

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083356.D
 Acq On : 1 Dec 2015 2:13
 Operator : UM/IZ
 Sample : PB86889BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:46 PM

Quant Time: Dec 01 02:43:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	150321	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	587004	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	313253	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	608754	20.00	ng	0.00
75) Chrysene-d12	14.76	240	560871	20.00	ng	0.00
86) Perylene-d12	16.82	264	424387	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1167235	116.52	ng	0.01
7) Phenol-d6	6.22	99	1606244	117.14	ng	0.00
23) Nitrobenzene-d5	7.13	82	1037237	77.68	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	364994	116.07	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1652924	75.19	ng	0.00
78) Terphenyl-d14	13.22	244	1752525	74.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	174099	32.09	ng	94
3) Pyridine	2.62	79	446257	32.89	ng	97
4) n-Nitrosodimethylamine	2.58	42	283020	42.38	ng	97
6) Aniline	6.21	93	499886	26.65	ng	94
8) 2-Chlorophenol	6.34	128	477169	43.18	ng	96
9) Benzaldehyde	6.09	77	249321	37.20	ng	97
10) Phenol	6.24	94	739133	44.80	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	510666	42.55	ng	99
12) 1,3-Dichlorobenzene	6.49	146	501699	40.84	ng	98
13) 1,4-Dichlorobenzene	6.57	146	530974	41.82	ng	99
14) 1,2-Dichlorobenzene	6.72	146	464933m	39.92	ng	
15) Benzyl Alcohol	6.72	79	473104	44.64	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	900722	42.77	ng	# 39
17) 2-Methylphenol	6.84	107	408782	44.38	ng	99
18) Hexachloroethane	7.06	117	181791	41.23	ng	97
19) n-Nitroso-di-n-propylamine	6.98	70	391595	39.95	ng	88
20) 3+4-Methylphenols	7.00	107	545145	43.70	ng	99
22) Acetophenone	6.97	105	689184	39.24	ng	# 91
24) Nitrobenzene	7.14	77	540937	37.93	ng	# 85
25) Isophorone	7.39	82	1047705	40.50	ng	98
26) 2-Nitrophenol	7.46	139	234372	40.26	ng	96
27) 2,4-Dimethylphenol	7.53	122	425402	43.60	ng	100
28) bis(2-Chloroethoxy)methane	7.61	93	622296	42.25	ng	99
29) 2,4-Dichlorophenol	7.71	162	396401	42.24	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	404232	39.57	ng	96
31) Naphthalene	7.86	128	1329564	41.74	ng	99
32) Benzoic acid	7.68	122	266581	39.61	ng	99
33) 4-Chloroaniline	7.93	127	230944	16.82	ng	97
34) Hexachlorobutadiene	7.98	225	234272	40.39	ng	98
35) Caprolactam	8.30	113	141733m	47.80	ng	
36) 4-Chloro-3-methylphenol	8.43	107	478095	45.42	ng	90
37) 2-Methylnaphthalene	8.56	142	878366	41.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	375358	37.80	ng	98
40) Hexachlorocyclopentadiene	8.70	237	395296	83.80	ng	100

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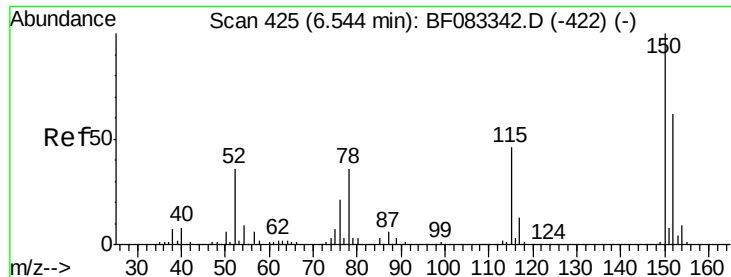
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	288424	41.41	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	312521	43.30	ng	99
45) 1,1'-Biphenyl	9.01	154	1029407	37.47	ng	95
46) 2-Chloronaphthalene	9.04	162	849265	40.57	ng	99
47) 2-Nitroaniline	9.15	65	335369	40.45	ng	94
48) Acenaphthylene	9.45	152	1317119	39.45	ng	99
49) Dimethylphthalate	9.33	163	973257	38.23	ng	100
50) 2,6-Dinitrotoluene	9.39	165	233064	42.87	ng	96
51) Acenaphthene	9.62	154	792777	40.36	ng	100
52) 3-Nitroaniline	9.56	138	136338	21.40	ng	83
53) 2,4-Dinitrophenol	9.66	184	250310	74.37	ng	88
54) Dibenzofuran	9.79	168	1157832	40.23	ng	99
55) 4-Nitrophenol	9.76	139	359349	90.16	ng	# 81
56) 2,4-Dinitrotoluene	9.79	165	287124	41.62	ng	93
57) Fluorene	10.13	166	922884	40.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	254906	43.78	ng	98
59) Diethylphthalate	10.03	149	989508	40.78	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	451218	43.21	ng	99
61) 4-Nitroaniline	10.18	138	257526	40.39	ng	98
62) Azobenzene	10.29	77	1296073	44.21	ng	99
64) 4,6-Dinitro-2-methylphenol	10.20	198	184619	45.17	ng	94
65) n-Nitrosodiphenylamine	10.26	169	899746	42.06	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	282477	42.42	ng	97
67) Hexachlorobenzene	10.70	284	315801	42.89	ng	96
68) Atrazine	10.83	200	301125	50.90	ng	96
69) Pentachlorophenol	10.92	266	342997	88.93	ng	98
70) Phenanthrene	11.16	178	1521565	42.24	ng	100
71) Anthracene	11.22	178	1546629	42.64	ng	100
72) Carbazole	11.41	167	1394703	42.80	ng	99
73) Di-n-butylphthalate	11.86	149	1674373	43.36	ng	100
74) Fluoranthene	12.66	202	1605658	43.00	ng	98
76) Benzidine	12.86	184	544143	32.57	ng	98
77) Pyrene	12.97	202	1656759	42.30	ng	97
79) Butylbenzylphthalate	13.96	149	726086	43.70	ng	98
80) Benzo(a)anthracene	14.74	228	1470966	42.81	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	300175	27.97	ng	99
82) Chrysene	14.80	228	1302643	39.24	ng	100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1000987	44.91	ng	100
84) Di-n-octyl phthalate	15.85	149	1556387	46.89	ng	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1112440	46.01	ng	100
87) Benzo(b)fluoranthene	16.31	252	1177892	43.26	ng	99
88) Benzo(k)fluoranthene	16.35	252	1043887	40.60	ng	98
89) Benzo(a)pyrene	16.75	252	1041701	44.54	ng	100
90) Dibenzo(a,h)anthracene	18.23	278	931173	45.69	ng	100
91) Benzo(g,h,i)perylene	18.58	276	938836	46.94	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

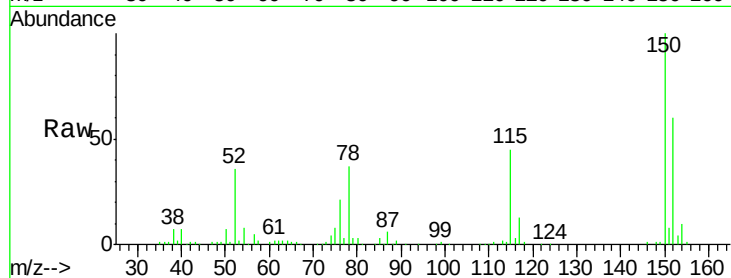
ClientSampleId :

PB86889BS

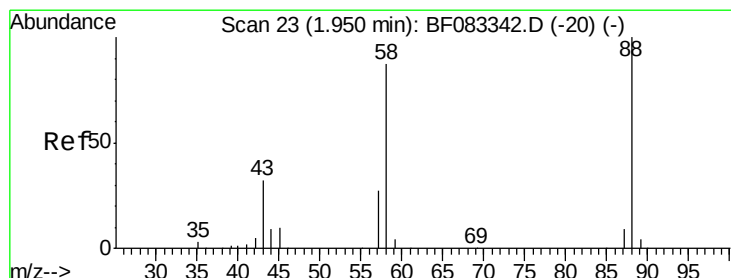
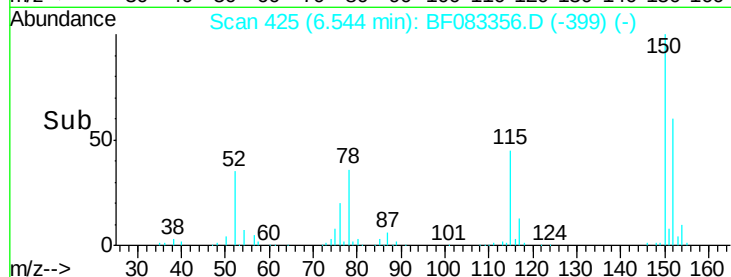
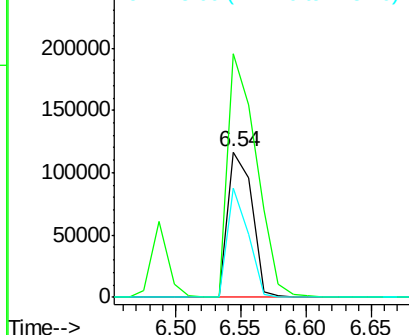
Tgt Ion:	152	Resp:	150321
Ion Ratio	Lower	Upper	
152	100		
150	167.3	129.8	194.8
115	75.2	59.2	88.8

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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: 32.09 ng

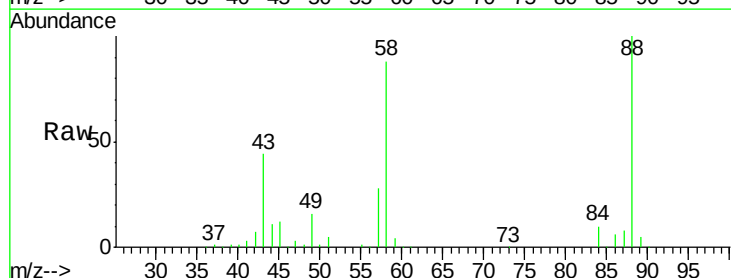
RT: 2.01 min Scan# 28

Delta R.T. 0.06 min

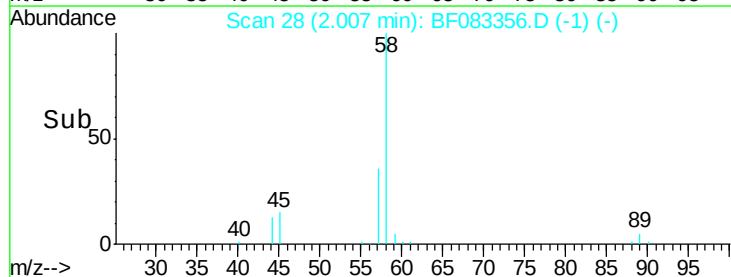
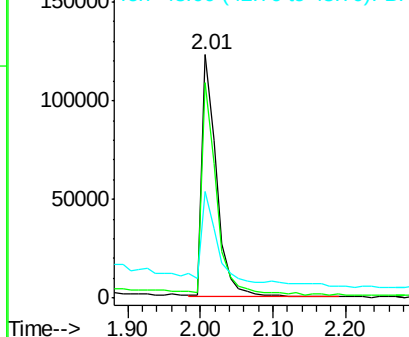
Lab File: BF083356.D

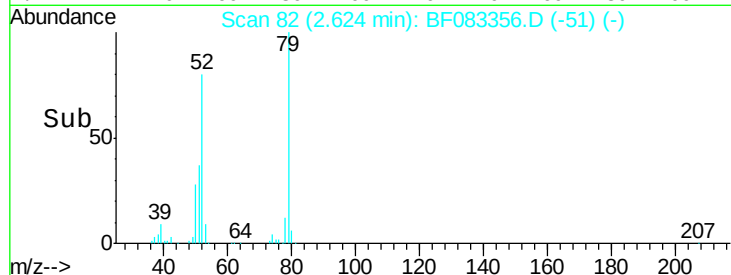
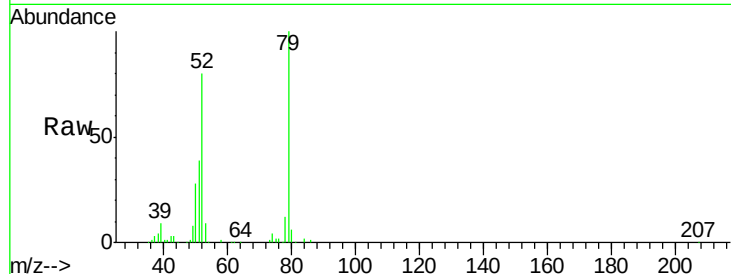
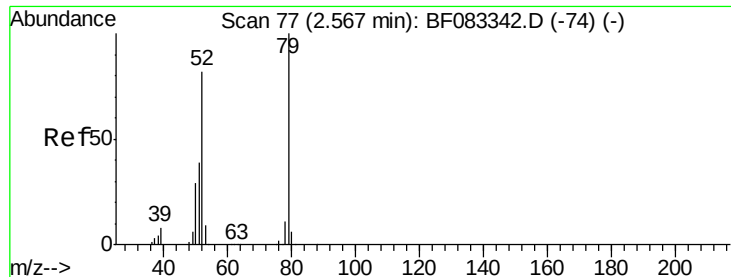
Acq: 1 Dec 2015 2:13

Tgt Ion:	88	Resp:	174099
Ion Ratio	Lower	Upper	
88	100		
58	88.5	66.6	100.0
43	38.4	27.1	40.7



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





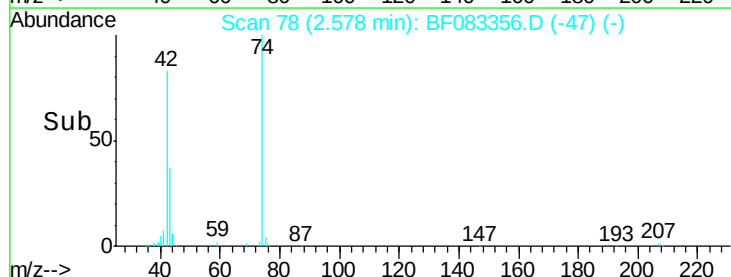
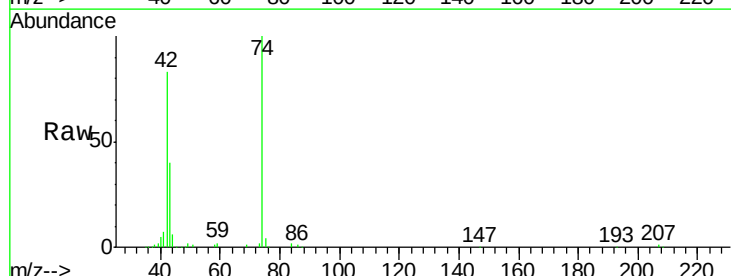
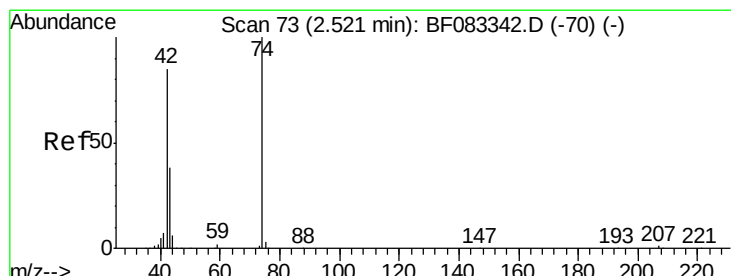
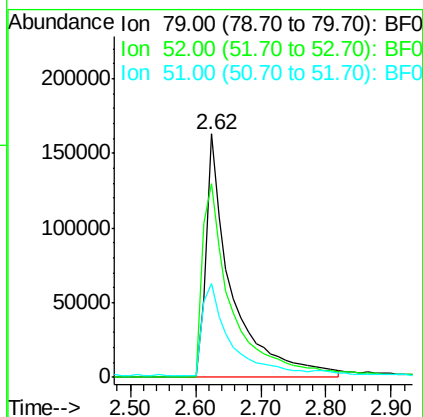
#3
 Pyridine
 Concen: 32.89 ng
 RT: 2.62 min Scan# 82
 Delta R.T. 0.06 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	446257		
52	79.6	65.9	98.9	
51	38.6	32.3	48.5	

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 PB86889BS

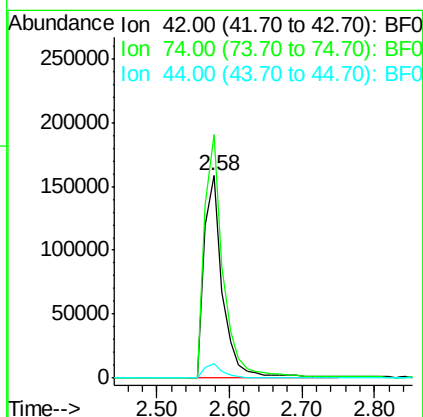
Manual Integrations
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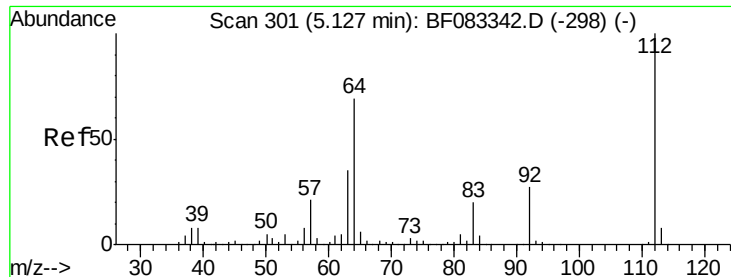
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#4
 n-Nitrosodimethylamine
 Concen: 42.38 ng
 RT: 2.58 min Scan# 78
 Delta R.T. 0.06 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	283020		
74	120.5	93.7	140.5	
44	6.9	5.6	8.4	





#5

2-Fluorophenol

Concen: 116.52 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083356.D

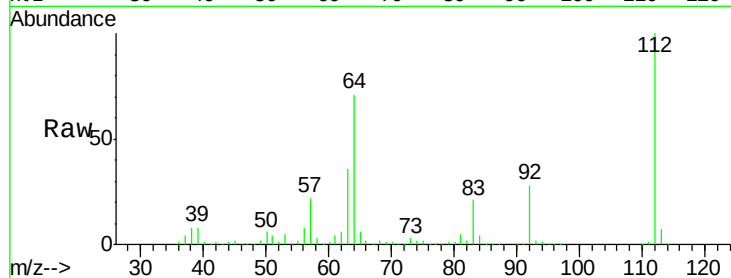
Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

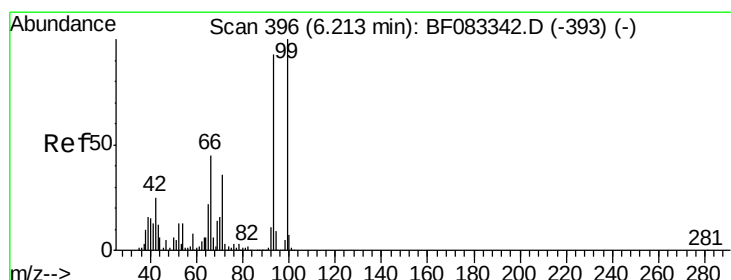
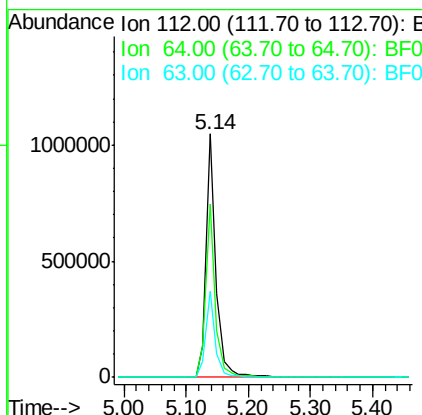
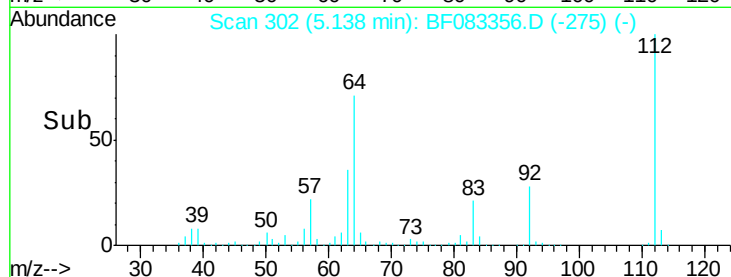
PB86889BS



Tgt Ion:	112	Resp:	1167235
Ion Ratio	Lower	Upper	
112	100		
64	71.3	55.6	83.4
63	35.5	28.2	42.2

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#6

Aniline

Concen: 26.65 ng

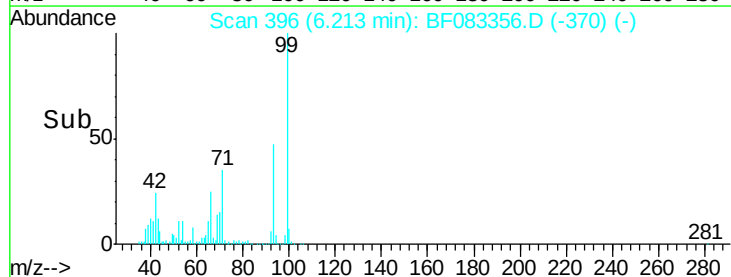
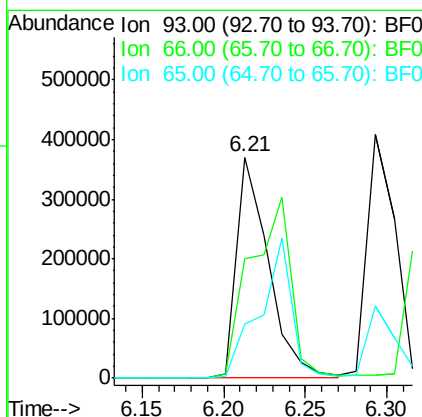
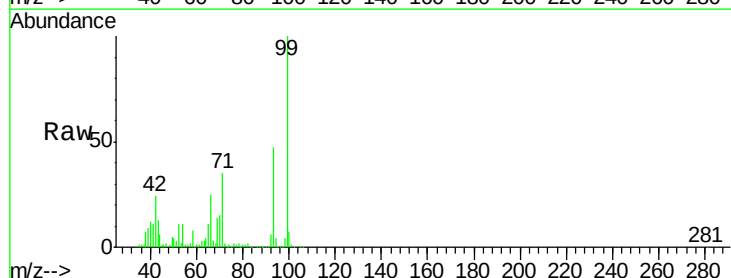
RT: 6.21 min Scan# 396

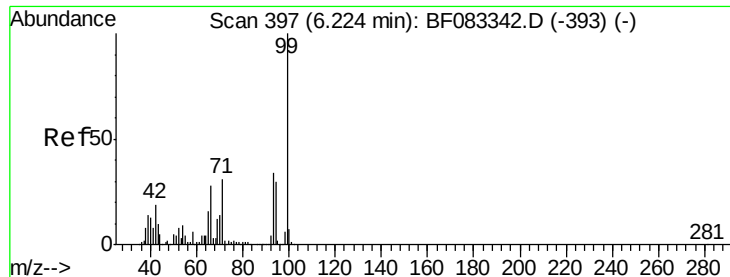
Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Tgt Ion:	93	Resp:	499886
Ion Ratio	Lower	Upper	
93	100		
66	53.8	38.7	58.1
65	24.3	19.0	28.6





#7

Phenol-d6

Concen: 117.14 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

Tgt Ion: 99 Resp: 1606244

Ion Ratio Lower Upper

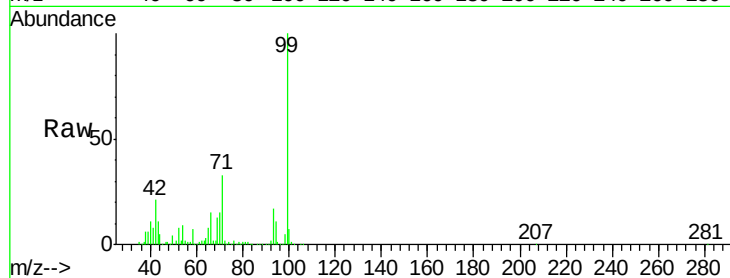
99 100

42 20.8 14.9 22.3

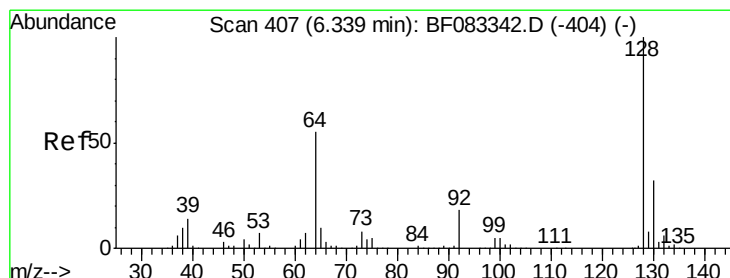
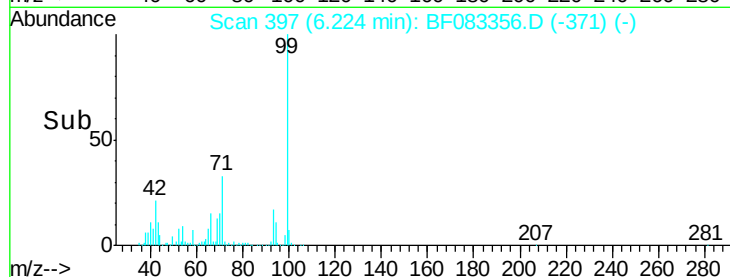
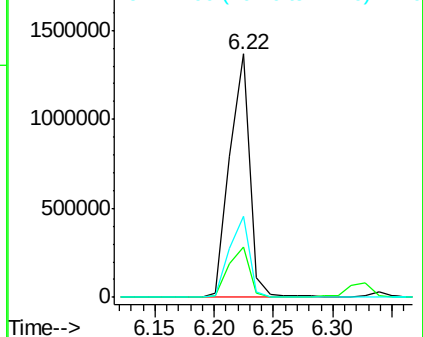
71 33.2 24.7 37.1

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



#8

2-Chlorophenol

Concen: 43.18 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

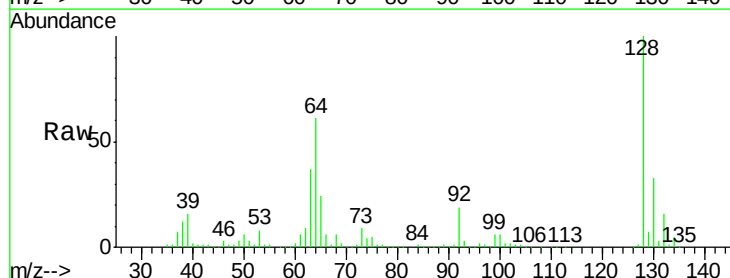
Tgt Ion: 128 Resp: 477169

Ion Ratio Lower Upper

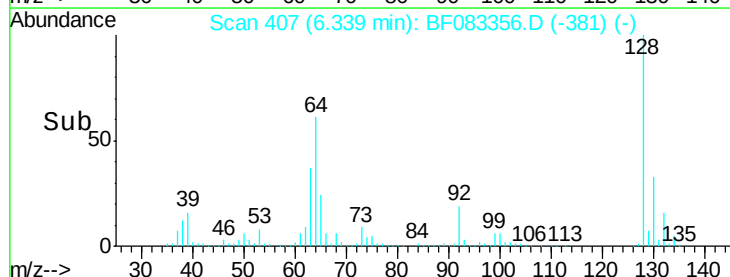
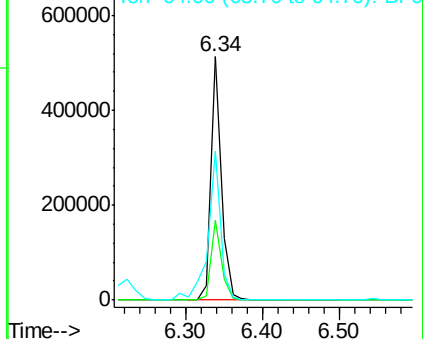
128 100

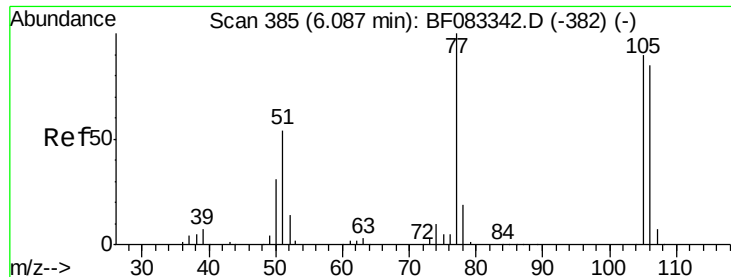
130 32.9 12.3 52.3

64 61.1 36.4 76.4



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





#9

Benzaldehyde

Concen: 37.20 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083356.D

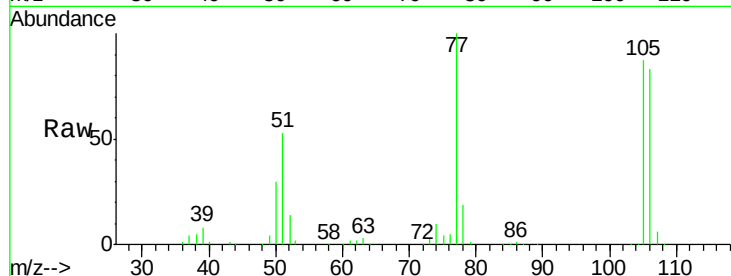
Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS



Tgt Ion: 77 Resp: 249321

Ion Ratio Lower Upper

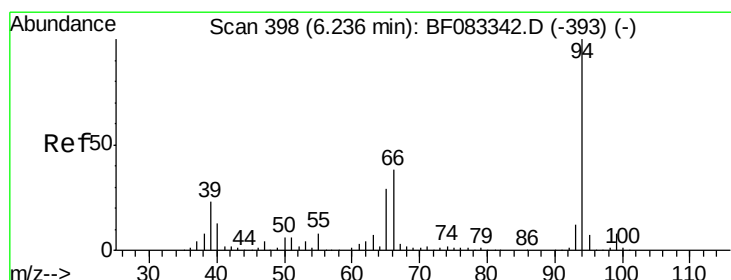
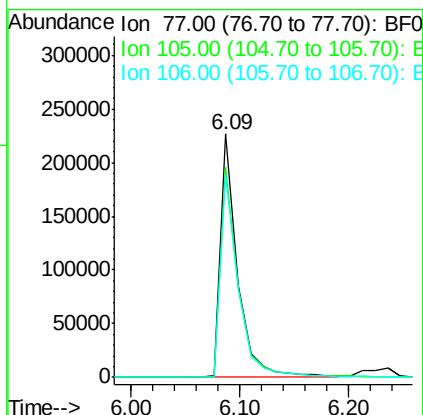
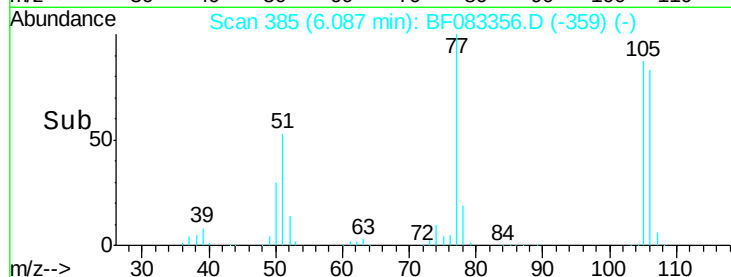
77 100

