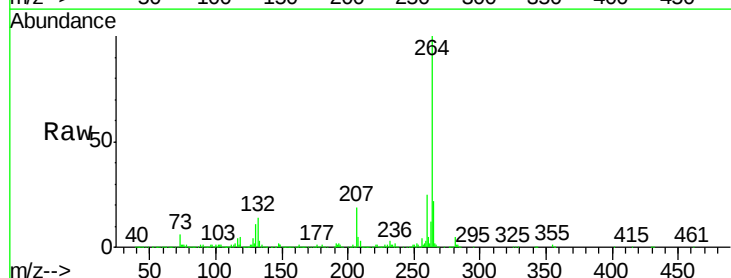
Tgt Ion:264 Resp: 446827

Ion Ratio Lower Upper

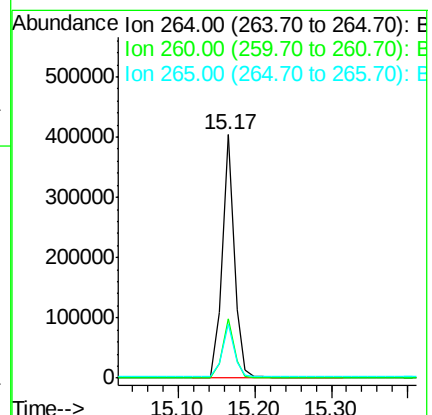
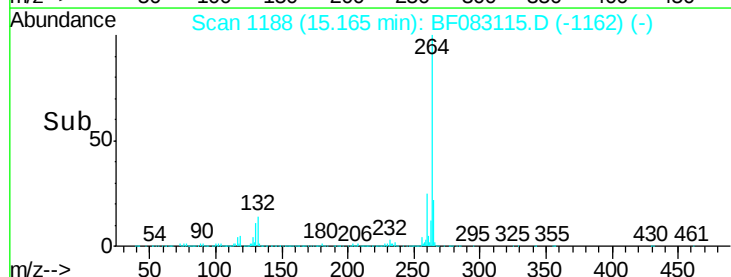
264 100

