

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083805.D
 Acq On : 15 Dec 2015 8:42
 Operator : UM/IZ
 Sample : PB87256BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Manual Integrations
 APPROVED

MMdadoda
 12/15/2015 6:13:57 PM

Quant Time: Dec 15 17:26:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	99730	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	406248	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	195860	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	385486	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	308010	20.00	ng	-0.02
86) Perylene-d12	15.49	264	255988	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	511149	82.68	ng	-0.02
7) Phenol-d6	6.53	99	665916	85.06	ng	-0.01
23) Nitrobenzene-d5	7.46	82	600173	82.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	189678	95.04	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1085388	79.65	ng	-0.02
78) Terphenyl-d14	13.00	244	1129978	78.91	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	90586	30.30	ng	# 81
3) Pyridine	3.29	79	290209	38.59	ng	# 85
4) n-Nitrosodimethylamine	3.24	42	114415	40.21	ng	# 60
6) Aniline	6.56	93	301744	28.37	ng	# 87
8) 2-Chlorophenol	6.68	128	308130	42.42	ng	# 90
9) Benzaldehyde	6.44	77	115006	27.35	ng	# 87
10) Phenol	6.54	94	377124	41.85	ng	# 78
11) bis(2-Chloroethyl)ether	6.64	93	300930	46.12	ng	# 88
12) 1,3-Dichlorobenzene	6.84	146	323521	41.96	ng	# 98
13) 1,4-Dichlorobenzene	6.92	146	333000	42.74	ng	# 95
14) 1,2-Dichlorobenzene	7.07	146	289670	41.38	ng	# 98
15) Benzyl Alcohol	7.04	79	272607	47.40	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	321158	37.90	ng	# 72
17) 2-Methylphenol	7.16	107	268049	45.89	ng	# 82
18) Hexachloroethane	7.41	117	114006	41.21	ng	# 79
19) n-Nitroso-di-n-propylamine	7.32	70	208237	43.44	ng	# 79
20) 3+4-Methylphenols	7.31	107	299160	43.39	ng	# 64
22) Acetophenone	7.31	105	381643	38.29	ng	# 96
24) Nitrobenzene	7.48	77	313655	41.50	ng	# 85
25) Isophorone	7.72	82	564796	39.65	ng	# 96
26) 2-Nitrophenol	7.80	139	173147	47.69	ng	# 78
27) 2,4-Dimethylphenol	7.84	122	291327	40.84	ng	# 99
28) bis(2-Chloroethoxy)methane	7.94	93	366090	45.03	ng	# 96
29) 2,4-Dichlorophenol	8.04	162	268059	45.77	ng	# 98
30) 1,2,4-Trichlorobenzene	8.13	180	252787	41.62	ng	# 97
31) Naphthalene	8.21	128	887642	41.92	ng	# 99
32) Benzoic acid	7.96	122	198665	44.68	ng	# 90
33) 4-Chloroaniline	8.25	127	149329	17.26	ng	# 91
34) Hexachlorobutadiene	8.33	225	136174	40.86	ng	# 99
35) Caprolactam	8.62	113	107415m	57.12	ng	# 93
36) 4-Chloro-3-methylphenol	8.74	107	302404	44.14	ng	# 97
37) 2-Methylnaphthalene	8.90	142	581810	43.76	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	255896	44.29	ng	# 99
40) Hexachlorocyclopentadiene	9.06	237	266721	91.10	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	187810	44.41	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	197777	49.30	nq	97
45) 1,1'-Biphenyl	9.37	154	751042	43.27	nq	95
46) 2-Chloronaphthalene	9.39	162	578648	45.16	nq	96
47) 2-Nitroaniline	9.48	65	190344	52.38	nq #	56
48) Acenaphthylene	9.80	152	865602	40.15	nq	99
49) Dimethylphthalate	9.66	163	664837	43.54	nq	100
50) 2,6-Dinitrotoluene	9.72	165	153464	47.35	nq #	83
51) Acenaphthene	9.97	154	617295	47.37	nq	99
52) 3-Nitroaniline	9.88	138	93003	24.89	nq	86
53) 2,4-Dinitrophenol	10.00	184	171681	91.59	nq #	81
54) Dibenzofuran	10.14	168	754732	43.71	nq #	90
55) 4-Nitrophenol	10.05	139	262838	95.00	nq	85
56) 2,4-Dinitrotoluene	10.12	165	197798	46.72	nq #	85
57) Fluorene	10.49	166	571355	42.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	154908	51.48	nq #	100
59) Diethylphthalate	10.36	149	671267	43.42	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	262493	42.33	nq #	82
61) 4-Nitroaniline	10.50	138	152243	46.23	nq	89
62) Azobenzene	10.64	77	652606	46.31	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	117962	53.78	nq #	70
65) n-Nitrosodiphenylamine	10.60	169	608046	46.12	nq	98
66) 4-Bromophenyl-phenylether	10.97	248	176468	40.94	nq #	87
67) Hexachlorobenzene	11.04	284	194633	41.73	nq	95
68) Atrazine	11.13	200	188319	50.20	nq	98
69) Pentachlorophenol	11.23	266	237579	90.32	nq	98
70) Phenanthrene	11.45	178	917605	44.81	nq	99
71) Anthracene	11.50	178	951196	44.72	nq	99
72) Carbazole	11.65	167	986153	49.76	nq	97
73) Di-n-butylphthalate	11.98	149	1010674	42.00	nq	99
74) Fluoranthene	12.64	202	1064709	50.32	nq	96
76) Benzidine	12.75	184	321075	34.21	nq	97
77) Pyrene	12.87	202	1047616	43.03	nq	99
79) Butylbenzylphthalate	13.48	149	487382	46.65	nq	90
80) Benzo(a)anthracene	14.04	228	799208	45.63	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	221553	35.07	nq #	96
82) Chrysene	14.08	228	723258	42.34	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	524870	44.14	nq	98
84) Di-n-octyl phthalate	14.65	149	893634	47.29	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	735810	43.86	nq #	100
87) Benzo(b)fluoranthene	15.08	252	851422m	52.14	nq	
88) Benzo(k)fluoranthene	15.11	252	563628m	38.09	nq	
89) Benzo(a)pyrene	15.44	252	692110	47.49	nq #	95
90) Dibenzo(a,h)anthracene	16.93	278	598109	41.27	nq	97
91) Benzo(g,h,i)perylene	17.35	276	617258	41.44	nq	100

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

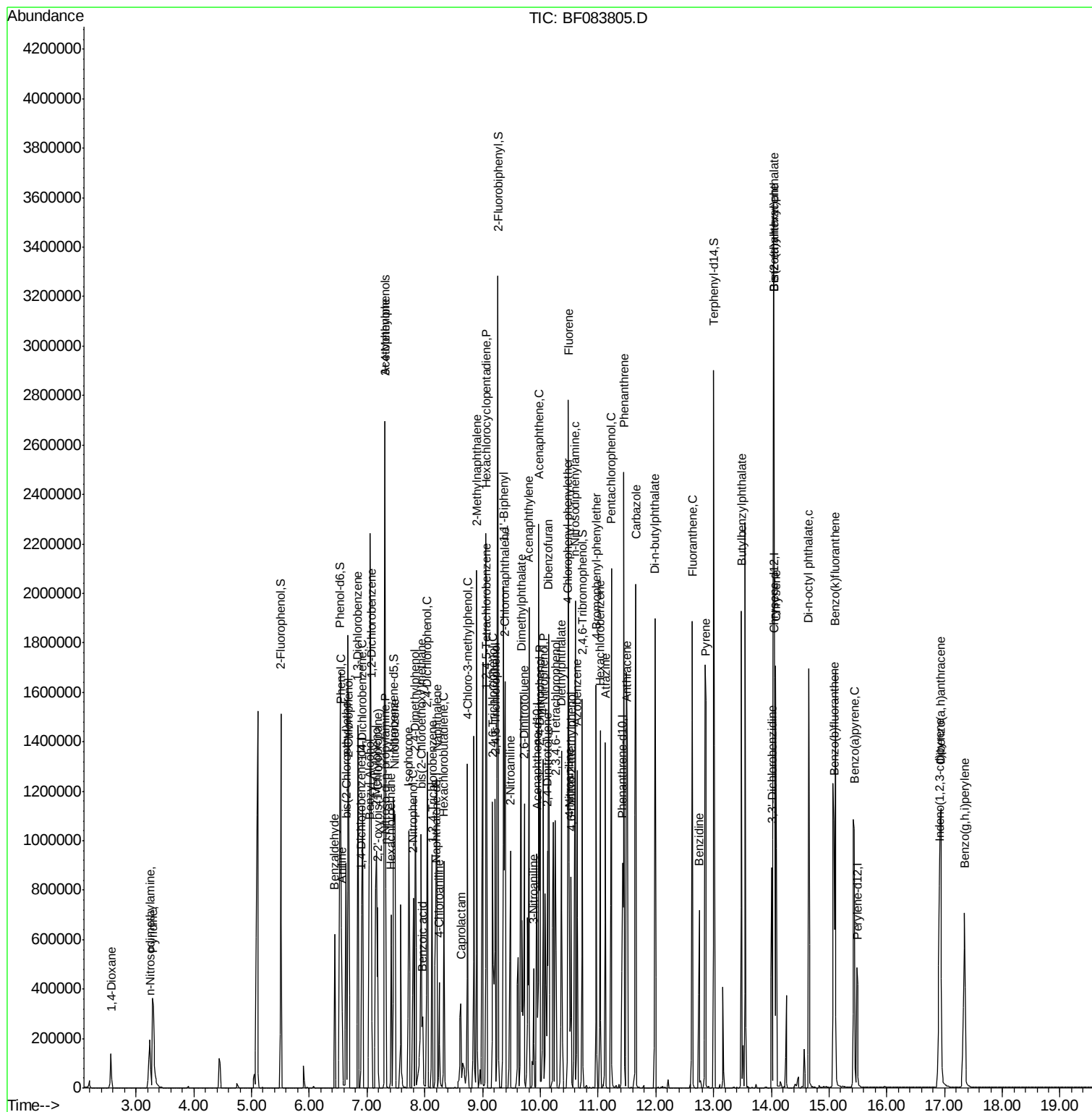
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Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\  
Data File : BF083805.D  
Acq On    : 15 Dec 2015    8:42  
Operator  : UM/IZ  
Sample    : PB87256BS  
Misc      :  
ALS Vial  : 38    Sample Multiplier: 1
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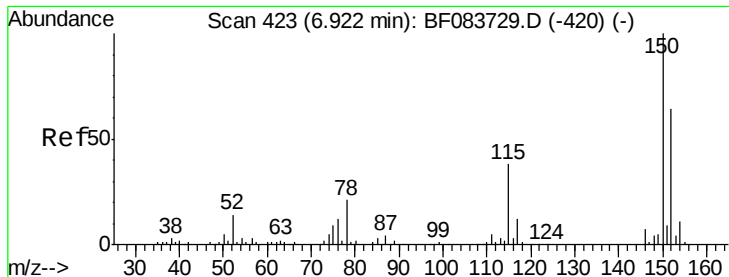
Instrument :
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#1

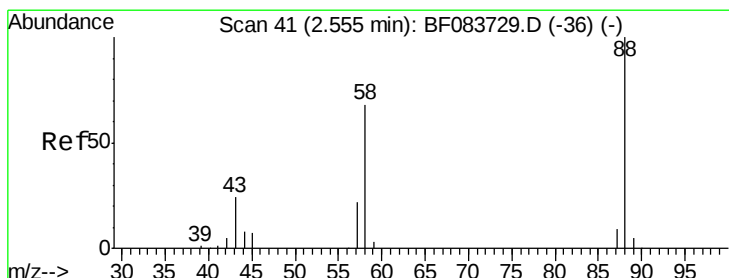
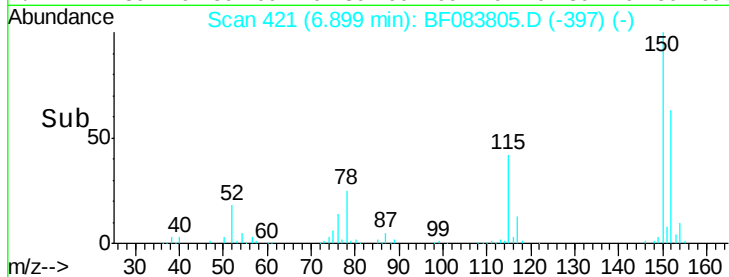
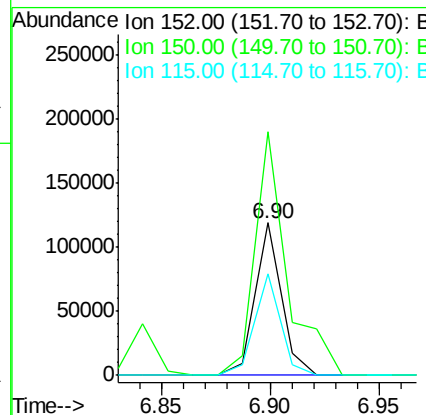
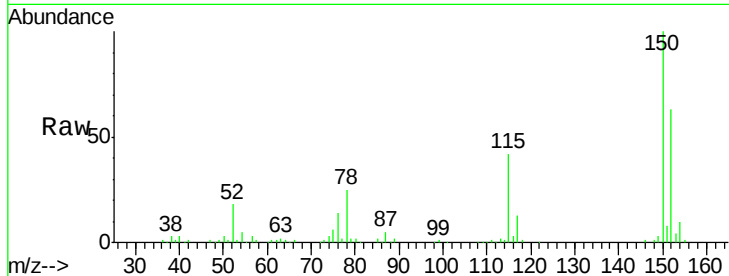
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.5	189.7
115	66.4	52.3	78.5

Manual Integrations
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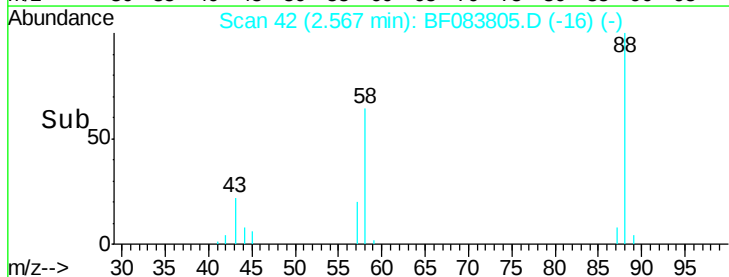
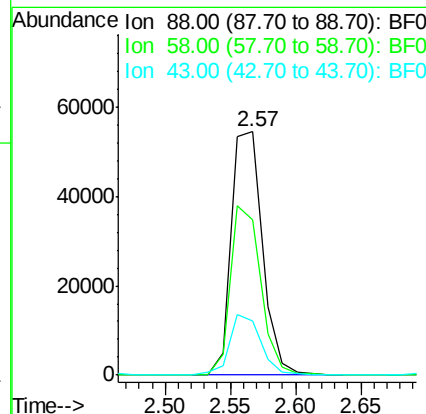
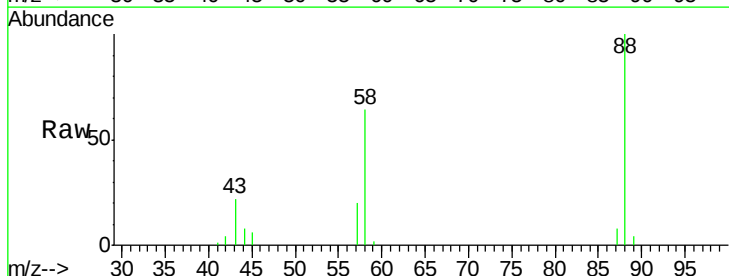
MMdadoda
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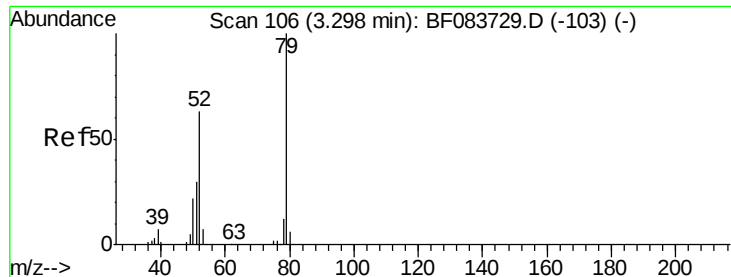


#2

1,4-Dioxane
Concen: 30.30 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	68.0	102.0#
43	24.8	27.9	41.9#





#3

Pvridine

Concen: 38.59 ng

RT: 3.29 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

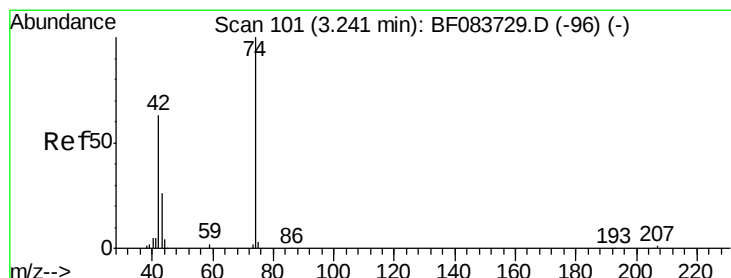
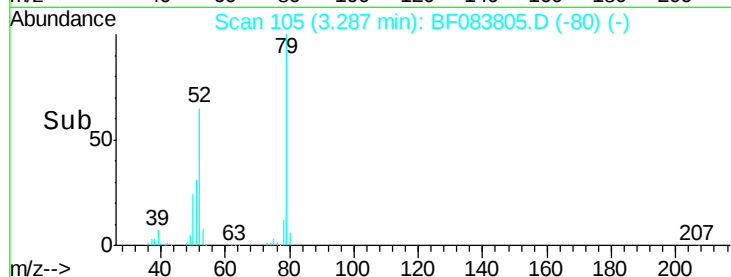
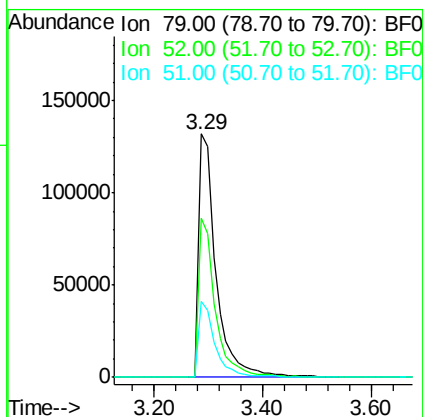
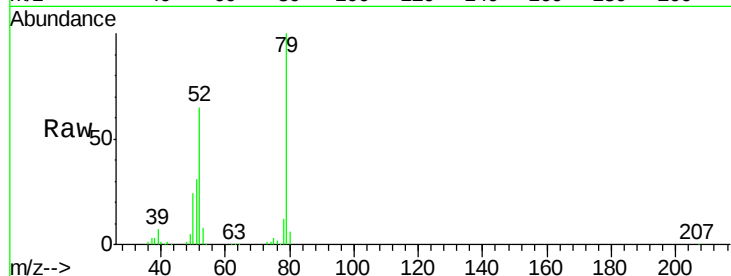
ClientSampleId :

PB87256BS

Tot Ion:	79	Resp:	290209
Ion Ratio	Lower	Upper	
79	100		
52	65.4	63.7	95.5
51	31.0	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 40.21 ng

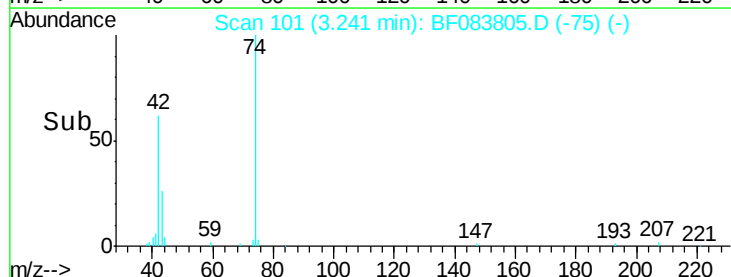
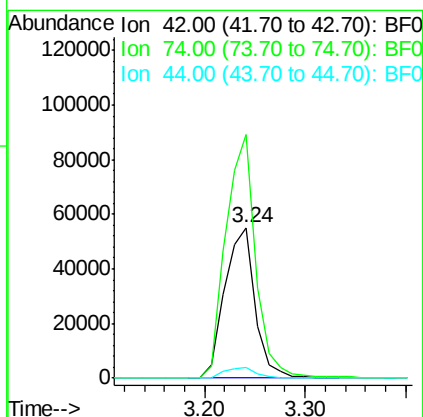
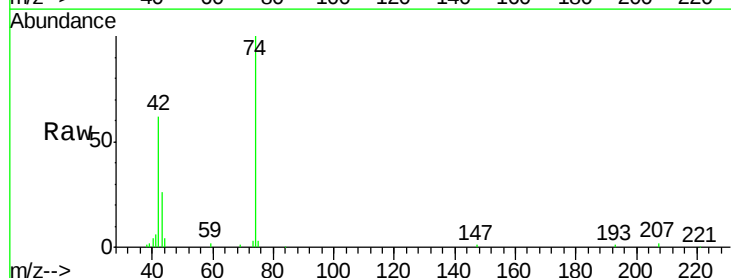
RT: 3.24 min Scan# 101

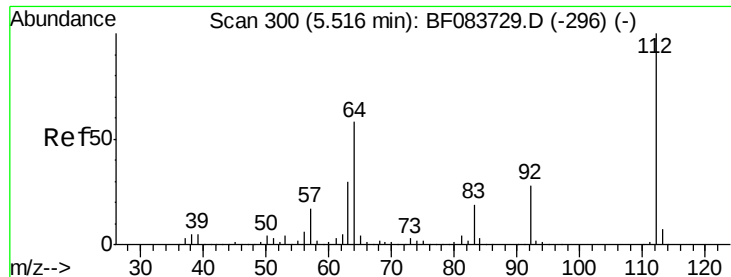
Delta R.T. 0.00 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion:	42	Resp:	114415
Ion Ratio	Lower	Upper	
42	100		
74	162.1	92.9	139.3#
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 82.68 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

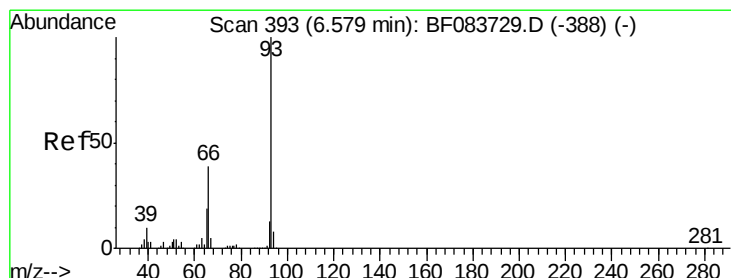
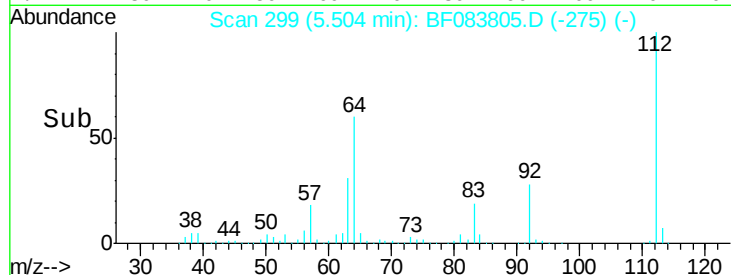
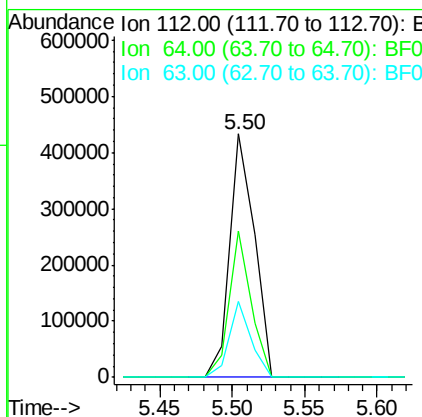
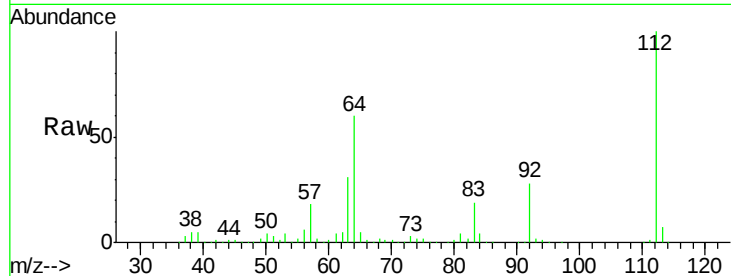
ClientSampleId :

PB87256BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.9	50.5	75.7
63	31.0	25.8	38.6

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#6

Aniline

Concen: 28.37 ng

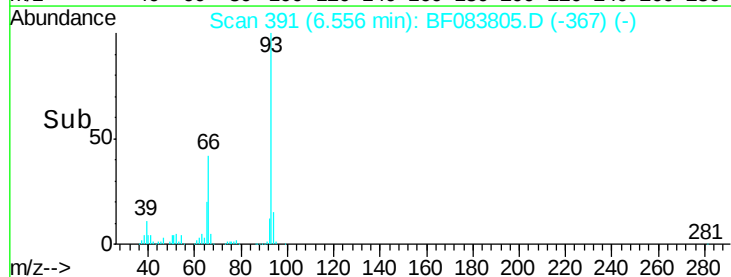
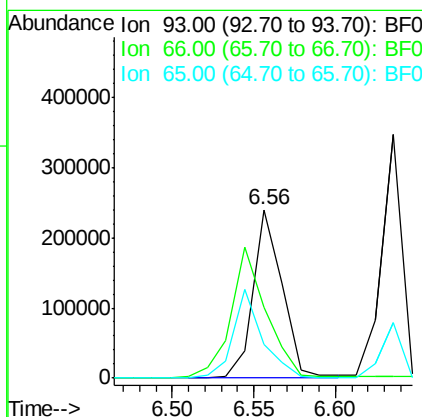
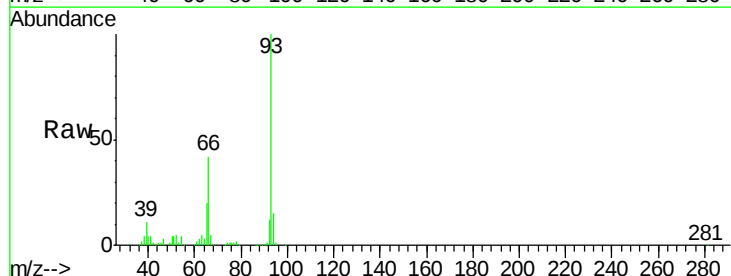
RT: 6.56 min Scan# 391

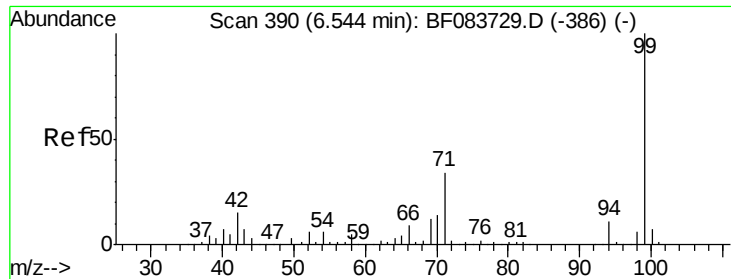
Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	41.7	41.3	61.9
65	20.0	20.8	31.2#





#7

Phenol-d6

Concen: 85.06 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

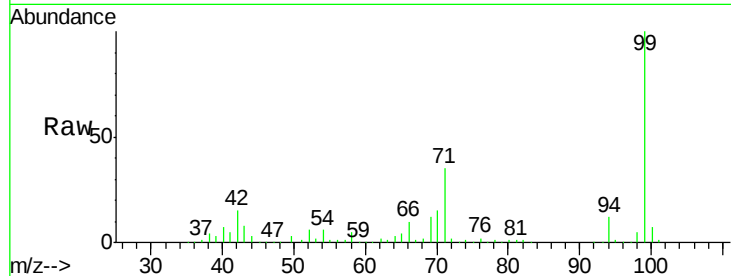
ClientSampleId :

PB87256BS

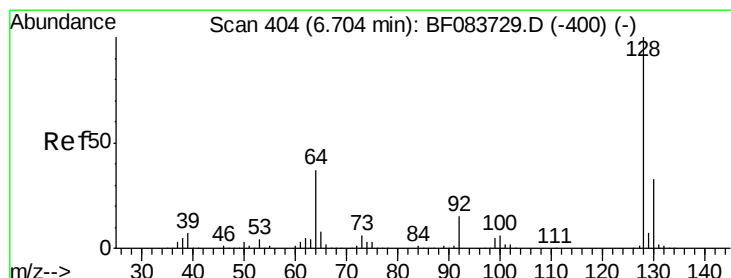
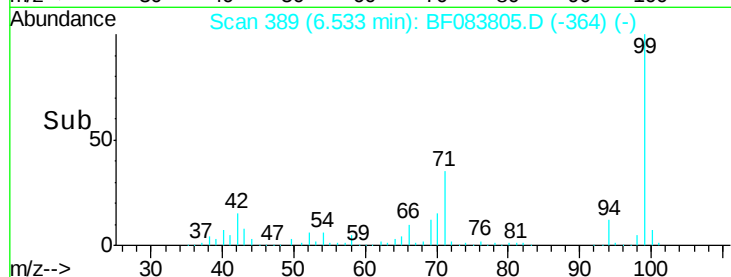
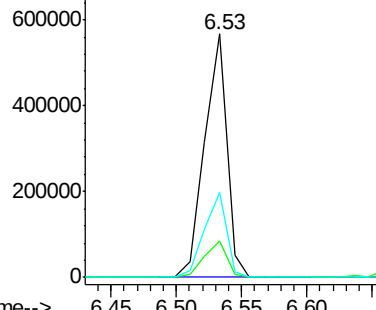
Tot Ion:	99	Resp:	665916
Ion Ratio	Lower	Upper	
99	100		
42	15.1	17.3	25.9#
71	35.0	26.6	40.0

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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: 42.42 ng

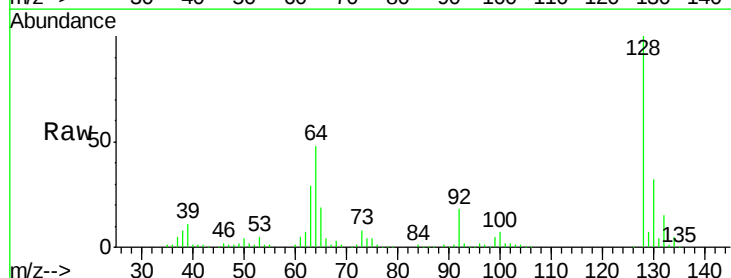
RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

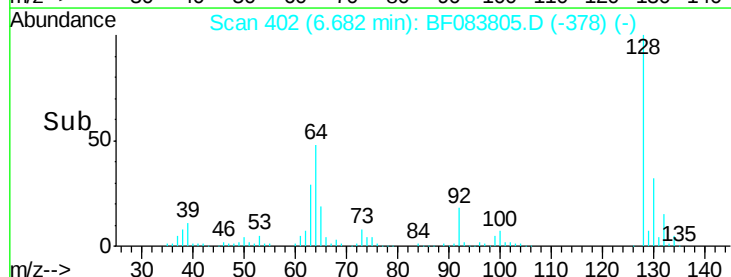
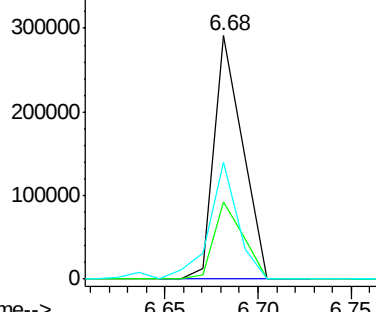
Lab File: BF083805.D

