

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083427.D
 Acq On : 2 Dec 2015 19:47
 Operator : UM/IZ
 Sample : G4584-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Manual Integrations
 APPROVED

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 12/3/2015 7:09:43 PM

Quant Time: Dec 03 04:20:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	152647m	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	584231	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	291516	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	518735	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	379972	20.00	ng	-0.02
86) Perylene-d12	16.80	264	330077	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1516932	149.12	ng	0.01
7) Phenol-d6	6.22	99	1981369	142.30	ng	0.00
23) Nitrobenzene-d5	7.12	82	1254578	94.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	396344	135.44	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1838295	89.86	ng	-0.01
78) Terphenyl-d14	13.21	244	1746283	109.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	193722	35.17	ng	# 91
3) Pyridine	2.61	79	595963	43.25	ng	97
4) n-Nitrosodimethylamine	2.58	42	304817	44.94	ng	93
6) Aniline	6.21	93	547308	28.73	ng	92
8) 2-Chlorophenol	6.34	128	535979	47.76	ng	91
9) Benzaldehyde	6.08	77	240979	34.95	ng	96
10) Phenol	6.24	94	864220	51.58	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	646113	53.02	ng	91
12) 1,3-Dichlorobenzene	6.48	146	543744m	43.59	ng	
13) 1,4-Dichlorobenzene	6.56	146	575902m	44.67	ng	
14) 1,2-Dichlorobenzene	6.72	146	546055	46.17	ng	97
15) Benzyl Alcohol	6.70	79	491762	45.70	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1006206	47.05	ng	57
17) 2-Methylphenol	6.84	107	468398	50.08	ng	97
18) Hexachloroethane	7.05	117	212102	47.37	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	461987	46.42	ng	92
20) 3+4-Methylphenols	7.00	107	626458	49.45	ng	98
22) Acetophenone	6.97	105	796920	45.59	ng	# 98
24) Nitrobenzene	7.14	77	700007	49.32	ng	93
25) Isophorone	7.38	82	1160555	45.08	ng	99
26) 2-Nitrophenol	7.46	139	293252	50.62	ng	# 75
27) 2,4-Dimethylphenol	7.52	122	456586	47.01	ng	95
28) bis(2-Chloroethoxy)methane	7.61	93	739729	50.46	ng	98
29) 2,4-Dichlorophenol	7.71	162	453537	48.56	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	467026	45.94	ng	98
31) Naphthalene	7.86	128	5399873	170.35	ng	# 94
32) Benzoic acid	7.66	122	186171	27.79	ng	94
33) 4-Chloroaniline	7.92	127	295229	21.60	ng	97
34) Hexachlorobutadiene	7.97	225	264907	45.89	ng	97
35) Caprolactam	8.29	113	153607m	52.05	ng	
36) 4-Chloro-3-methylphenol	8.43	107	517932	49.44	ng	93
37) 2-Methylnaphthalene	8.54	142	1563574	73.80	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	437684	47.36	ng	99
40) Hexachlorocyclopentadiene	8.70	237	251912	57.39	ng	98

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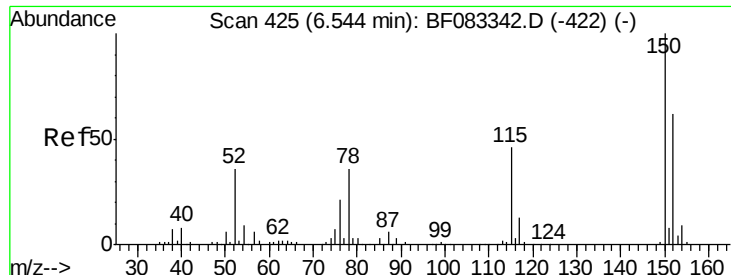
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	301116	46.45	nq	99
43) 2,4,5-Trichlorophenol	8.89	196	316834	47.18	nq	94
45) 1,1'-Biphenyl	9.01	154	1496361	58.53	nq	97
46) 2-Chloronaphthalene	9.02	162	904797	46.45	nq	99
47) 2-Nitroaniline	9.14	65	363680	47.14	nq	# 85
48) Acenaphthylene	9.44	152	1480804	47.66	nq	100
49) Dimethylphthalate	9.33	163	1350507	57.01	nq	98
50) 2,6-Dinitrotoluene	9.39	165	232719	46.00	nq	# 65
51) Acenaphthene	9.62	154	1874678	102.57	nq	99
52) 3-Nitroaniline	9.55	138	164275	27.70	nq	98
53) 2,4-Dinitrophenol	9.66	184	173539	58.62	nq	# 78
54) Dibenzofuran	9.78	168	1281999	47.86	nq	99
55) 4-Nitrophenol	9.76	139	365366m	98.50	nq	
56) 2,4-Dinitrotoluene	9.79	165	317793	49.50	nq	# 62
57) Fluorene	10.12	166	1368842	64.72	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	257144	47.46	nq	99
59) Diethylphthalate	10.02	149	959359	42.49	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	412876	42.49	nq	94
61) 4-Nitroaniline	10.17	138	241004	40.62	nq	97
62) Azobenzene	10.28	77	1293574	47.42	nq	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	142384	40.88	nq	# 52
65) n-Nitrosodiphenylamine	10.25	169	898812	49.31	nq	98
66) 4-Bromophenyl-phenylether	10.62	248	281224	49.56	nq	97
67) Hexachlorobenzene	10.69	284	302470	48.21	nq	95
68) Atrazine	10.82	200	267048	52.97	nq	98
69) Pentachlorophenol	10.92	266	322486	98.12	nq	99
70) Phenanthrene	11.15	178	3932453	128.10	nq	95
71) Anthracene	11.21	178	2051703	66.39	nq	99
72) Carbazole	11.40	167	1306360	47.05	nq	99
73) Di-n-butylphthalate	11.85	149	1611504	48.97	nq	99
74) Fluoranthene	12.66	202	2611766	82.08	nq	94
76) Benzidine	12.85	184	428630	37.87	nq	97
77) Pyrene	12.97	202	2877712	108.44	nq	97
79) Butylbenzylphthalate	13.95	149	655879	58.26	nq	84
80) Benzo(a)anthracene	14.73	228	1534689	65.93	nq	97
81) 3,3'-Dichlorobenzidine	14.71	252	261348	35.94	nq	98
82) Chrysene	14.77	228	1349889	60.02	nq	99
83) Bis(2-ethylhexyl)phthalate	14.85	149	897755	59.45	nq	99
84) Di-n-octyl phthalate	15.83	149	1329753	59.14	nq	100
85) Indeno(1,2,3-cd)pyrene	18.18	276	1248695	76.23	nq	99
87) Benzo(b)fluoranthene	16.29	252	1215318	57.38	nq	97
88) Benzo(k)fluoranthene	16.33	252	984509m	49.23	nq	
89) Benzo(a)pyrene	16.73	252	1234631	67.87	nq	# 98
90) Dibenzo(a,h)anthracene	18.20	278	937070	59.12	nq	99
91) Benzo(g,h,i)perylene	18.56	276	1096944	70.51	nq	98

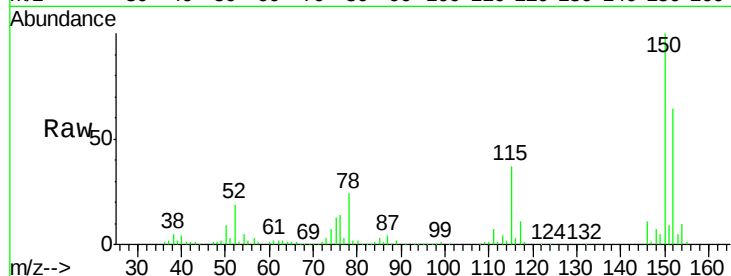
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

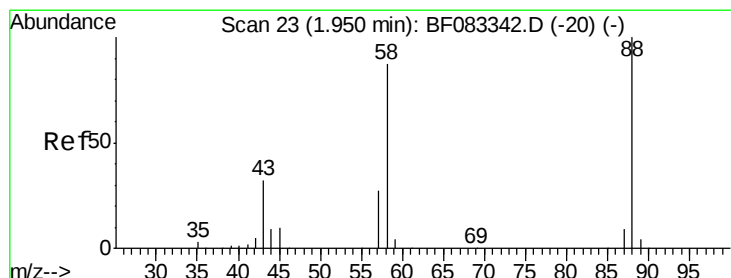
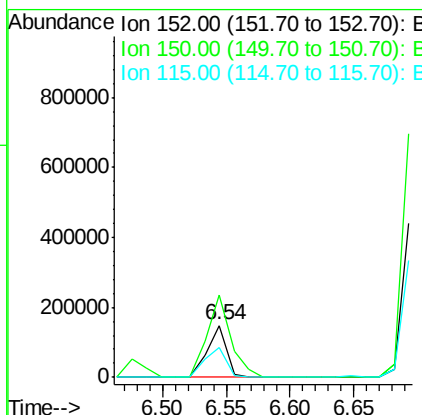
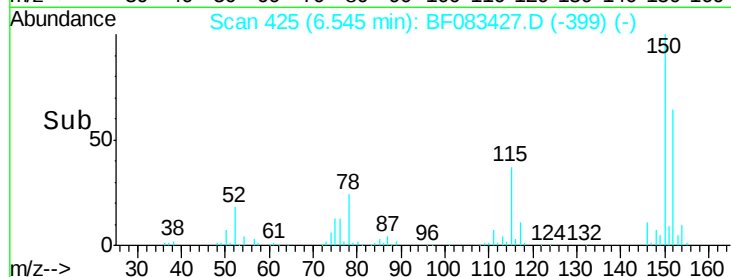
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD



Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	129.8	194.8
115	58.3	59.2	88.8

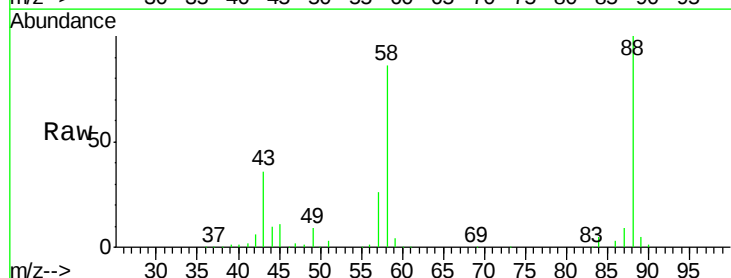
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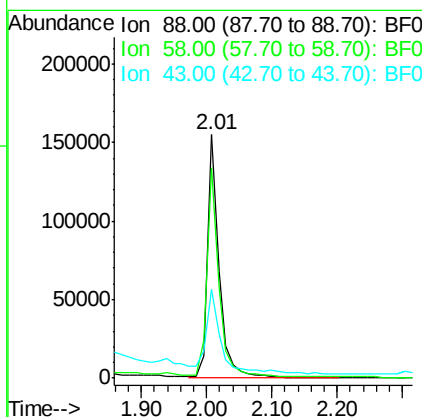
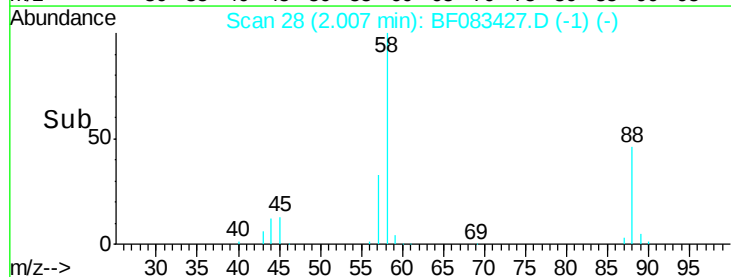


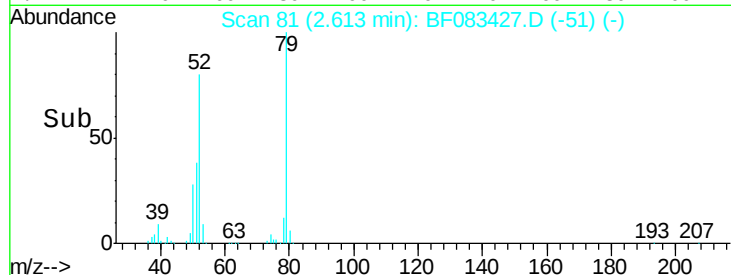
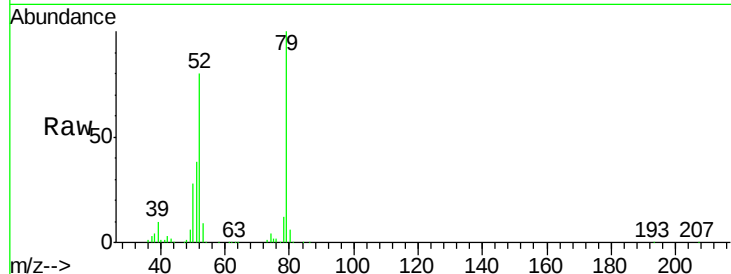
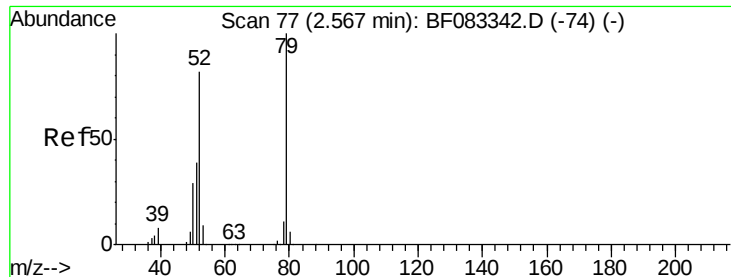
#2

1,4-Dioxane
Concen: 35.17 ng
RT: 2.01 min Scan# 28
Delta R.T. 0.06 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47



Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	66.6	100.0
43	46.2	27.1	40.7





