

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083116.D
 Acq On : 21 Nov 2015 16:24
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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 11/23/2015 7:01:24 PM

Quant Time: Nov 22 00:54:05 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	168909	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	648436	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	319869	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	602552	20.00	ng	0.00
75) Chrysene-d12	13.81	240	505208	20.00	ng	0.00
86) Perylene-d12	15.17	264	416688	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1710087	155.93	ng	0.00
7) Phenol-d6	6.35	99	2153610	151.79	ng	0.01
23) Nitrobenzene-d5	7.24	82	2053513	146.76	ng	0.01
41) 2,4,6-Tribromophenol	10.49	330	469590	145.10	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	3293059	150.14	ng	0.01
78) Terphenyl-d14	12.76	244	3067843	145.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	439076	80.09	ng	99
3) Pyridine	3.00	79	1243384	89.62	ng	99
4) n-Nitrosodimethylamine	2.81	42	613359	88.18	ng	99
6) Aniline	6.34	93	1441982	79.73	ng	# 81
8) 2-Chlorophenol	6.47	128	910517	76.81	ng	85
9) Benzaldehyde	6.22	77	428836	59.30	ng	94
10) Phenol	6.36	94	1335658	78.23	ng	94
11) bis(2-Chloroethyl)ether	6.42	93	1023604	83.71	ng	90
12) 1,3-Dichlorobenzene	6.60	146	1066120	80.97	ng	97
13) 1,4-Dichlorobenzene	6.67	146	1031720	76.63	ng	99
14) 1,2-Dichlorobenzene	6.83	146	870761	70.71	ng	97
15) Benzyl Alcohol	6.84	79	933237	78.26	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1431139	75.48	ng	# 48
17) 2-Methylphenol	6.96	107	777726	79.66	ng	# 84
18) Hexachloroethane	7.18	117	392698	80.81	ng	# 91
19) n-Nitroso-di-n-propylamine	7.12	70	744858	74.97	ng	100
20) 3+4-Methylphenols	7.12	107	929671	75.39	ng	90
22) Acetophenone	7.11	105	1445827	78.84	ng	94
24) Nitrobenzene	7.27	77	1225075	81.75	ng	93
25) Isophorone	7.53	82	2087513	78.17	ng	99
26) 2-Nitrophenol	7.58	139	503120	74.21	ng	99
27) 2,4-Dimethylphenol	7.64	122	847766	79.20	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	1197953	77.17	ng	98
29) 2,4-Dichlorophenol	7.83	162	721159	71.36	ng	95
30) 1,2,4-Trichlorobenzene	7.90	180	831708	75.63	ng	99
31) Naphthalene	7.98	128	2516790	73.93	ng	97
32) Benzoic acid	7.84	122	738048	85.94	ng	99
33) 4-Chloroaniline	8.04	127	1077437	79.65	ng	# 90
34) Hexachlorobutadiene	8.10	225	514595	79.18	ng	99
35) Caprolactam	8.50	113	267318	86.60	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	832443	71.17	ng	90
37) 2-Methylnaphthalene	8.66	142	1545603	70.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	797585	77.72	ng	100
40) Hexachlorocyclopentadiene	8.82	237	493419	81.03	ng	98

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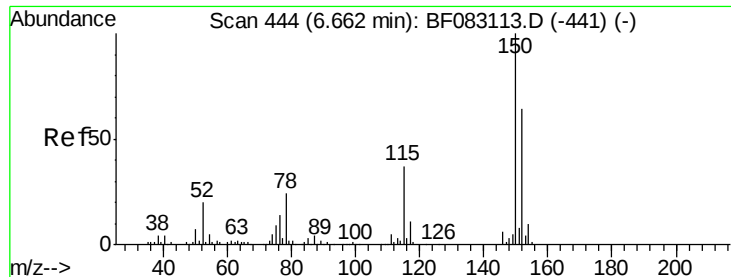
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	600485	80.91	nq	99
43) 2,4,5-Trichlorophenol	9.00	196	586418	77.48	nq #	92
45) 1,1'-Biphenyl	9.13	154	1815588	68.16	nq	99
46) 2-Chloronaphthalene	9.15	162	1541379	73.57	nq	97
47) 2-Nitroaniline	9.27	65	666317	86.92	nq #	76
48) Acenaphthylene	9.56	152	2305676	70.98	nq	96
49) Dimethylphthalate	9.46	163	1966325	81.50	nq	100
50) 2,6-Dinitrotoluene	9.51	165	450491	81.17	nq #	85
51) Acenaphthene	9.74	154	1576430	80.12	nq	99
52) 3-Nitroaniline	9.68	138	435976	71.73	nq	96
53) 2,4-Dinitrophenol	9.78	184	283445	89.04	nq	95
54) Dibenzofuran	9.91	168	1932695	69.80	nq	99
55) 4-Nitrophenol	9.87	139	409214m	90.58	nq	
56) 2,4-Dinitrotoluene	9.91	165	532398	76.05	nq #	77
57) Fluorene	10.25	166	1712766	74.86	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	449122	72.44	nq	97
59) Diethylphthalate	10.15	149	1757549	72.75	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	774212	74.41	nq	93
61) 4-Nitroaniline	10.31	138	501874	84.03	nq	94
62) Azobenzene	10.40	77	2117372	77.06	nq	83
64) 4,6-Dinitro-2-methylphenol	10.32	198	374940	86.90	nq #	69
65) n-Nitrosodiphenylamine	10.38	169	1659157	82.33	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	497289	74.79	nq	91
67) Hexachlorobenzene	10.80	284	576112	79.15	nq #	75
68) Atrazine	10.91	200	393980	66.95	nq	97
69) Pentachlorophenol	10.99	266	383550	78.17	nq	98
70) Phenanthrene	11.20	178	2362558	70.46	nq	96
71) Anthracene	11.26	178	2646421	76.29	nq	97
72) Carbazole	11.42	167	2164975	70.29	nq	97
73) Di-n-butylphthalate	11.76	149	2750024	72.49	nq	98
74) Fluoranthene	12.39	202	2767154	80.07	nq	96
76) Benzidine	12.51	184	939902	70.98	nq	98
77) Pyrene	12.60	202	2611263	76.73	nq	98
79) Butylbenzylphthalate	13.25	149	1292629	78.61	nq	91
80) Benzo(a)anthracene	13.79	228	2436134	76.07	nq	98
81) 3,3'-Dichlorobenzidine	13.77	252	839301	77.12	nq #	97
82) Chrysene	13.84	228	2170554	80.62	nq	100
83) Bis(2-ethylhexyl)phthalate	13.81	149	1675421	79.11	nq	99
84) Di-n-octyl phthalate	14.42	149	2808444	77.37	nq	97
85) Indeno(1,2,3-cd)pyrene	16.45	276	2079513	81.07	nq	98
87) Benzo(b)fluoranthene	14.80	252	2045334m	73.98	nq	
88) Benzo(k)fluoranthene	14.82	252	1706944m	81.15	nq	
89) Benzo(a)pyrene	15.12	252	1759596	76.61	nq #	96
90) Dibenzo(a,h)anthracene	16.47	278	1707030	81.87	nq	99
91) Benzo(g,h,i)perylene	16.83	276	1691186	83.06	nq #	95

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



#1

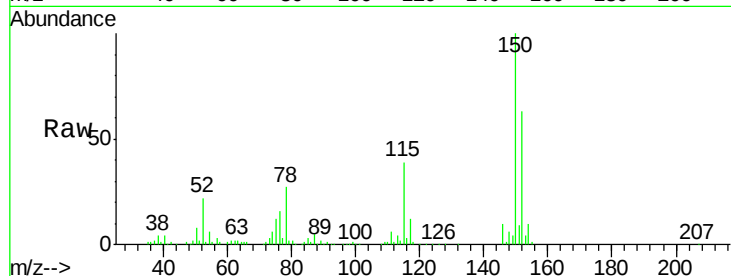
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

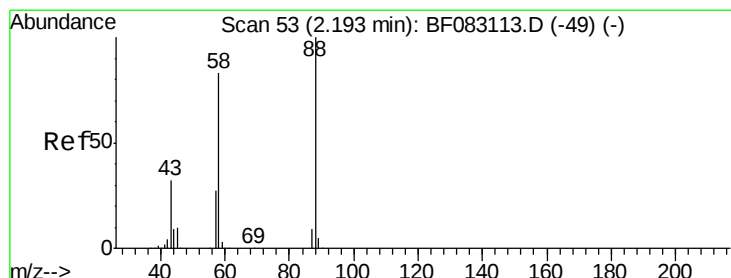
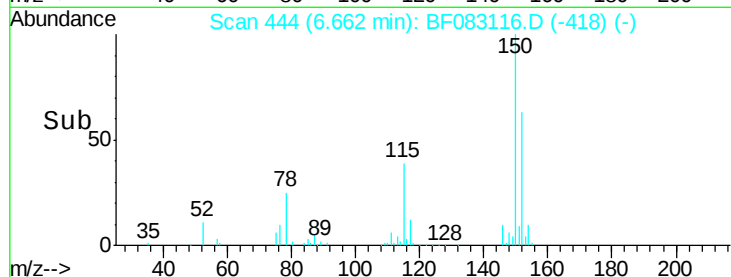
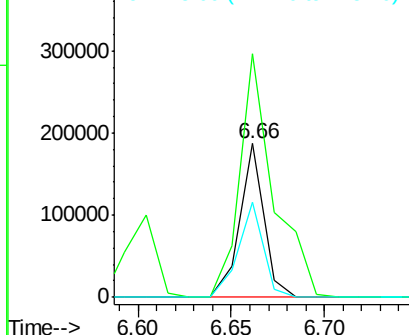
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.4	189.6
115	61.7	49.0	73.6

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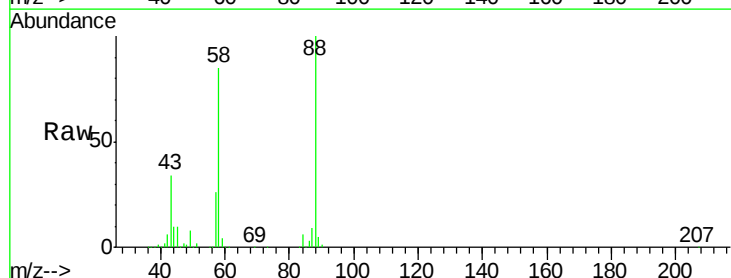
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



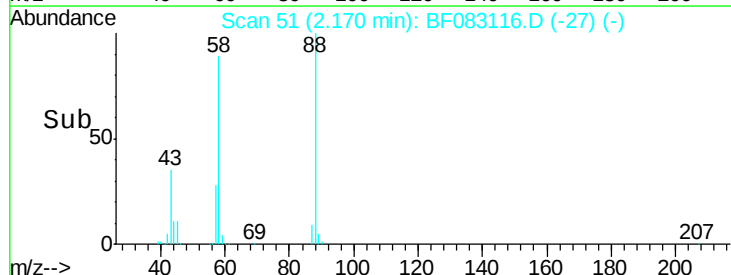
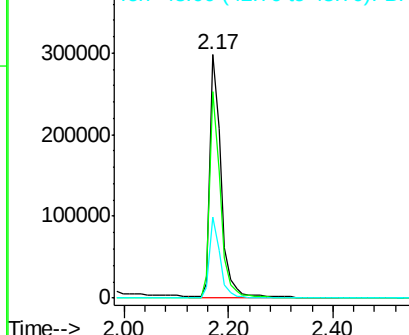
#2

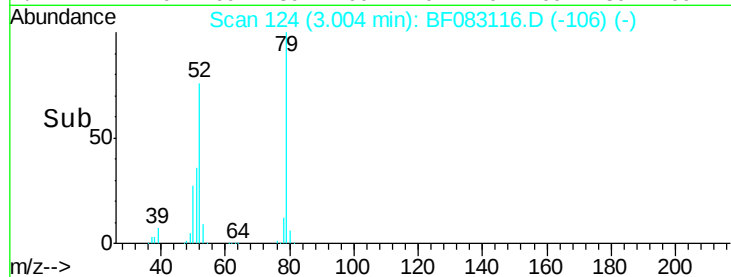
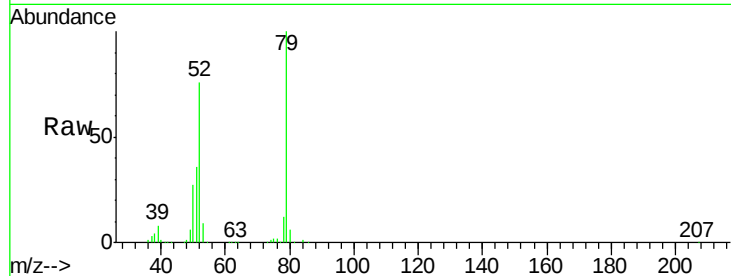
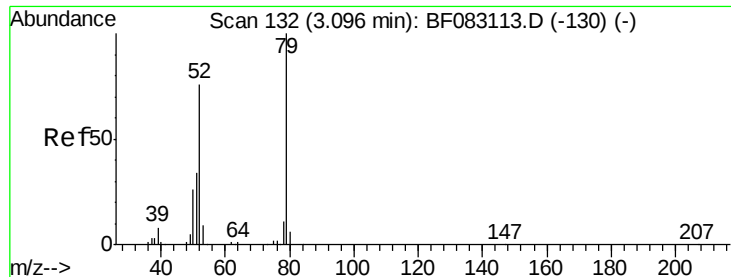
1,4-Dioxane
Concen: 80.09 ng
RT: 2.17 min Scan# 51
Delta R.T. -0.02 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	64.8	97.2
43	31.9	26.2	39.4



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





#3

Pvridine

Concen: 89.62 ng

RT: 3.00 min Scan# 124

Delta R.T. -0.09 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tot Ion: 79 Resp: 1243384

Ion Ratio Lower Upper

79 100

52 75.8 61.0 91.4

51 36.4 30.0 45.0

Instrument :

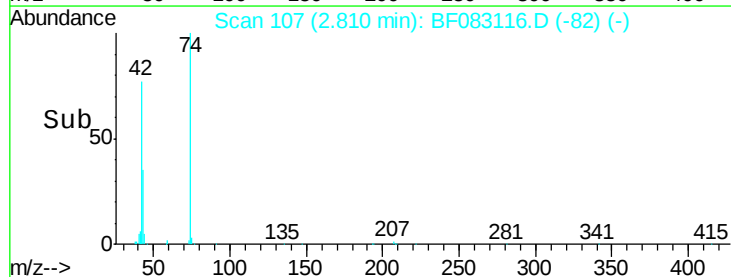
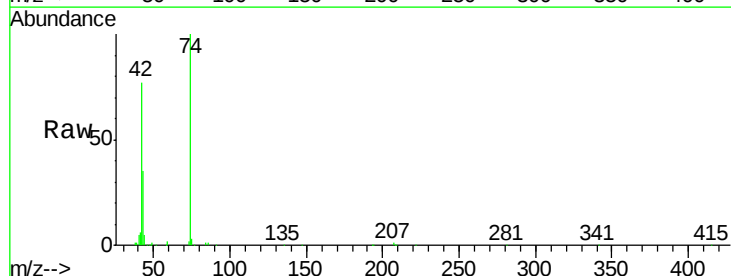
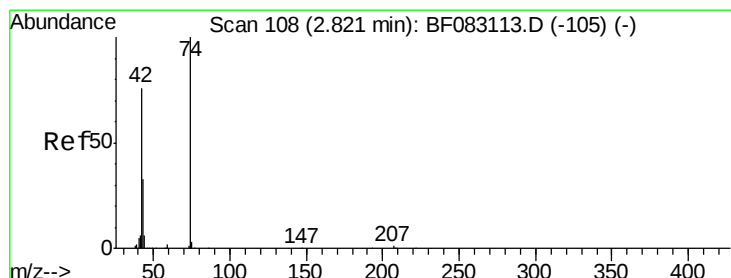
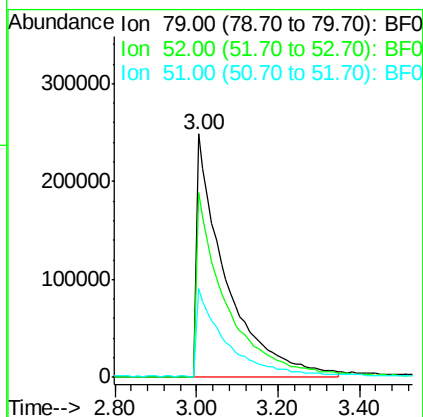
BNA_F

ClientSampleId :

SSTDICC080

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#4

n-Nitrosodimethylamine

Concen: 88.18 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

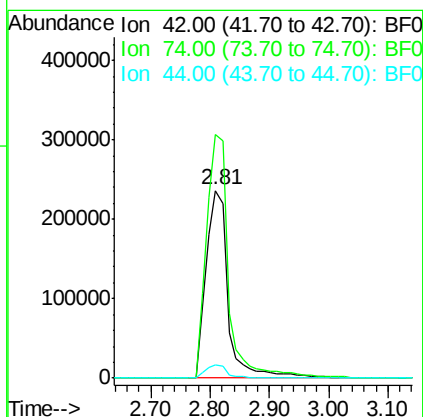
Tgt Ion: 42 Resp: 613359

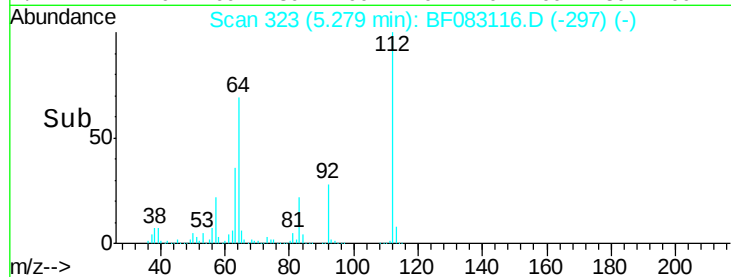
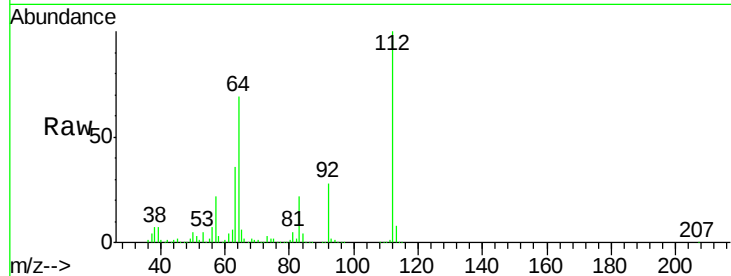
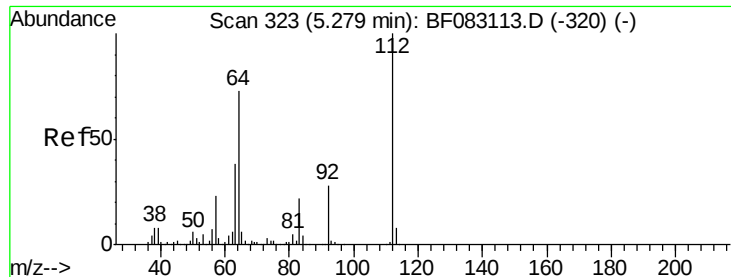
Ion Ratio Lower Upper

42 100

74 129.6 102.4 153.6

44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 155.93 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tot Ion: 112 Resp: 1710087

Ion Ratio Lower Upper

112 100

64 69.0 54.8 82.2

63 36.0 29.0 43.4

Instrument :

BNA_F

ClientSampleId :

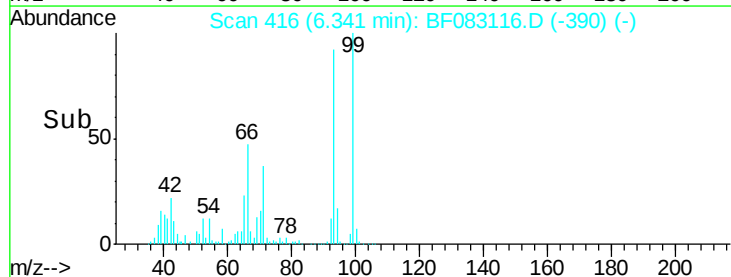
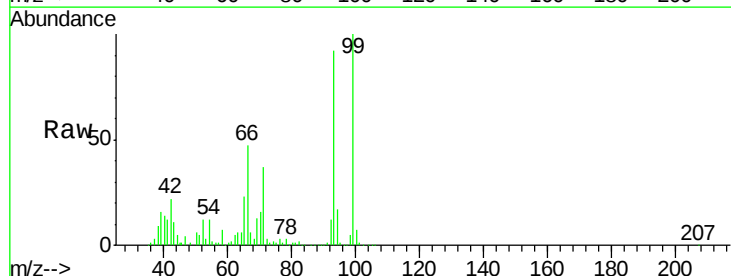
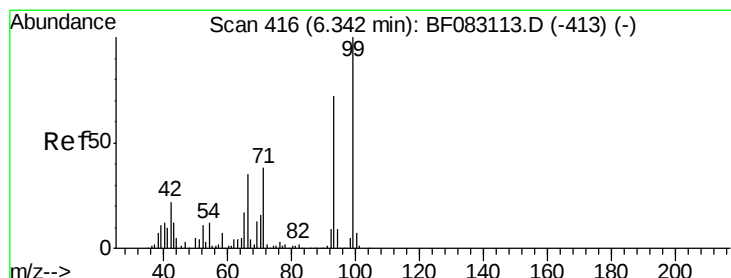
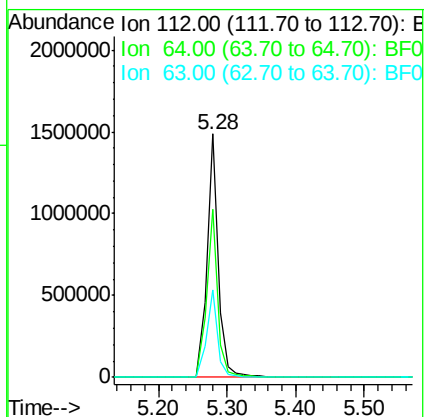
SSTDICC080

Manual Integrations

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#6

Aniline

Concen: 79.73 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

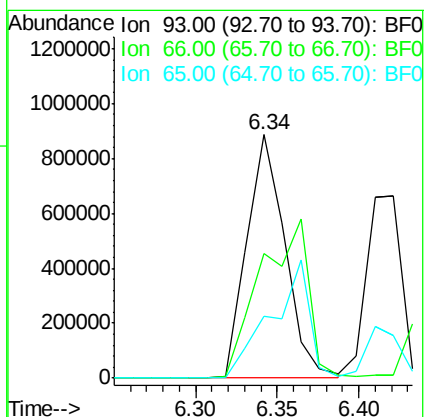
Tgt Ion: 93 Resp: 1441982

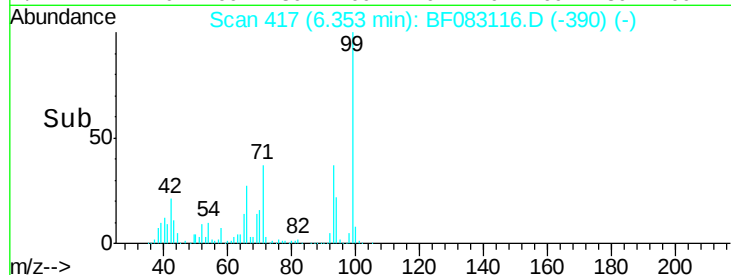
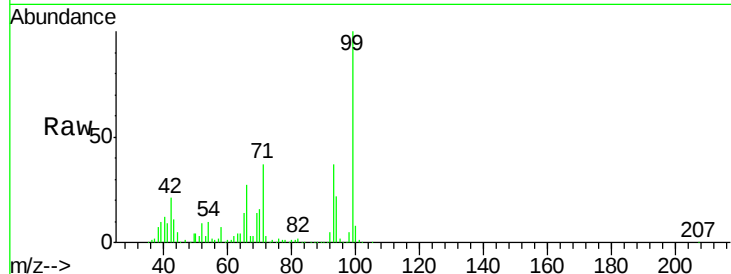
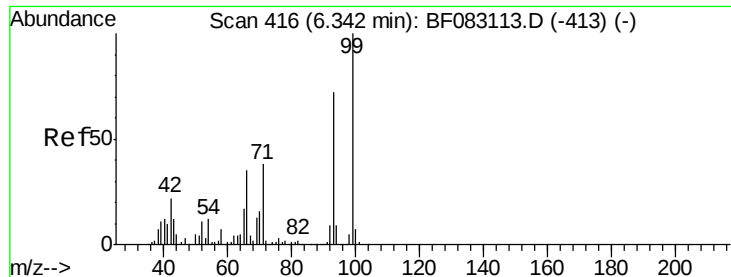
Ion Ratio Lower Upper

93 100

66 51.0 51.4 77.2#

65 25.2 30.7 46.1#





#7

Phenol-d6

Concen: 151.79 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tot Ion:	99	Resp:	2153610
Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.6	25.0
71	37.3	29.2	43.8

Instrument :

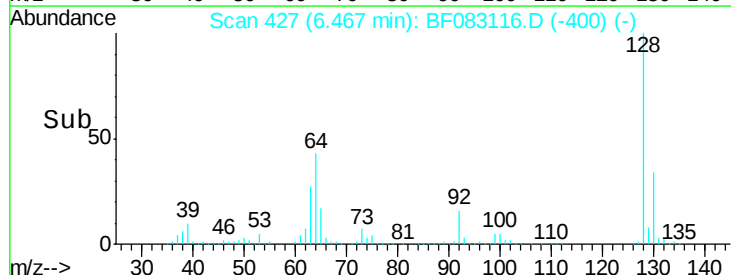
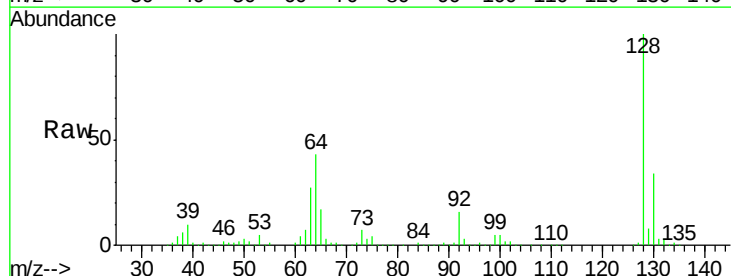
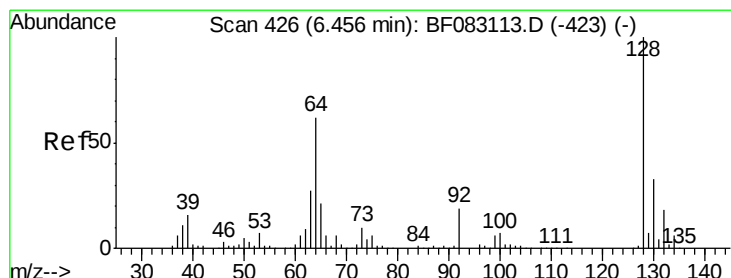
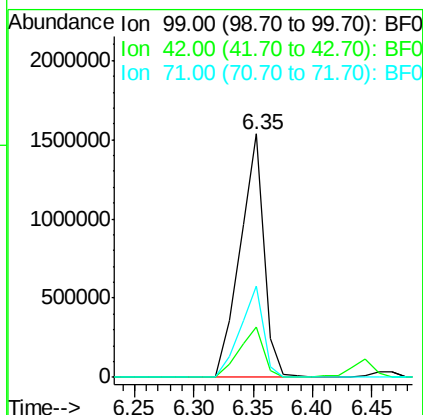
BNA_F

ClientSampleId :

SSTDIC080

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#8

2-Chlorophenol

Concen: 76.81 ng

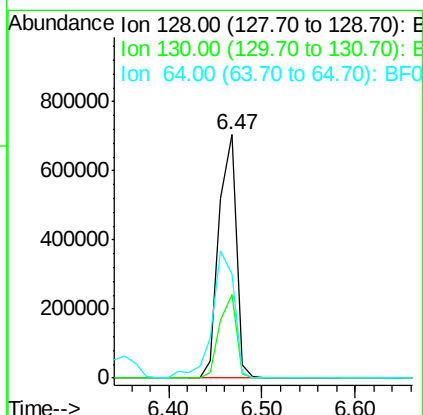
RT: 6.47 min Scan# 427

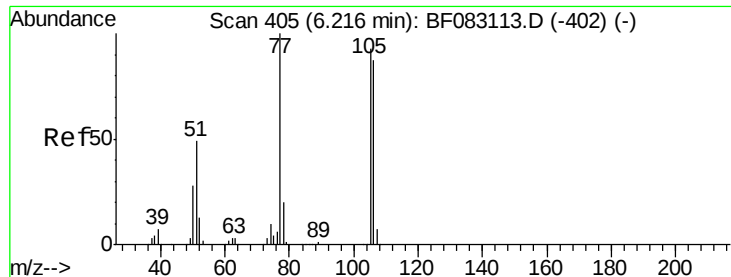
Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tgt Ion:	128	Resp:	910517
Ion	Ratio	Lower	Upper
128	100		
130	34.3	12.3	52.3
64	42.9	38.3	78.3





#9

Benzaldehyde

Concen: 59.30 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

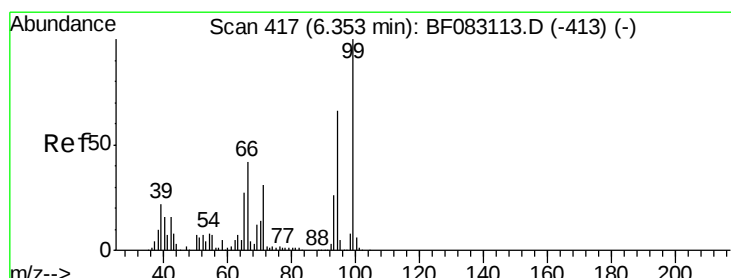
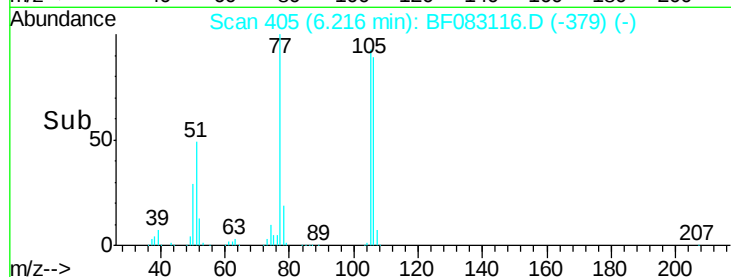
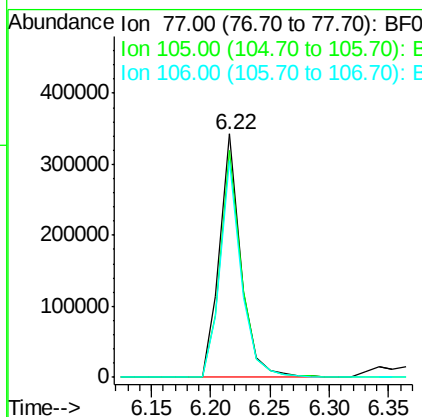
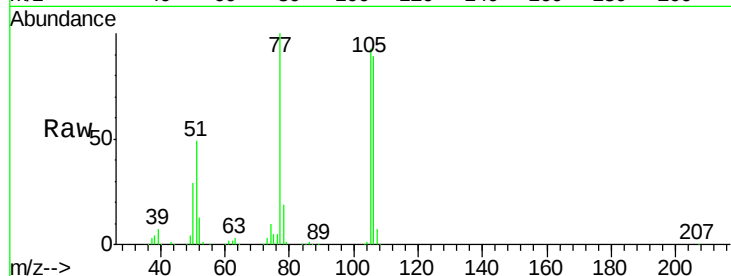
ClientSampleId :