105 86.5 70.0 110.0

106 83.1 65.0 105.0

Manual Integrations
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#10

Phenol

Concen: 44.80 ng

RT: 6.24 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

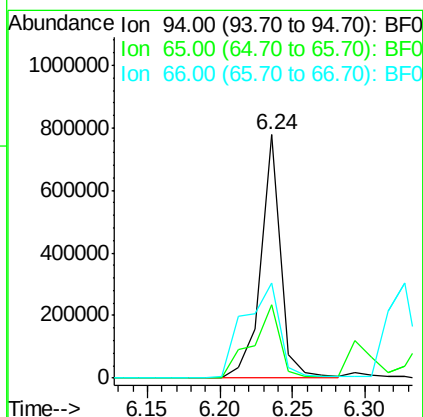
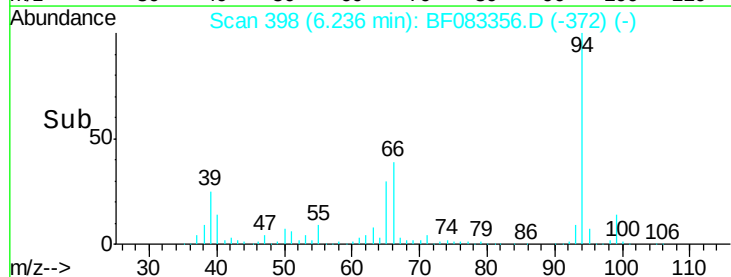
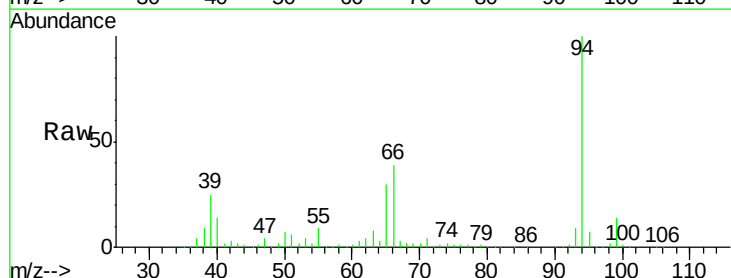
Tgt Ion: 94 Resp: 739133

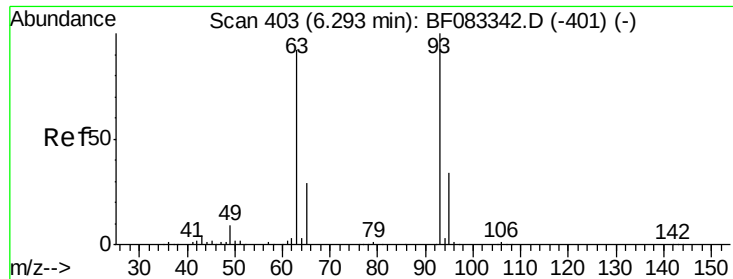
Ion Ratio Lower Upper

94 100

65 30.2 9.5 49.5

66 38.9 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 42.55 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampled :

PB86889BS

Tgt Ion: 93 Resp: 510666
Ion Ratio Lower Upper

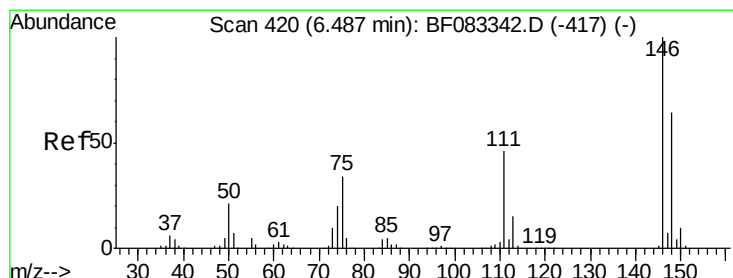
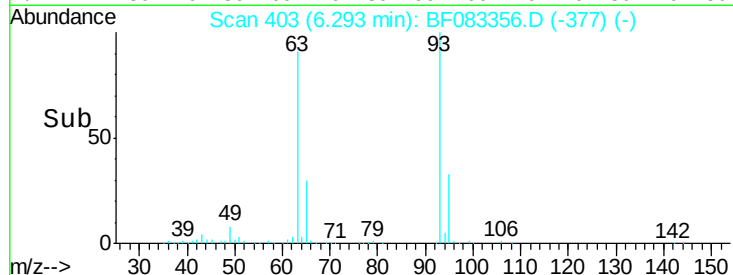
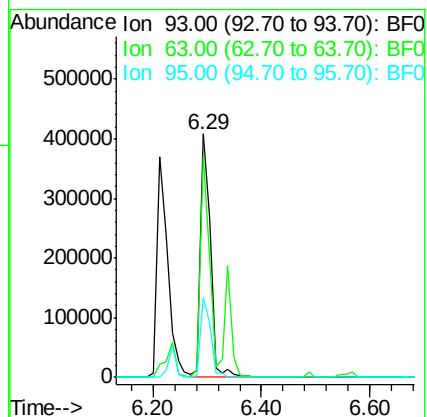
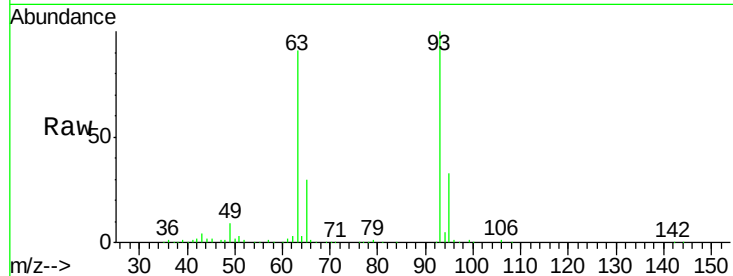
93 100

63 90.5 71.4 111.4

95 32.6 13.4 53.4

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#12

1,3-Dichlorobenzene

Concen: 40.84 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083356.D

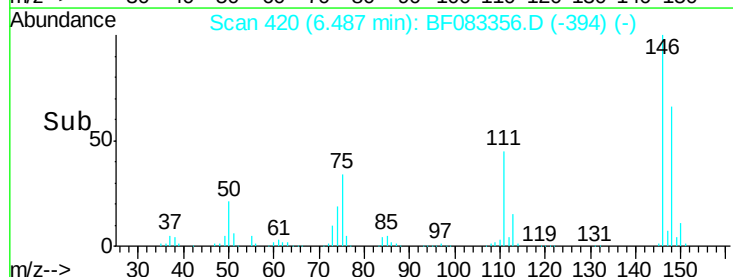
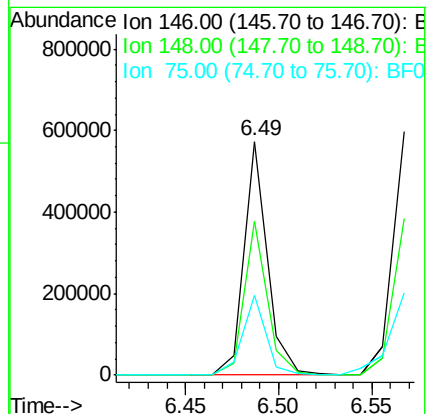
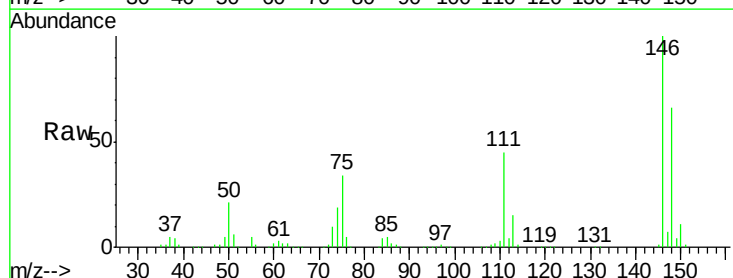
Acq: 1 Dec 2015 2:13

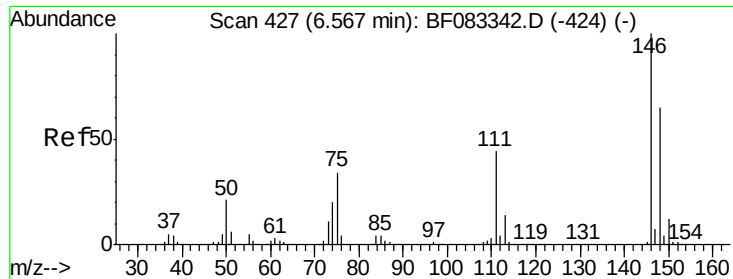
Tgt Ion: 146 Resp: 501699
Ion Ratio Lower Upper

146 100

148 65.8 51.1 76.7

75 33.9 27.5 41.3





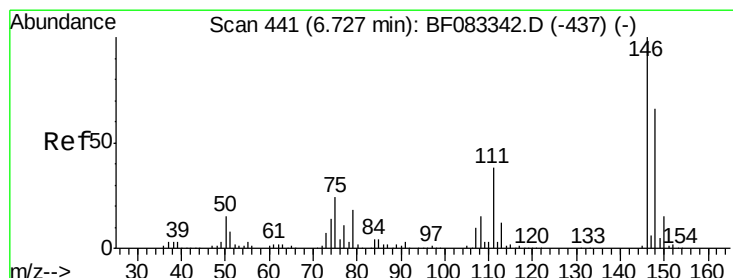
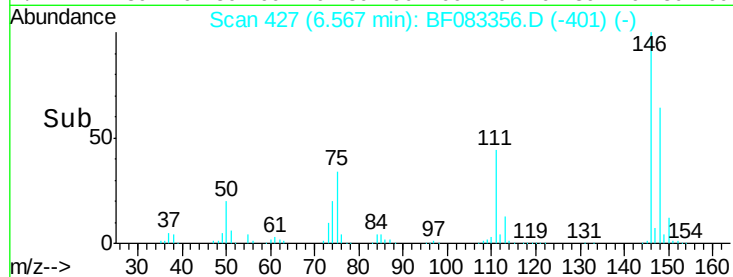
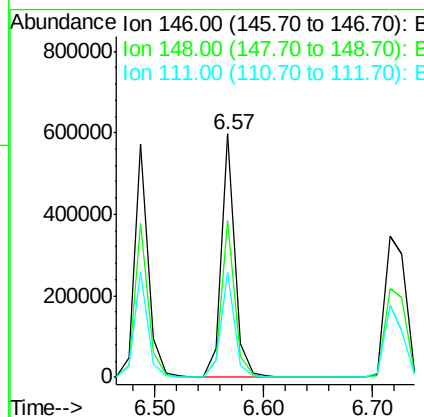
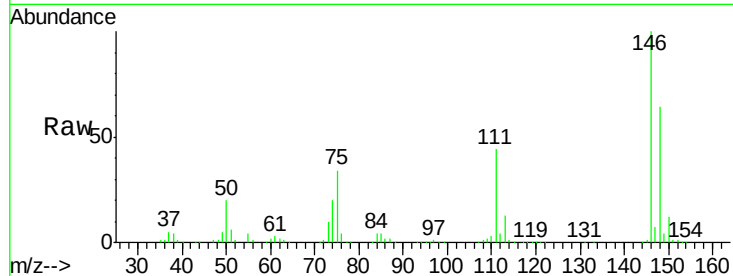
#13
 1,4-Dichlorobenzene
 Concen: 41.82 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
111	43.5	35.4	53.0

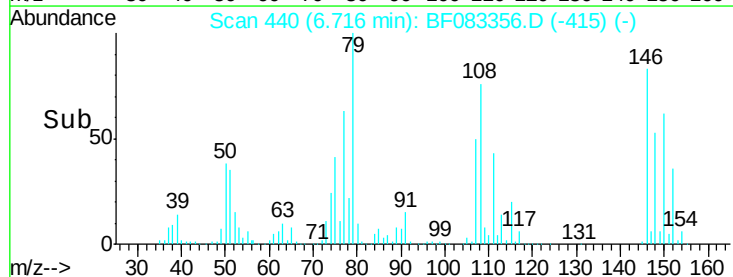
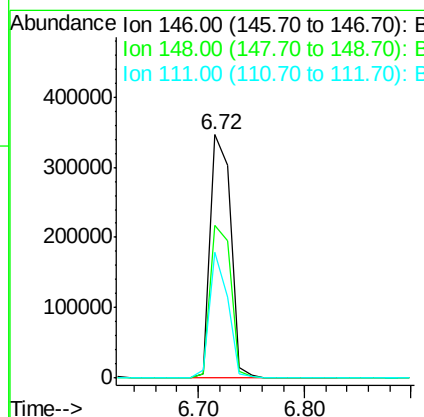
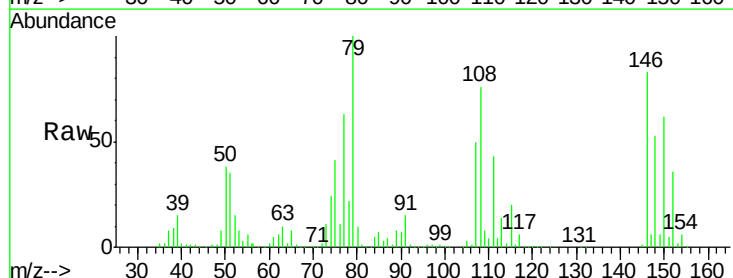
Manual Integrations
 APPROVED

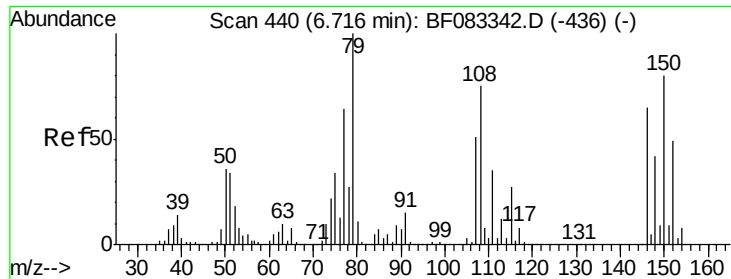
Mmdadoda
 12/1/2015 6:35:46 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.92 ng m
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.5	78.7
111	51.5	30.6	46.0





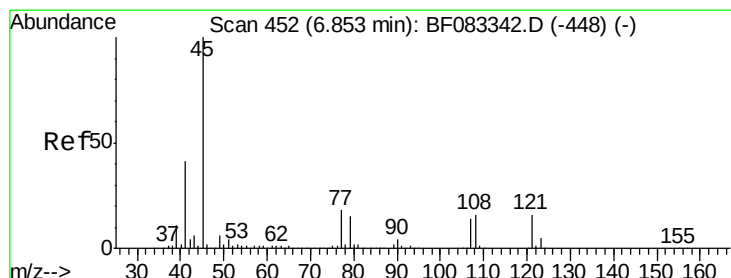
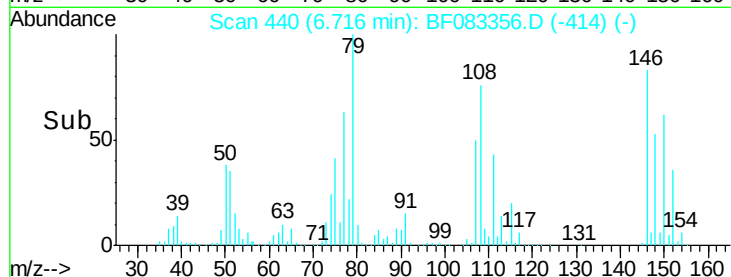
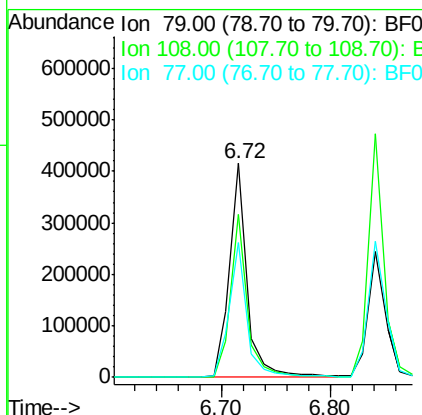
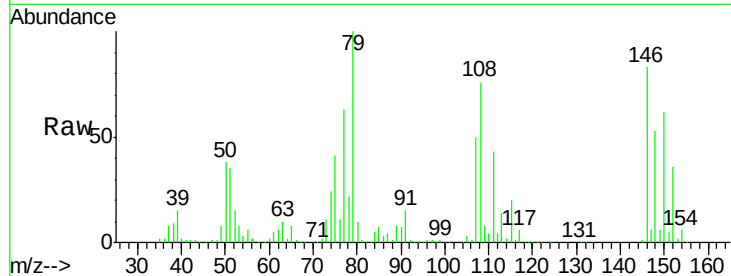
#15
Benzyl Alcohol
Concen: 44.64 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.4	59.9	89.9
77	62.8	51.0	76.6

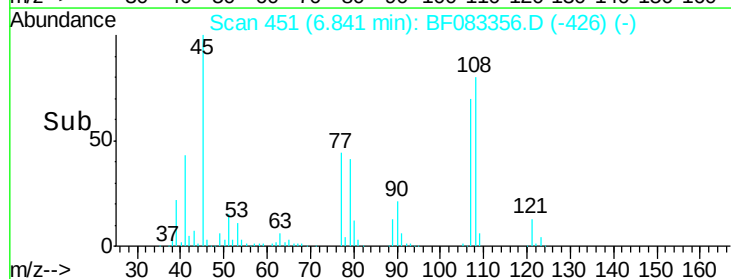
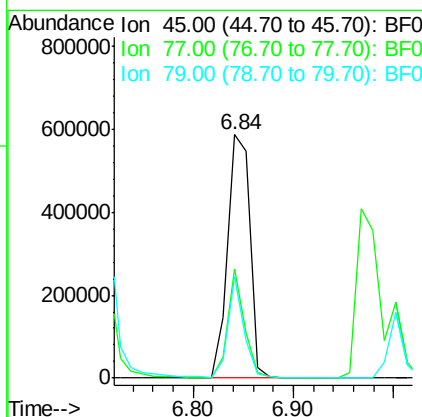
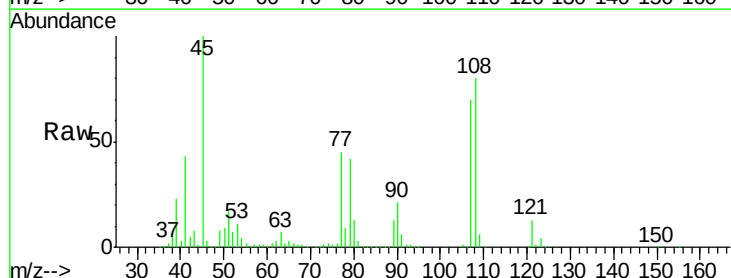
Manual Integrations
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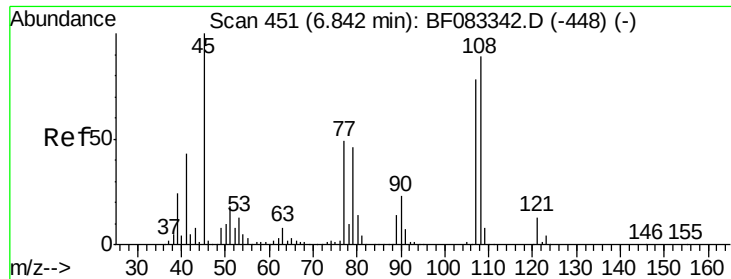
Mmdadoda
12/1/2015 6:35:46 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.77 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	44.9	0.0	38.3#
79	41.7	0.0	35.4#





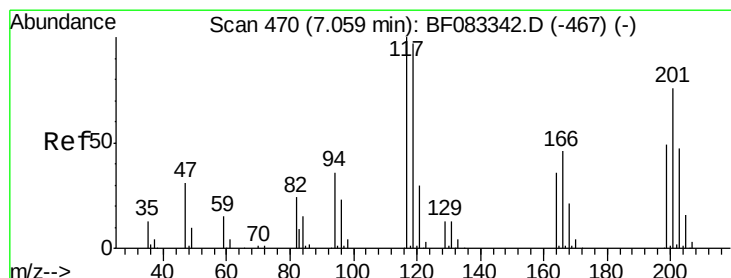
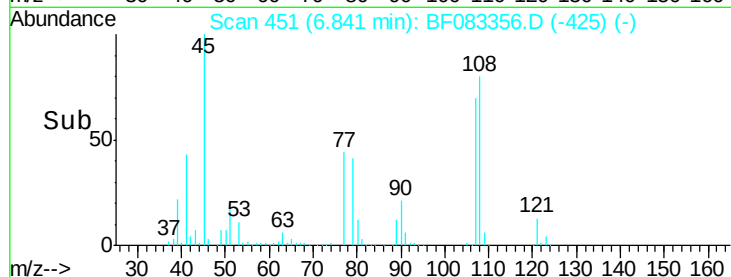
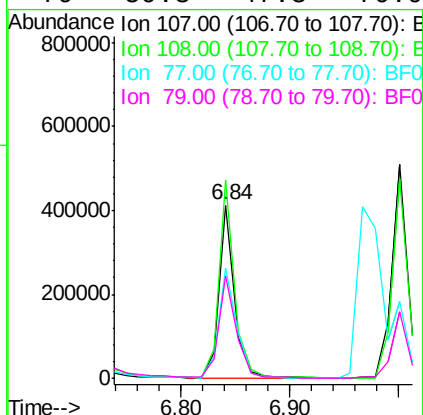
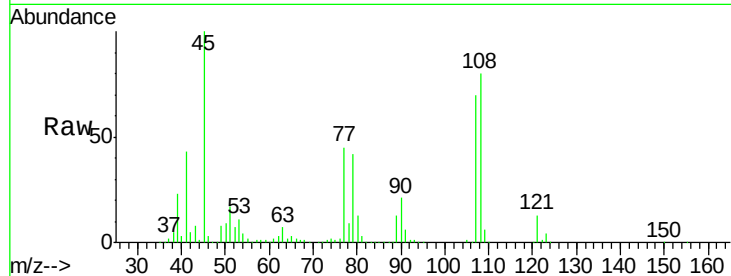
#17
2-Methylphenol
Concen: 44.38 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	408782		
108	114.4	91.6	137.4	
77	63.8	49.9	74.9	
79	59.3	47.3	70.9	

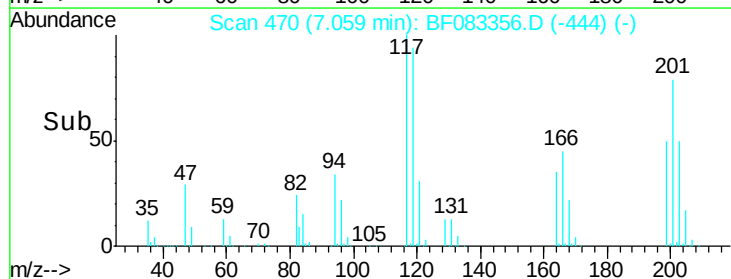
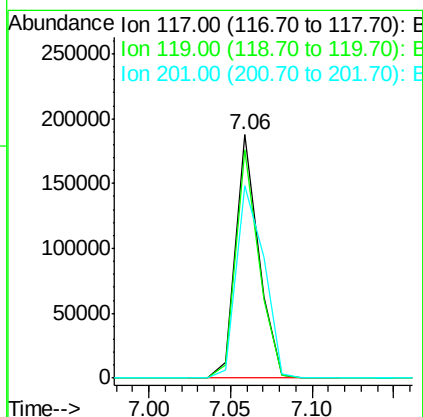
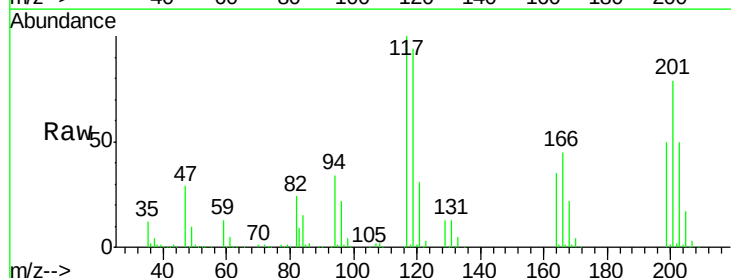
Manual Integrations
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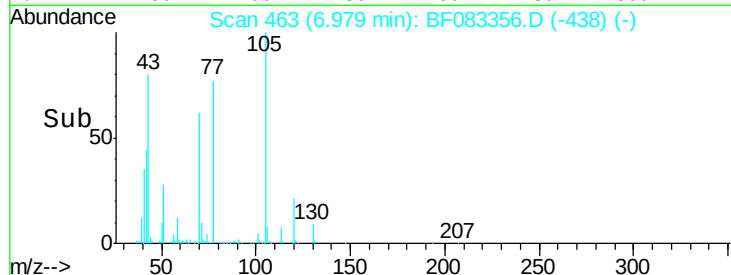
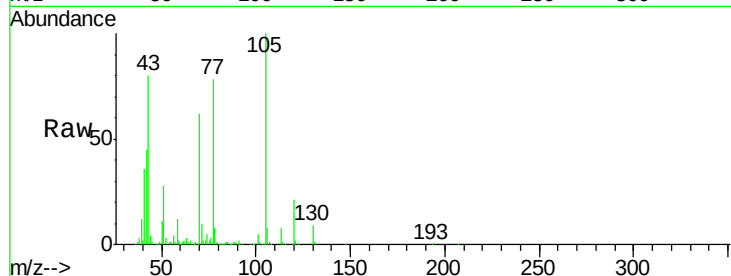
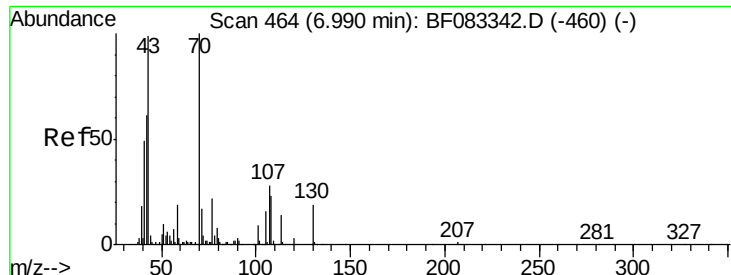
Mmdadoda
12/1/2015 6:35:46 PM



#18
Hexachloroethane
Concen: 41.23 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	181791		
119	94.0	77.3	115.9	
201	79.0	60.6	90.8	





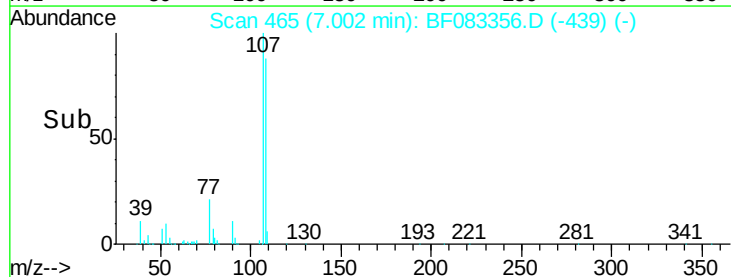
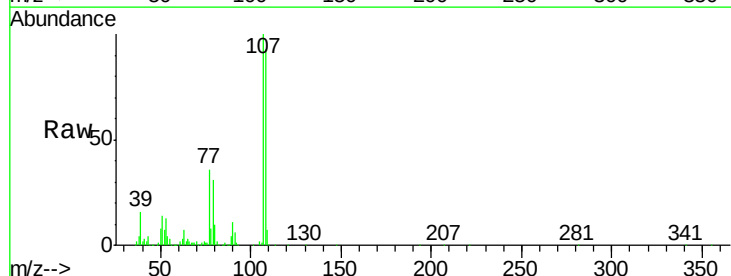
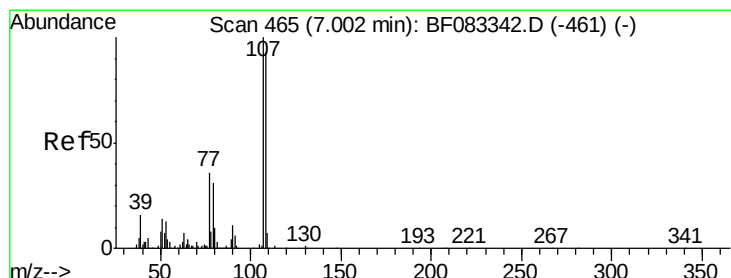
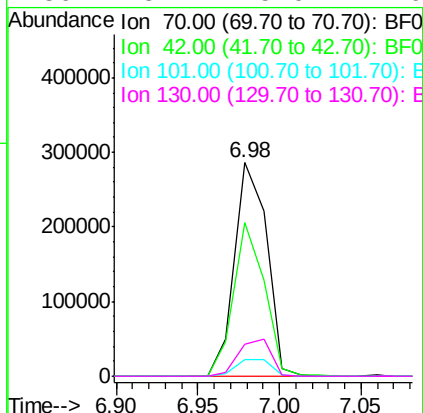
#19
n-Nitroso-di-n-propylamine
Concen: 39.95 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Manual Integrations
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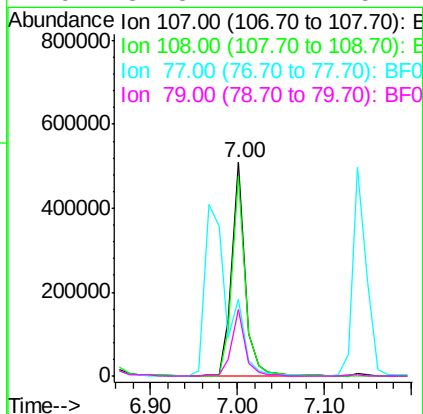
Mmdadoda
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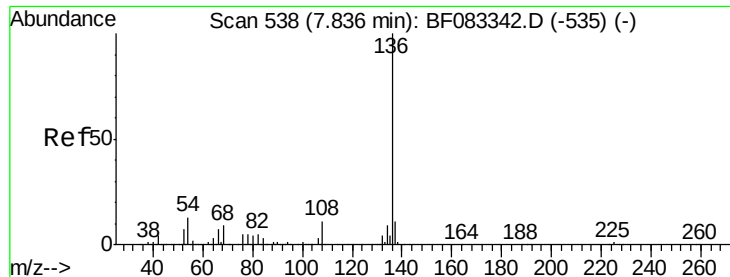
Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.7	48.8	73.2
101	8.0	7.1	10.7
130	15.1	15.0	22.6



#20
3+4-Methylphenols
Concen: 43.70 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	73.0	113.0
77	35.7	16.8	56.8
79	31.3	11.4	51.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