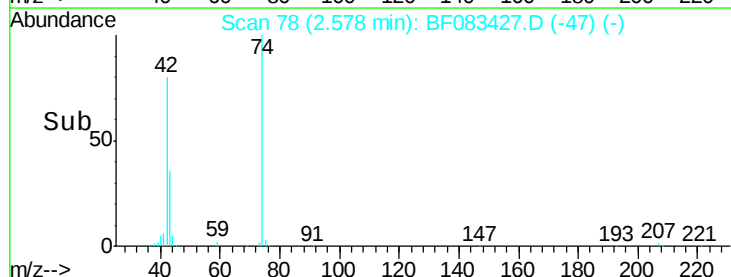
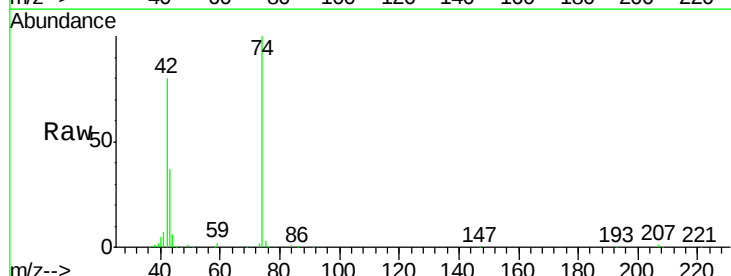
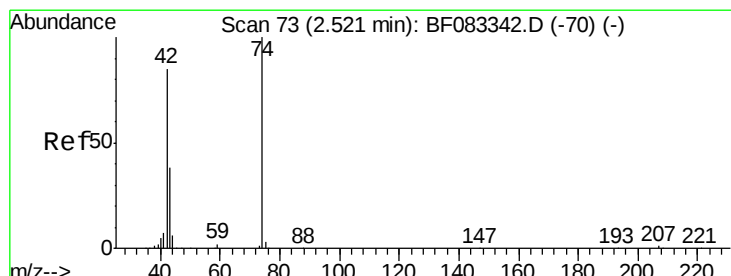
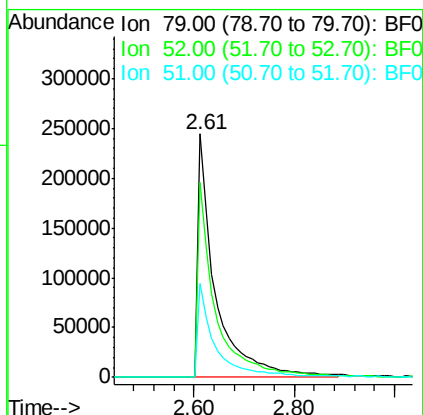
#3
 Pvridine
 Concen: 43.25 ng
 RT: 2.61 min Scan# 81
 Delta R.T. 0.05 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tot Ion:	79	Resp:	595963
Ion Ratio	Lower	Upper	
79	100		
52	80.2	65.9	98.9
51	38.4	32.3	48.5

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

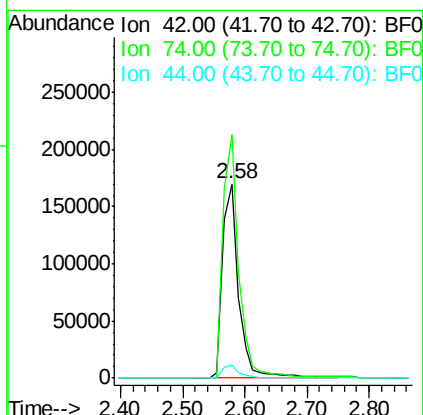
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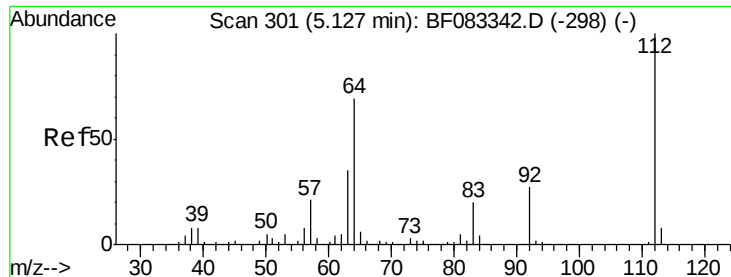
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#4
 n-Nitrosodimethylamine
 Concen: 44.94 ng
 RT: 2.58 min Scan# 78
 Delta R.T. 0.06 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:	42	Resp:	304817
Ion Ratio	Lower	Upper	
42	100		
74	125.6	93.7	140.5
44	6.9	5.6	8.4





#5

2-Fluorophenol

Concen: 149.12 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083427.D

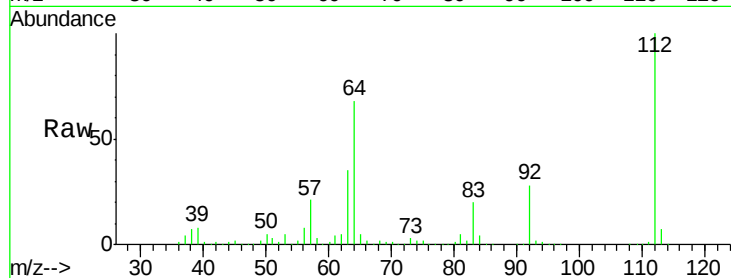
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Instrument :

BNA_F

ClientSampleId :

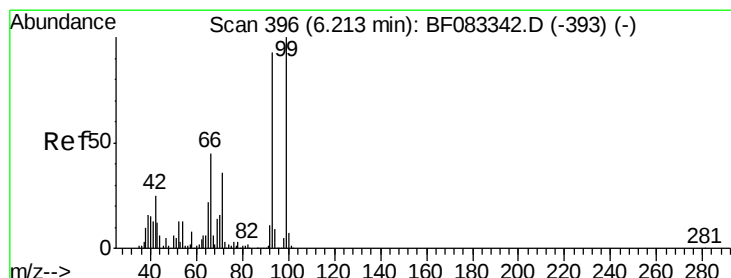
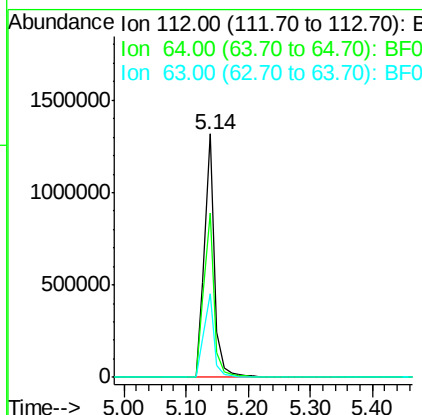
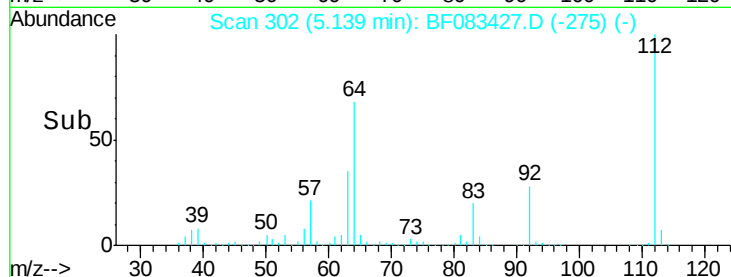
SB-P3WC-10(6-11)MSD



Tot Ion:	112	Resp:	1516932
Ion Ratio	Lower	Upper	
112	100		
64	67.7	55.6	83.4
63	34.5	28.2	42.2

Manual Integrations
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#6

Aniline

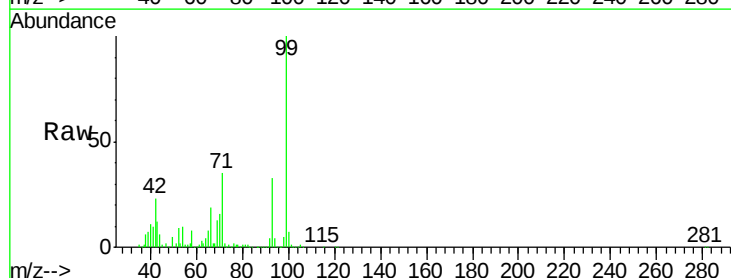
Concen: 28.73 ng

RT: 6.21 min Scan# 396

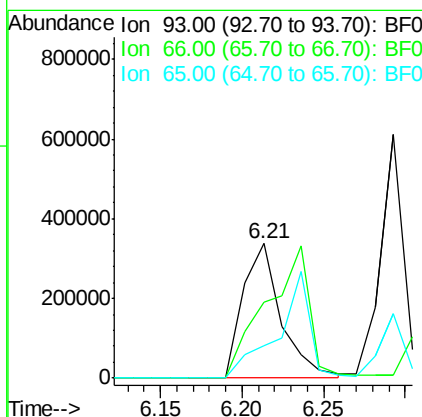
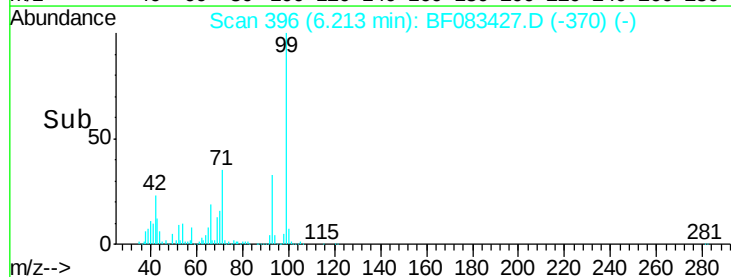
Delta R.T. 0.00 min

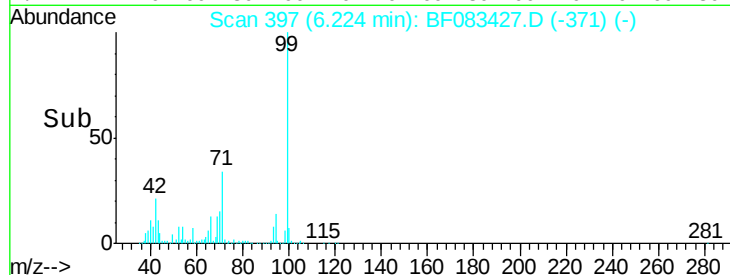
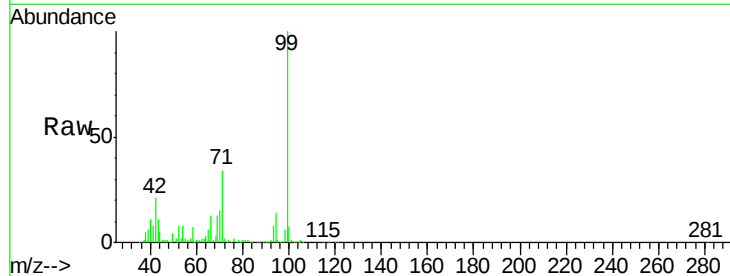
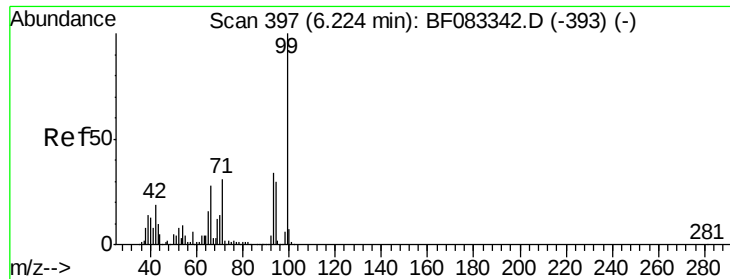
Lab File: BF083427.D

Acq: 2 Dec 2015 19:47



Tgt Ion:	93	Resp:	547308
Ion Ratio	Lower	Upper	
93	100		
66	56.3	38.7	58.1
65	24.5	19.0	28.6





#7

Phenol-d6

Concen: 142.30 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Tot Ion: 99 Resp: 1981369

Ion Ratio Lower Upper

99 100

42 21.1 14.9 22.3

71 34.1 24.7 37.1

Instrument :

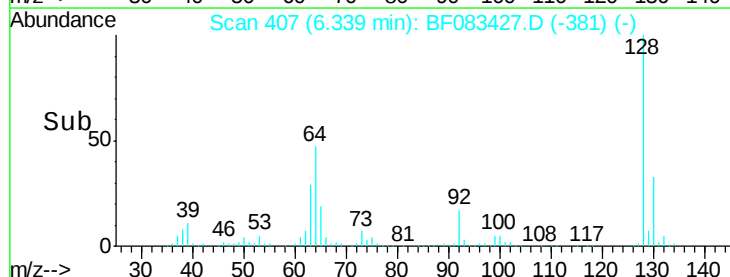
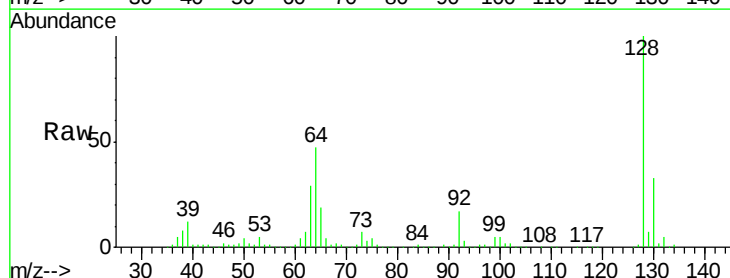
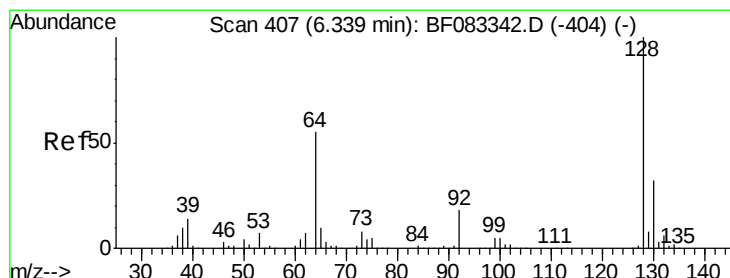
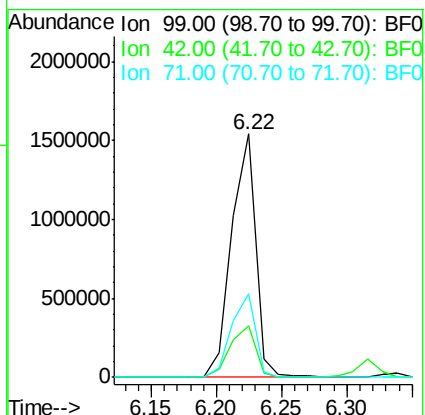
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ClientSampleId :

SB-P3WC-10(6-11)MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 47.76 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