SSTDICC080

Tot Ion:	77	Resp:	428836
Ion	Ratio	Lower	Upper
77	100		
105	93.2	69.6	109.6
106	89.0	62.0	102.0

Manual Integrations
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11/23/2015 7:01:24 PM



#10

Phenol

Concen: 78.23 ng

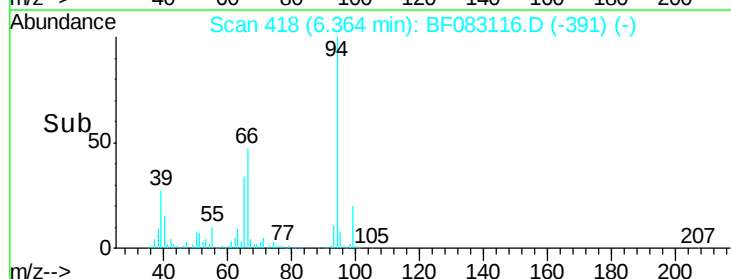
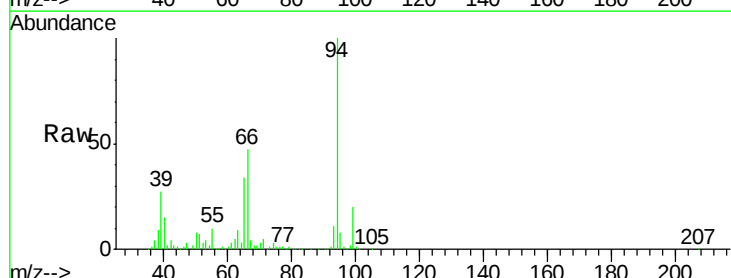
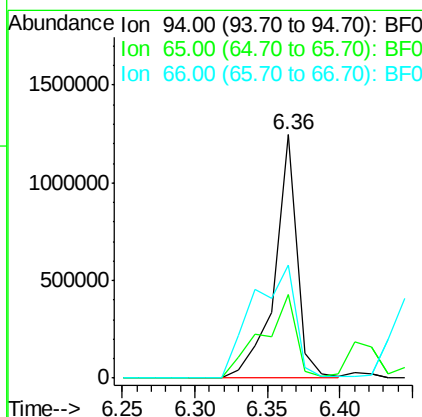
RT: 6.36 min Scan# 418

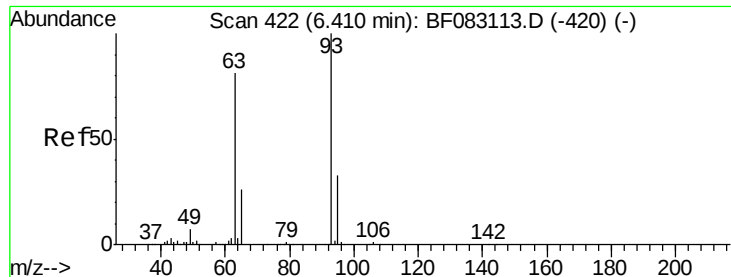
Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tgt Ion:	94	Resp:	1335658
Ion	Ratio	Lower	Upper
94	100		
65	34.5	10.1	50.1
66	46.6	23.2	63.2





#11

bis(2-Chloroethyl)ether

Concen: 83.71 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 93 Resp: 1023604

Ion Ratio Lower Upper

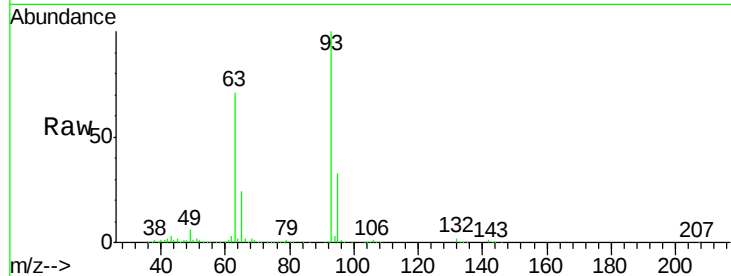
93 100

63 71.0 63.6 103.6

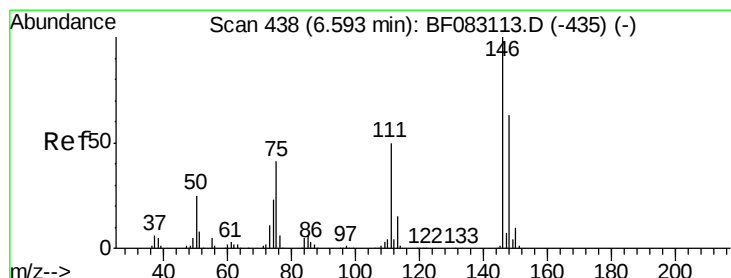
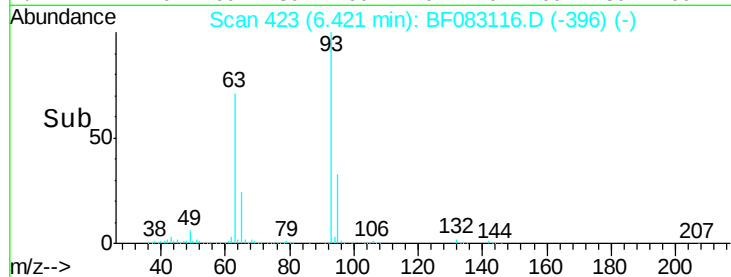
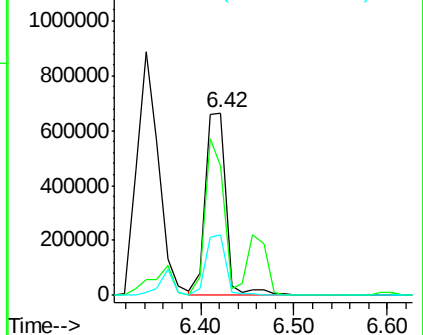
95 32.9 13.8 53.8

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Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 80.97 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

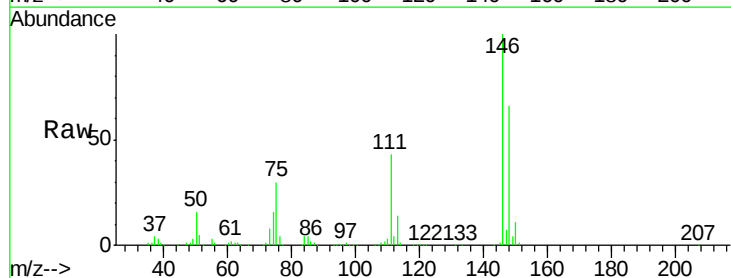
Tgt Ion: 146 Resp: 1066120

Ion Ratio Lower Upper

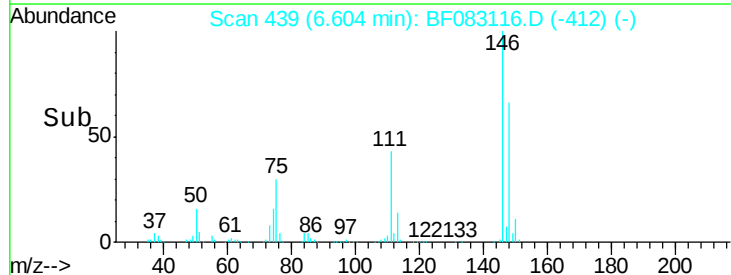
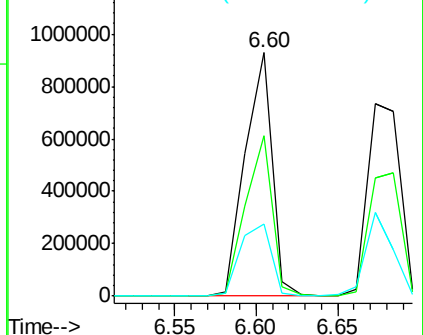
146 100

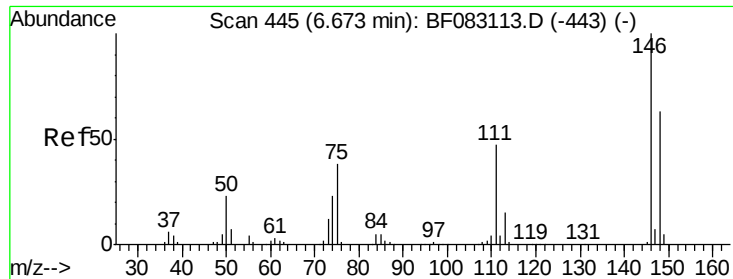
148 65.9 52.8 79.2

75 29.8 20.3 30.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





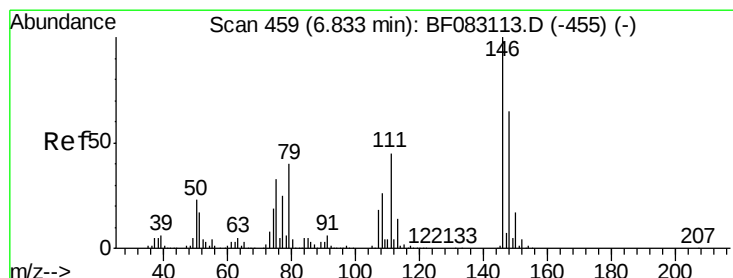
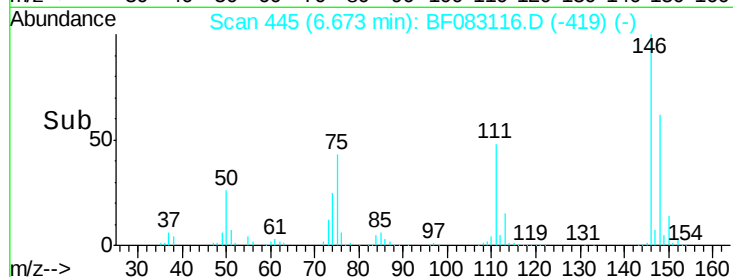
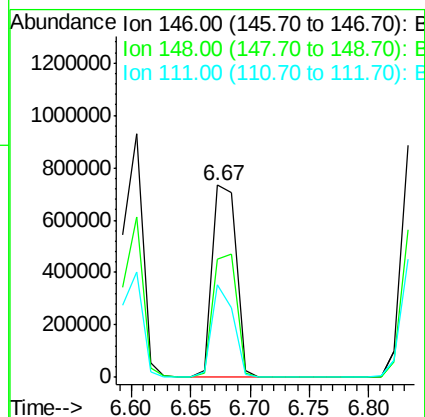
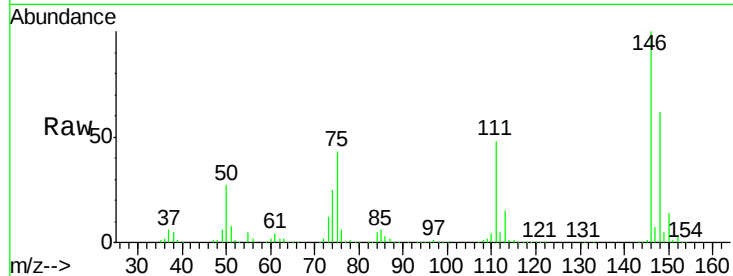
#13
 1,4-Dichlorobenzene
 Concen: 76.63 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:146 Resp: 1031720
 Ion Ratio Lower Upper
 146 100
 148 61.6 49.6 74.4
 111 48.4 39.0 58.6

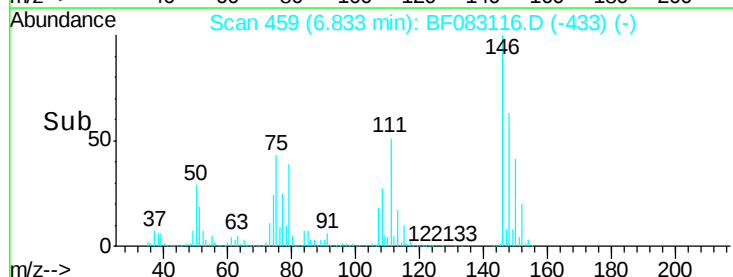
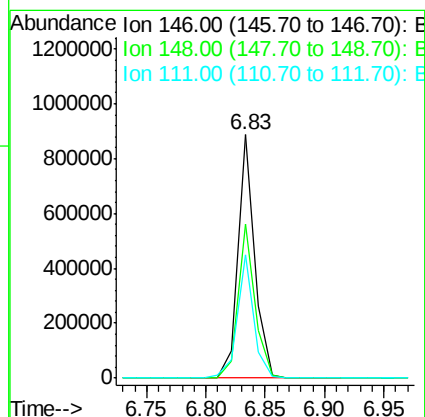
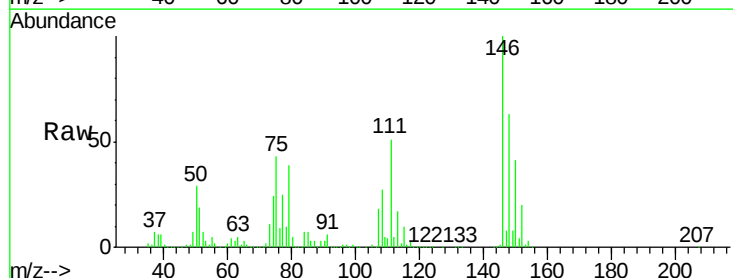
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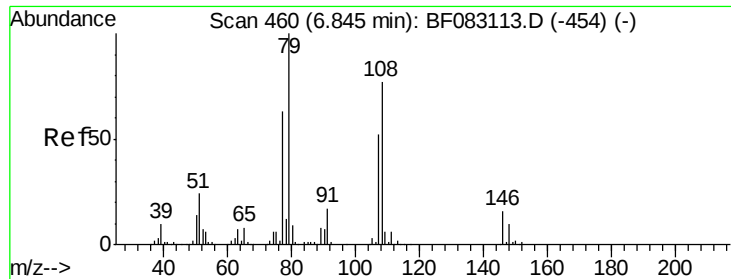
Mmdadoda
 11/23/2015 7:01:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 70.71 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Tgt Ion:146 Resp: 870761
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.6
 111 50.8 38.2 57.2





#15

Benzyl Alcohol

Concen: 78.26 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 933237
Ion Ratio Lower Upper

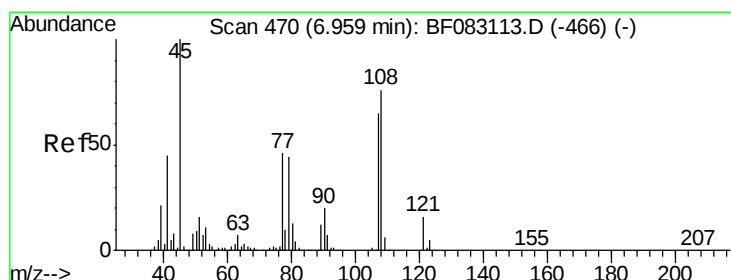
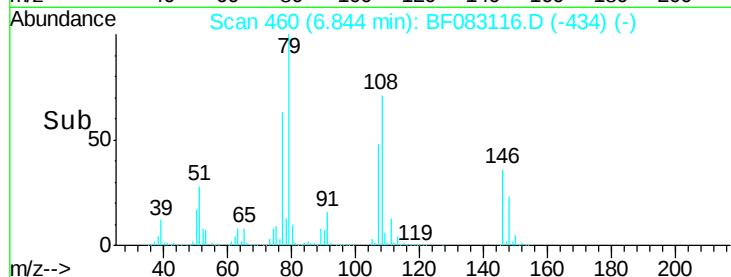
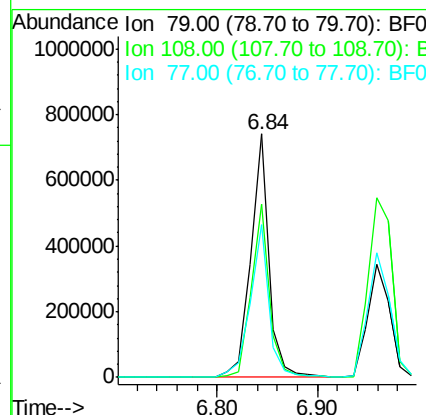
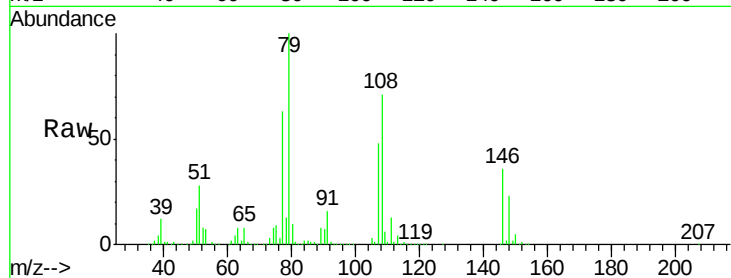
79 100

108 71.4 55.7 83.5

77 62.6 50.7 76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 75.48 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083116.D

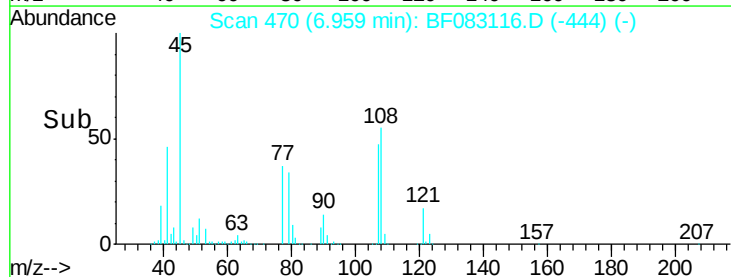
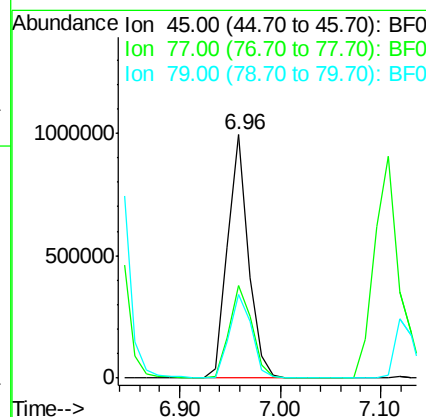
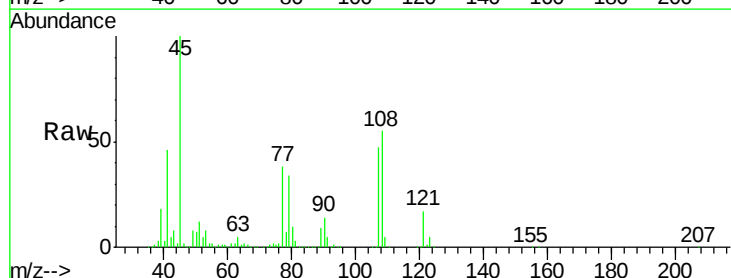
Acq: 21 Nov 2015 16:24

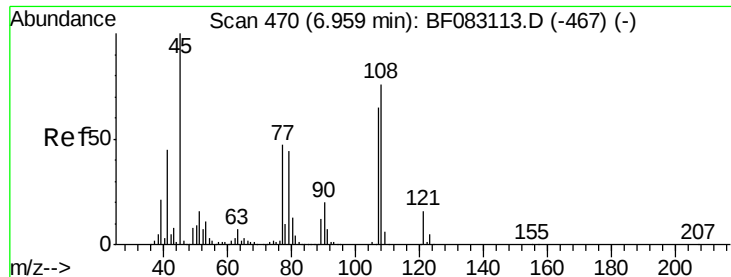
Tgt Ion: 45 Resp: 1431139
Ion Ratio Lower Upper

45 100

77 38.2 0.0 36.7#

79 34.5 0.0 33.0#





#17

2-Methylphenol

Concen: 79.66 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

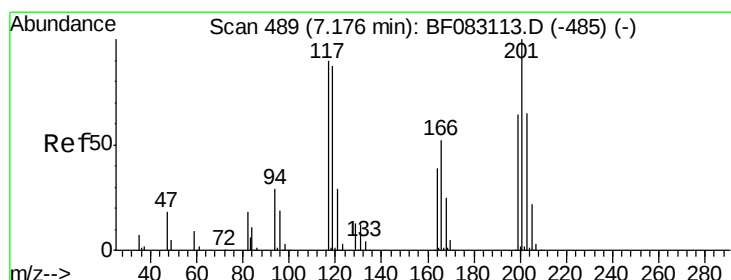
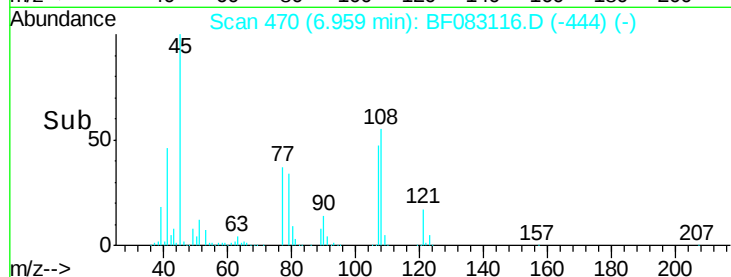
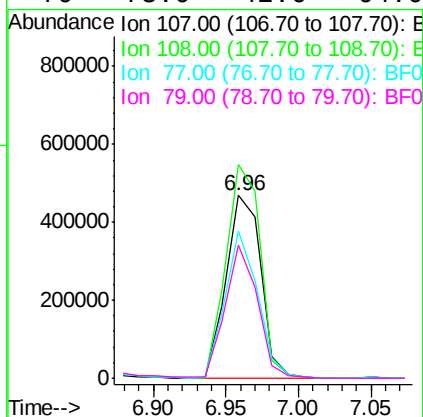
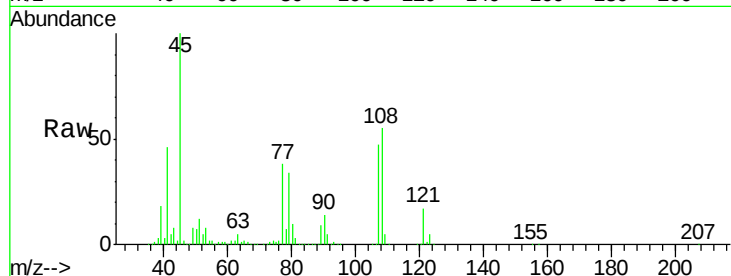
ClientSampleId :

SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		777726		
108	116.7	92.3	138.5		
77	80.8	43.9	65.9#		
79	73.0	42.6	64.0#		

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#18

Hexachloroethane

Concen: 80.81 ng

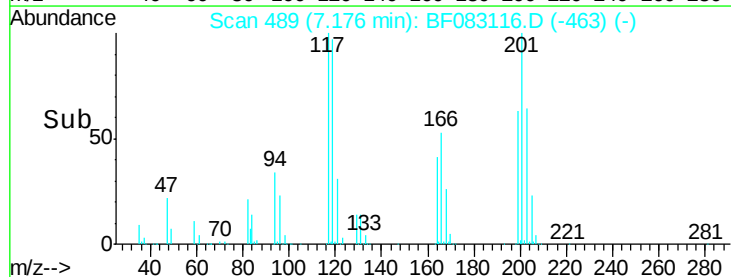
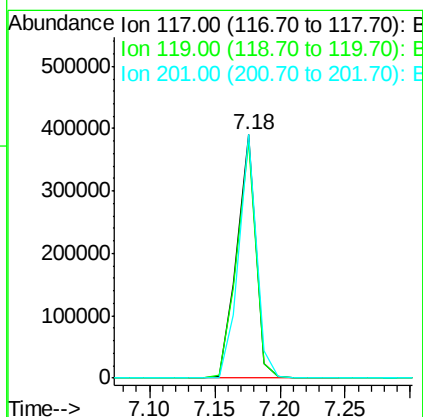
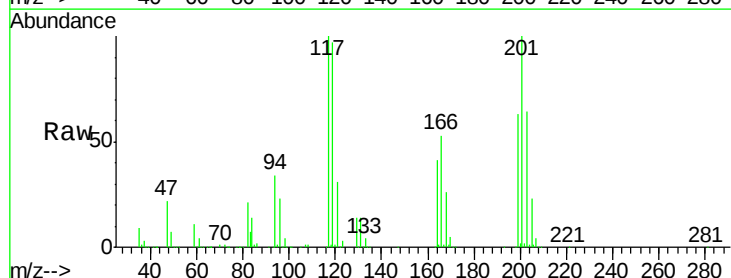
RT: 7.18 min Scan# 489

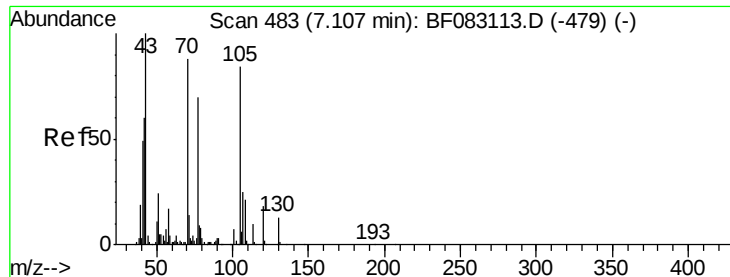
Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		392698		
119	96.9	78.3	117.5		
201	100.1	66.5	99.7#		





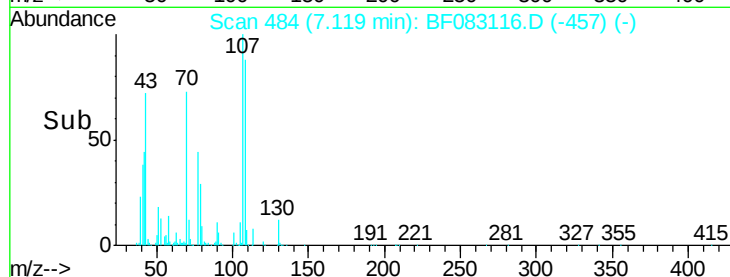
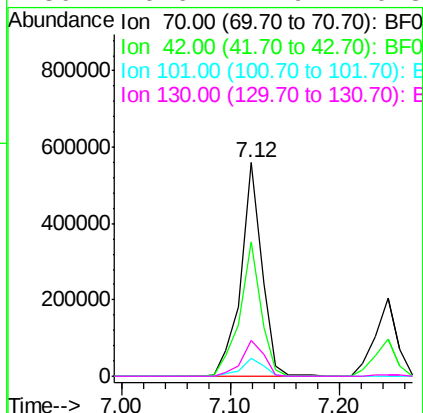
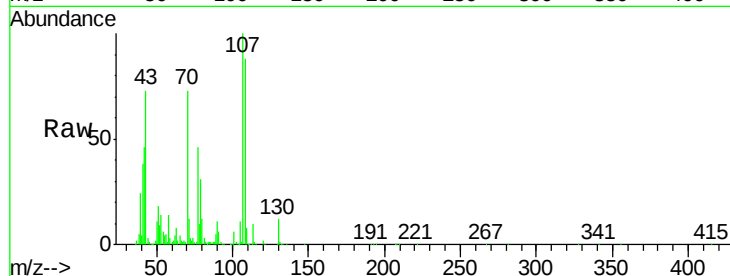
#19
n-Nitroso-di-n-propylamine
Concen: 74.97 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.7	50.2	75.2	
101	8.7	6.8	10.2	
130	16.6	12.9	19.3	

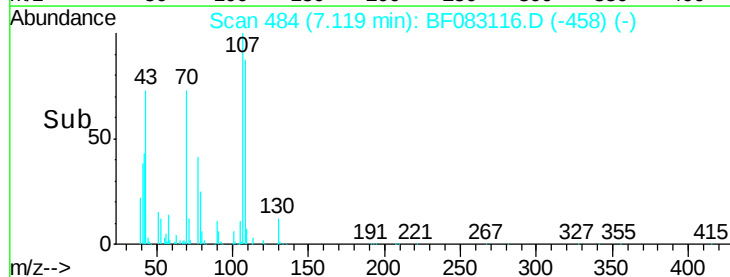
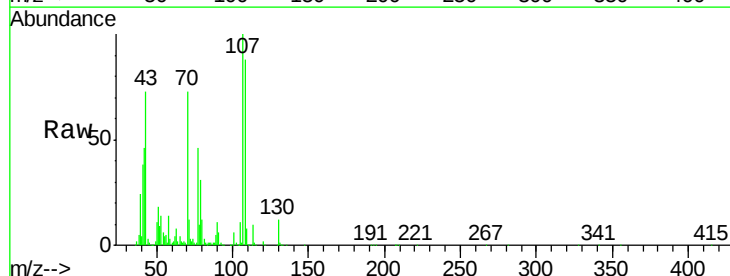
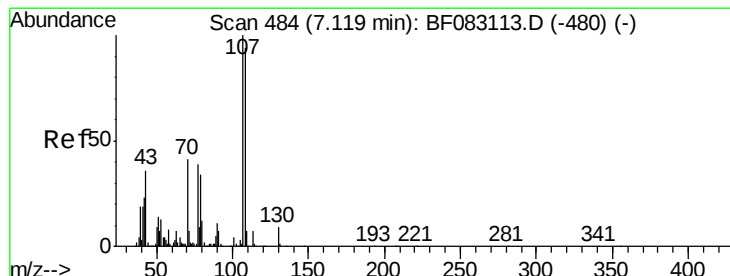
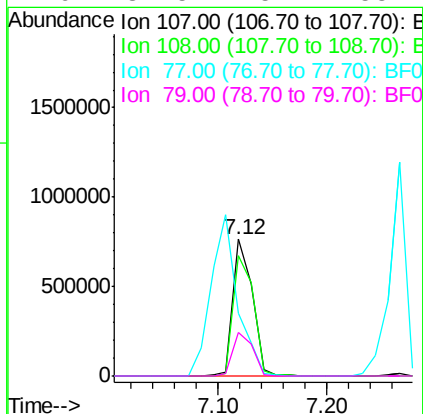
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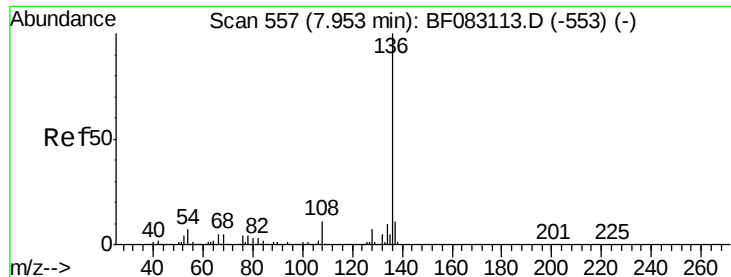
Mmdadoda
11/23/2015 7:01:24 PM



#20
3+4-Methylphenols
Concen: 75.39 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	77.4	117.4	
77	46.1	16.7	56.7	
79	31.5	15.2	55.2	