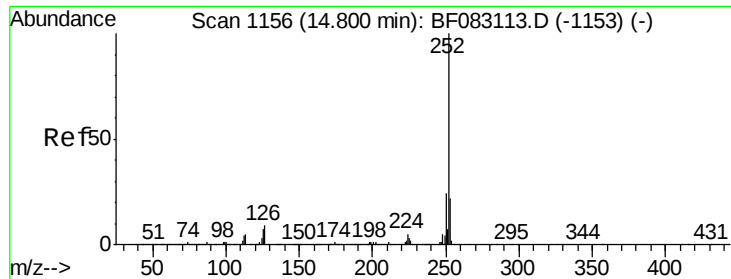
260 24.6 18.6 27.8

265 22.5 17.0 25.6



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





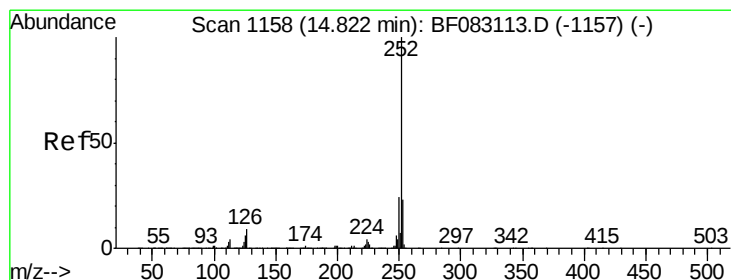
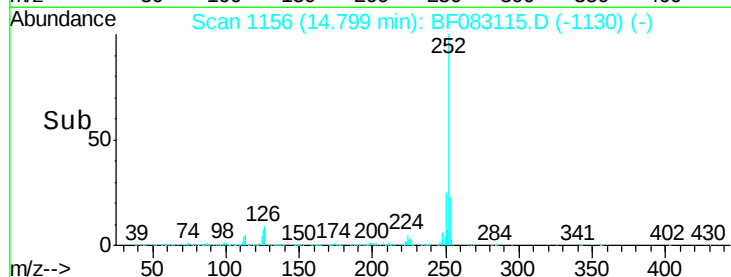
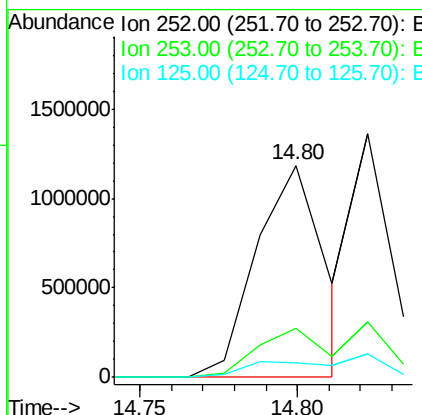
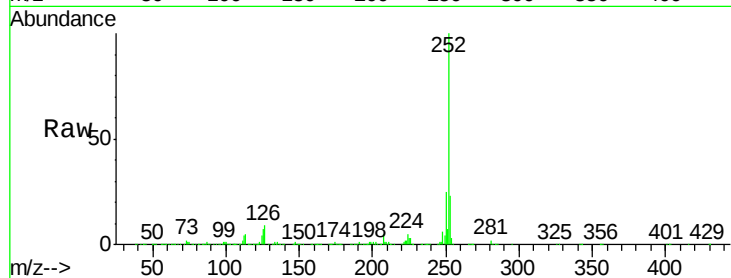
#87
Benzo(b)fluoranthene
Concen: 60.19 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:252 Resp: 1784426
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 7.1 7.7 11.5#

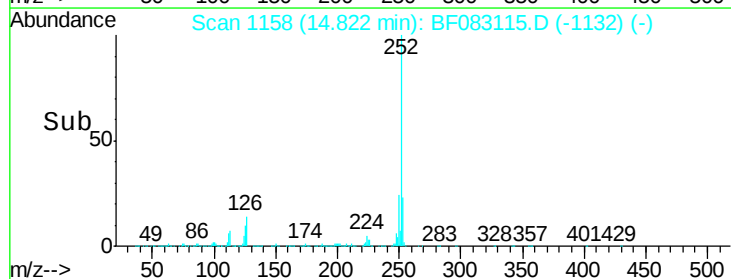
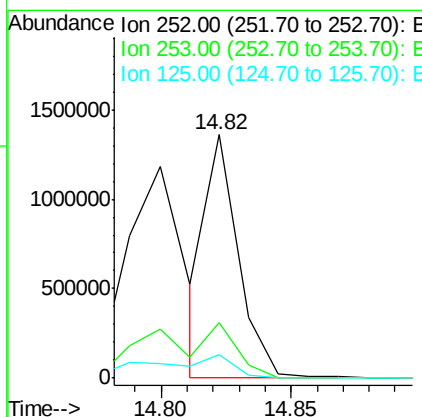
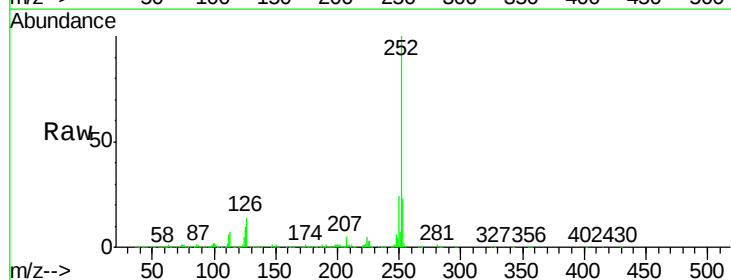
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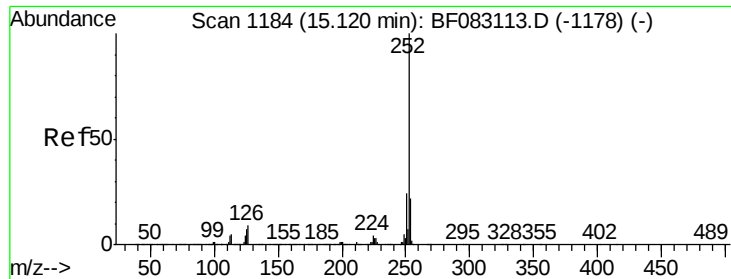
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#88
Benzo(k)fluoranthene
Concen: 52.93 ng m
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion:252 Resp: 1193947
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 9.7 3.8 5.6#