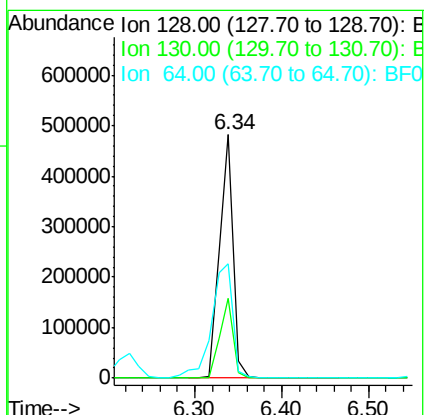
Tgt Ion:128 Resp: 535979

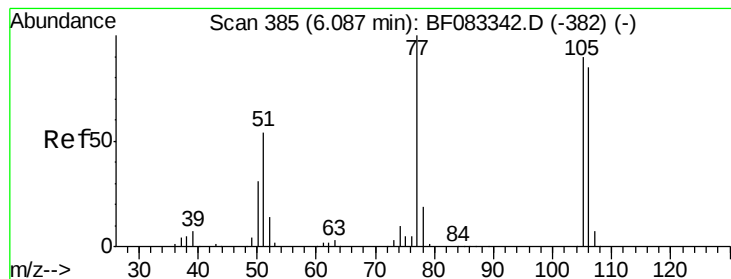
Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 46.7 36.4 76.4





#9

Benzaldehyde

Concen: 34.95 ng

RT: 6.08 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

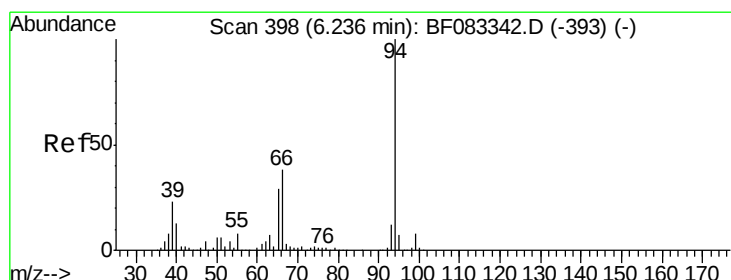
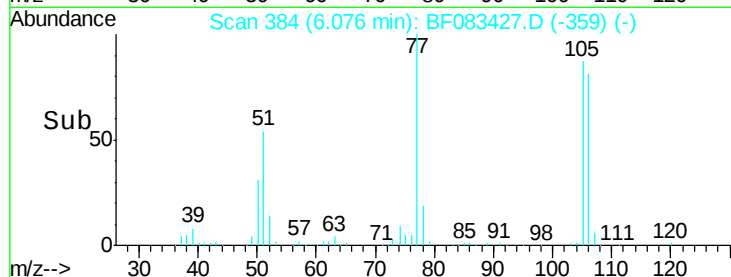
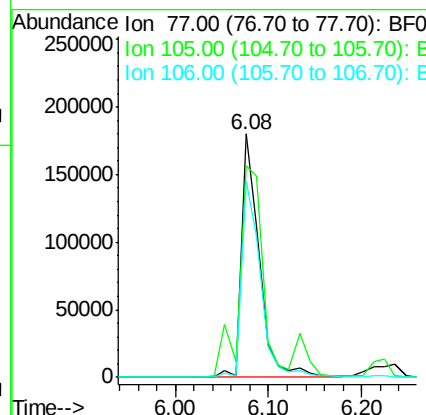
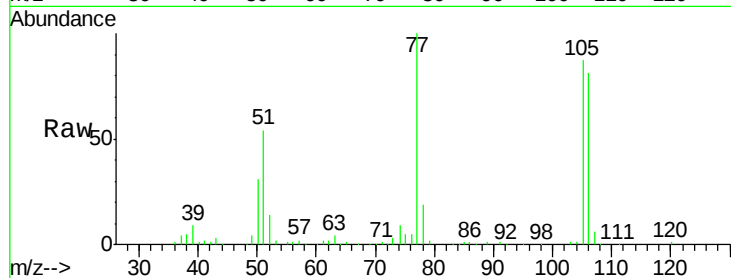
ClientSampleId :

SB-P3WC-10(6-11)MSD

Tot Ion:	77	Resp:	240979
Ion Ratio	Lower	Upper	
77	100		
105	86.9	70.0	110.0
106	80.6	65.0	105.0

Manual Integrations
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#10

Phenol

Concen: 51.58 ng

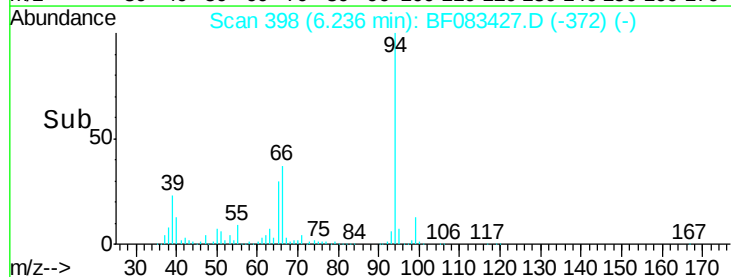
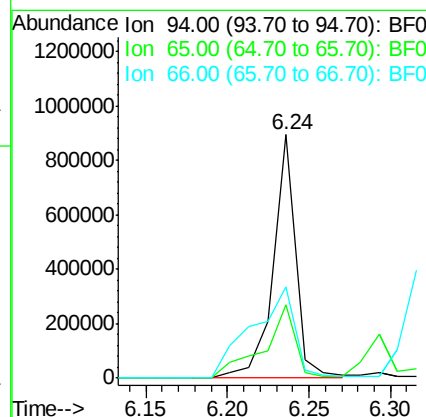
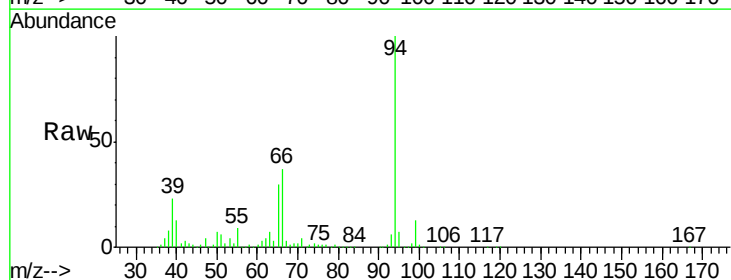
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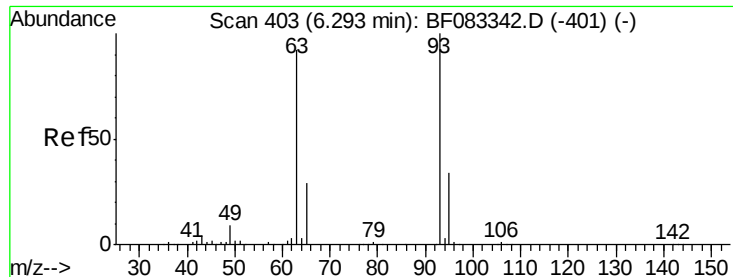
Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Tgt Ion:	94	Resp:	864220
Ion Ratio	Lower	Upper	
94	100		
65	29.9	9.5	49.5
66	37.2	17.9	57.9





#11

bis(2-Chloroethyl)ether

Concen: 53.02 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

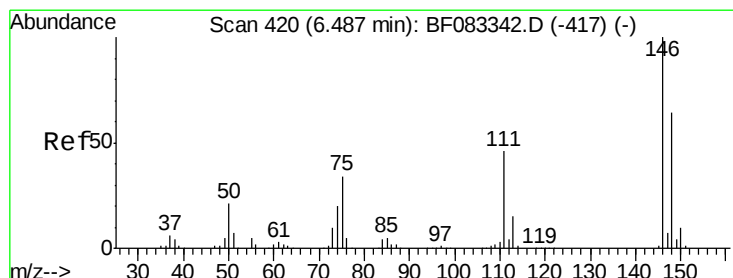
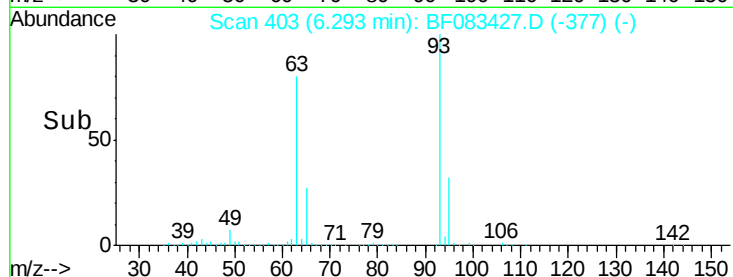
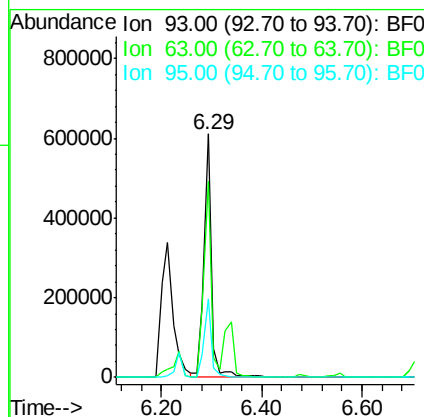
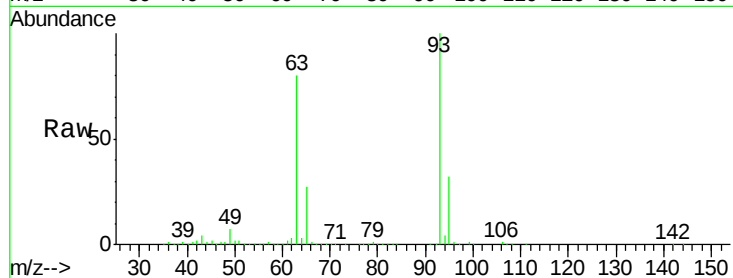
ClientSampleId :

SB-P3WC-10(6-11)MSD

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Tot Ion:	93	Resp:	646113
Ion Ratio	Lower	Upper	
93	100		
63	80.5	71.4	111.4
95	32.4	13.4	53.4



#12

1,3-Dichlorobenzene

Concen: 43.59 ng m

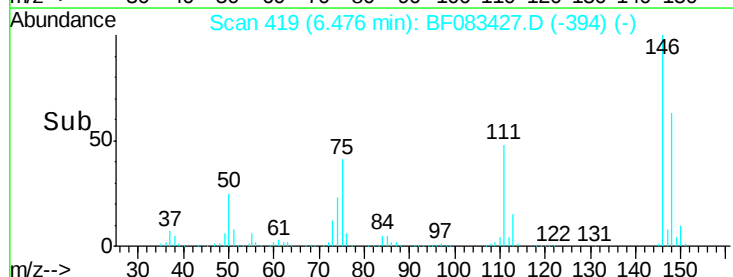
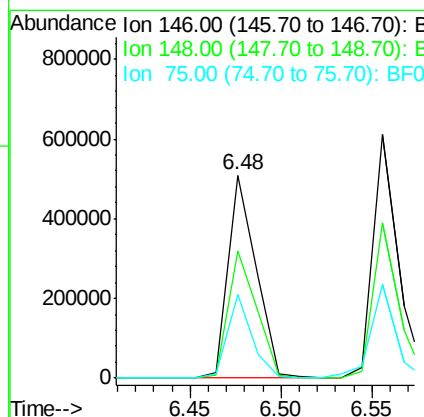
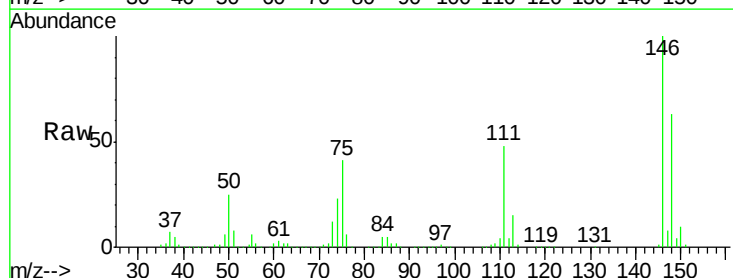
RT: 6.48 min Scan# 419

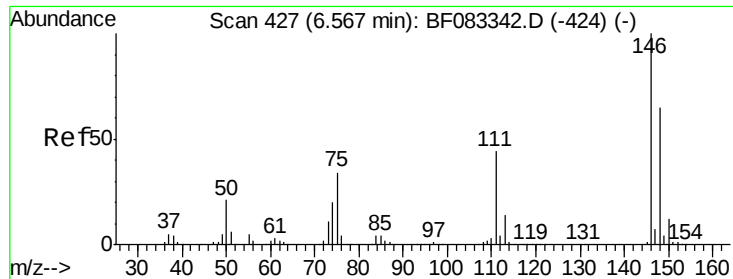
Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Tgt Ion:	146	Resp:	543744
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.1	76.7
75	41.3	27.5	41.3#





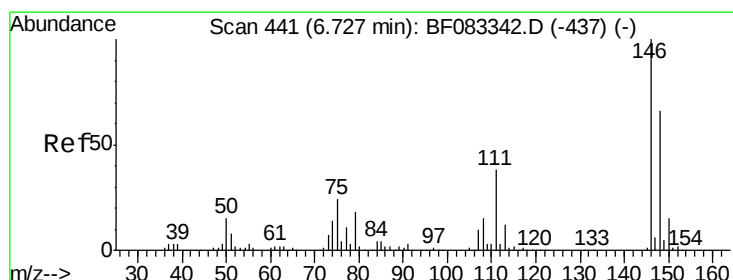
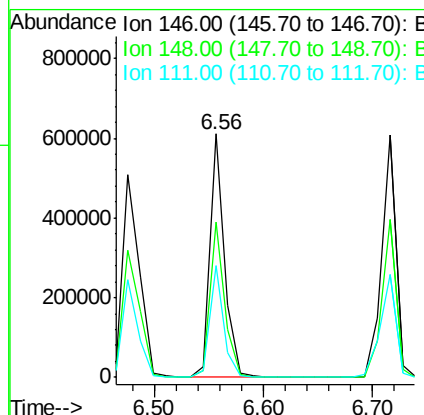
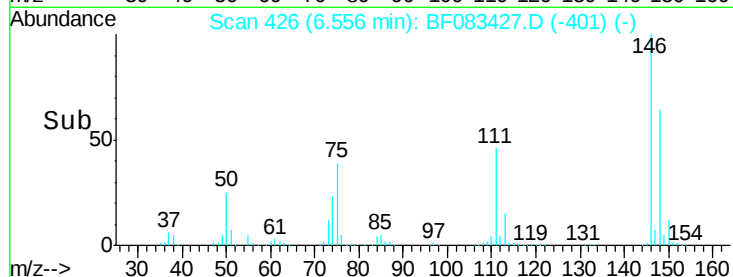
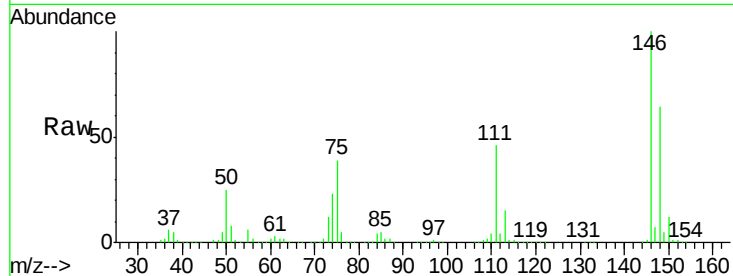
#13
 1,4-Dichlorobenzene
 Concen: 44.67 ng m
 RT: 6.56 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
111	46.0	35.4	53.0