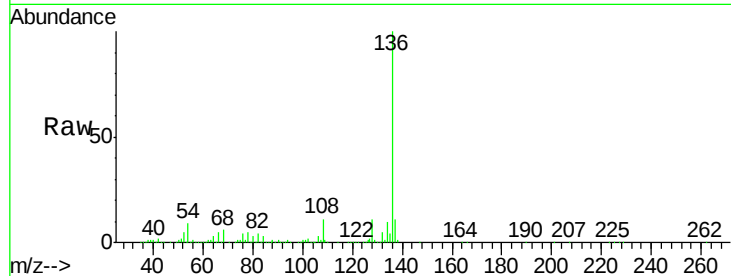
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		648436		
137	11.3		8.6	12.8	
54	8.7		6.2	9.2	
68	5.8		4.2	6.2	

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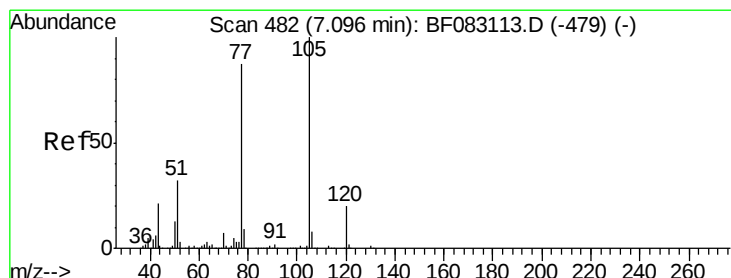
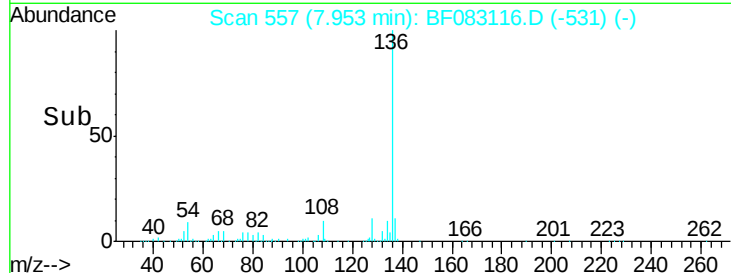
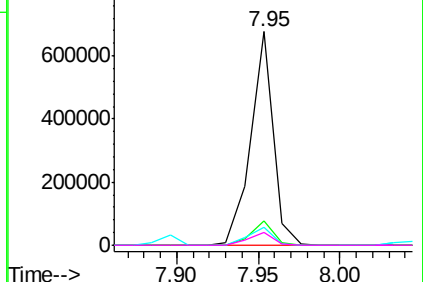
Abundance

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: 78.84 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1445827		
71	2.8		2.3	3.5	
51	28.0		26.1	39.1	
120	20.9		15.3	22.9	

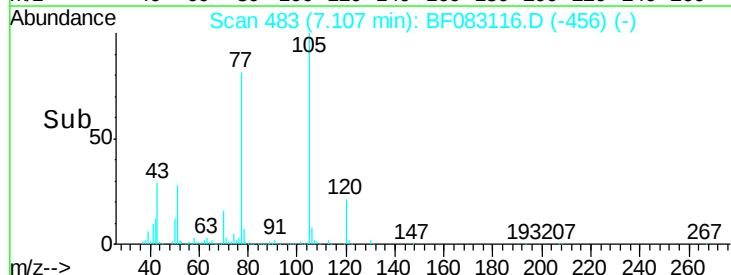
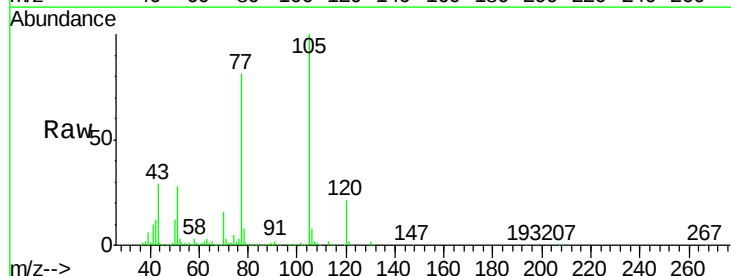
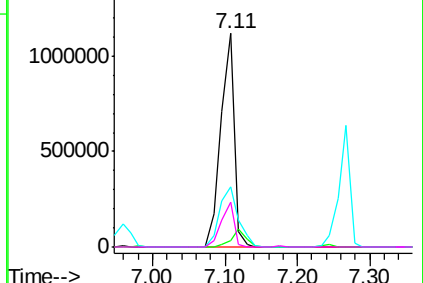
Abundance

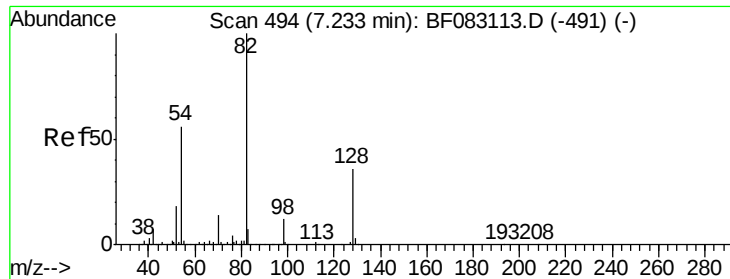
Ion 105.00 (104.70 to 105.70): E

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





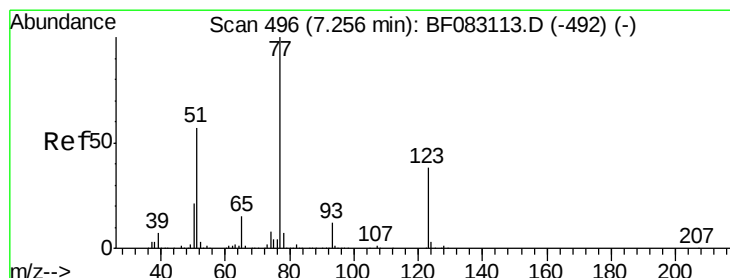
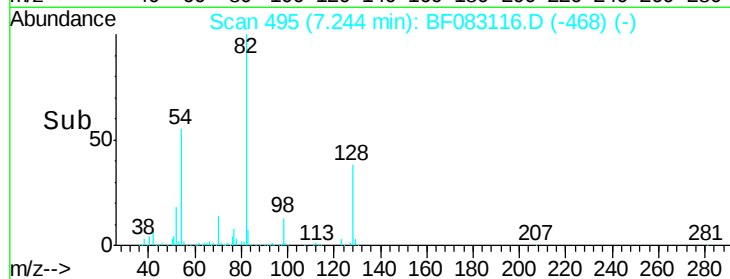
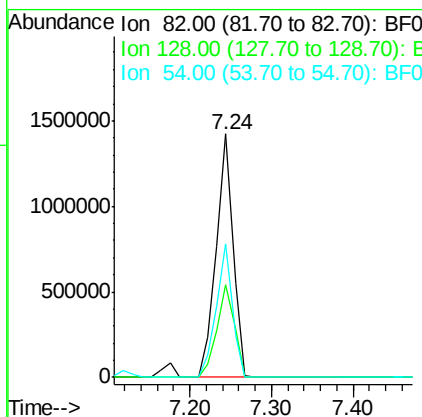
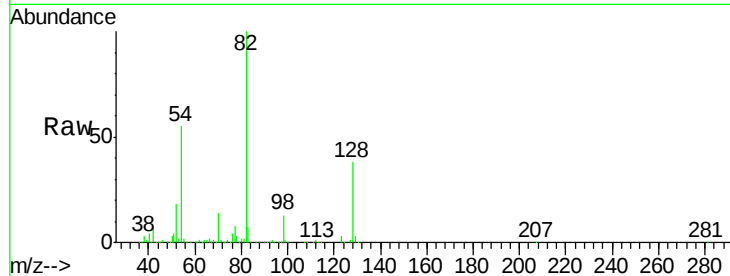
#23
 Nitrobenzene-d5
 Concen: 146.76 ng
 RT: 7.24 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	82	Resp	2053513
Ion	Ratio	Lower	Upper
82	100		
128	37.8	33.1	49.7
54	54.6	39.8	59.6

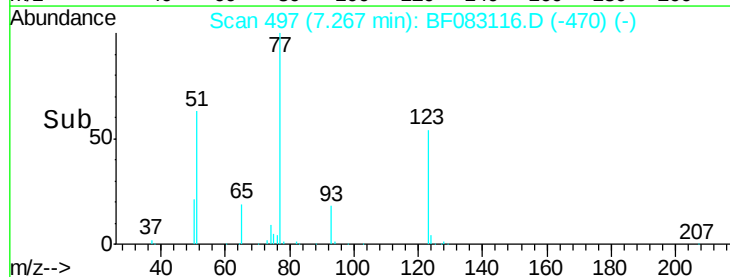
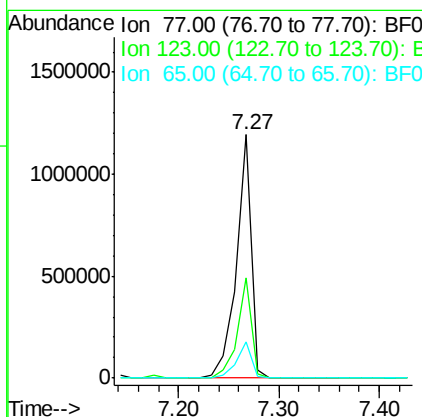
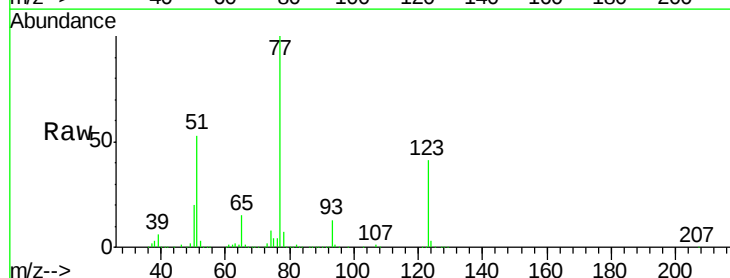
Manual Integrations
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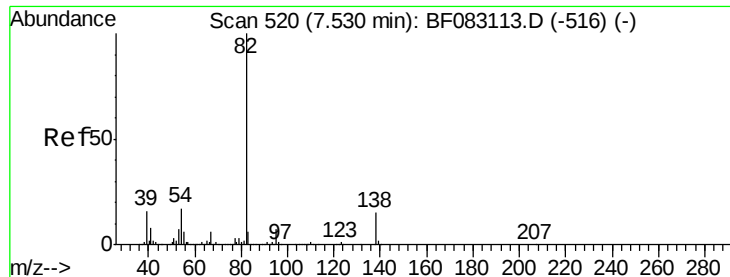
Mmdadoda
 11/23/2015 7:01:24 PM



#24
 Nitrobenzene
 Concen: 81.75 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.01 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Tgt Ion	77	Resp	1225075
Ion	Ratio	Lower	Upper
77	100		
123	41.4	28.2	42.4
65	14.8	11.8	17.8





#25

Isophorone

Concen: 78.17 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 2087513

Ion Ratio Lower Upper

82 100

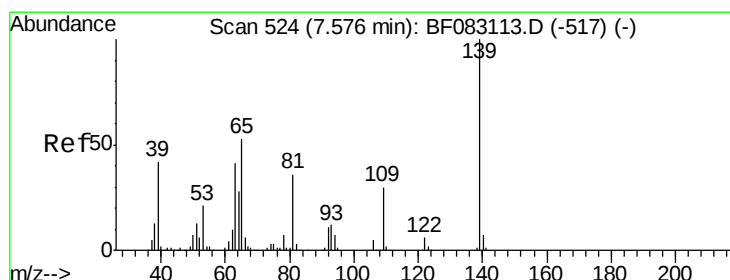
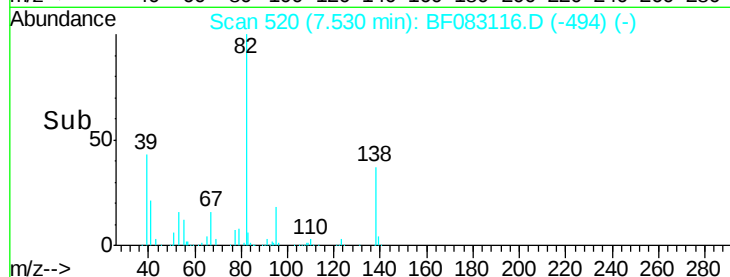
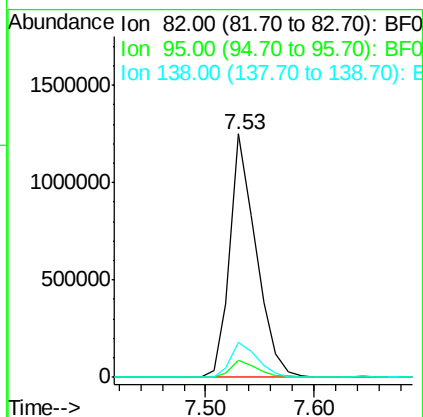
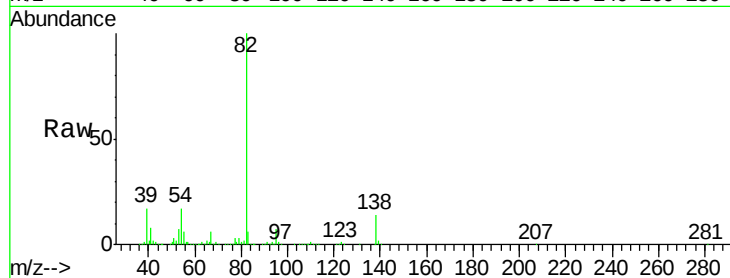
95 7.1 5.7 8.5

138 14.4 12.2 18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 74.21 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

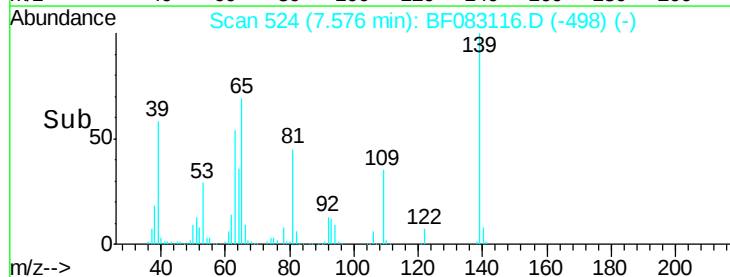
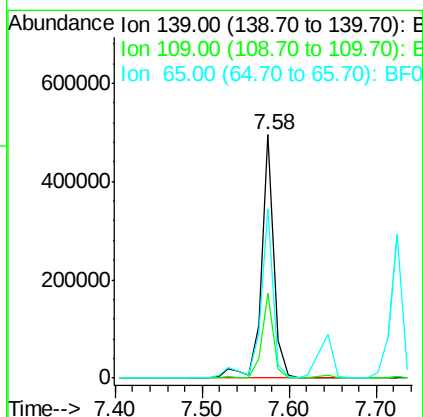
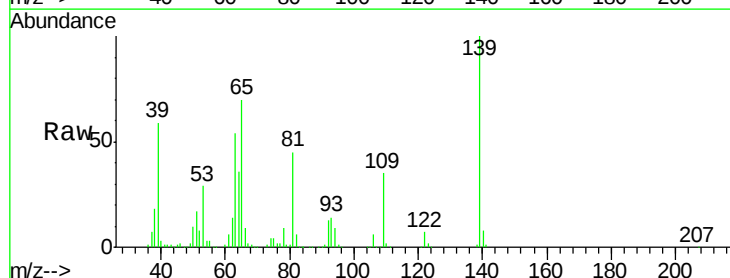
Tgt Ion: 139 Resp: 503120

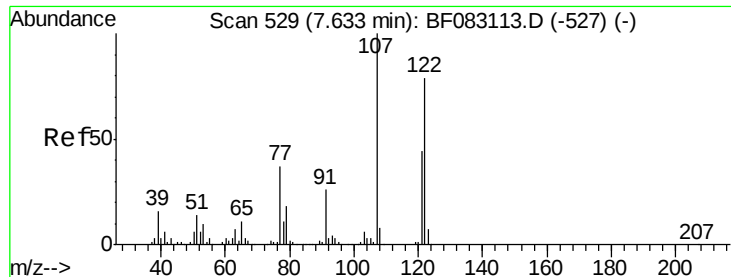
Ion Ratio Lower Upper

139 100

109 34.9 27.8 41.6

65 69.8 56.4 84.6





#27

2,4-Dimethylphenol

Concen: 79.20 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

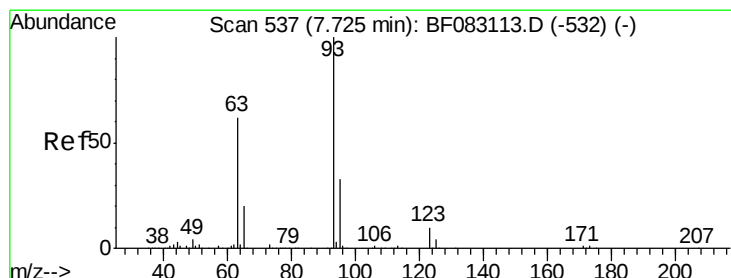
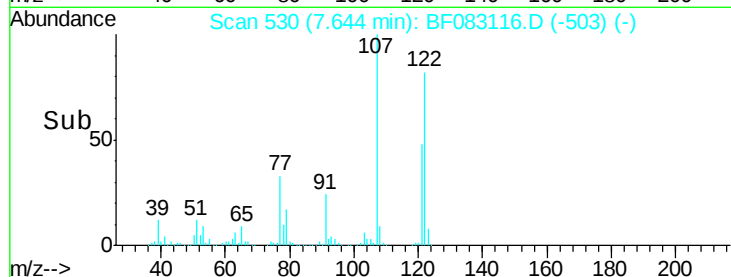
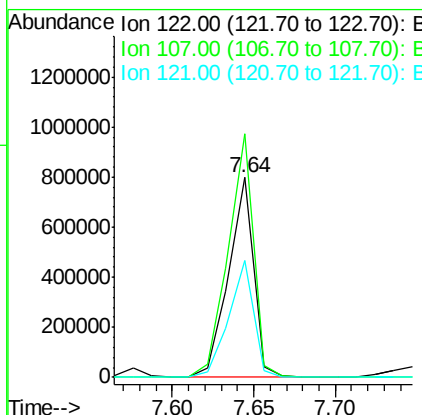
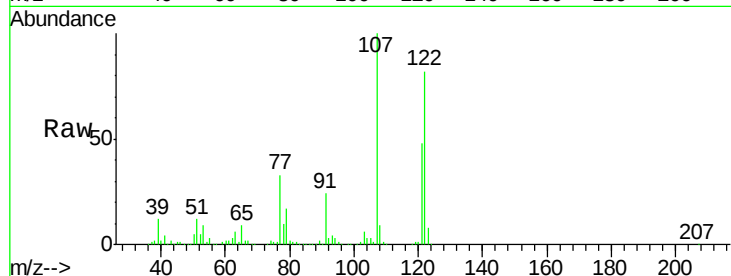
ClientSampleId :

SSTDIC080

Tot Ion:	122	Resp:	847766
Ion Ratio	Lower	Upper	
122	100		
107	122.0	97.5	146.3
121	58.3	45.3	67.9

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#28

bis(2-Chloroethoxy)methane

Concen: 77.17 ng

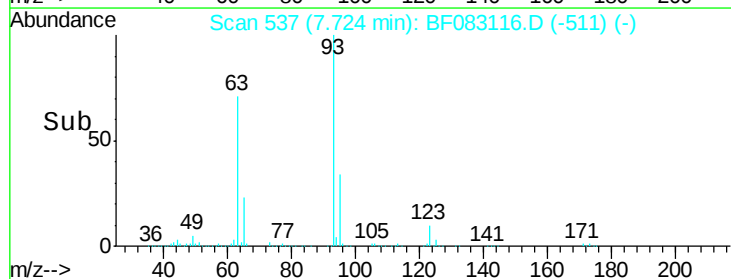
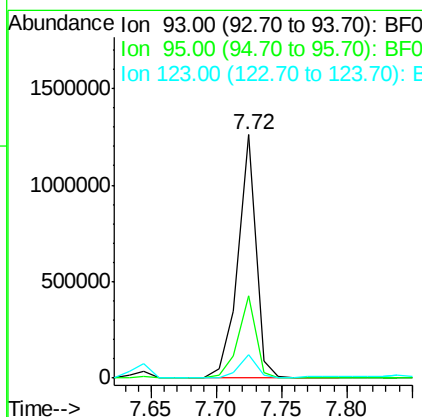
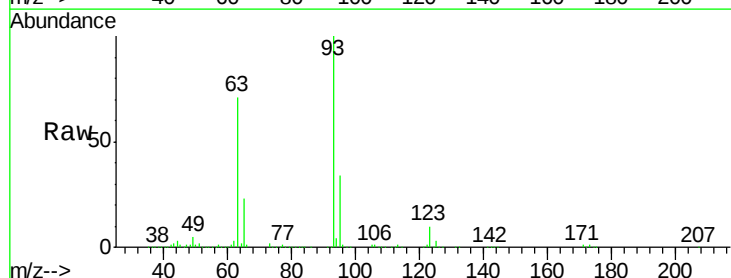
RT: 7.72 min Scan# 537

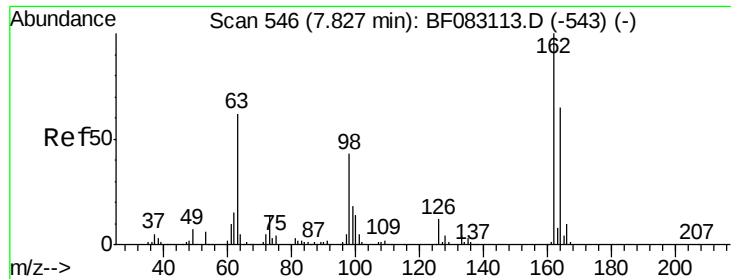
Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tgt Ion:	93	Resp:	1197953
Ion Ratio	Lower	Upper	
93	100		
95	34.0	26.2	39.2
123	9.9	8.5	12.7





#29

2,4-Dichlorophenol

Concen: 71.36 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

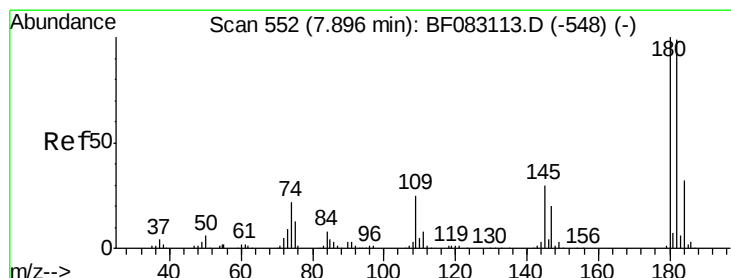
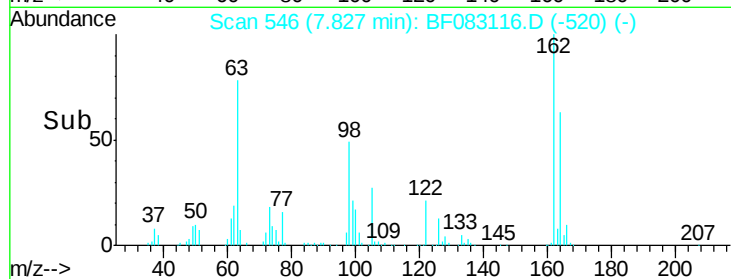
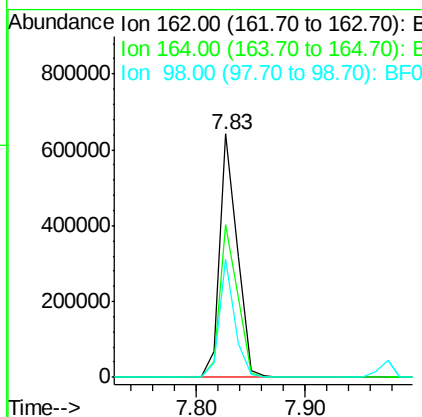
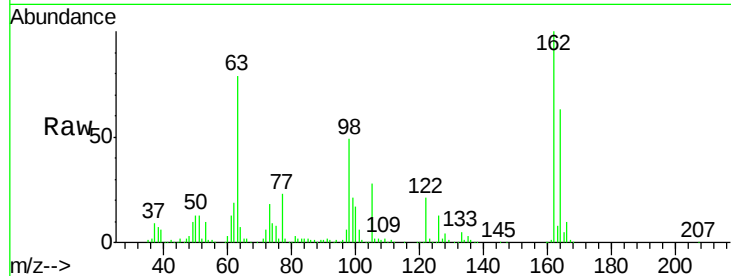
ClientSampleId :

SSTDIC080

Tot Ion:	162	Resp:	721159
Ion Ratio	Lower	Upper	
162	100		
164	62.9	44.1	84.1
98	48.7	21.6	61.6

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 75.63 ng

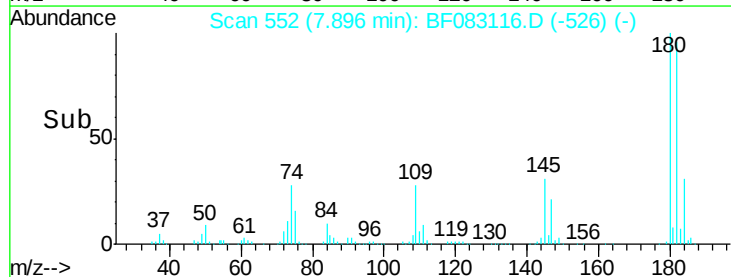
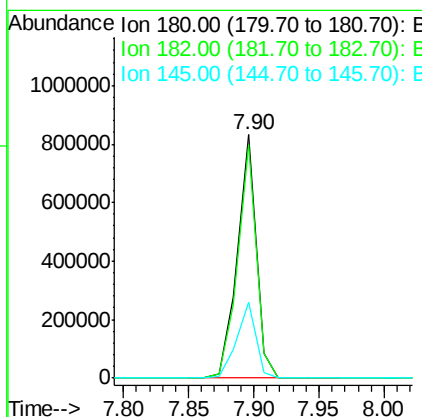
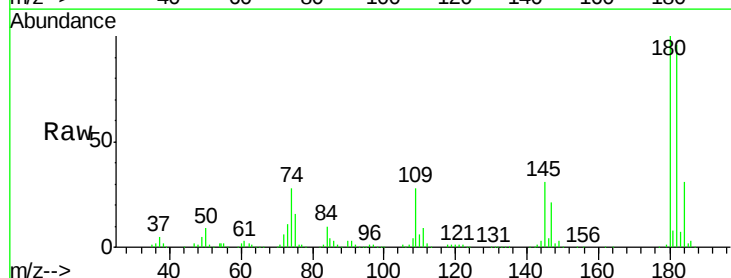
RT: 7.90 min Scan# 552

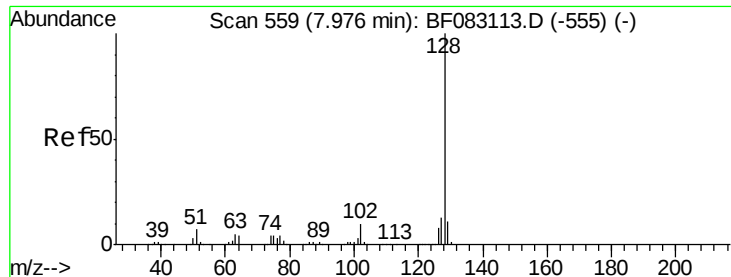
Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tgt Ion:	180	Resp:	831708
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.2	114.4
145	31.0	24.0	36.0





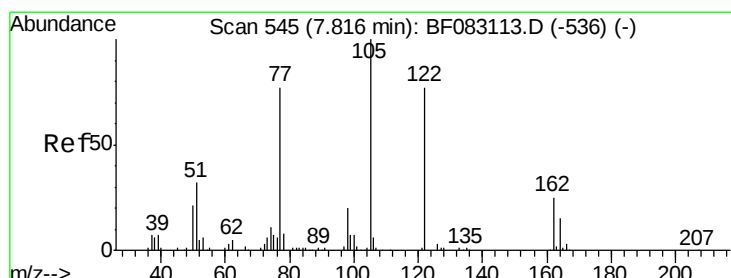
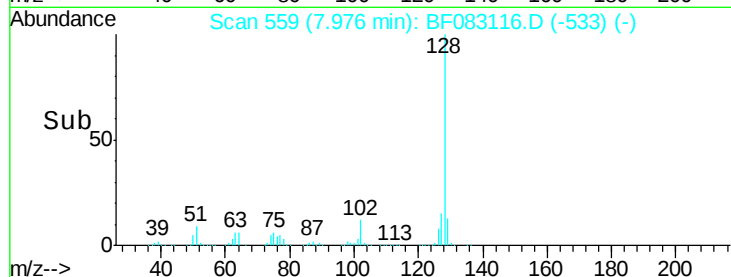
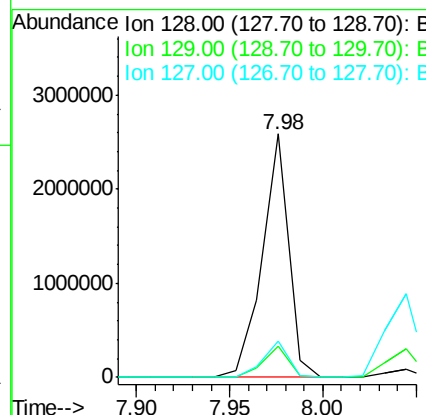
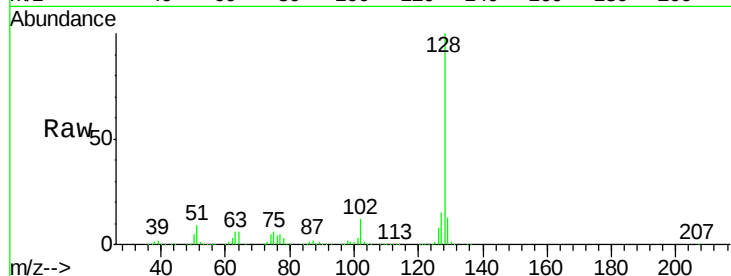
#31
Naphthalene
Concen: 73.93 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.0	13.4
127	14.7	10.9	16.3