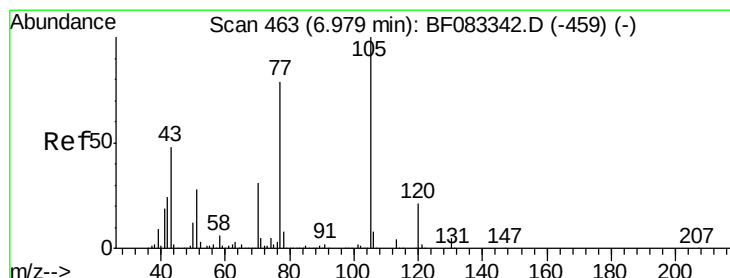
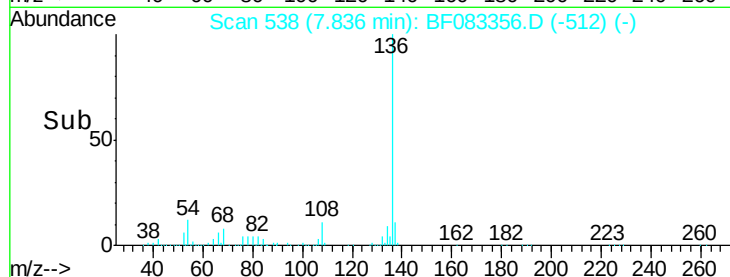
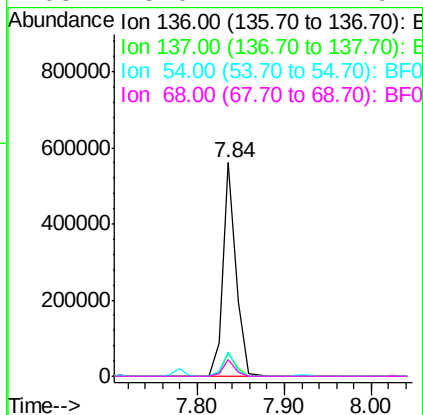
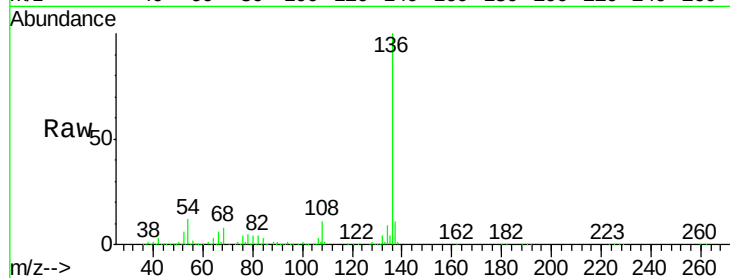
ClientSampleId :

PB86889BS

Manual Integrations
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12/1/2015 6:35:46 PM

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	587004		
137	11.1	9.0	13.4	
54	11.6	10.1	15.1	
68	8.0	7.1	10.7	



#22

Acetophenone

Concen: 39.24 ng

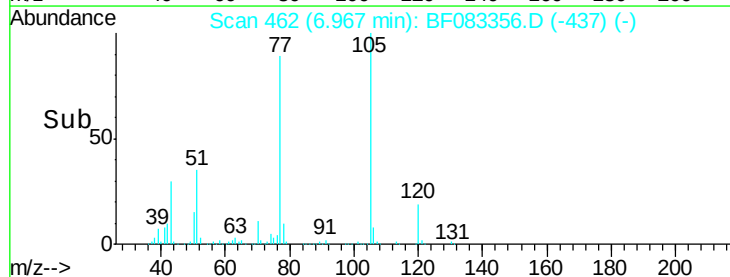
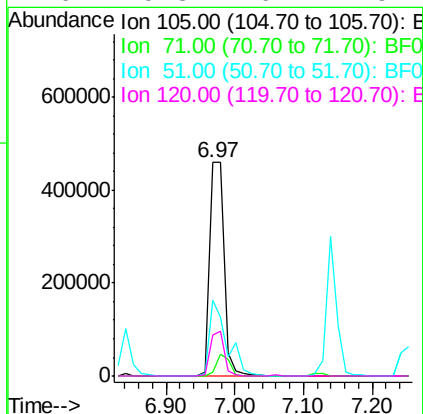
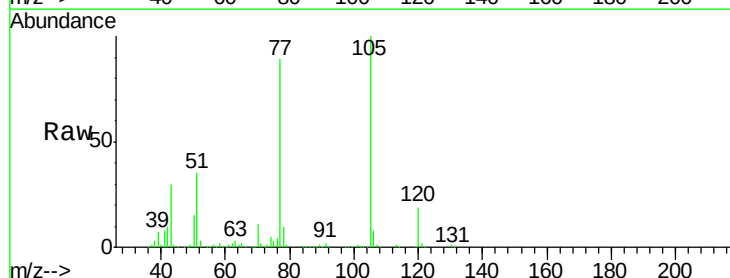
RT: 6.97 min Scan# 462

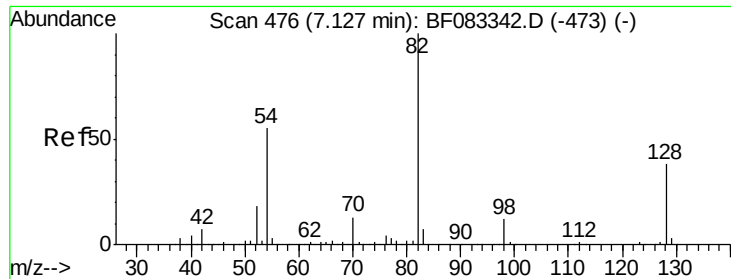
Delta R.T. -0.01 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	689184		
71	1.8	4.3	6.5#	
51	35.4	22.9	34.3#	
120	19.3	16.7	25.1	





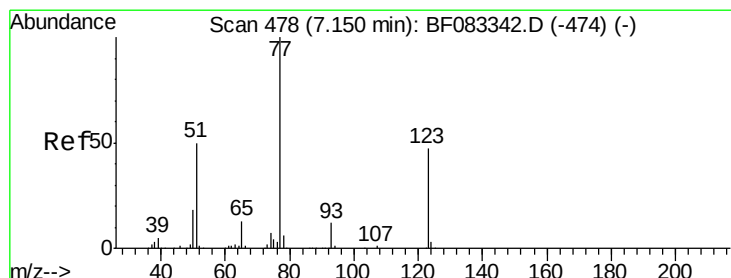
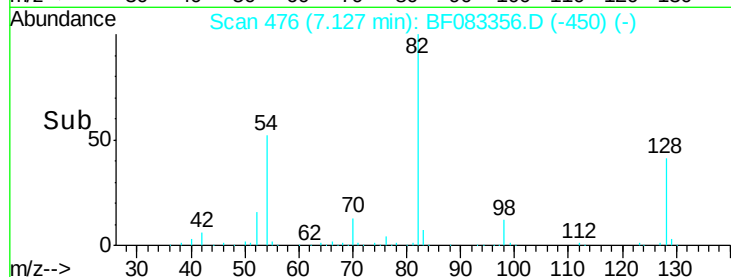
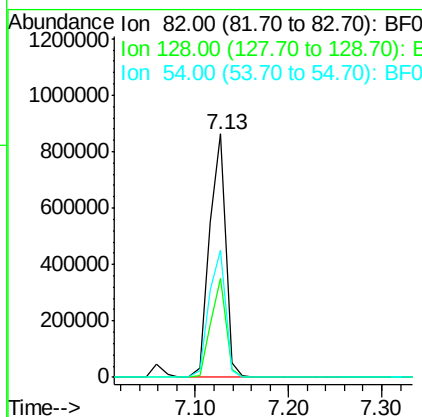
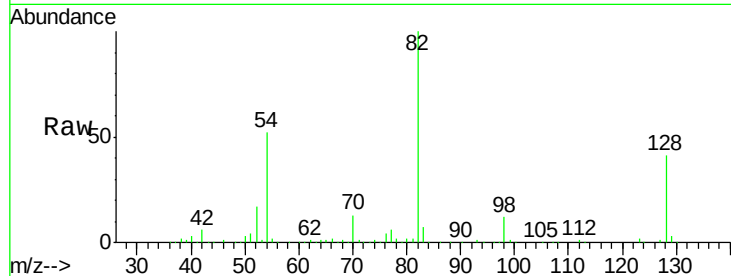
#23
 Nitrobenzene-d5
 Concen: 77.68 ng
 RT: 7.13 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion: 82 Resp: 1037237
 Ion Ratio Lower Upper
 82 100
 128 40.7 30.6 46.0
 54 52.1 43.8 65.6

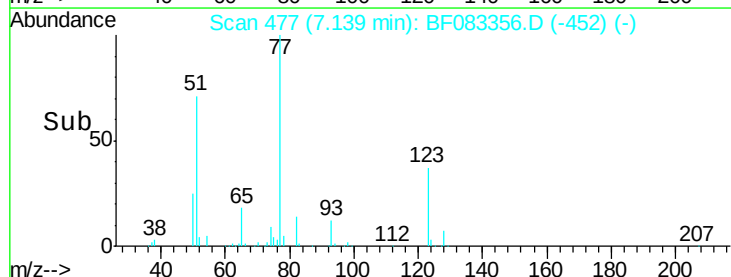
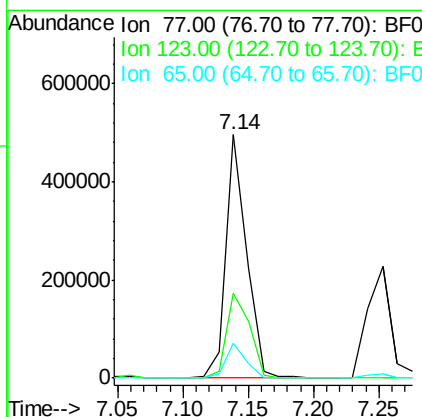
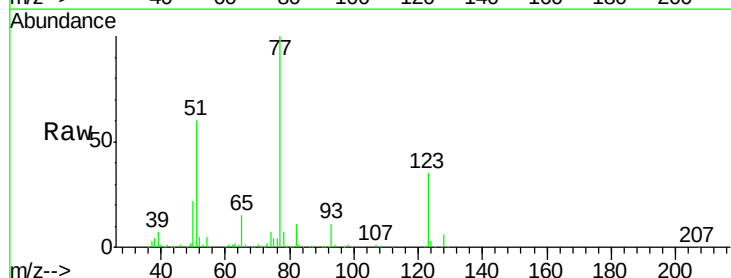
Manual Integrations
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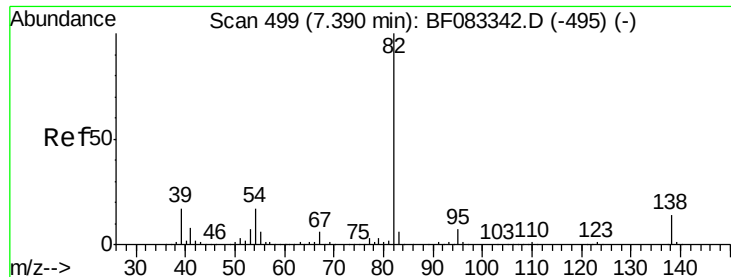
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 12/1/2015 6:35:46 PM



#24
 Nitrobenzene
 Concen: 37.93 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion: 77 Resp: 540937
 Ion Ratio Lower Upper
 77 100
 123 34.8 37.4 56.0#
 65 14.6 10.6 15.8





#25

Isophorone

Concen: 40.50 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

Tgt Ion: 82 Resp: 1047705

Ion Ratio Lower Upper

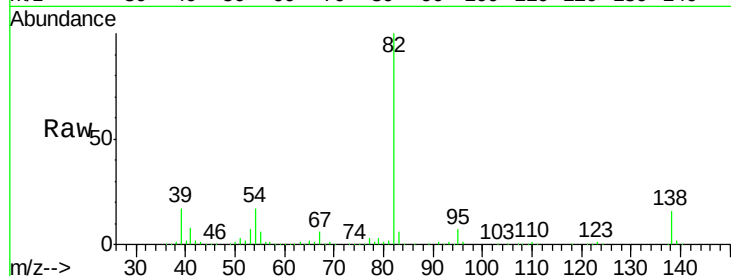
82 100

95 6.7 5.3 7.9

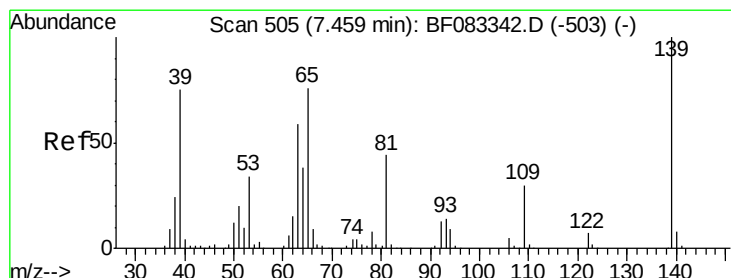
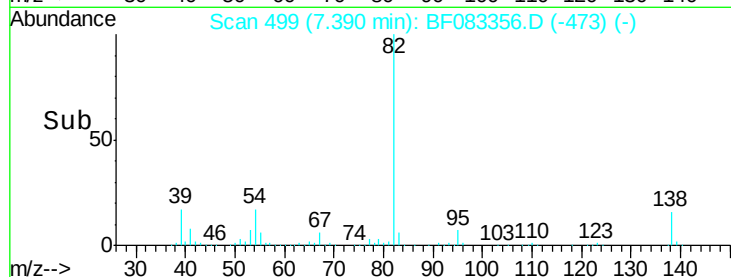
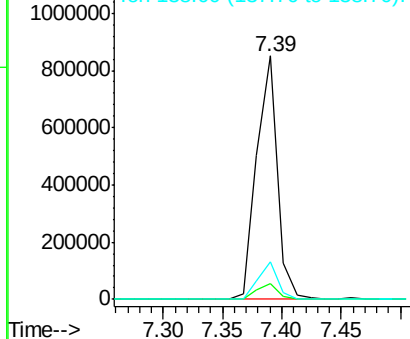
138 15.6 11.6 17.4

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



#26

2-Nitrophenol

Concen: 40.26 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

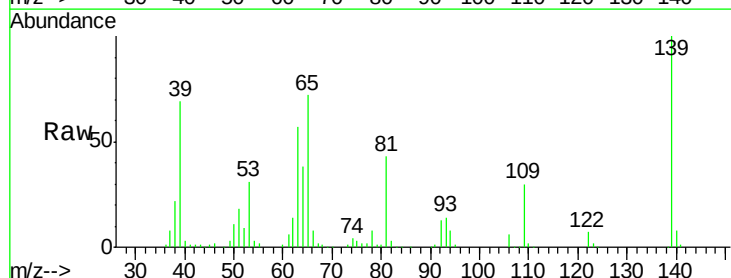
Tgt Ion: 139 Resp: 234372

Ion Ratio Lower Upper

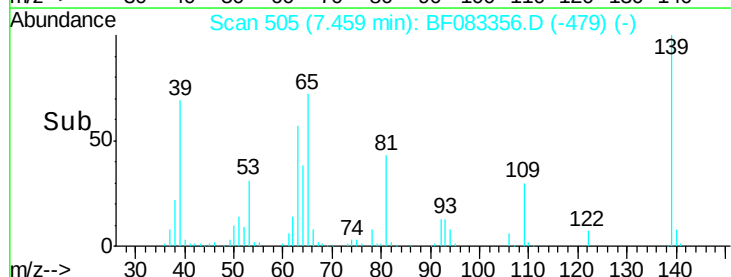
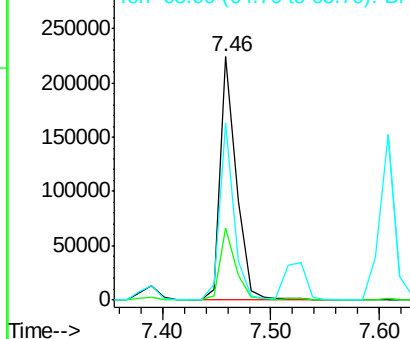
139 100

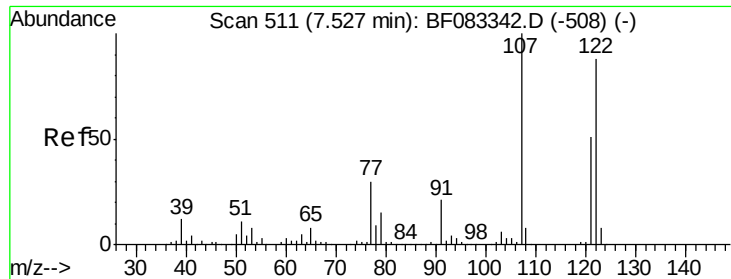
109 29.5 24.2 36.4

65 72.5 61.0 91.6



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





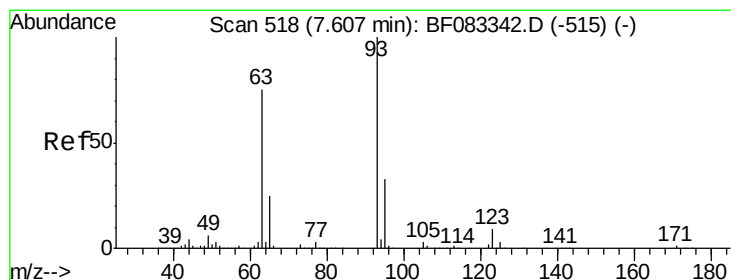
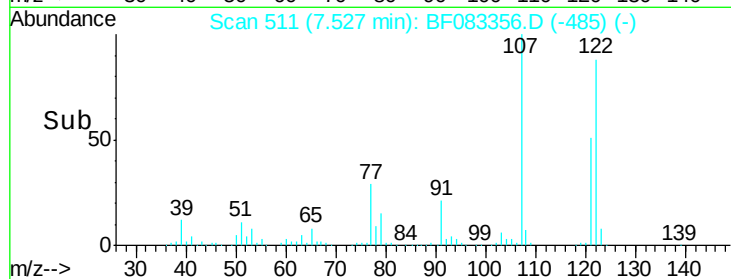
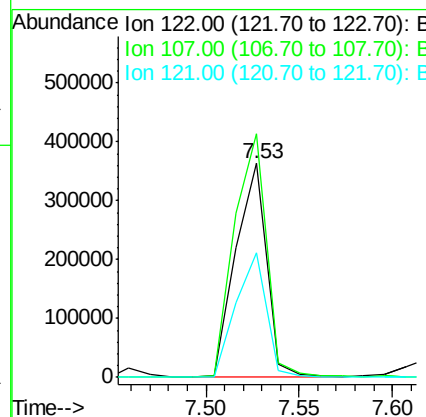
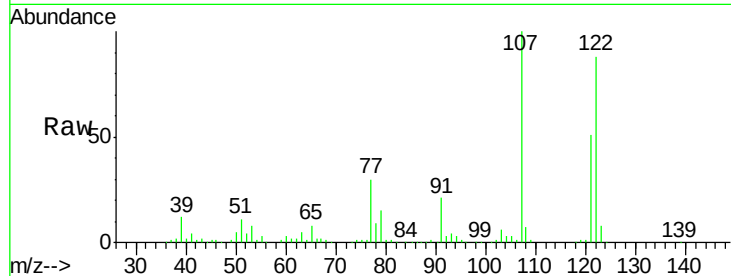
#27
2,4-Dimethylphenol
Concen: 43.60 ng
RT: 7.53 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	425402		
107	113.8	91.2	136.8	
121	57.9	46.4	69.6	

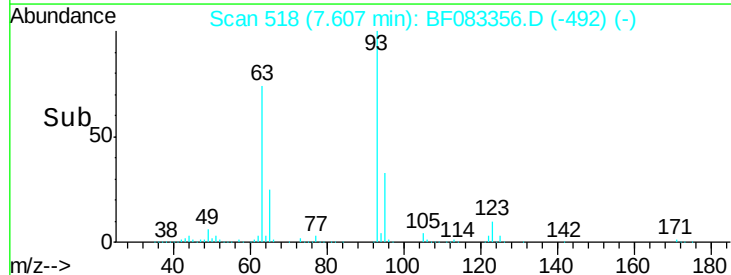
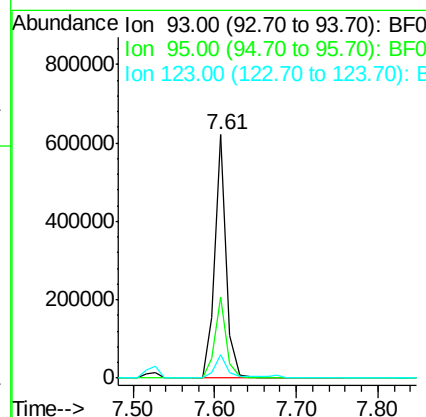
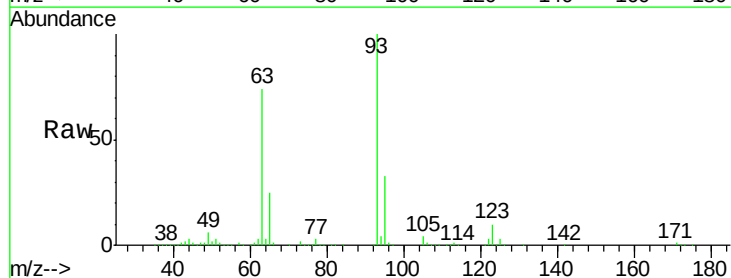
Manual Integrations
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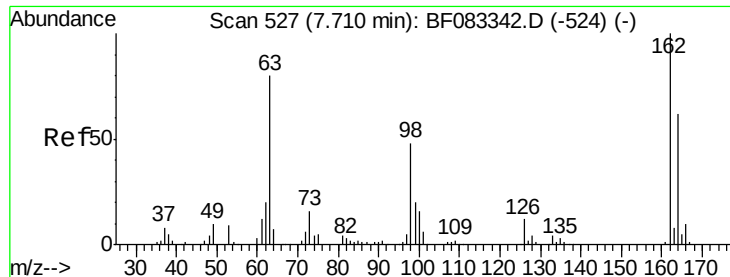
Mmdadoda
12/1/2015 6:35:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.25 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	622296		
95	33.3	26.1	39.1	
123	9.9	7.4	11.0	





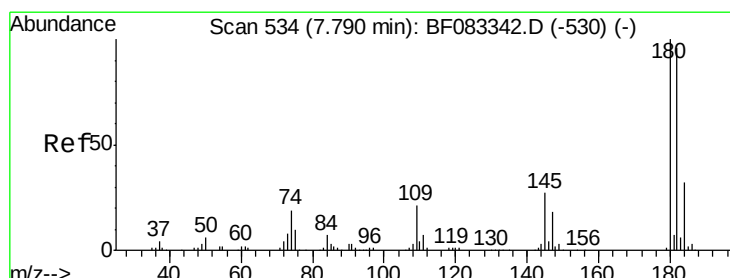
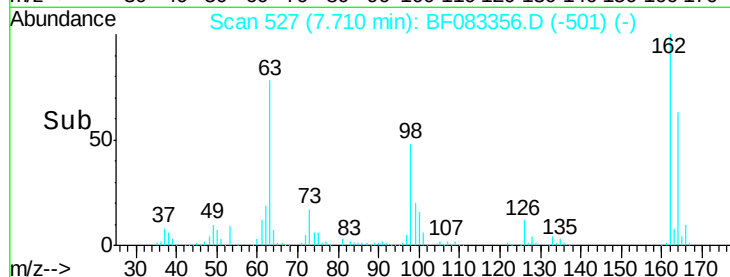
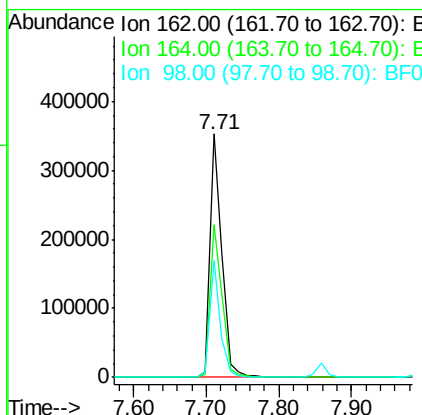
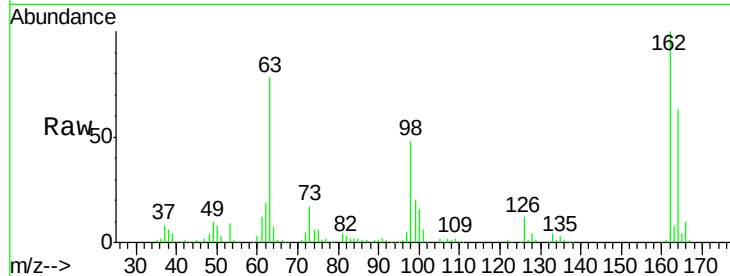
#29
 2,4-Dichlorophenol
 Concen: 42.24 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	41.9	81.9
98	48.3	28.1	68.1

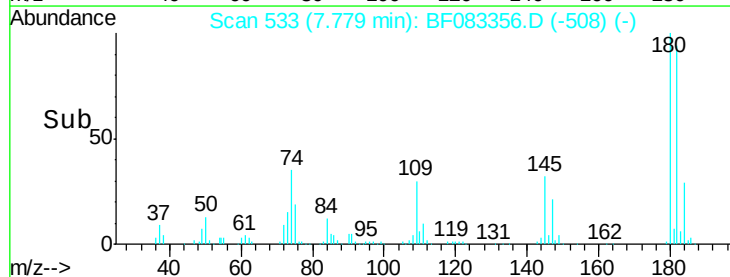
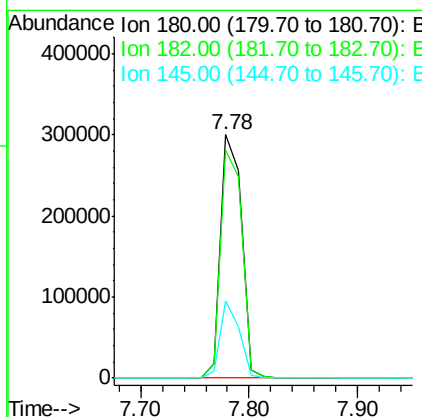
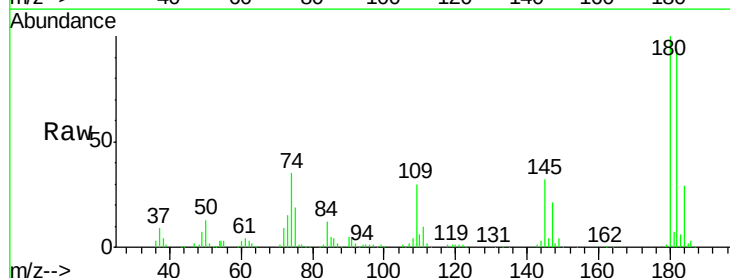
Manual Integrations
 APPROVED

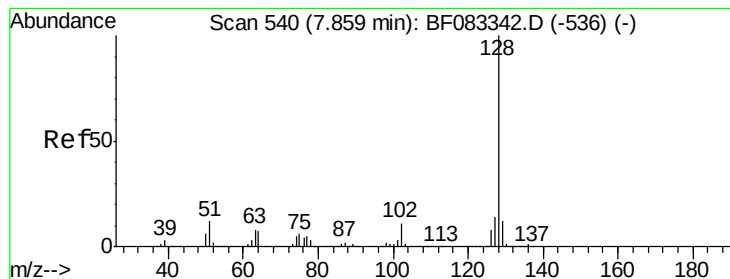
Mmdadoda
 12/1/2015 6:35:46 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.57 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.8	77.2	115.8
145	31.7	21.4	32.2





#31

Naphthalene

Concen: 41.74 ng

RT: 7.86 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

Tgt Ion:128 Resp: 1329564

Ion Ratio Lower Upper

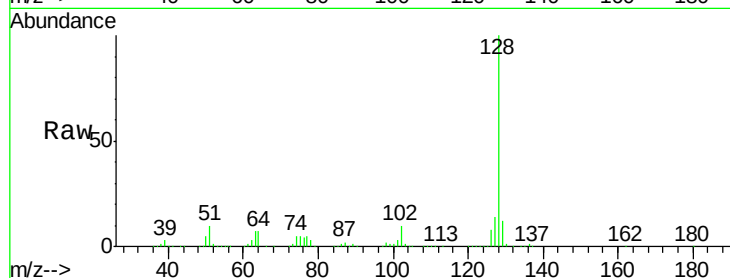
128 100

129 11.6 9.7 14.5

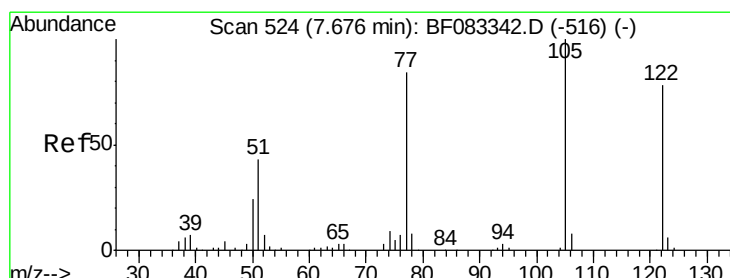
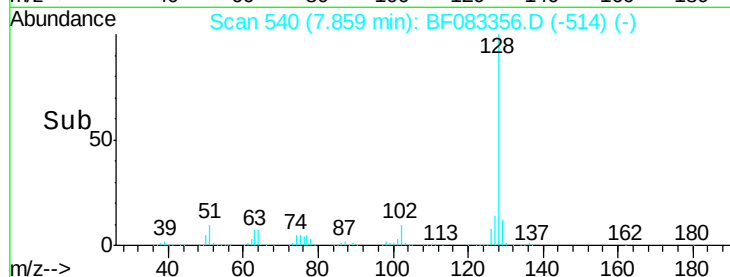
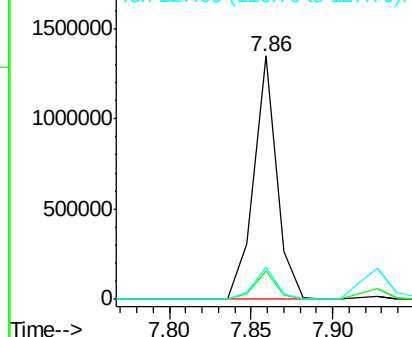
127 13.6 11.0 16.4

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



#32

Benzoic acid

Concen: 39.61 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

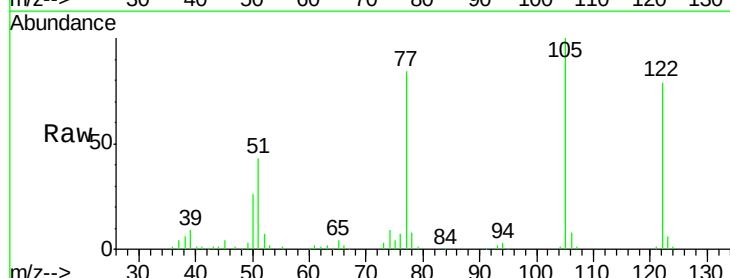
Tgt Ion:122 Resp: 266581

Ion Ratio Lower Upper

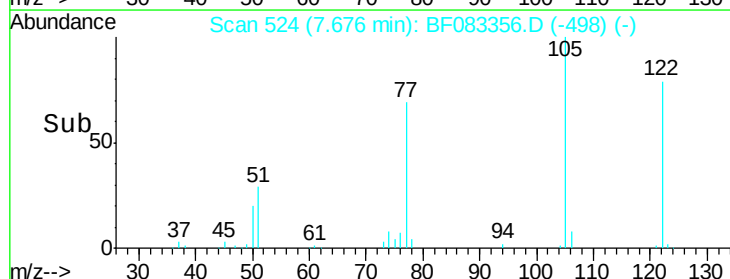
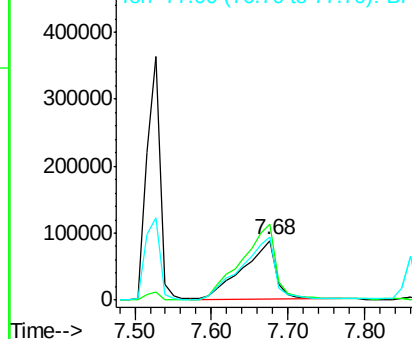
122 100