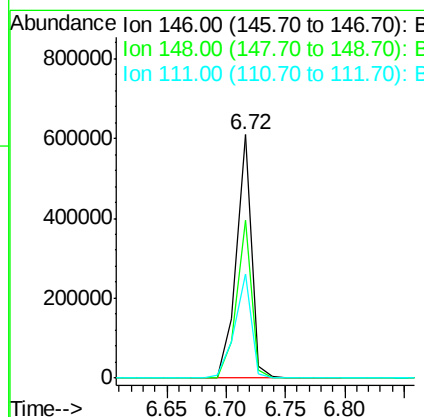
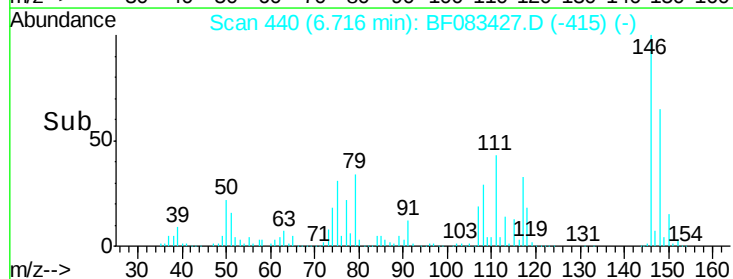
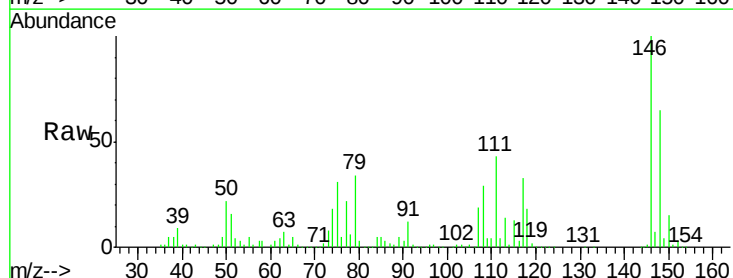
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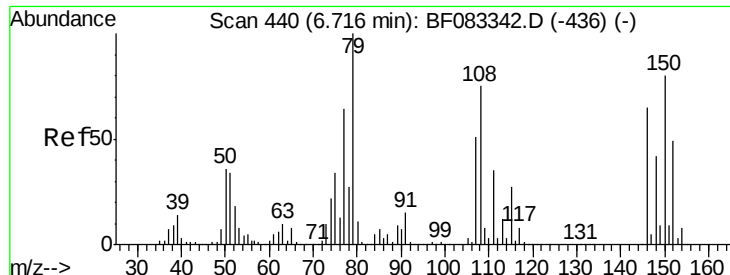
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#14
 1,2-Dichlorobenzene
 Concen: 46.17 ng
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.5	78.7
111	42.6	30.6	46.0





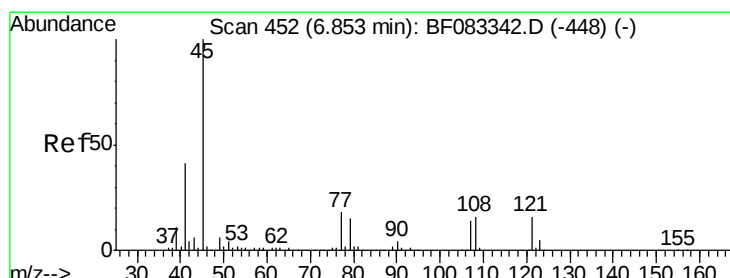
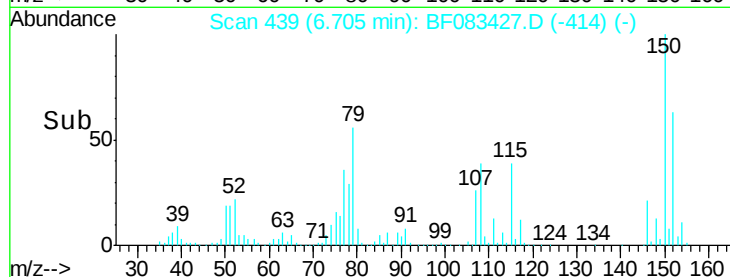
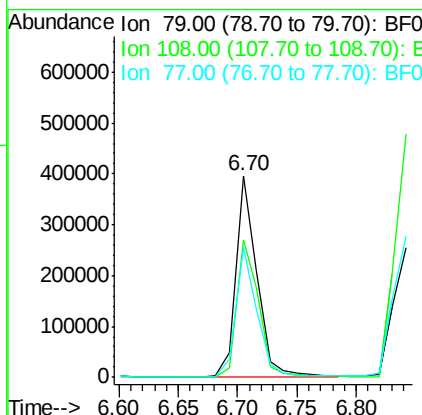
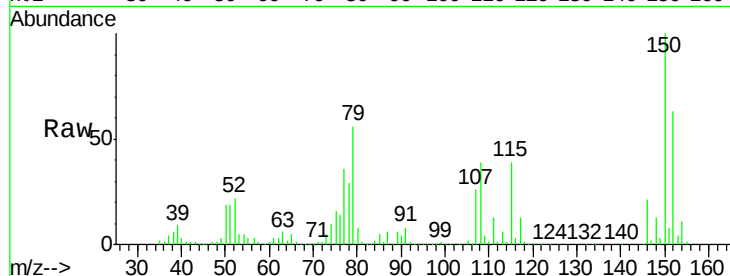
#15
Benzyl Alcohol
Concen: 45.70 ng
RT: 6.70 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.4	59.9	89.9
77	64.1	51.0	76.6

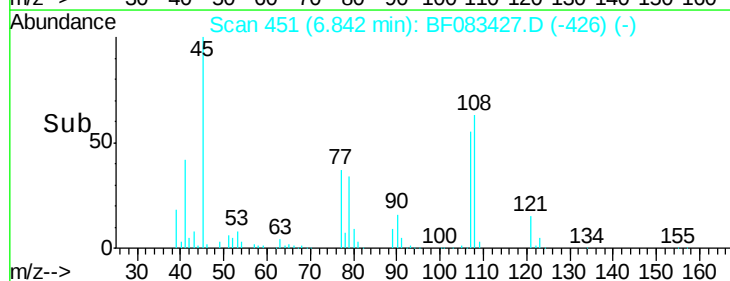
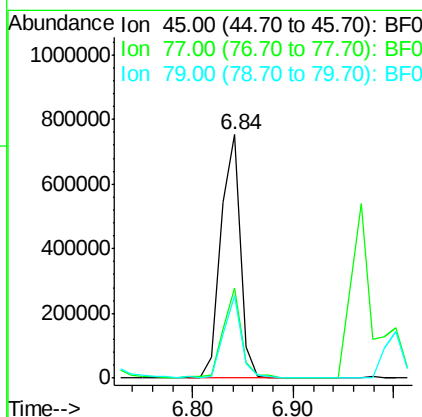
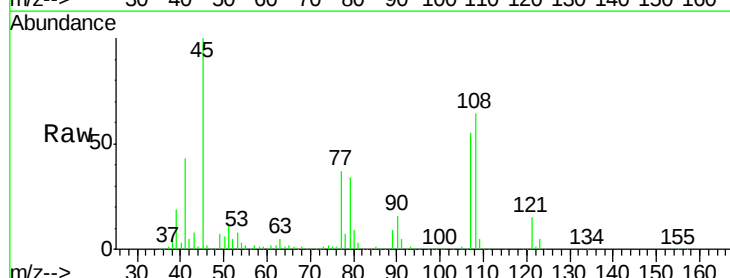
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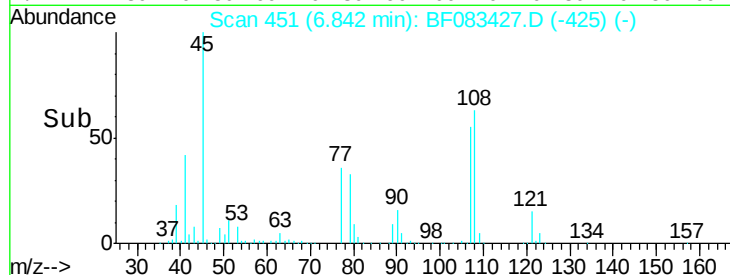
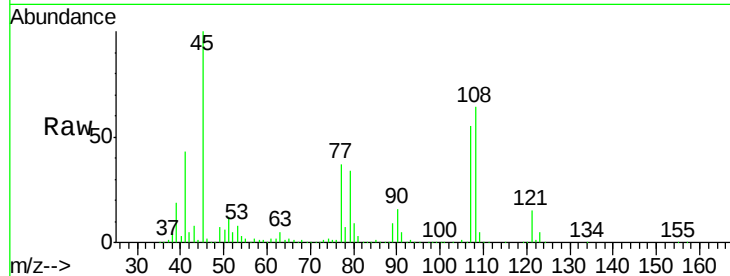
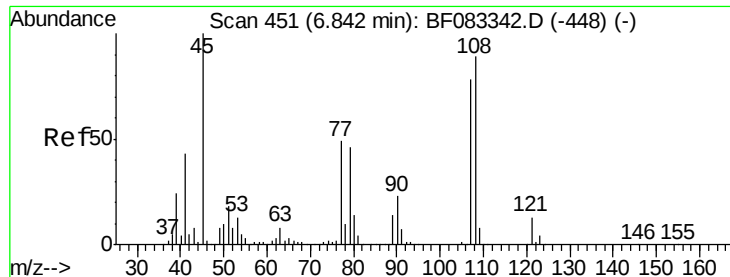
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#16
2,2'-oxybis(1-chloropropane)
Concen: 47.05 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

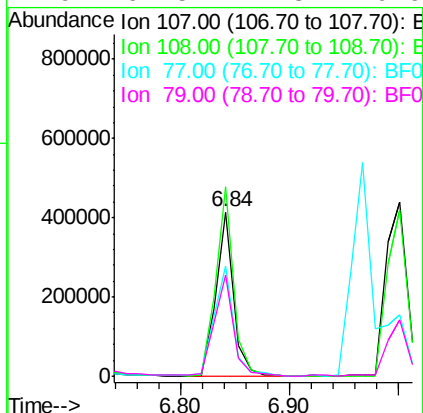
Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.0	0.0	38.3
79	33.9	0.0	35.4





#17
2-Methylphenol
Concen: 50.08 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

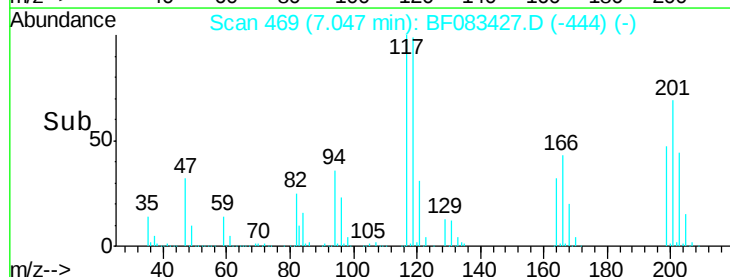
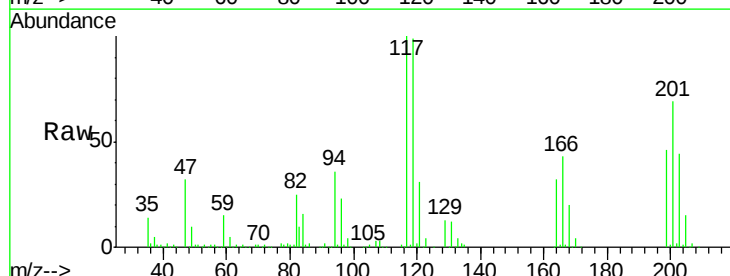
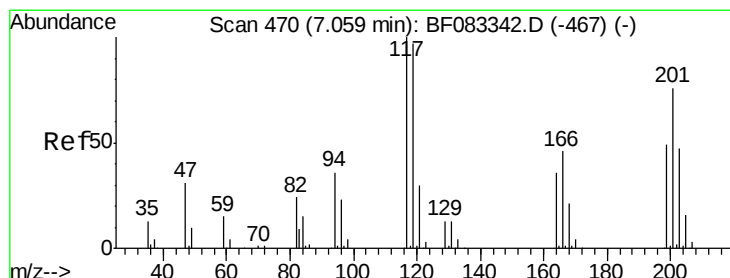
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	91.6	137.4	
77	67.2	49.9	74.9	
79	61.5	47.3	70.9	