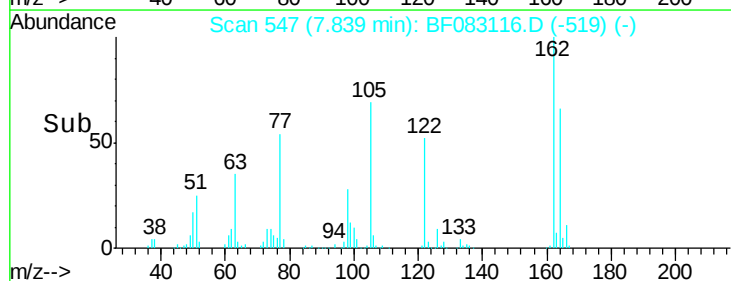
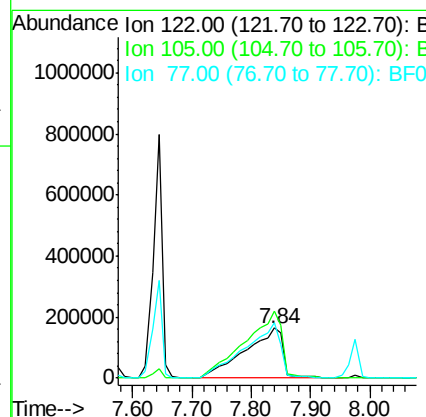
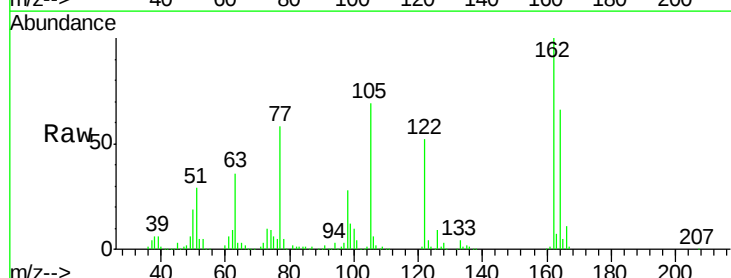
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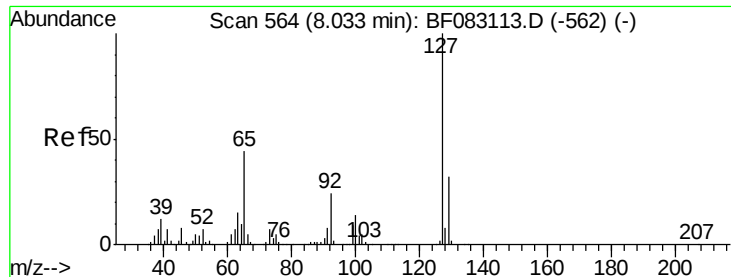
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#32
Benzoic acid
Concen: 85.94 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.02 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	115.0	155.0
77	112.0	89.0	129.0





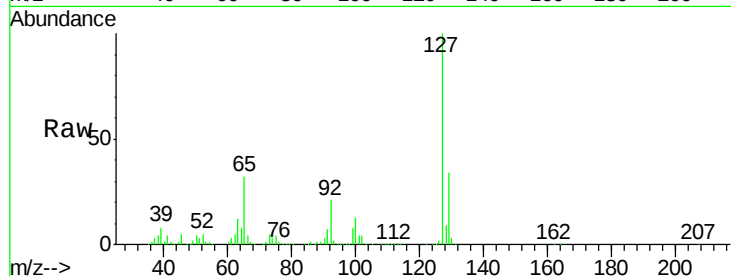
#33
4-Chloroaniline
Concen: 79.65 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

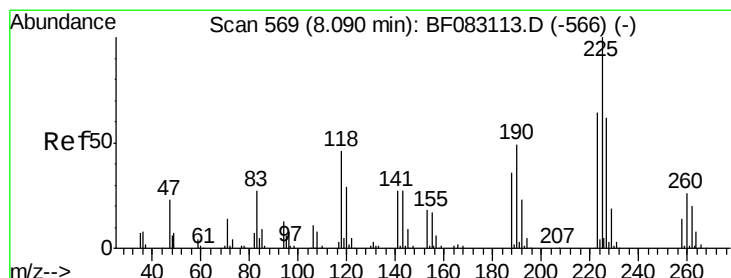
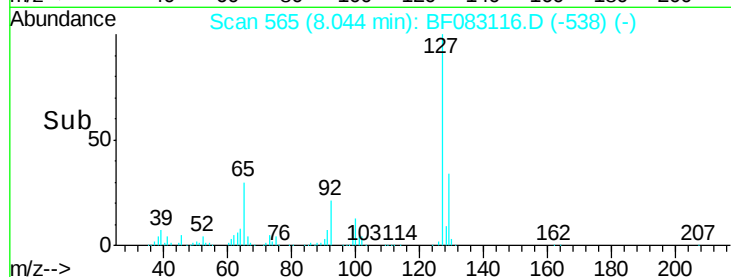
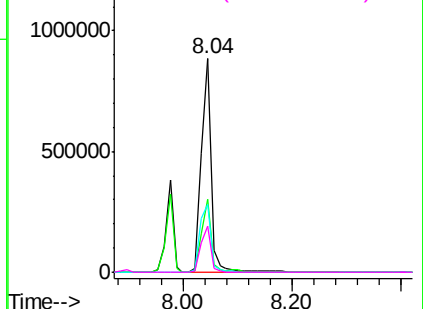
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	26.1	39.1		
65	32.0	34.4	51.6		
92	21.4	19.5	29.3		

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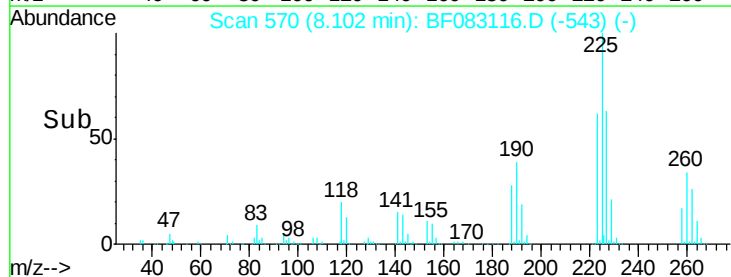
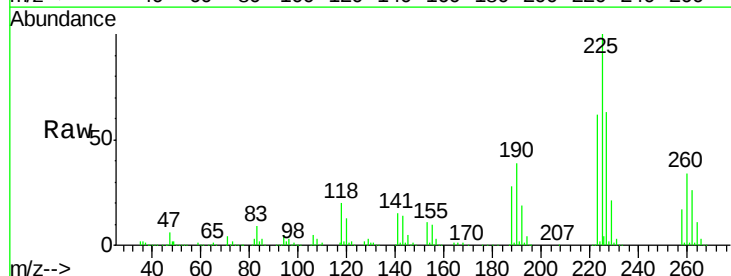
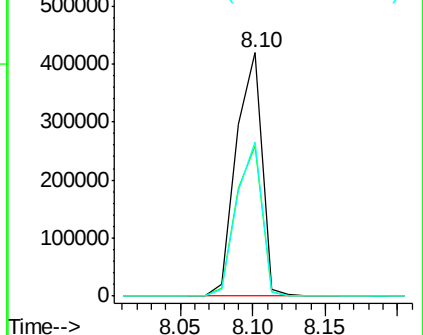
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 79.18 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	49.8	74.6		
227	63.1	50.6	76.0		

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





#35

Caprolactam

Concen: 86.60 ng

RT: 8.50 min Scan# 605

Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

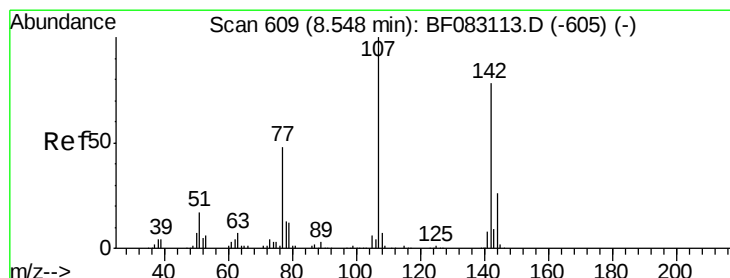
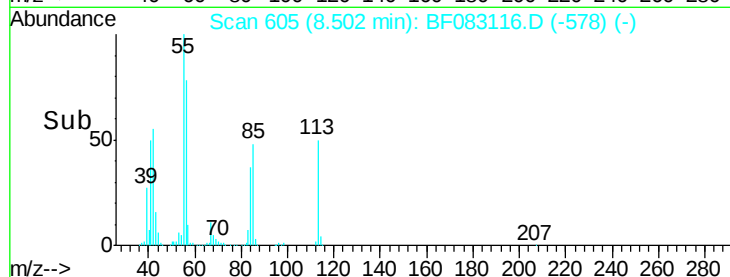
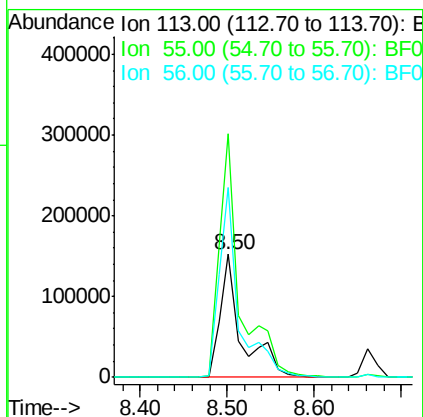
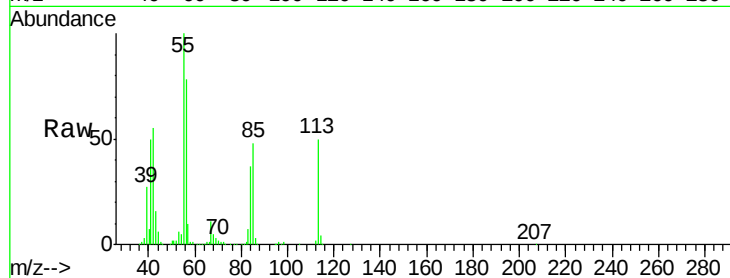
ClientSampleId :

SSTDIC080

Tot Ion:	113	Resp:	267318
Ion Ratio	Lower	Upper	
113	100		
55	198.5	189.1	229.1
56	155.2	137.9	177.9

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#36

4-Chloro-3-methylphenol

Concen: 71.17 ng

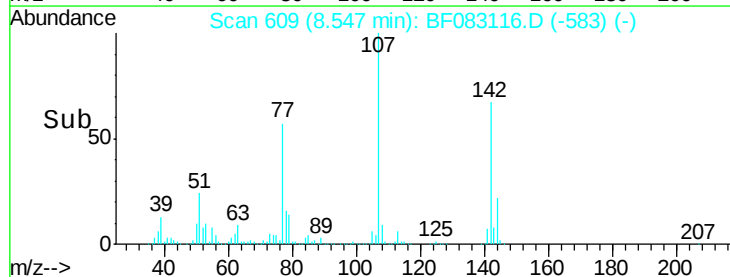
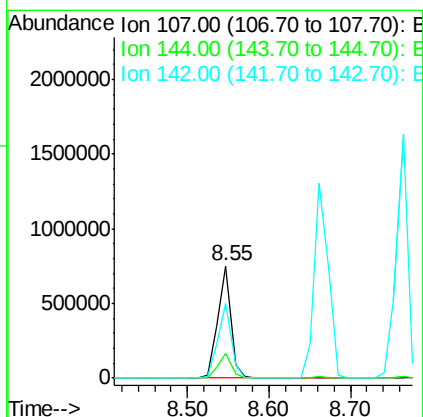
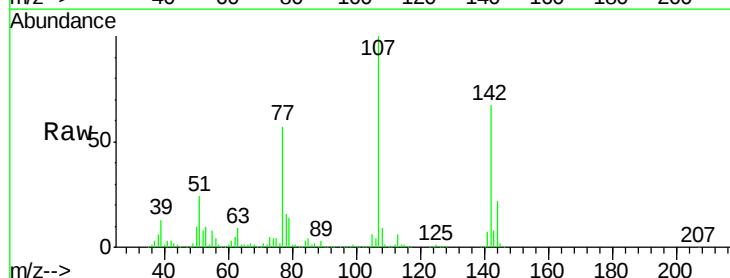
RT: 8.55 min Scan# 609

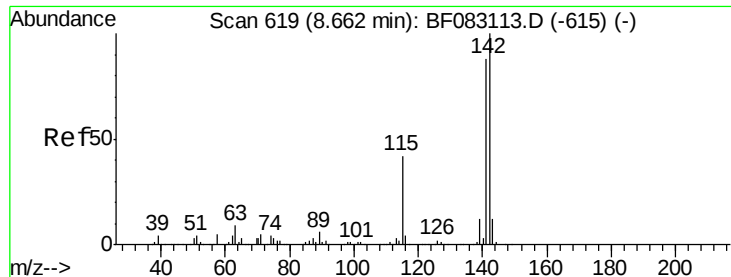
Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tgt Ion:	107	Resp:	832443
Ion Ratio	Lower	Upper	
107	100		
144	21.7	20.0	30.0
142	67.0	61.3	91.9





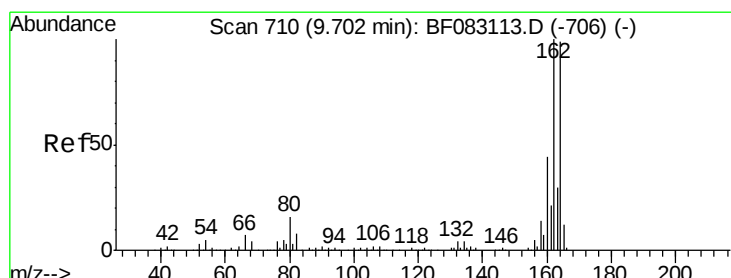
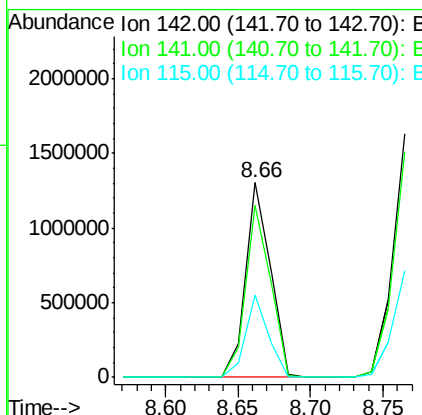
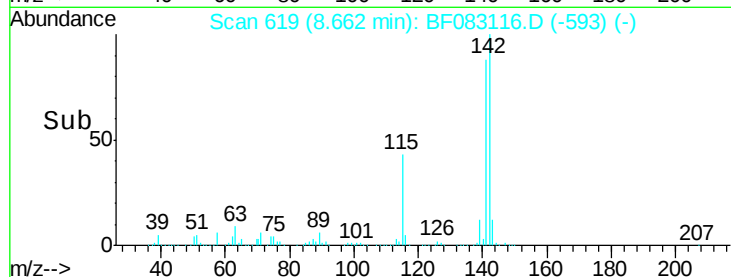
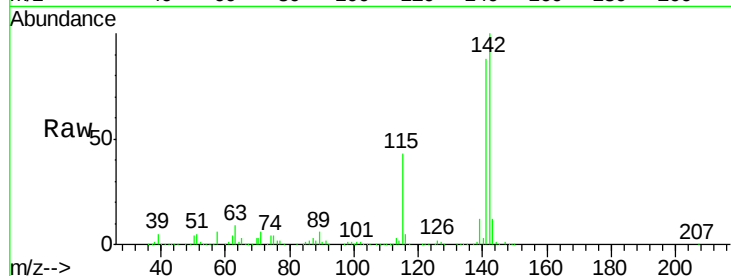
#37
2-Methylnaphthalene
Concen: 70.26 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:142 Resp: 1545603
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1
115 42.6 33.1 49.7

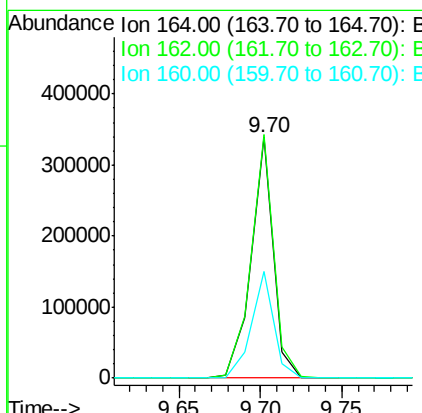
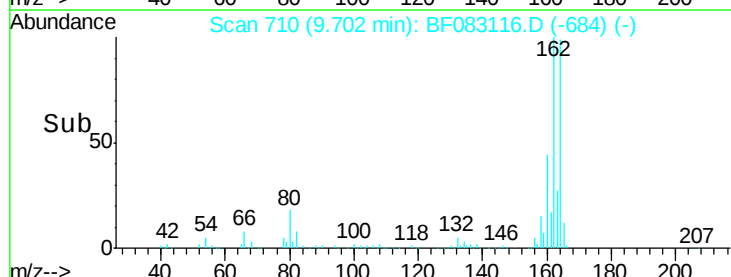
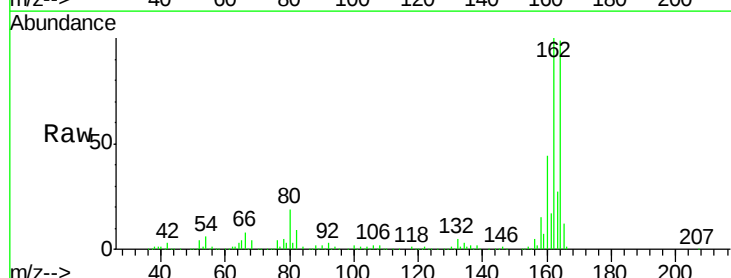
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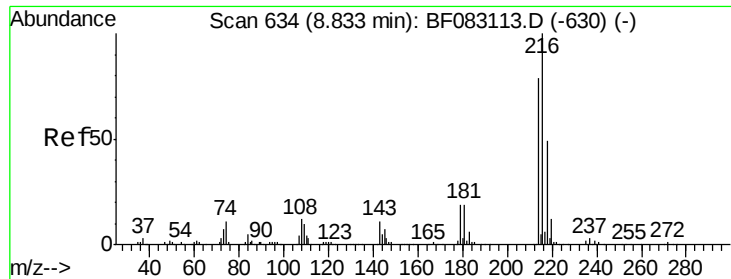
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion:164 Resp: 319869
Ion Ratio Lower Upper
164 100
162 101.2 80.5 120.7
160 44.3 35.0 52.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 77.72 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF083116.D

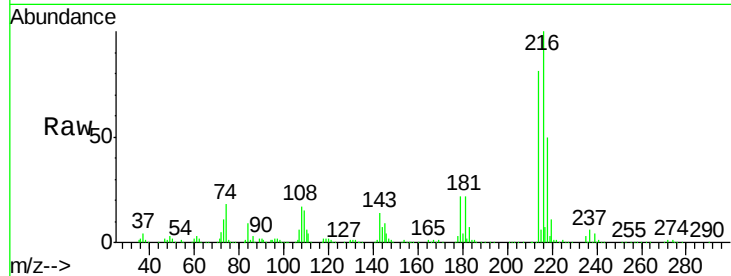
Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

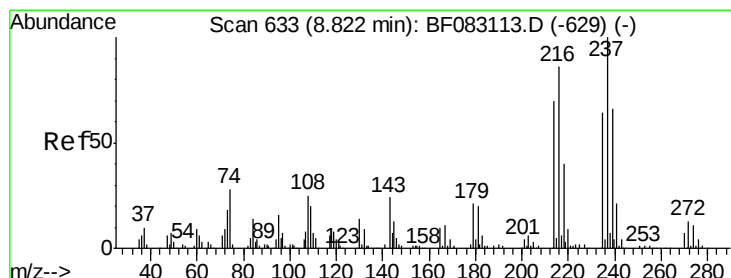
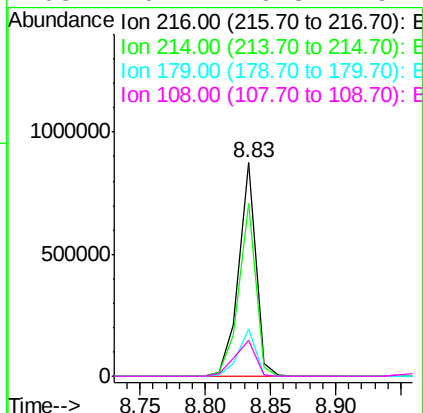
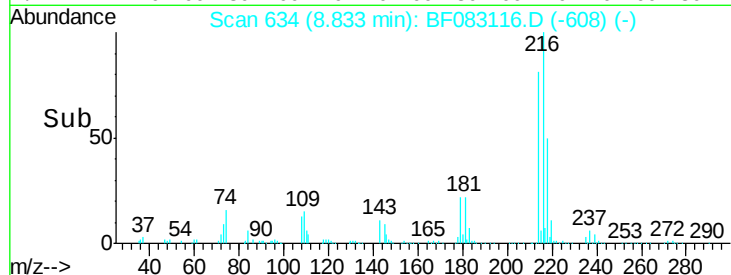
SSTDICC080



Tot Ion	Ion	Ratio	Resp	Lower	Upper
797585	216	100			
	214	80.3		64.6	97.0
	179	22.2		17.8	26.6
	108	20.7		16.8	25.2

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#40

Hexachlorocyclopentadiene

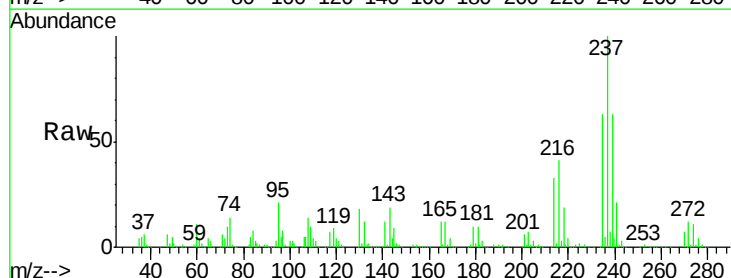
Concen: 81.03 ng

RT: 8.82 min Scan# 633

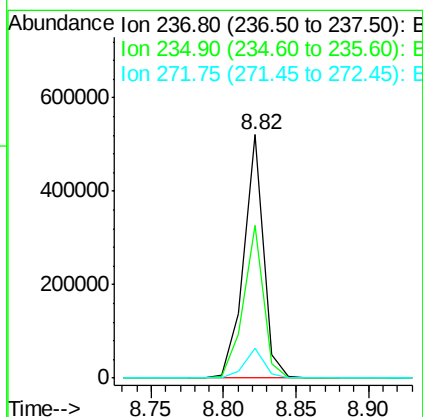
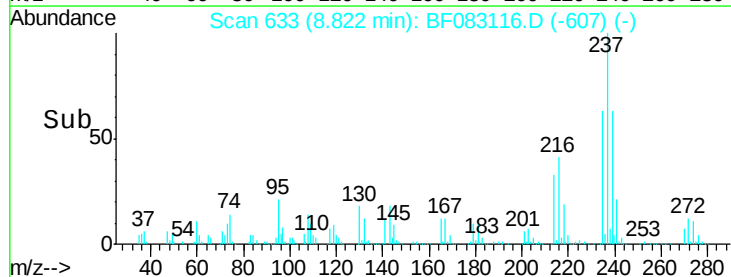
Delta R.T. -0.00 min

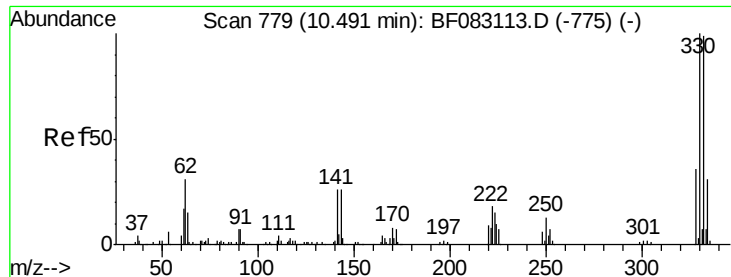
Lab File: BF083116.D

Acq: 21 Nov 2015 16:24



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
493419	237	100			
	235	63.0		44.1	84.1
	272	12.3		0.0	30.9





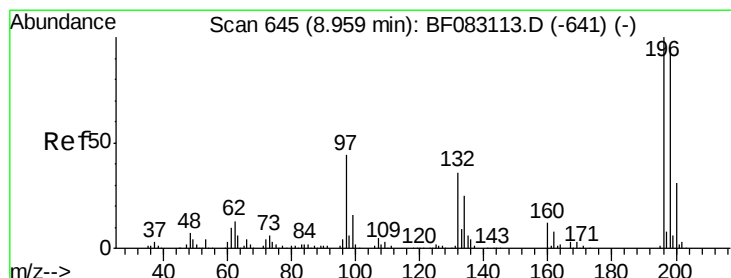
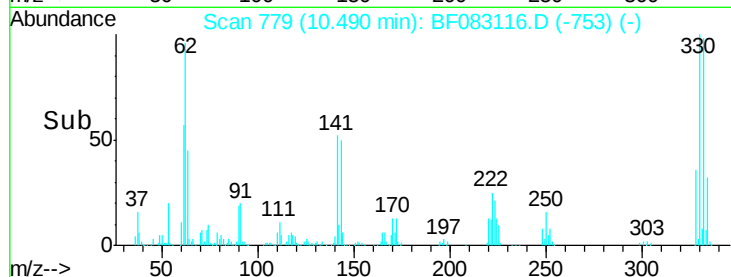
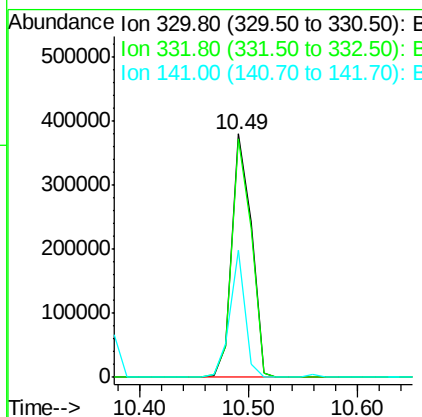
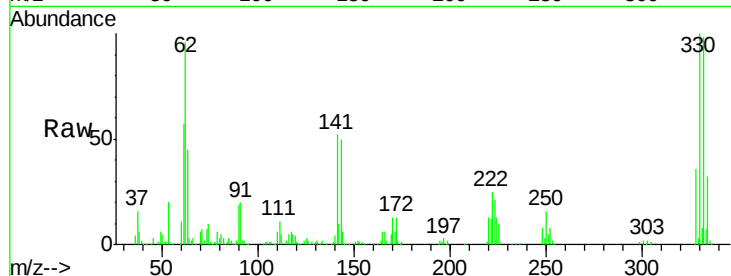
#41
 2,4,6-Tribromophenol
 Concen: 145.10 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	469590		
332	97.3		77.6	116.4
141	40.8		34.6	52.0

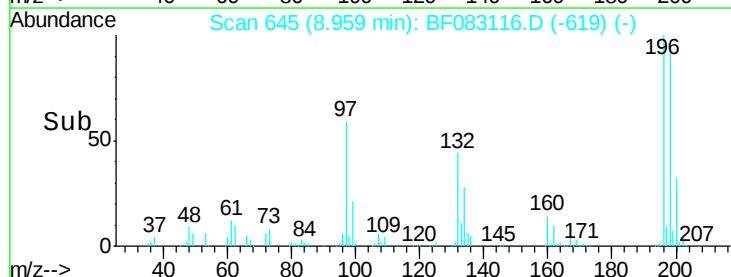
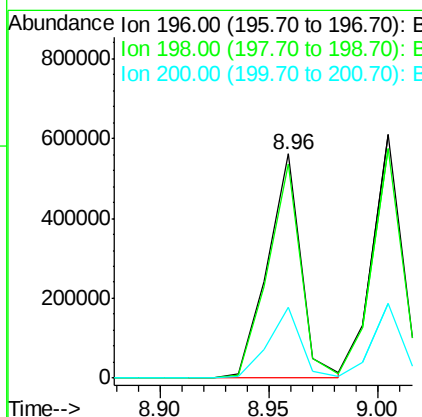
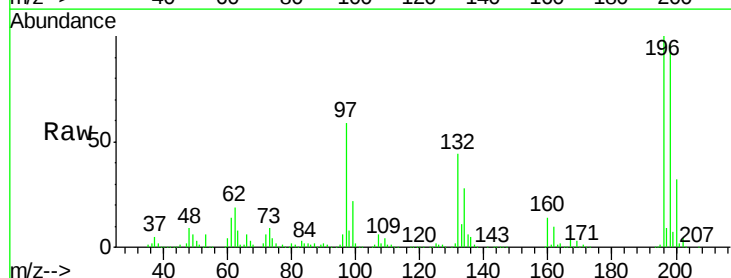
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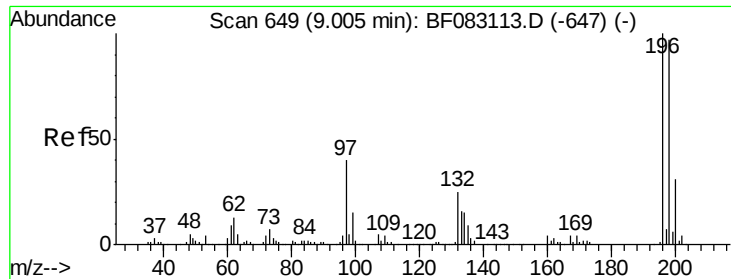
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#42
 2,4,6-Trichlorophenol
 Concen: 80.91 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	600485		
198	95.7		75.9	113.9
200	31.7		24.0	36.0





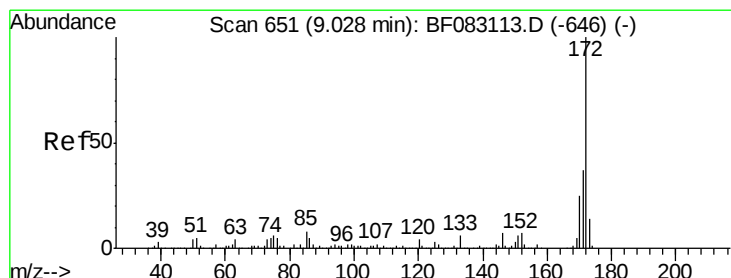
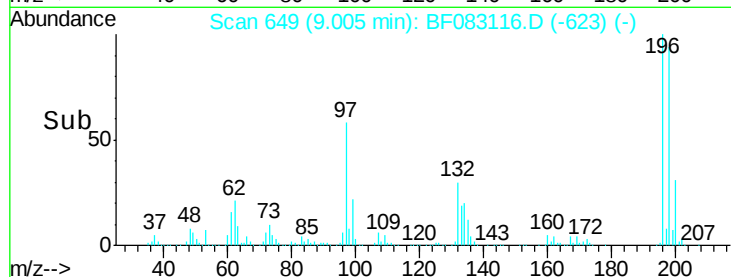
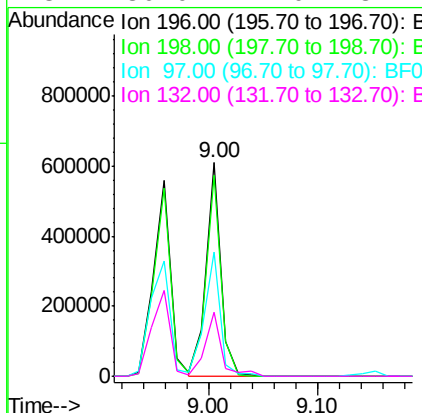
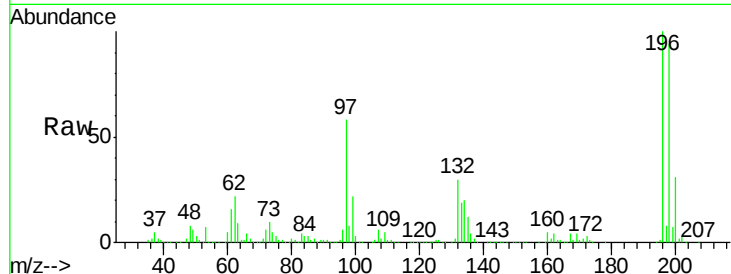
#43
 2,4,5-Trichlorophenol
 Concen: 77.48 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	586418		
198	94.1	77.8	116.6	
97	58.3	37.1	55.7#	
132	30.0	21.0	31.4	