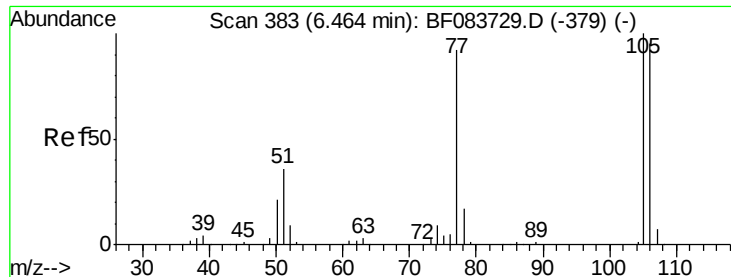
Acq: 15 Dec 2015 8:42

Tgt Ion:	128	Resp:	308130
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.6	52.6
64	48.2	38.6	78.6



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: 27.35 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

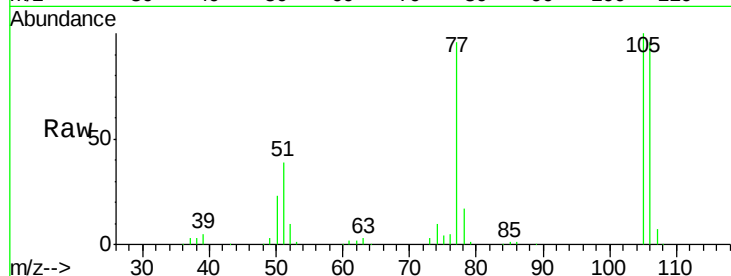
ClientSampleId :

PB87256BS

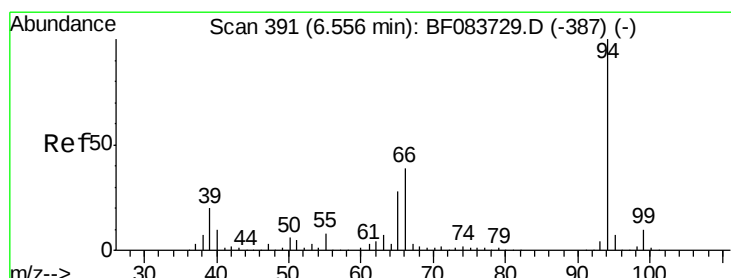
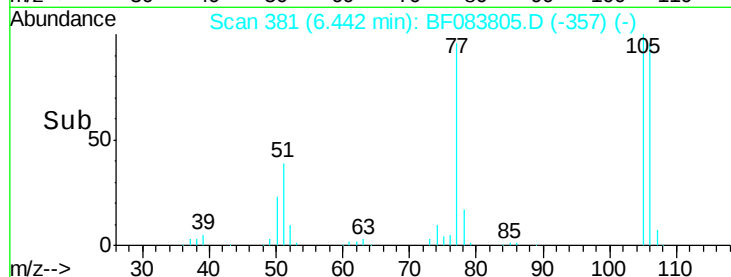
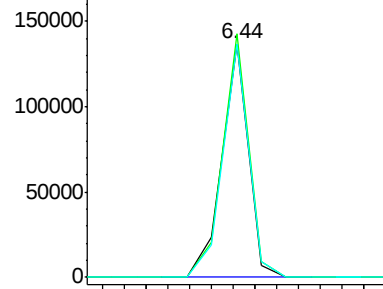
Tot Ion:	77	Resp:	115006
Ion Ratio	Lower	Upper	
77	100		
105	104.2	71.8	111.8
106	99.7	66.8	106.8

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.85 ng

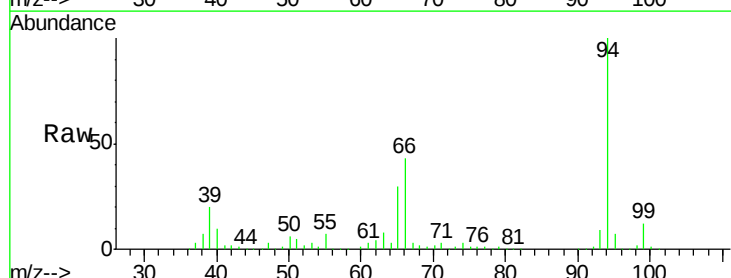
RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

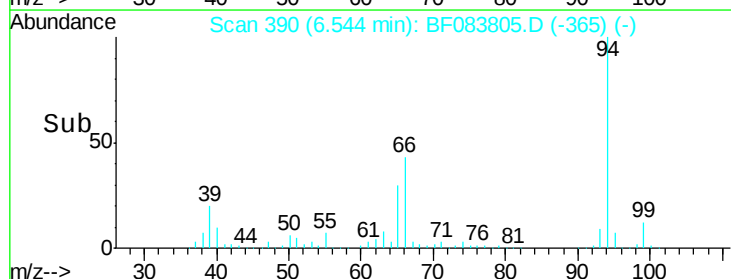
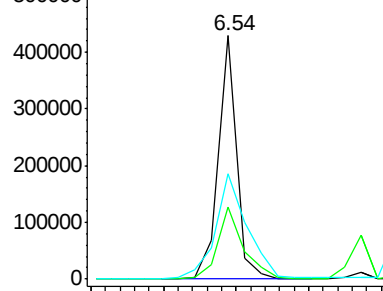
Lab File: BF083805.D

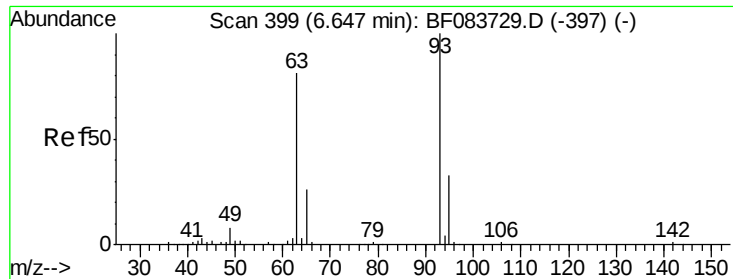
Acq: 15 Dec 2015 8:42

Tgt Ion:	94	Resp:	377124
Ion Ratio	Lower	Upper	
94	100		
65	29.6	20.9	60.9
66	43.3	41.6	81.6



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





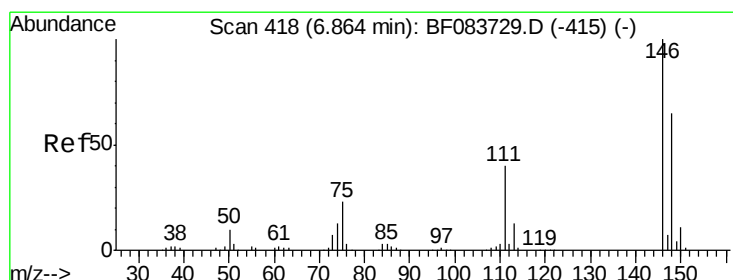
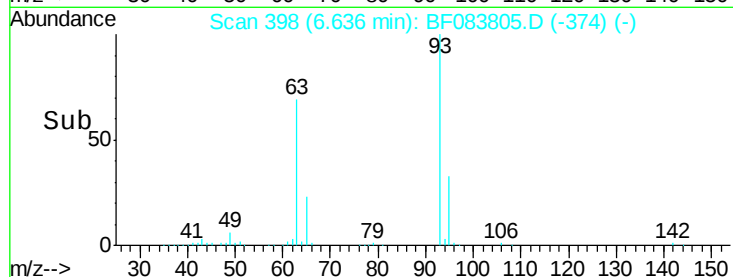
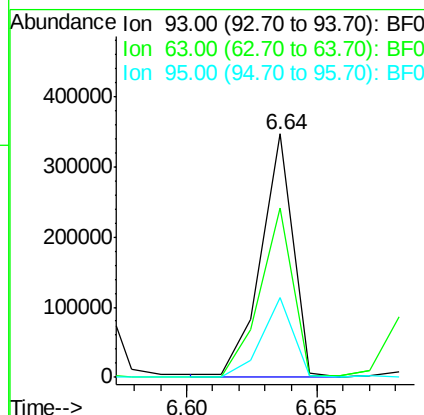
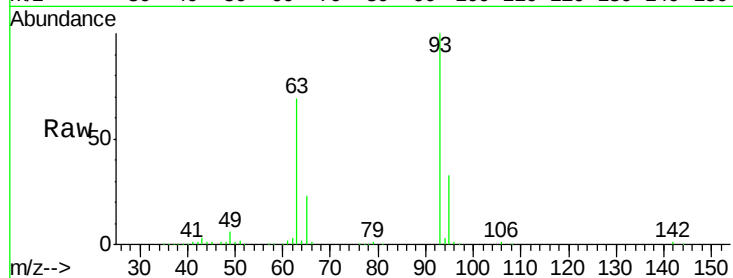
#11
bis(2-Chloroethyl)ether
Concen: 46.12 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		300930		
63	69.4	64.7	104.7		
95	33.0	12.7	52.7		

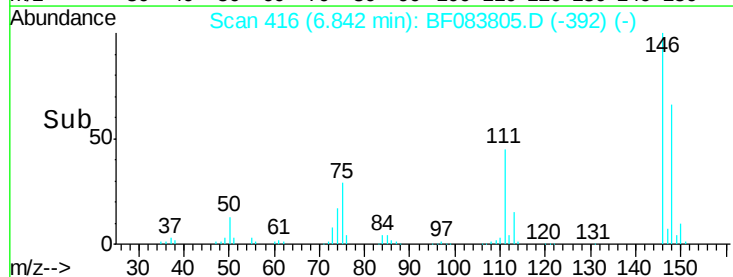
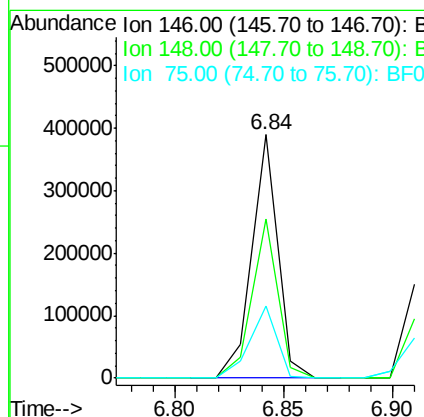
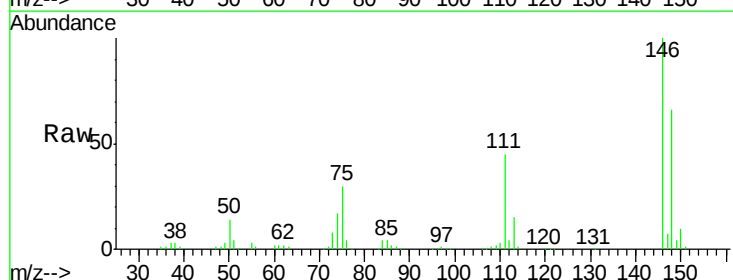
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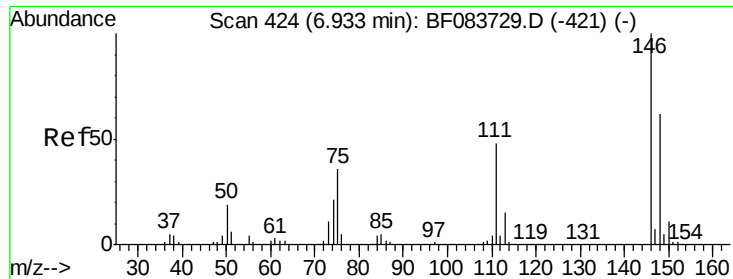
MMdadoda
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#12
1,3-Dichlorobenzene
Concen: 41.96 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		323521		
148	65.6	51.3	76.9		
75	29.6	24.1	36.1		





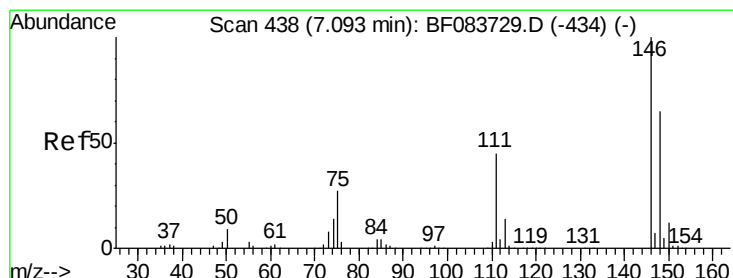
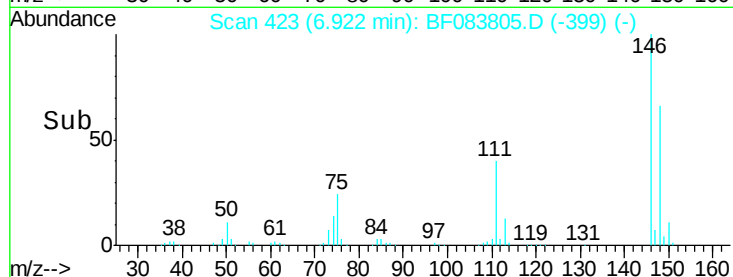
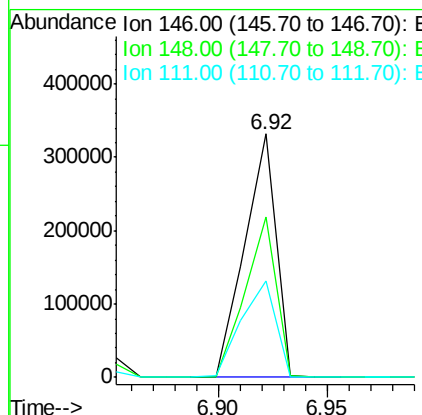
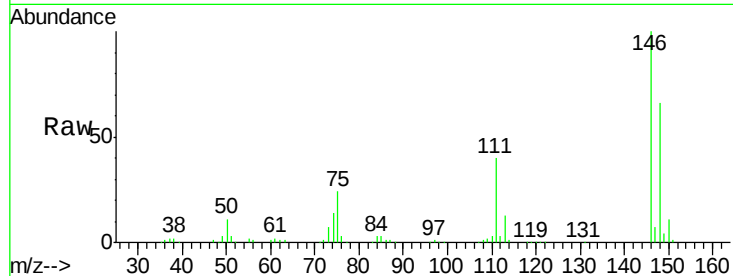
#13
 1,4-Dichlorobenzene
 Concen: 42.74 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.6	76.0
111	39.6	36.1	54.1

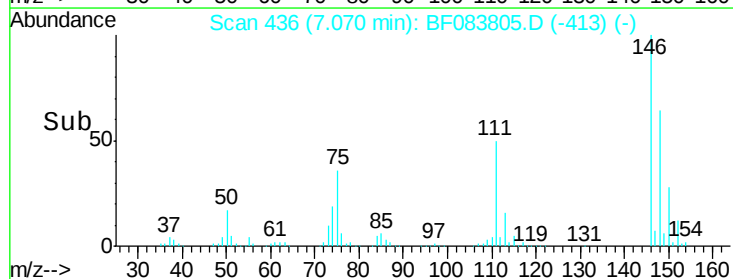
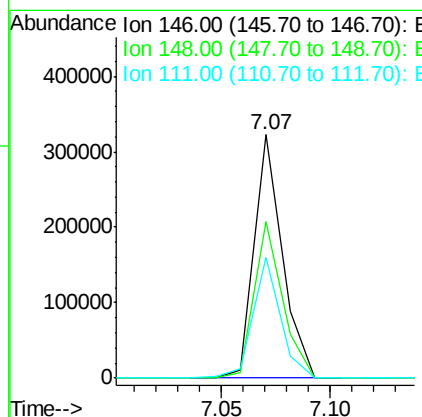
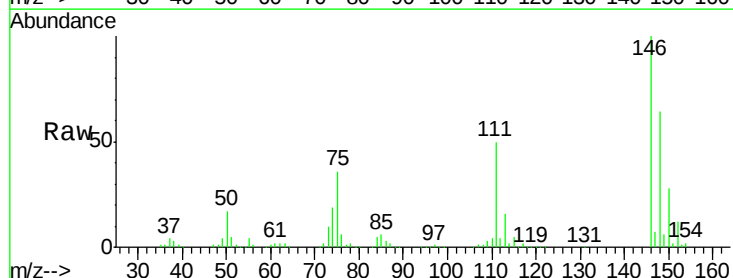
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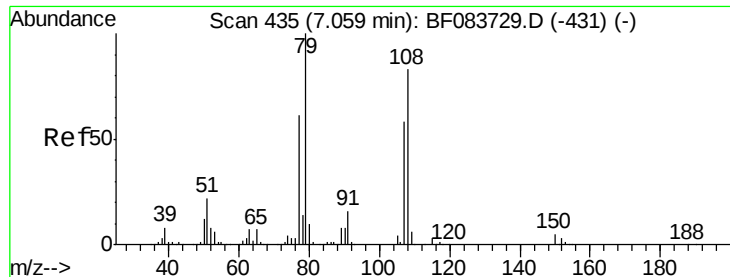
MMdadoda
 12/15/2015 6:13:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.38 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.03 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	49.5	36.7	55.1





#15

Benzyl Alcohol

Concen: 47.40 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

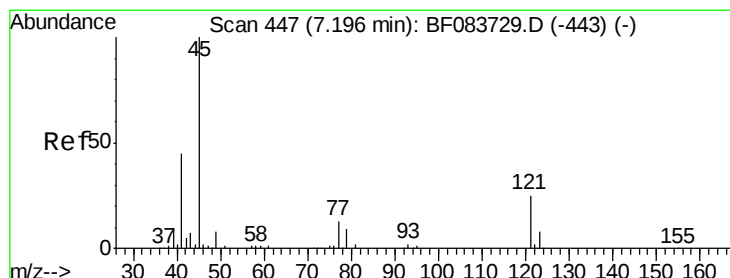
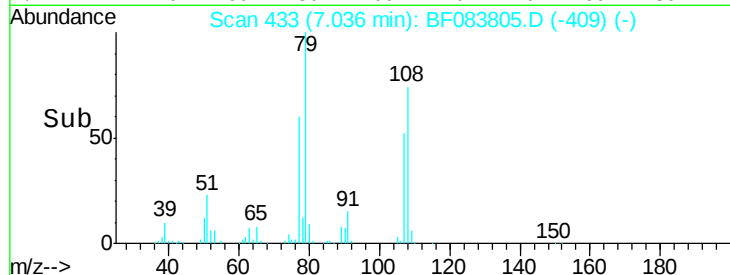
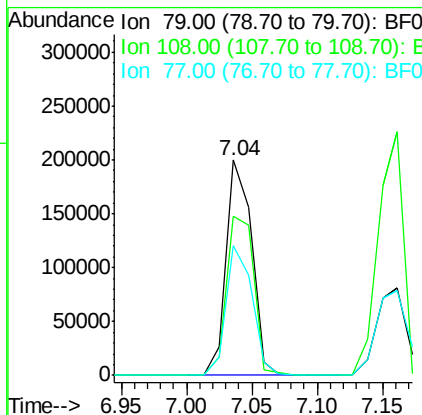
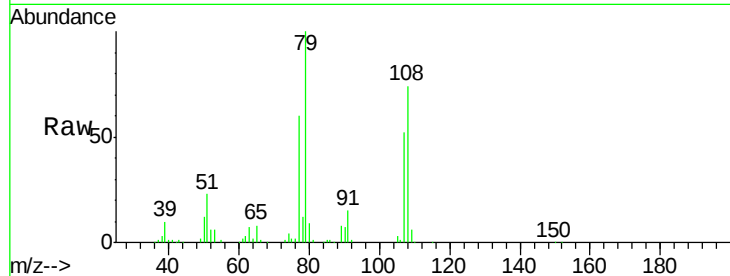
ClientSampleId :

PB87256BS

Tot Ion:	79	Resp:	272607
Ion Ratio	Lower	Upper	
79	100		
108	74.1	59.6	89.4
77	60.3	49.8	74.6

Manual Integrations
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MMdadoda
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.90 ng

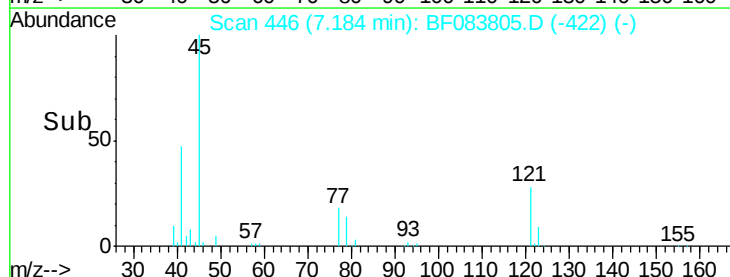
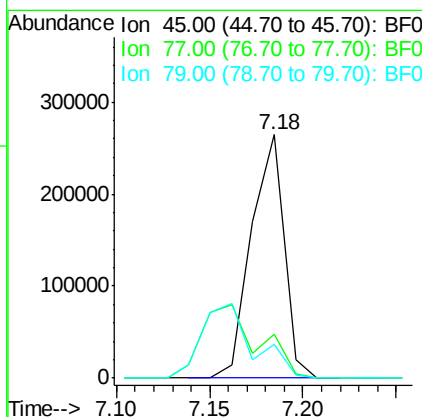
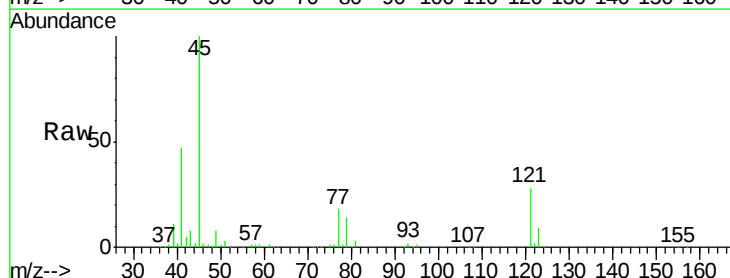
RT: 7.18 min Scan# 446

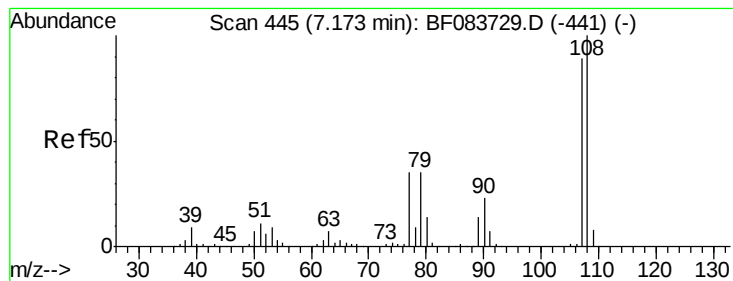
Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion:	45	Resp:	321158
Ion Ratio	Lower	Upper	
45	100		
77	18.1	12.8	52.8
79	13.9	10.7	50.7





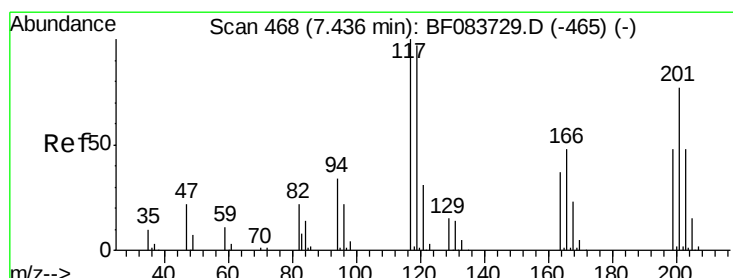
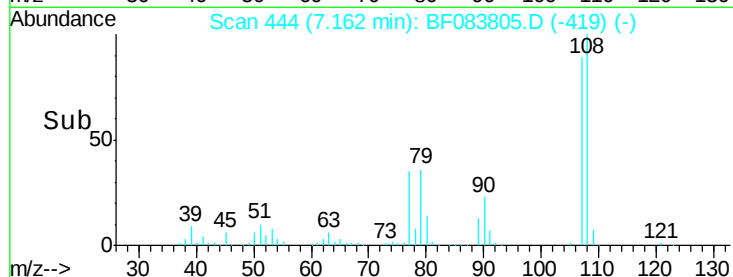
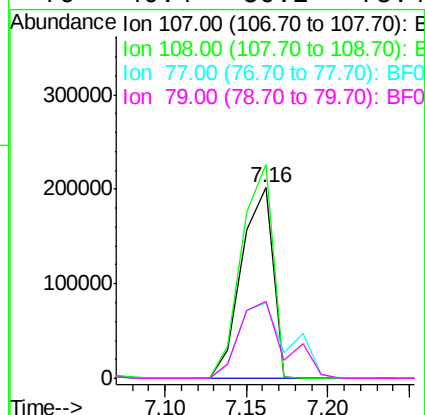
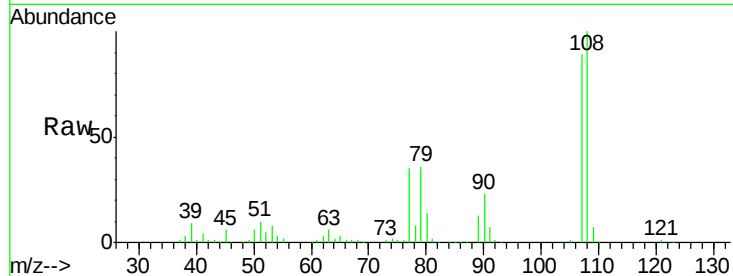
#17
2-Methylphenol
Concen: 45.89 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	268049		
108	112.3	91.6	137.4	
77	39.4	53.7	80.5#	
79	40.4	50.2	75.4#	

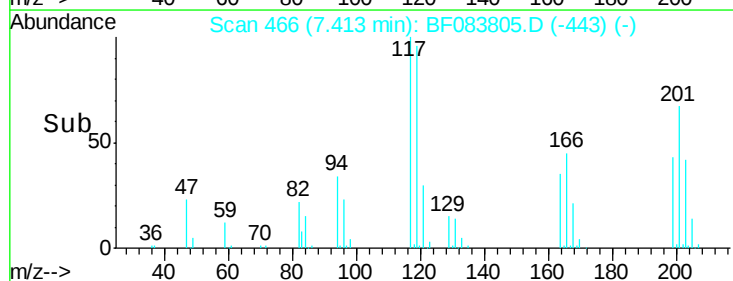
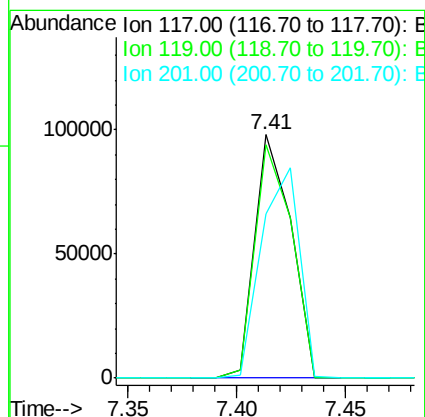
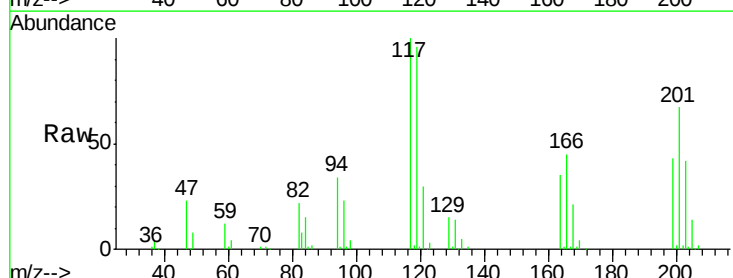
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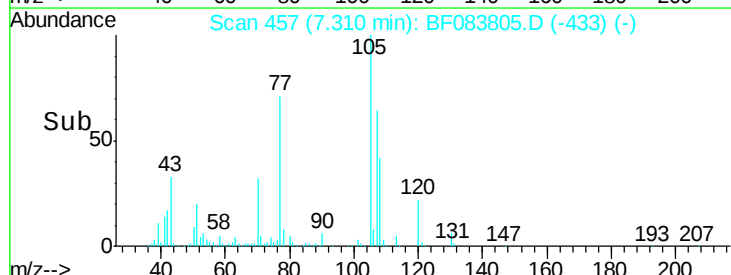
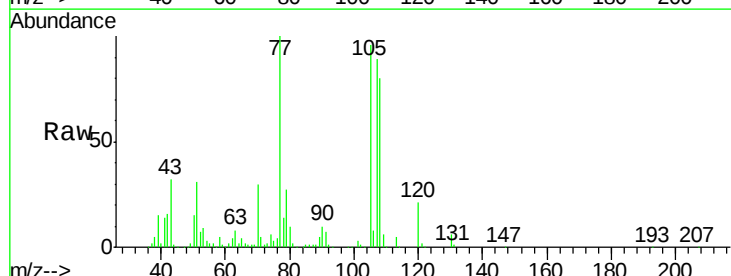
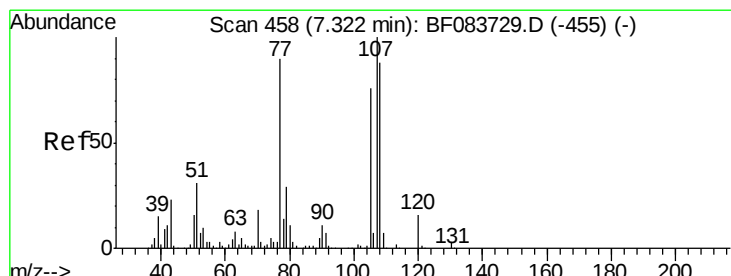
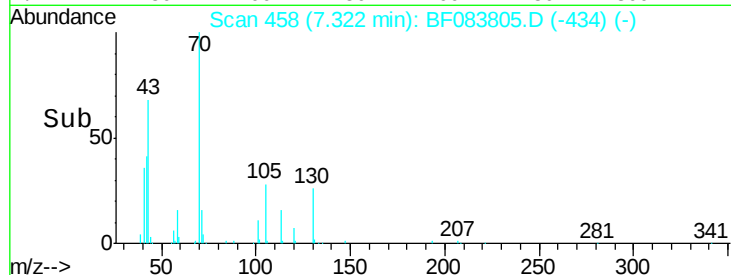
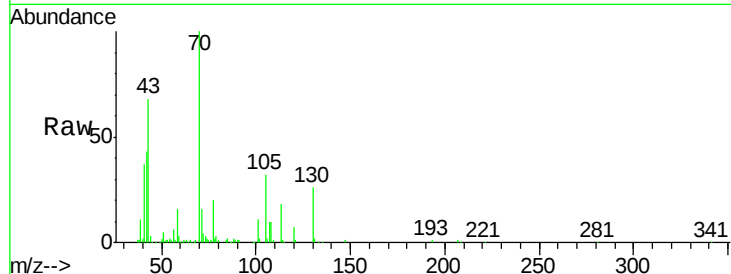
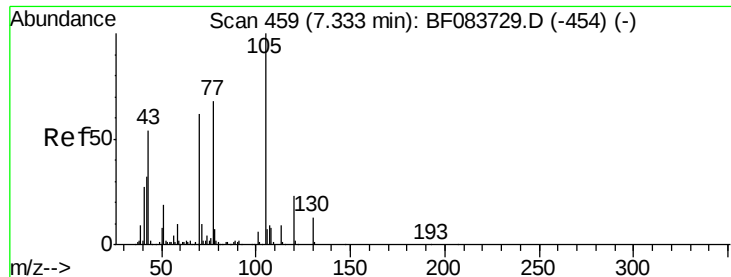
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#18
Hexachloroethane
Concen: 41.21 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114006		
119	95.7	77.2	115.8	
201	67.3	86.8	130.2#	