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

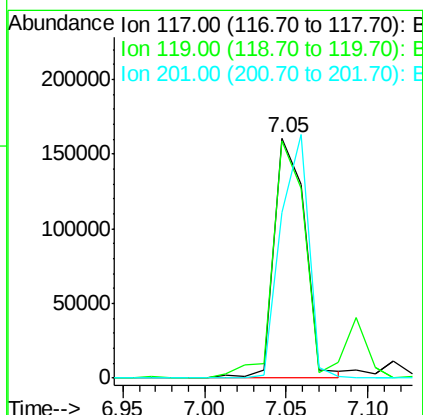
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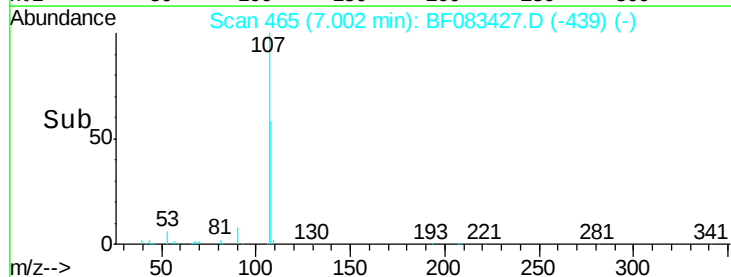
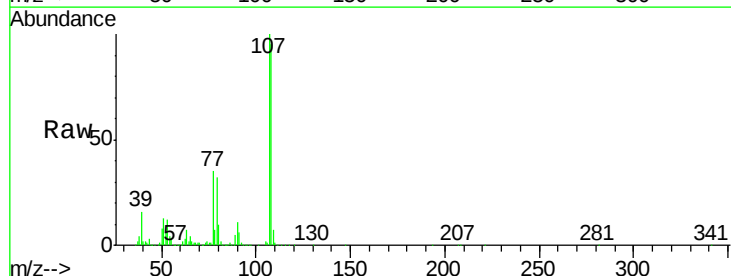
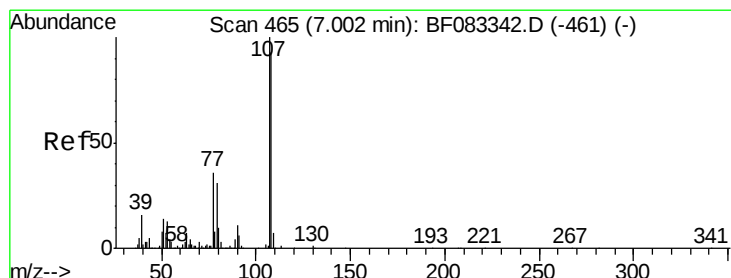
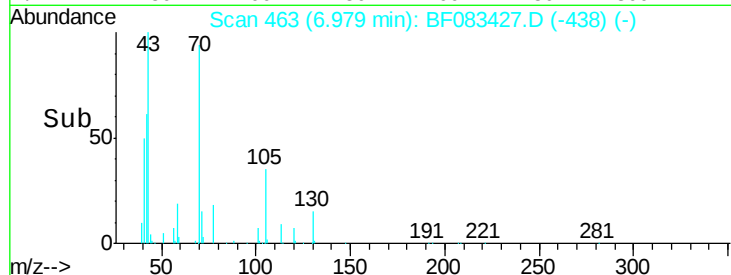
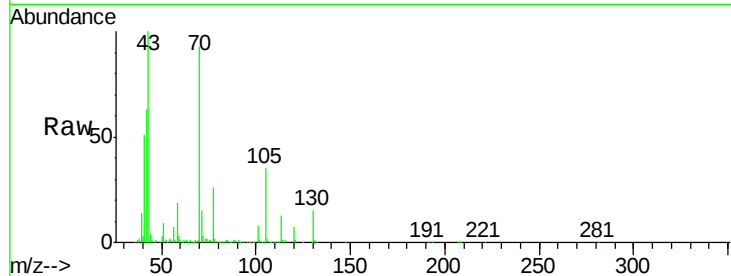
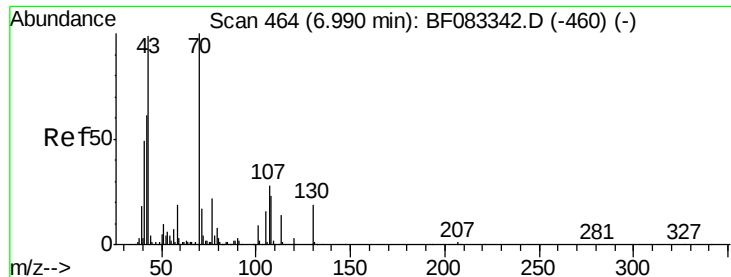
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#18
Hexachloroethane
Concen: 47.37 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

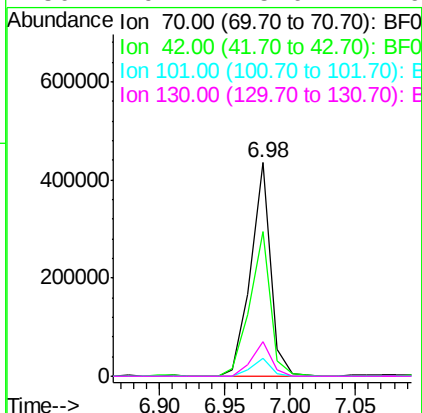
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	77.3	115.9	
201	69.1	60.6	90.8	





#19
n-Nitroso-di-n-propylamine
Concen: 46.42 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		461987		
42	67.9	48.8	73.2		
101	8.5	7.1	10.7		
130	16.2	15.0	22.6		



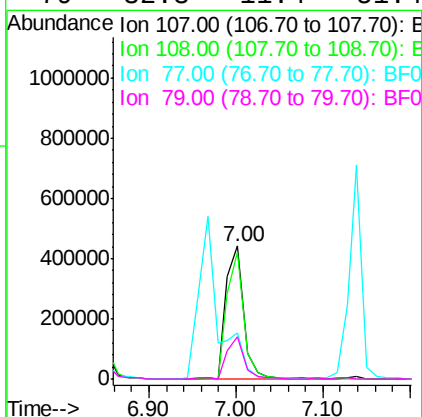
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

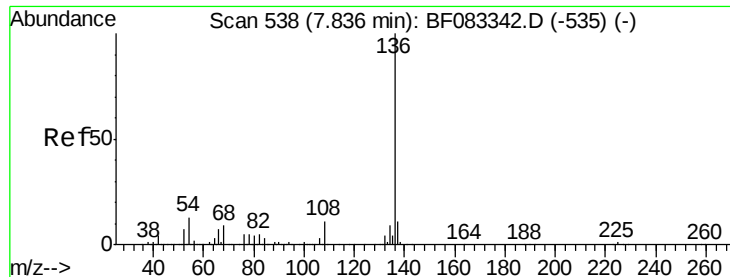
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#20
3+4-Methylphenols
Concen: 49.45 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		626458		
108	95.1	73.0	113.0		
77	35.0	16.8	56.8		
79	32.3	11.4	51.4		





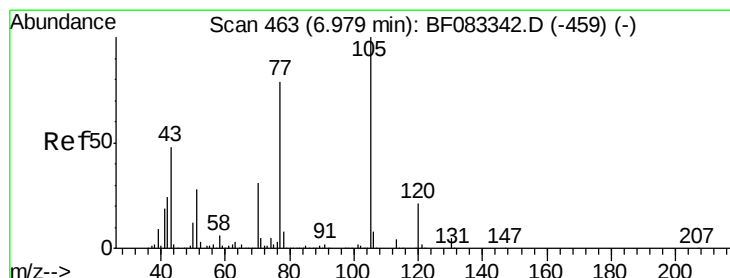
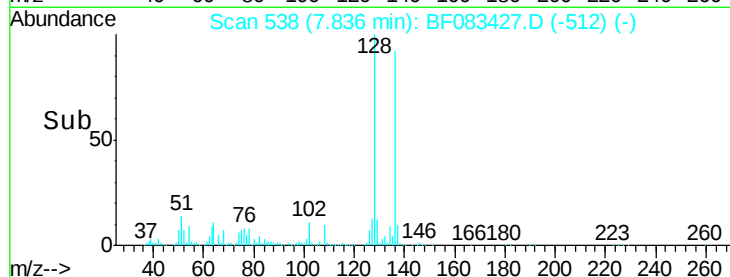
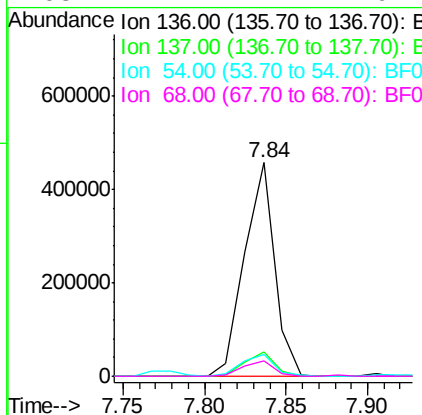
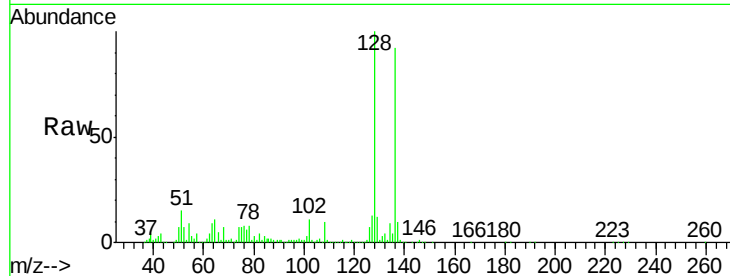
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.4	
54	10.1	10.1	15.1	
68	7.2	7.1	10.7	

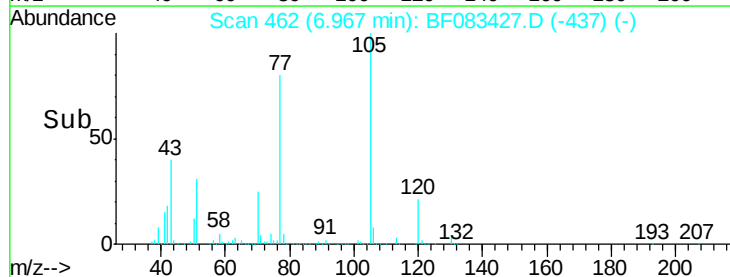
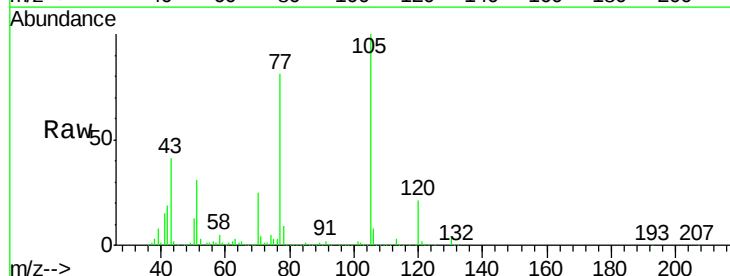
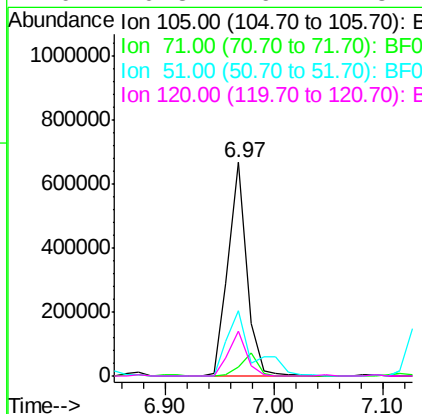
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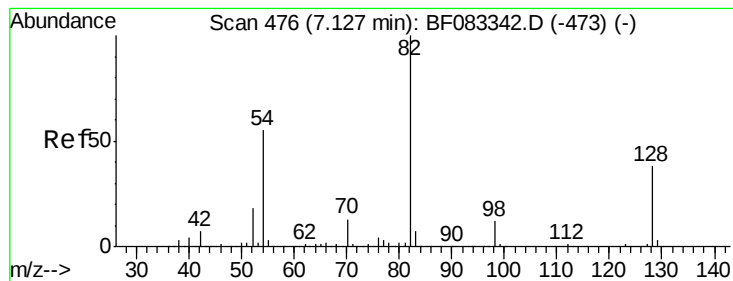
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#22
Acetophenone
Concen: 45.59 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	4.3	6.5#	
51	30.7	22.9	34.3	
120	20.8	16.7	25.1	





#23

Nitrobenzene-d5

Concen: 94.40 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

Tot Ion: 82 Resp: 1254578

Ion Ratio Lower Upper

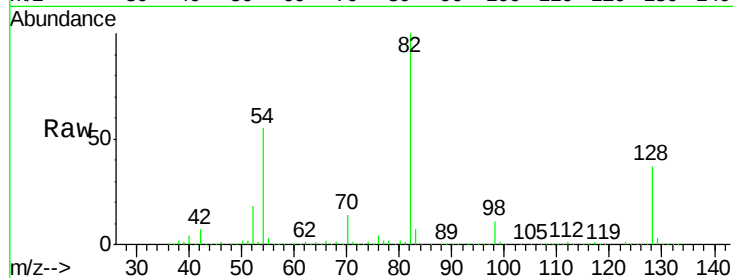
82 100

128 37.4 30.6 46.0

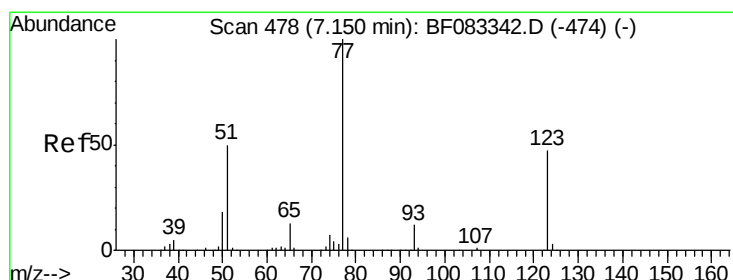
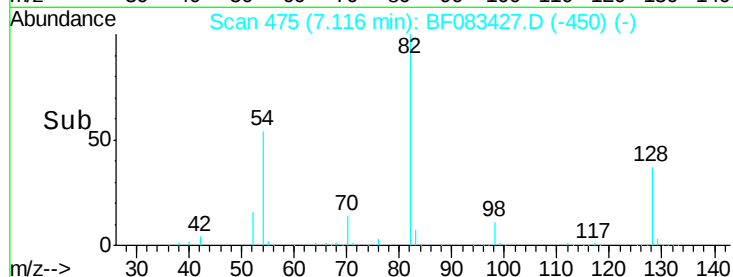
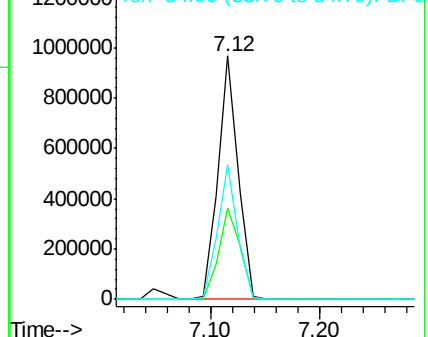
54 55.1 43.8 65.6