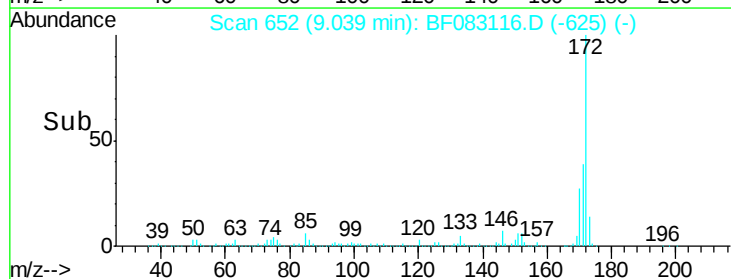
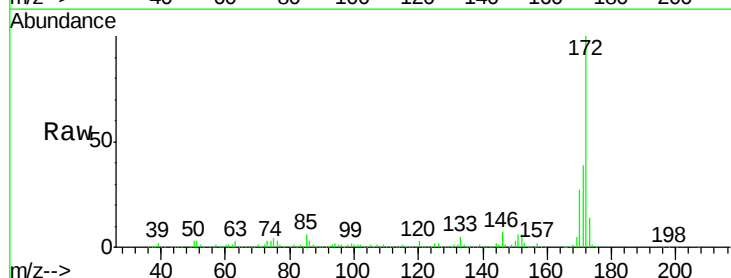
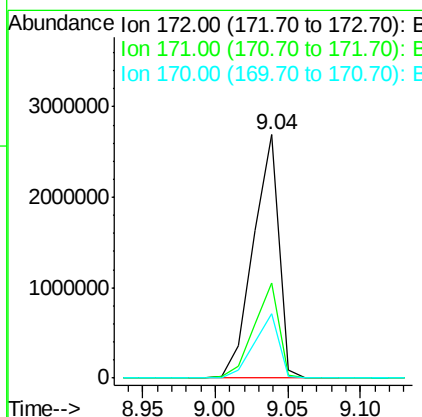
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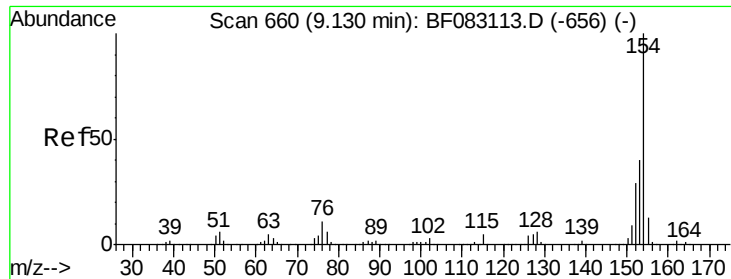
Mmdadoda
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#44
 2-Fluorobiphenyl
 Concen: 150.14 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3293059		
171	39.0	28.2	42.4	
170	26.7	19.4	29.0	





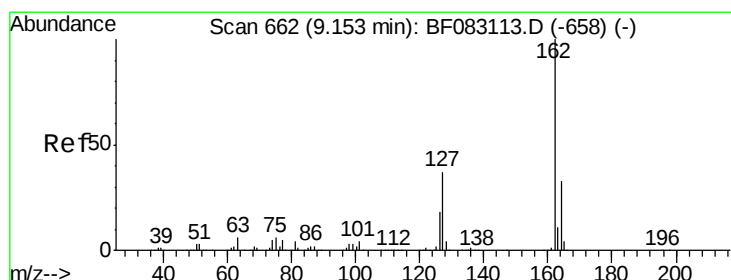
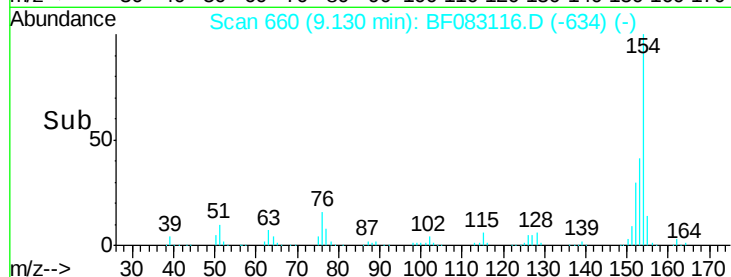
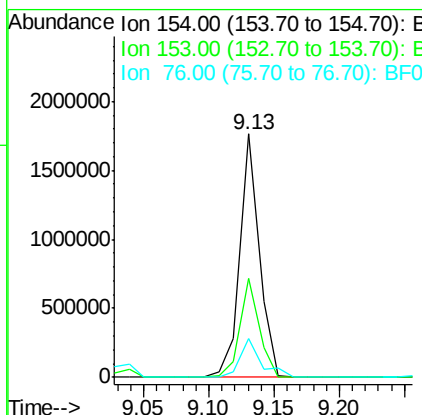
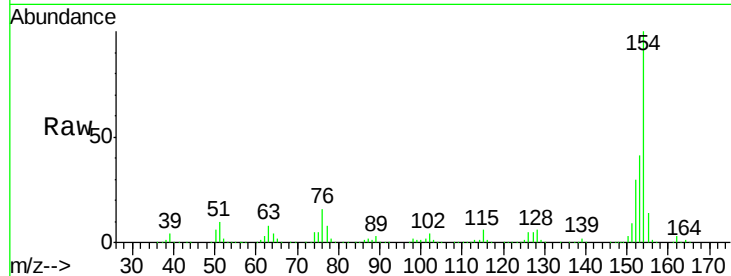
#45
1,1'-Biphenyl
Concen: 68.16 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:154 Resp: 1815588
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 15.9 0.0 34.0

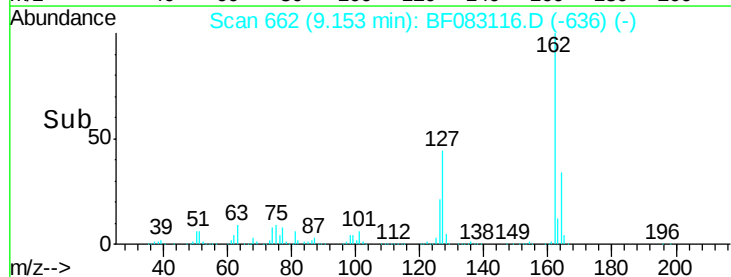
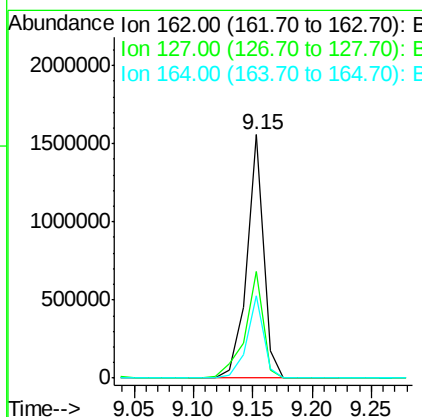
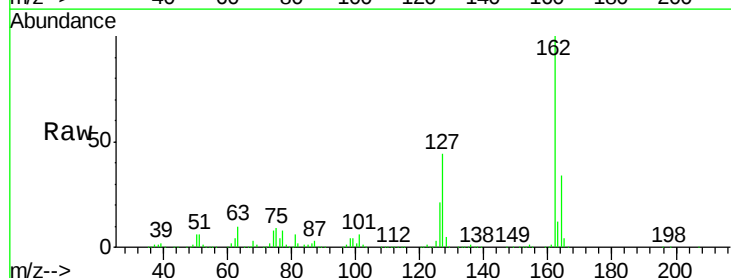
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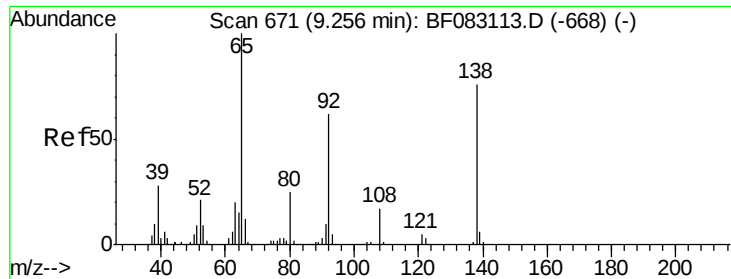
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#46
2-Chloronaphthalene
Concen: 73.57 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion:162 Resp: 1541379
Ion Ratio Lower Upper
162 100
127 43.6 32.8 49.2
164 34.0 26.9 40.3





#47

2-Nitroaniline

Concen: 86.92 ng

RT: 9.27 min Scan# 672

Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

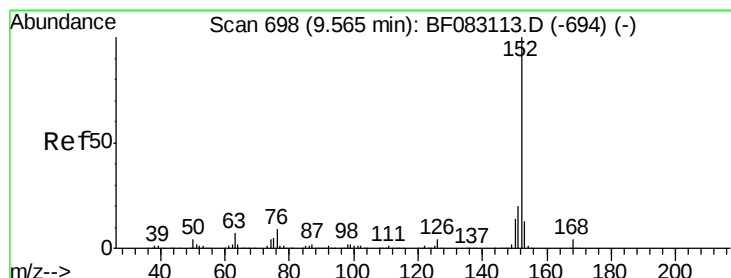
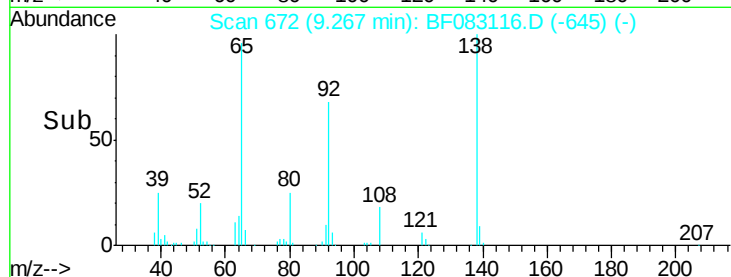
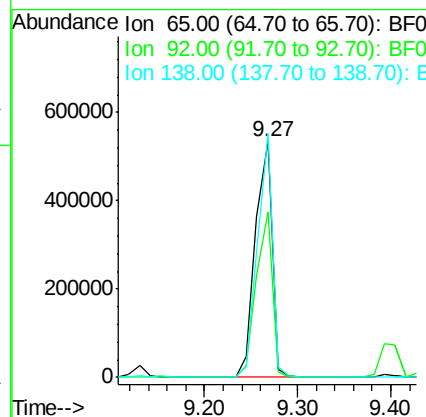
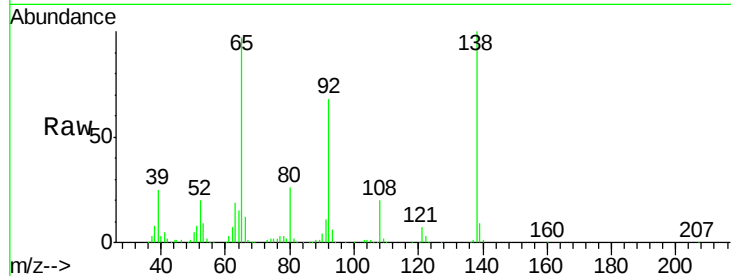
SSTDICC080

Tot Ion: 65 Resp: 666317
Ion Ratio Lower Upper

65	100		
92	70.2	49.6	74.4
138	103.4	58.8	88.2

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#48

Acenaphthylene

Concen: 70.98 ng

RT: 9.56 min Scan# 698

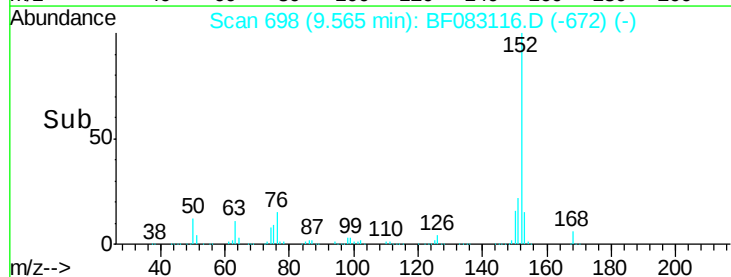
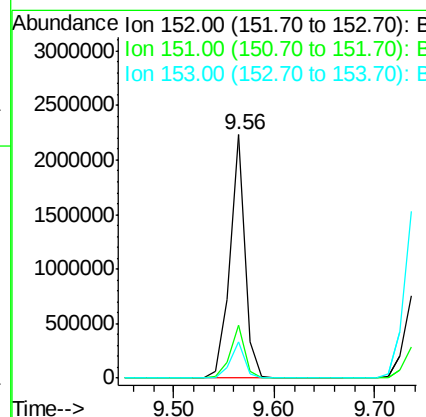
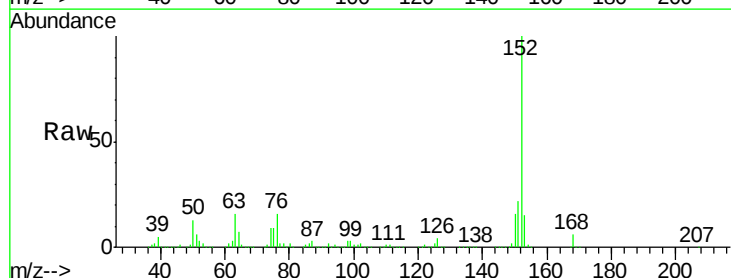
Delta R.T. -0.00 min

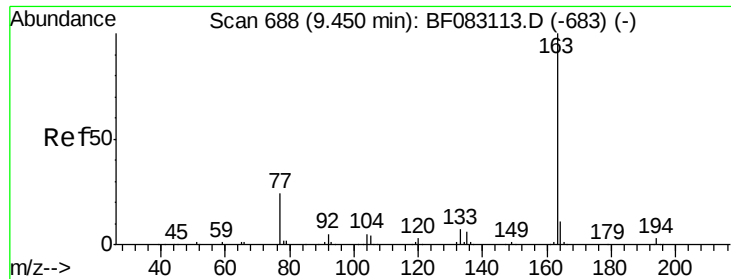
Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tgt Ion:152 Resp: 2305676
Ion Ratio Lower Upper

152	100		
151	21.8	16.2	24.2
153	14.7	10.6	15.8





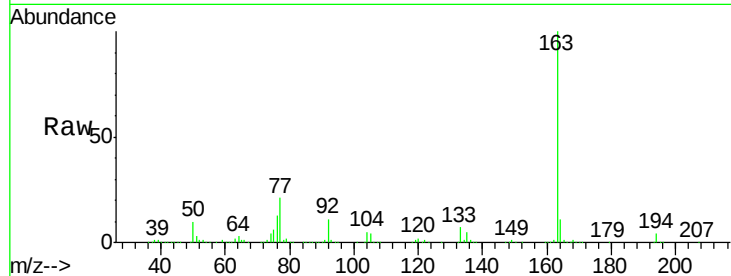
#49
Dimethylphthalate
Concen: 81.50 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

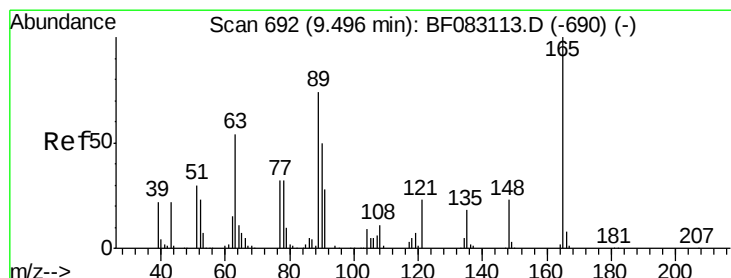
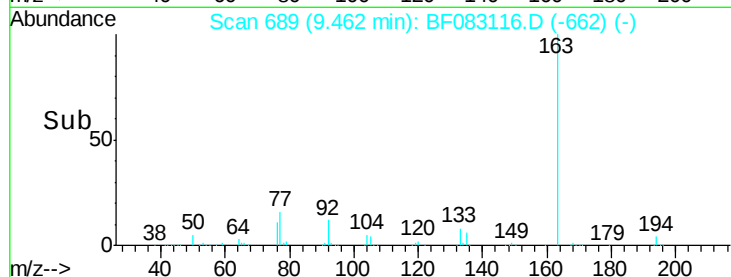
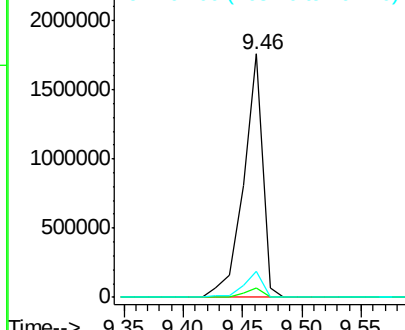
Tot Ion:163 Resp: 1966325
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 8.5 12.7

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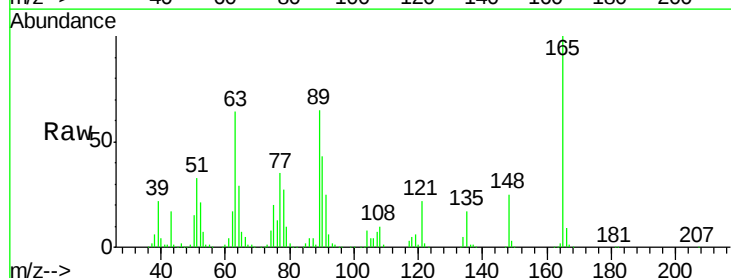


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

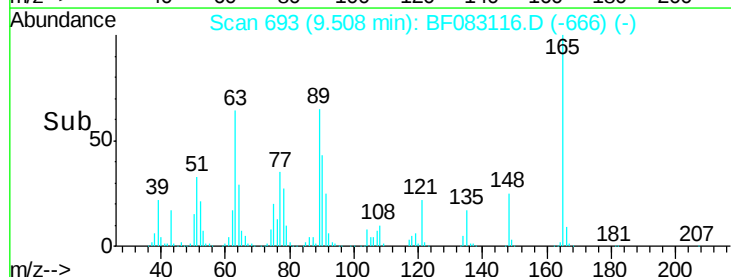
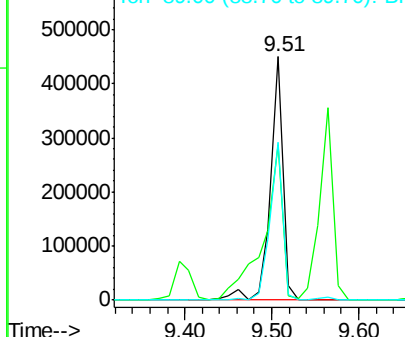


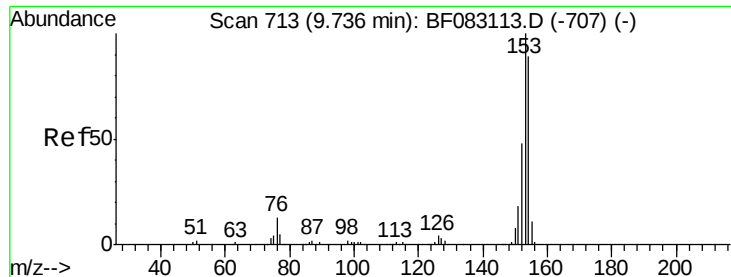
#50
2,6-Dinitrotoluene
Concen: 81.17 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion:165 Resp: 450491
Ion Ratio Lower Upper
165 100
63 63.5 40.6 61.0#
89 64.8 44.5 66.7



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





#51

Acenaphthene

Concen: 80.12 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1576430

Ion Ratio Lower Upper

154 100

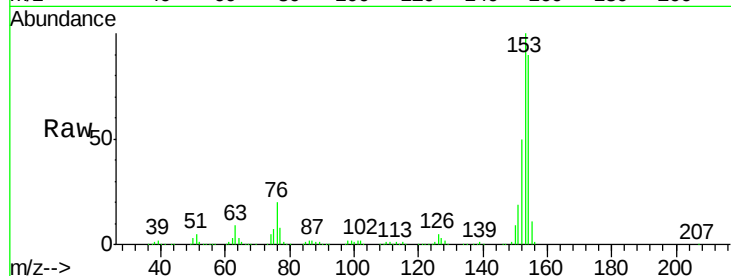
153 111.2 90.1 135.1

152 55.1 43.3 64.9

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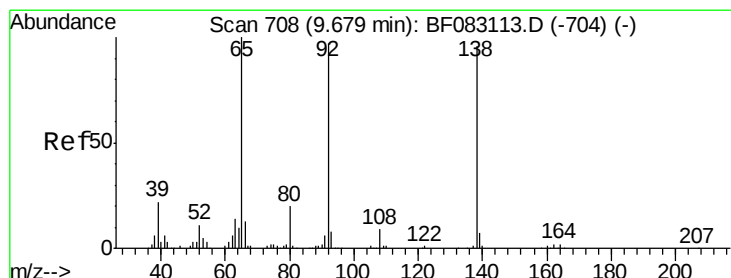
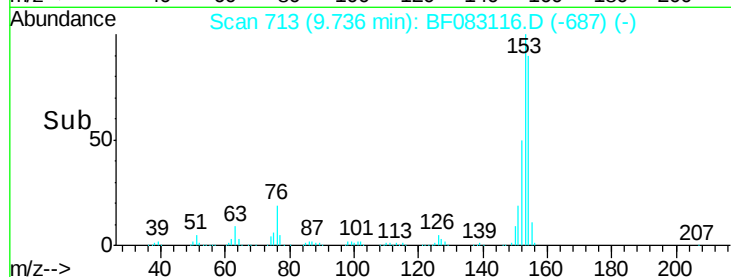
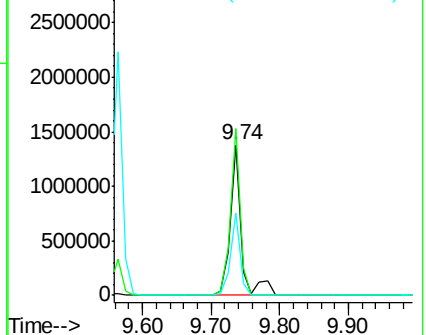
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 71.73 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

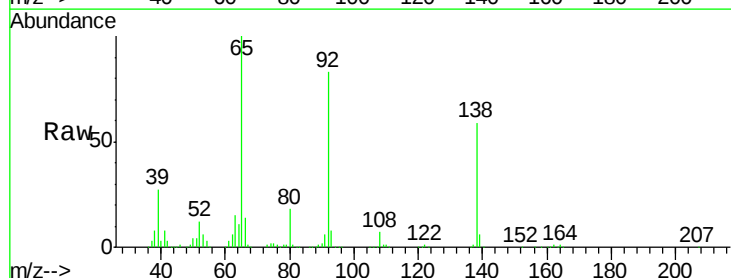
Tgt Ion:138 Resp: 435976

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.0

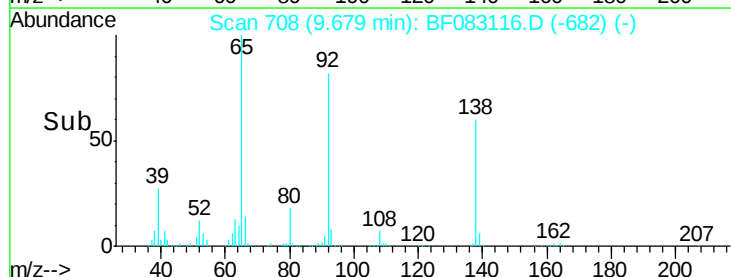
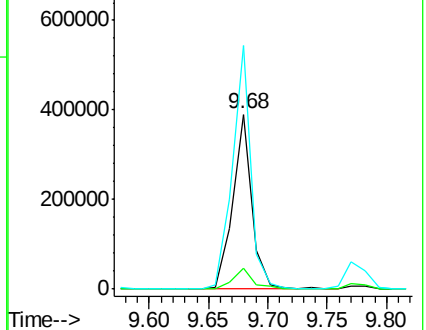
92 139.1 115.2 172.8

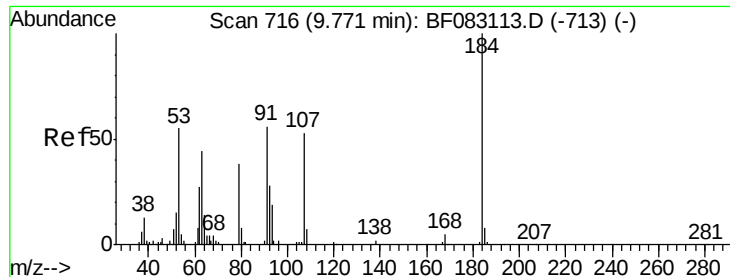


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





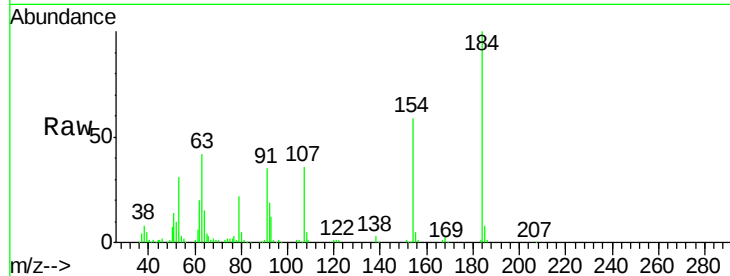
#53
2,4-Dinitrophenol
Concen: 89.04 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

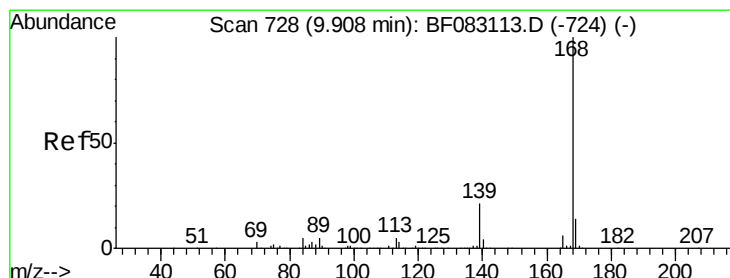
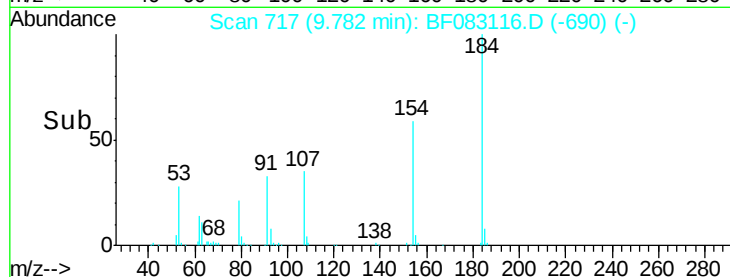
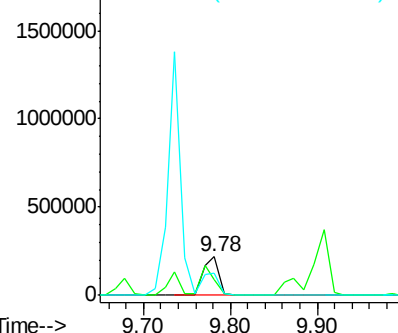
Tot Ion	Ratio	Resp	Lower	Upper
184	100	283445		
63	41.9		30.4	45.6
154	59.0		44.9	67.3

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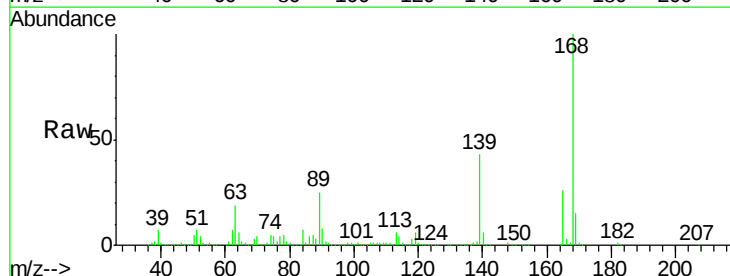


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

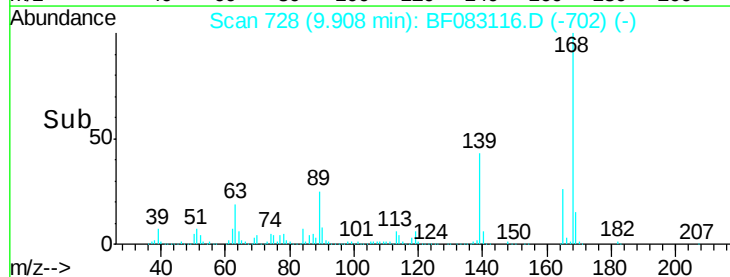
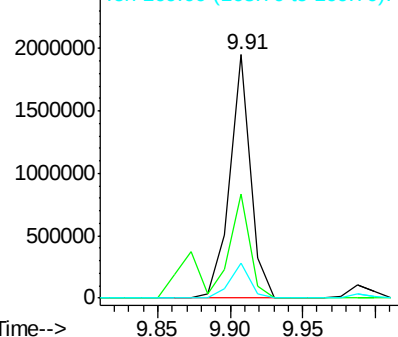


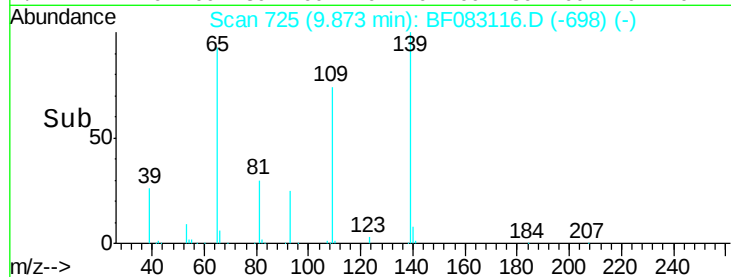
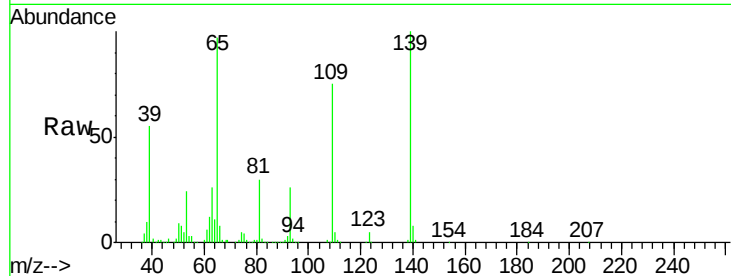
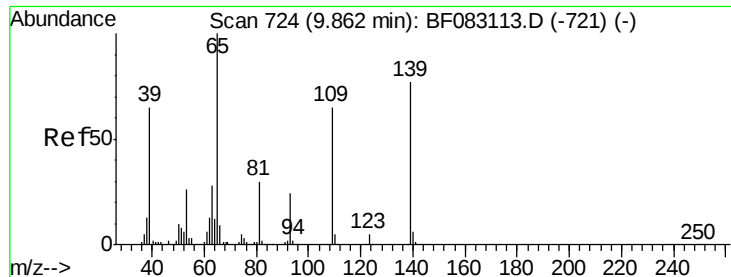
#54
Dibenzofuran
Concen: 69.80 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1932695		
139	42.7		33.5	50.3
169	14.6		11.2	16.8