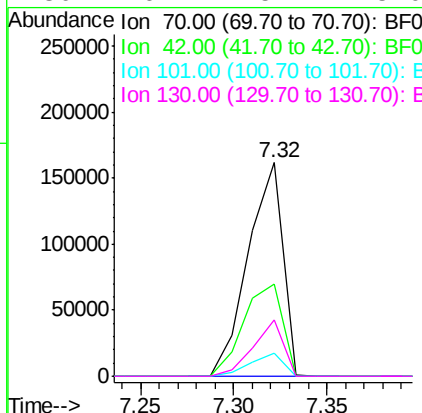
#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	42.9	49.2	73.8#
101	11.1	7.1	10.7#
130	26.4	15.4	23.0#

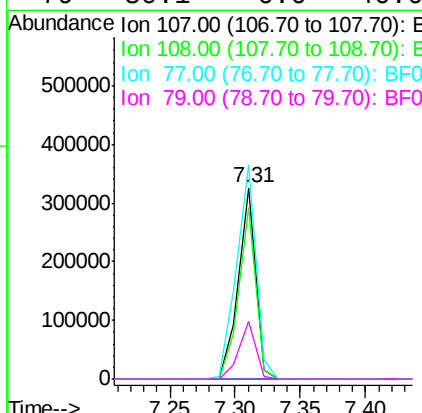
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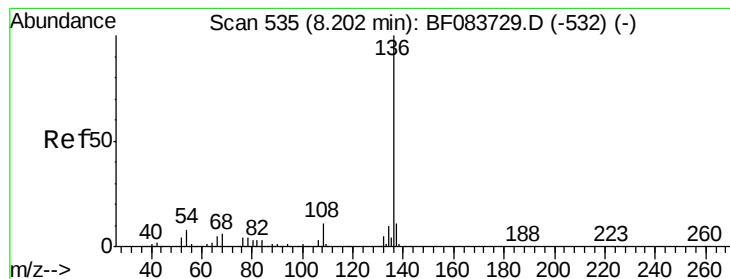
MMdadoda
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#20
3+4-Methylphenols
Concen: 43.39 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	90.0	65.2	105.2
77	111.9	15.2	55.2#
79	30.1	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

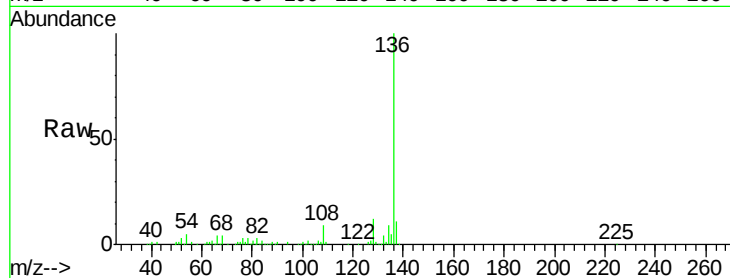
ClientSampleId :

PB87256BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		406248		
137	10.9		8.7	13.1	
54	5.1		7.8	11.6	
68	4.1		5.7	8.5	

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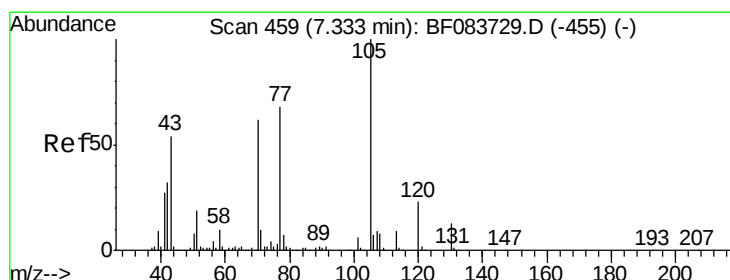
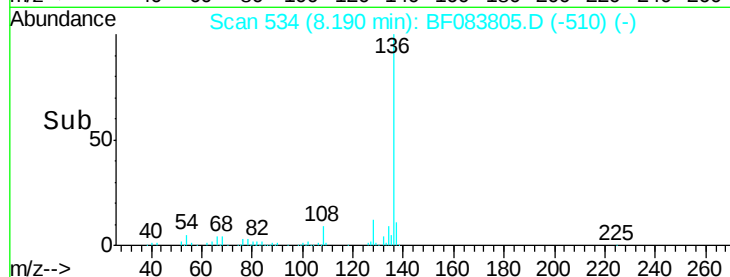
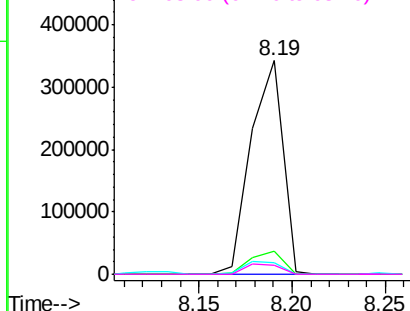
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.29 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		381643		
71	5.3		1.3	1.9	
51	32.6		23.8	35.8	
120	21.4		16.7	25.1	

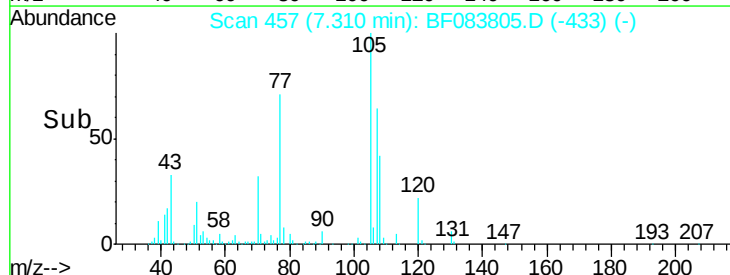
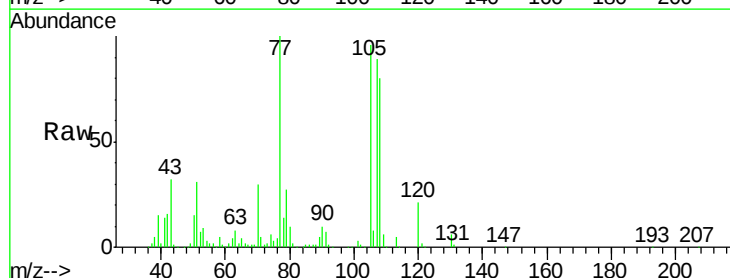
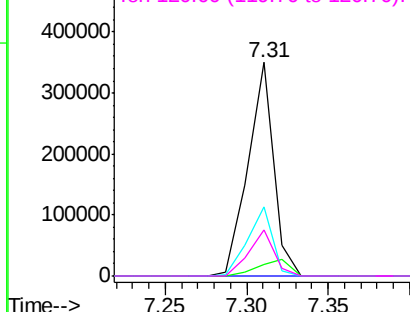
Abundance

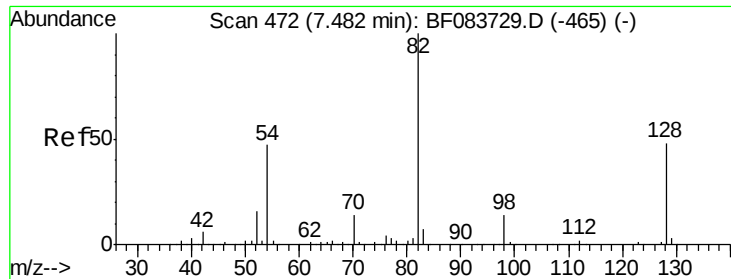
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





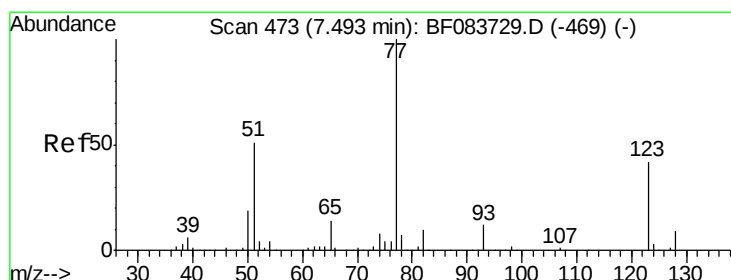
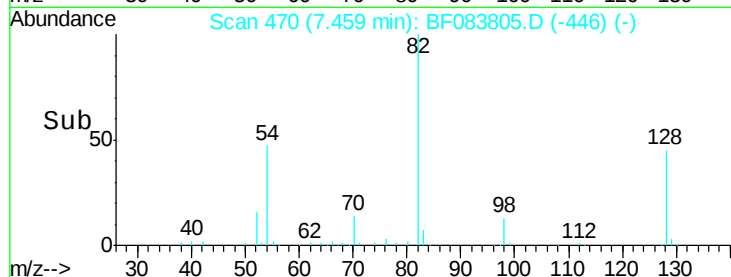
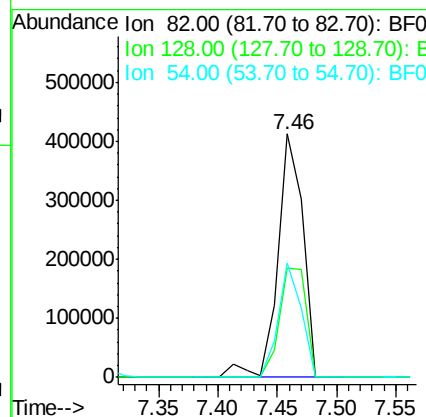
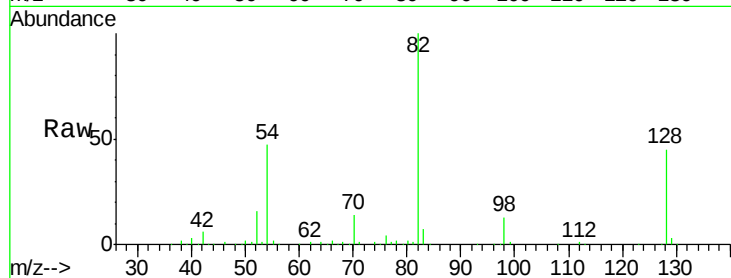
#23
Nitrobenzene-d5
Concen: 82.65 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	44.6	30.7	46.1
54	46.8	42.5	63.7

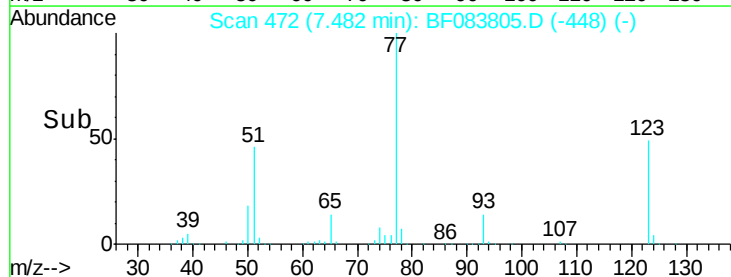
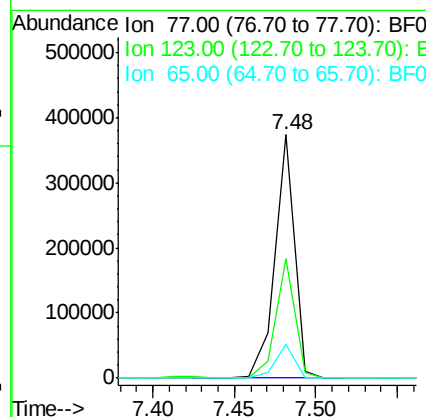
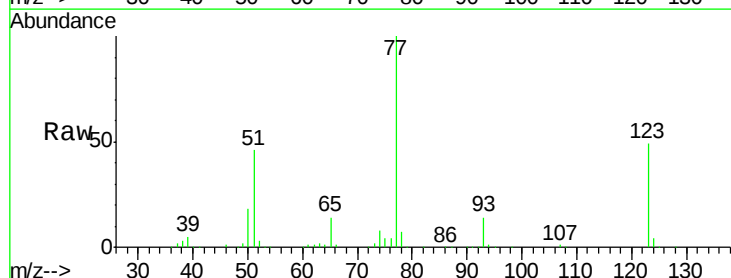
Manual Integrations
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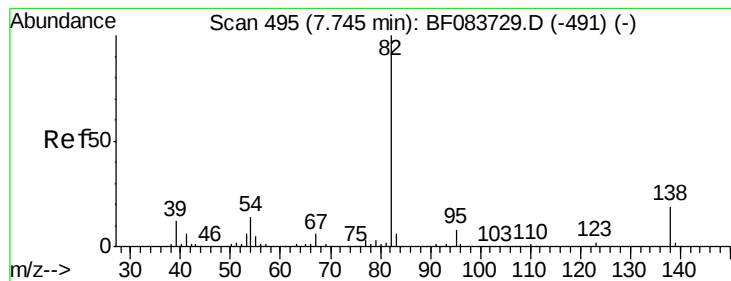
MMdadoda
12/15/2015 6:13:57 PM



#24
Nitrobenzene
Concen: 41.50 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	49.3	29.8	44.6#
65	13.8	11.1	16.7





#25

Isophorone

Concen: 39.65 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

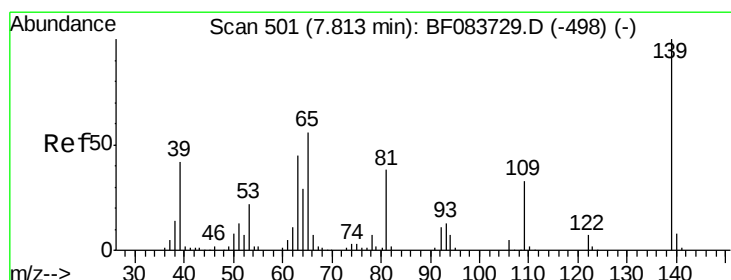
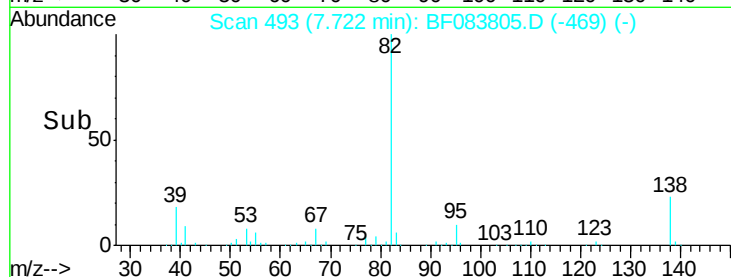
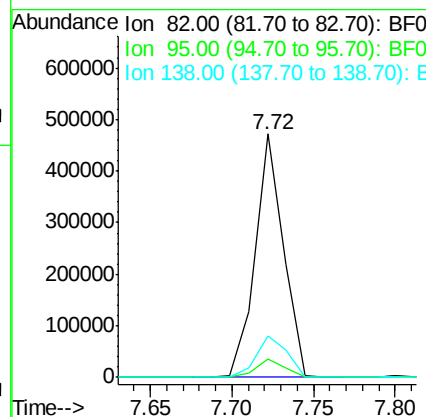
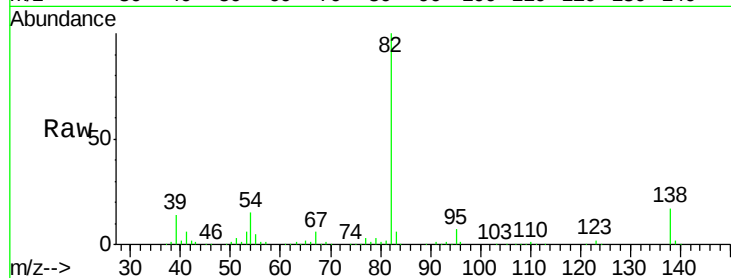
ClientSampleId :

PB87256BS

Tot Ion:	82	Resp:	564796
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.0	7.4#
138	17.1	12.1	18.1

Manual Integrations
APPROVED

MMdadoda
12/15/2015 6:13:57 PM



#26

2-Nitrophenol

Concen: 47.69 ng

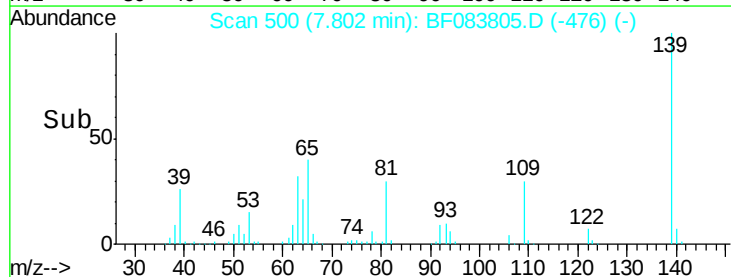
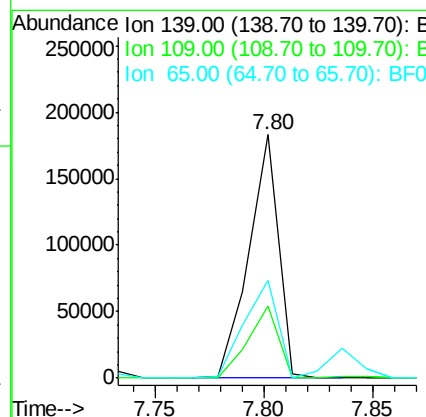
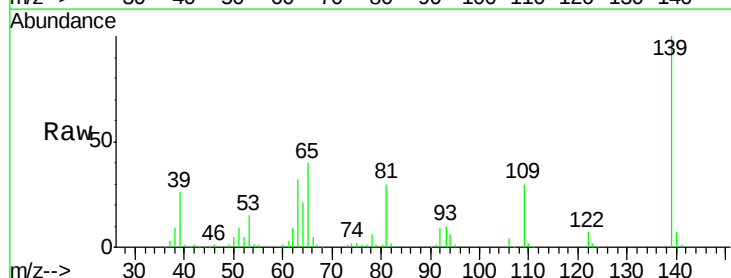
RT: 7.80 min Scan# 500

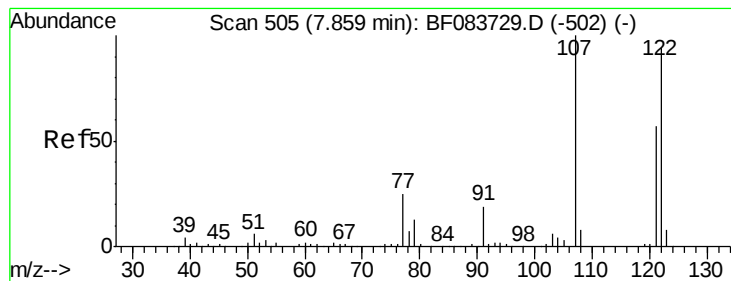
Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion:	139	Resp:	173147
Ion Ratio	Lower	Upper	
139	100		
109	29.7	22.7	34.1
65	40.3	51.8	77.8#





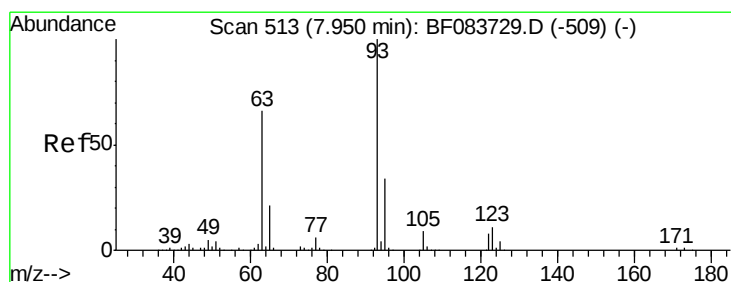
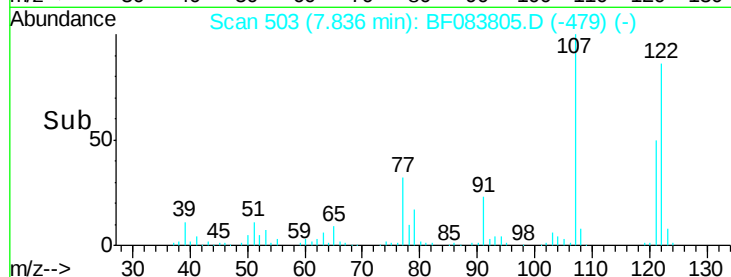
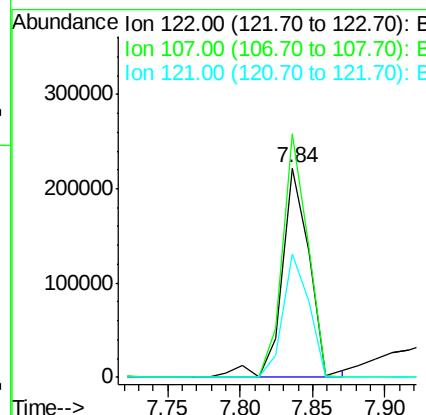
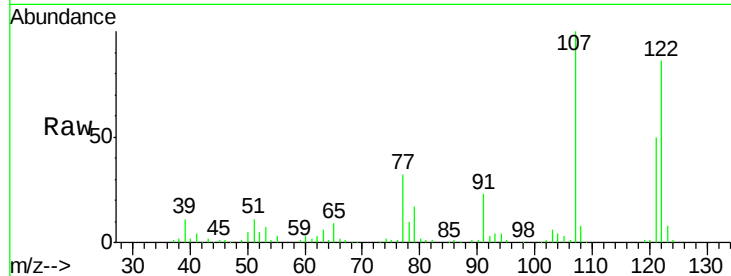
#27
 2,4-Dimethylphenol
 Concen: 40.84 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	291327		
107	116.4	92.4	138.6	
121	58.7	45.8	68.6	

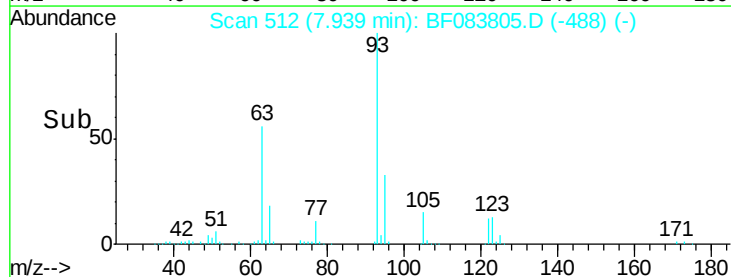
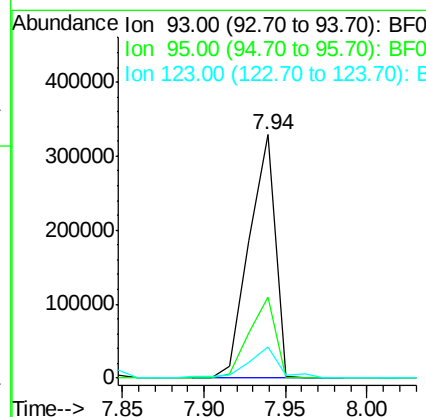
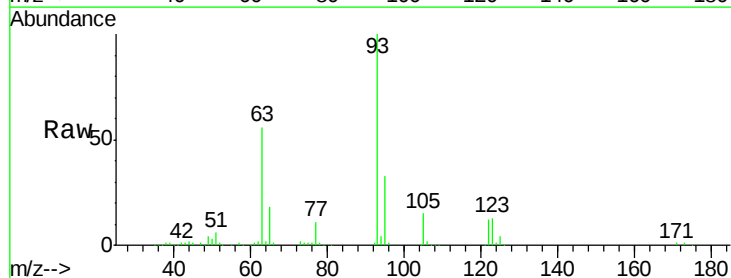
Manual Integrations
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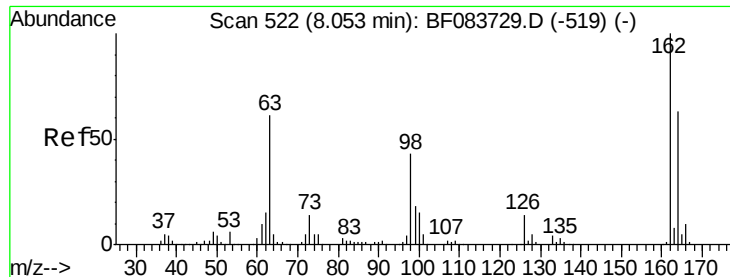
MMdadoda
 12/15/2015 6:13:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.03 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	366090		
95	33.4	25.6	38.4	
123	13.0	7.3	10.9	





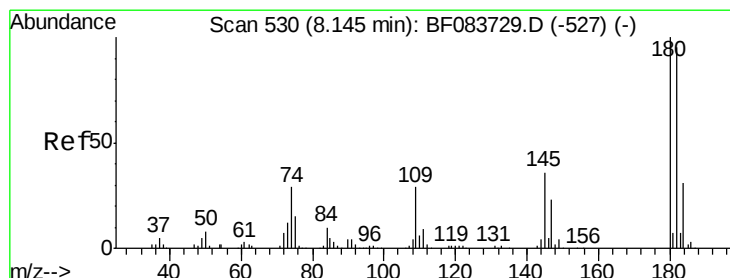
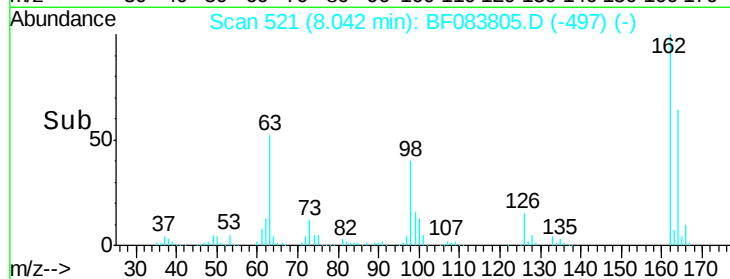
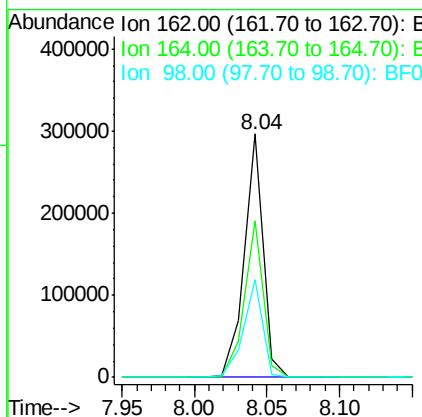
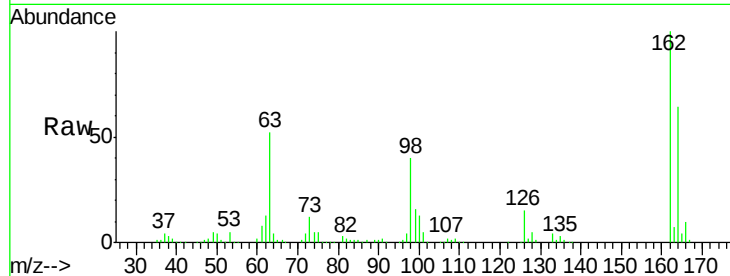
#29
2,4-Dichlorophenol
Concen: 45.77 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	43.4	83.4
98	40.0	17.5	57.5

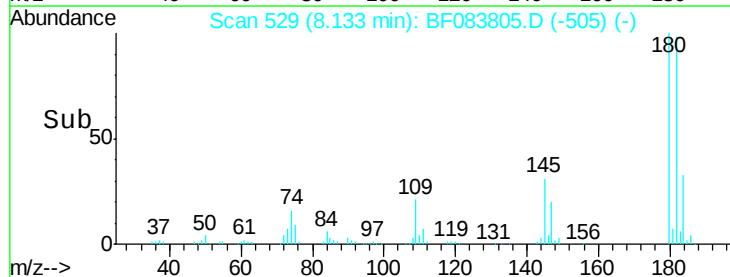
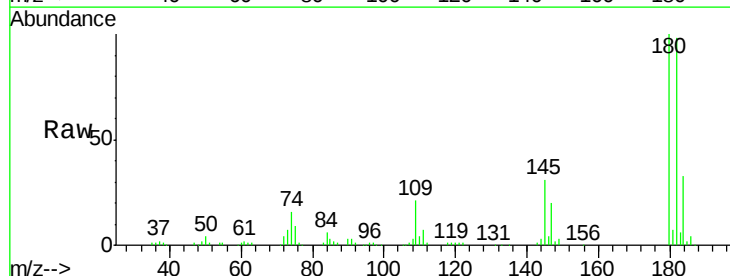
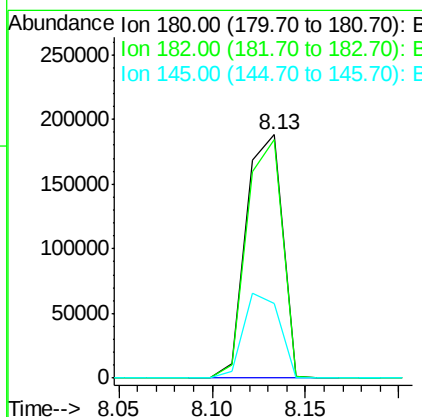
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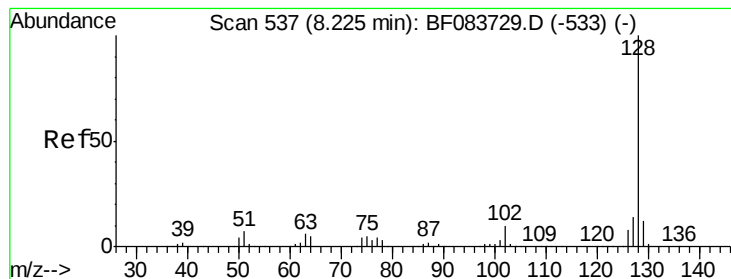
MMdadoda
12/15/2015 6:13:57 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.62 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.0	74.9	112.3
145	30.7	24.7	37.1





#31

Naphthalene

Concen: 41.92 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

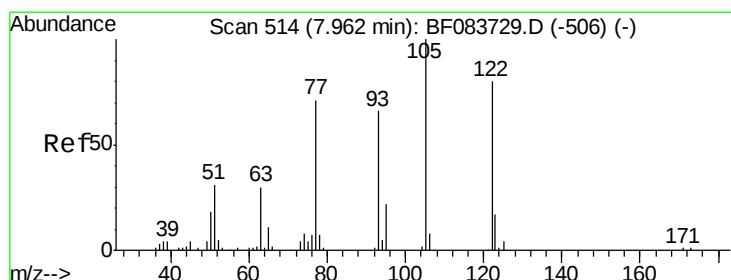
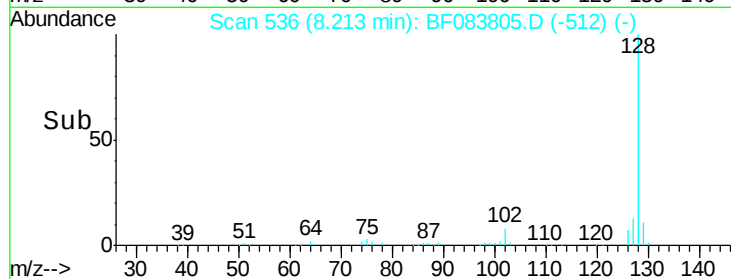
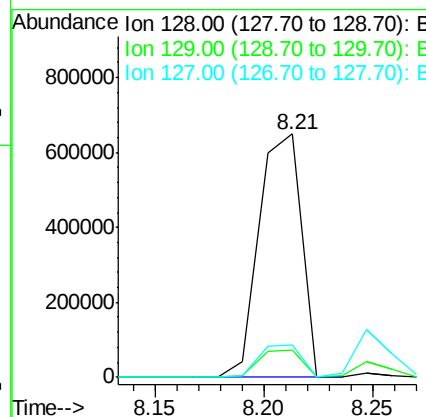
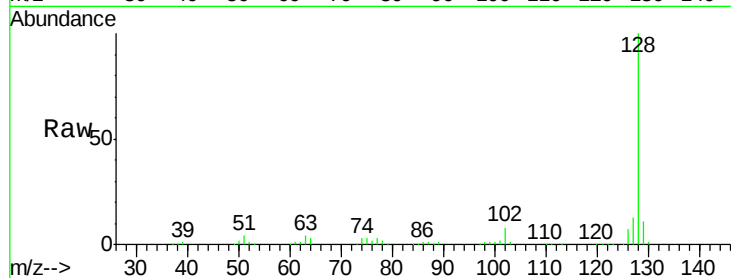
ClientSampleId :