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



#24

Nitrobenzene

Concen: 49.32 ng

RT: 7.14 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

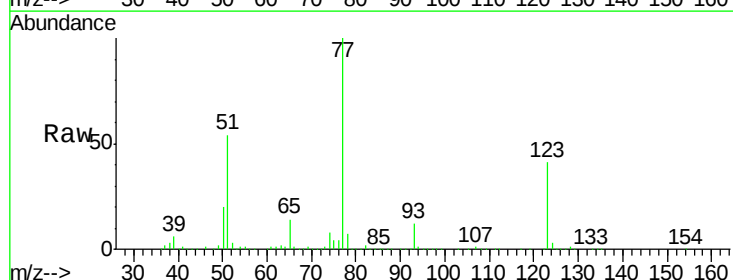
Tgt Ion: 77 Resp: 700007

Ion Ratio Lower Upper

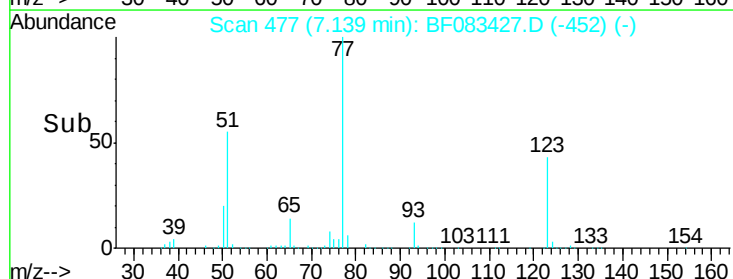
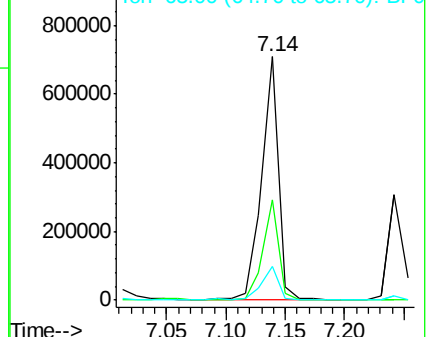
77 100

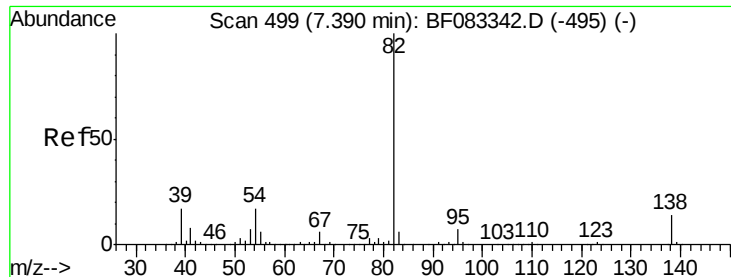
123 41.3 37.4 56.0

65 13.7 10.6 15.8



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





#25

Isophorone

Concen: 45.08 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

Tot Ion: 82 Resp: 1160555

Ion Ratio Lower Upper

82 100

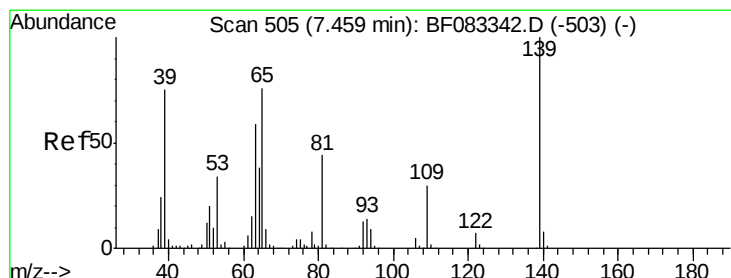
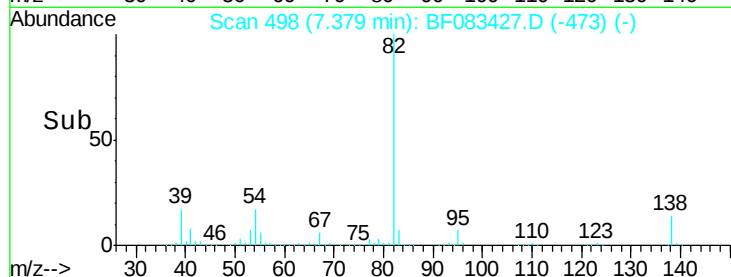
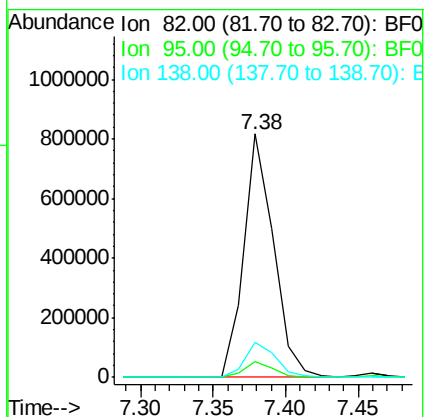
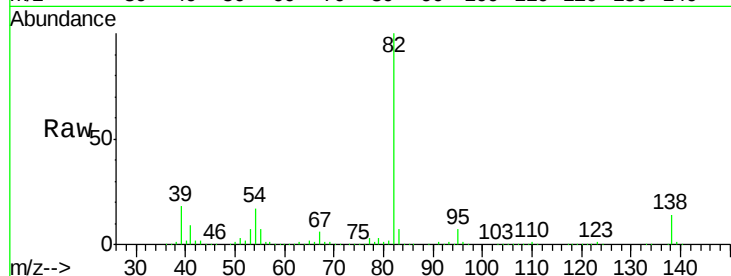
95 6.7 5.3 7.9

138 14.1 11.6 17.4

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#26

2-Nitrophenol

Concen: 50.62 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

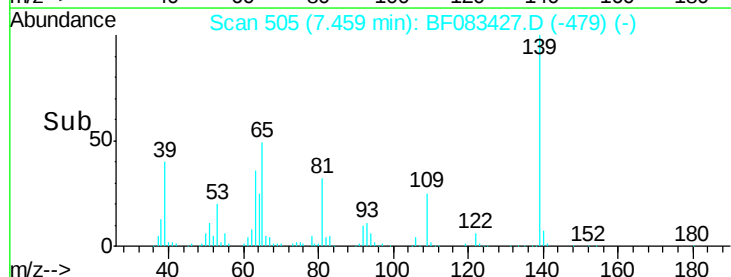
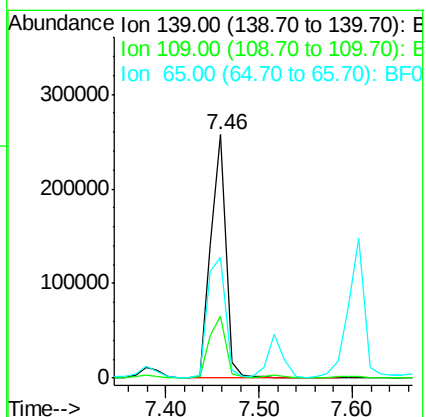
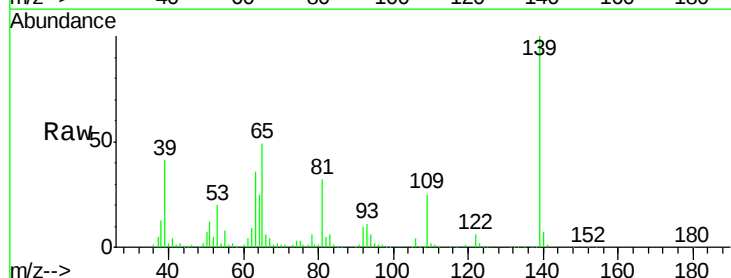
Tgt Ion: 139 Resp: 293252

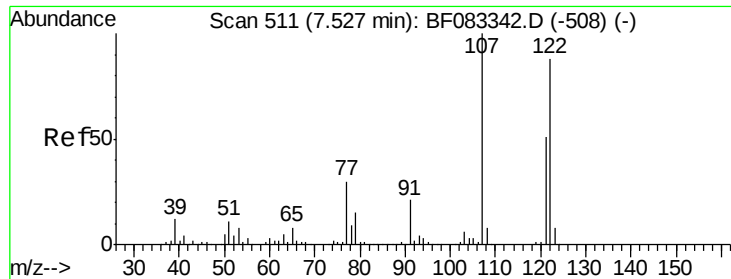
Ion Ratio Lower Upper

139 100

109 25.4 24.2 36.4

65 49.5 61.0 91.6#





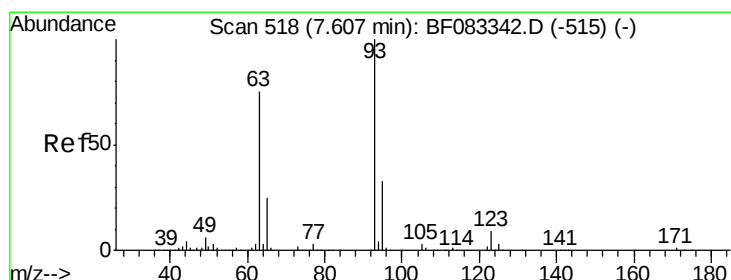
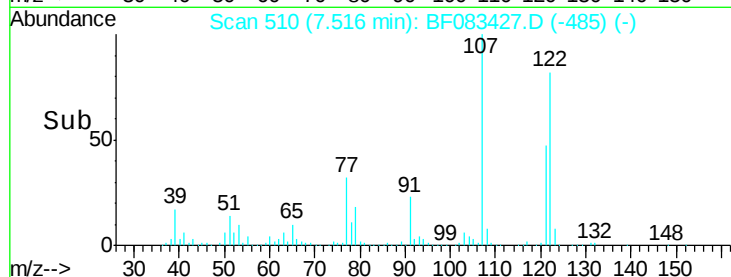
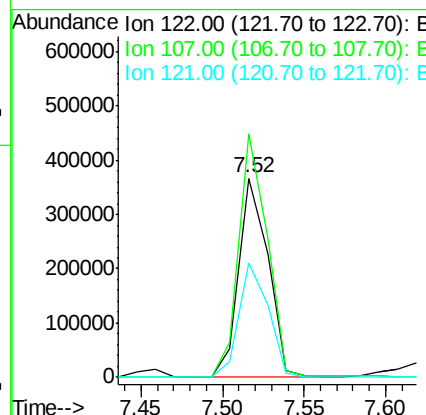
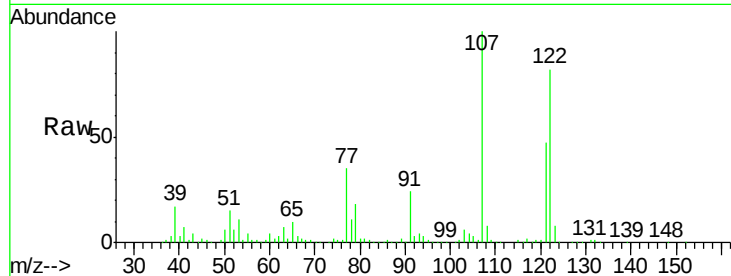
#27
 2,4-Dimethylphenol
 Concen: 47.01 ng
 RT: 7.52 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	122.4	91.2	136.8		
121	57.5	46.4	69.6		

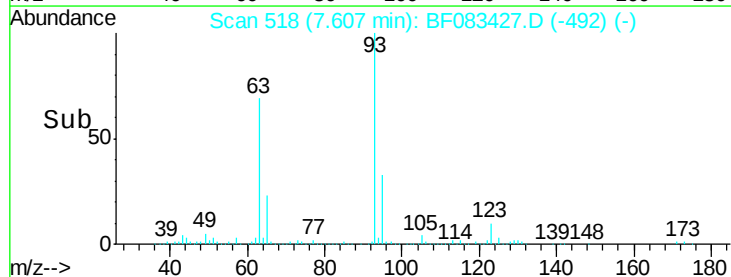
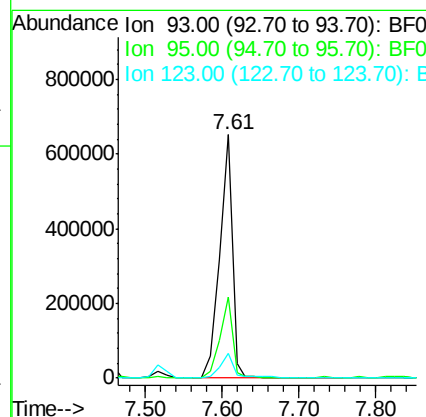
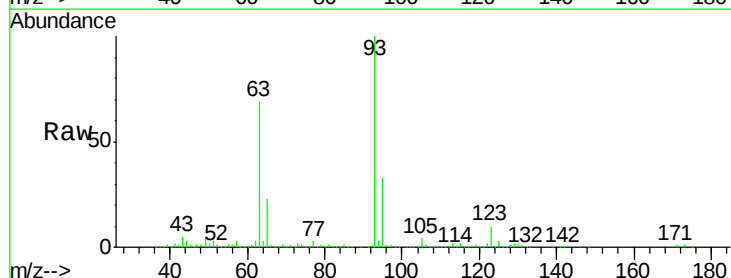
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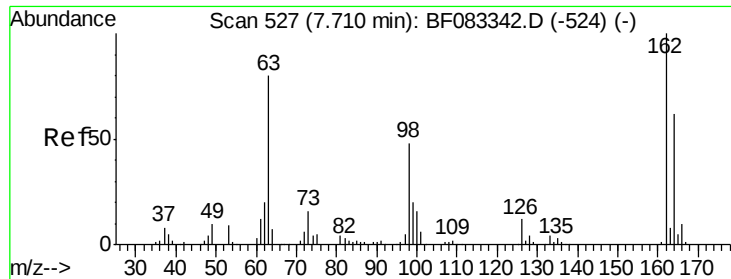
Mmdadoda
 12/3/2015 7:09:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.46 ng
 RT: 7.61 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.4	26.1	39.1		
123	10.1	7.4	11.0		