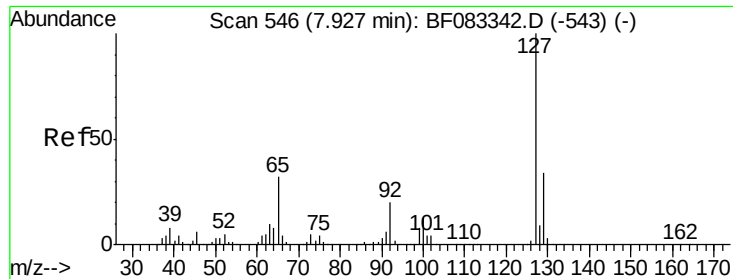
105 127.2 106.0 146.0

77 106.7 86.3 126.3



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





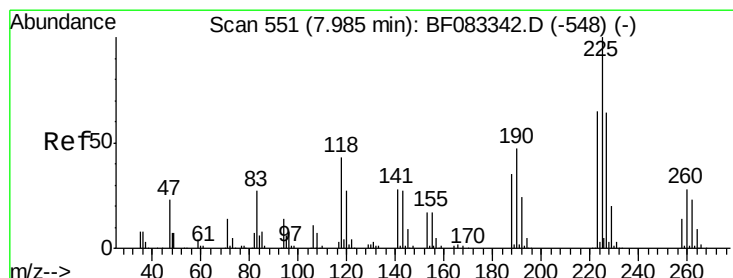
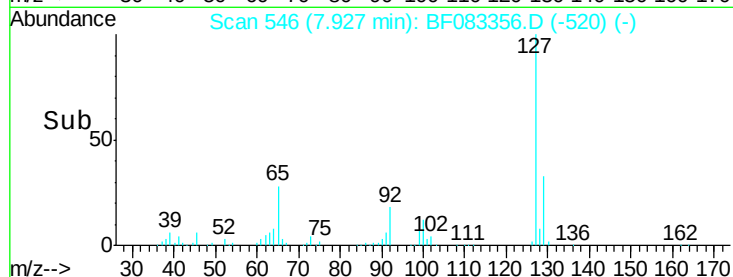
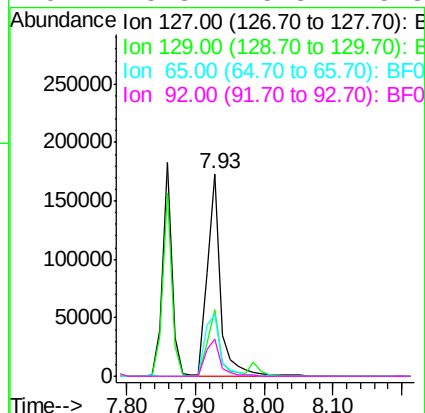
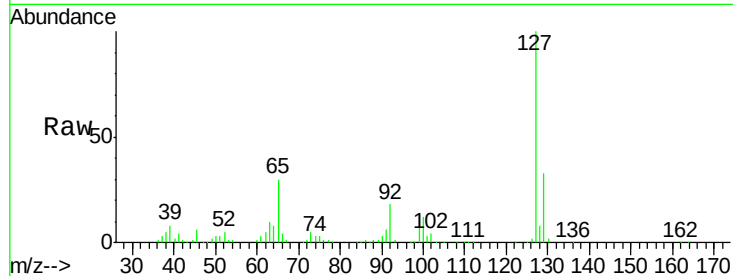
#33
4-Chloroaniline
Concen: 16.82 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.9	27.0	40.4
65	30.5	25.9	38.9
92	18.3	15.8	23.8

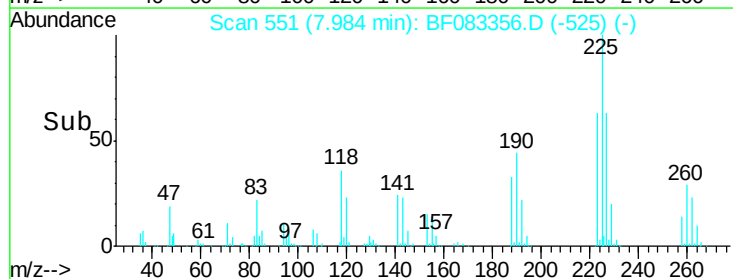
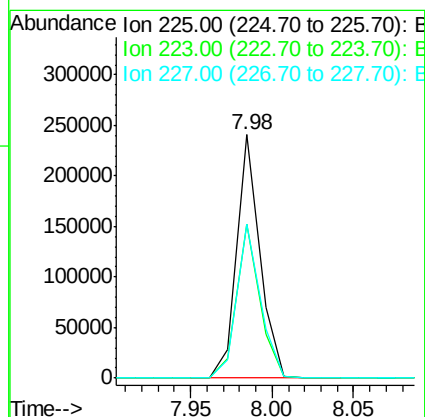
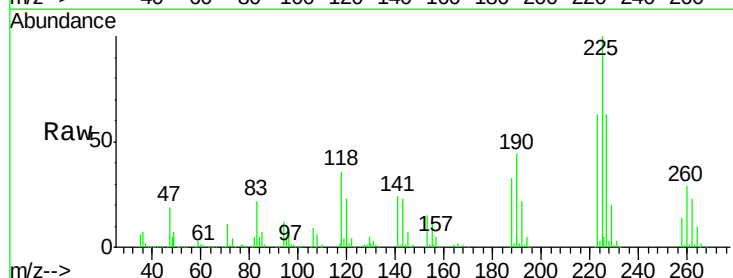
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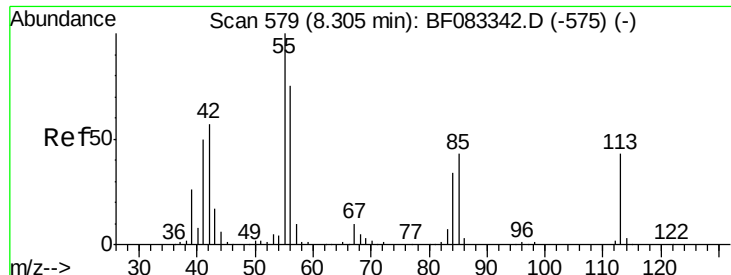
Mmdadoda
12/1/2015 6:35:46 PM



#34
Hexachlorobutadiene
Concen: 40.39 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.0	52.0	78.0
227	63.2	51.1	76.7





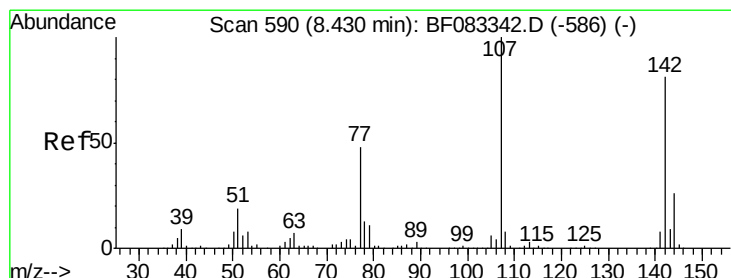
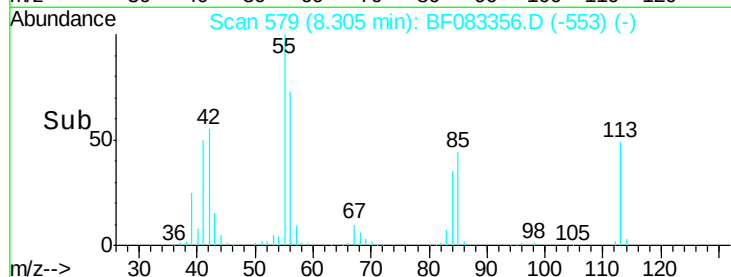
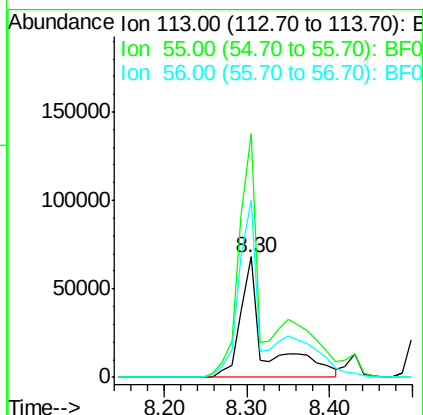
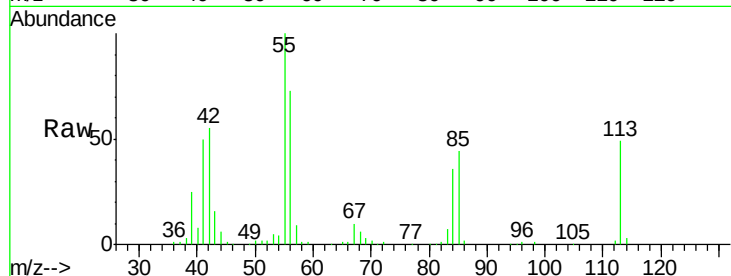
#35
 Caprolactam
 Concen: 47.80 ng m
 RT: 8.30 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion:113 Resp: 141733
 Ion Ratio Lower Upper
 113 100
 55 202.5 211.6 251.6#
 56 147.3 153.0 193.0#

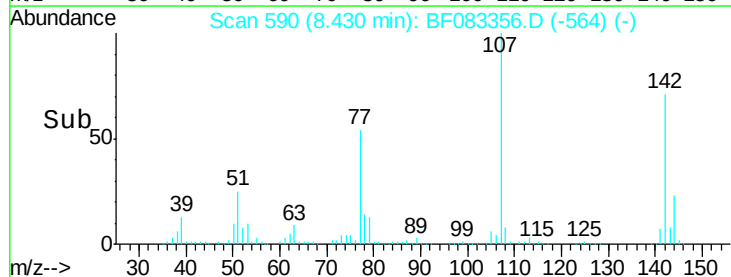
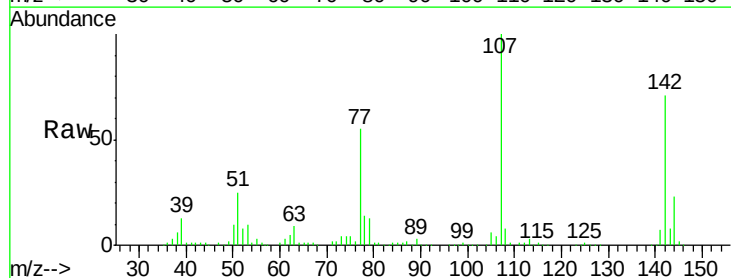
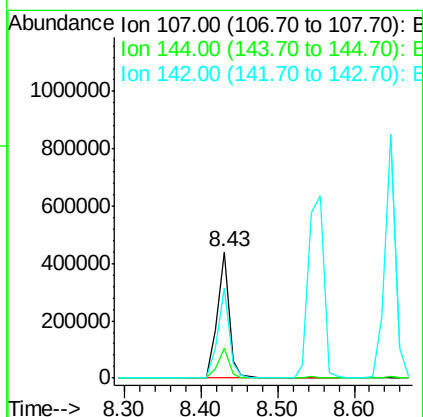
Manual Integrations
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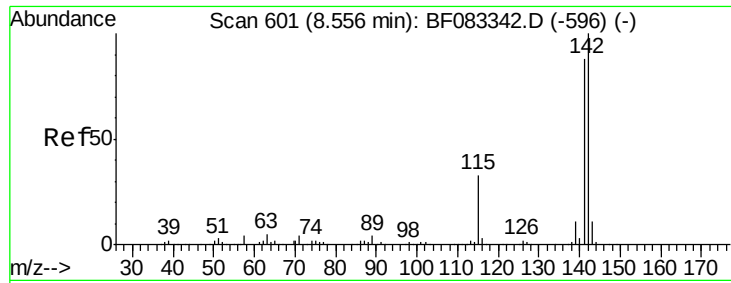
Mmdadoda
 12/1/2015 6:35:46 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.42 ng
 RT: 8.43 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

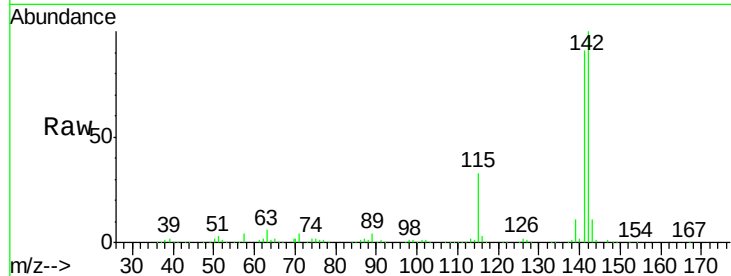
Tgt Ion:107 Resp: 478095
 Ion Ratio Lower Upper
 107 100
 144 23.2 21.1 31.7
 142 70.9 65.1 97.7





#37
 2-Methylnaphthalene
 Concen: 41.27 ng
 RT: 8.56 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

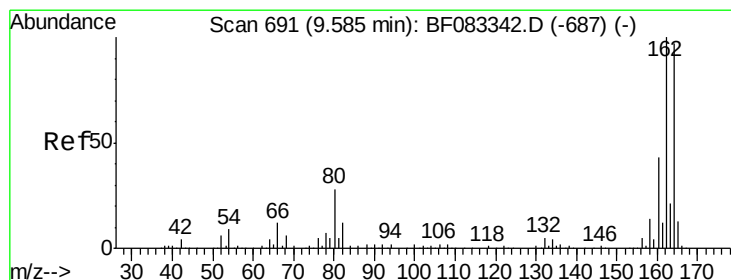
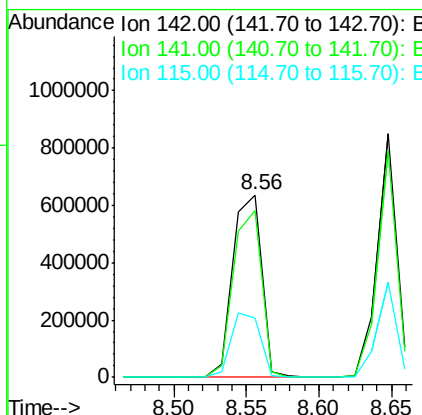
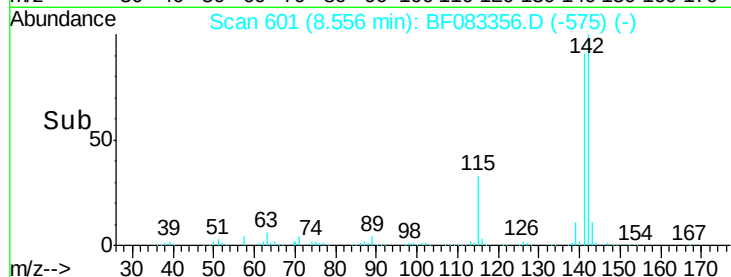
Instrument :
 BNA_F
 ClientSampled :
 PB86889BS



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	878366		
141	91.2	70.6	105.8	
115	32.8	26.2	39.2	

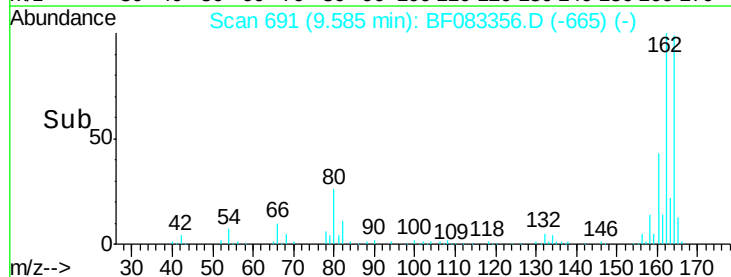
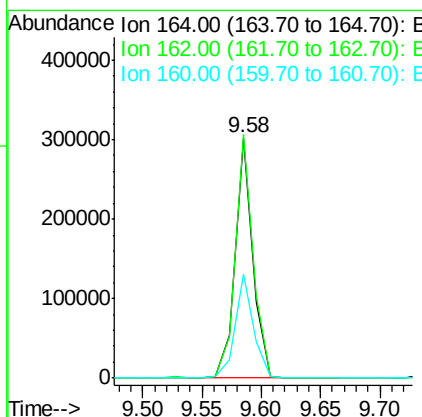
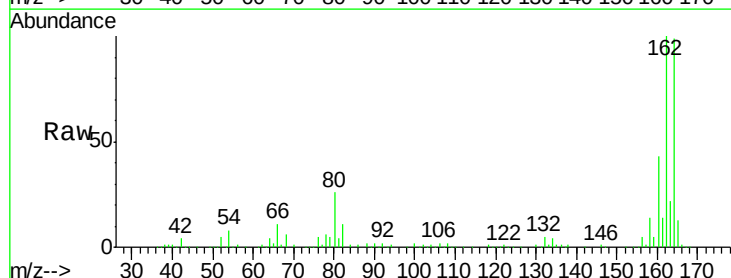
Manual Integrations
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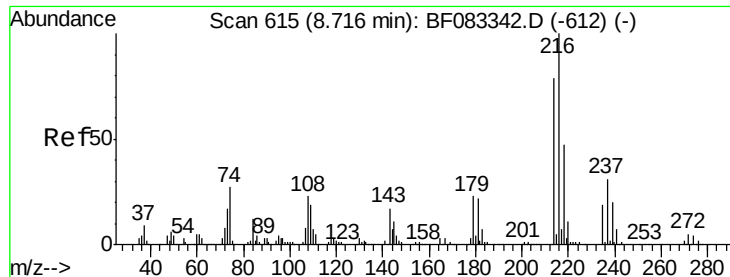
Mmdadoda
 12/1/2015 6:35:46 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	313253		
162	101.3	82.6	123.8	
160	43.5	35.3	52.9	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.80 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083356.D

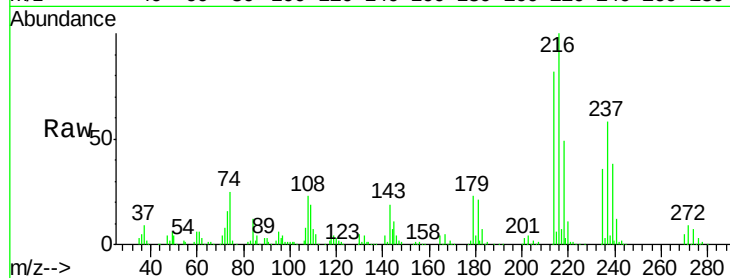
Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS



Tgt Ion: 216 Resp: 375358

Ion Ratio Lower Upper

216 100

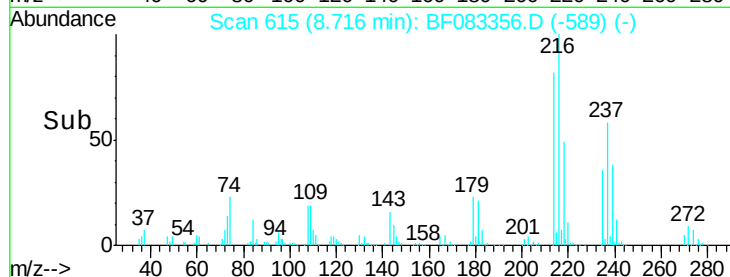
214 79.7 62.3 93.5

179 21.4 17.0 25.4

108 22.8 16.7 25.1

Manual Integrations
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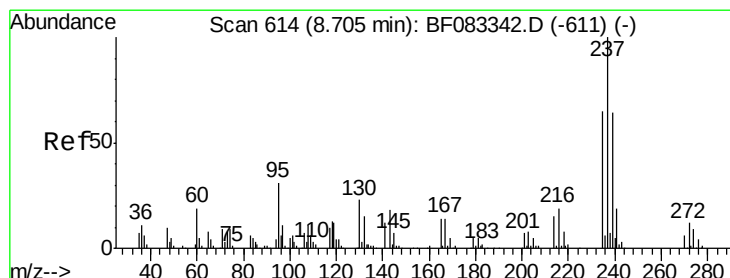
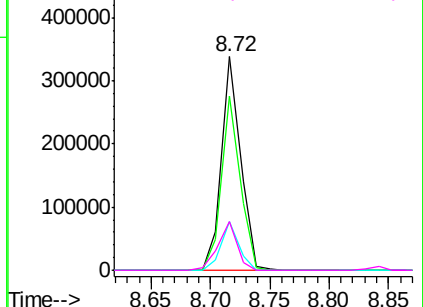


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.80 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

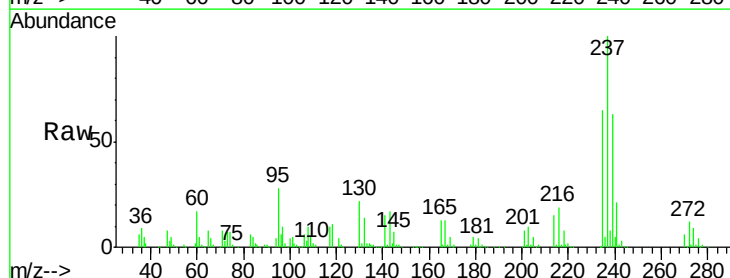
Tgt Ion: 237 Resp: 395296

Ion Ratio Lower Upper

237 100

235 64.8 44.5 84.5

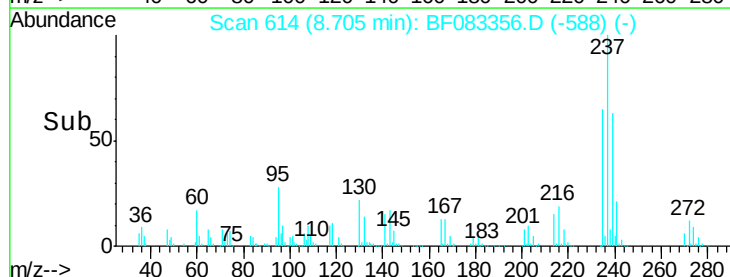
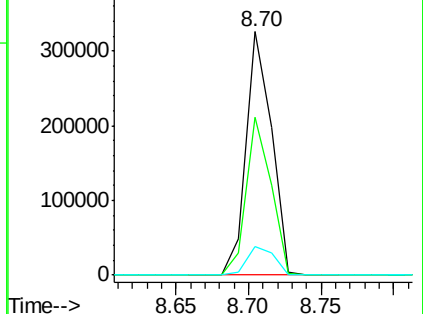
272 11.9 0.0 31.6

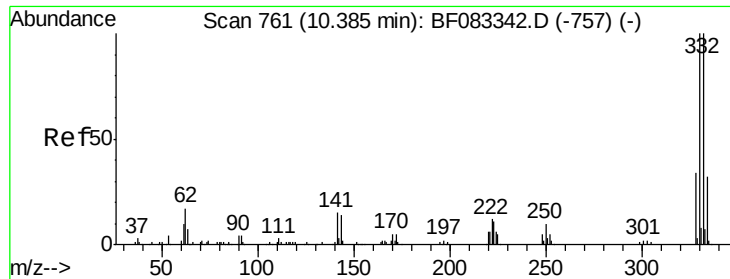


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





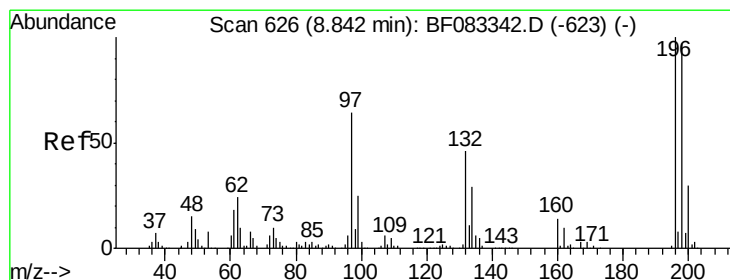
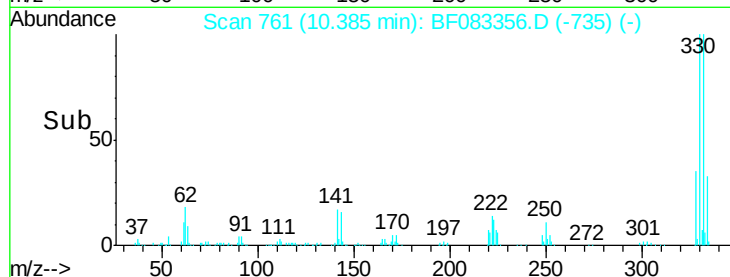
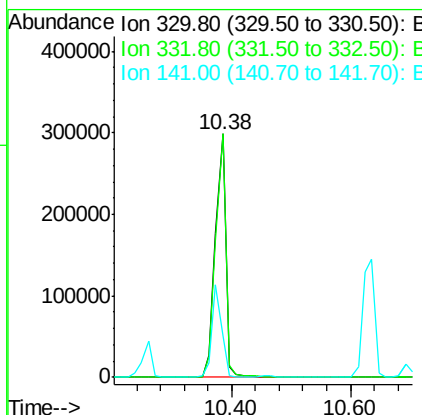
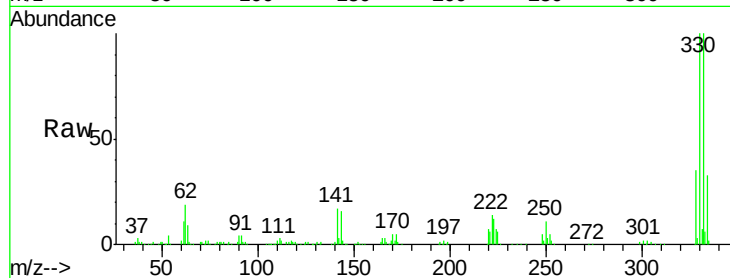
#41
 2,4,6-Tribromophenol
 Concen: 116.07 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	364994		
332	97.6	77.8	116.6	
141	35.5	29.4	44.0	

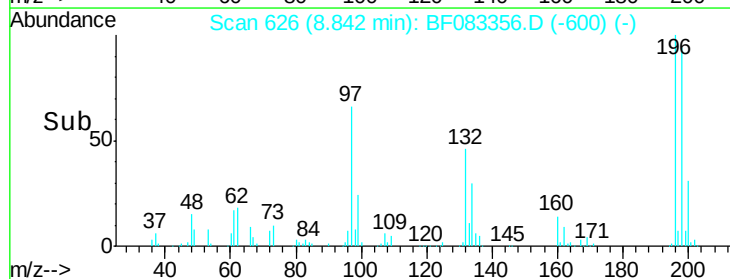
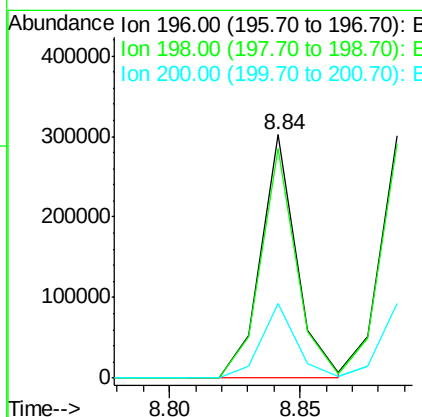
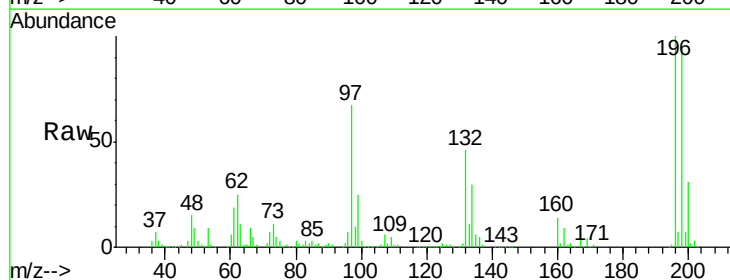
Manual Integrations
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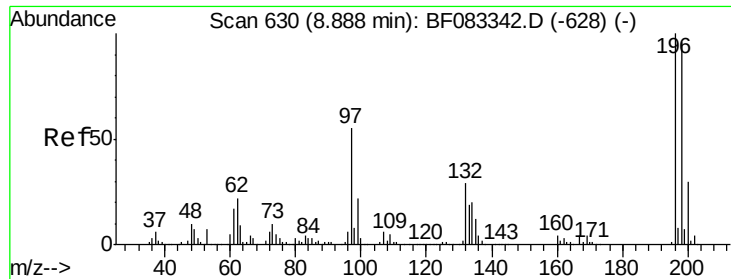
Mmdadoda
 12/1/2015 6:35:46 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.41 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

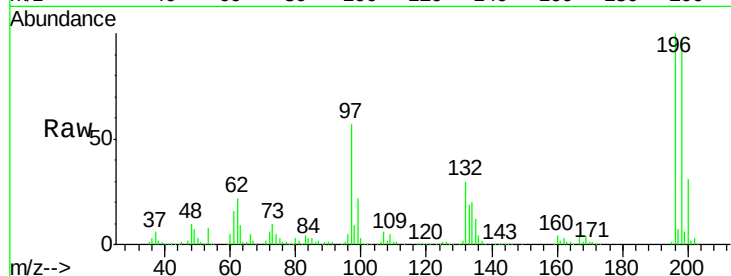
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288424		
198	94.2	77.2	115.8	
200	30.9	24.2	36.4	





#43
 2,4,5-Trichlorophenol
 Concen: 43.30 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

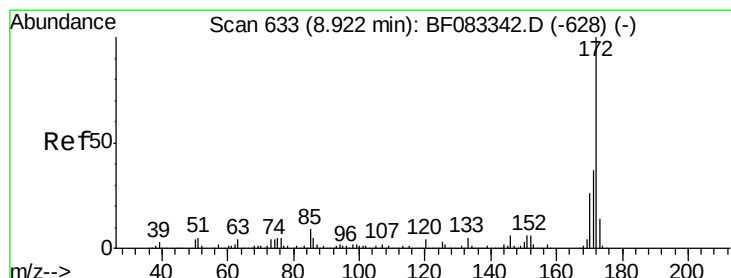
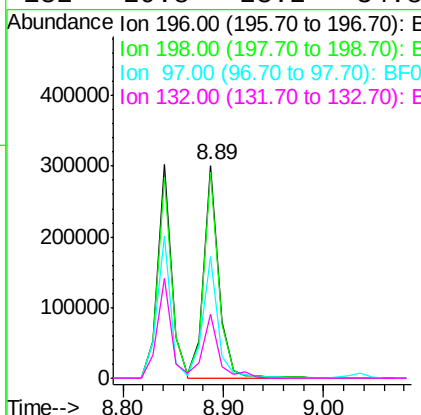
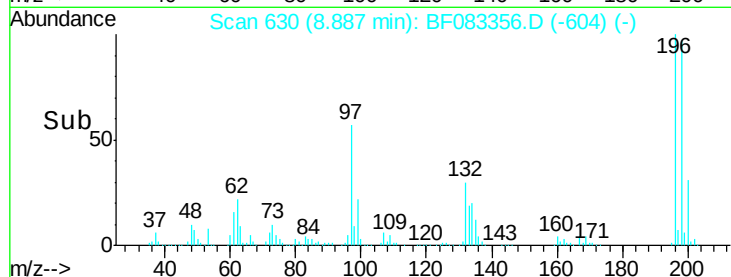
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS



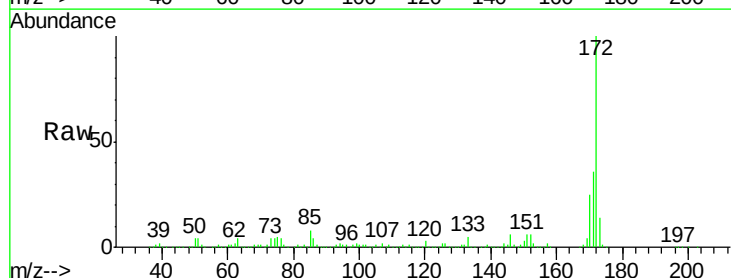
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312521		
198	96.9	77.2	115.8	
97	57.1	44.4	66.6	
132	29.8	23.2	34.8	