PB87256BS

Tot Ion:	128	Resp:	887642
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	13.4	10.6	16.0

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#32

Benzoic acid

Concen: 44.68 ng

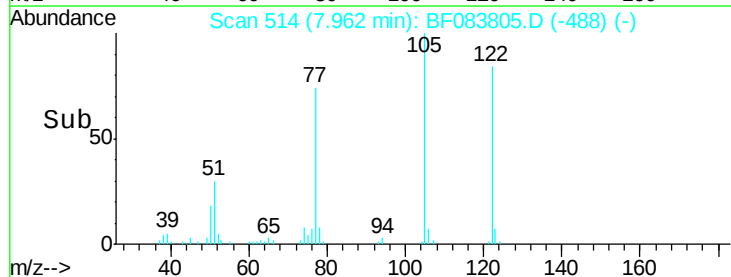
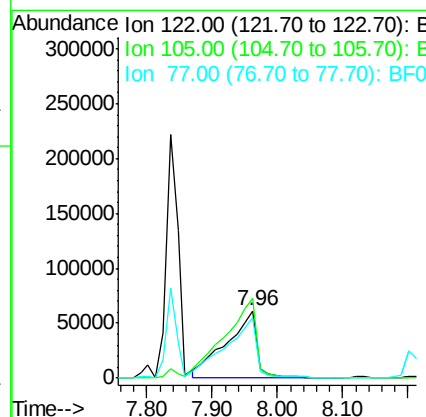
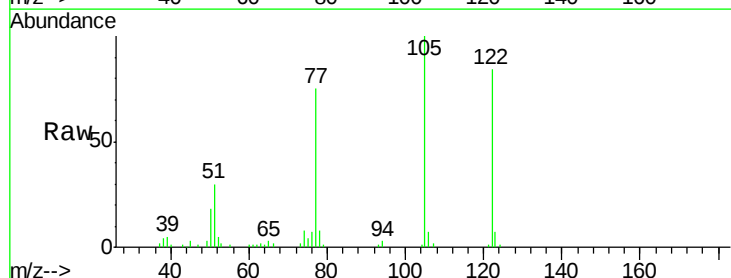
RT: 7.96 min Scan# 514

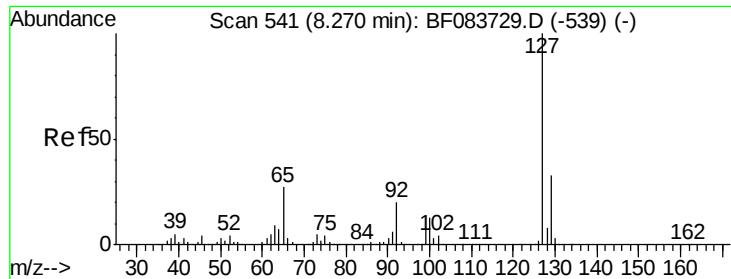
Delta R.T. 0.00 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion:	122	Resp:	198665
Ion Ratio	Lower	Upper	
122	100		
105	119.6	105.6	145.6
77	90.0	86.8	126.8





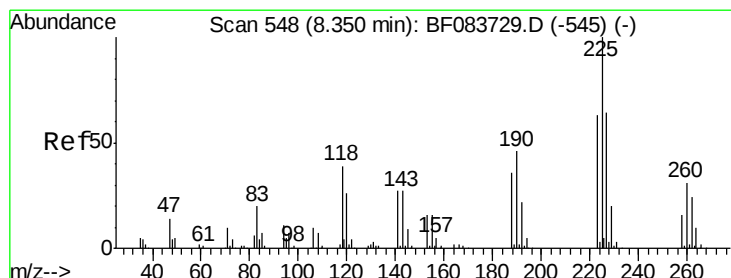
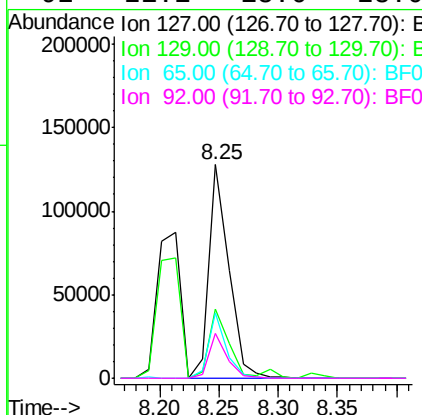
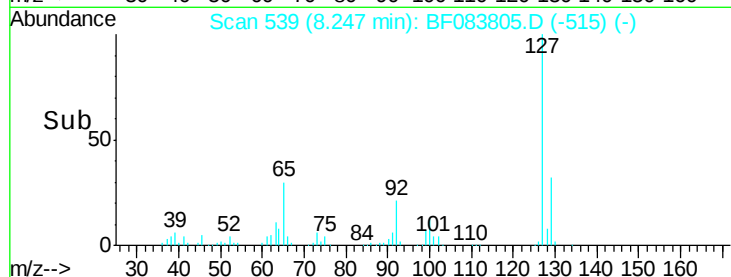
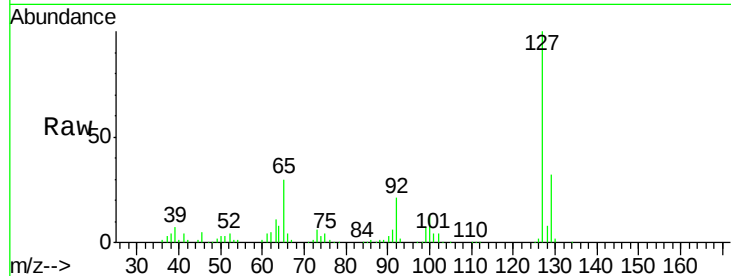
#33
4-Chloroaniline
Concen: 17.26 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.1	39.1	
65	30.4	33.5	50.3	
92	21.1	18.6	28.0	

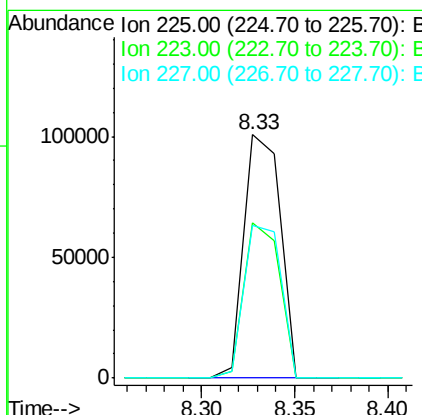
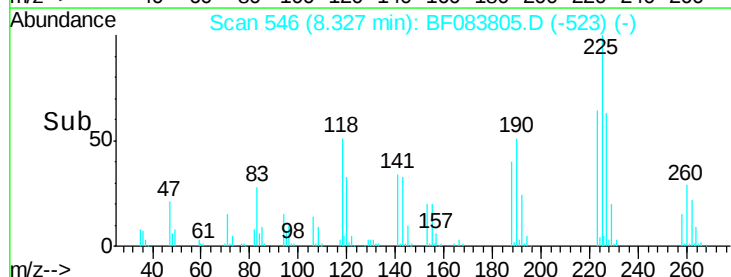
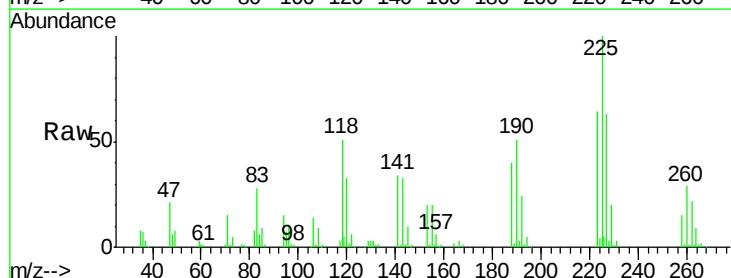
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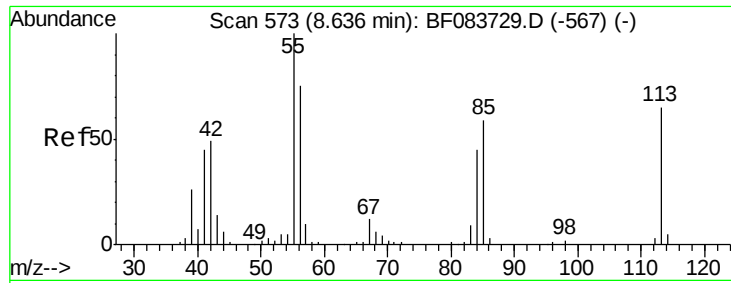
MMdadoda
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#34
Hexachlorobutadiene
Concen: 40.86 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	52.3	78.5	
227	62.6	50.4	75.6	





#35

Caprolactam

Concen: 57.12 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

Tot Ion:113 Resp: 107415

Ion Ratio Lower Upper

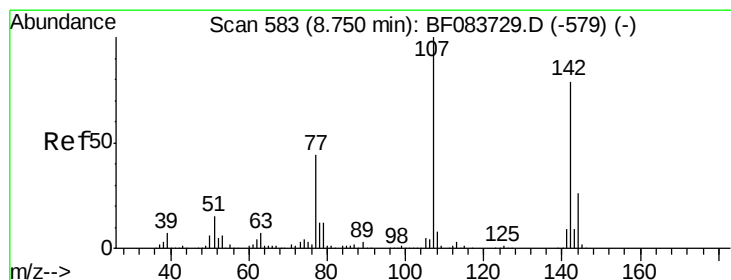
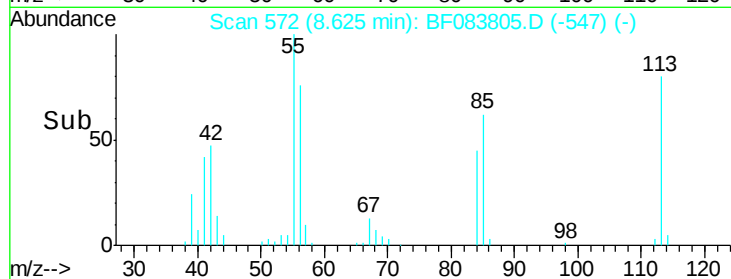
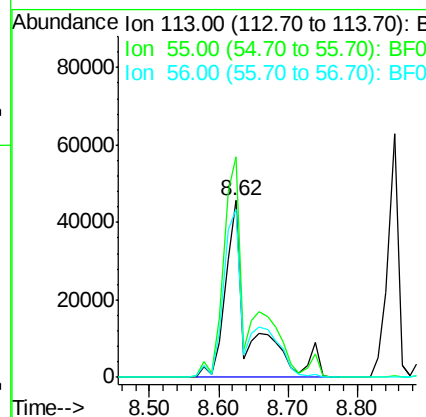
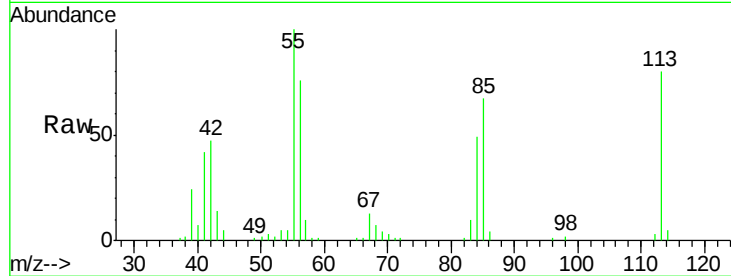
113 100

55 125.0 189.7 229.7#

56 95.2 130.7 170.7#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.14 ng/ml

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

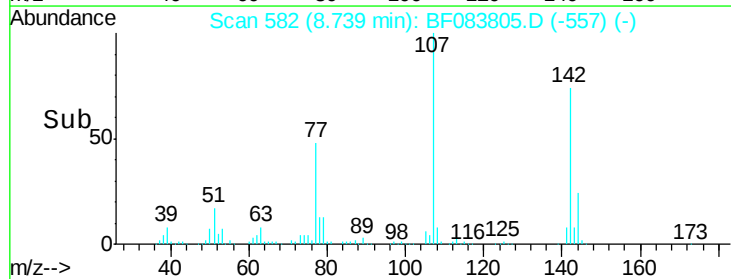
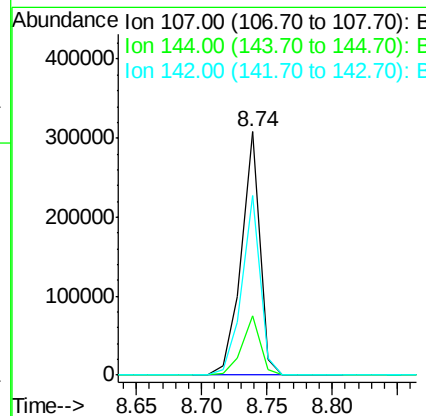
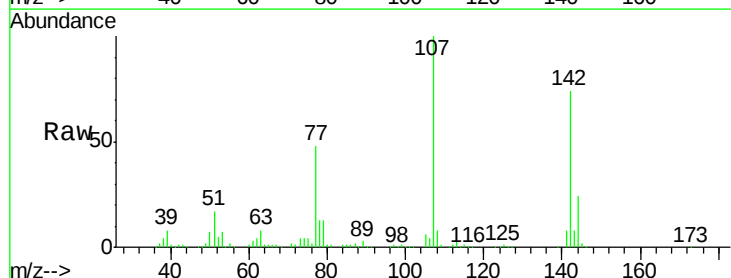
Tgt Ion:107 Resp: 302404

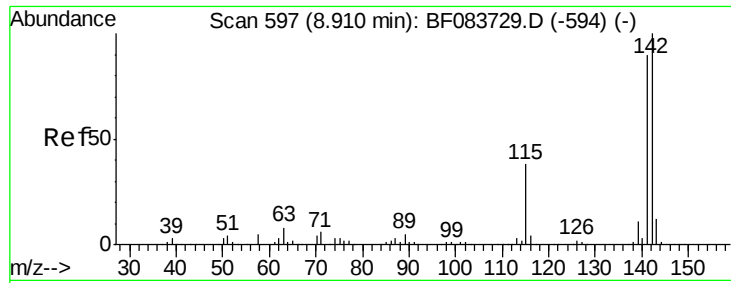
Ion Ratio Lower Upper

107 100

144 24.2 17.5 26.3

142 73.5 53.6 80.4





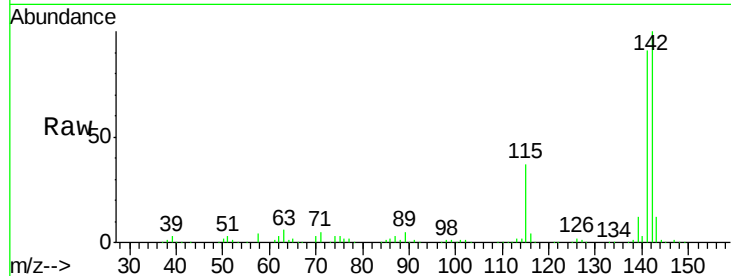
#37
 2-Methylnaphthalene
 Concen: 43.76 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	581810		
141	90.6	70.3	105.5	
115	37.5	29.2	43.8	

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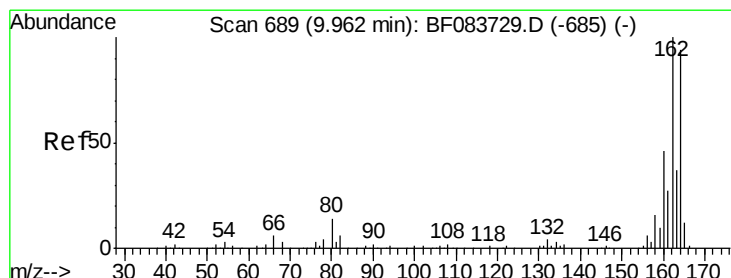
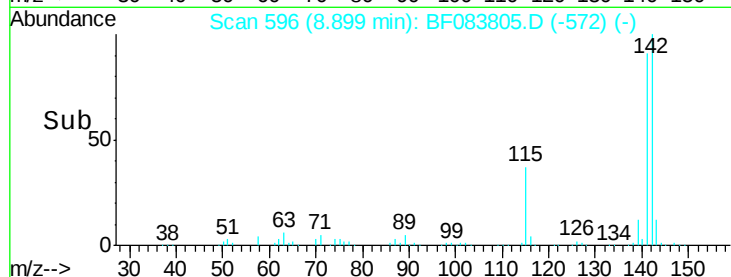
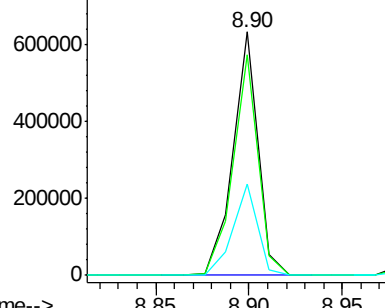


Abundance

Ion 142.00 (141.70 to 142.70): E

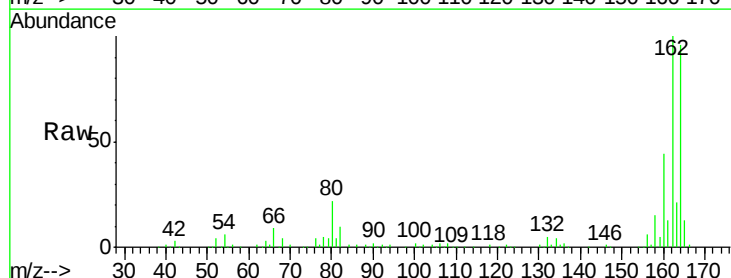
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	195860		
162	104.1	78.8	118.2	
160	45.3	33.4	50.2	

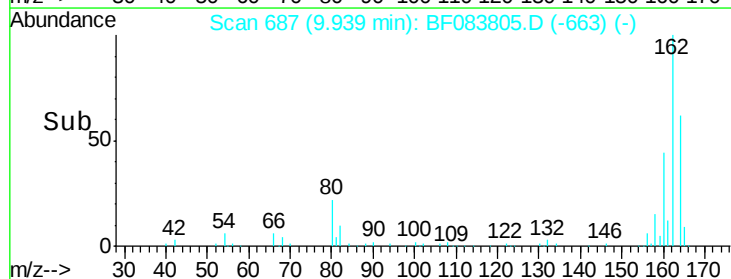
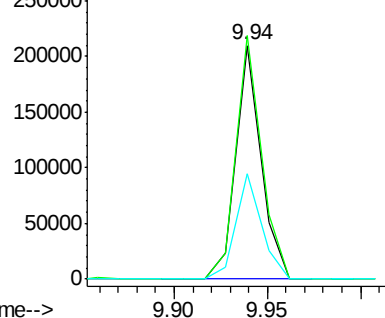


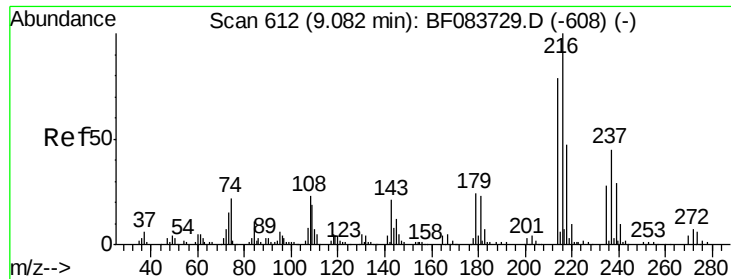
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.29 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

Tot Ion:216 Resp: 255896
Ion Ratio Lower Upper

216 100

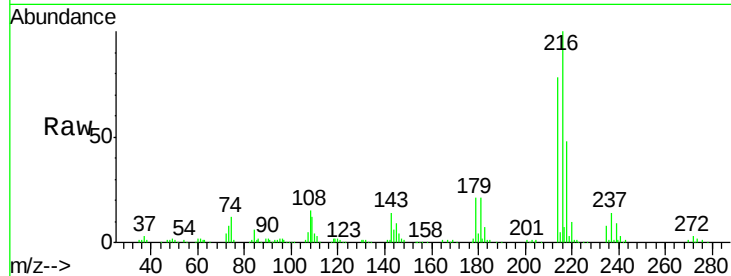
214 78.5 0.0 0.0#

179 22.0 0.0 0.0#

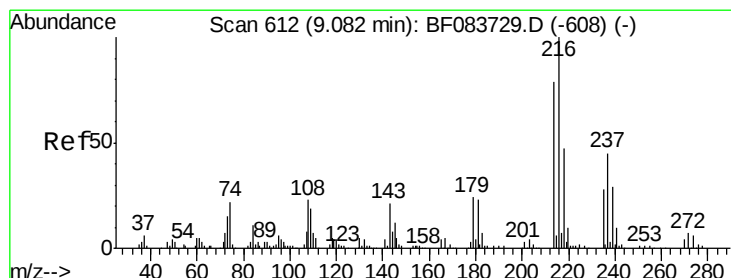
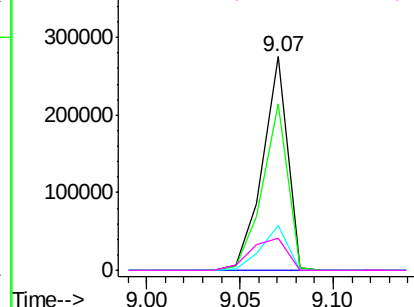
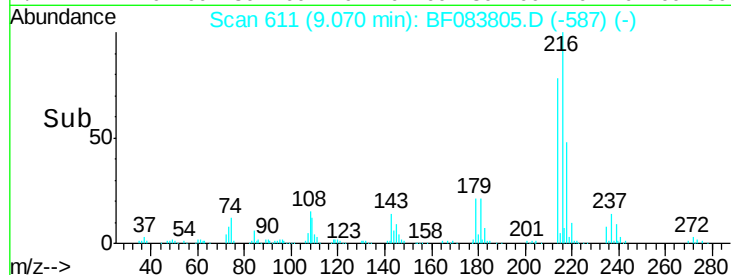
108 21.7 0.0 0.0#

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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: 91.10 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF083805.D

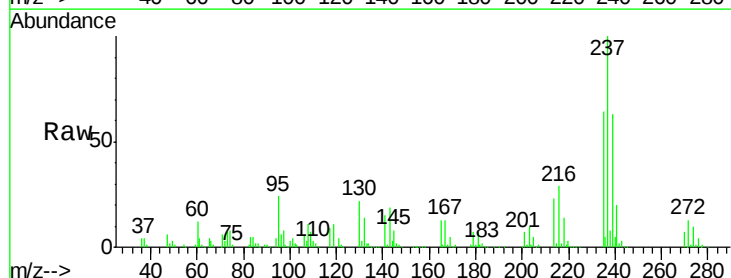
Acq: 15 Dec 2015 8:42

Tgt Ion:237 Resp: 266721
Ion Ratio Lower Upper

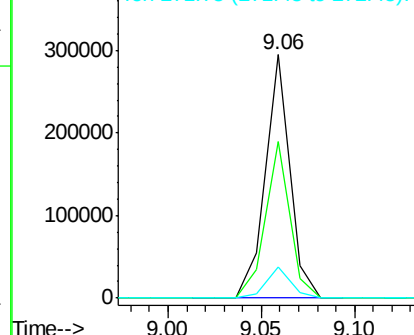
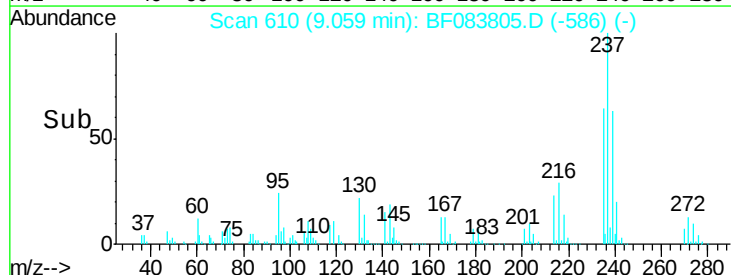
237 100

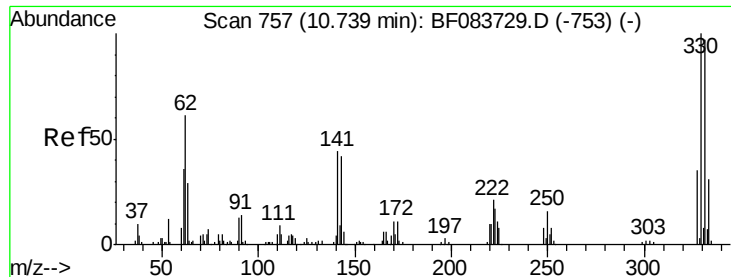
235 64.2 43.9 83.9

272 12.6 0.0 31.8



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





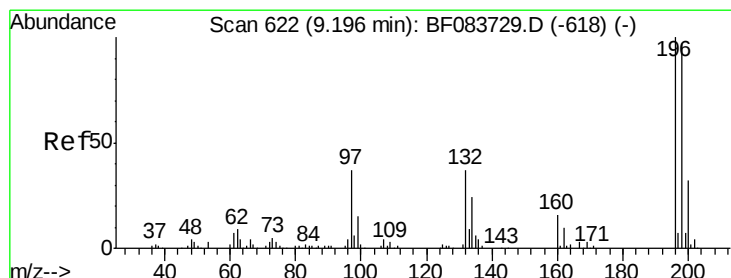
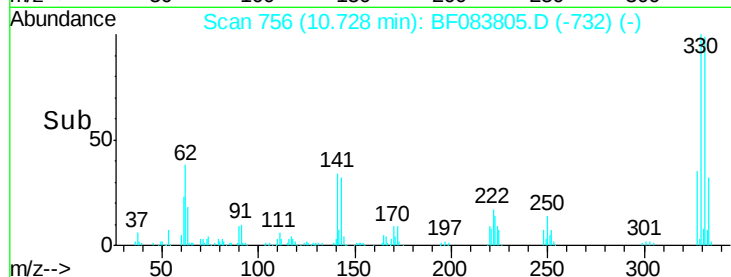
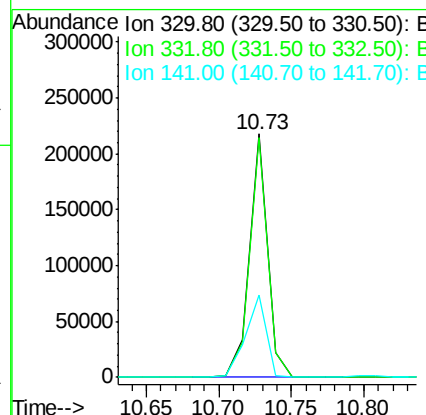
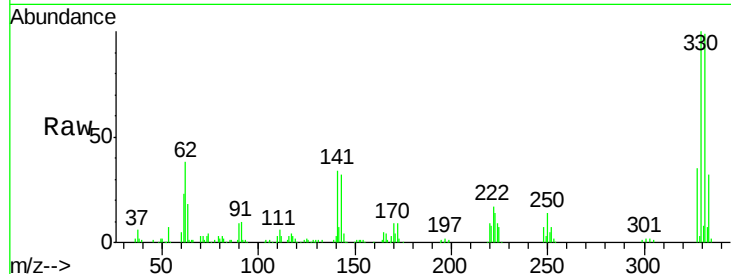
#41
 2,4,6-Tribromophenol
 Concen: 95.04 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	38.4	0.0	0.0#

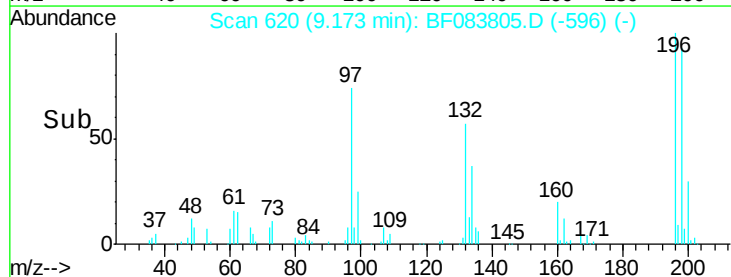
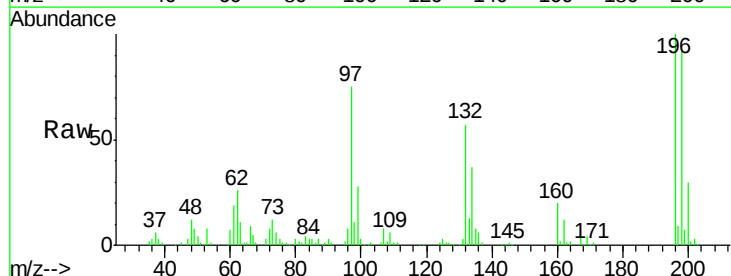
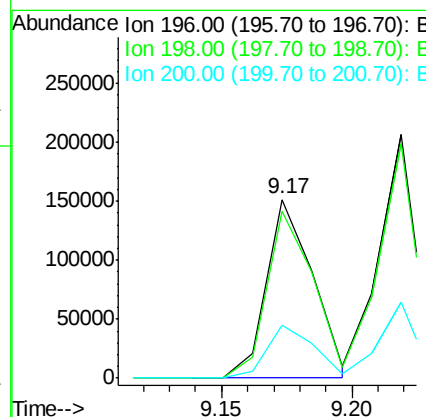
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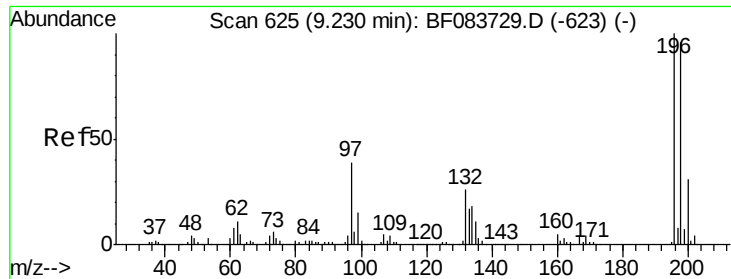
MMdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 44.41 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	93.2	75.2	112.8
200	29.6	23.0	34.6





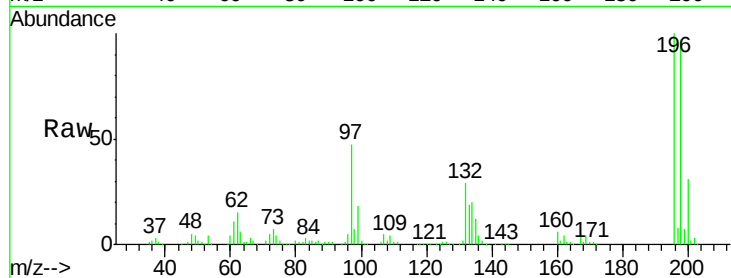
#43
 2,4,5-Trichlorophenol
 Concen: 49.30 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		197777		
198	96.6	77.7	116.5		
97	46.7	41.2	61.8		
132	29.0	21.8	32.8		

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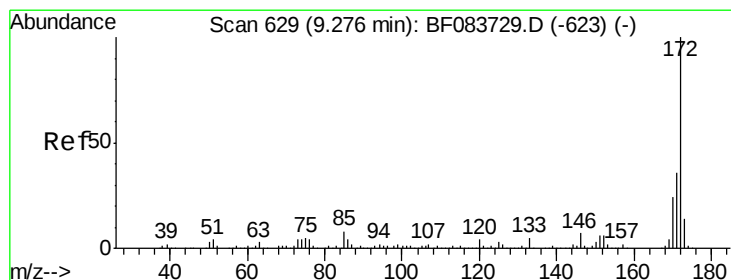
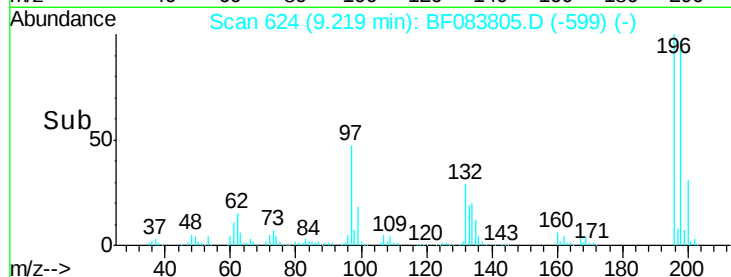
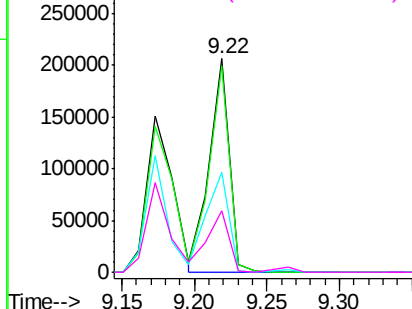
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.65 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