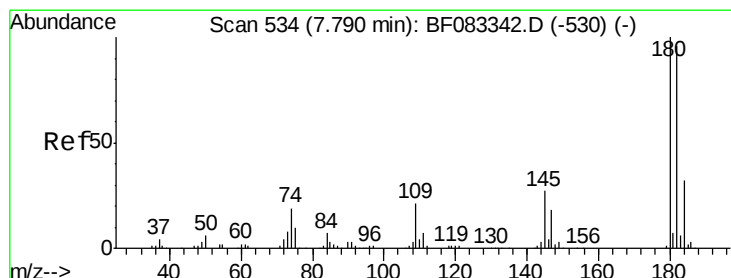
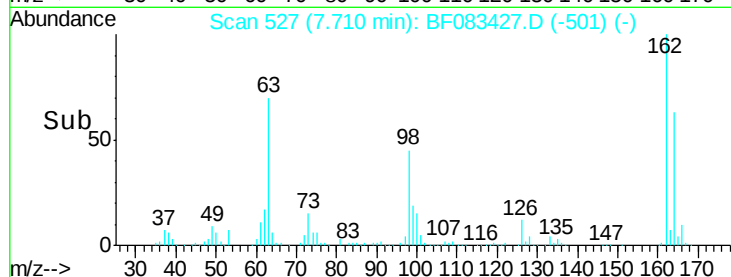
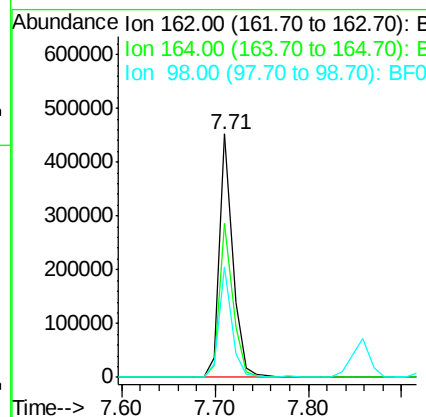
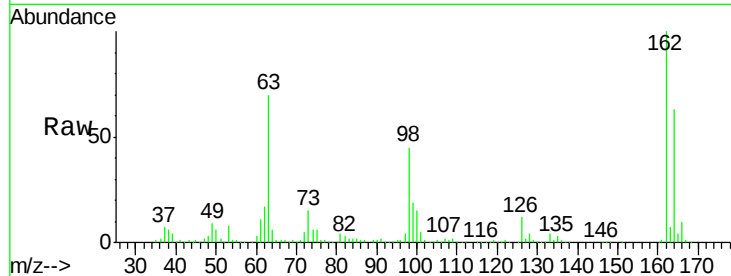
#29
 2,4-Dichlorophenol
 Concen: 48.56 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	453537		
164	63.5	41.9	81.9	
98	45.2	28.1	68.1	

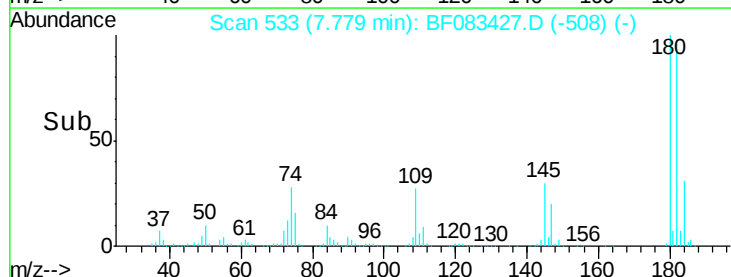
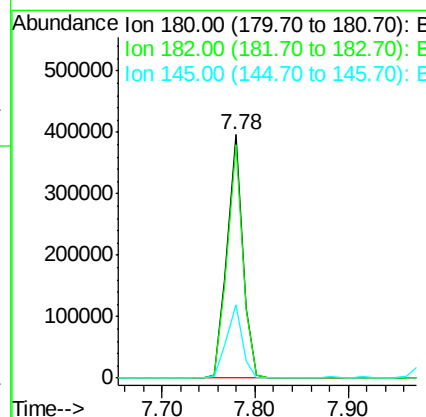
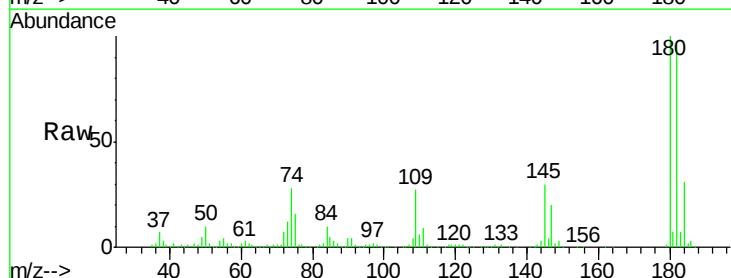
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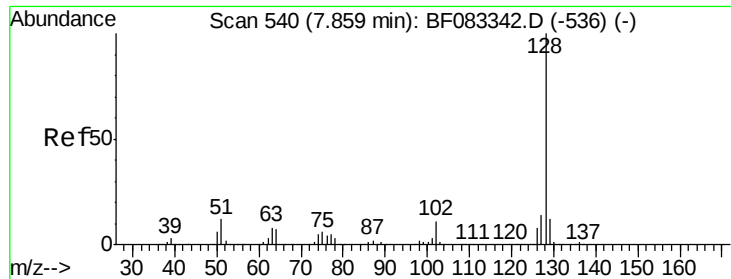
Mmdadoda
 12/3/2015 7:09:43 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.94 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	467026		
182	96.0	77.2	115.8	
145	30.4	21.4	32.2	





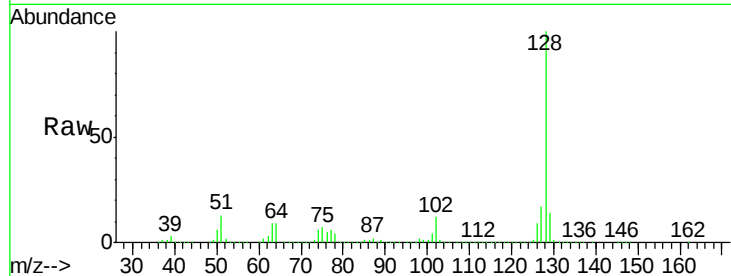
#31
Naphthalene
Concen: 170.35 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

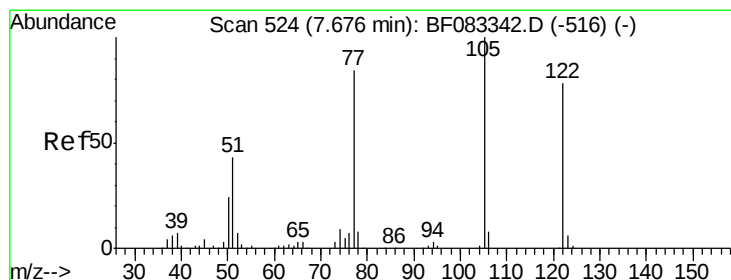
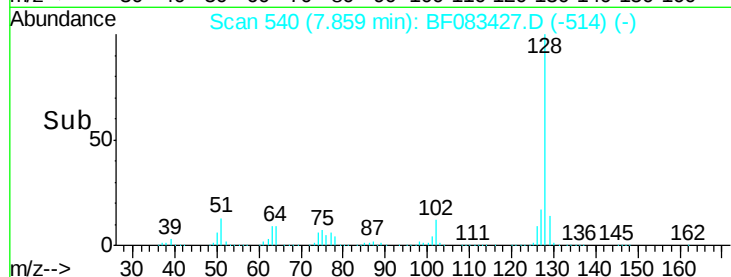
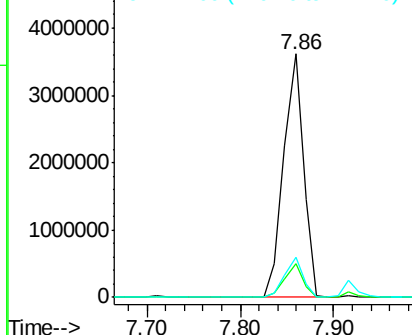
Tot Ion:128 Resp: 5399873
Ion Ratio Lower Upper
128 100
129 14.0 9.7 14.5
127 16.5 11.0 16.4#

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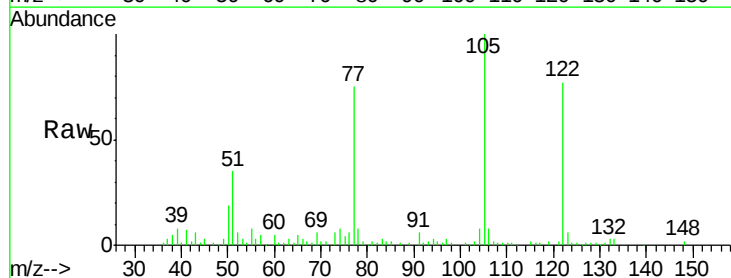


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

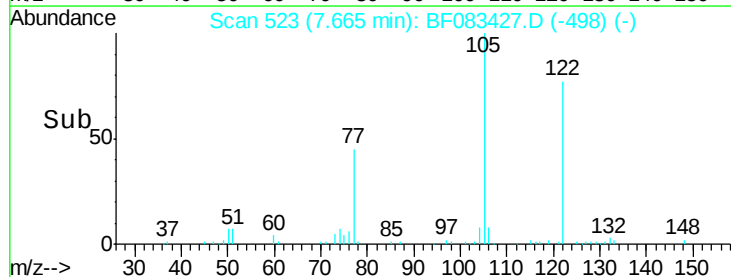
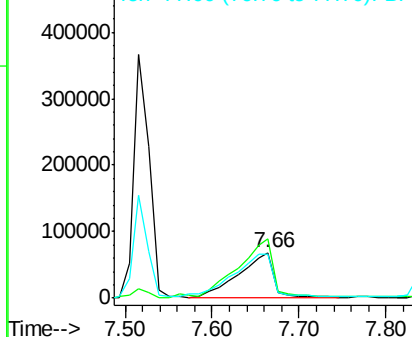


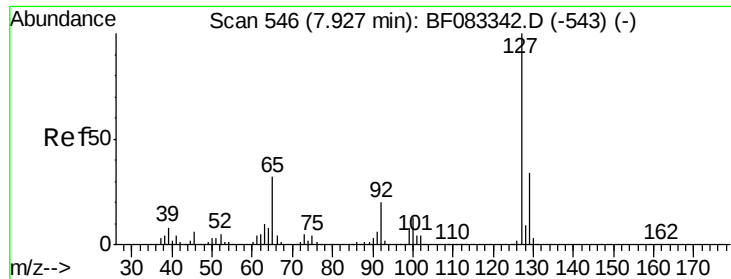
#32
Benzoic acid
Concen: 27.79 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:122 Resp: 186171
Ion Ratio Lower Upper
122 100
105 130.6 106.0 146.0
77 97.4 86.3 126.3



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





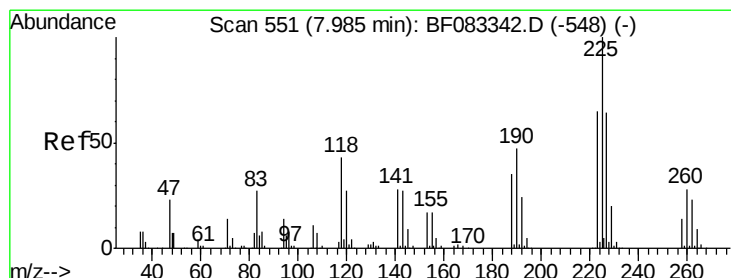
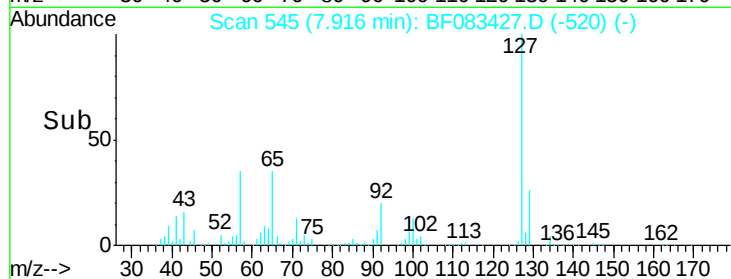
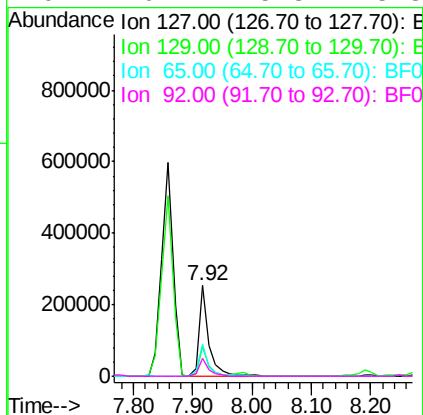
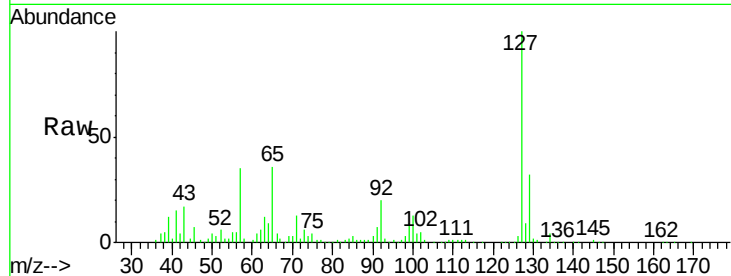
#33
 4-Chloroaniline
 Concen: 21.60 ng
 RT: 7.92 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4		27.0	40.4	
65	35.7		25.9	38.9	
92	20.1		15.8	23.8	