Manual Integrations
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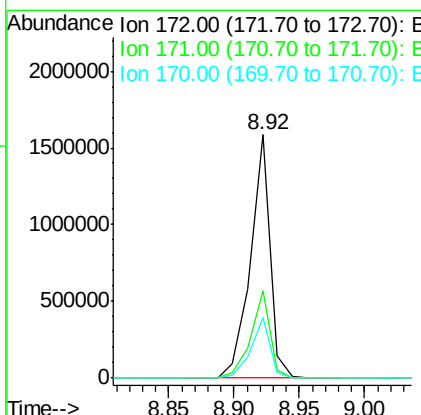
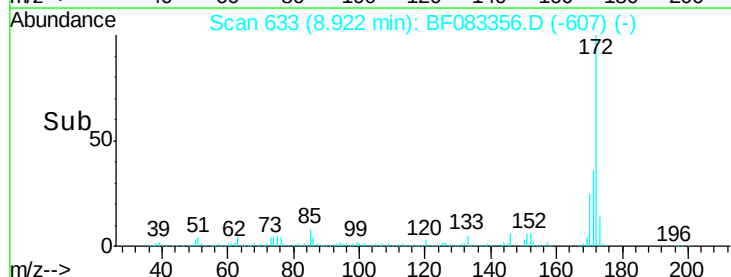
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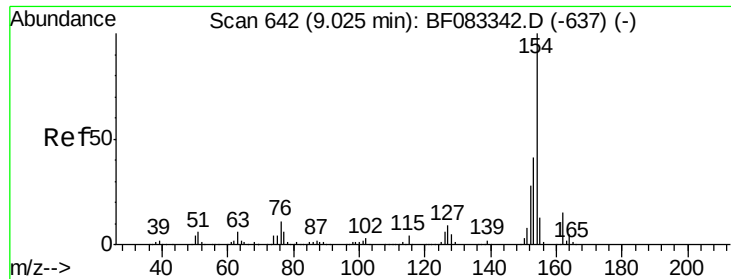


#44
 2-Fluorobiphenyl
 Concen: 75.19 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1652924		
171	35.7	29.4	44.0	
170	24.7	20.4	30.6	





#45

1,1'-Biphenyl

Concen: 37.47 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampled :

PB86889BS

Tgt Ion:154 Resp: 1029407

Ion Ratio Lower Upper

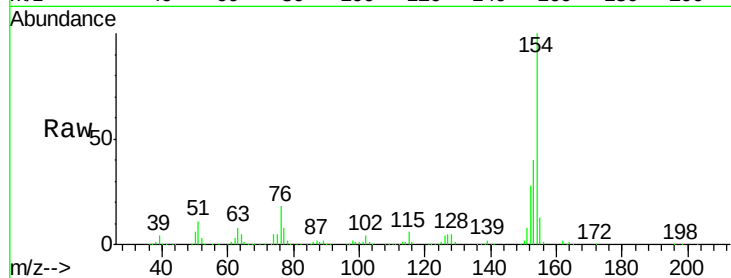
154 100

153 40.3 20.6 60.6

76 18.1 0.0 30.5

Manual Integrations
APPROVED

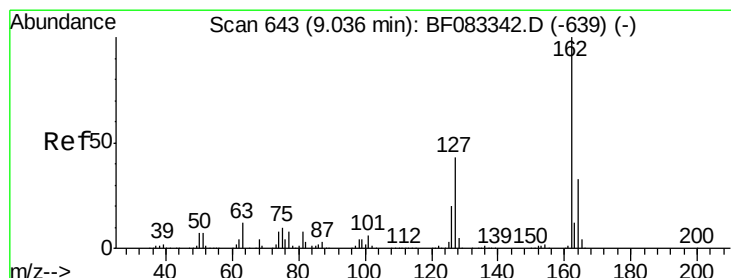
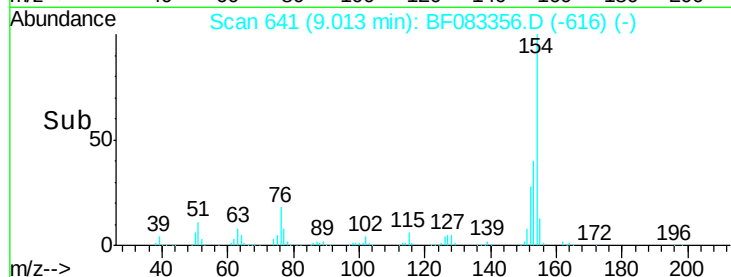
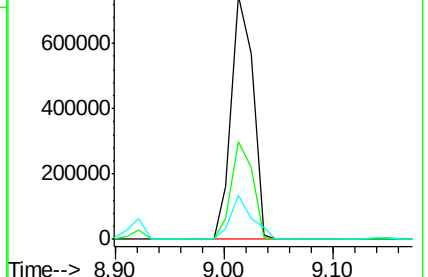
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.57 ng

RT: 9.04 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

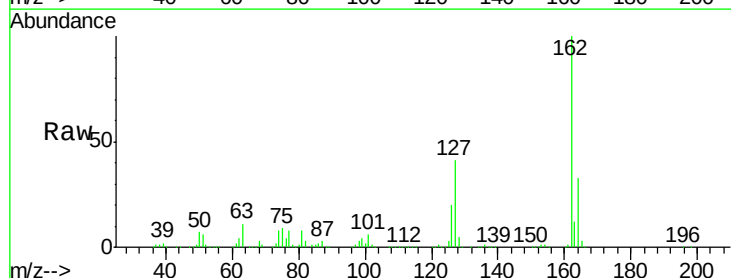
Tgt Ion:162 Resp: 849265

Ion Ratio Lower Upper

162 100

127 41.3 34.1 51.1

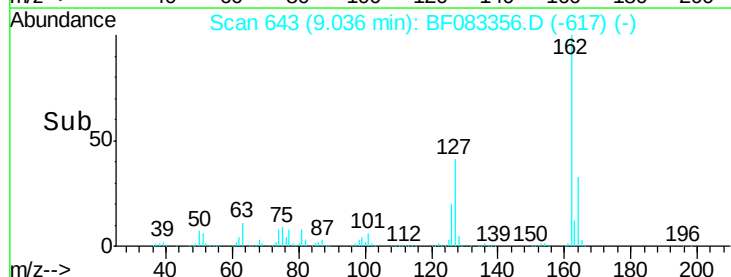
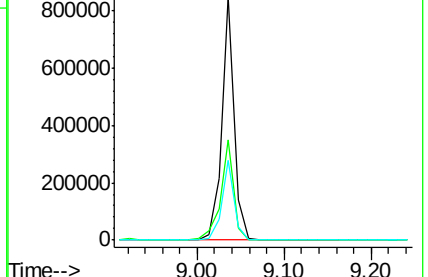
164 32.9 26.6 39.8

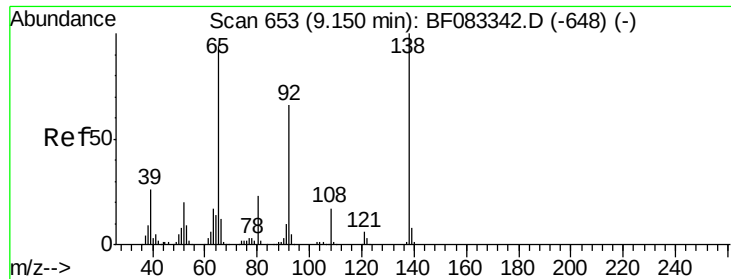


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.45 ng

RT: 9.15 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

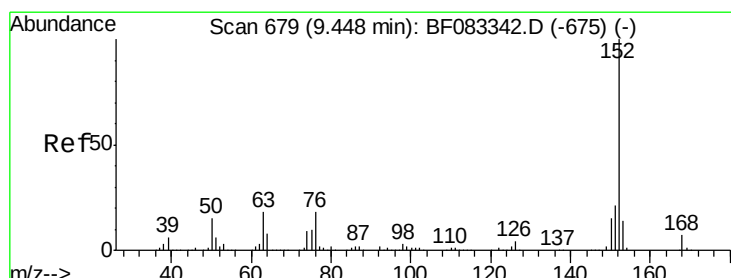
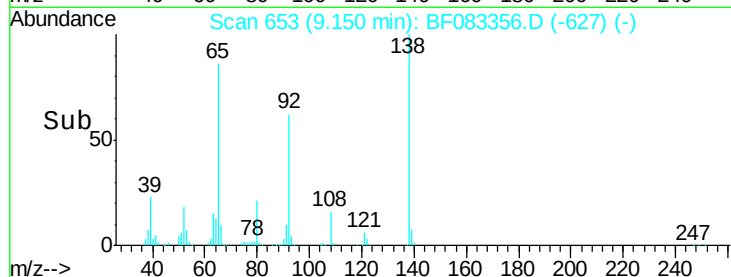
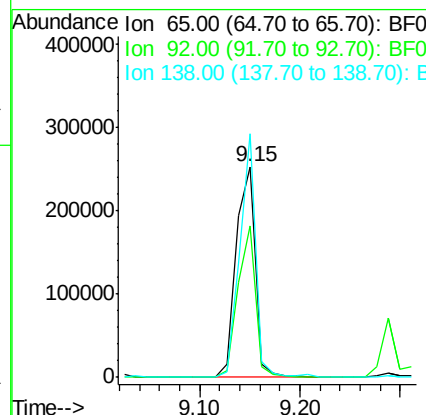
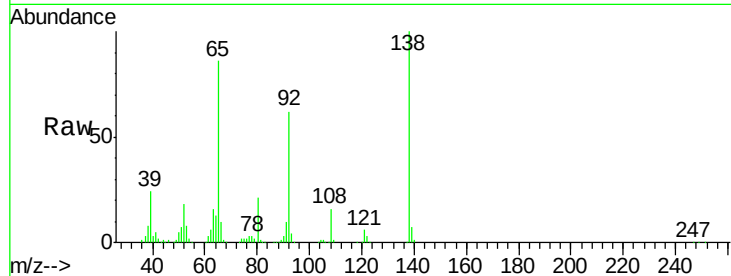
ClientSampleId :

PB86889BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	56.2	84.4
138	115.6	85.4	128.0

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#48

Acenaphthylene

Concen: 39.45 ng

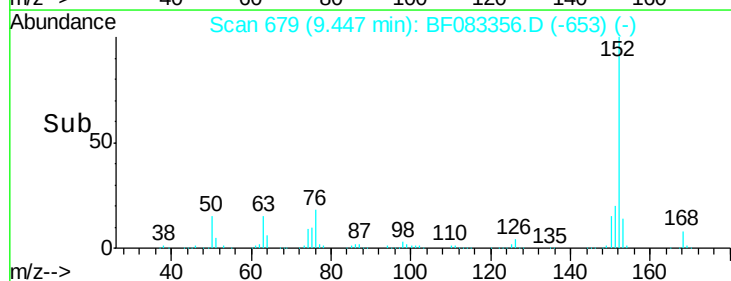
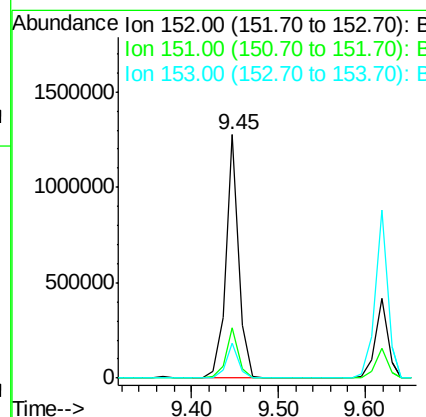
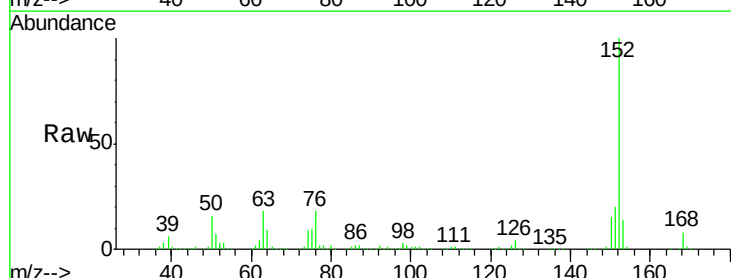
RT: 9.45 min Scan# 679

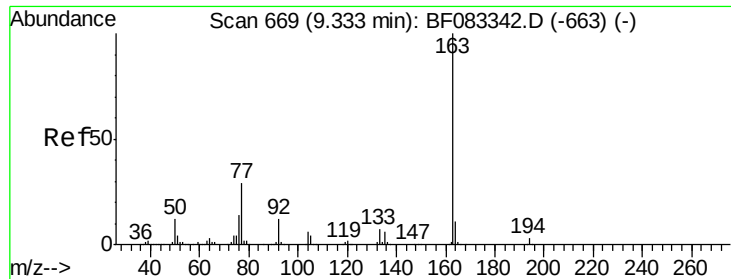
Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	14.2	11.2	16.8





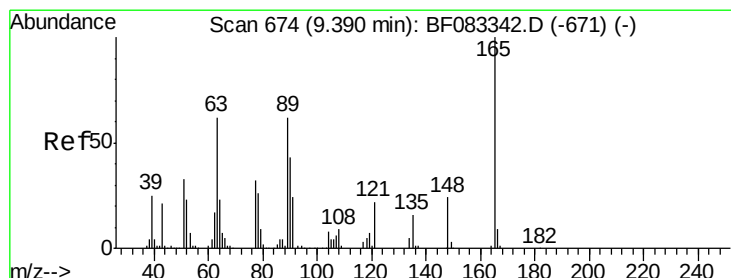
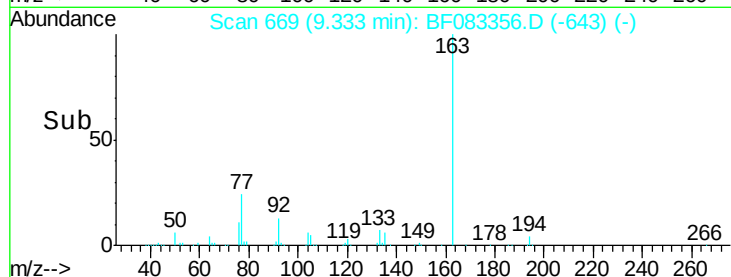
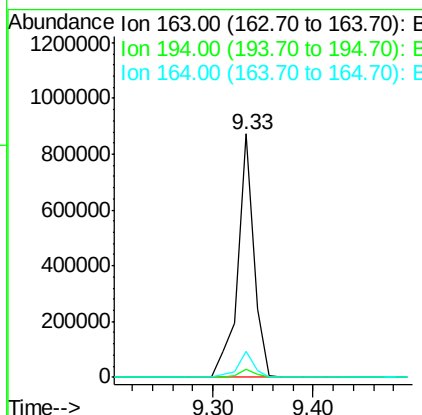
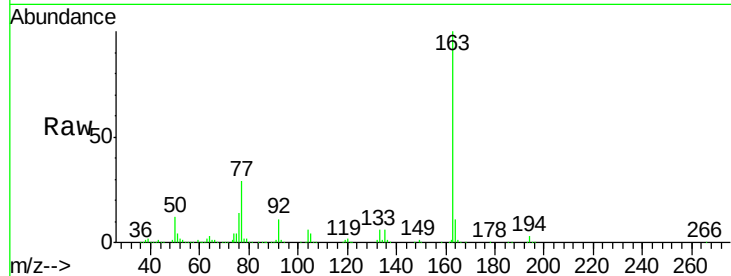
#49
Dimethylphthalate
Concen: 38.23 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	973257		
194	3.3	2.7	4.1	
164	10.9	8.8	13.2	

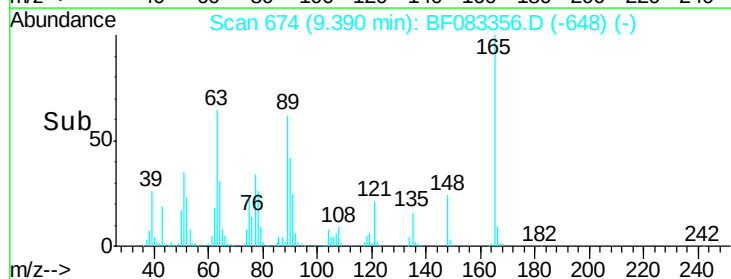
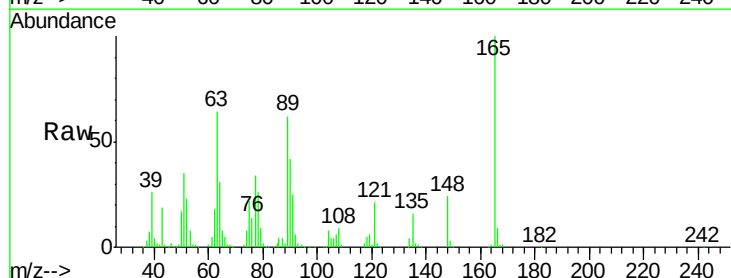
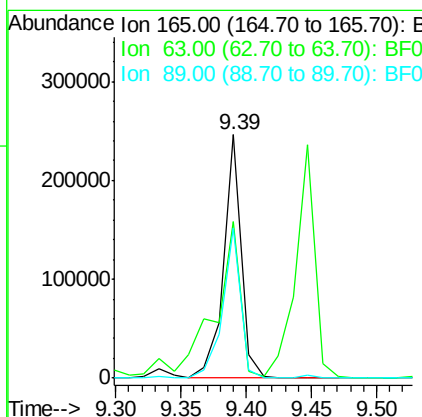
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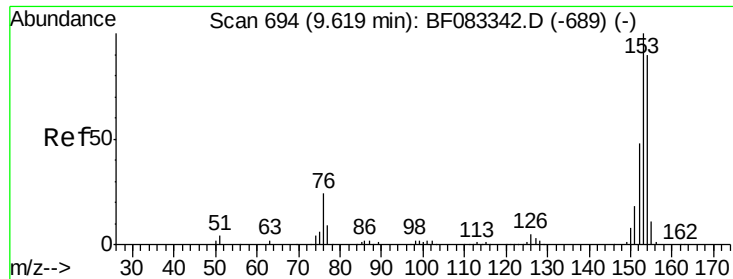
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#50
2,6-Dinitrotoluene
Concen: 42.87 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	233064		
63	64.4	56.0	84.0	
89	61.5	49.8	74.8	





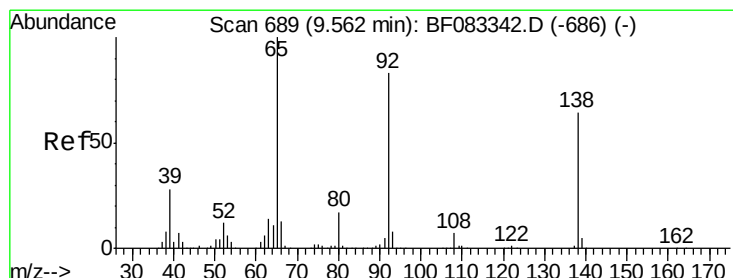
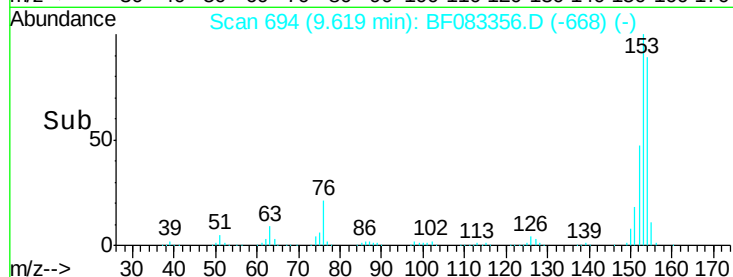
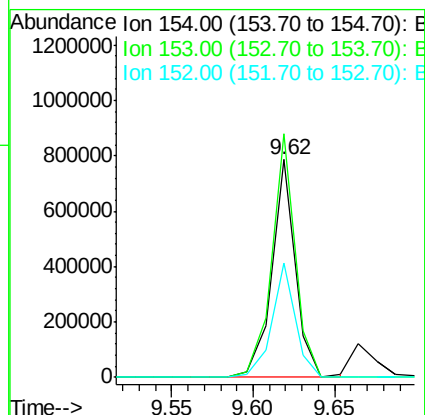
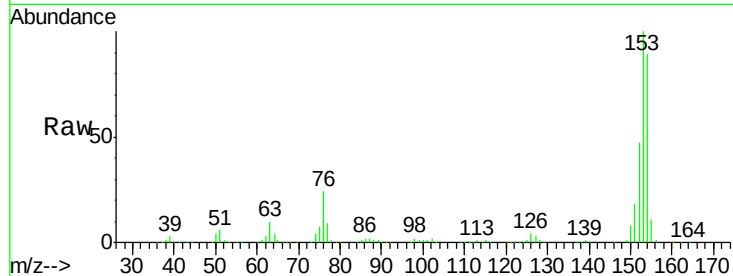
#51
Acenaphthene
Concen: 40.36 ng
RT: 9.62 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	792777		
153	111.9	89.3	133.9	
152	52.8	42.5	63.7	

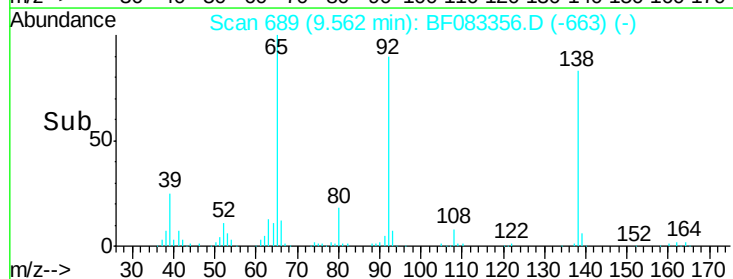
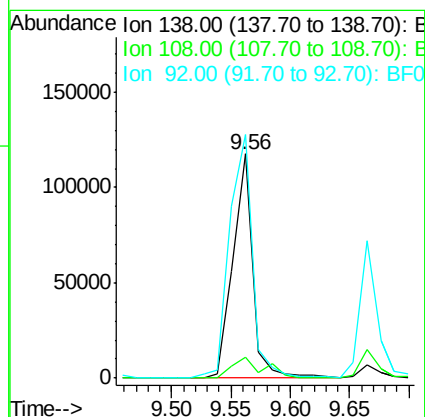
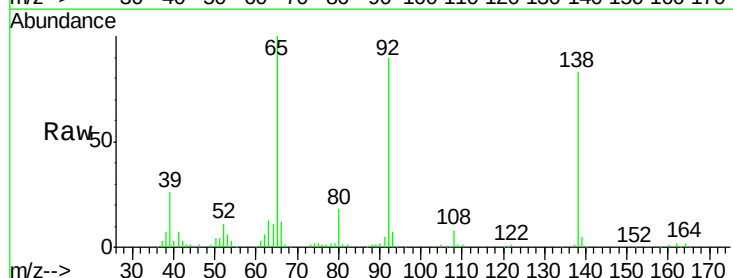
Manual Integrations
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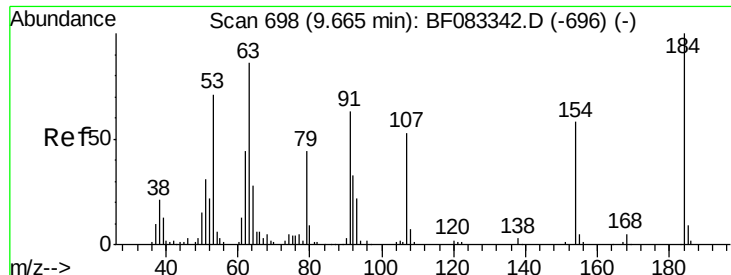
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#52
3-Nitroaniline
Concen: 21.40 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	136338		
108	9.4	8.4	12.6	
92	108.6	104.2	156.4	





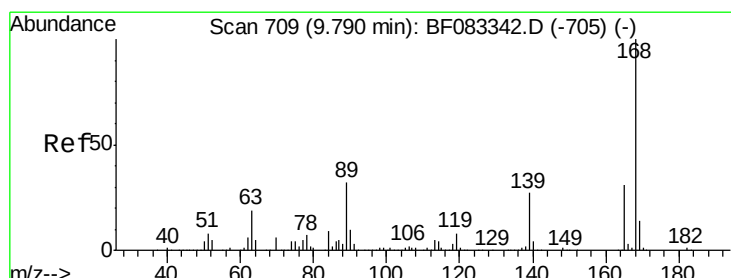
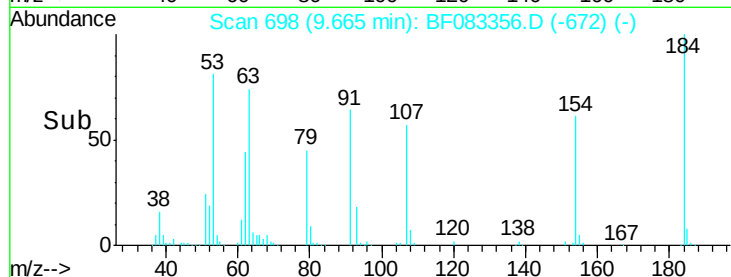
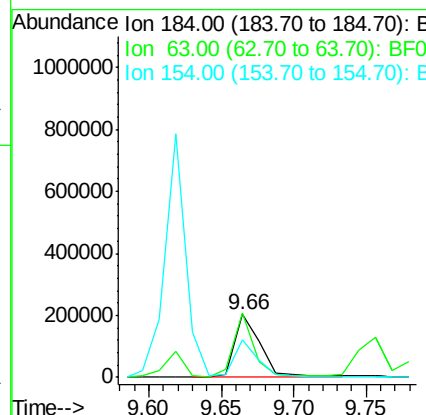
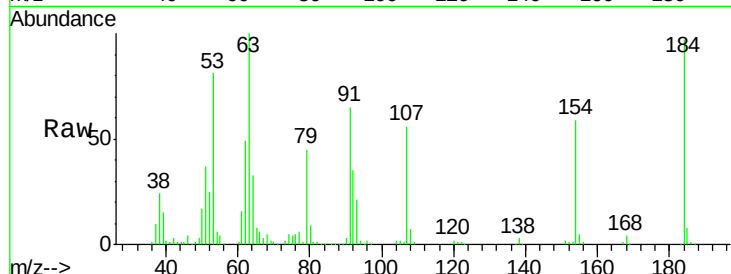
#53
2,4-Dinitrophenol
Concen: 74.37 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	250310		
63	103.4	69.0	103.6	
154	60.9	50.0	75.0	

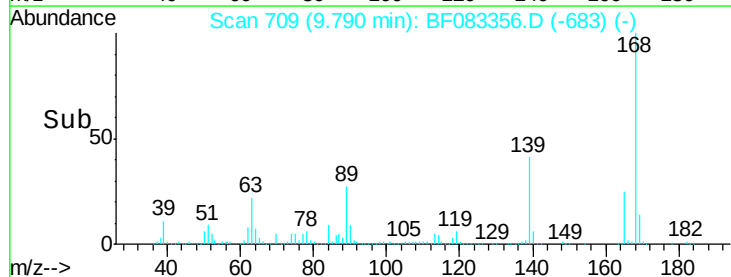
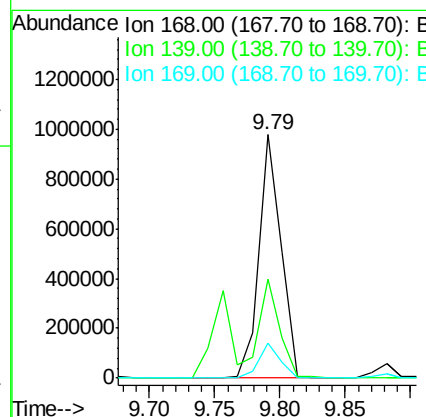
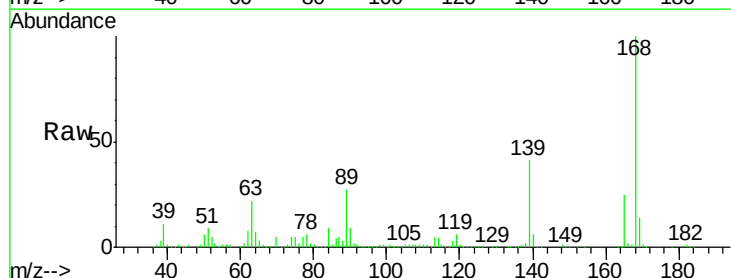
Manual Integrations
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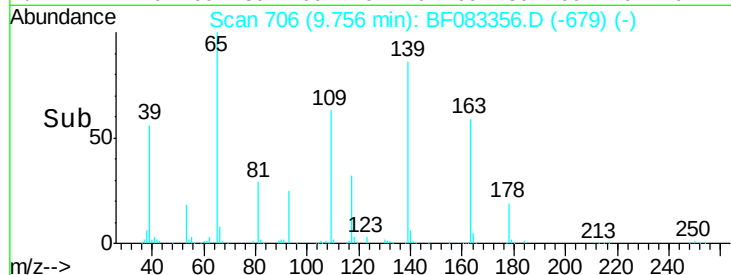
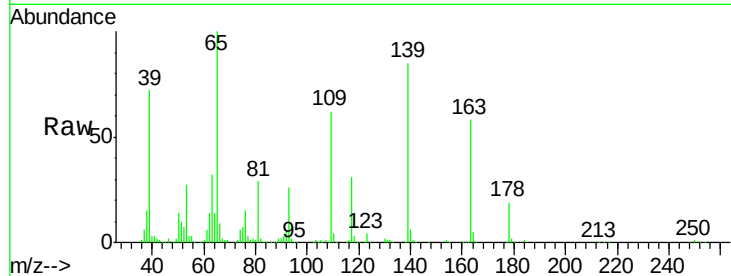
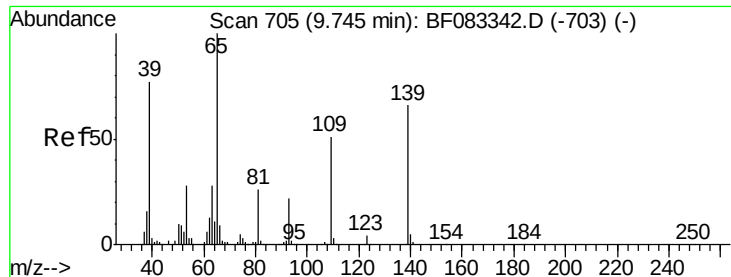
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#54
Dibenzofuran
Concen: 40.23 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1157832		
139	40.6	32.7	49.1	
169	14.4	11.1	16.7	