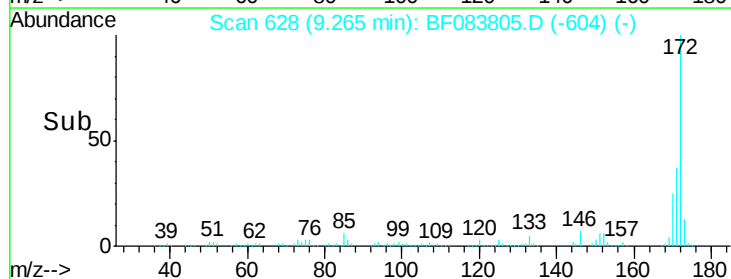
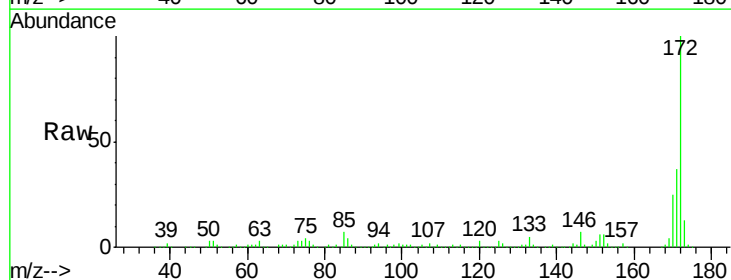
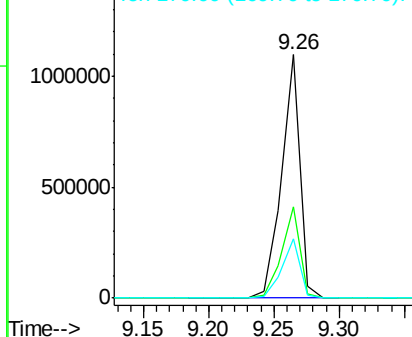
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1085388		
171	37.3	28.6	42.8		
170	24.5	19.4	29.0		

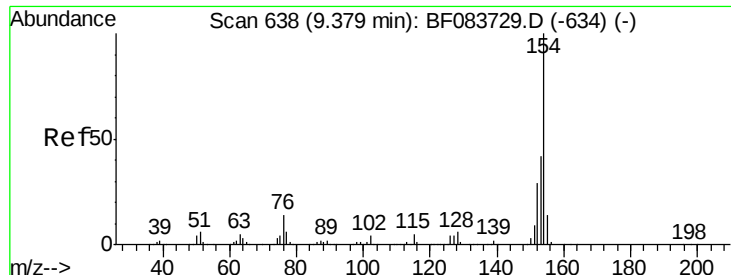
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.27 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

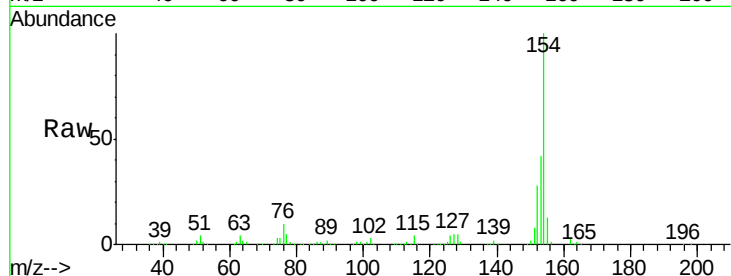
ClientSampleId :

PB87256BS

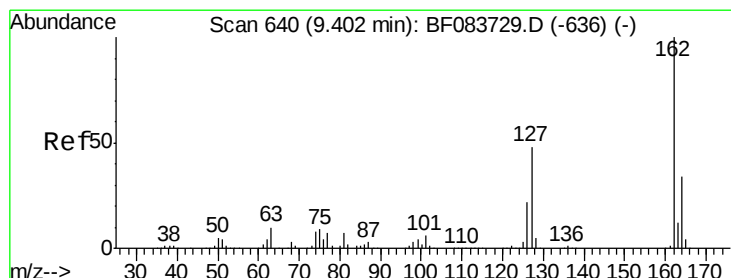
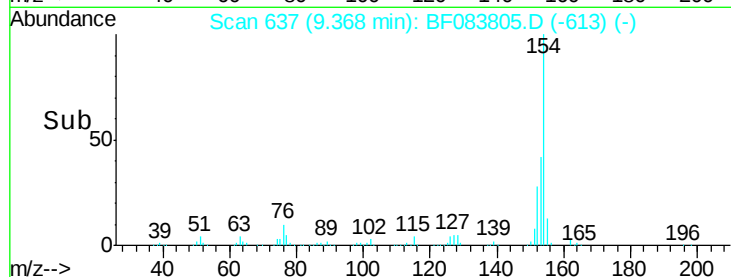
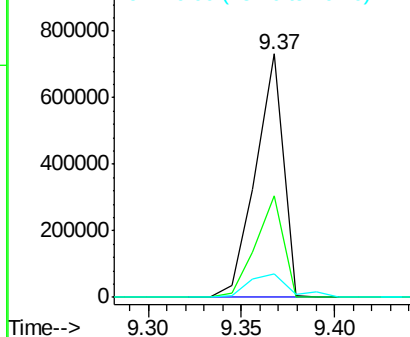
Tot Ion:	154	Resp:	751042
Ion Ratio	Lower	Upper	
154	100		
153	41.7	20.2	60.2
76	9.8	0.0	34.8

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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: 45.16 ng

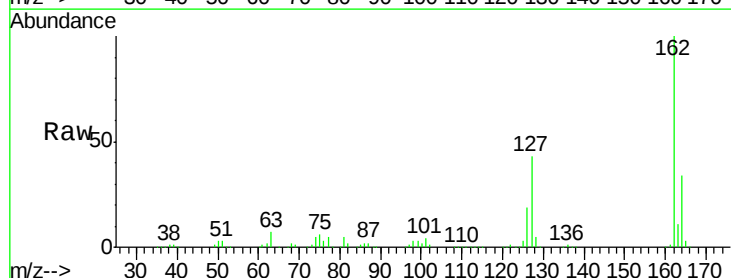
RT: 9.39 min Scan# 639

Delta R.T. -0.02 min

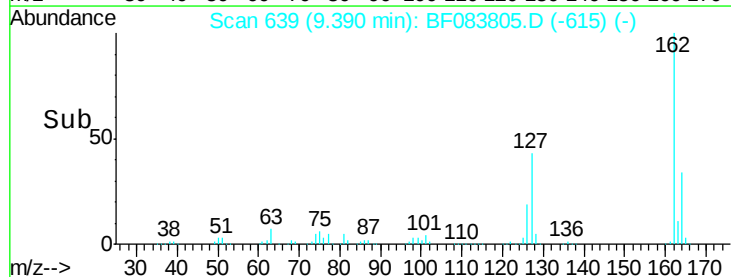
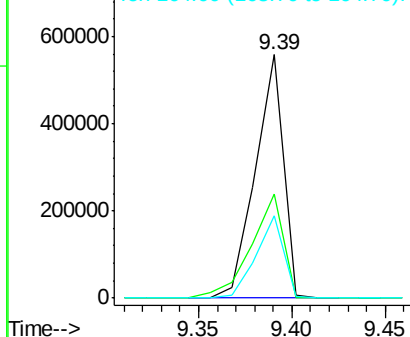
Lab File: BF083805.D

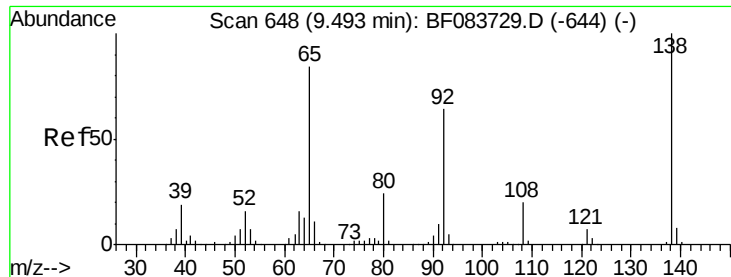
Acq: 15 Dec 2015 8:42

Tgt Ion:	162	Resp:	578648
Ion Ratio	Lower	Upper	
162	100		
127	42.9	31.0	46.4
164	33.6	27.4	41.0



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





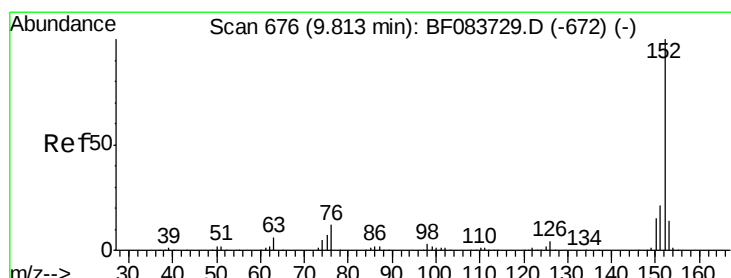
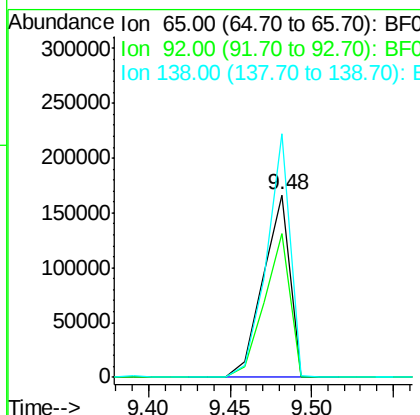
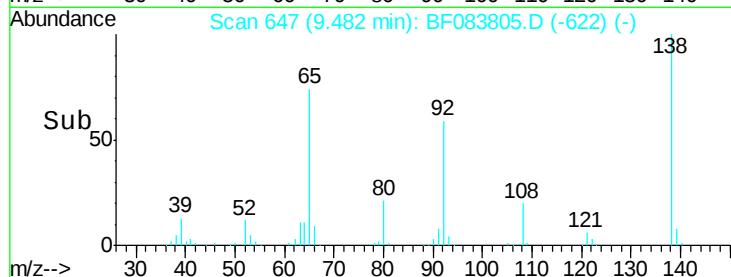
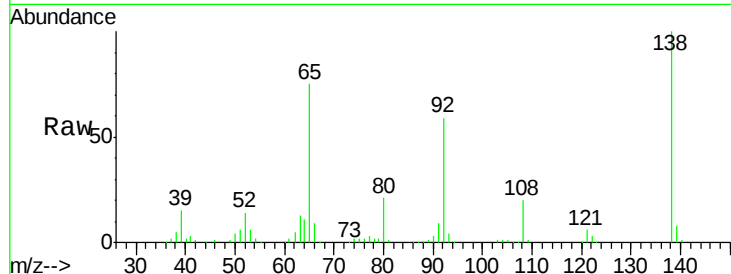
#47
 2-Nitroaniline
 Concen: 52.38 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion:	65	Resp:	190344
Ion Ratio	Lower	Upper	
65	100		
92	78.8	49.6	74.4#
138	133.6	64.1	96.1#

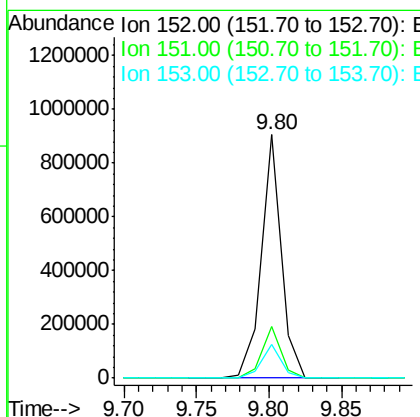
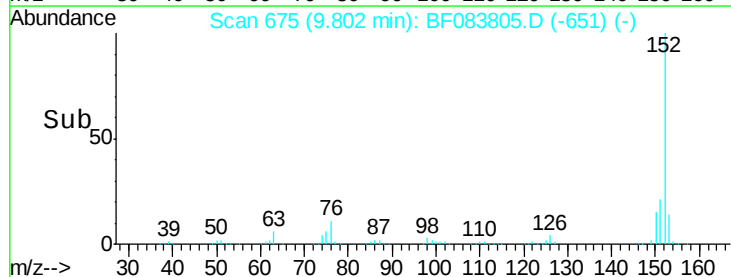
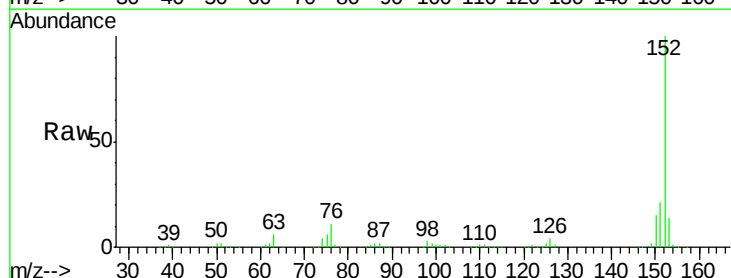
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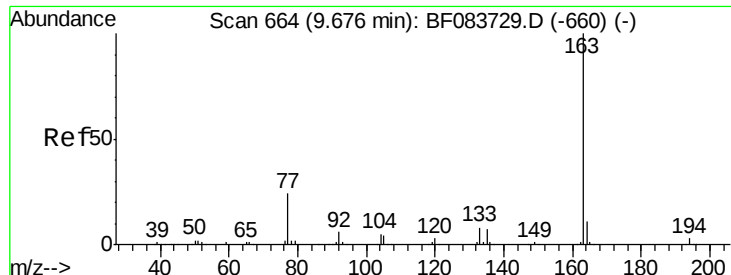
MMdadoda
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#48
 Acenaphthylene
 Concen: 40.15 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion:	152	Resp:	865602
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.3	24.5
153	13.8	10.8	16.2





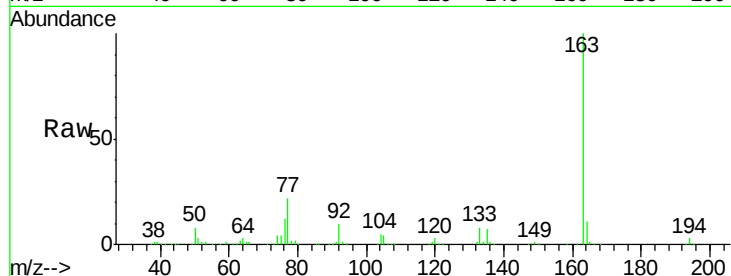
#49
Dimethylphthalate
Concen: 43.54 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

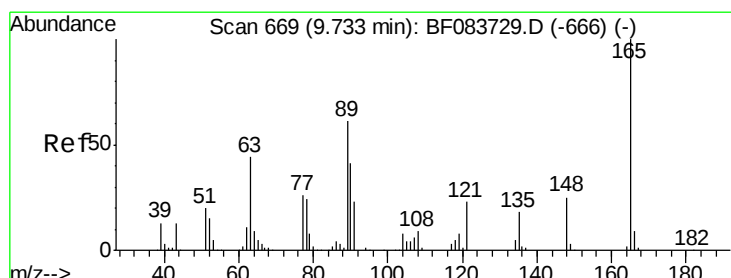
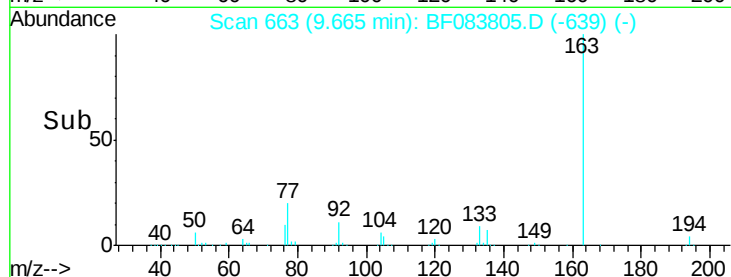
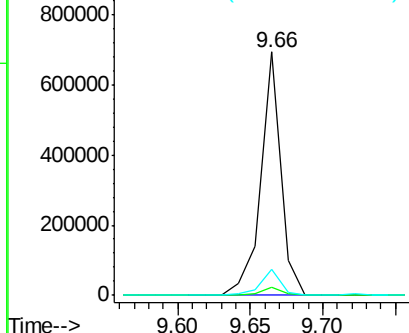
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.8	4.2
164	10.7	8.6	13.0

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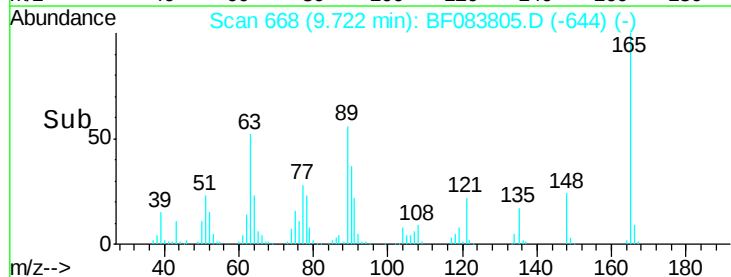
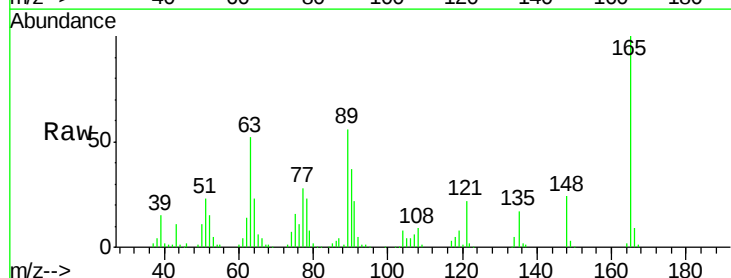
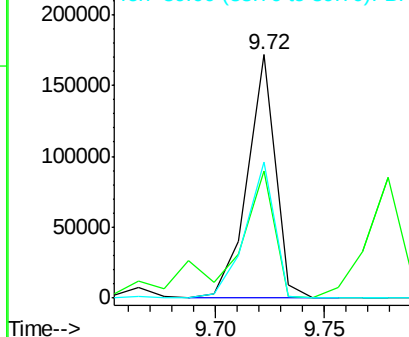
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

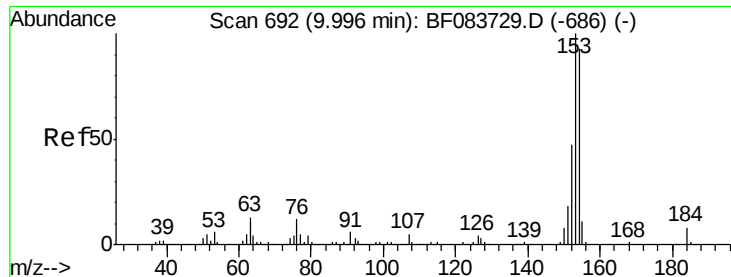


#50
2,6-Dinitrotoluene
Concen: 47.35 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.4	56.9	85.3#
89	56.1	52.1	78.1

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





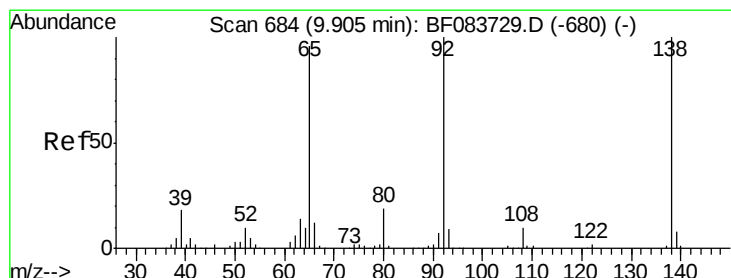
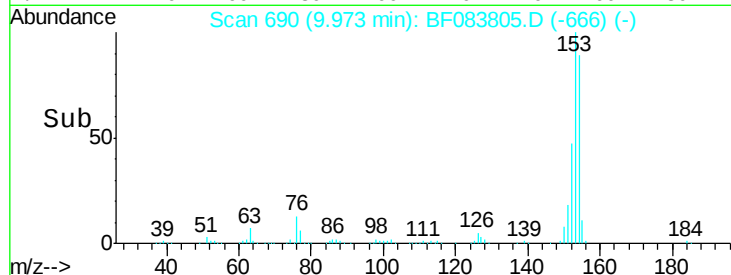
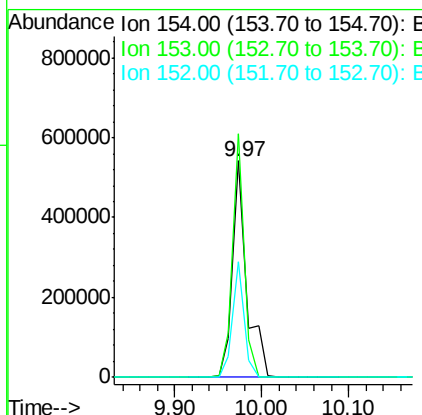
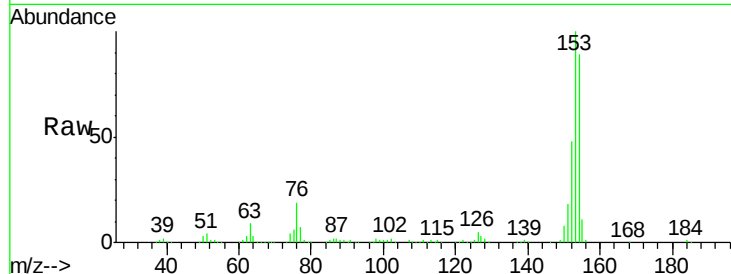
#51
Acenaphthene
Concen: 47.37 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.4	137.0
152	53.6	43.4	65.2

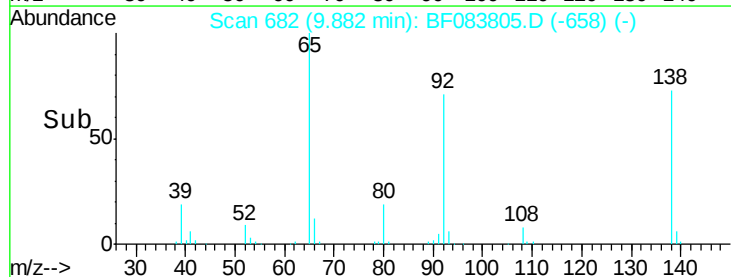
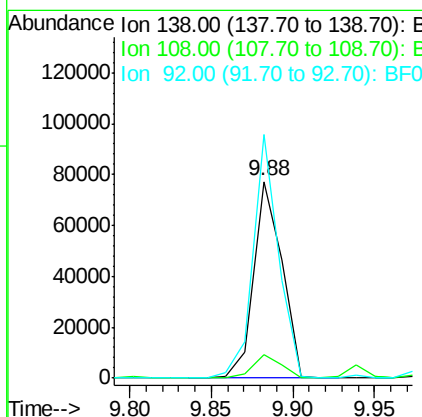
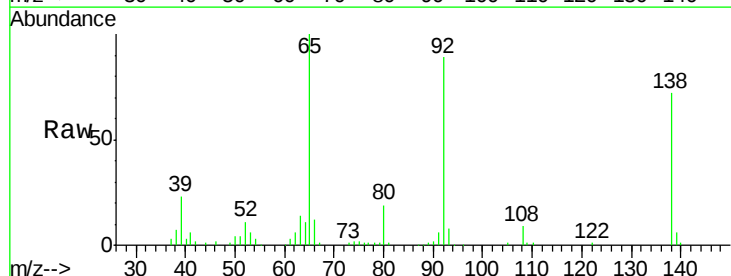
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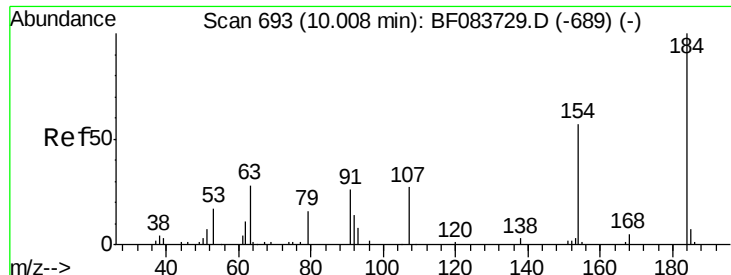
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#52
3-Nitroaniline
Concen: 24.89 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.9	14.9
92	123.8	113.8	170.8





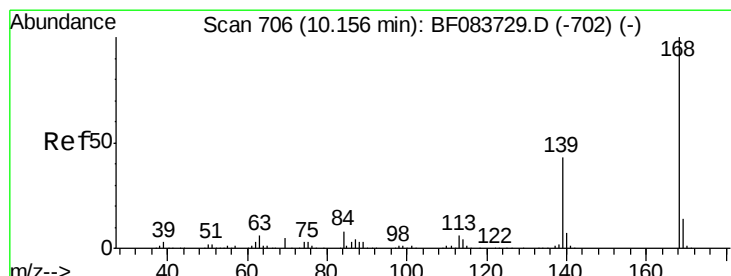
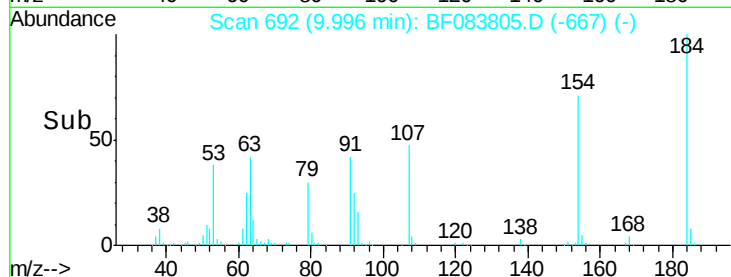
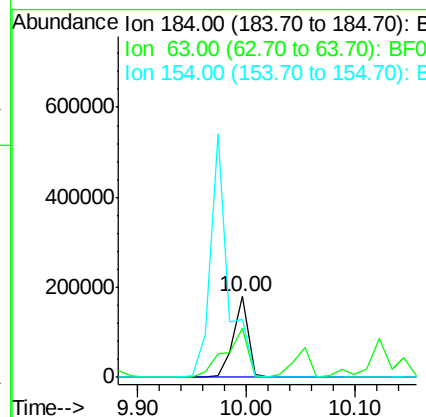
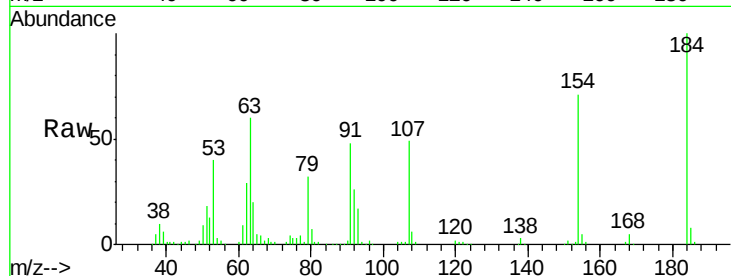
#53
2,4-Dinitrophenol
Concen: 91.59 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	171681		
63	59.9	62.4	93.6#	
154	71.1	46.6	69.8#	

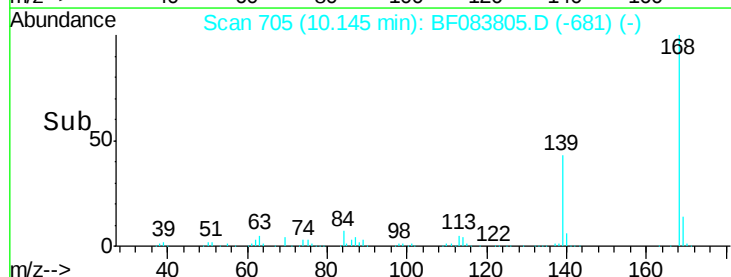
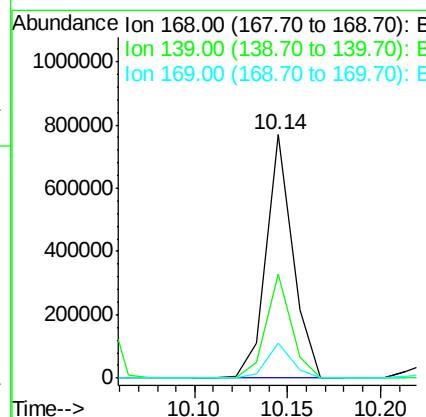
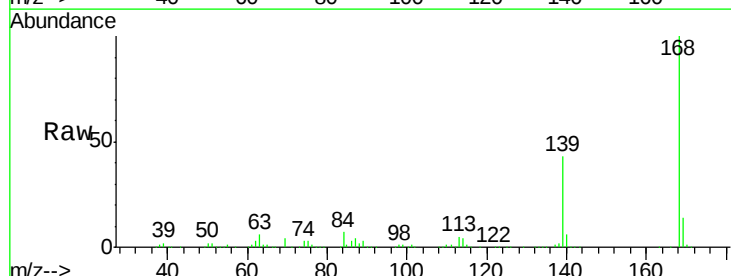
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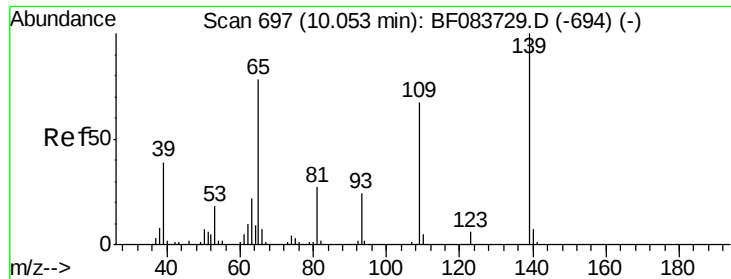
MMdadoda
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#54
Dibenzofuran
Concen: 43.71 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	754732		
139	42.9	28.0	42.0#	
169	14.1	10.8	16.2	





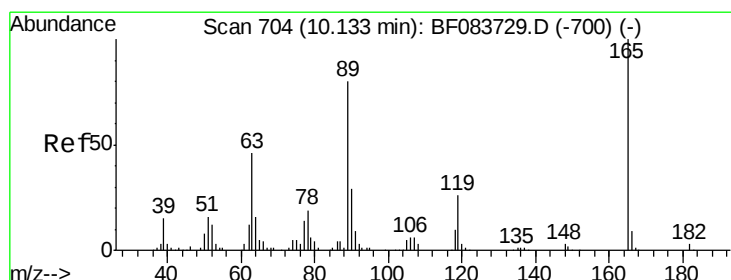
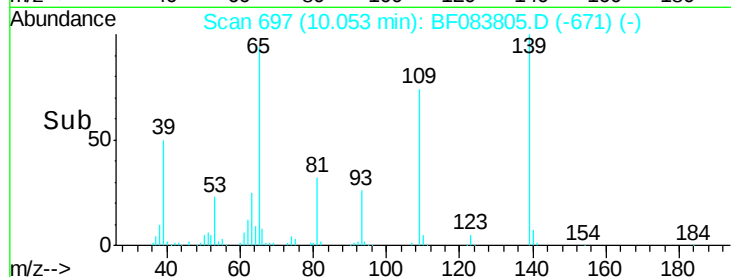
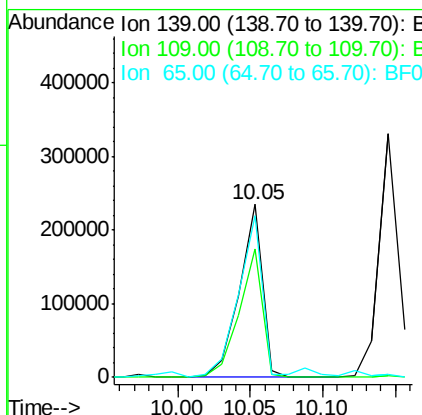
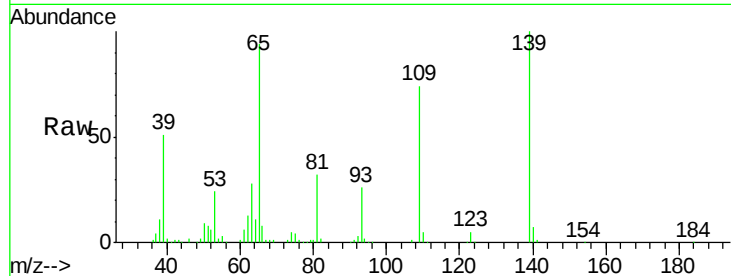
#55
4-Nitrophenol
Concen: 95.00 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	262838		
109	74.2	42.0	82.0	
65	93.9	89.2	129.2	