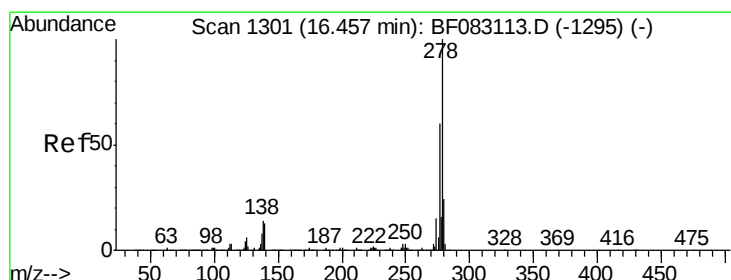
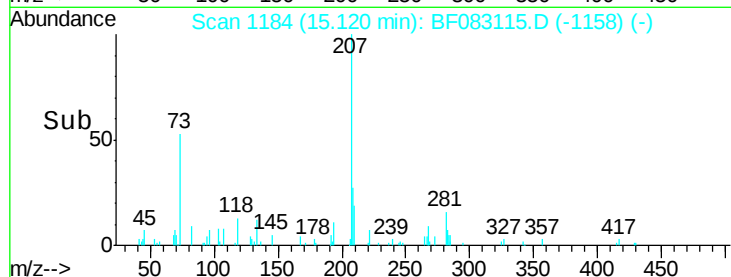
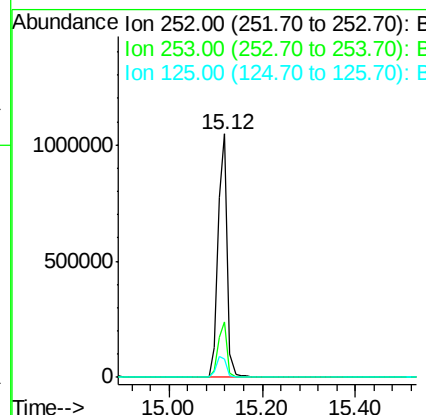
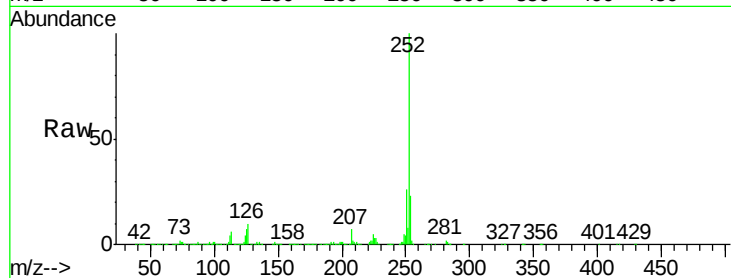
#89
Benzo(a)pyrene
Concen: 58.34 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	7.3	6.4	9.6