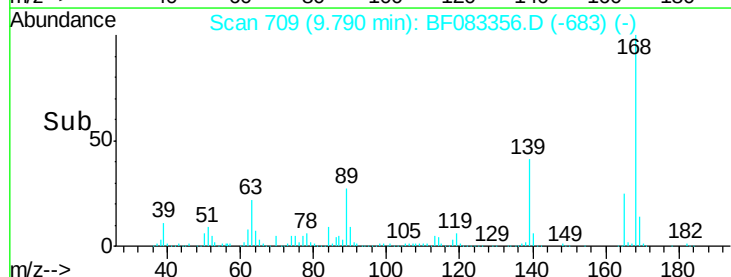
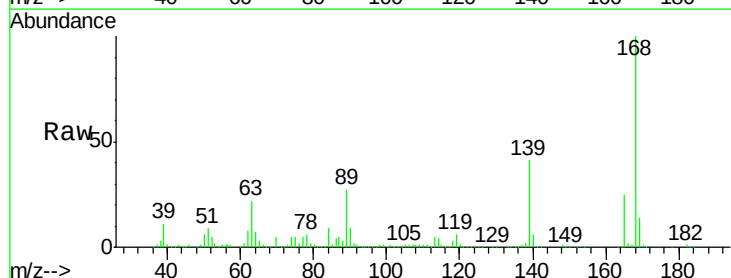
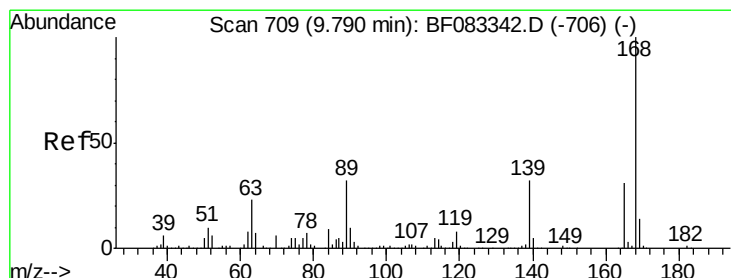
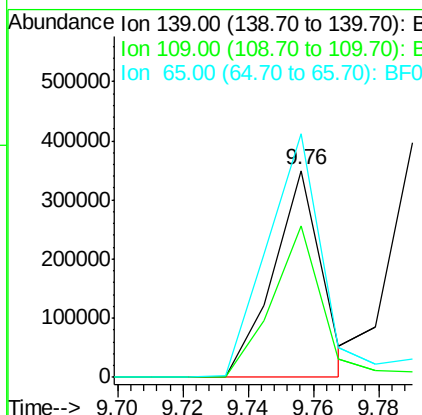
#55
4-Nitrophenol
Concen: 90.16 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	359349		
109	73.3	57.4	97.4	
65	117.7	131.6	171.6#	

Instrument :
BNA_F
ClientSampleID :
PB86889BS

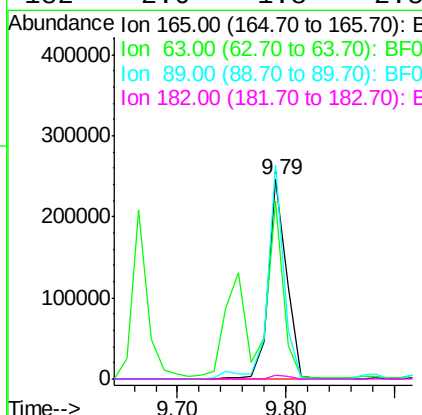
Manual Integrations
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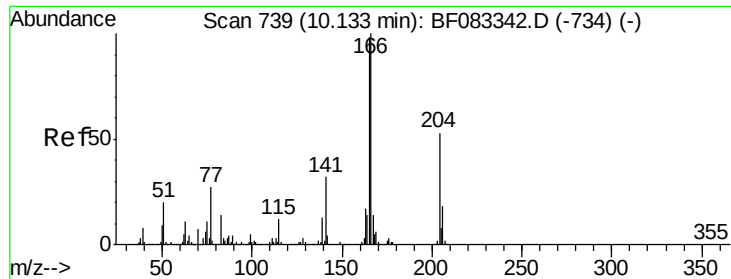
Mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 41.62 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	287124		
63	89.4	65.4	98.0	
89	107.0	81.2	121.8	
182	2.0	1.8	2.8	





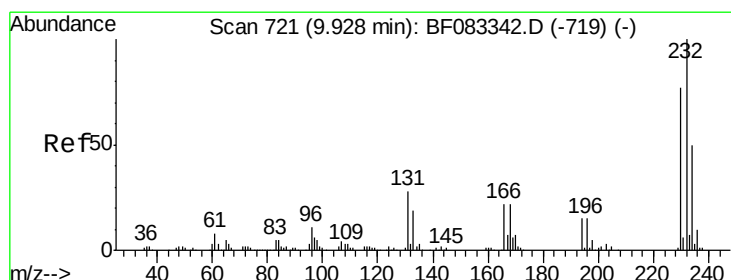
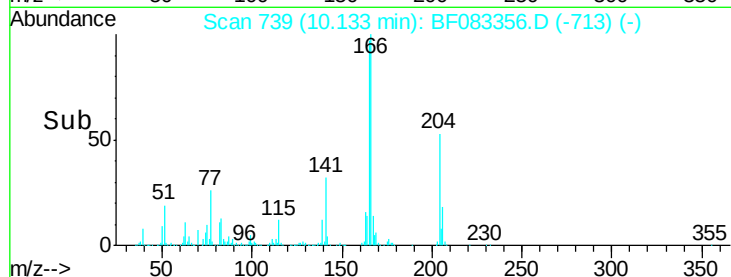
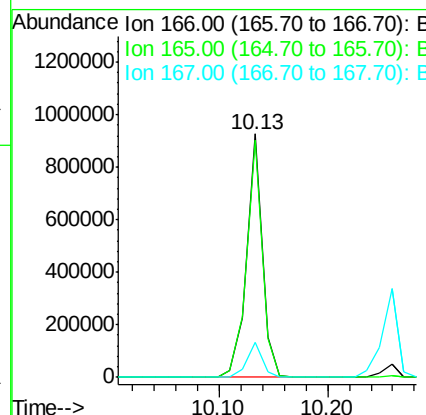
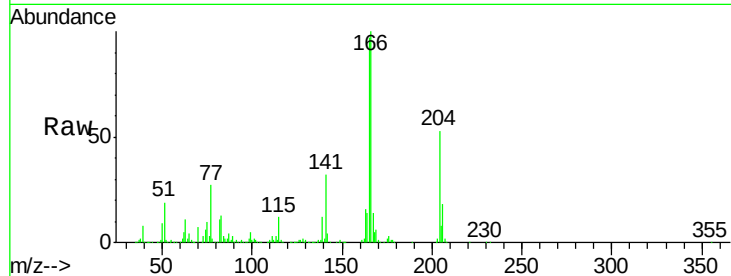
#57
 Fluorene
 Concen: 40.61 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	922884		
165	97.4	78.3	117.5	
167	14.2	11.1	16.7	

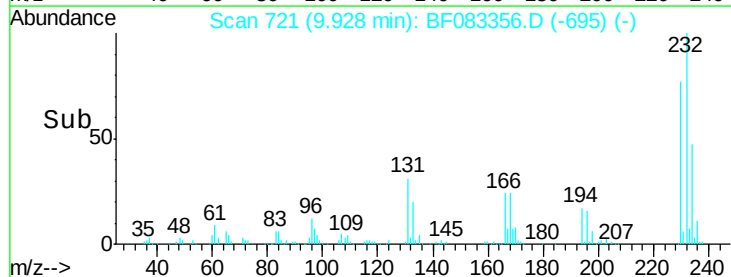
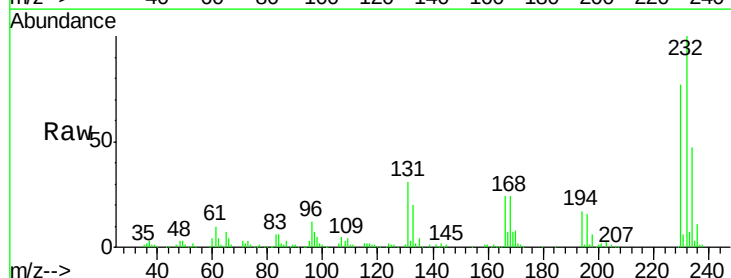
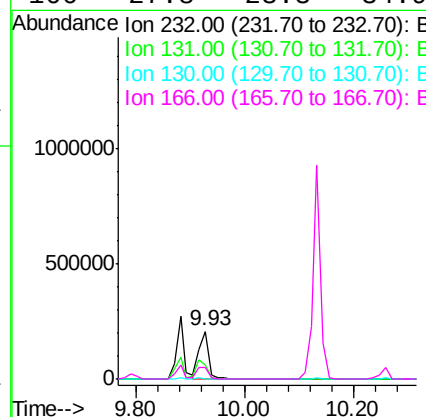
Manual Integrations
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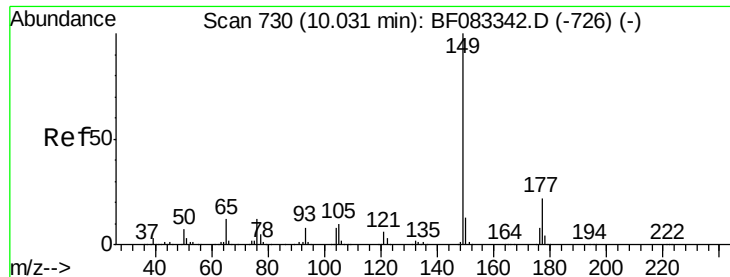
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.78 ng
 RT: 9.93 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	254906		
131	45.5	35.4	53.2	
130	2.1	1.7	2.5	
166	27.8	23.3	34.9	





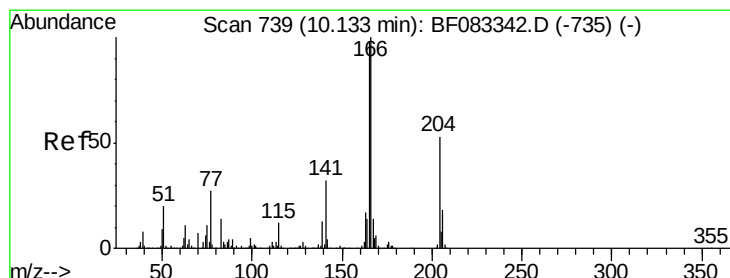
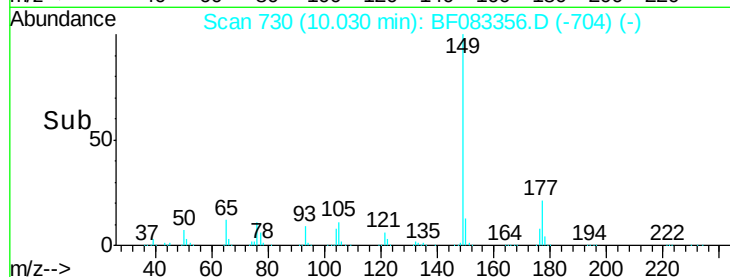
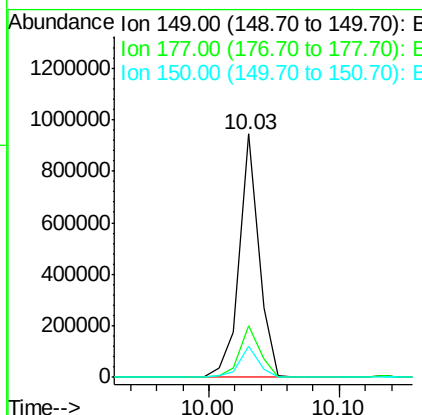
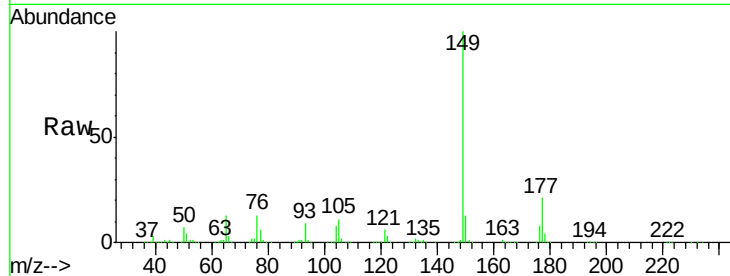
#59
Diethylphthalate
Concen: 40.78 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.4	17.4	26.2
150	12.6	10.4	15.6

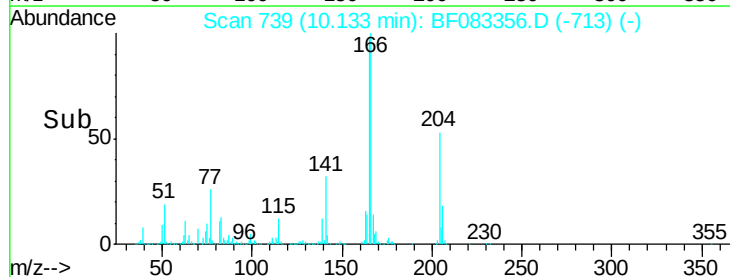
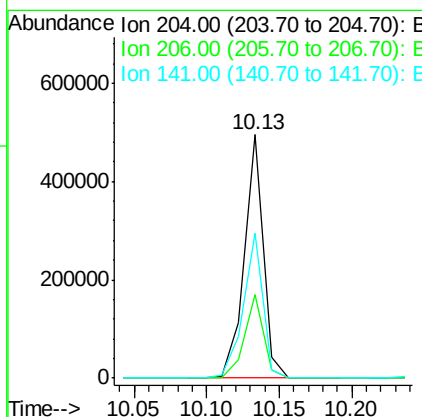
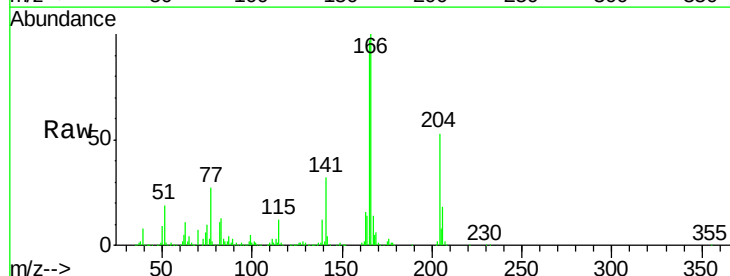
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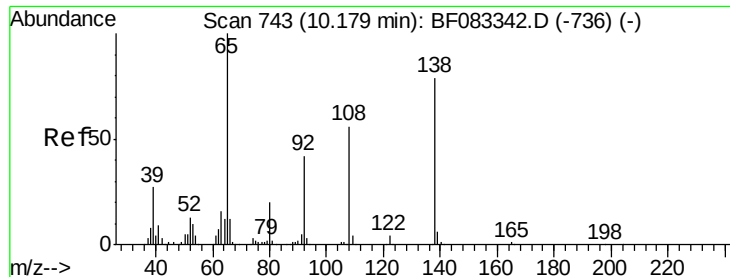
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#60
4-Chlorophenyl-phenylether
Concen: 43.21 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.3	27.5	41.3
141	59.5	48.1	72.1





#61

4-Nitroaniline

Concen: 40.39 ng

RT: 10.18 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

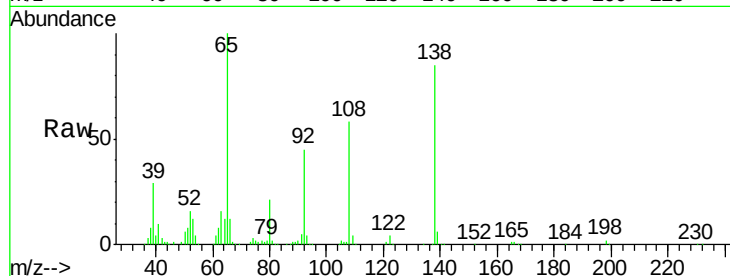
ClientSampleId :

PB86889BS

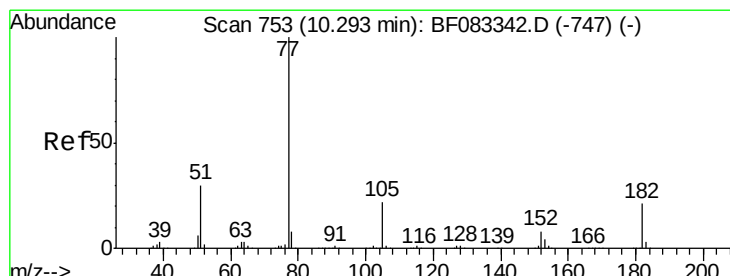
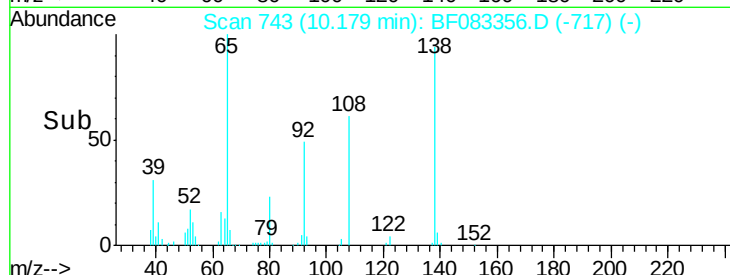
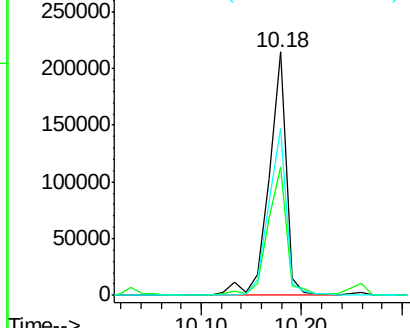
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Tgt Ion:	138	Resp:	257526
Ion Ratio	Lower	Upper	
138	100		
92	52.6	33.6	73.6
108	68.5	51.0	91.0



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



#62

Azobenzene

Concen: 44.21 ng

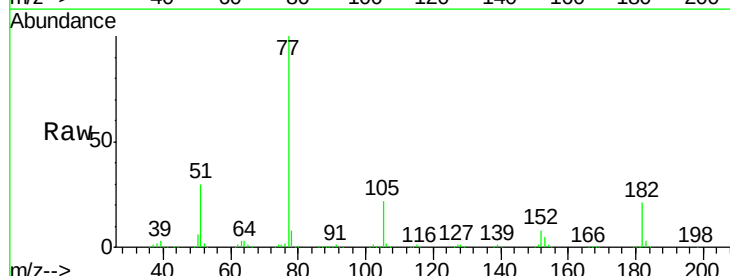
RT: 10.29 min Scan# 753

Delta R.T. -0.00 min

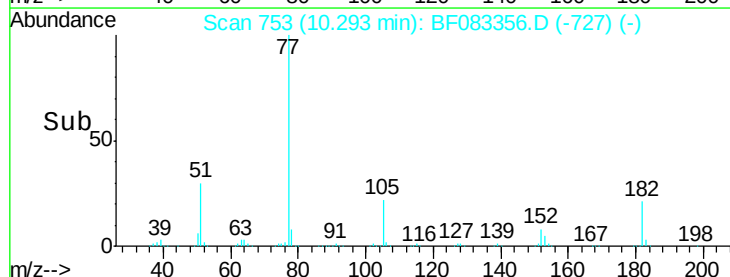
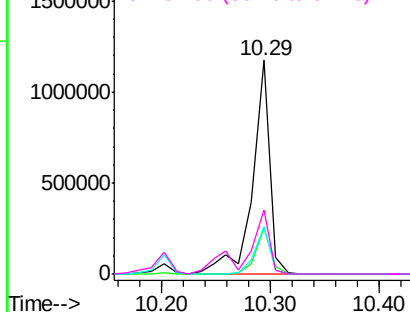
Lab File: BF083356.D

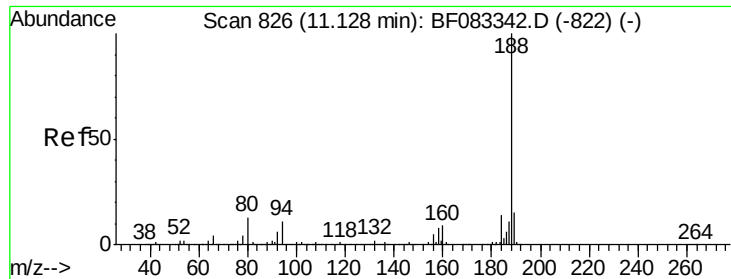
Acq: 1 Dec 2015 2:13

Tgt Ion:	77	Resp:	1296073
Ion Ratio	Lower	Upper	
77	100		
182	21.5	0.8	40.8
105	22.0	2.3	42.3
51	30.0	10.6	50.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





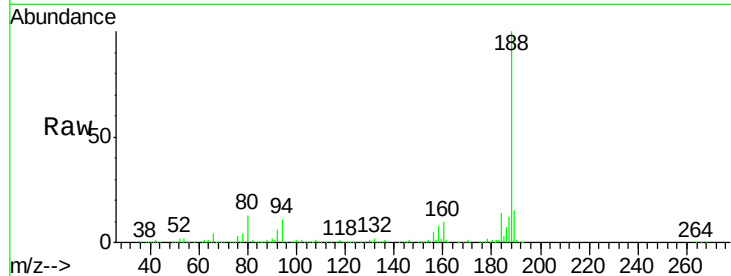
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	8.7	13.1
80	12.7	10.3	15.5

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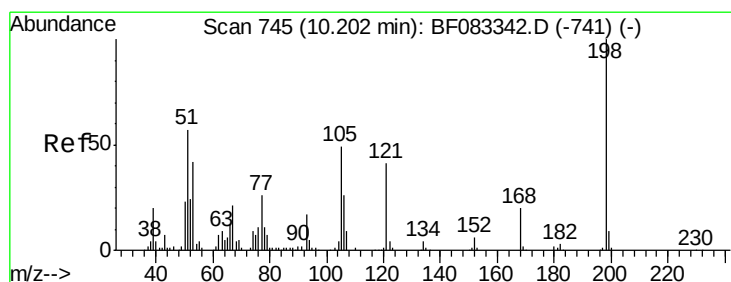
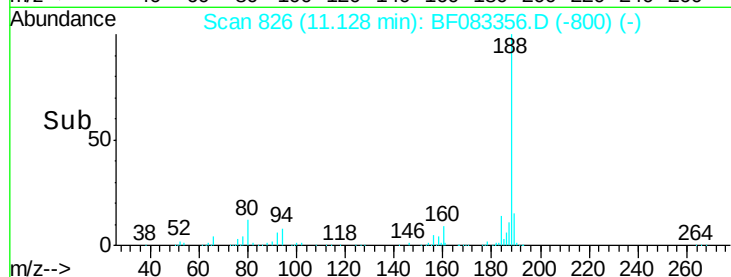
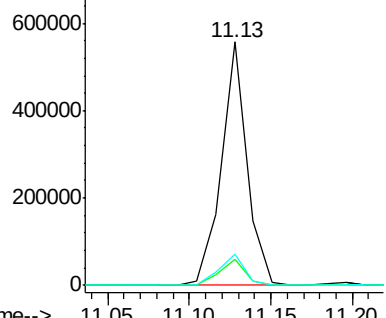
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Abundance Ion 188.00 (187.70 to 188.70): E

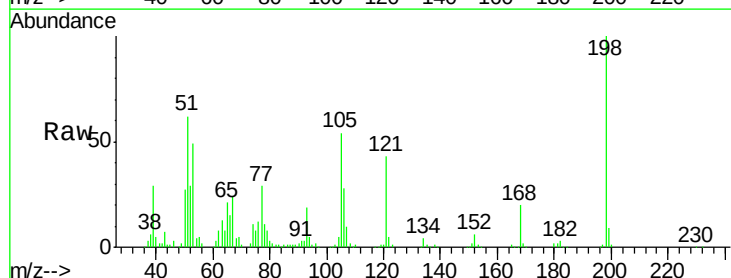
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 45.17 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

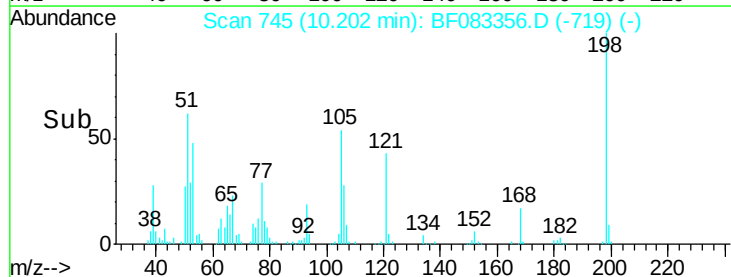
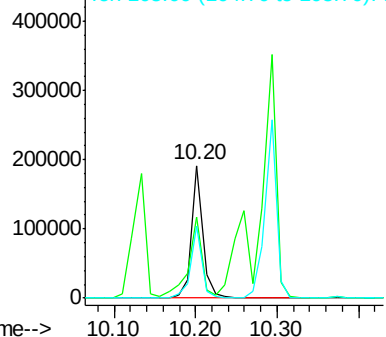
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	61.6	38.3	78.3
105	54.1	29.2	69.2

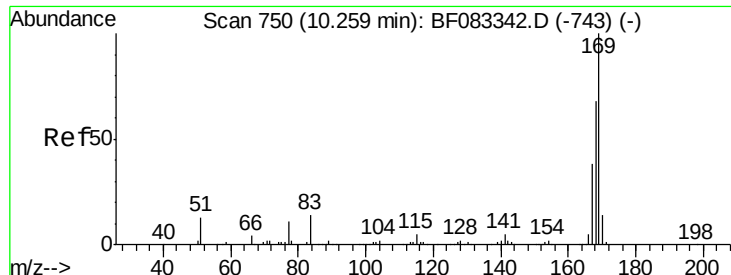


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





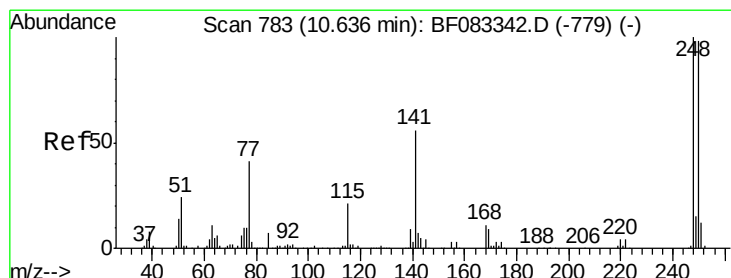
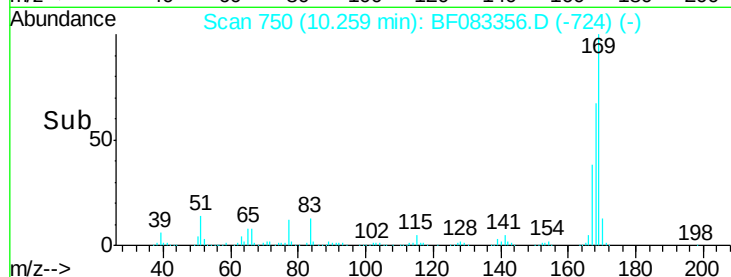
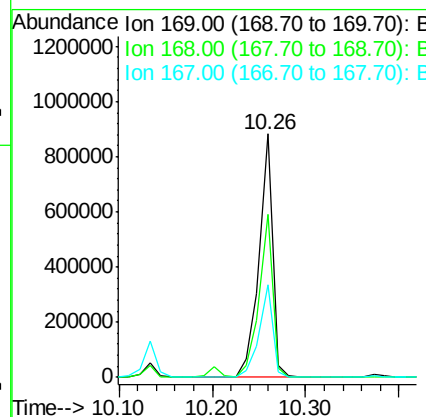
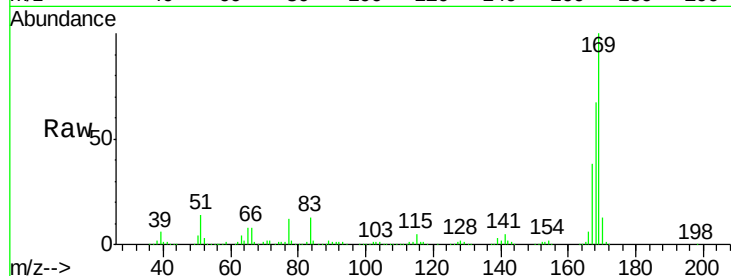
#65
 n-Nitrosodiphenylamine
 Concen: 42.06 ng
 RT: 10.26 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

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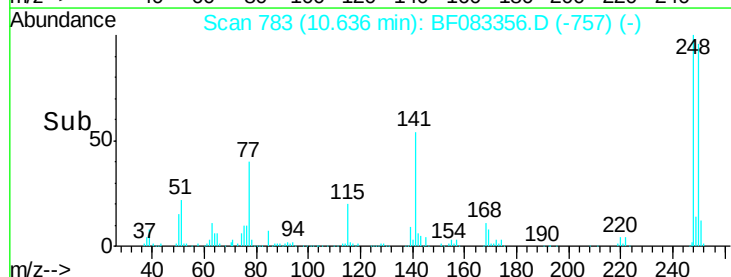
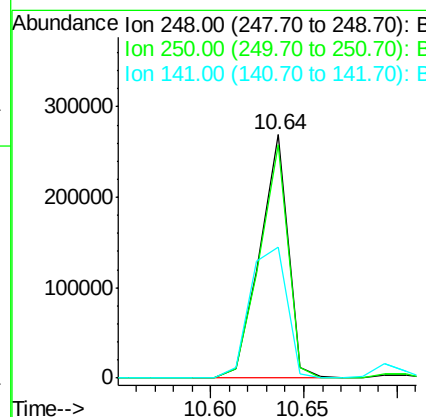
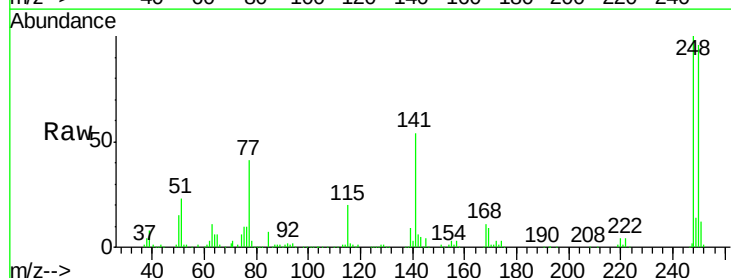
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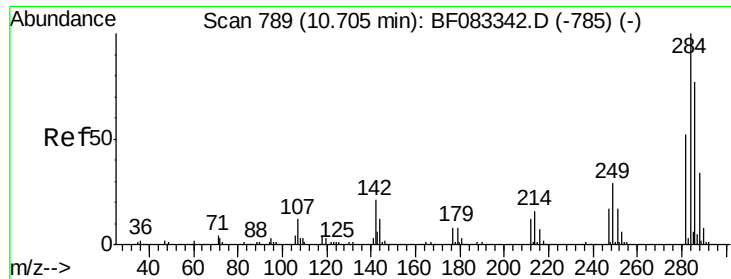
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	899746		
168	67.1	54.8	82.2	
167	38.0	30.2	45.2	



#66
 4-Bromophenyl-phenylether
 Concen: 42.42 ng
 RT: 10.64 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	282477		
250	95.6	78.6	118.0	
141	53.6	44.4	66.6	





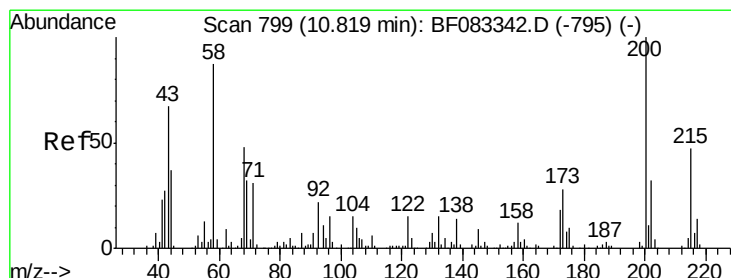
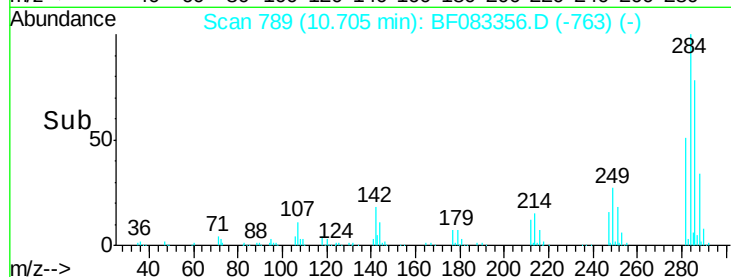
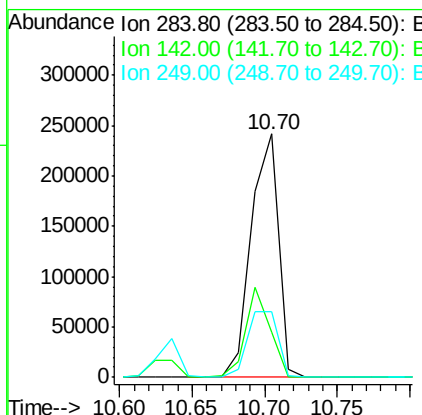
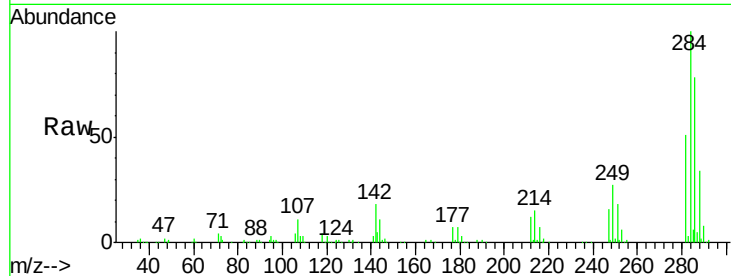
#67
Hexachlorobenzene
Concen: 42.89 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	18.3	16.6	24.8
249	27.0	23.0	34.4