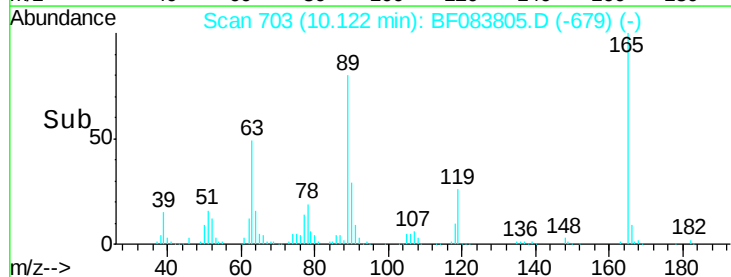
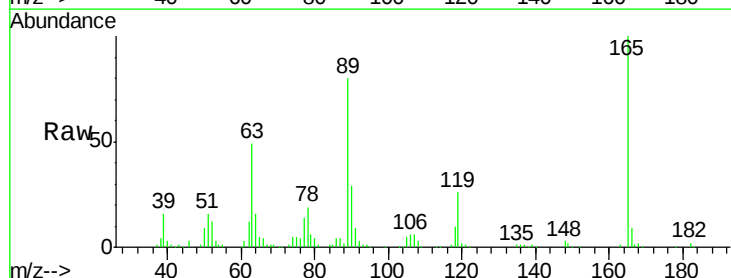
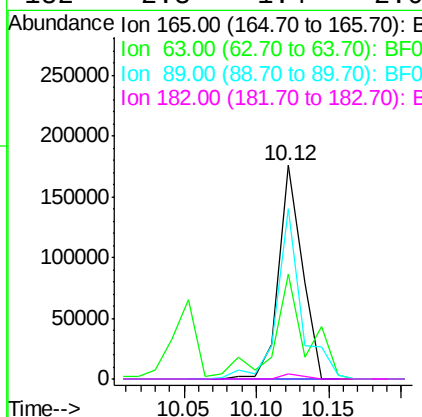
Manual Integrations
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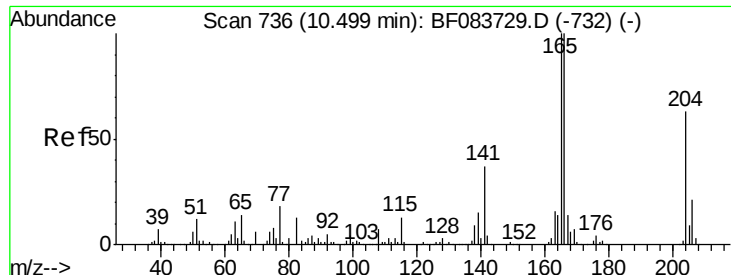
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 46.72 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197798		
63	49.0	51.4	77.2#	
89	80.0	72.6	108.8	
182	2.3	1.4	2.0#	





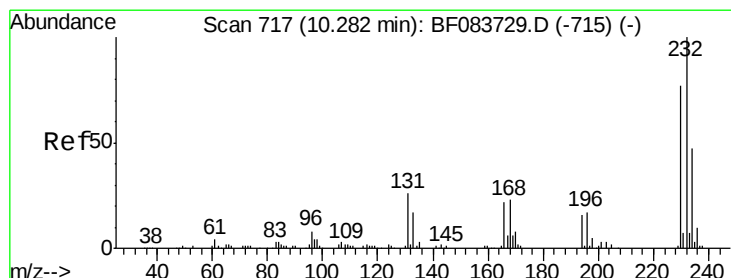
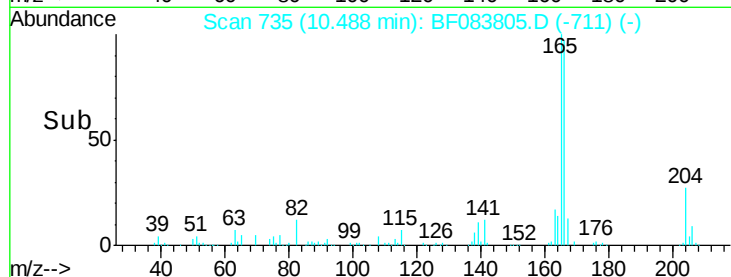
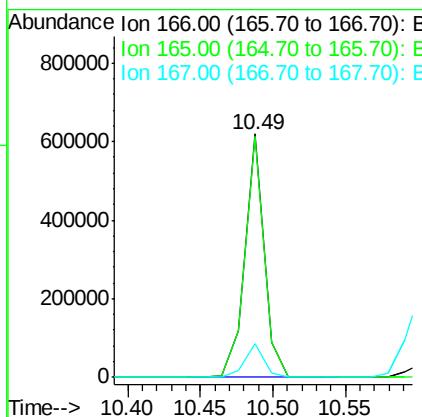
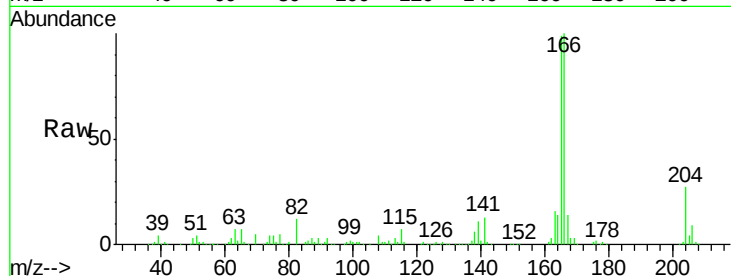
#57
Fluorene
 Concen: 42.02 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	571355		
165	99.2	80.0	120.0	
167	14.0	10.6	16.0	

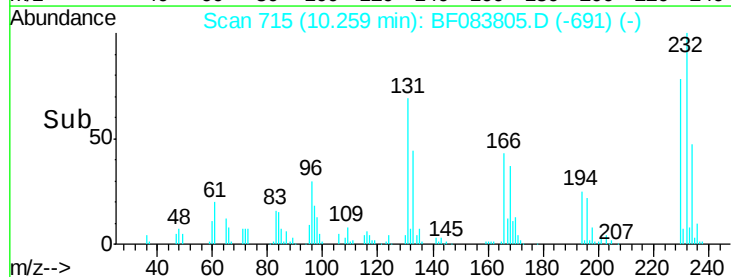
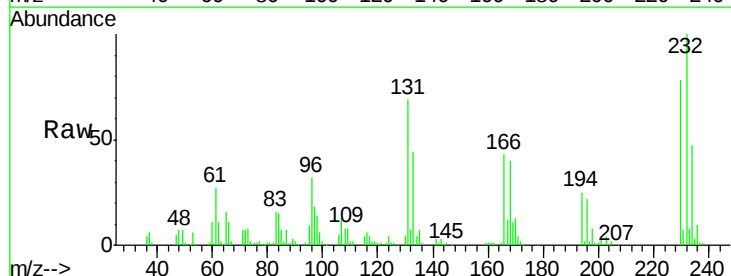
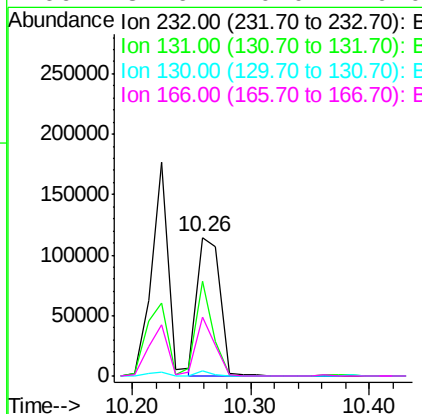
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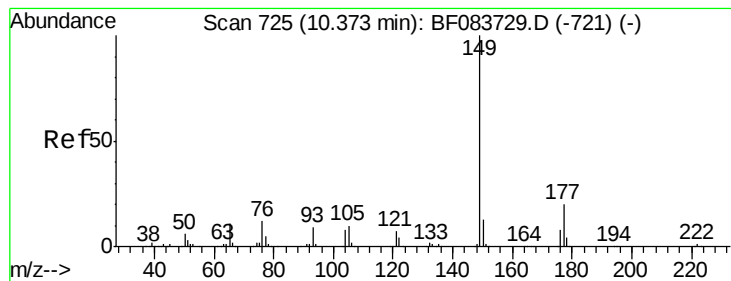
MMdadoda
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.48 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	154908		
131	50.8	0.0	0.0#	
130	2.4	0.0	0.0#	
166	34.6	0.0	0.0#	





#59

Diethylphthalate

Concen: 43.42 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

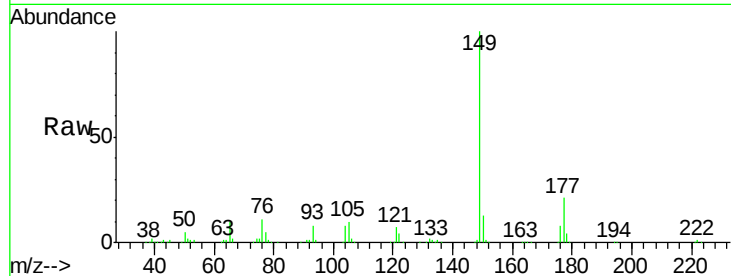
ClientSampleId :

PB87256BS

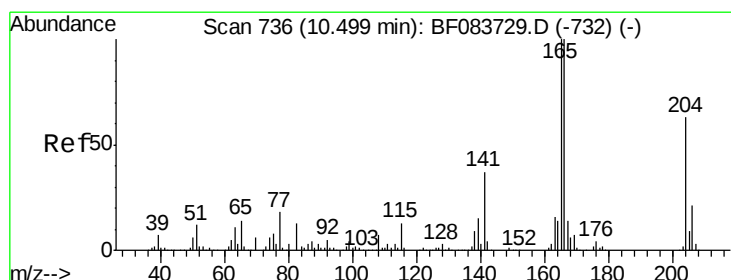
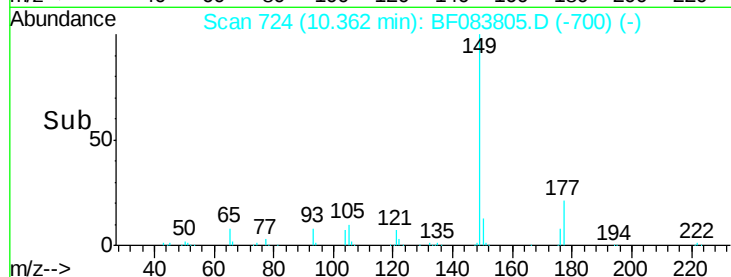
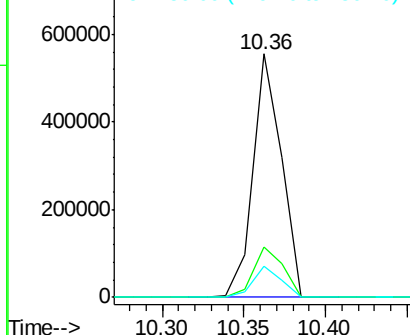
Tot Ion:	149	Resp:	671267
Ion Ratio		Lower	Upper
149	100		
177	20.5	16.9	25.3
150	12.9	10.2	15.4

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



#60

4-Chlorophenyl-phenylether

Concen: 42.33 ng

RT: 10.48 min Scan# 734

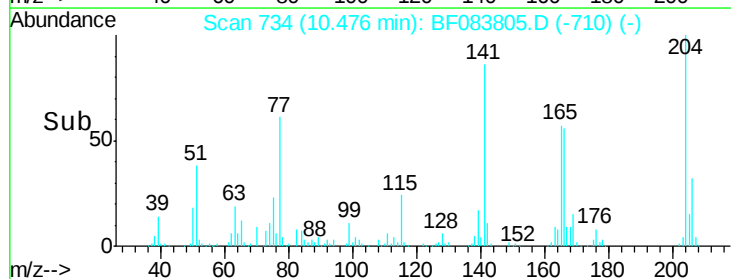
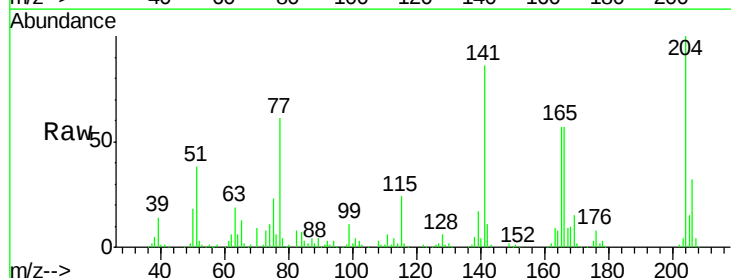
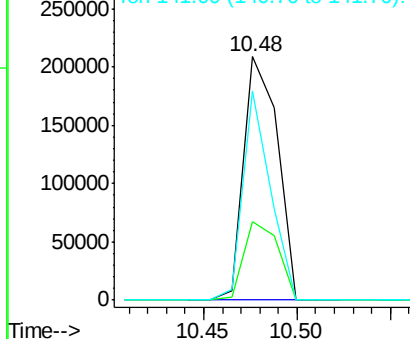
Delta R.T. -0.02 min

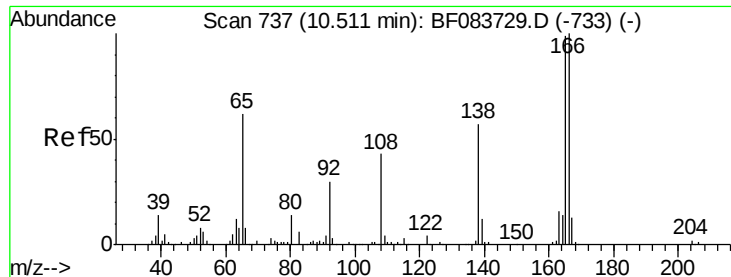
Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion:	204	Resp:	262493
Ion Ratio		Lower	Upper
204	100		
206	32.5	27.3	40.9
141	85.8	51.9	77.9#

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





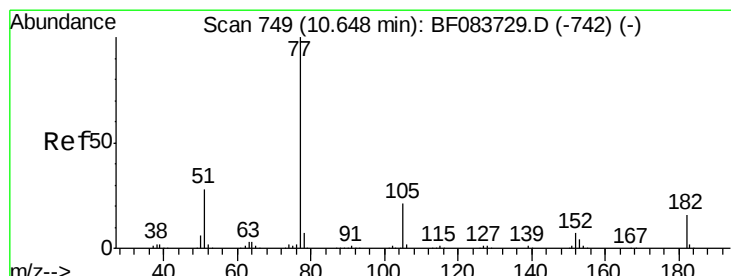
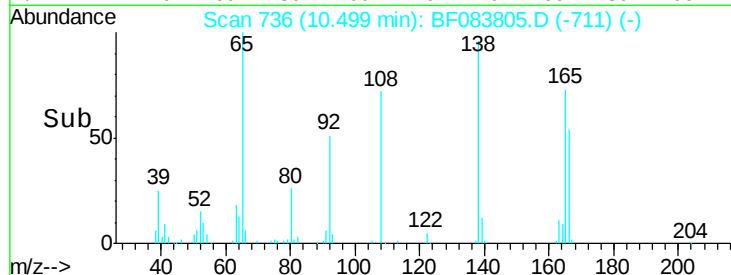
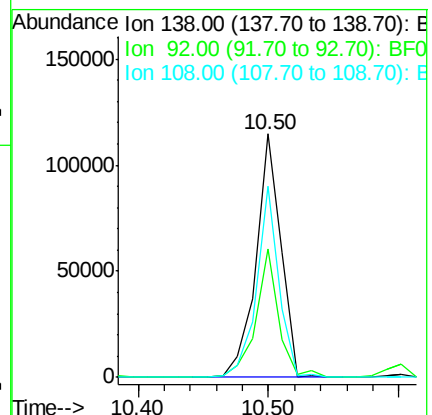
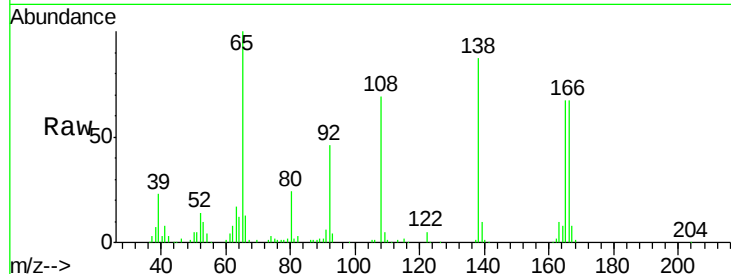
#61
4-Nitroaniline
Concen: 46.23 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	152243		
92	52.9	29.0	69.0	
108	78.8	47.4	87.4	

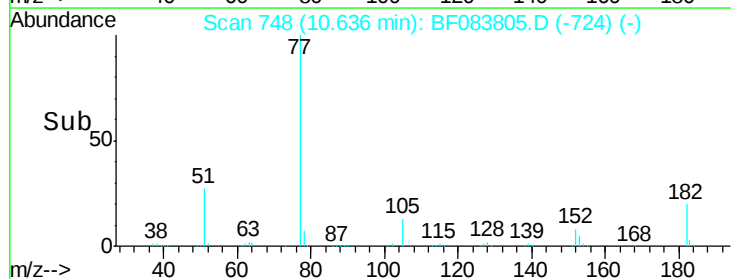
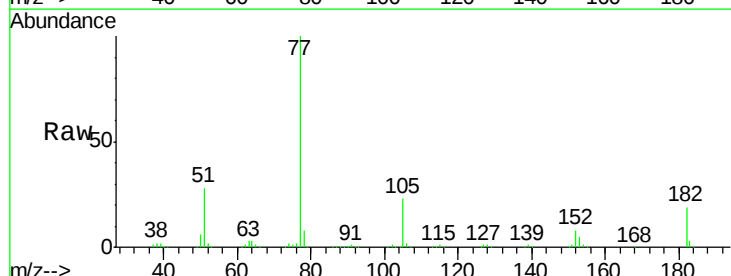
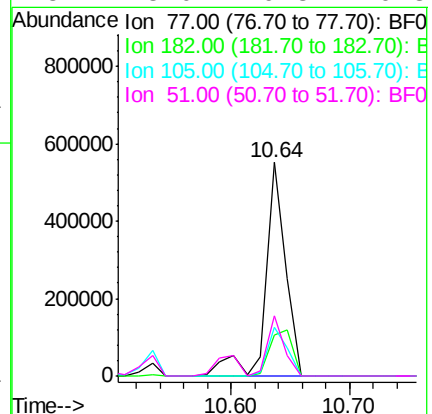
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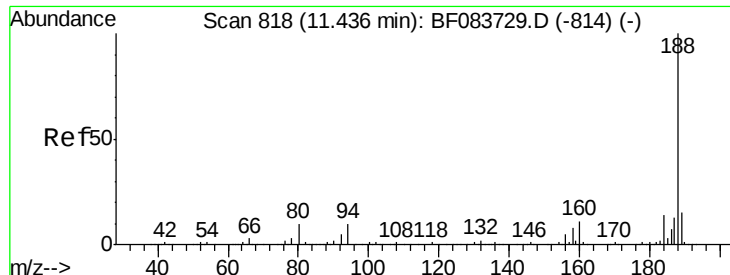
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#62
Azobenzene
Concen: 46.31 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	652606		
182	18.9	2.5	42.5	
105	23.0	2.1	42.1	
51	28.0	9.3	49.3	





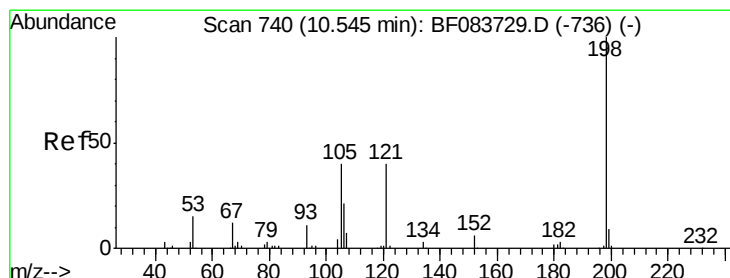
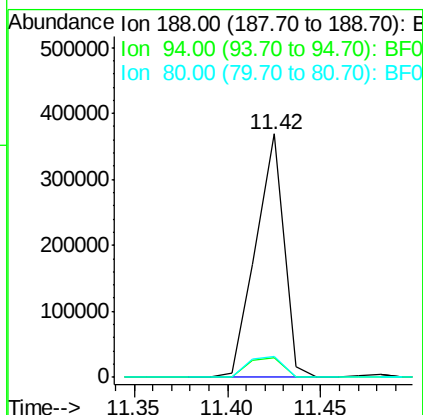
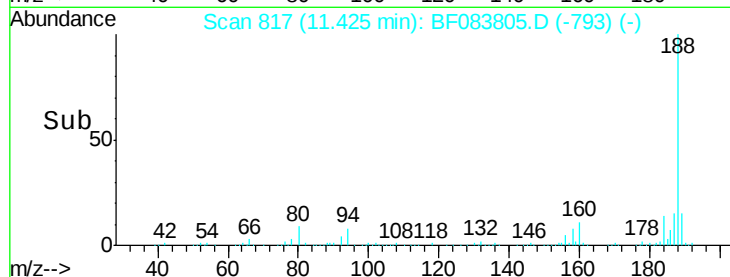
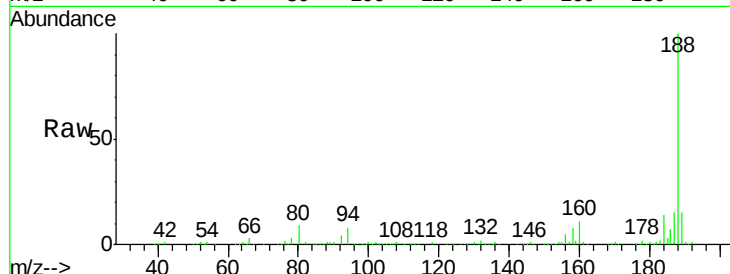
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.4	14.2#
80	8.6	10.6	16.0#

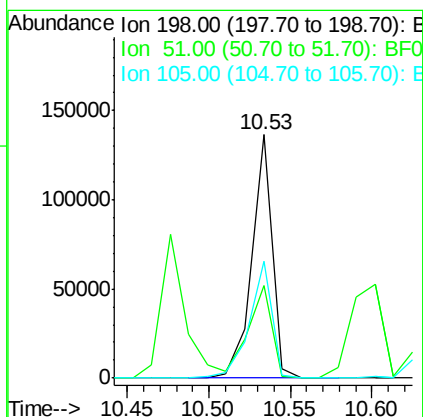
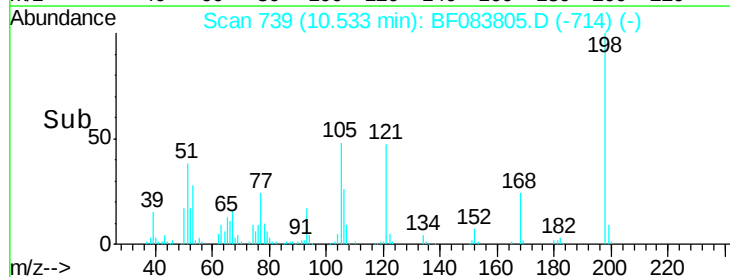
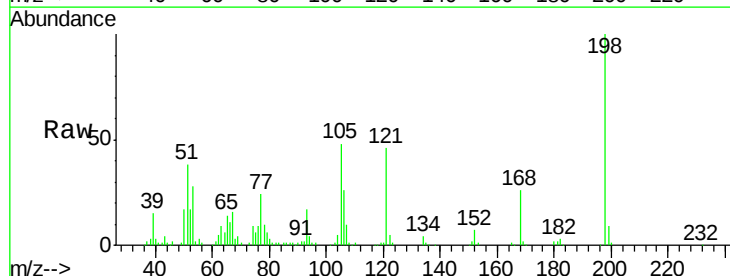
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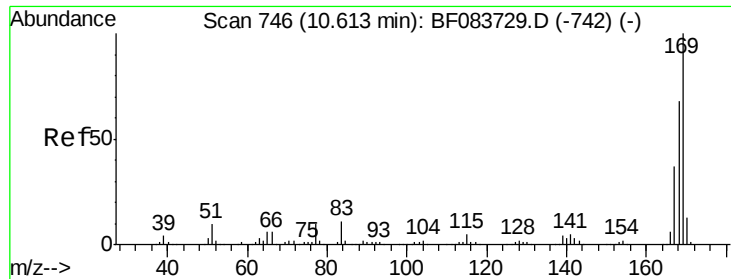
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 53.78 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	37.9	53.8	93.8#
105	48.0	38.6	78.6





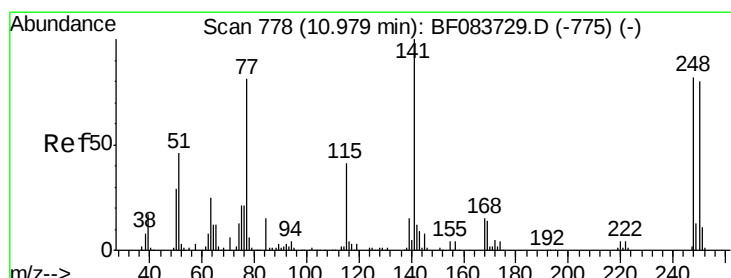
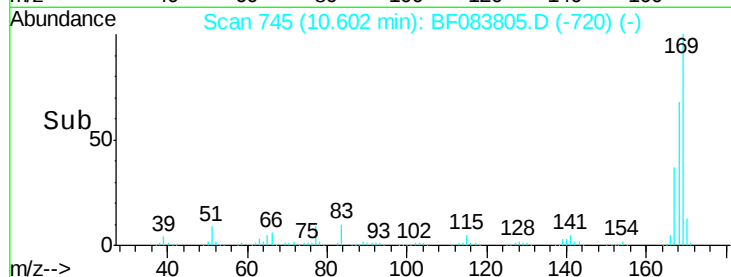
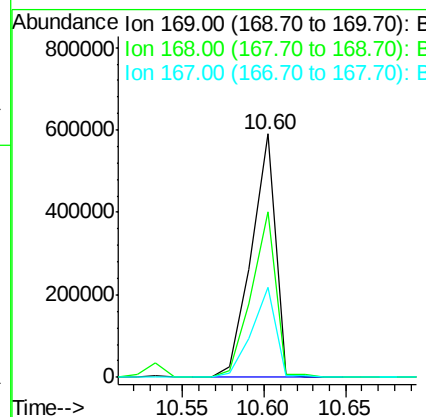
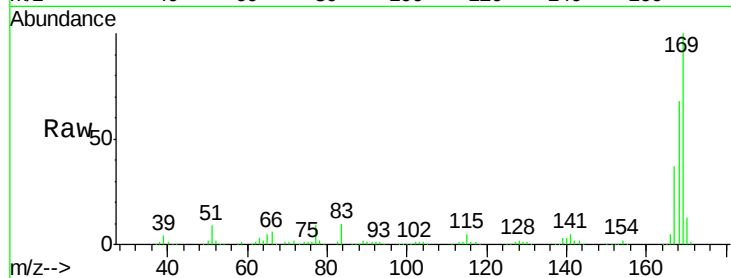
#65
 n-Nitrosodiphenylamine
 Concen: 46.12 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	608046		
168	68.0	53.0	79.6	
167	37.2	29.3	43.9	

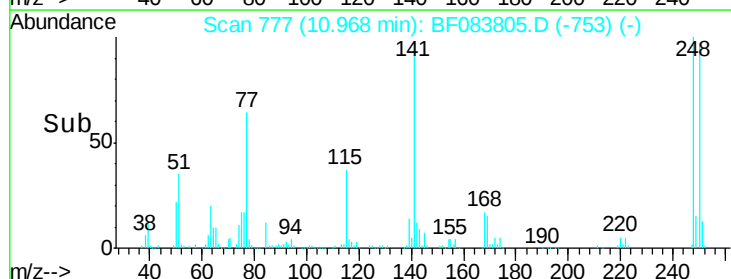
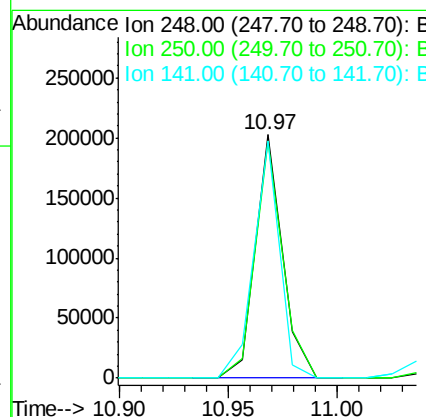
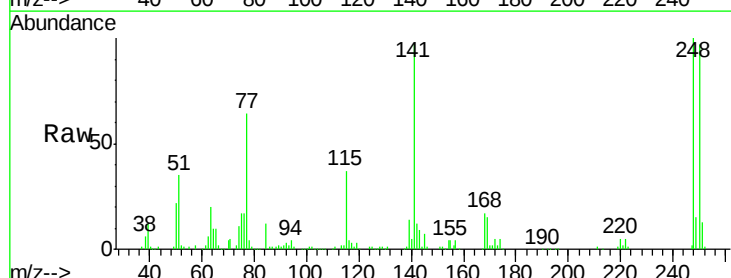
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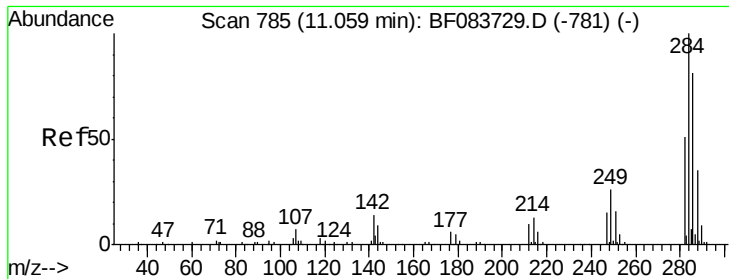
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#66
 4-Bromophenyl-phenylether
 Concen: 40.94 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	176468		
250	97.2	79.2	118.8	
141	97.4	58.2	87.4#	





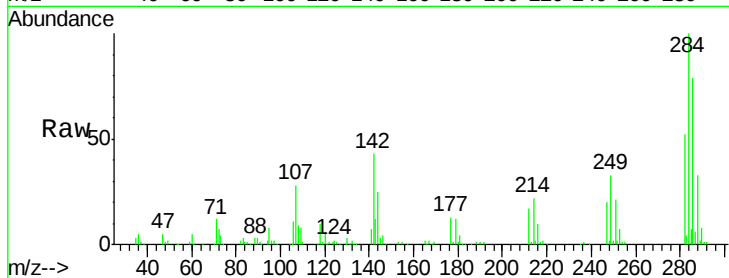
#67
Hexachlorobenzene
Concen: 41.73 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