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





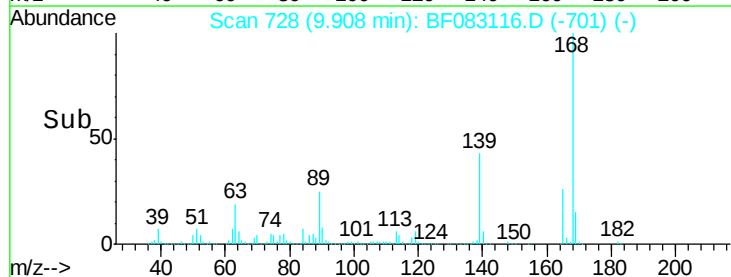
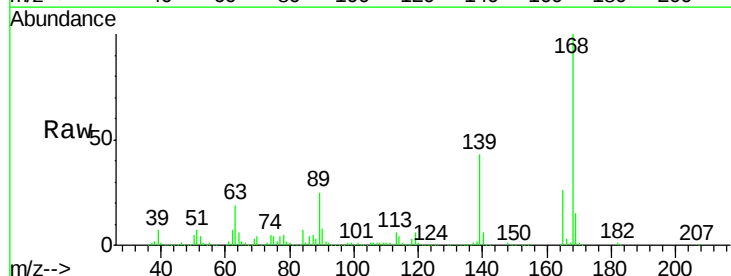
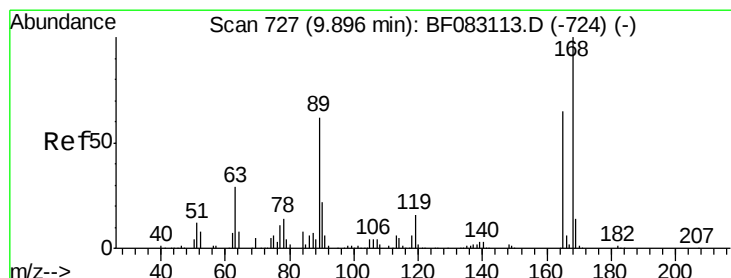
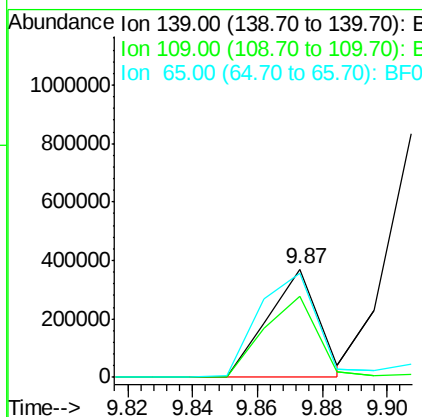
#55
4-Nitrophenol
Concen: 90.58 ng/mL
RT: 9.87 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tot Ion	Ratio	Resp	Lower	Upper
139	100	409214		
109	75.3	54.6	94.6	
65	96.8	74.4	114.4	

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

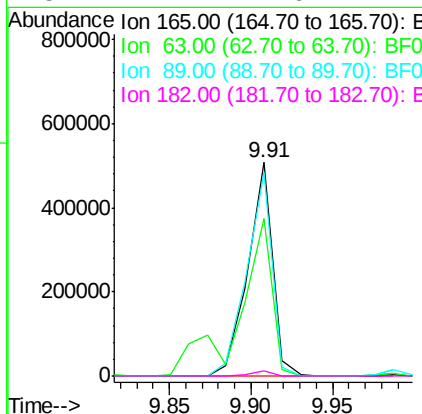
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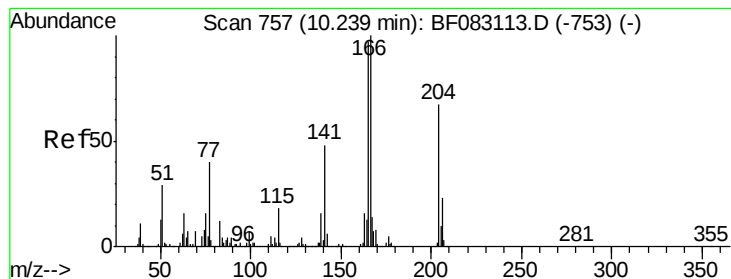
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#56
2,4-Dinitrotoluene
Concen: 76.05 ng/mL
RT: 9.91 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	532398		
63	73.9	40.6	61.0#	
89	95.3	64.4	96.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 74.86 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:166 Resp: 1712766

Ion Ratio Lower Upper

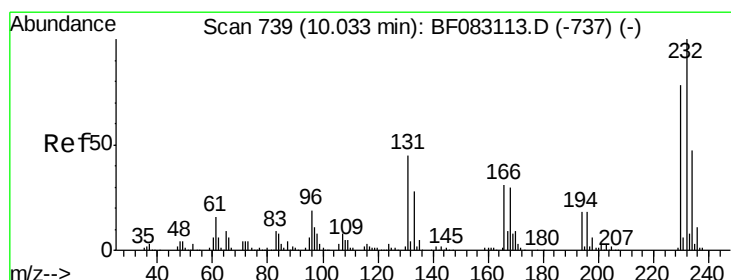
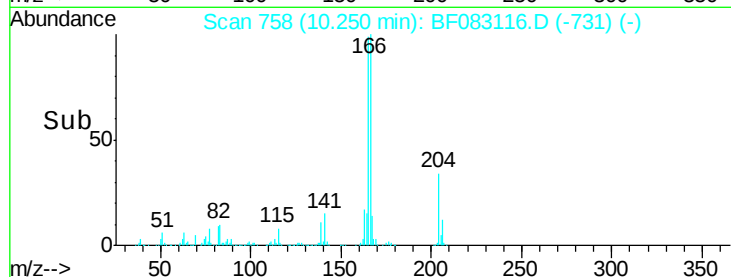
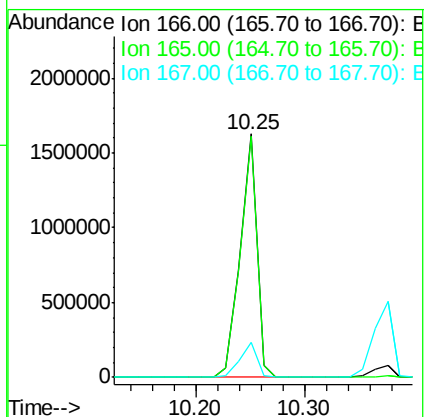
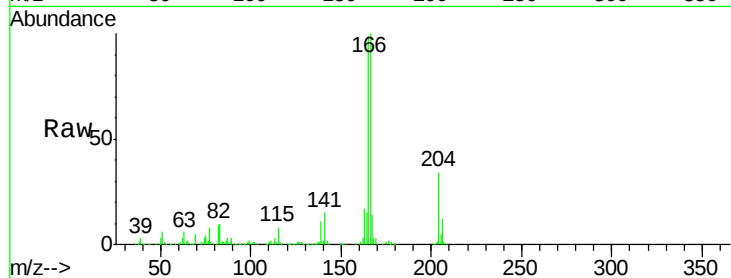
166 100

165 98.8 77.1 115.7

167 14.2 11.0 16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 72.44 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tgt Ion:232 Resp: 449122

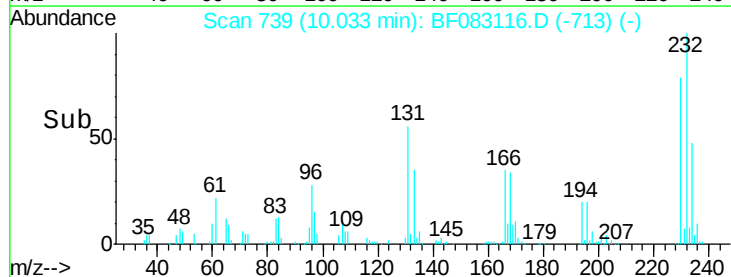
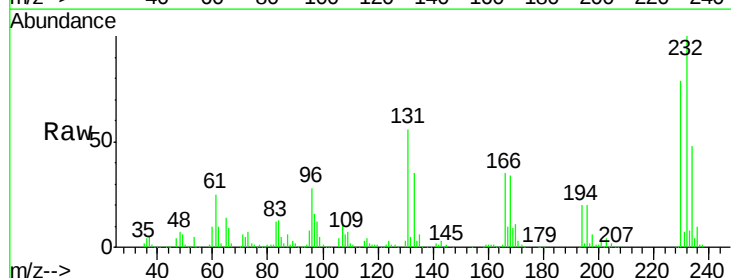
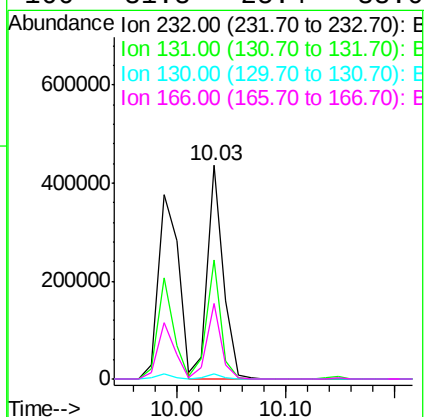
Ion Ratio Lower Upper

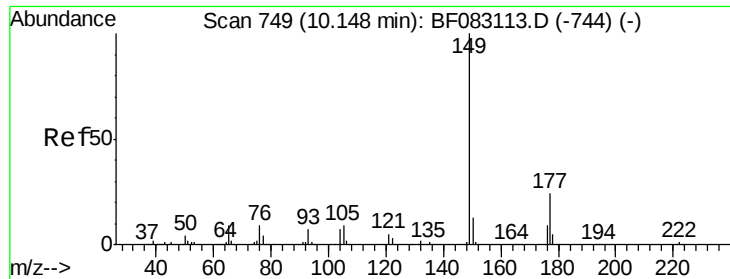
232 100

131 49.4 36.5 54.7

130 2.3 1.8 2.6

166 31.8 25.4 38.0





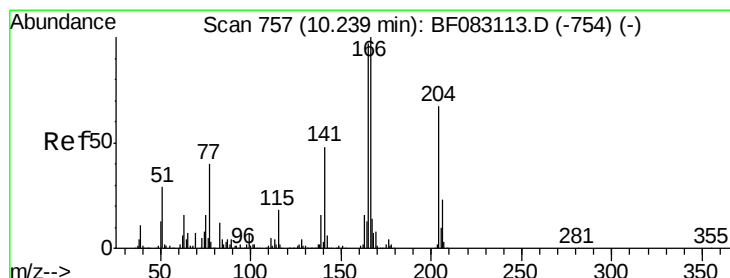
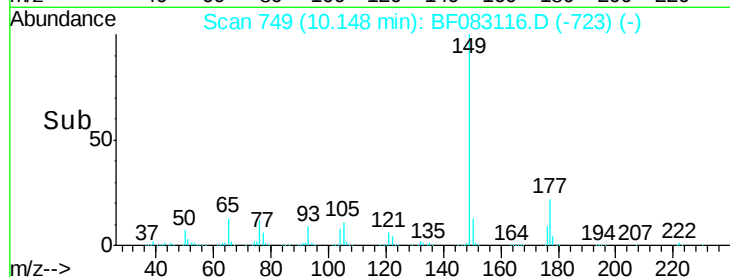
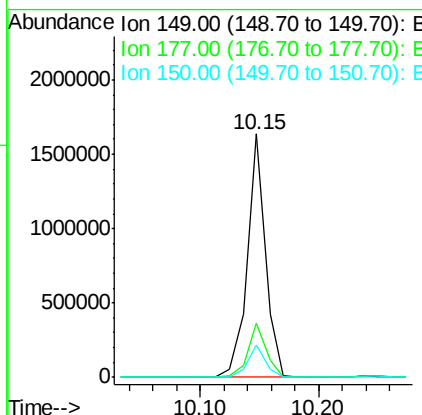
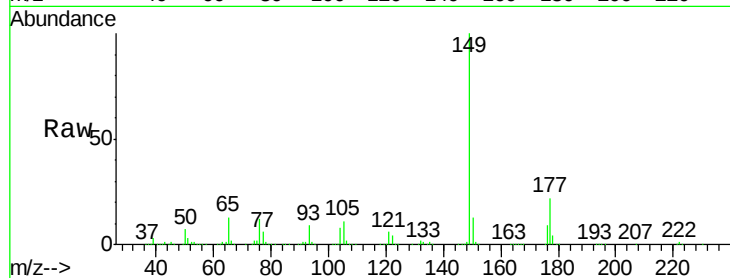
#59
Diethylphthalate
Concen: 72.75 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.4	26.2
150	13.5	10.2	15.2

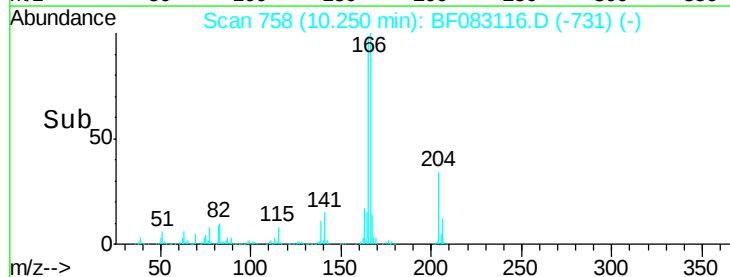
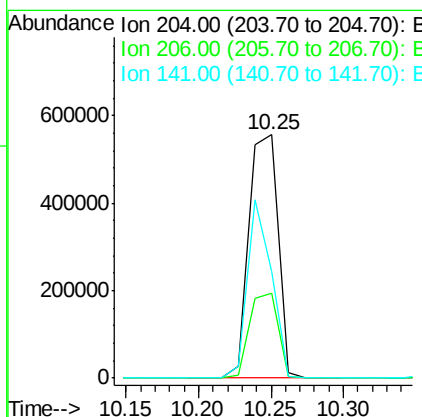
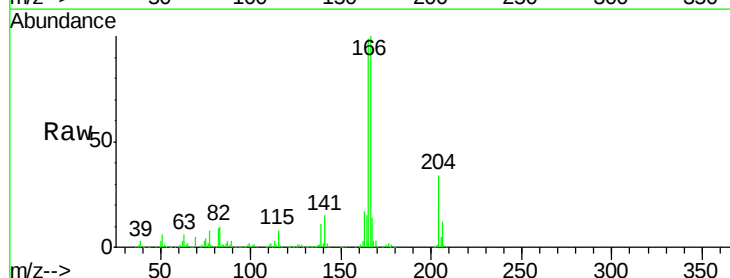
Manual Integrations
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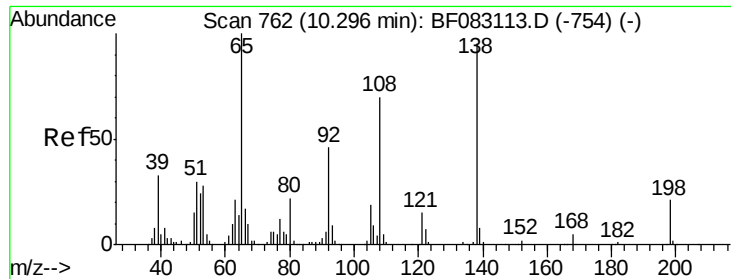
Mmdadoda
11/23/2015 7:01:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 74.41 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.2	42.4
141	44.0	41.8	62.8





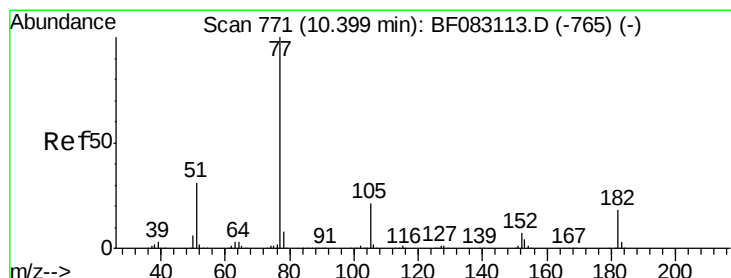
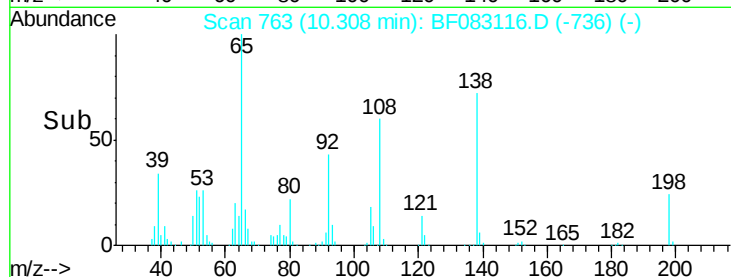
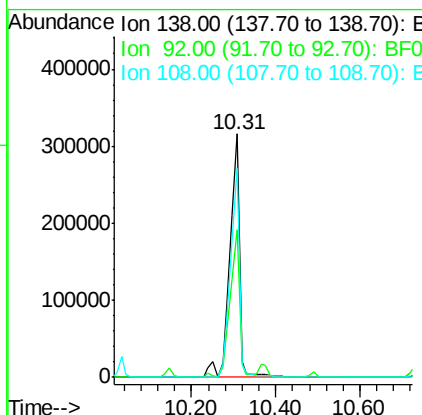
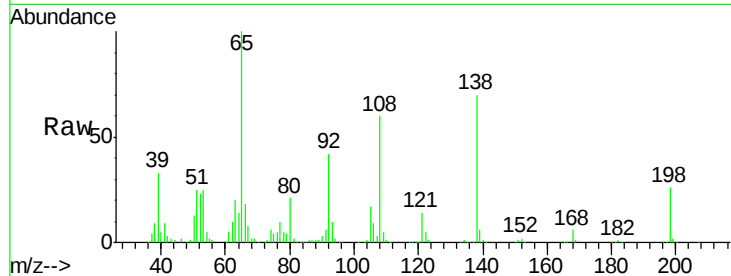
#61
4-Nitroaniline
Concen: 84.03 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.5	36.4	76.4
108	85.6	59.6	99.6

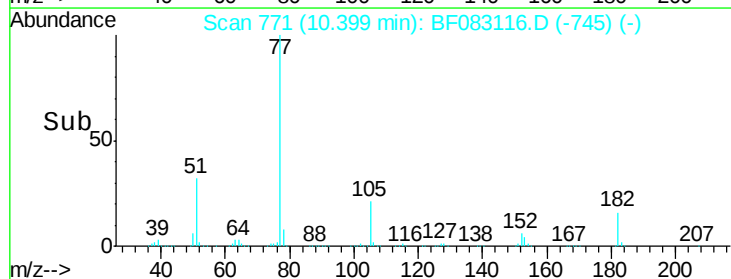
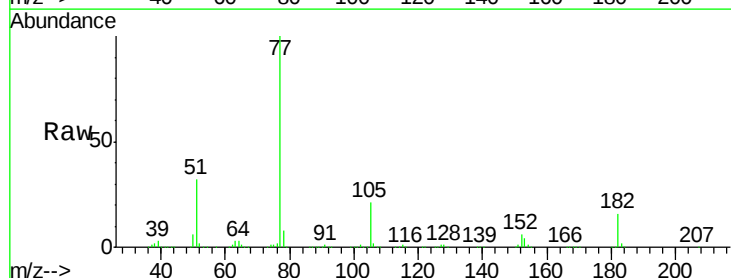
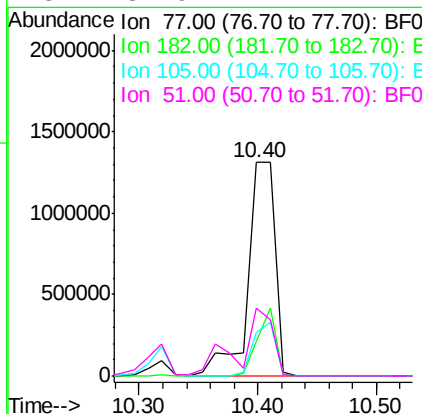
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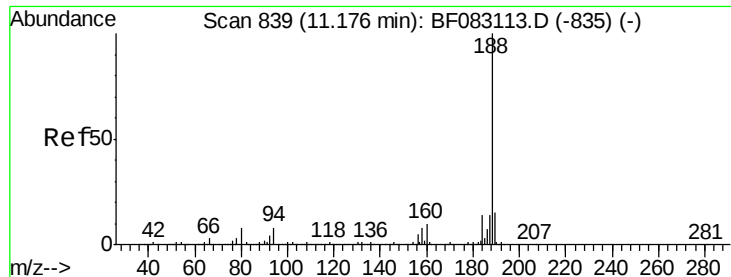
Mmdadoda
11/23/2015 7:01:24 PM



#62
Azobenzene
Concen: 77.06 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.0	10.8	50.8
105	20.6	3.4	43.4
51	31.9	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: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

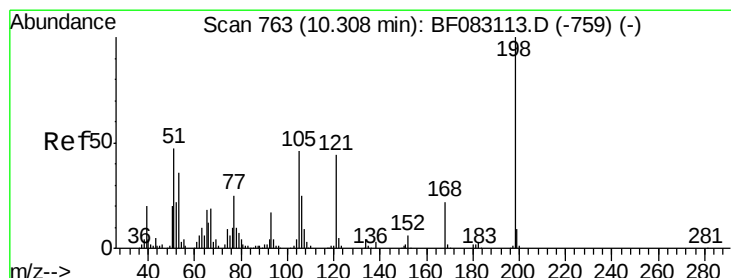
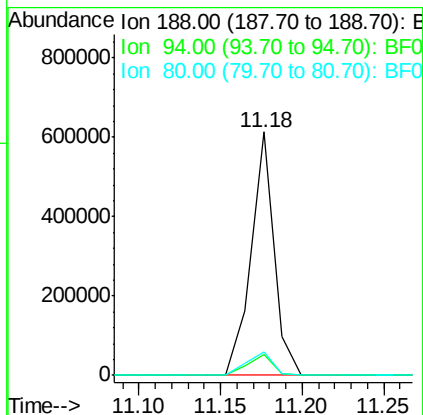
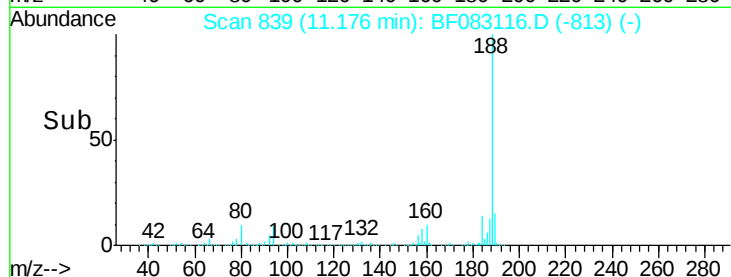
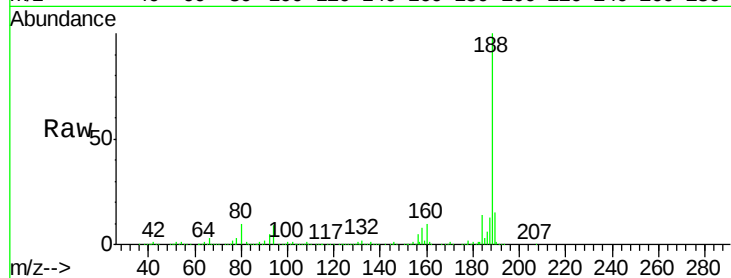
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
188	100	602552		
94	8.8	9.0	13.4#	
80	9.7	10.2	15.4#	

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 86.90 ng

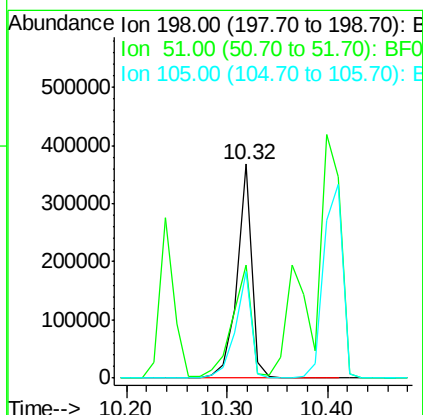
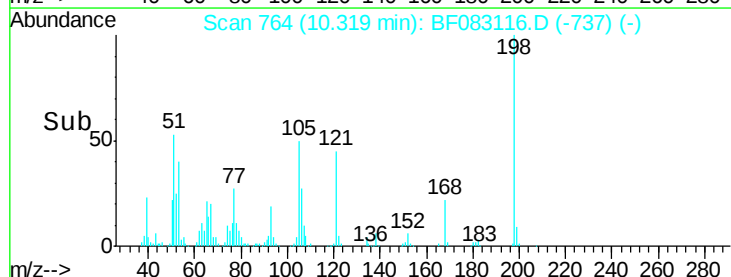
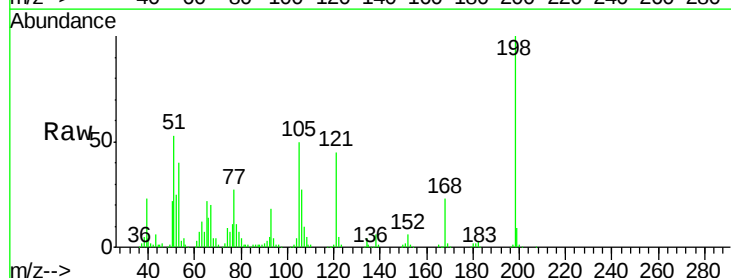
RT: 10.32 min Scan# 764

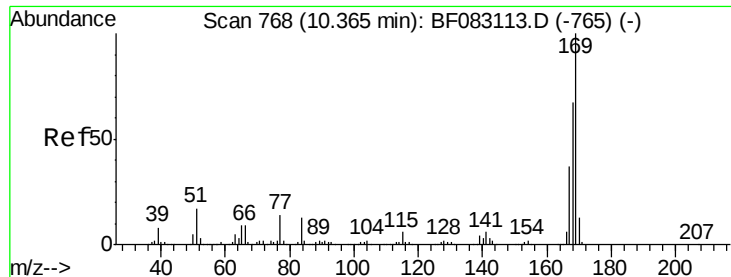
Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	374940		
51	53.0	11.1	51.1#	
105	49.9	16.5	56.5	





#65

n-Nitrosodiphenylamine

Concen: 82.33 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:169 Resp: 1659157

Ion Ratio Lower Upper

169 100

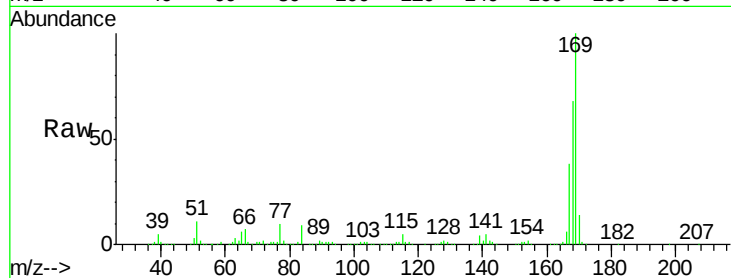
168 68.2 54.2 81.2

167 38.4 29.5 44.3

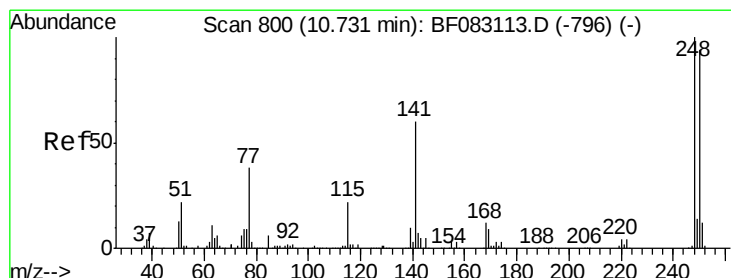
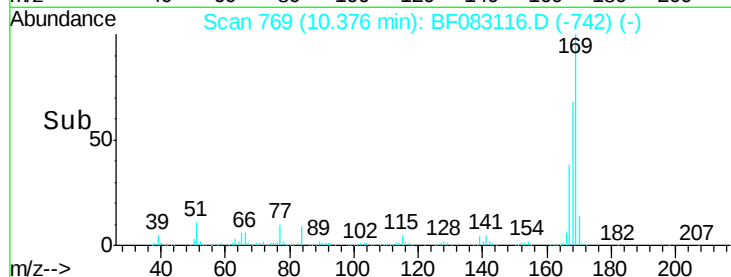
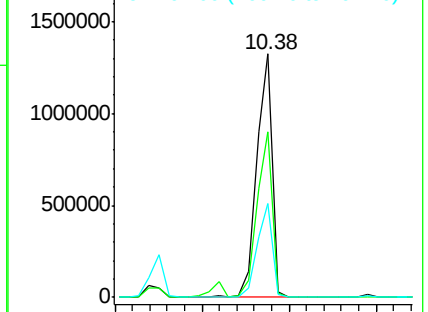
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 74.79 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

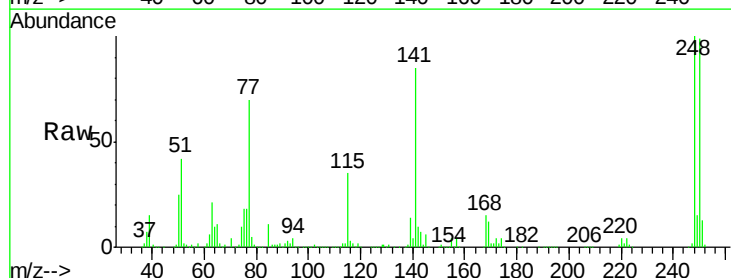
Tgt Ion:248 Resp: 497289

Ion Ratio Lower Upper

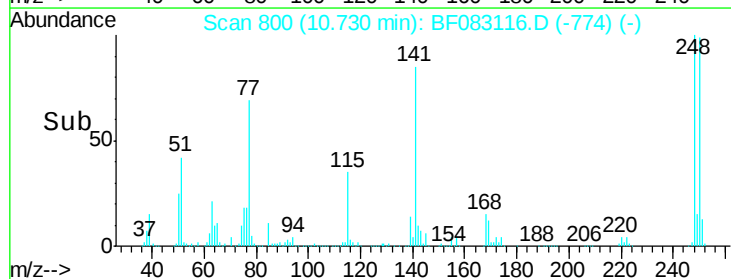
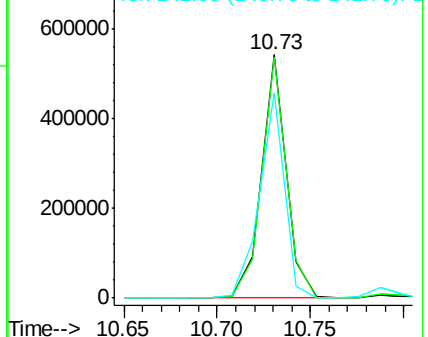
248 100