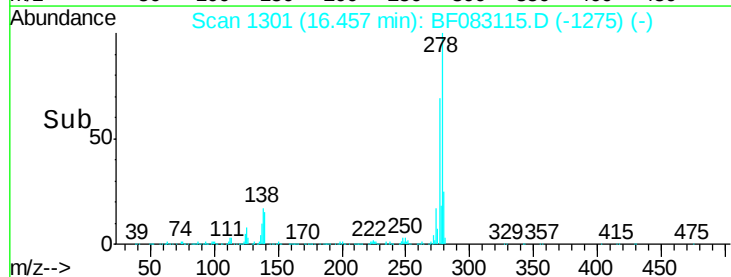
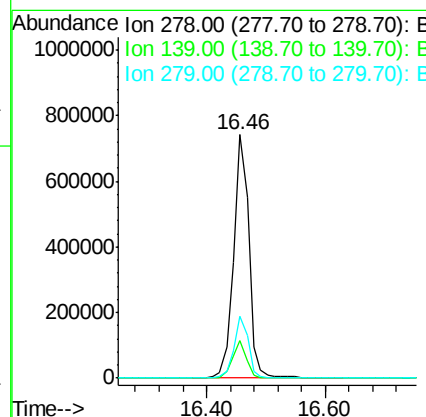
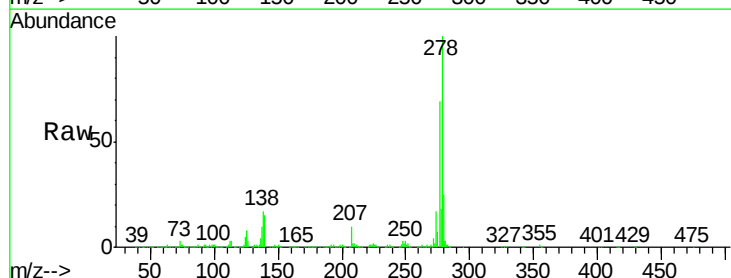
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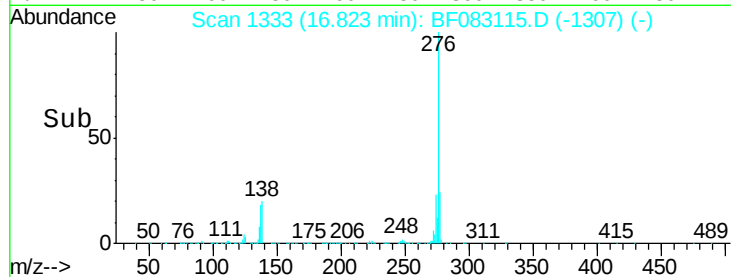
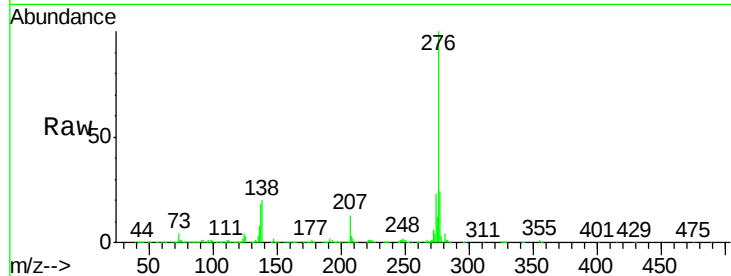
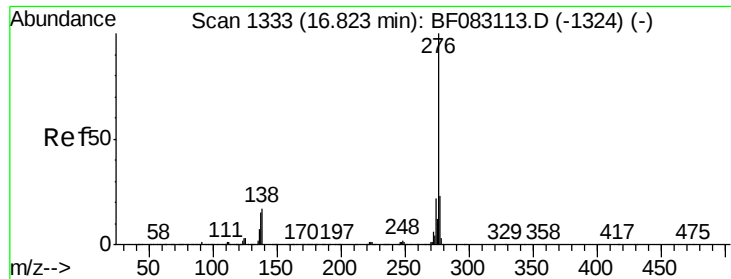
Mmdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 59.13 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF083115.D
Acq: 21 Nov 2015 15:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	9.8	14.8#
279	25.3	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 60.30 ng

RT: 16.82 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF083115.D

Acq: 21 Nov 2015 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 276 Resp: 1316589

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 20.1 12.5 18.7#

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