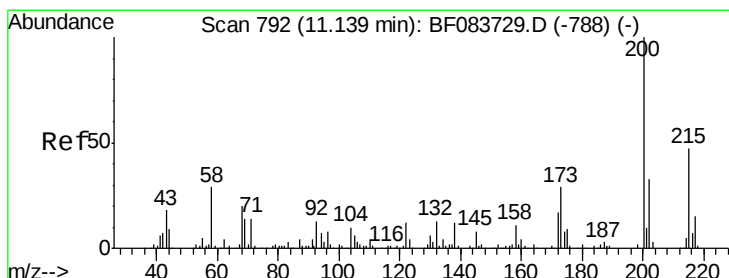
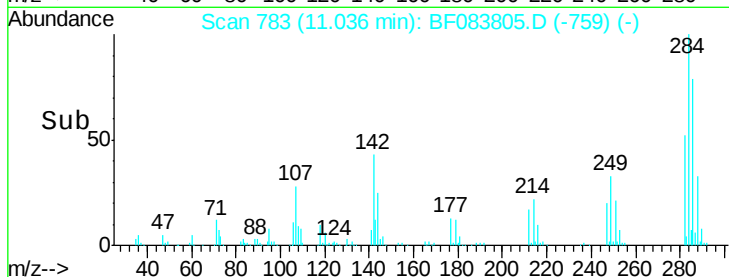
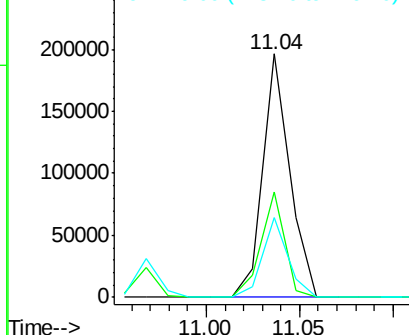
Tot Ion	Ratio	Resp	Lower	Upper
284	100	194633		
142	43.3	31.0	46.4	
249	33.0	26.9	40.3	

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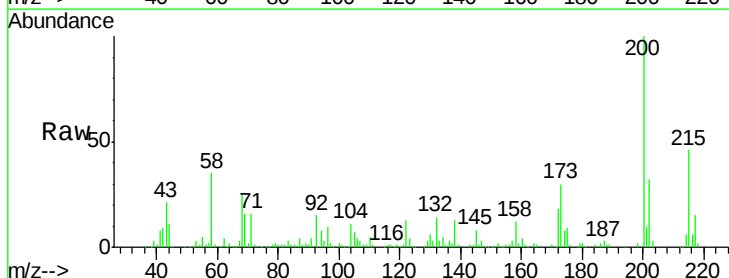


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

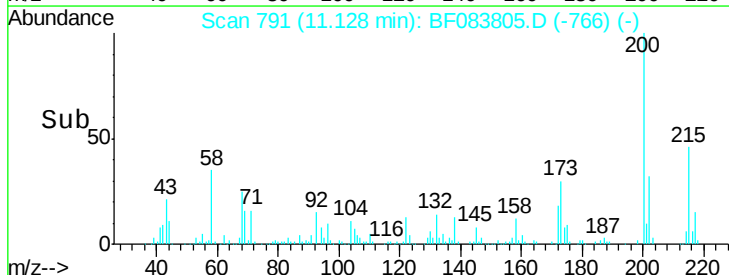
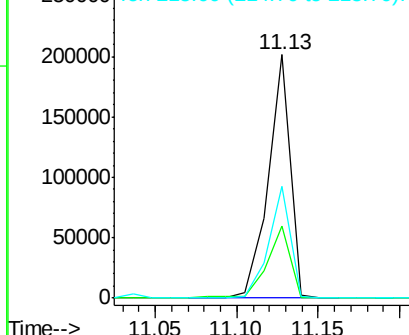


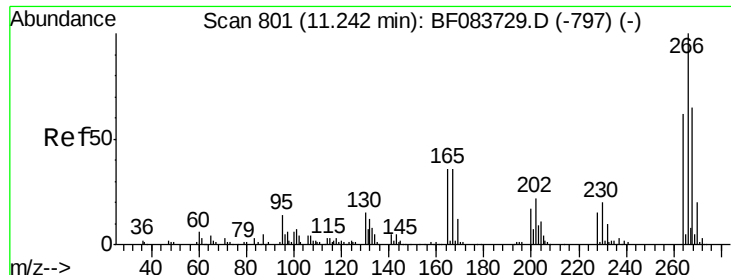
#68
Atrazine
Concen: 50.20 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	188319		
173	29.8	7.8	47.8	
215	46.0	25.7	65.7	



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





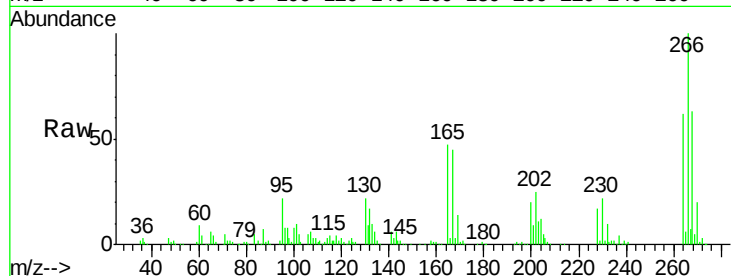
#69
 Pentachlorophenol
 Concen: 90.32 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

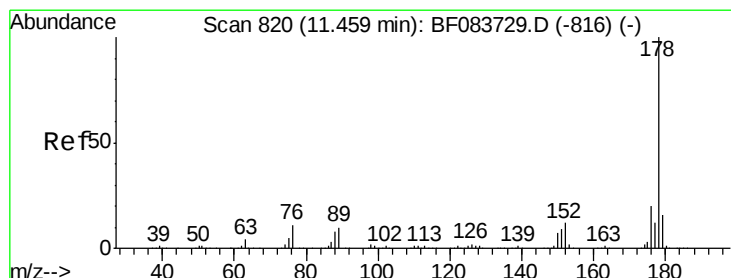
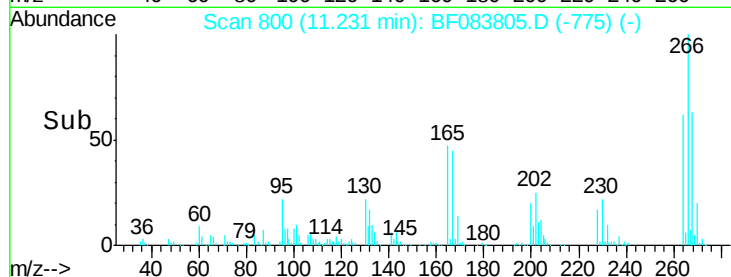
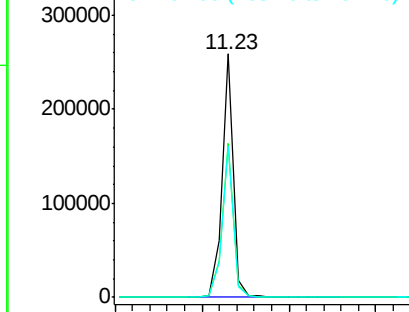
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.2	75.2
264	62.1	51.4	77.2

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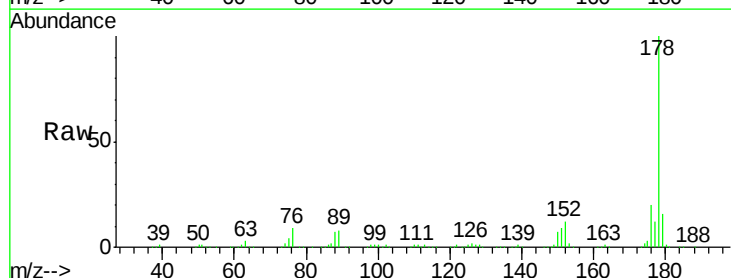


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

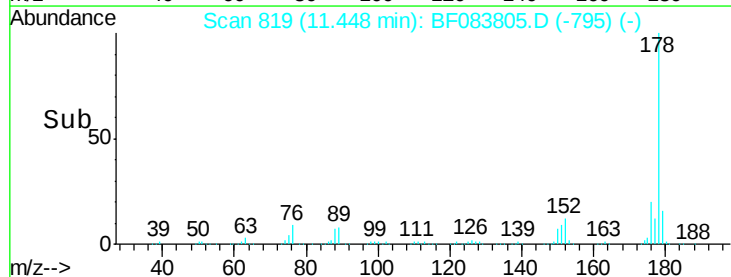
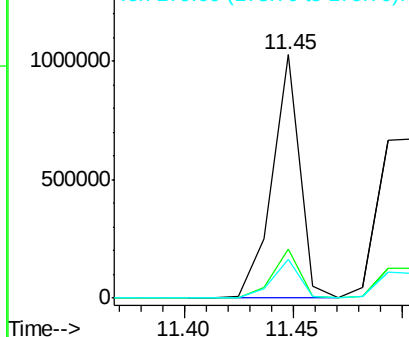


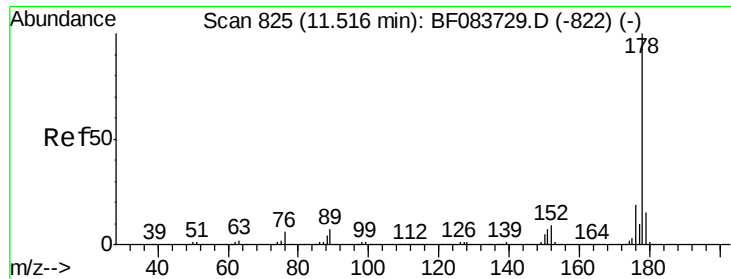
#70
 Phenanthrene
 Concen: 44.81 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.9	12.2	18.4



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





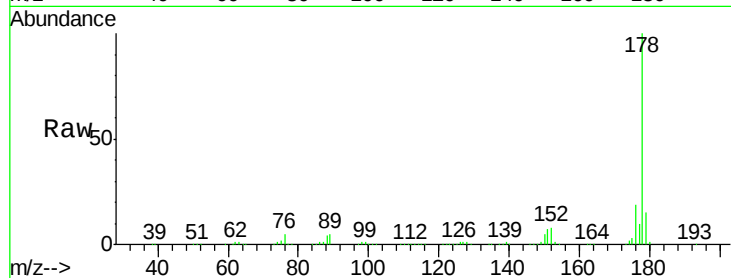
#71
 Anthracene
 Concen: 44.72 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

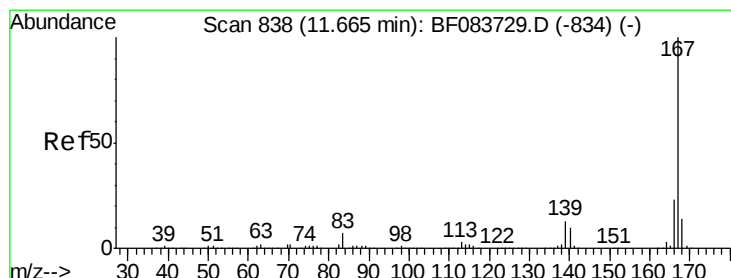
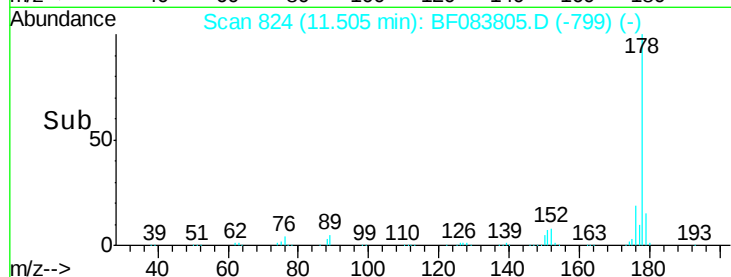
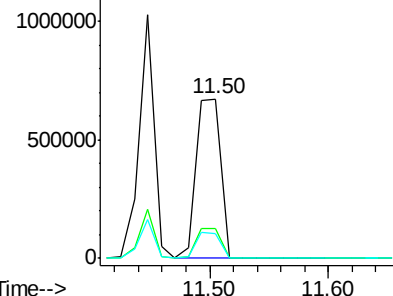
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.1	12.6	18.8

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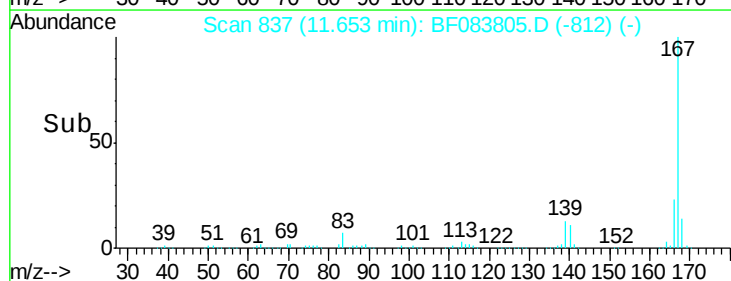
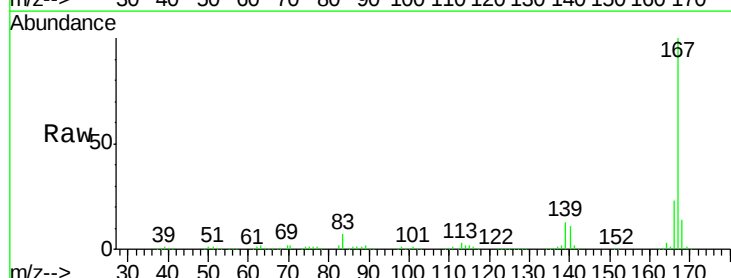
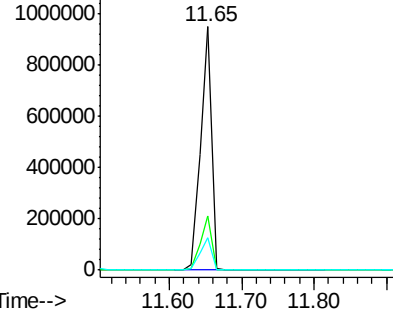
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

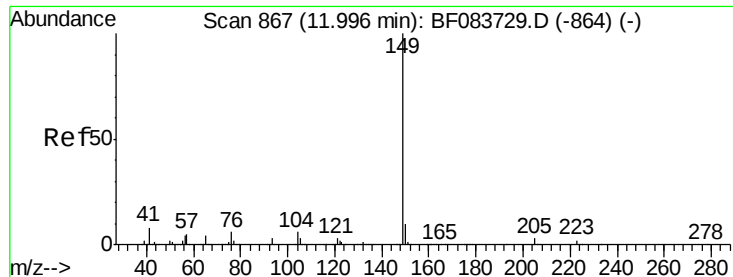


#72
 Carbazole
 Concen: 49.76 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.2	25.8
139	13.4	9.3	13.9

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: 42.00 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

Tot Ion:149 Resp: 1010674

Ion Ratio Lower Upper

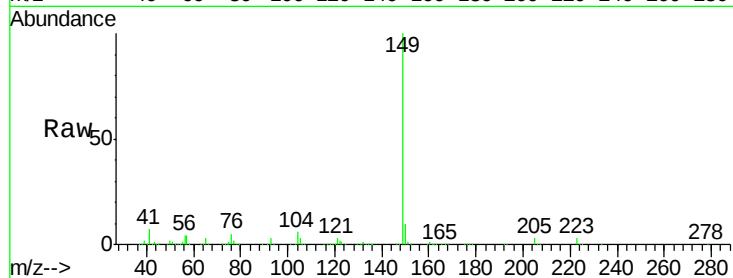
149 100

150 9.9 7.8 11.6

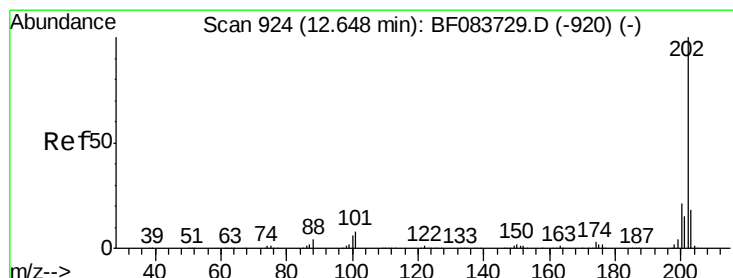
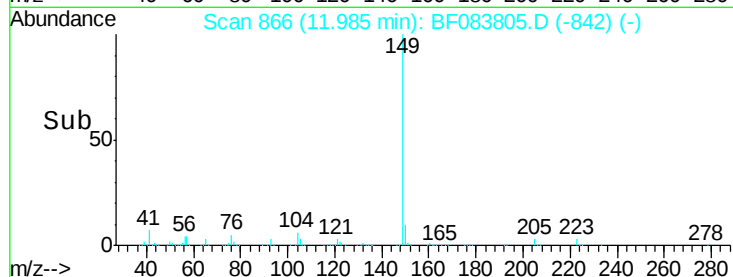
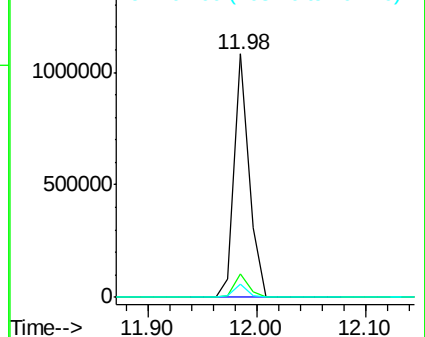
104 5.6 3.9 5.9

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



#74

Fluoranthene

Concen: 50.32 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

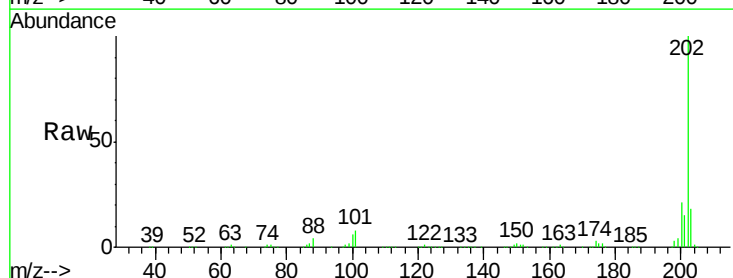
Tgt Ion:202 Resp: 1064709

Ion Ratio Lower Upper

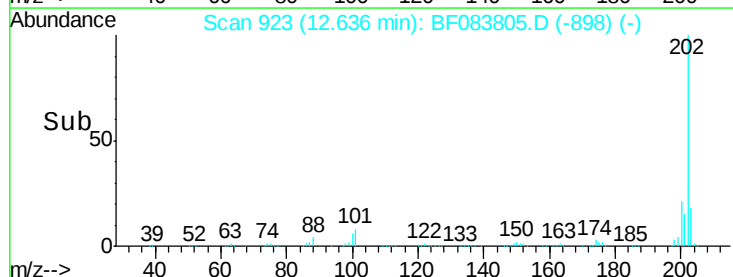
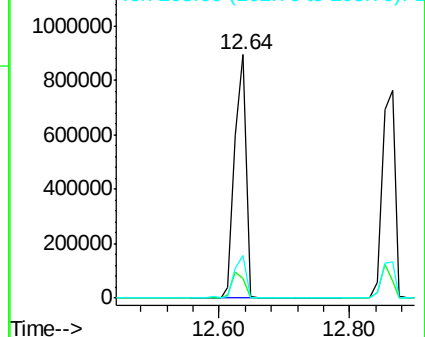
202 100

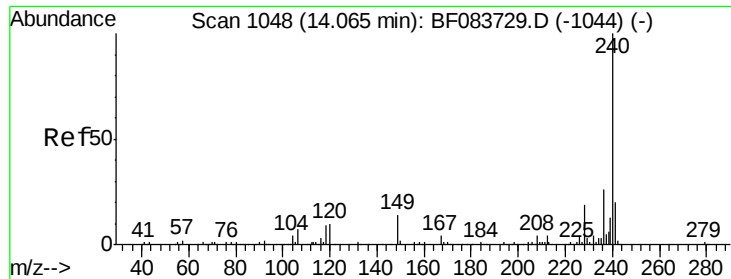
101 8.2 0.0 31.5

203 17.8 0.0 37.6



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

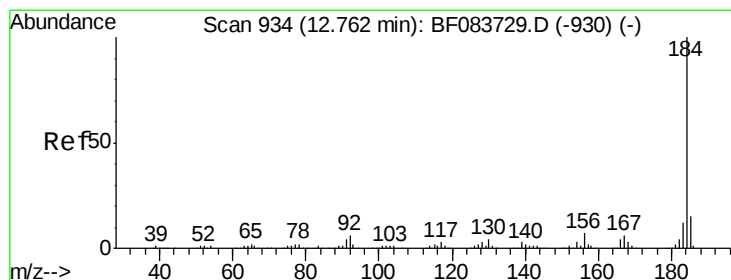
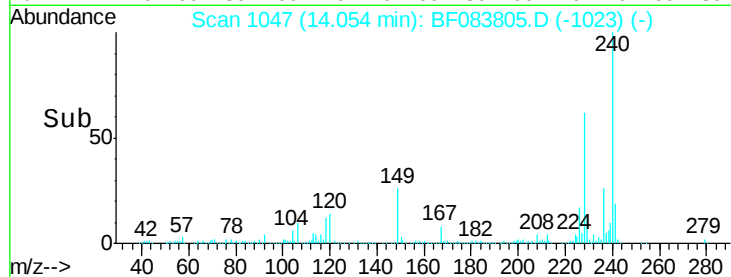
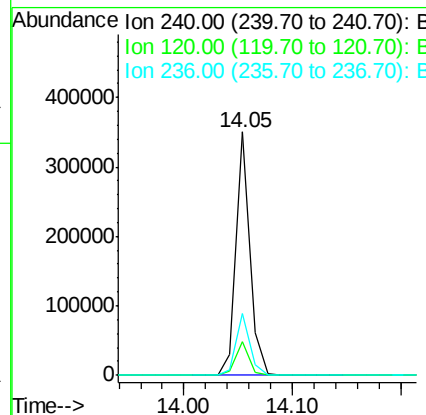
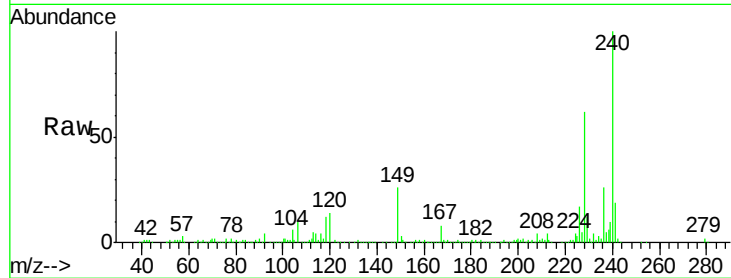
ClientSampleId :

PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.9	8.1	12.1	
236	25.6	20.8	31.2	

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#76

Benzidine

Concen: 34.21 ng

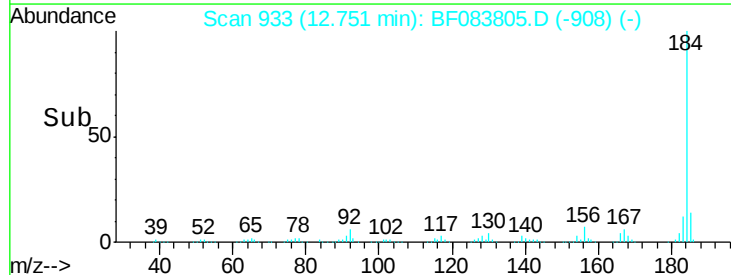
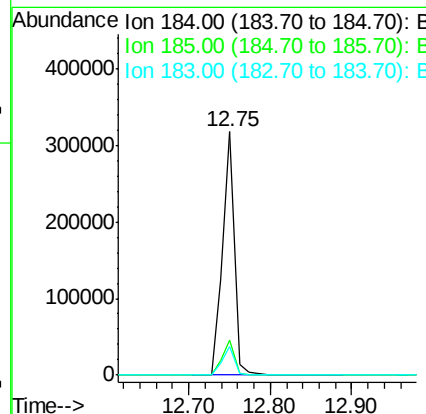
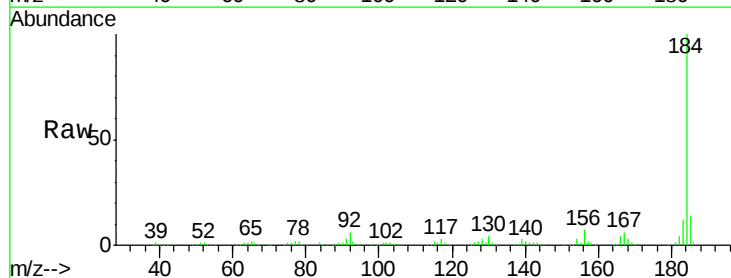
RT: 12.75 min Scan# 933

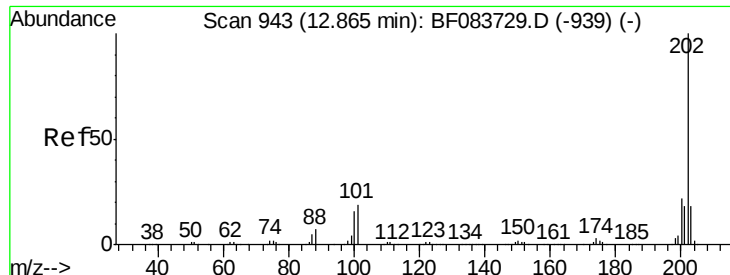
Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.4	13.0	19.6	
183	12.0	9.0	13.4	





#77

Pvrene

Concen: 43.03 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

Tot Ion:202 Resp: 1047616

Ion Ratio Lower Upper

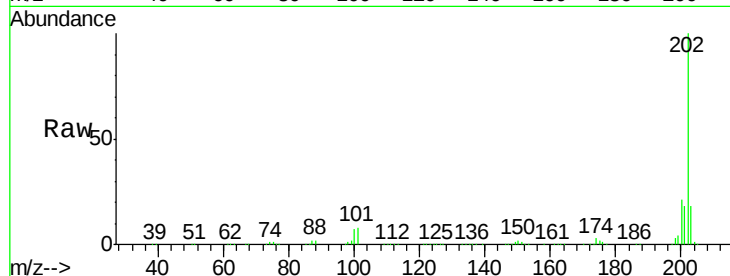
202 100

200 21.4 16.7 25.1

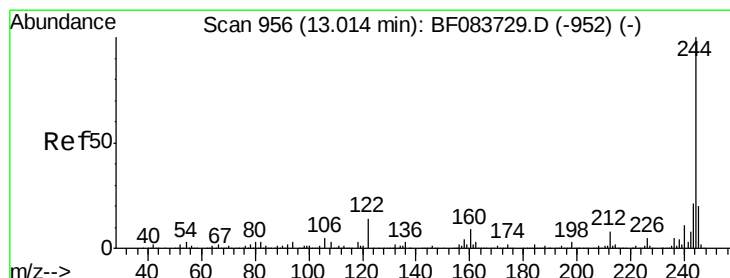
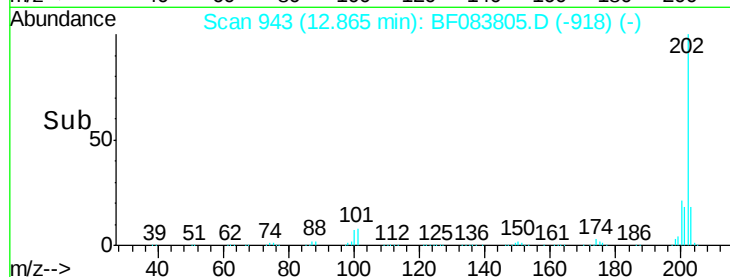
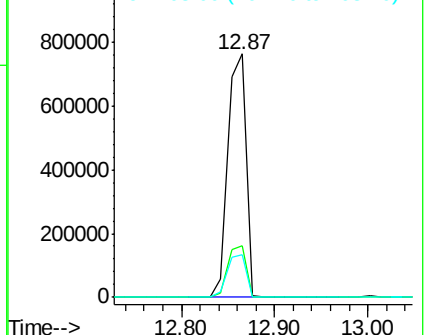
203 17.6 14.3 21.5

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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: 78.91 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

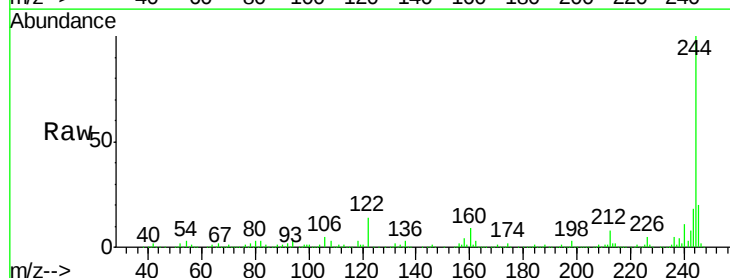
Tgt Ion:244 Resp: 1129978

Ion Ratio Lower Upper

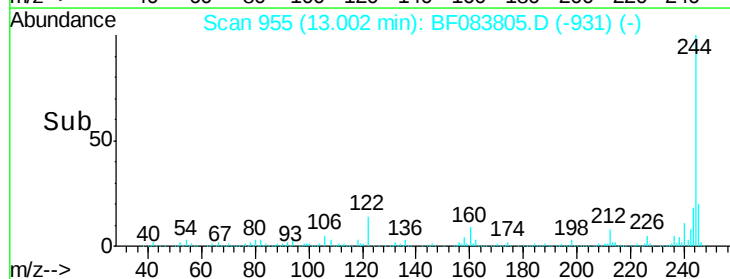
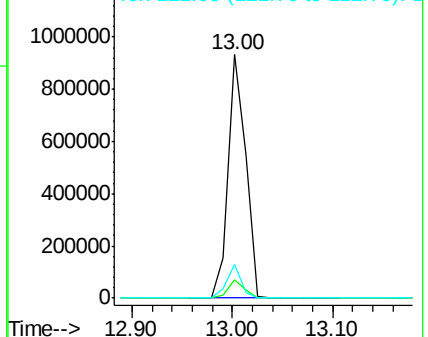
244 100

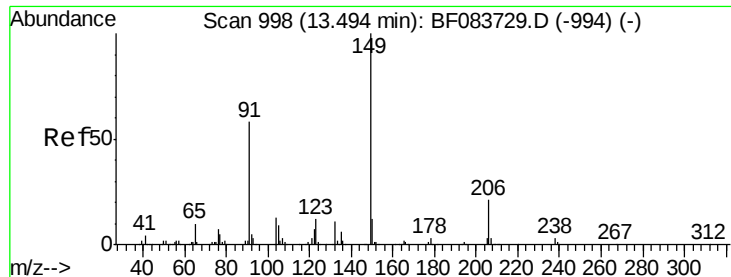
212 7.5 6.1 9.1

122 13.7 11.0 16.6



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





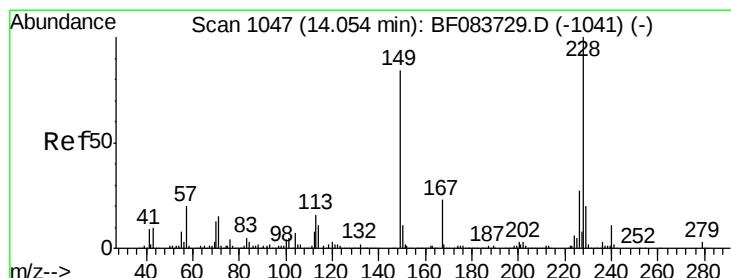
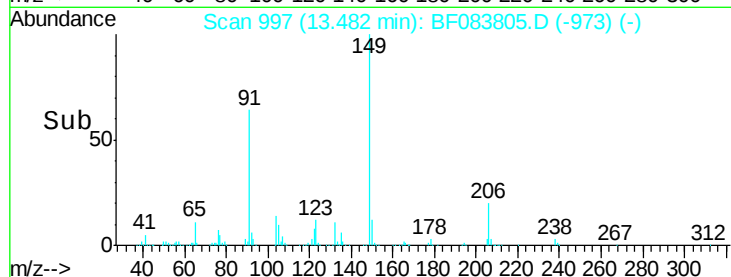
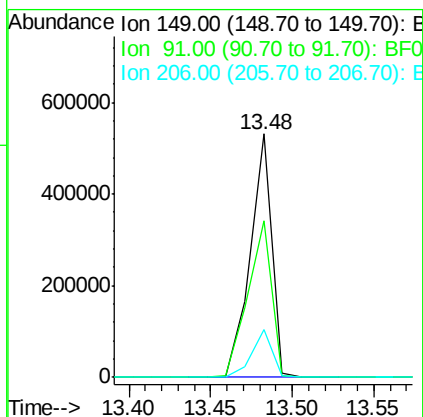
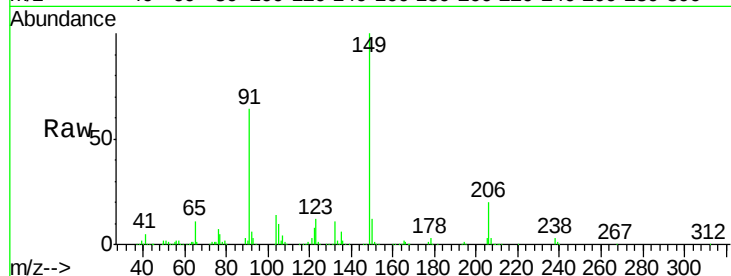
#79
Butylbenzylphthalate
Concen: 46.65 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	487382		
91	64.5	60.0	90.0	
206	19.7	16.2	24.4	