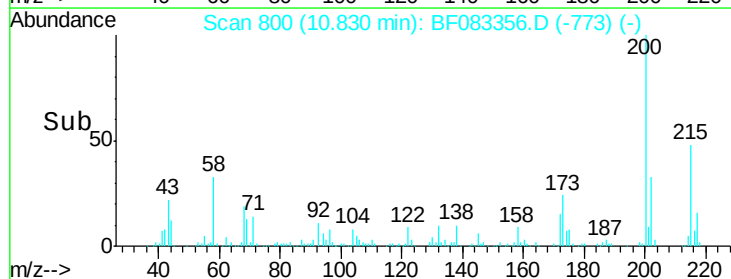
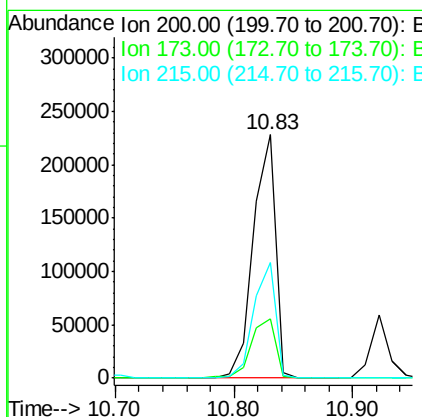
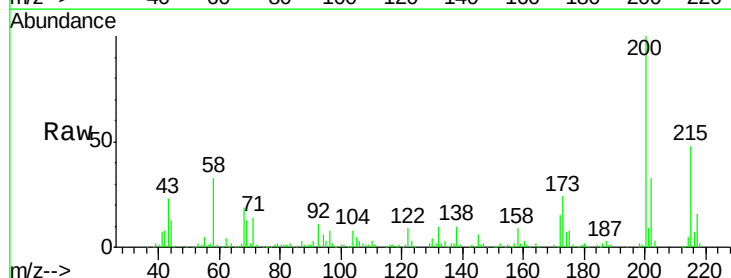
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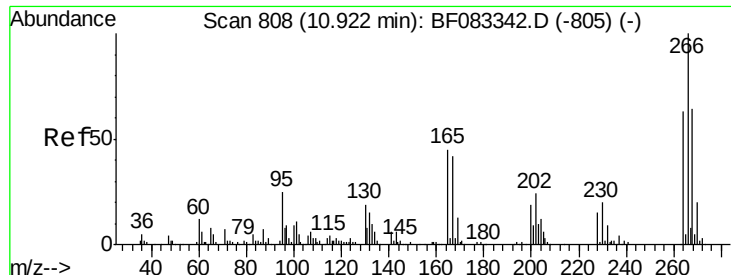
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#68
Atrazine
Concen: 50.90 ng
RT: 10.83 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.2	8.3	48.3
215	47.7	26.7	66.7





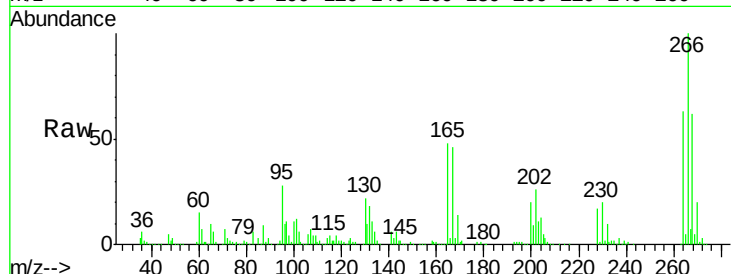
#69
 Pentachlorophenol
 Concen: 88.93 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

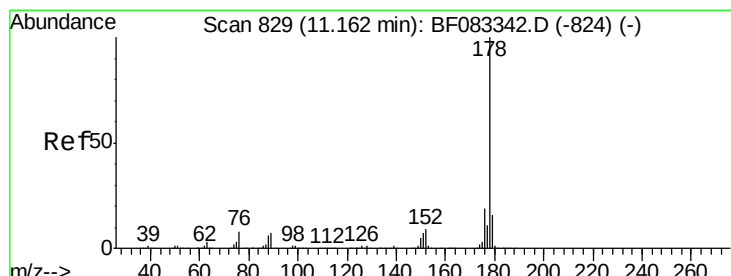
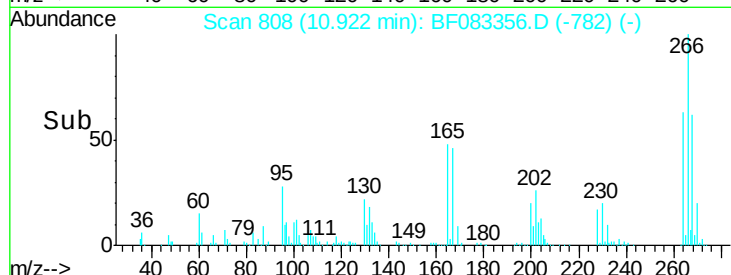
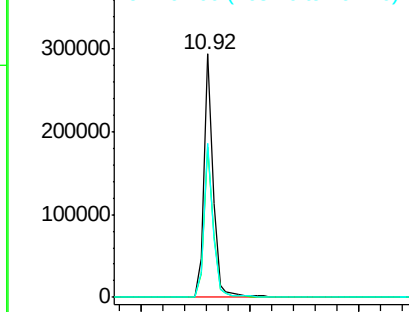
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	342997		
268	61.8	51.5	77.3	
264	63.1	50.4	75.6	

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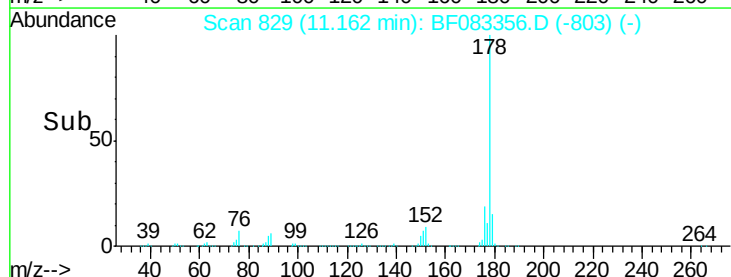
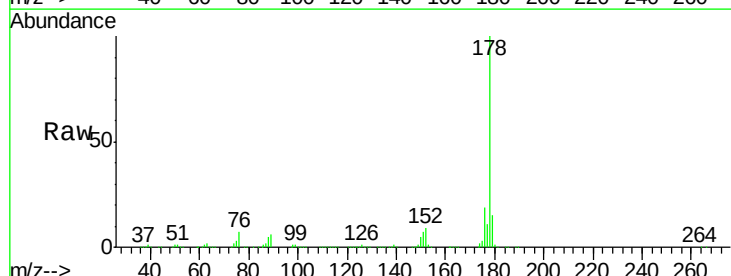
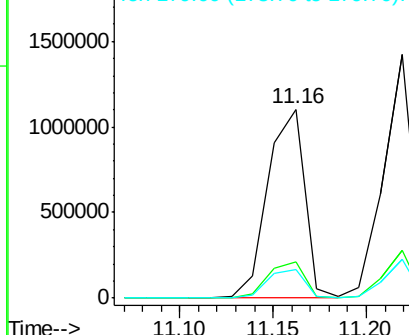
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

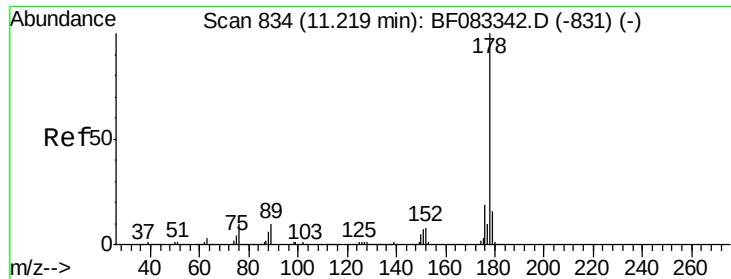


#70
 Phenanthrene
 Concen: 42.24 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1521565		
176	19.1	15.3	22.9	
179	15.3	12.4	18.6	

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





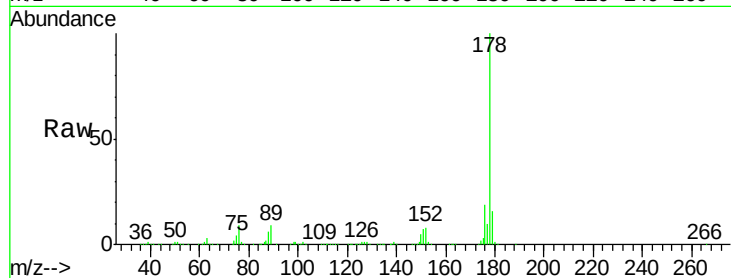
#71
 Anthracene
 Concen: 42.64 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

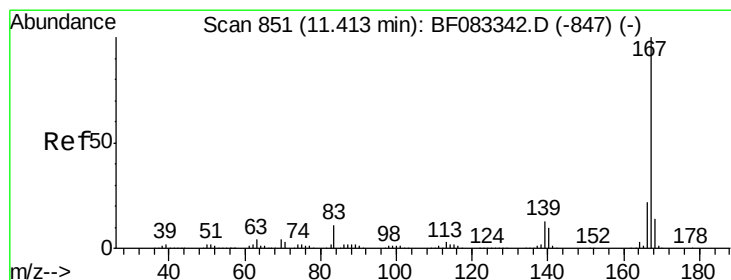
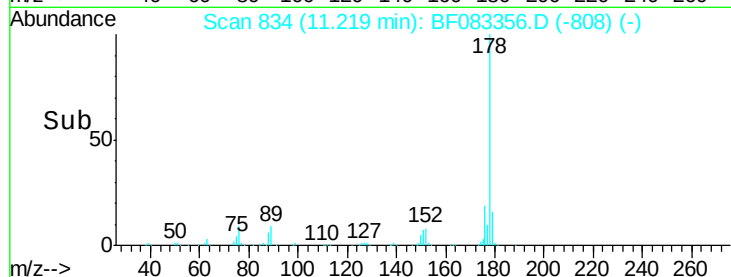
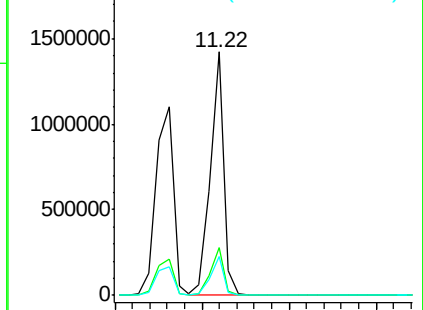
Tgt Ion:178 Resp: 1546629
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.2 12.8 19.2

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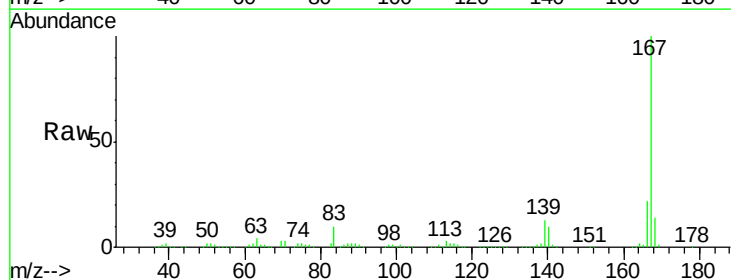


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

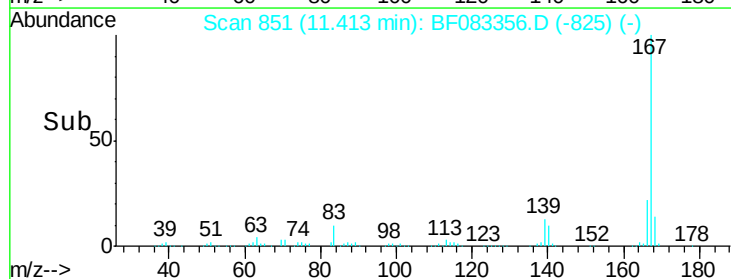
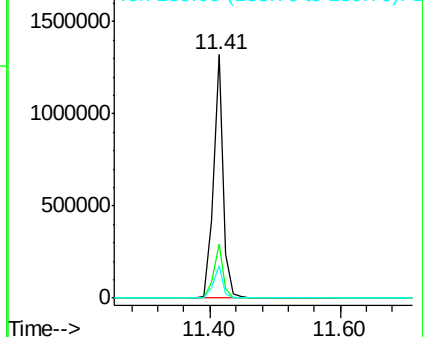


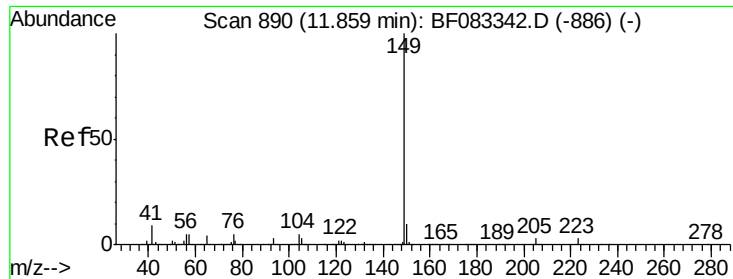
#72
 Carbazole
 Concen: 42.80 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion:167 Resp: 1394703
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.3 10.5 15.7



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





#73

Di-n-butylphthalate

Concen: 43.36 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

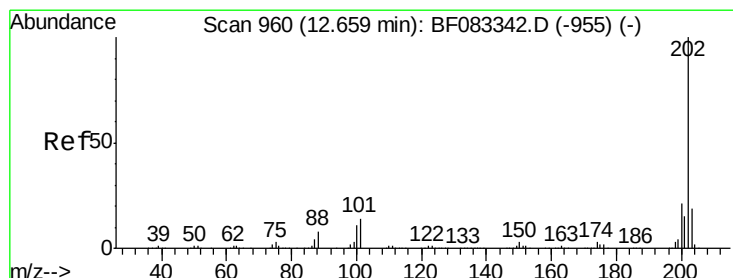
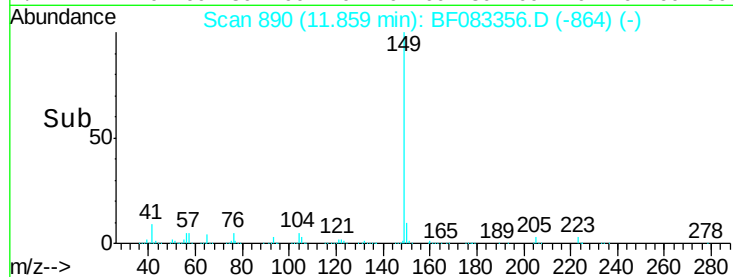
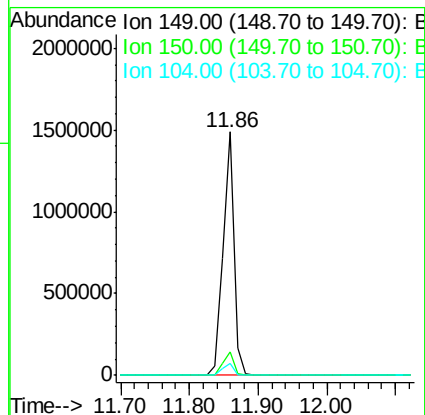
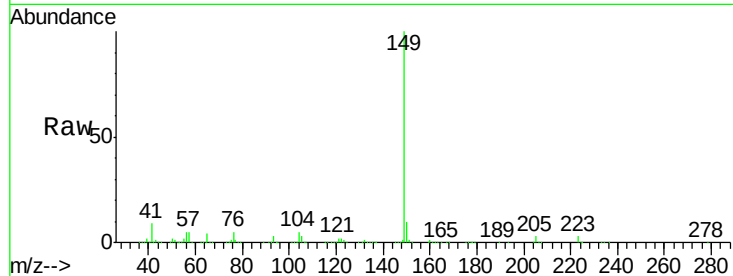
ClientSampleId :

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Tgt Ion:	149	Resp:	1674373
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.8	4.0	6.0



#74

Fluoranthene

Concen: 43.00 ng

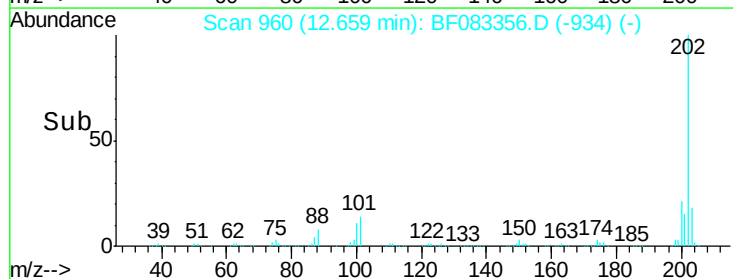
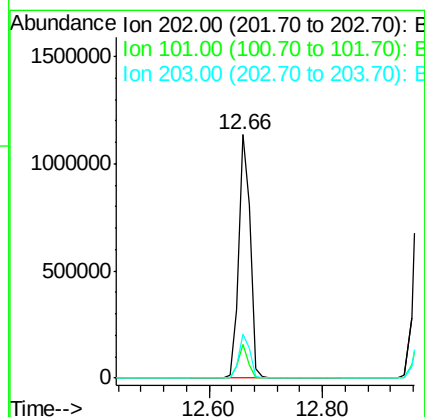
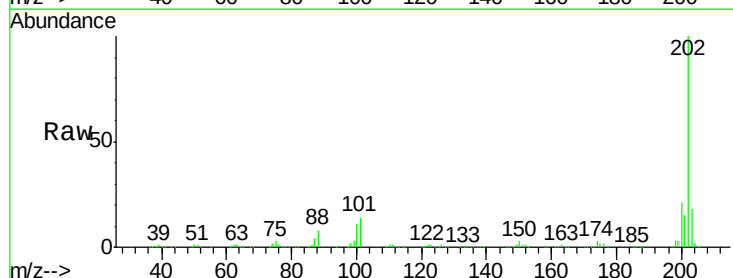
RT: 12.66 min Scan# 960

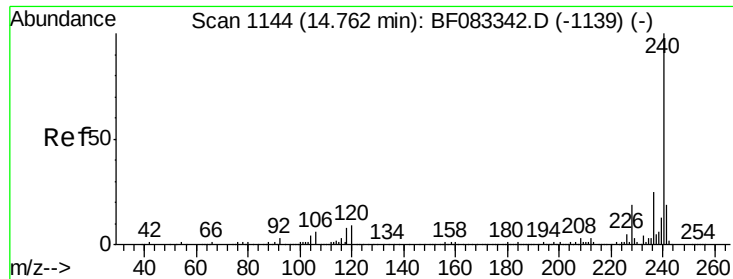
Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Tgt Ion:	202	Resp:	1605658
Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.5
203	18.1	0.0	38.7





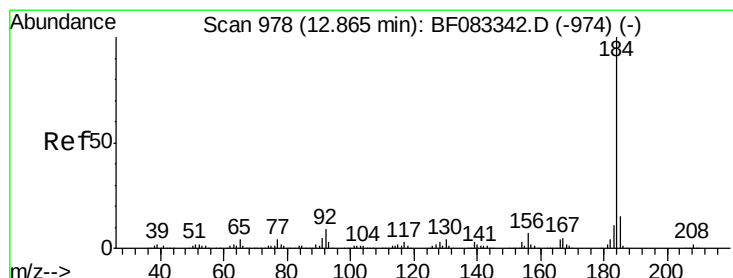
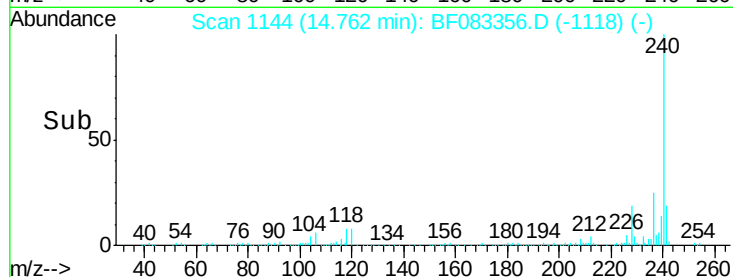
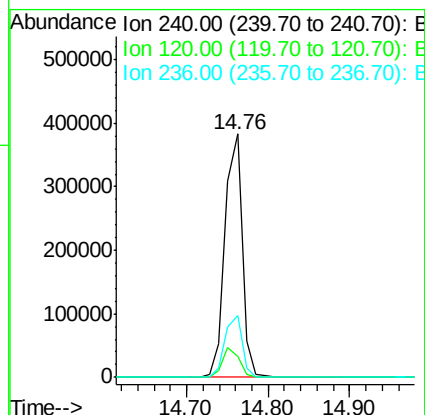
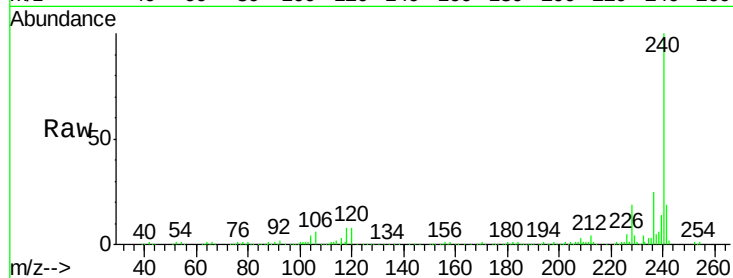
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	560871		
120	8.4	6.9	10.3	
236	25.5	19.8	29.6	

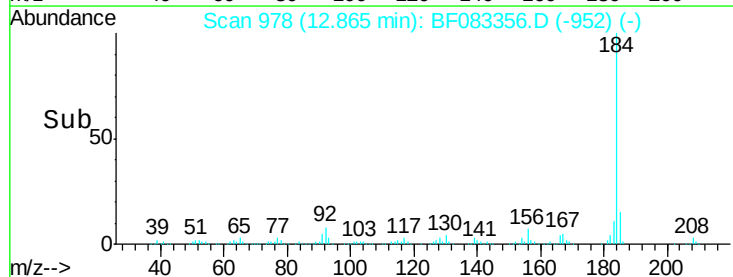
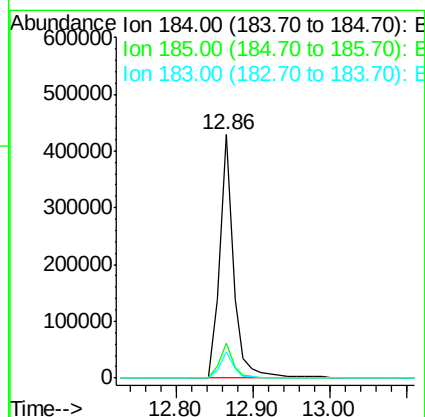
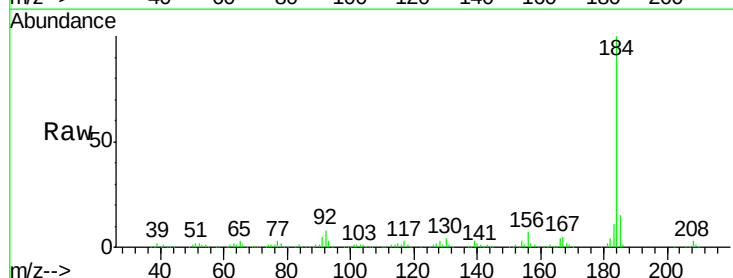
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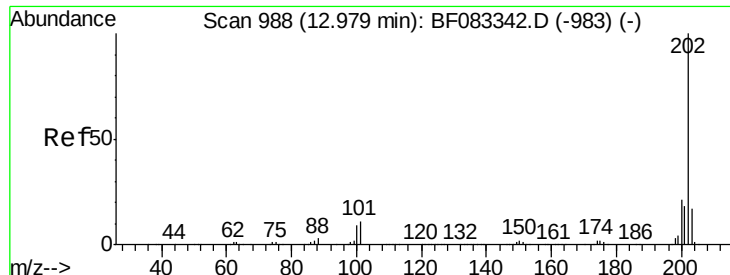
Mmdadoda
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#76
 Benzidine
 Concen: 32.57 ng
 RT: 12.86 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	544143		
185	14.6	12.4	18.6	
183	10.8	9.0	13.4	





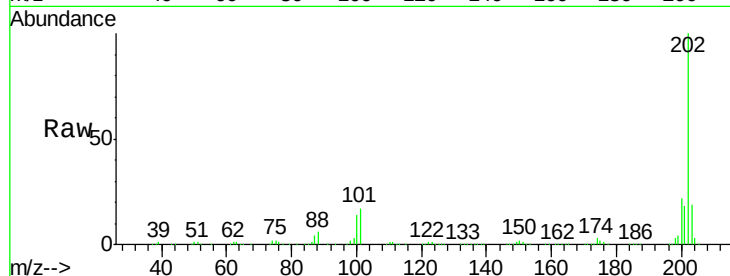
#77
 Pyrene
 Concen: 42.30 ng
 RT: 12.97 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

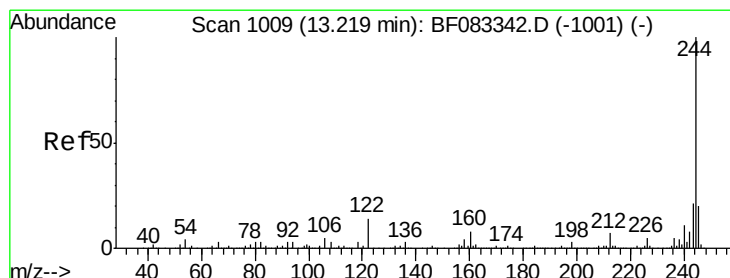
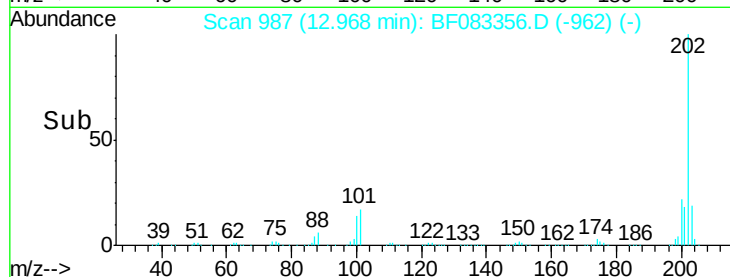
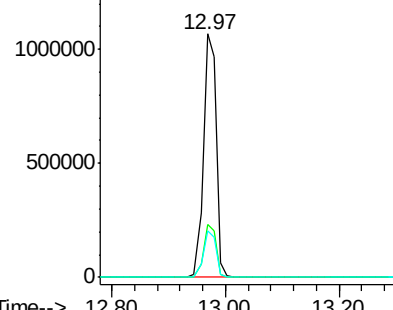
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	19.2	13.9	20.9

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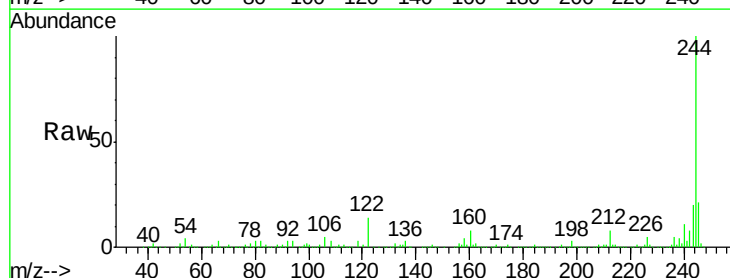


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

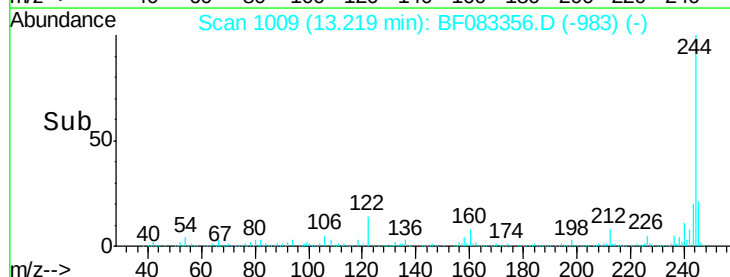
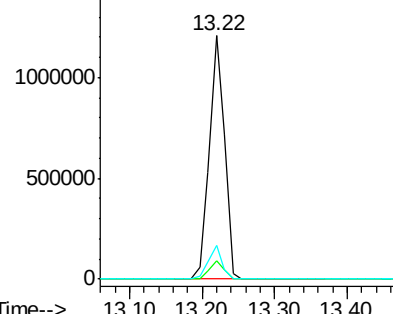


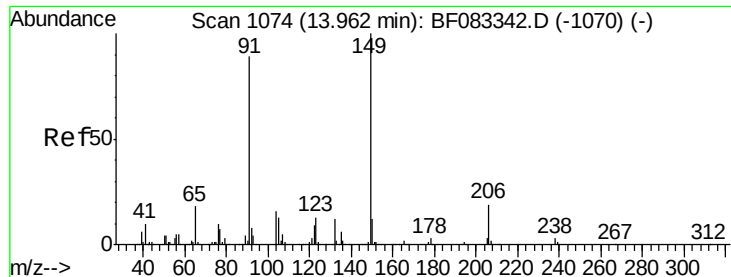
#78
 Terphenyl-d14
 Concen: 74.52 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	14.0	11.0	16.4