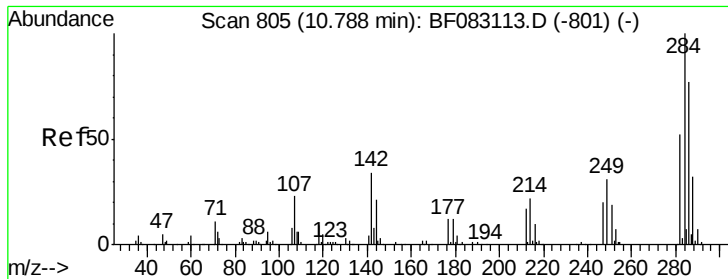
250 99.2 76.1 114.1

141 84.5 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





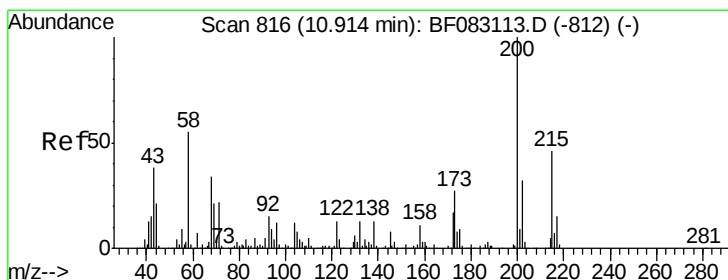
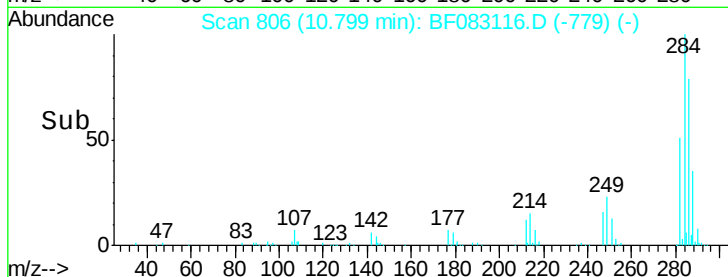
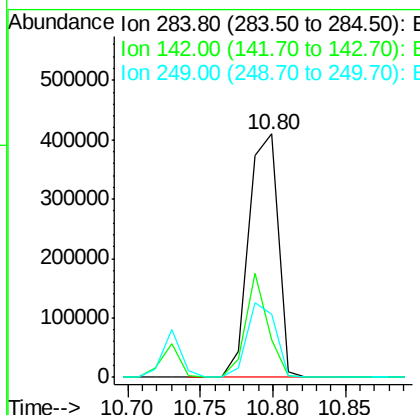
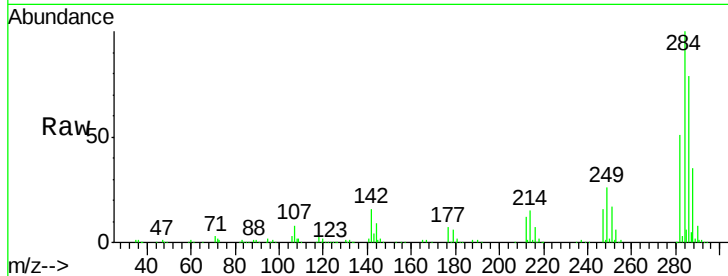
#67
Hexachlorobenzene
Concen: 79.15 ng
RT: 10.80 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
284	100	576112		
142	15.6	29.5	44.3#	
249	26.0	27.2	40.8#	

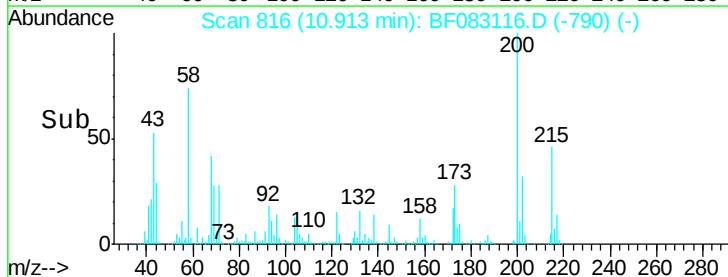
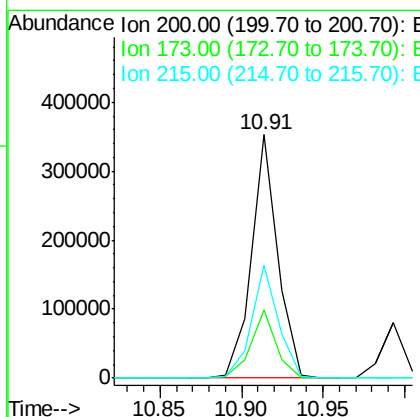
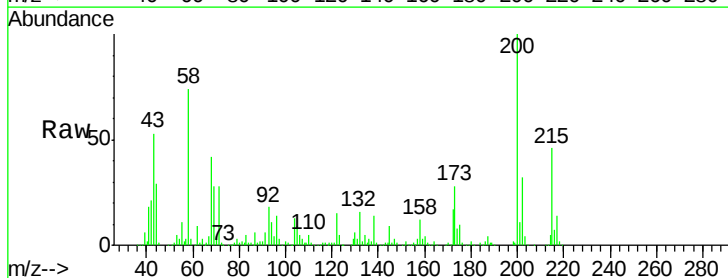
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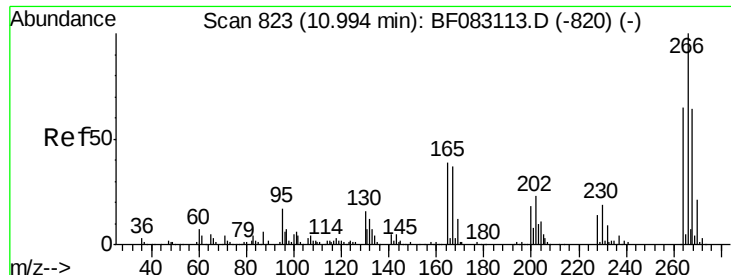
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#68
Atrazine
Concen: 66.95 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	393980		
173	27.9	4.9	44.9	
215	46.4	25.5	65.5	





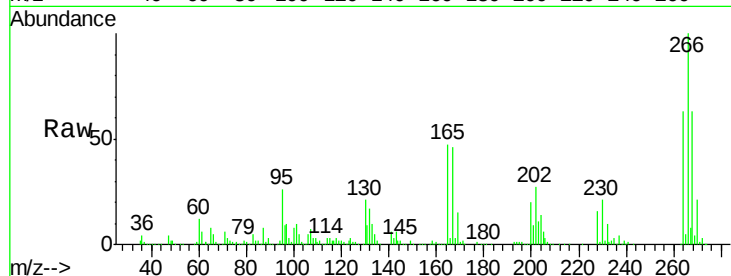
#69
 Pentachlorophenol
 Concen: 78.17 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

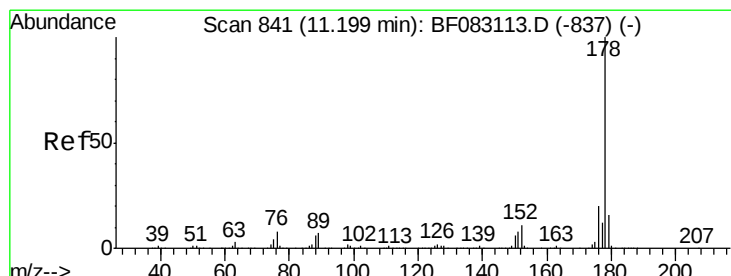
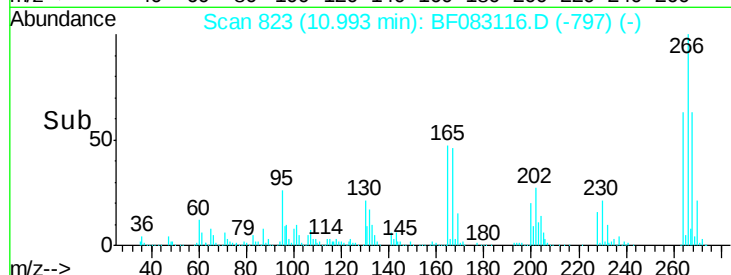
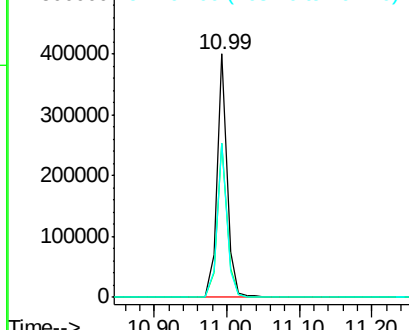
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.6	74.4
264	63.4	52.7	79.1

Manual Integrations
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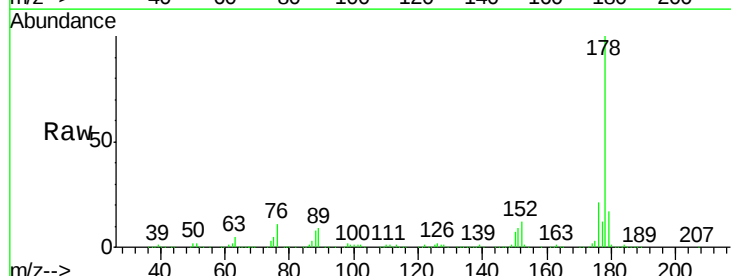


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

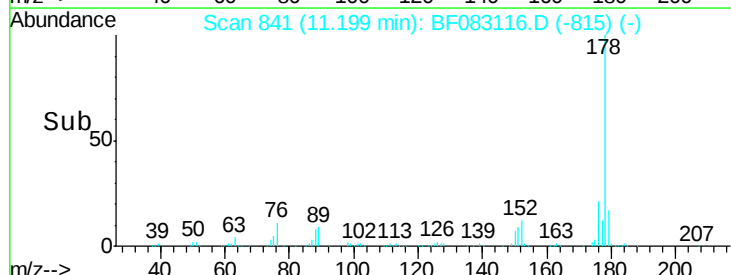
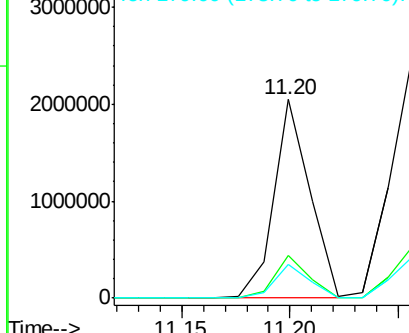


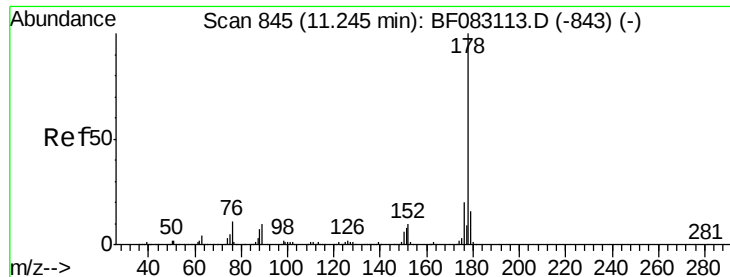
#70
 Phenanthrene
 Concen: 70.46 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.6	23.4
179	17.1	12.3	18.5



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





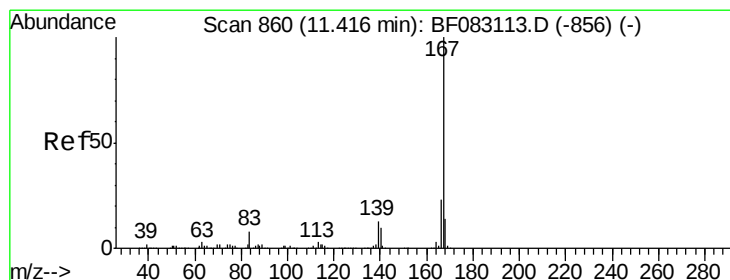
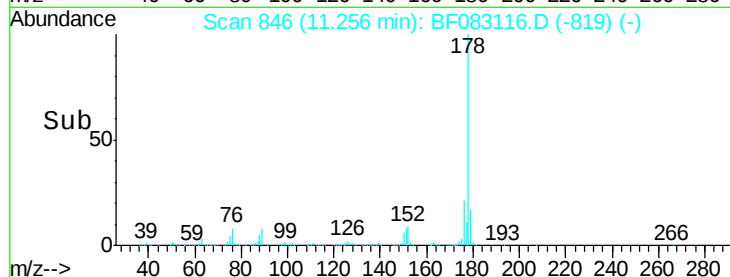
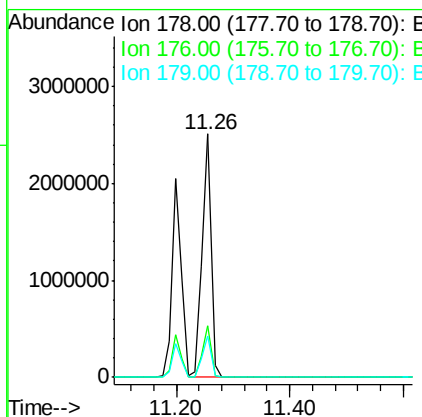
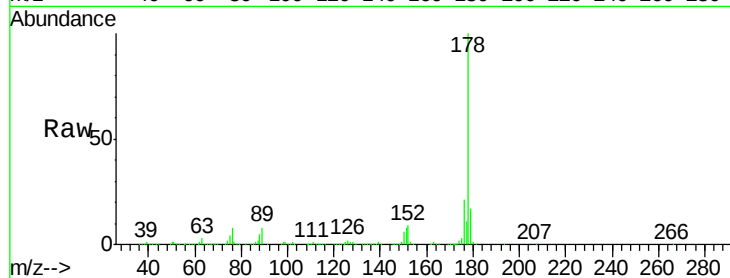
#71
 Anthracene
 Concen: 76.29 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 2646421
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.8 23.6
 179 17.2 13.1 19.7

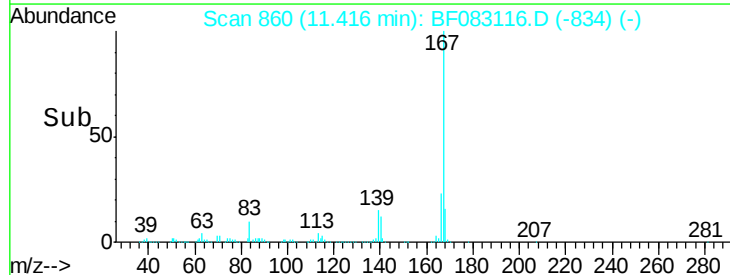
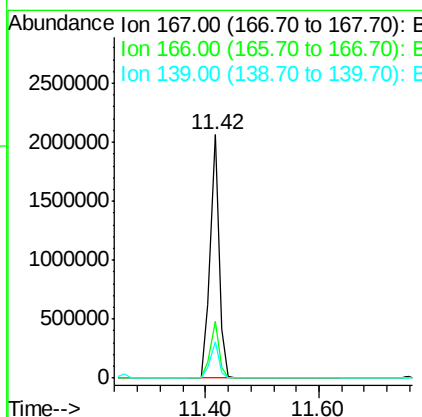
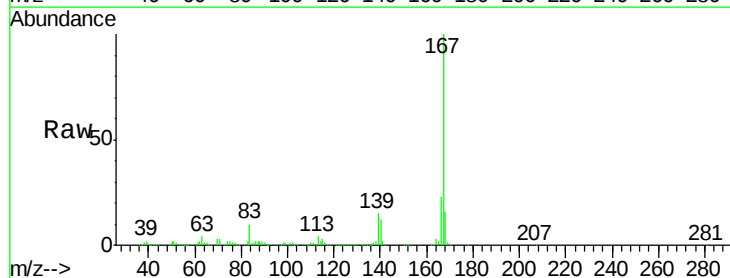
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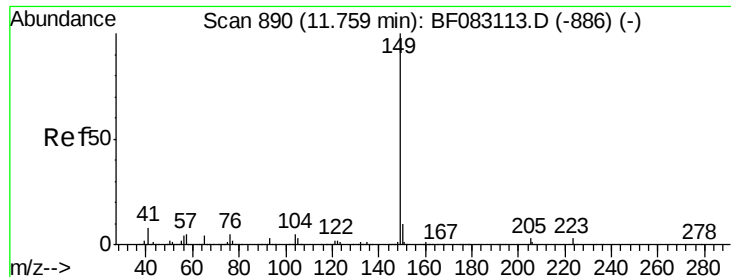
Mmdadoda
 11/23/2015 7:01:24 PM



#72
 Carbazole
 Concen: 70.29 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Tgt Ion:167 Resp: 2164975
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.8 26.6
 139 14.9 11.0 16.4





#73

Di-n-butylphthalate

Concen: 72.49 ng

RT: 11.76 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

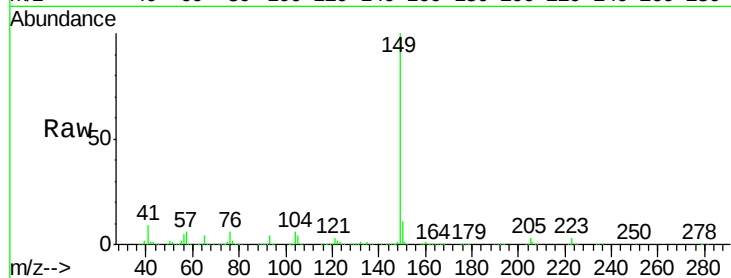
SSTDIC080

Manual Integrations
APPROVED

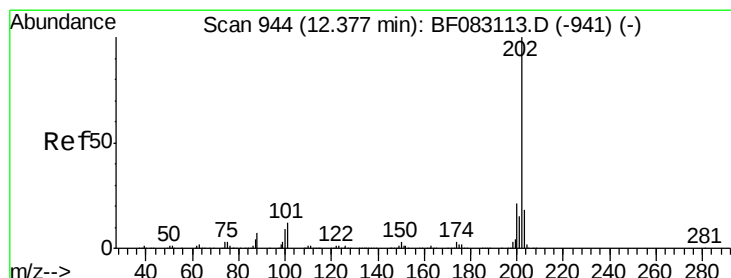
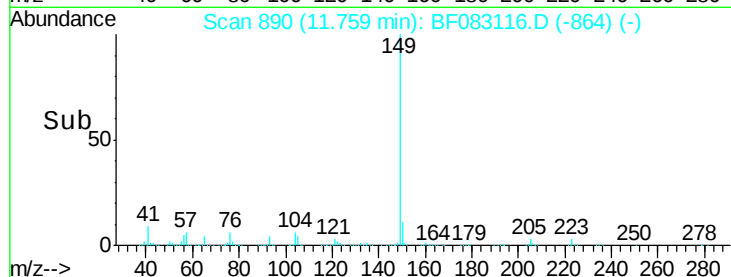
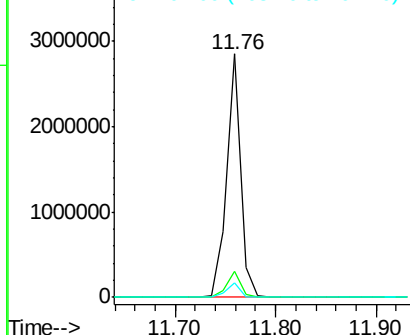
Mmdadoda

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Tot Ion:	149	Resp:	2750024
Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.8	11.8
104	5.8	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 80.07 ng

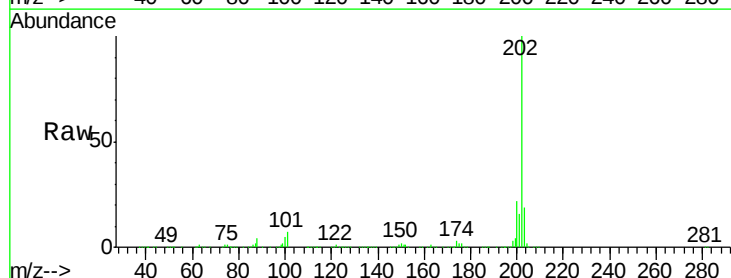
RT: 12.39 min Scan# 945

Delta R.T. 0.01 min

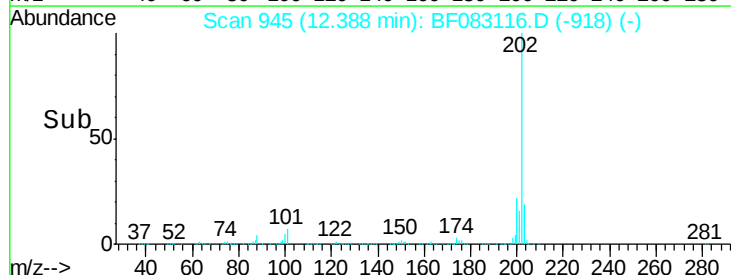
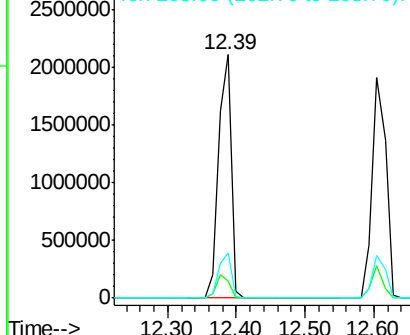
Lab File: BF083116.D

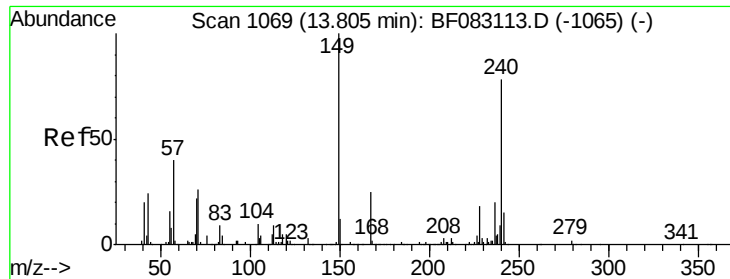
Acq: 21 Nov 2015 16:24

Tgt Ion:	202	Resp:	2767154
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	31.1
203	18.8	0.0	38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





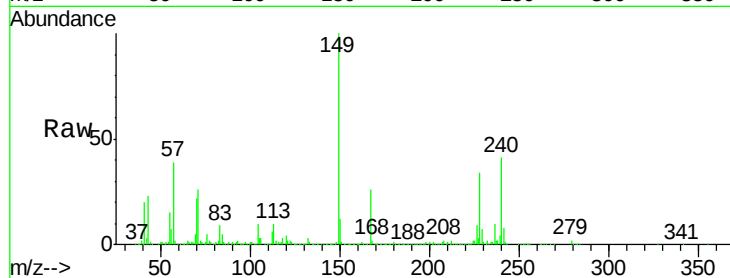
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

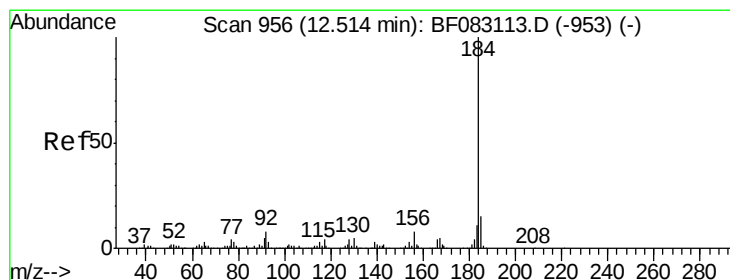
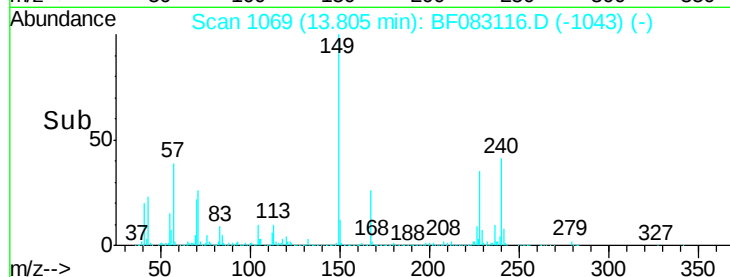
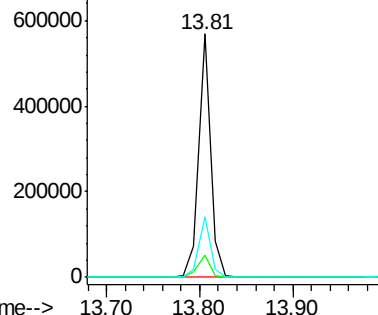
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.3	7.9
236	25.0	20.4	30.6

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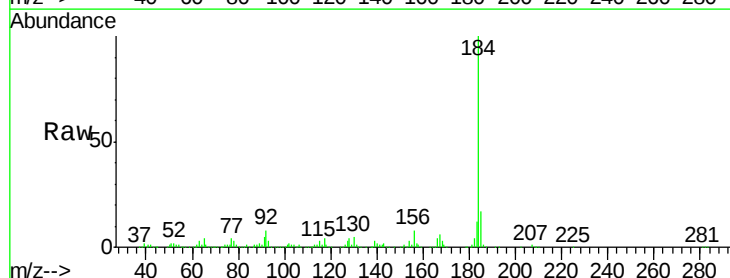


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

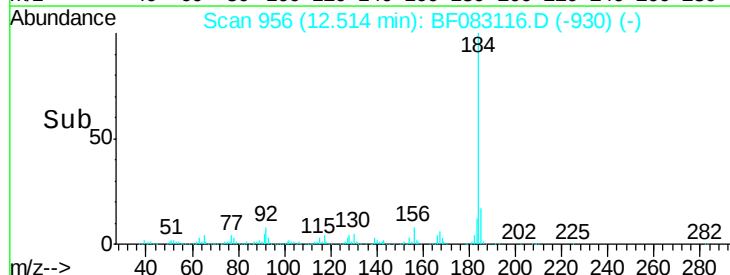
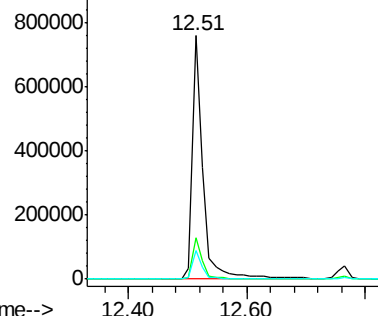


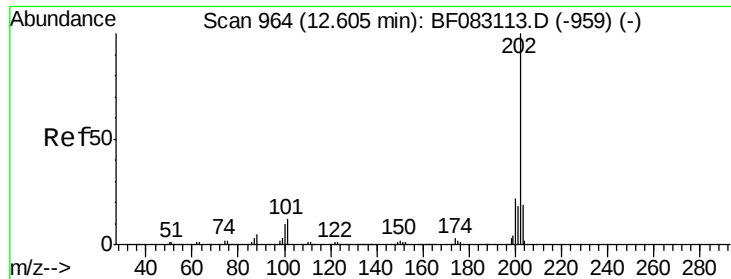
#76
Benzidine
Concen: 70.98 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.1	12.6	19.0
183	11.5	9.0	13.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 76.73 ng

RT: 12.60 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:202 Resp: 2611263

Ion Ratio Lower Upper

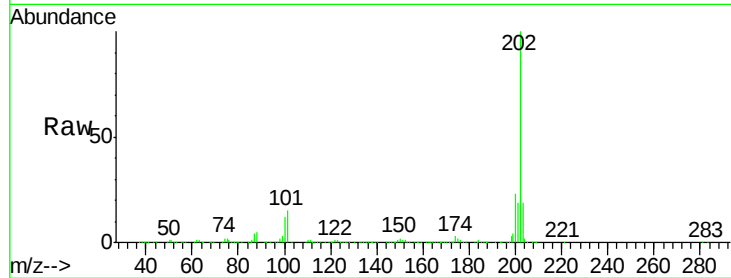
202 100

200 23.0 17.6 26.4

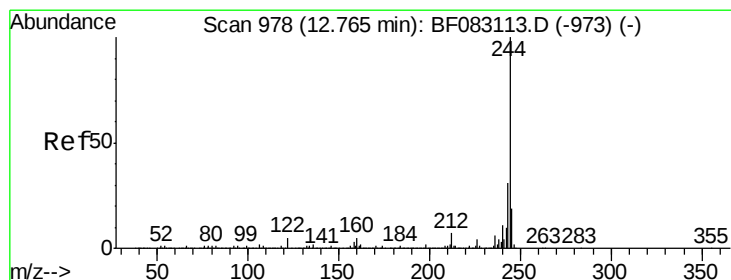
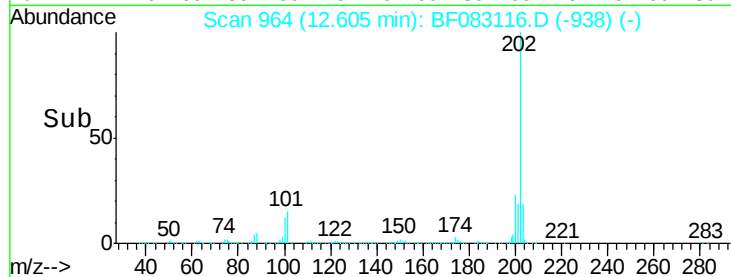
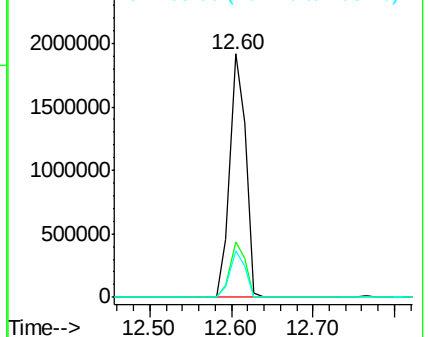
203 19.1 14.6 22.0

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



#78

Terphenyl-d14

Concen: 145.34 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

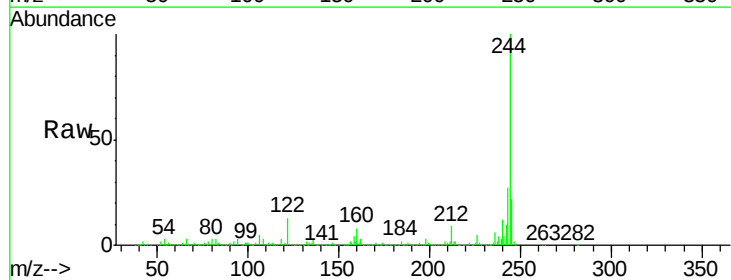
Tgt Ion:244 Resp: 3067843

Ion Ratio Lower Upper

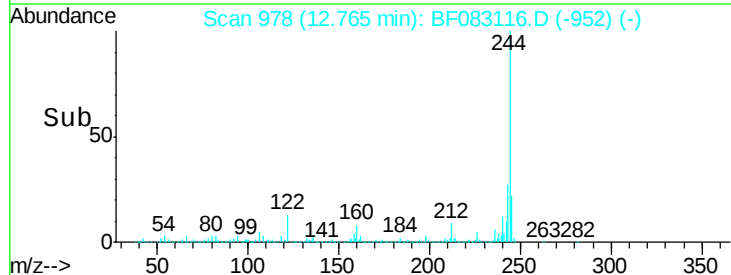
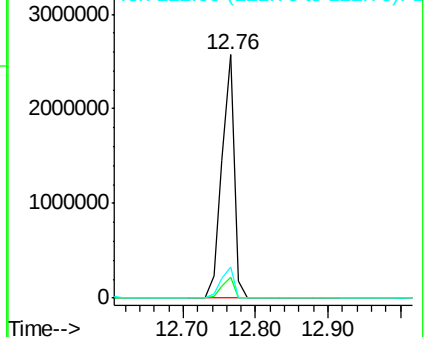
244 100