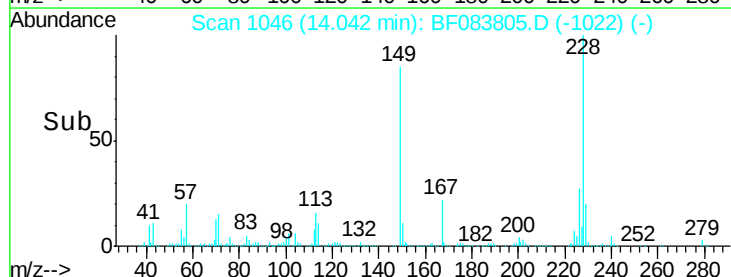
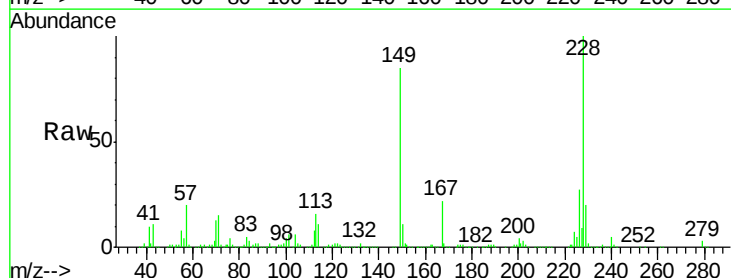
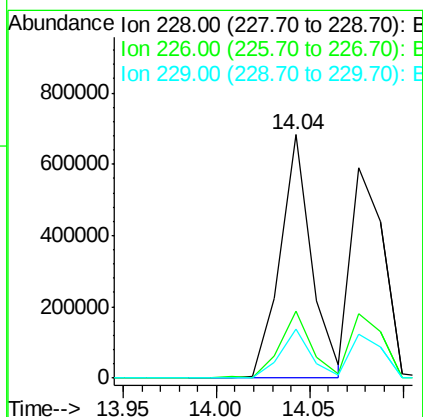
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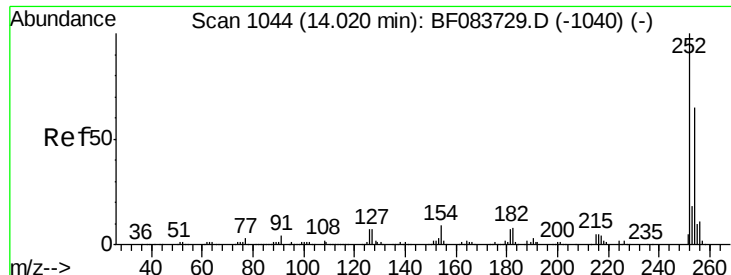
MMdadoda
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#80
Benzo(a)anthracene
Concen: 45.63 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	799208		
226	27.4	22.3	33.5	
229	20.3	15.7	23.5	





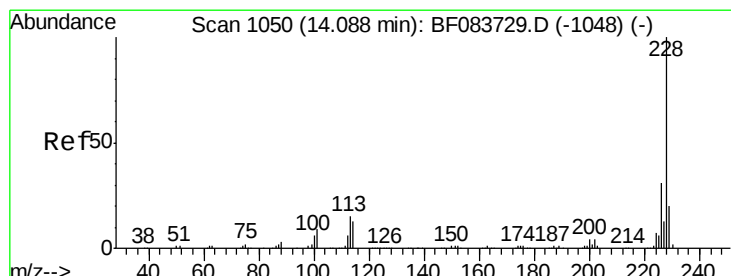
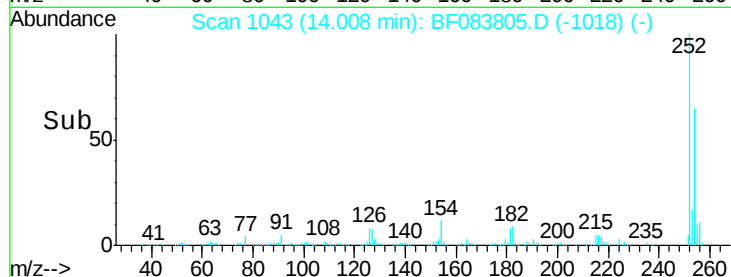
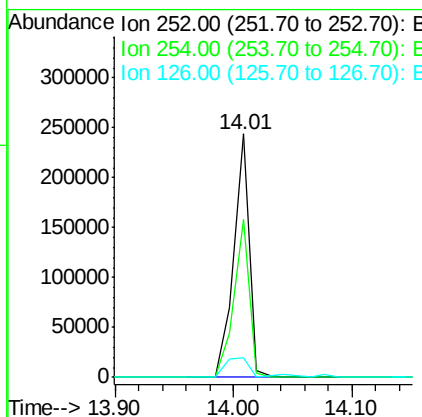
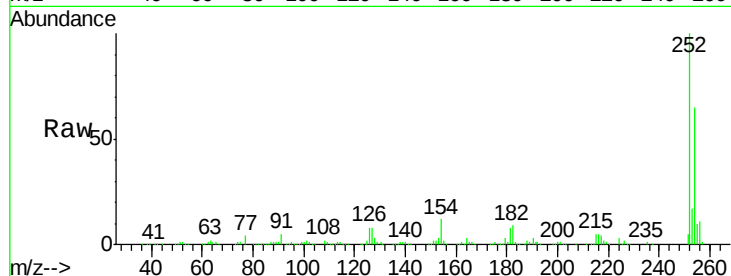
#81
 3,3'-Dichlorobenzidine
 Concen: 35.07 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	50.6	76.0
126	8.2	11.0	16.4

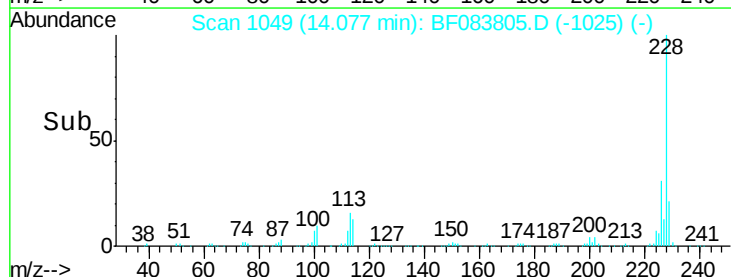
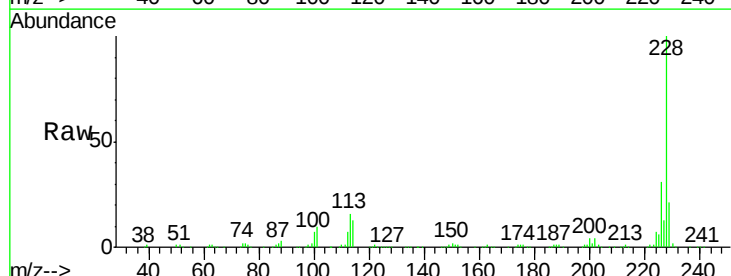
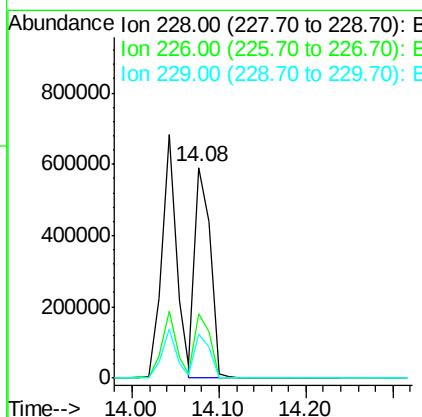
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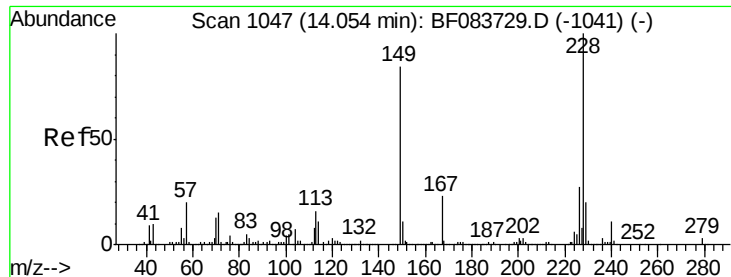
MMdadoda
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#82
 Chrysene
 Concen: 42.34 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.14 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

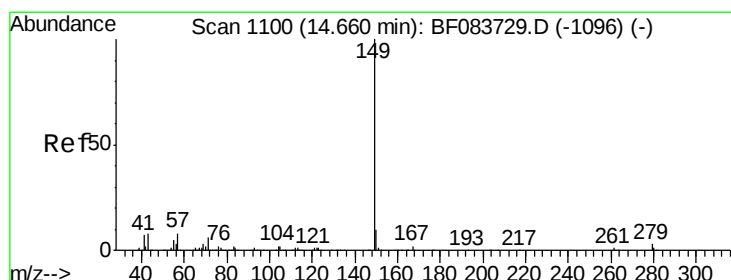
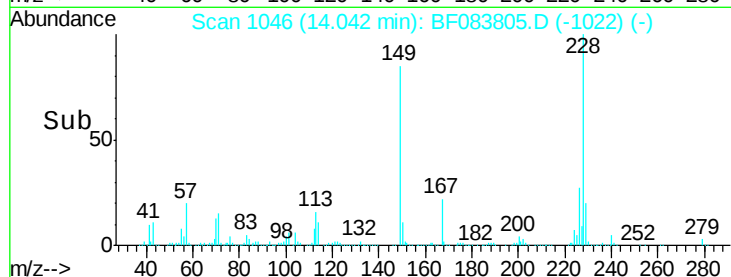
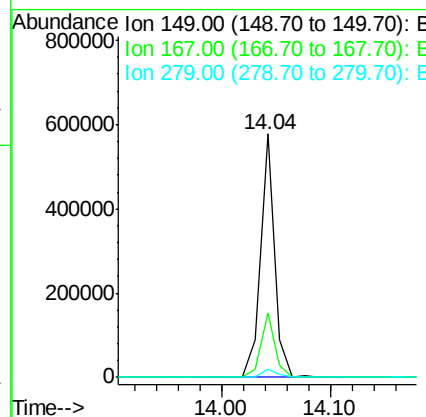
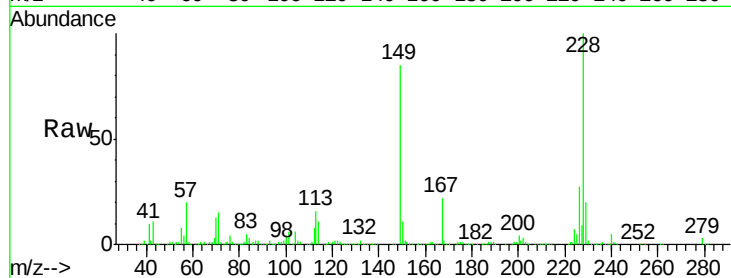
ClientSampleId :

PB87256BS

Tot Ion:	149	Resp:	524870
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.8	32.8
279	3.1	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 47.29 ng

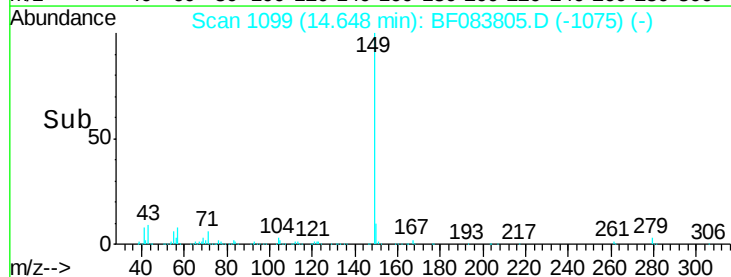
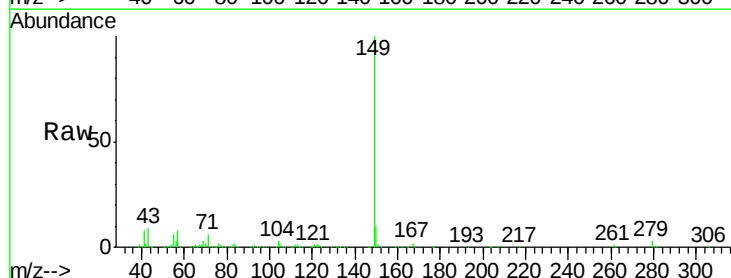
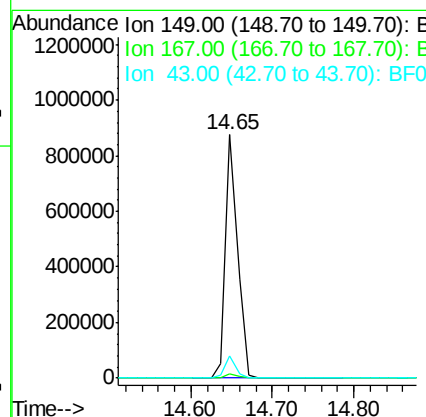
RT: 14.65 min Scan# 1099

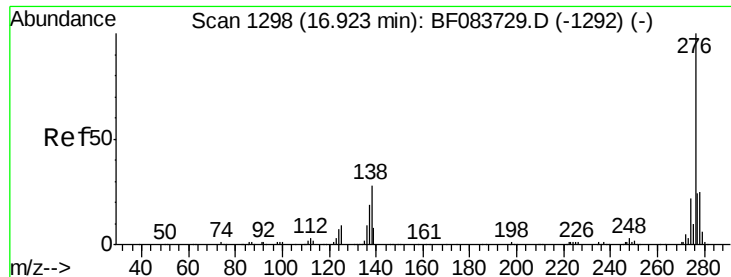
Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion:	149	Resp:	893634
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	8.2	0.0	0.0#





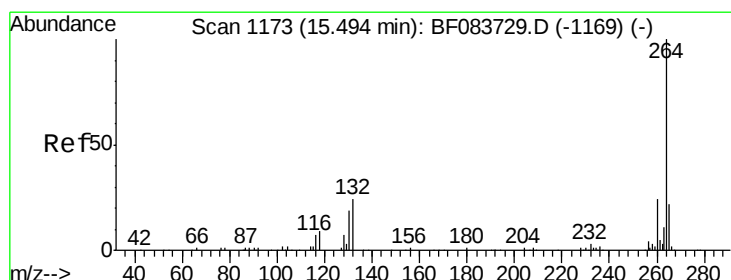
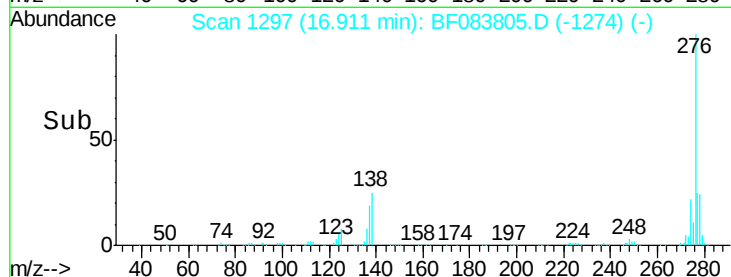
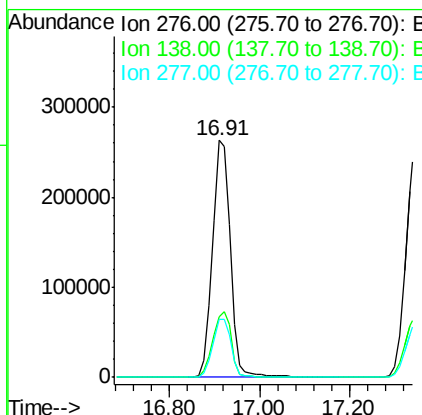
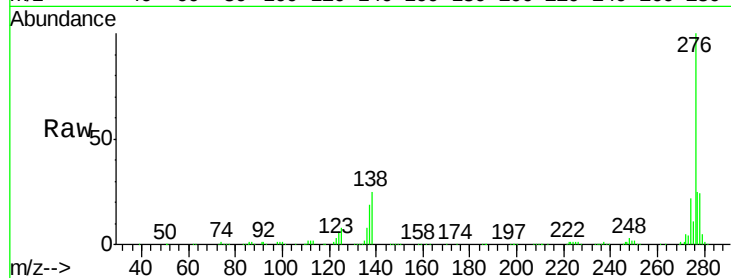
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.86 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.7	0.0	0.0#
277	25.5	0.0	0.0#

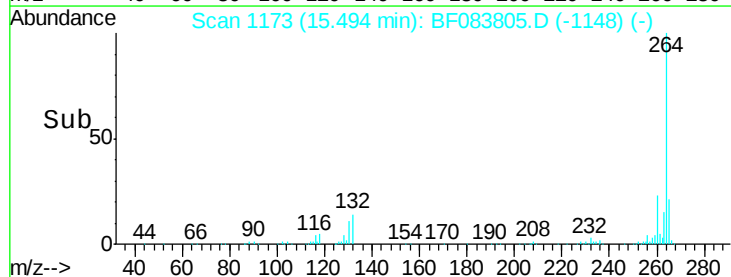
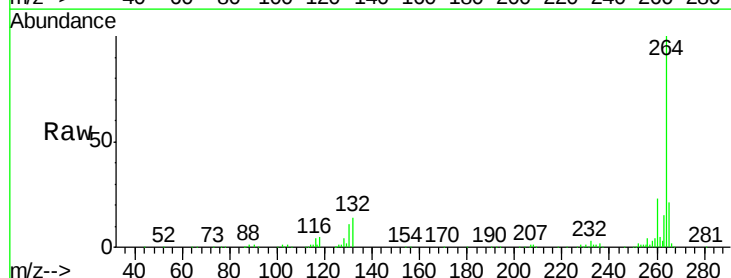
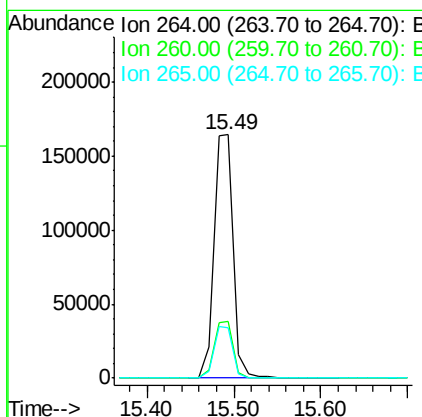
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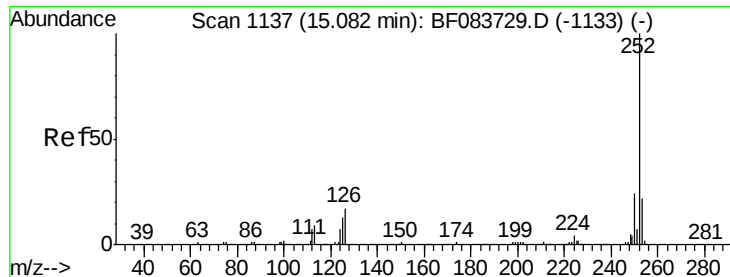
MMdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.4	19.4	29.0
265	20.8	17.8	26.6





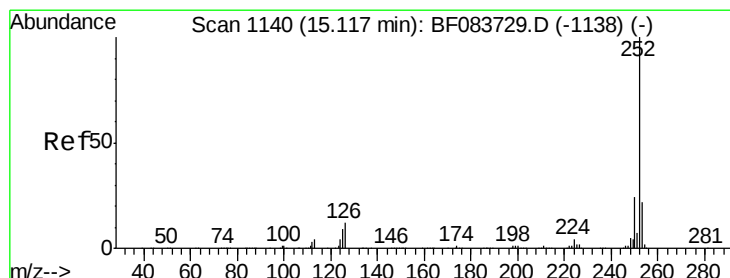
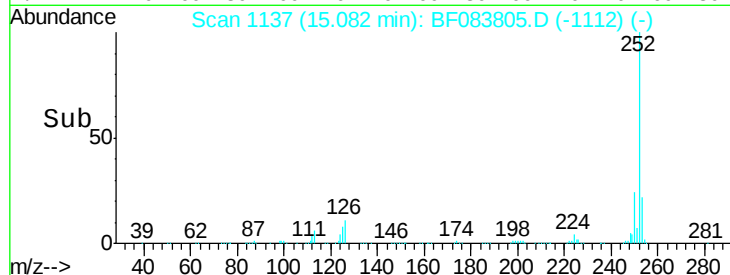
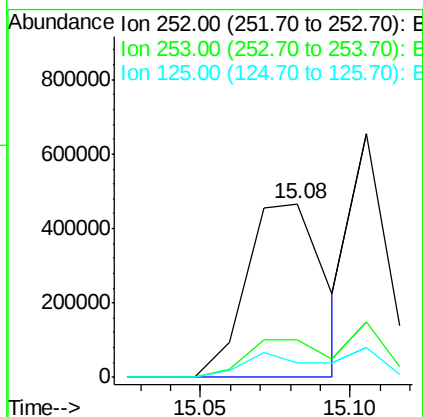
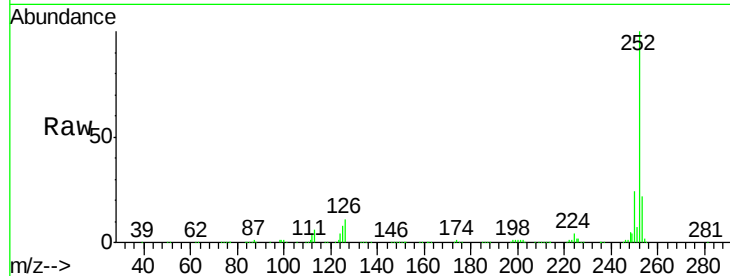
#87
Benzo(b)fluoranthene
Concen: 52.14 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	8.5	8.2	12.4

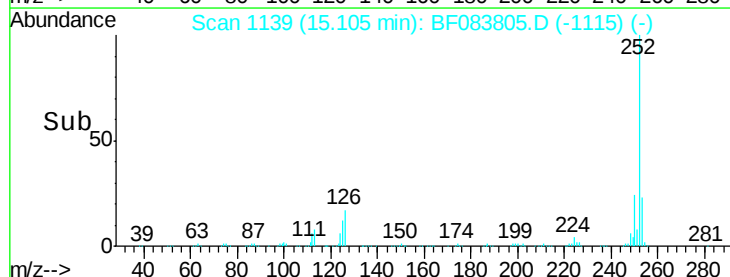
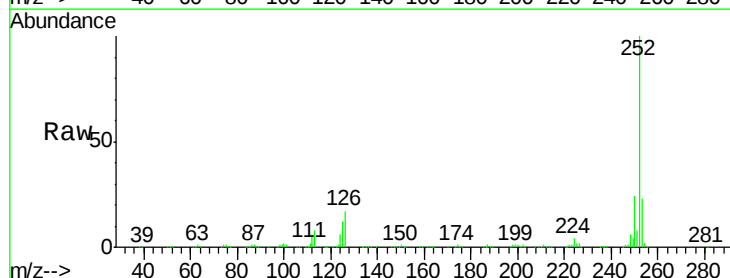
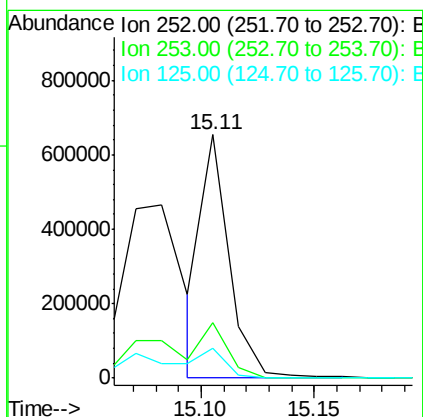
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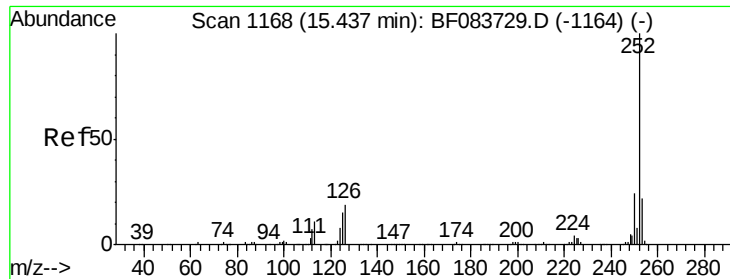
MMdadoda
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#88
Benzo(k)fluoranthene
Concen: 38.09 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	12.0	11.5	17.3





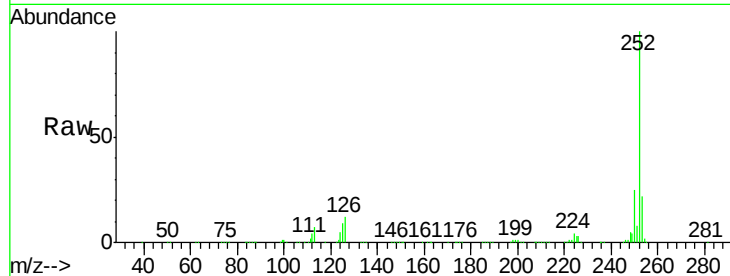
#89
Benzo(a)pyrene
Concen: 47.49 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

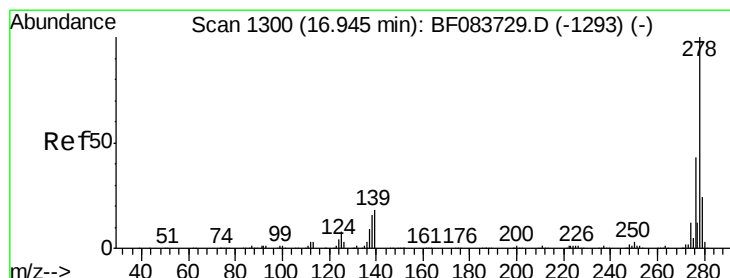
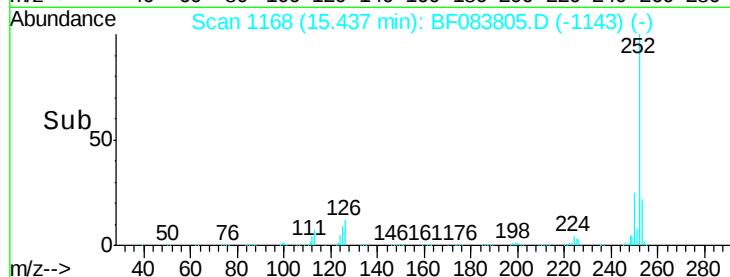
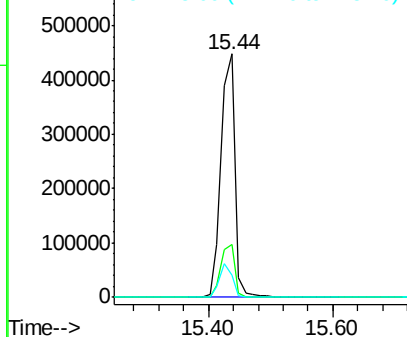
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.1	11.0	16.6

Manual Integrations
APPROVED

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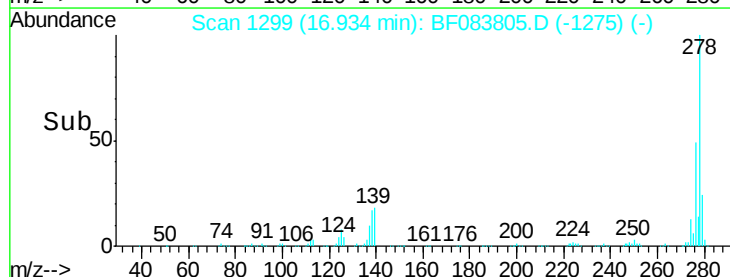
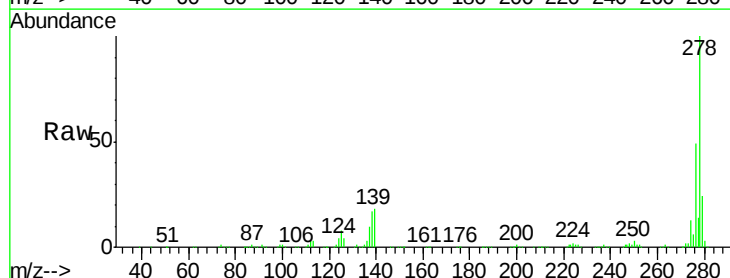
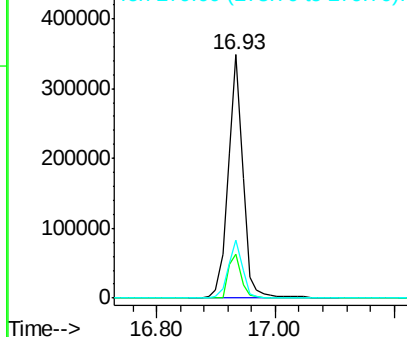
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

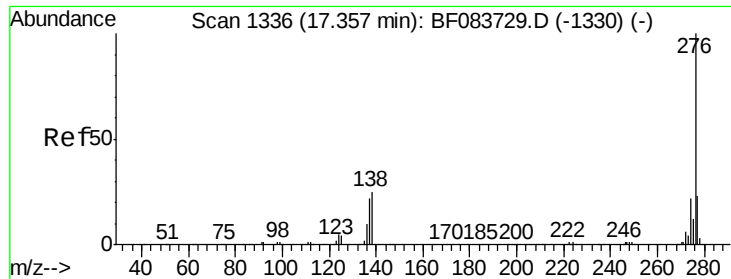


#90
Dibenzo(a,h)anthracene
Concen: 41.27 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.8	19.2
279	24.1	18.6	28.0

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





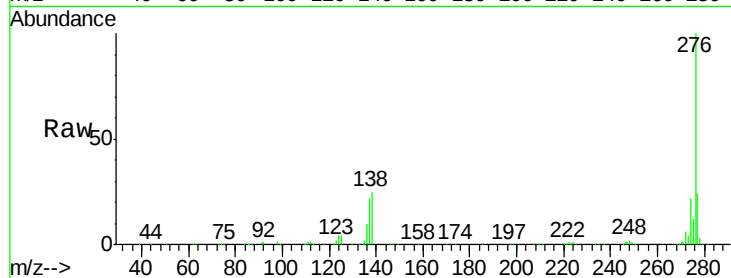
#91
 Benzo(a,h,i)perylene
 Concen: 41.44 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	24.7	19.5	29.3

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