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





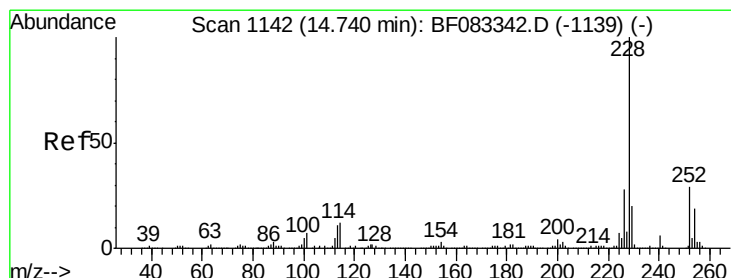
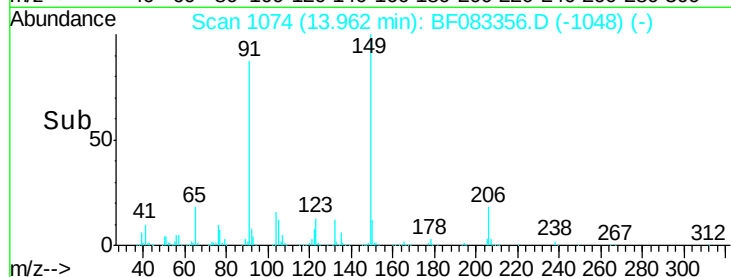
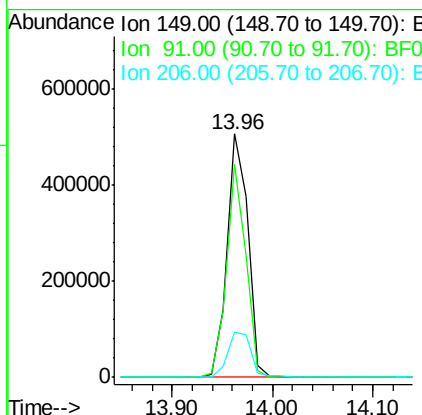
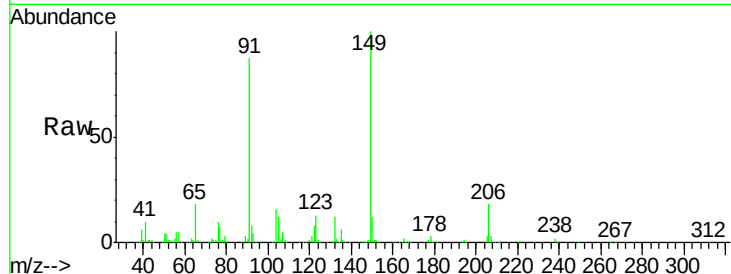
#79
Butylbenzylphthalate
Concen: 43.70 ng
RT: 13.96 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	87.3	71.4	107.2
206	18.5	15.1	22.7

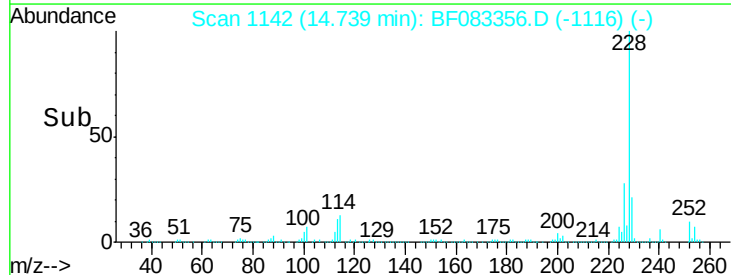
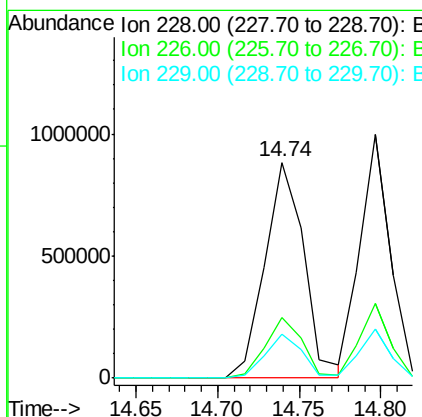
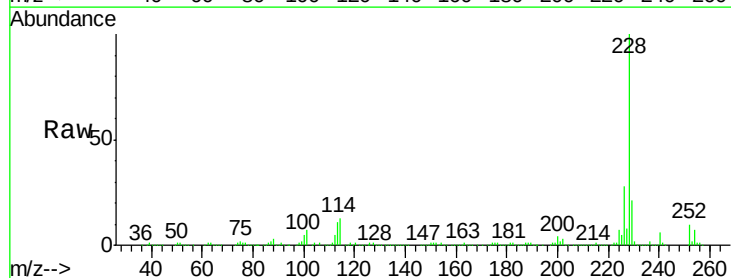
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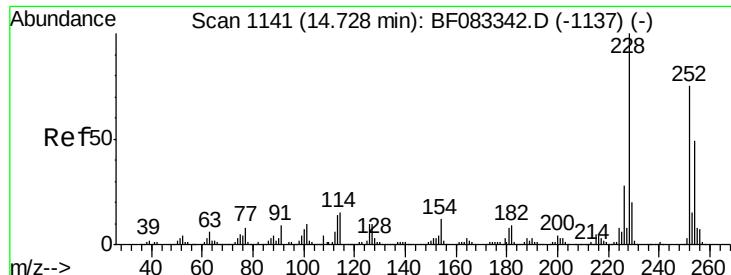
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#80
Benzo(a)anthracene
Concen: 42.81 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.4
229	20.6	16.1	24.1





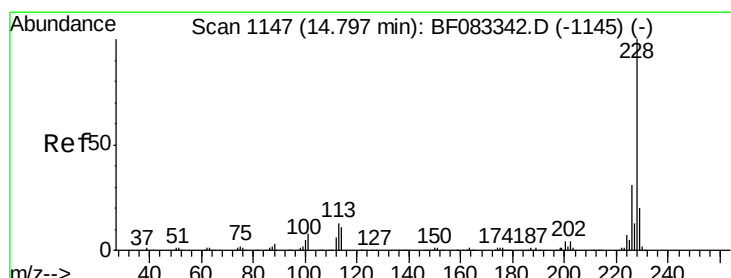
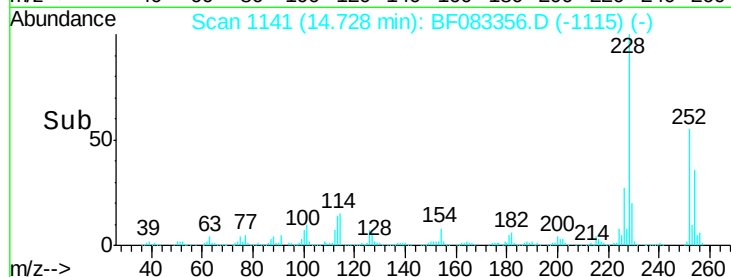
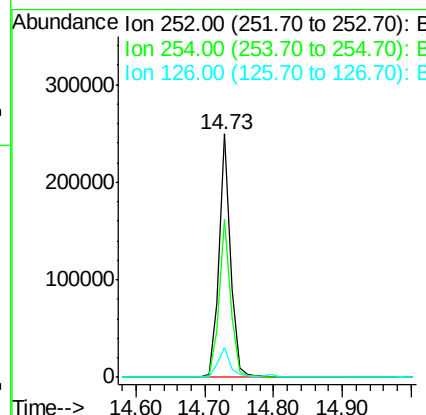
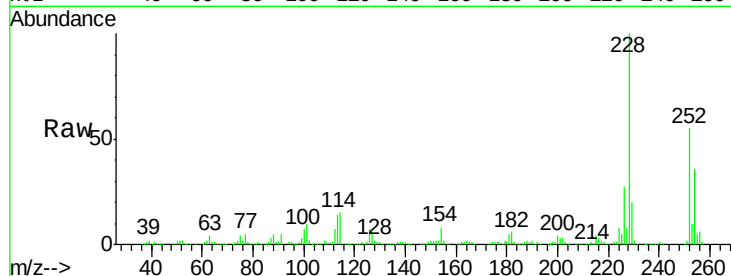
#81
 3,3'-Dichlorobenzidine
 Concen: 27.97 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	300175		
254	64.7	52.0	78.0	
126	12.2	10.7	16.1	

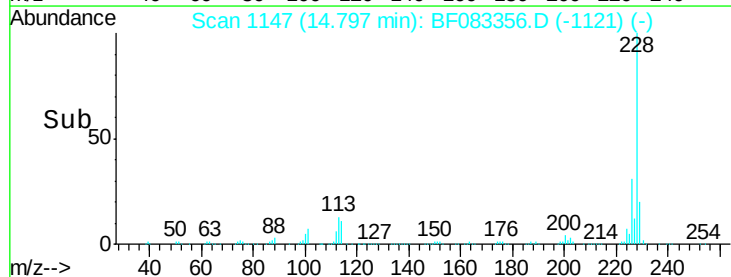
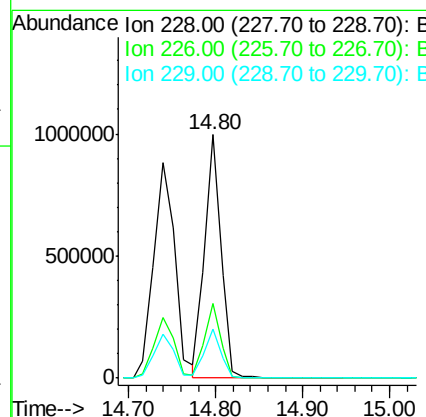
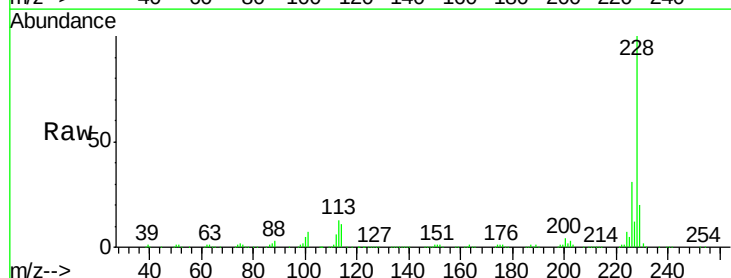
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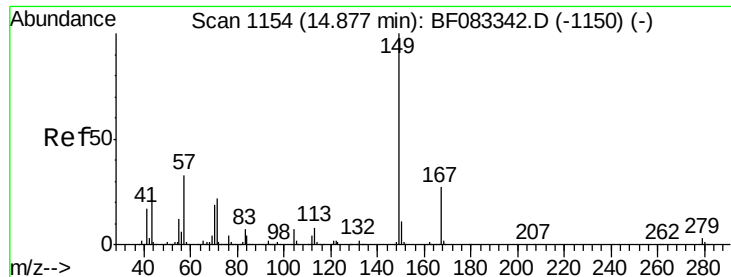
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#82
 Chrysene
 Concen: 39.24 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1302643		
226	30.7	24.6	37.0	
229	20.2	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.91 ng

RT: 14.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

Tgt Ion:149 Resp: 1000987

Ion Ratio Lower Upper

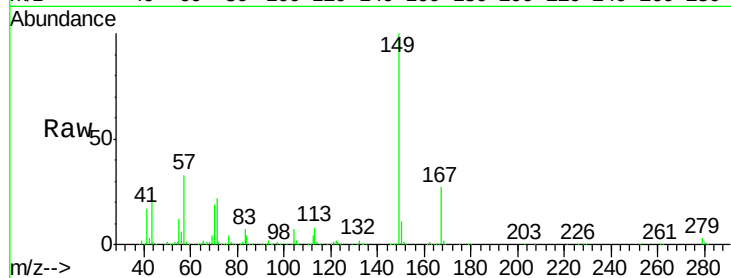
149 100

167 26.8 21.5 32.3

279 3.4 2.6 3.8

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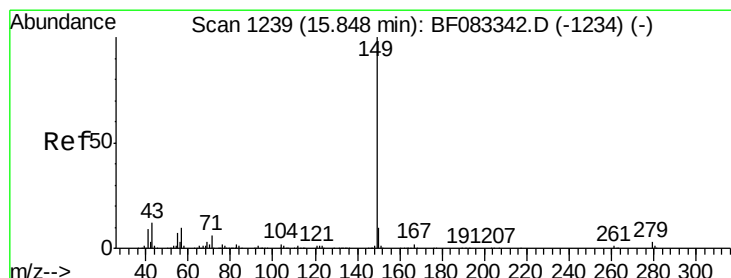
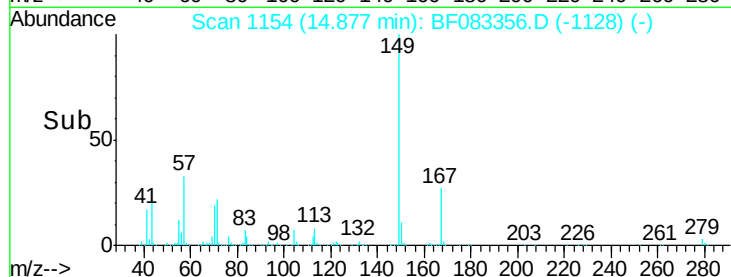
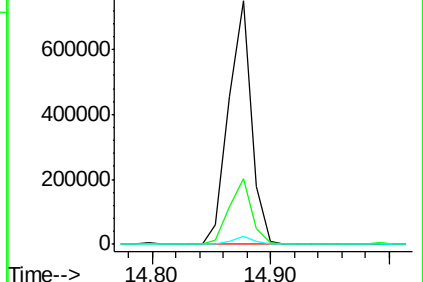
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.89 ng

RT: 15.85 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

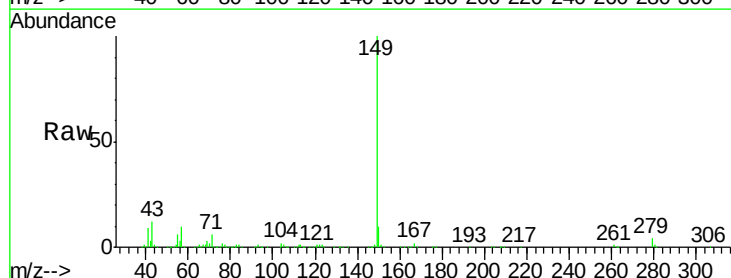
Tgt Ion:149 Resp: 1556387

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

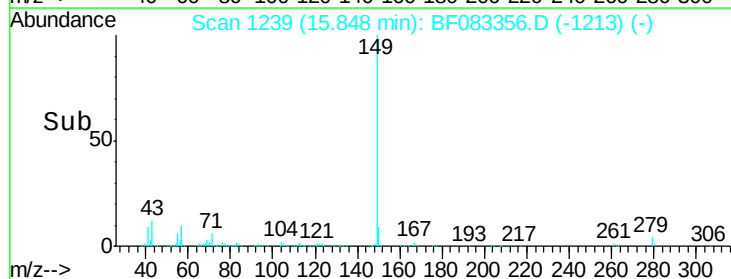
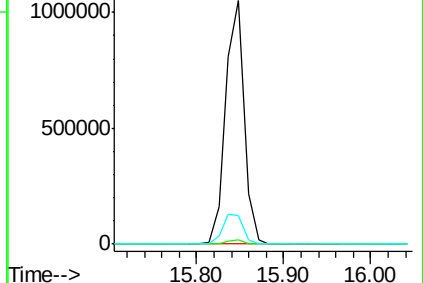
43 13.8 11.0 16.6

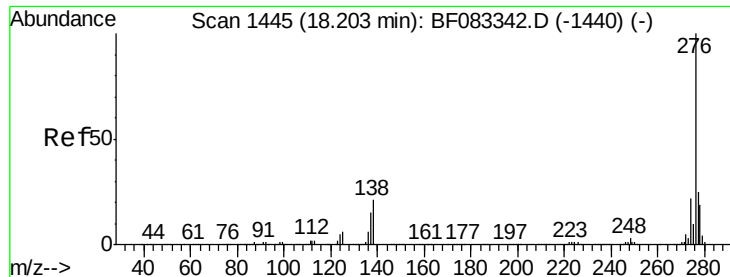


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





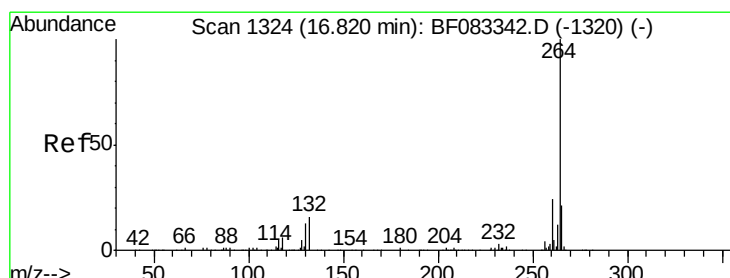
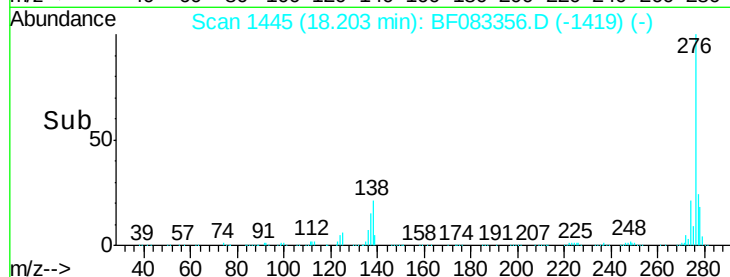
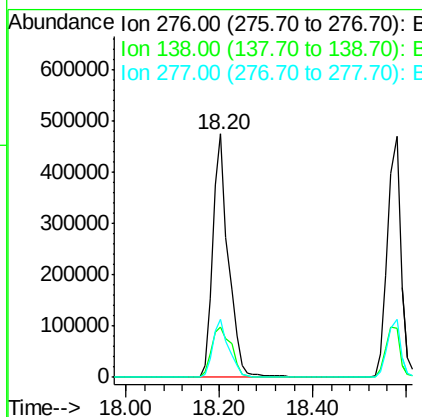
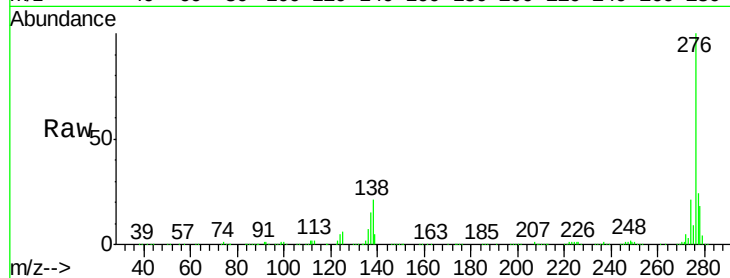
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.01 ng
 RT: 18.20 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.2	31.8
277	24.8	20.0	30.0

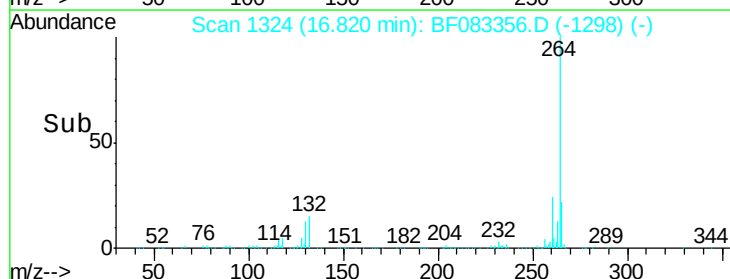
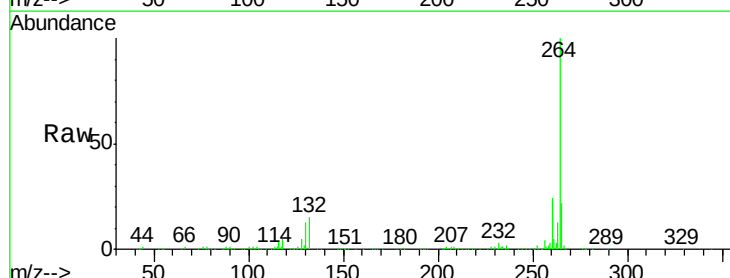
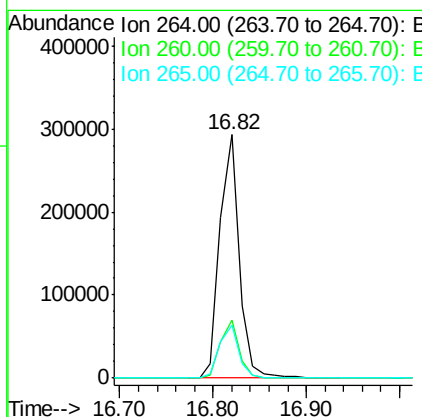
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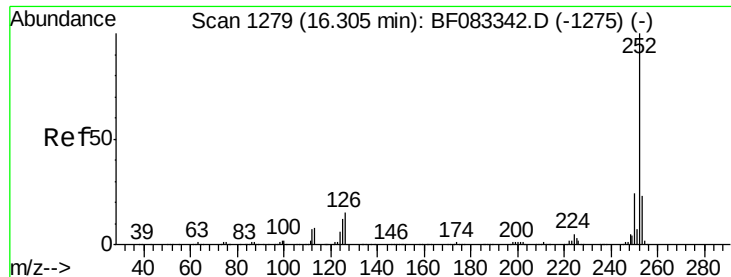
Mmdadoda
 12/1/2015 6:35:46 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.0	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 43.26 ng

RT: 16.31 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

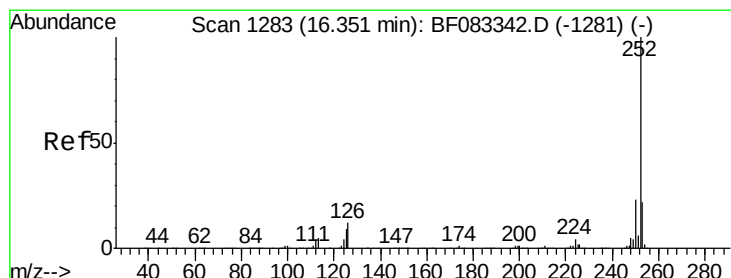
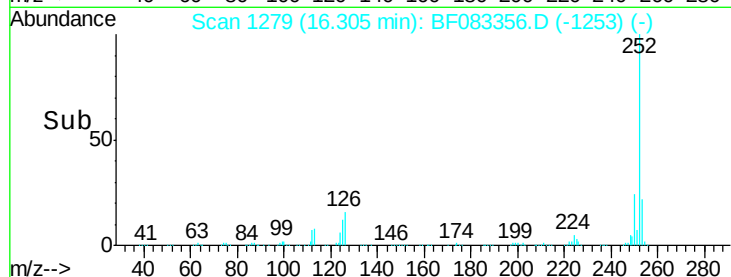
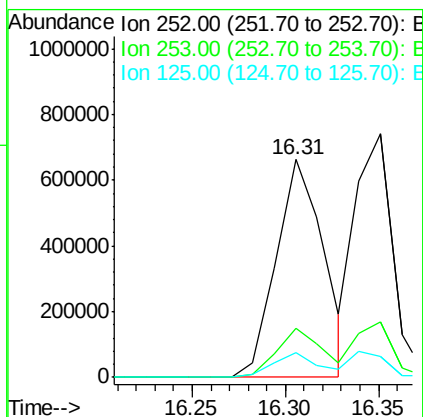
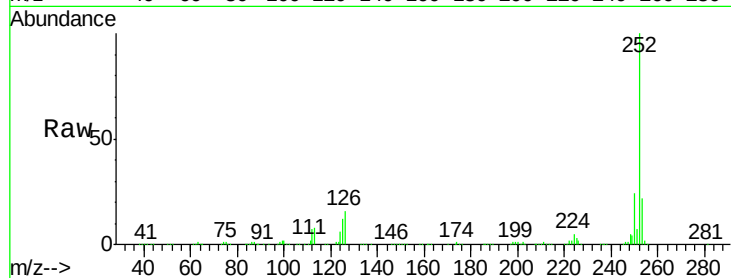
ClientSampleId :

PB86889BS

Tgt Ion:	252	Resp:	1177892
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	11.6	9.6	14.4

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#88

Benzo(k)fluoranthene

Concen: 40.60 ng

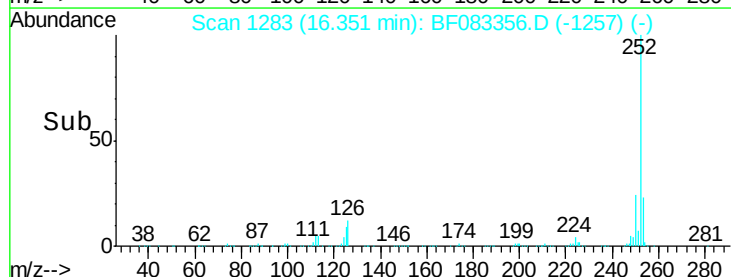
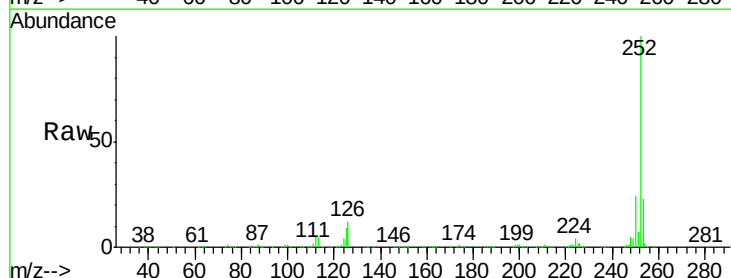
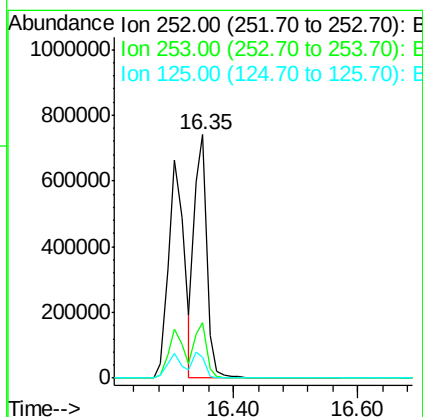
RT: 16.35 min Scan# 1283

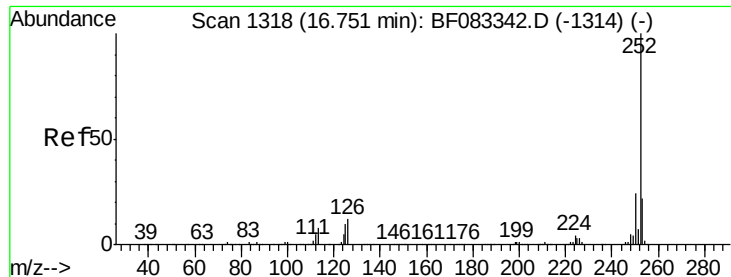
Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Tgt Ion:	252	Resp:	1043887
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	8.8	7.5	11.3





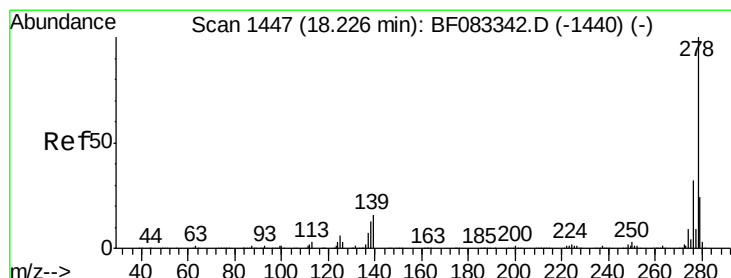
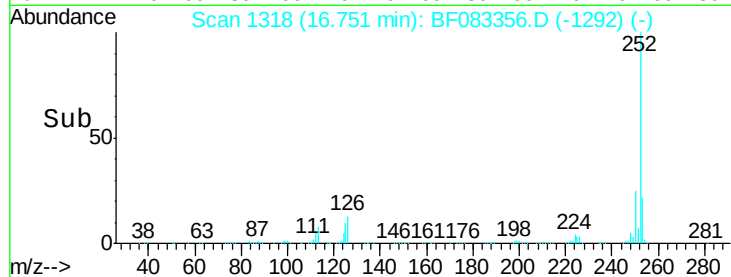
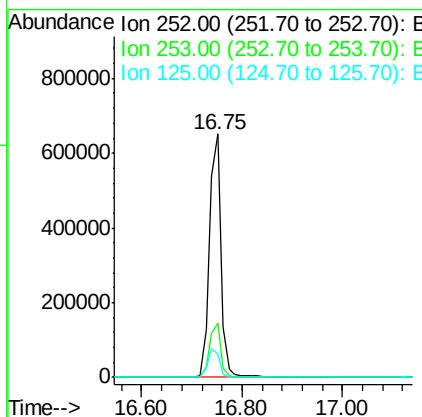
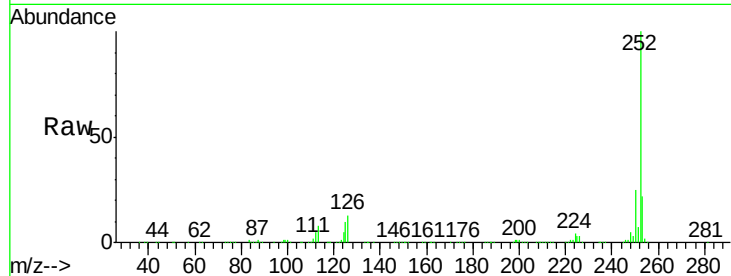
#89
Benzo(a)pyrene
Concen: 44.54 ng
RT: 16.75 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion: 252 Resp: 1041701
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.8 7.8 11.8

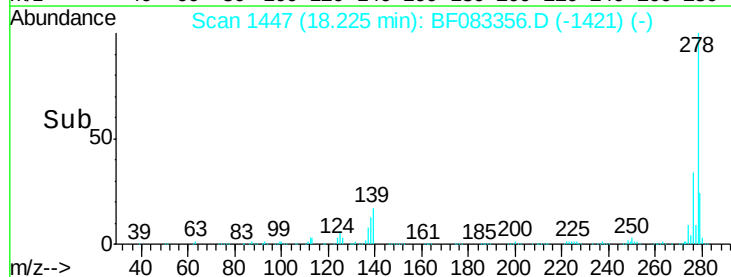
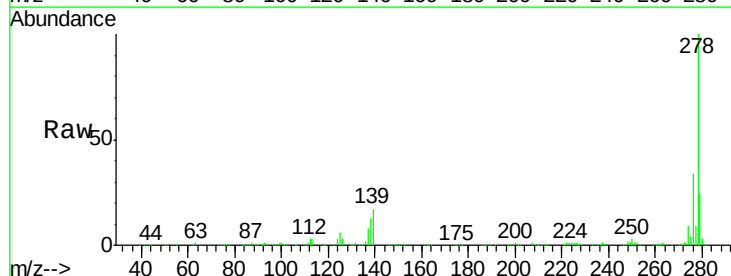
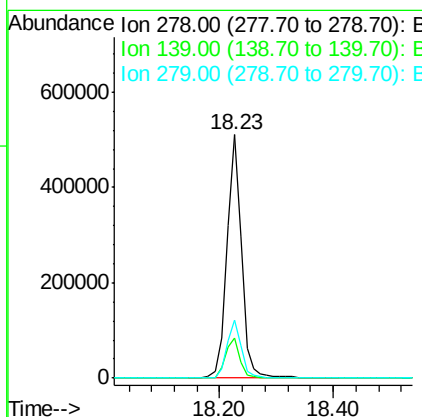
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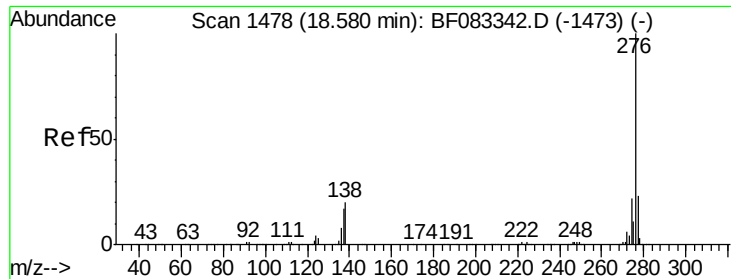
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12/1/2015 6:35:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.69 ng
RT: 18.23 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion: 278 Resp: 931173
Ion Ratio Lower Upper
278 100
139 16.5 13.1 19.7
279 24.1 19.2 28.8





#91
 Benzo(g,h,i)perylene
 Concen: 46.94 ng
 RT: 18.58 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion:	276	Resp:	938836
Ion Ratio		Lower	Upper
276	100		
277	24.2	18.6	28.0
138	20.5	16.1	24.1

Manual Integrations
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