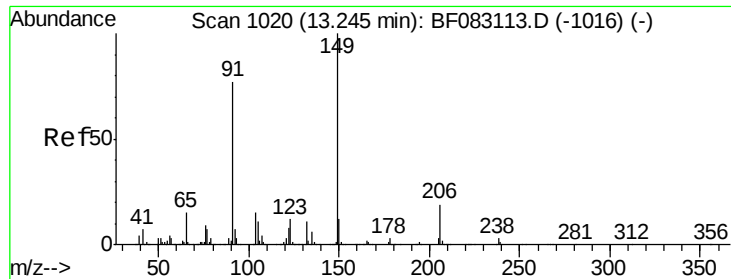
212 8.6 6.4 9.6

122 12.9 10.9 16.3



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





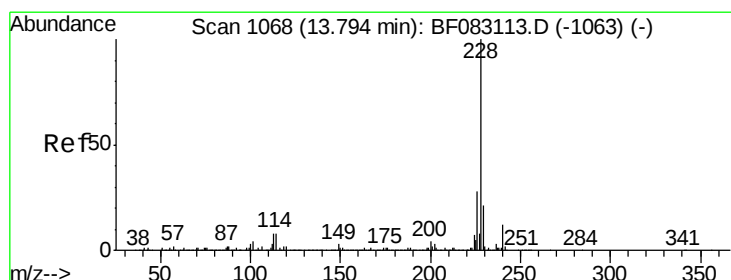
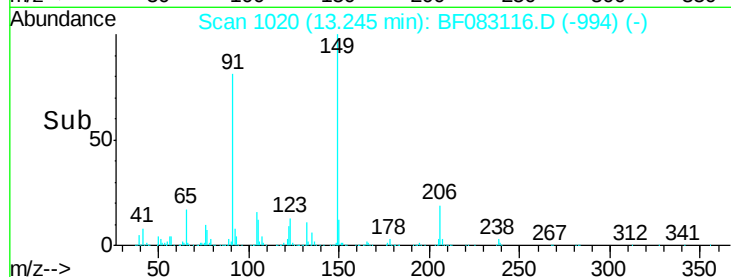
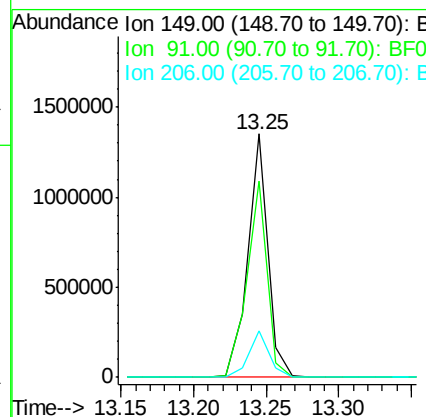
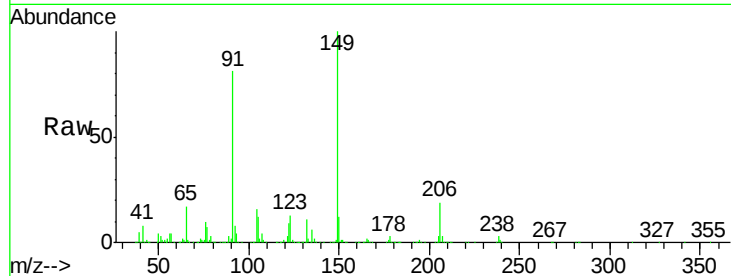
#79
Butylbenzylphthalate
Concen: 78.61 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.8	71.9	107.9
206	19.2	13.1	19.7

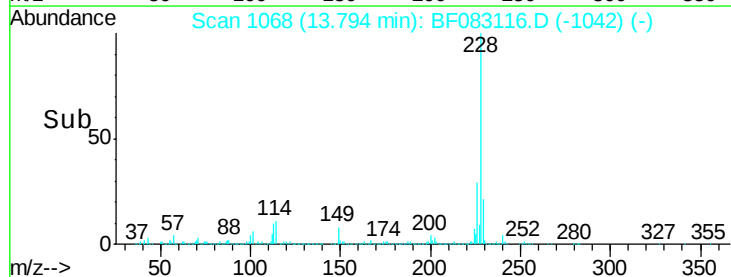
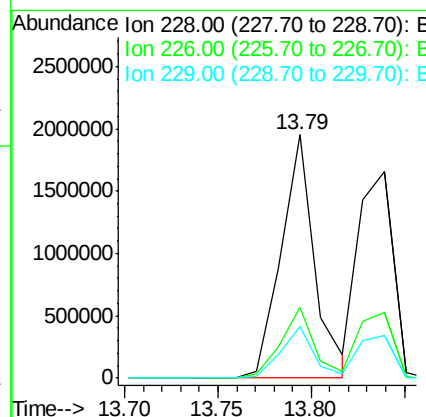
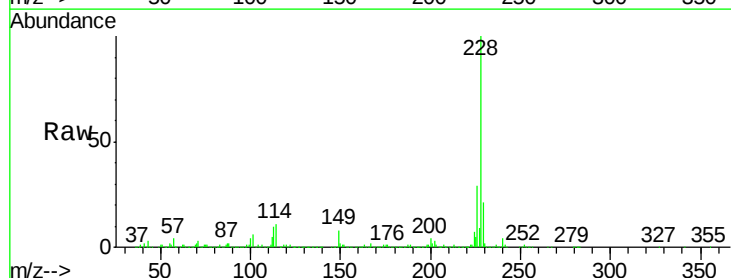
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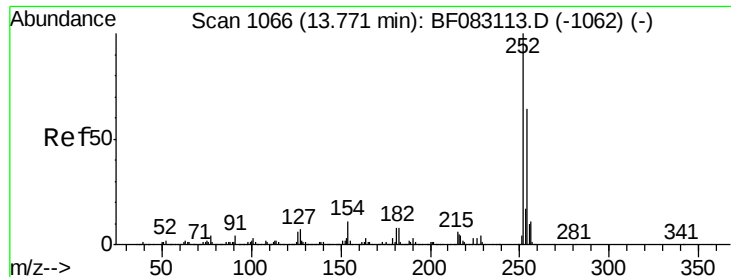
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#80
Benzo(a)anthracene
Concen: 76.07 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	21.0	16.1	24.1





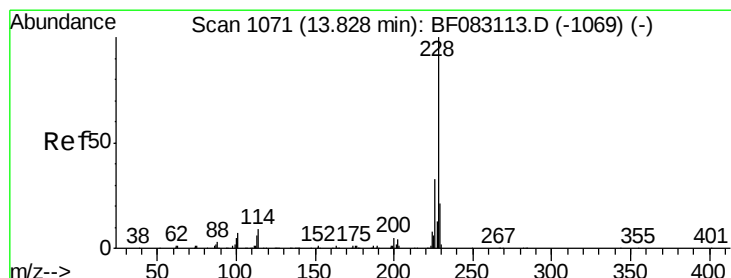
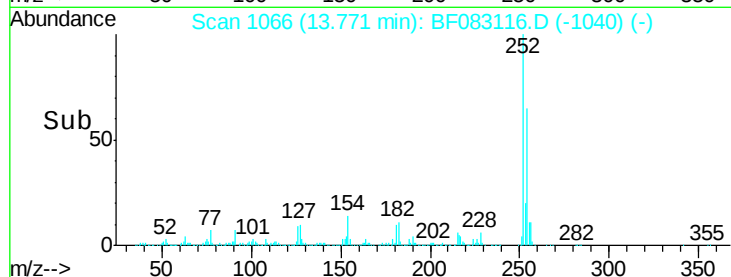
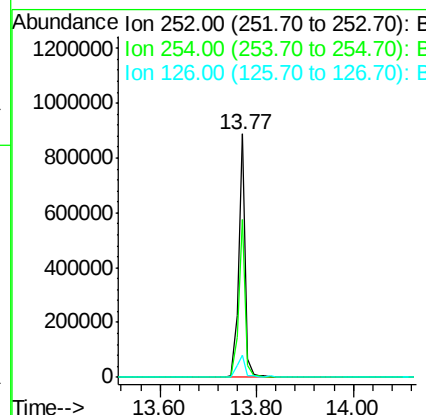
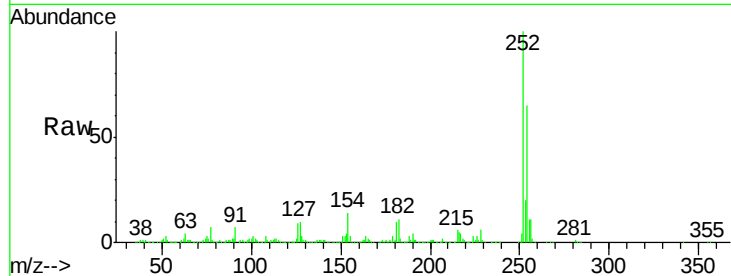
#81
 3,3'-Dichlorobenzidine
 Concen: 77.12 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.6	76.0
126	9.3	10.2	15.4

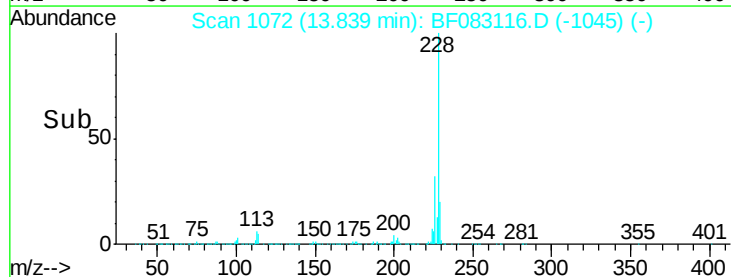
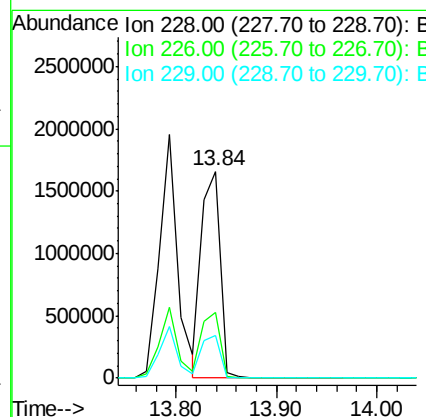
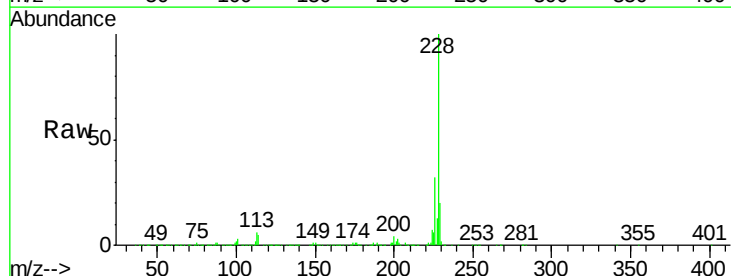
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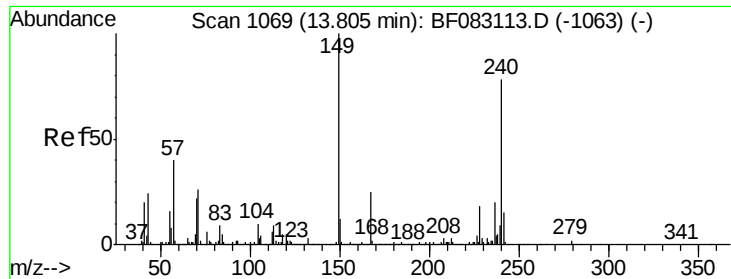
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#82
 Chrysene
 Concen: 80.62 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.3	37.9
229	20.4	16.4	24.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 79.11 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1675421

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.9	31.3
279	2.2	2.0	3.0

149 100

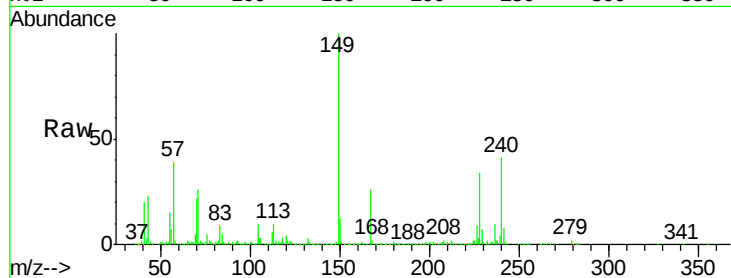
167 25.8 20.9 31.3

279 2.2 2.0 3.0

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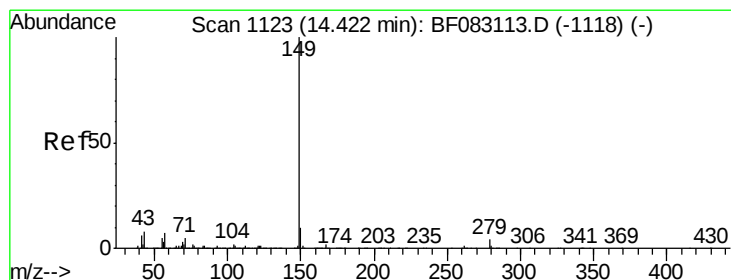
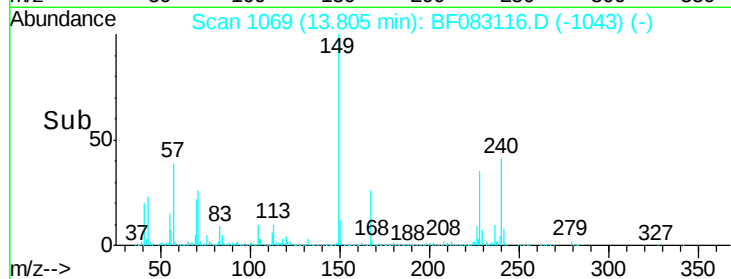
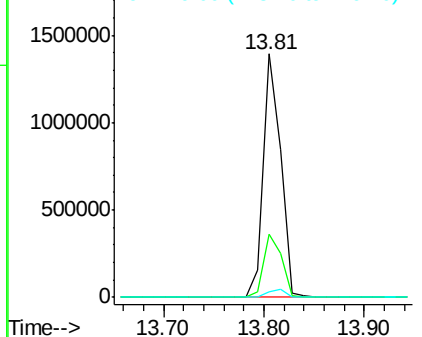
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 77.37 ng

RT: 14.42 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF083116.D

Acq: 21 Nov 2015 16:24

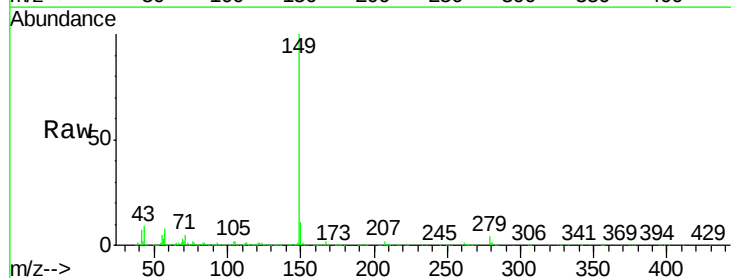
Tgt Ion:149 Resp: 2808444

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.2	8.8	13.2

149 100

167 1.6 1.3 1.9

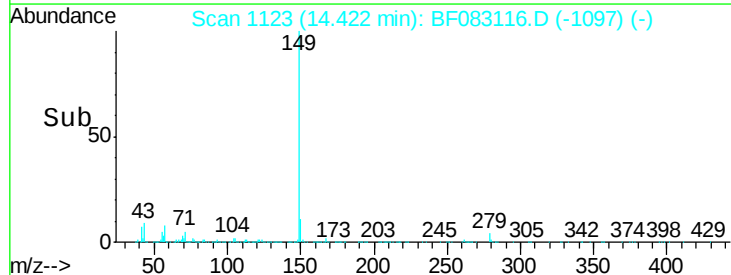
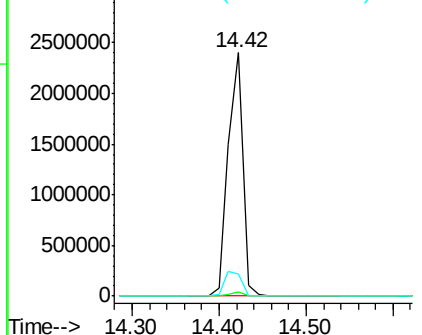
43 12.2 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





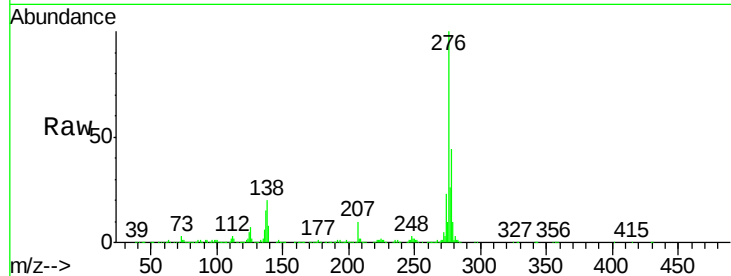
#85
Indeno(1,2,3-cd)pyrene
Concen: 81.07 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	16.3	24.5
277	25.2	19.8	29.8

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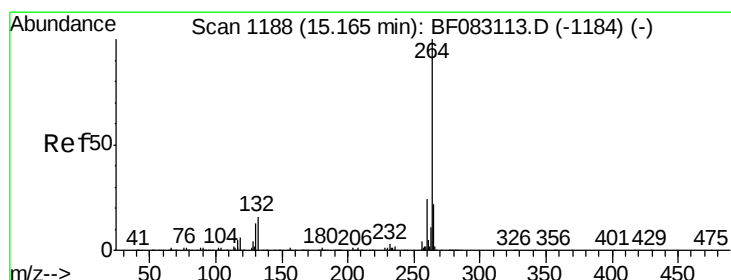
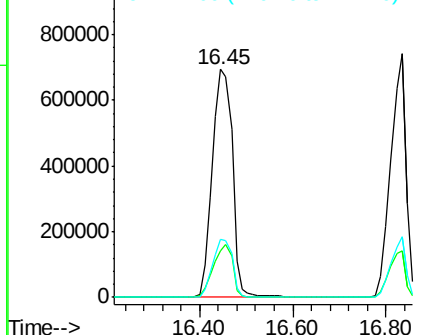
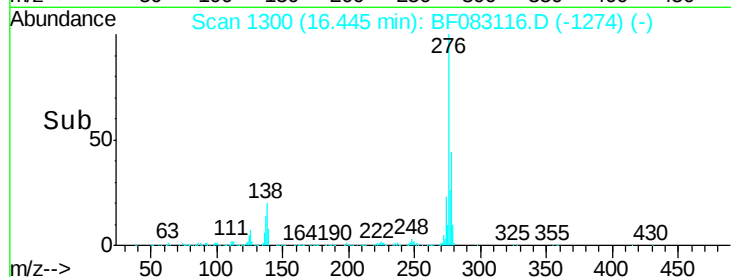


Abundance

Ion 276.00 (275.70 to 276.70): E

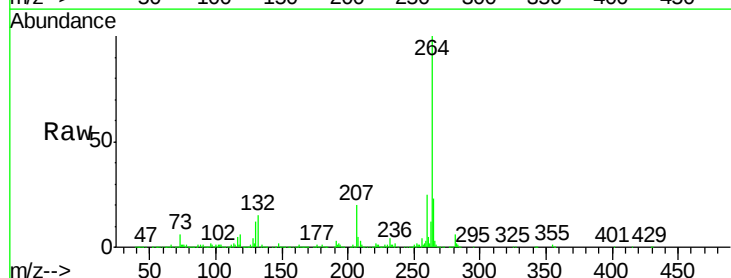
Ion 138.00 (137.70 to 138.70): E

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: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	22.6	17.0	25.6

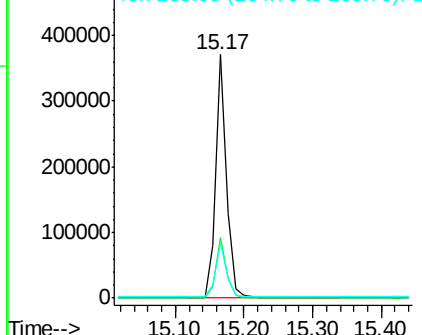
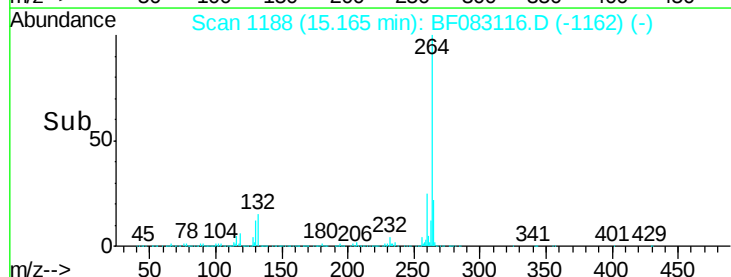


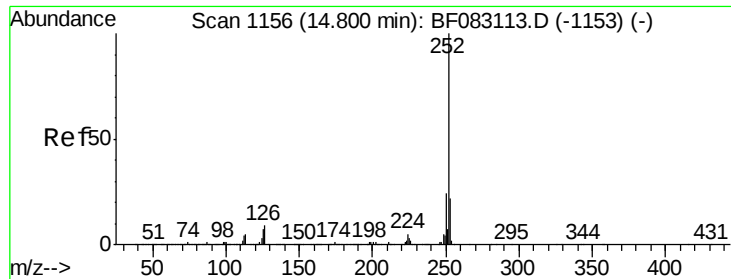
Abundance

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





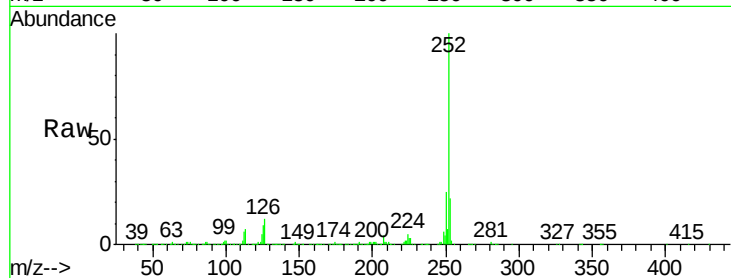
#87
Benzo(b)fluoranthene
Concen: 73.98 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

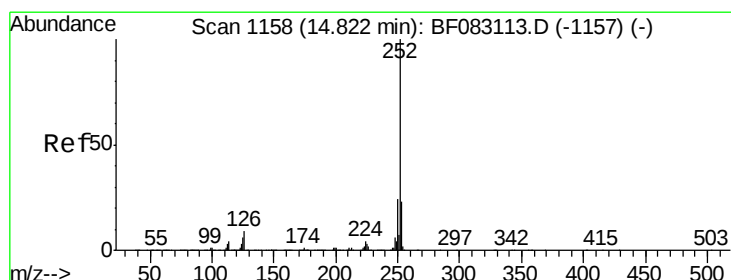
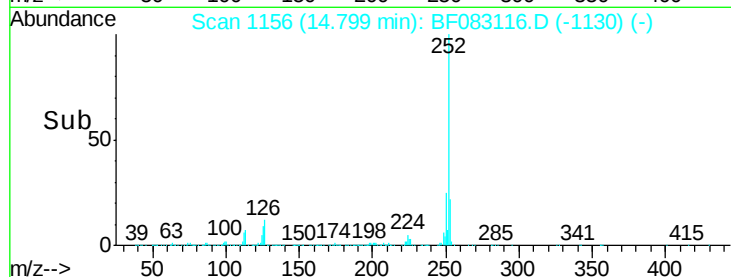
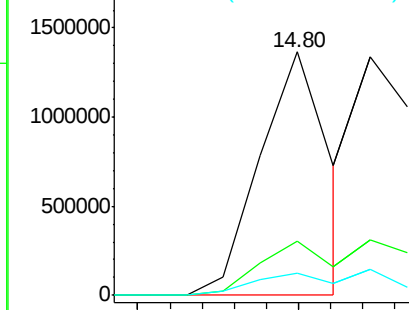
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.1	7.7	11.5

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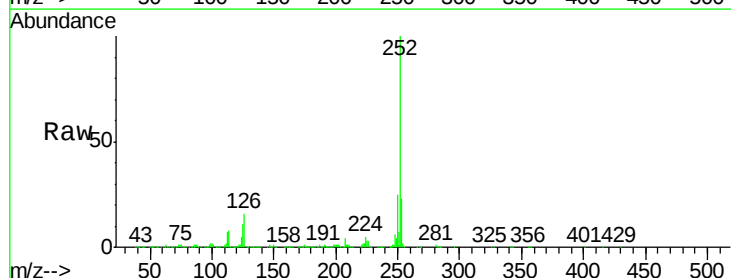


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

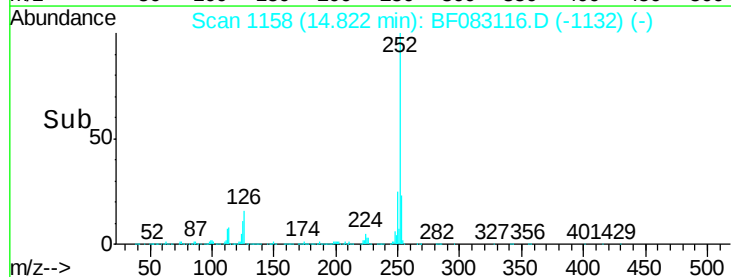
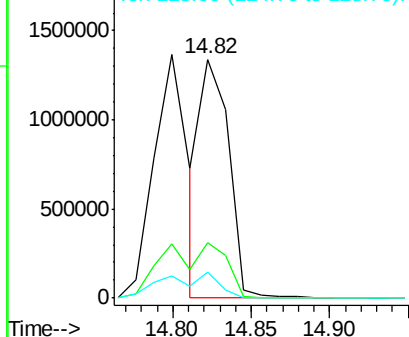


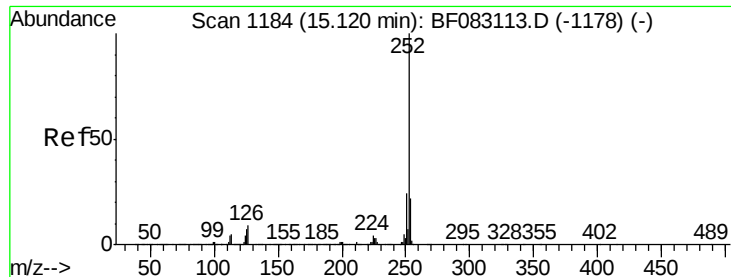
#88
Benzo(k)fluoranthene
Concen: 81.15 ng m
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	10.9	3.8	5.6#



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





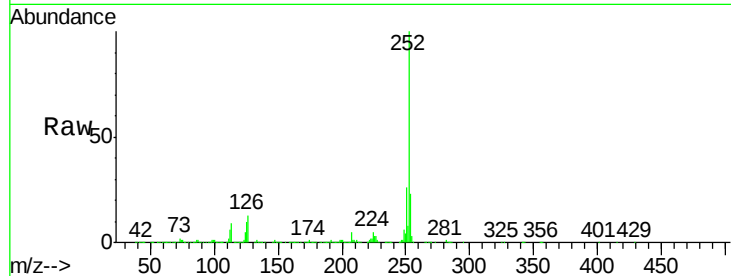
#89
Benzo(a)pyrene
Concen: 76.61 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

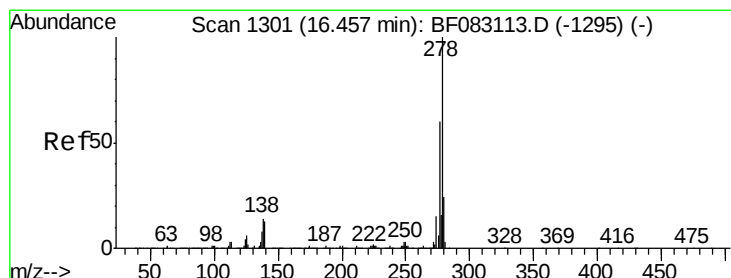
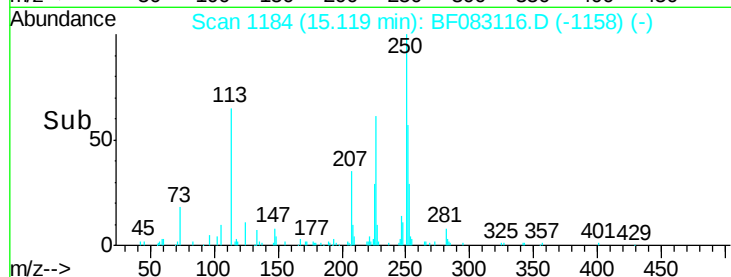
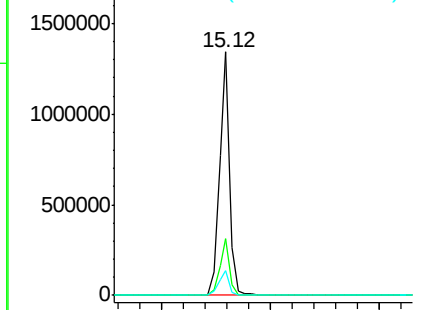
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.2	6.4	9.6

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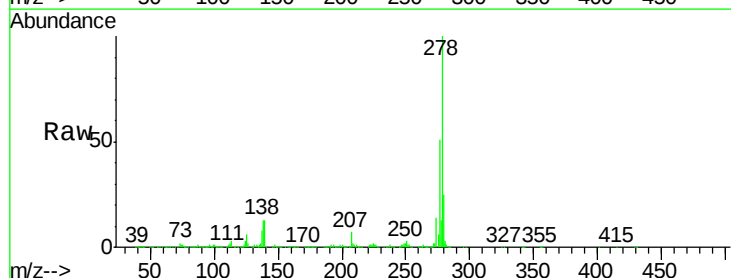


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

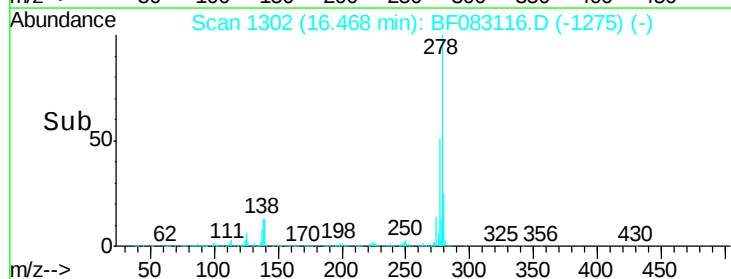
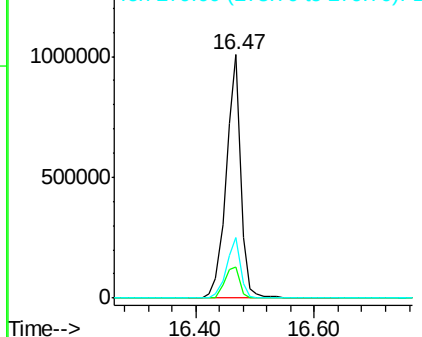


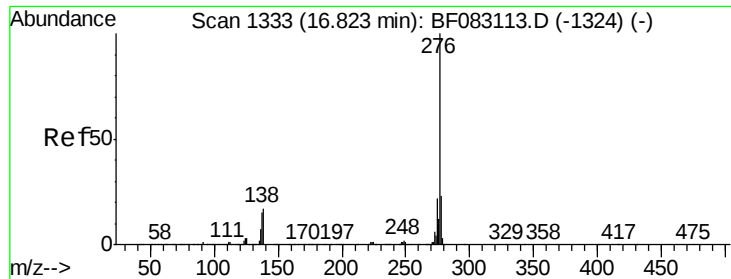
#90
Dibenzo(a,h)anthracene
Concen: 81.87 ng
RT: 16.47 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF083116.D
Acq: 21 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	9.8	14.8
279	24.9	19.6	29.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 83.06 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF083116.D
 Acq: 21 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	27.8
138	18.9	12.5	18.7

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:24 PM