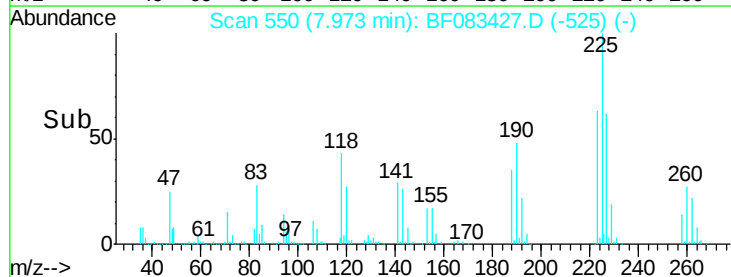
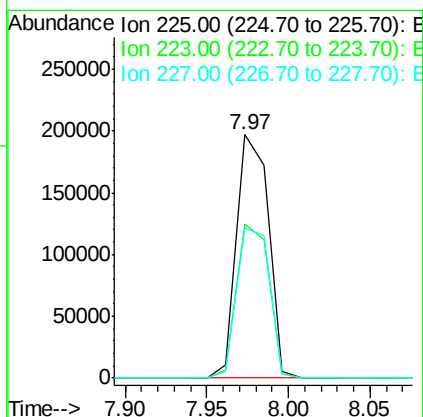
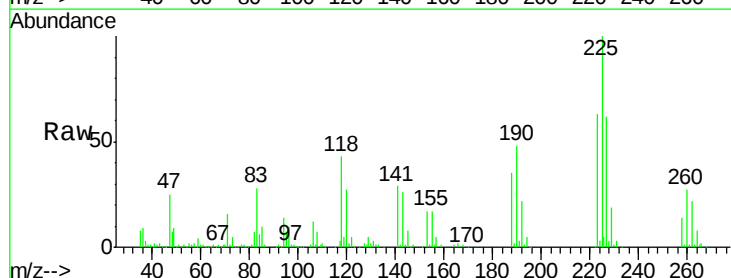
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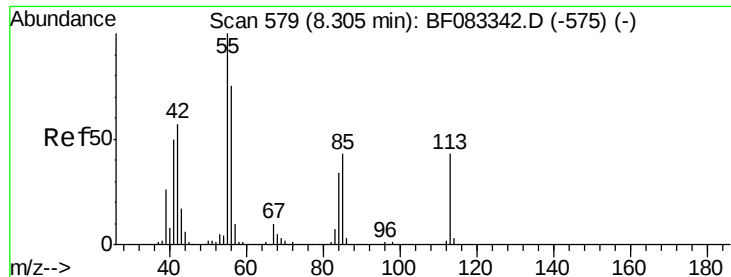
Mmdadoda
 12/3/2015 7:09:43 PM



#34
 Hexachlorobutadiene
 Concen: 45.89 ng
 RT: 7.97 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1		52.0	78.0	
227	61.6		51.1	76.7	





#35

Caprolactam

Concen: 52.05 ng/ml

RT: 8.29 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

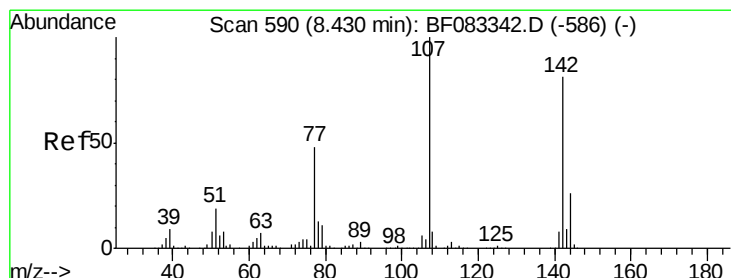
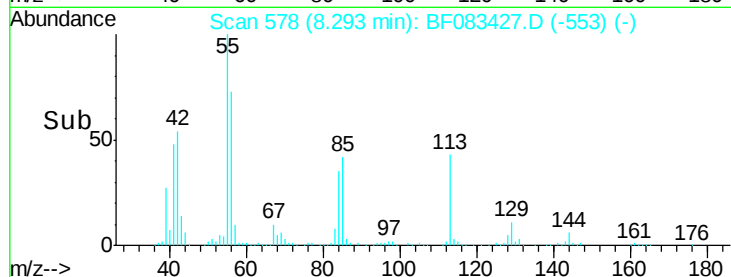
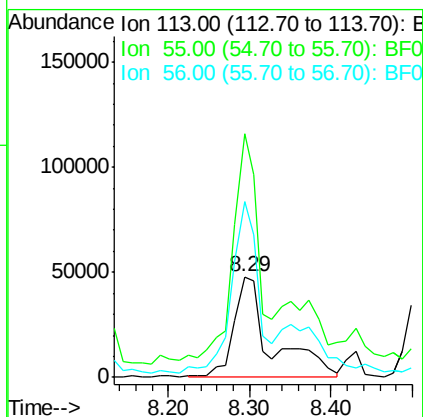
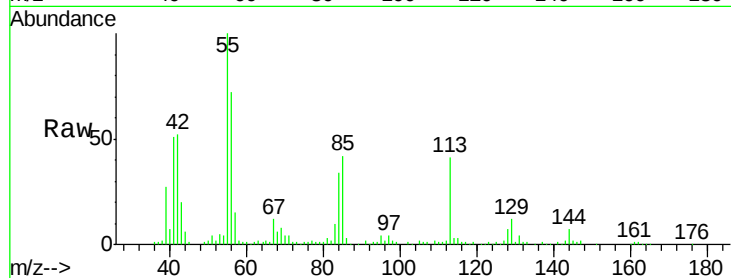
ClientSampleId :

SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	241.8	211.6	251.6
56	174.3	153.0	193.0

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#36

4-Chloro-3-methylphenol

Concen: 49.44 ng/ml

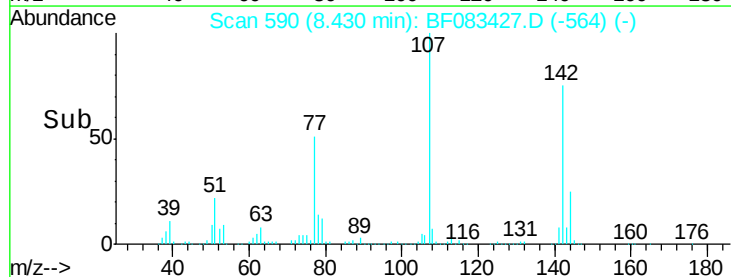
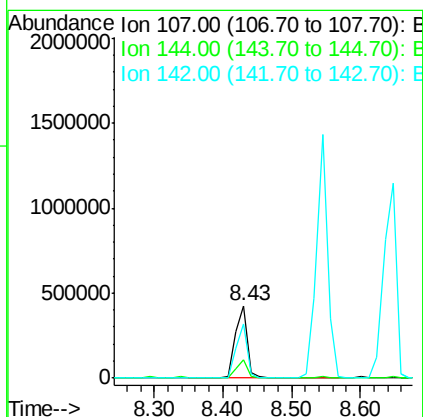
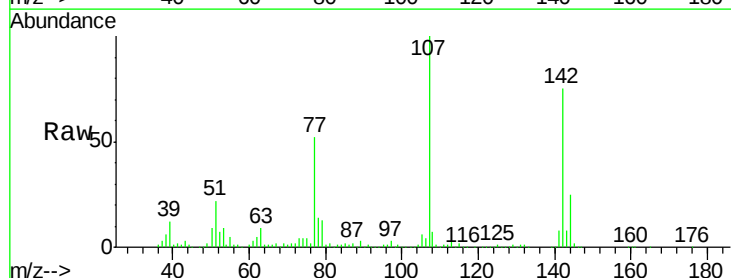
RT: 8.43 min Scan# 590

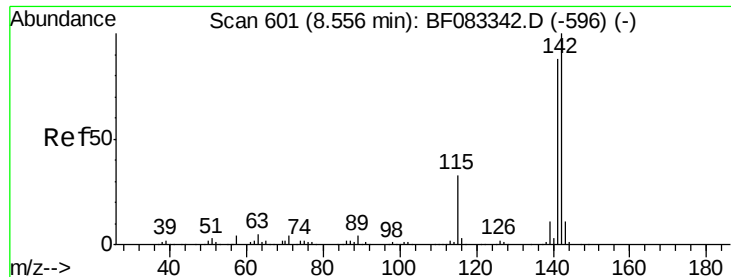
Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	21.1	31.7
142	74.7	65.1	97.7





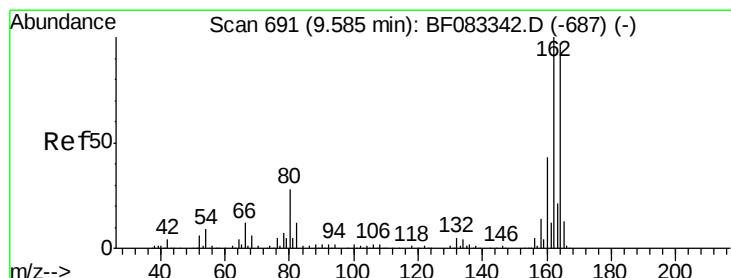
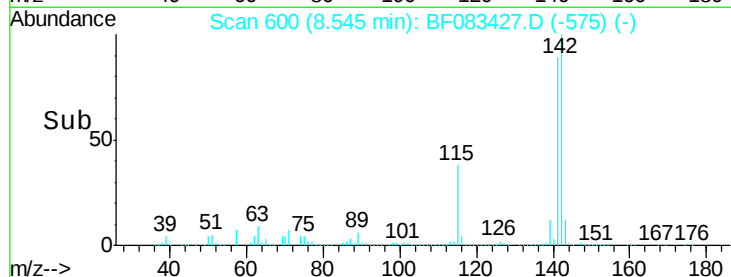
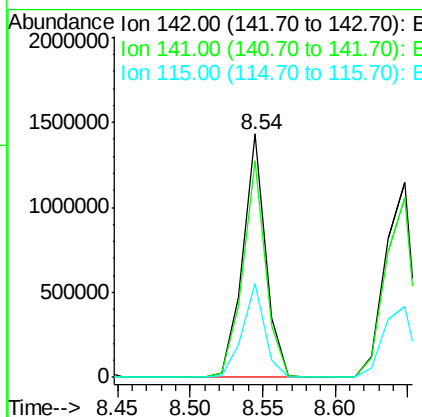
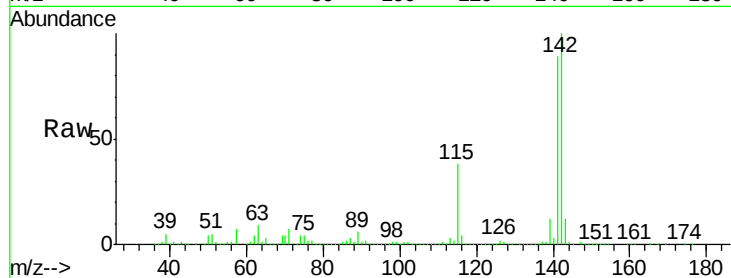
#37
2-Methylnaphthalene
Concen: 73.80 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.6	105.8
115	38.5	26.2	39.2

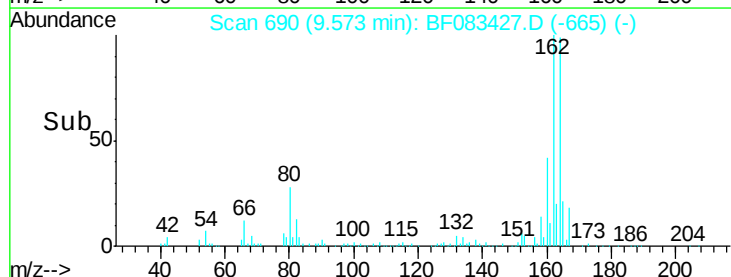
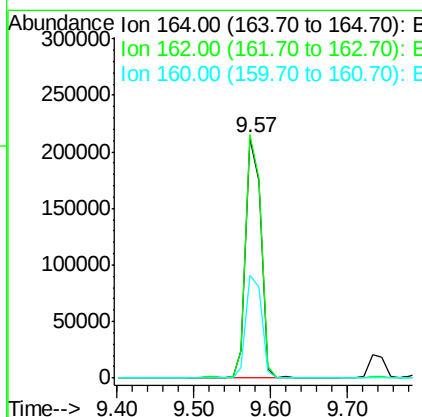
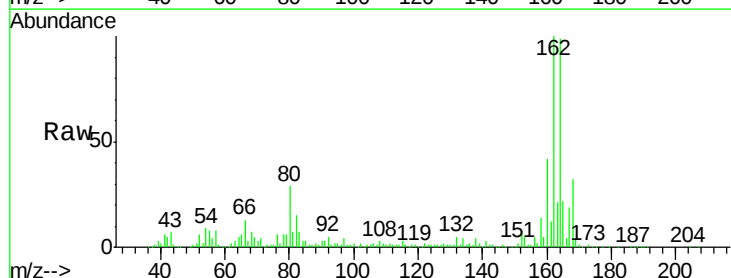
Manual Integrations
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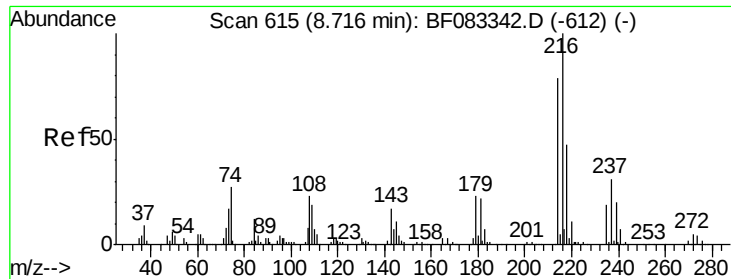
Mmdadoda
12/3/2015 7:09:43 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	42.7	35.3	52.9





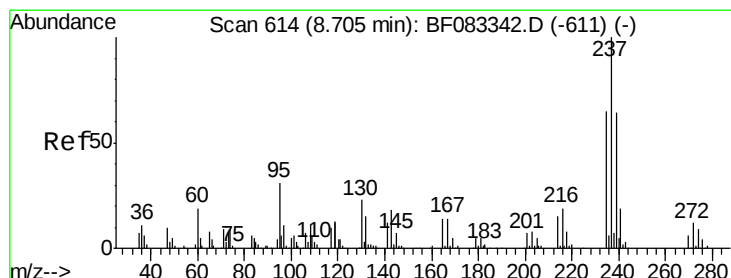
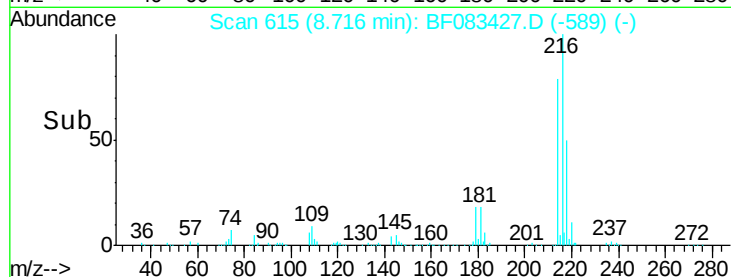
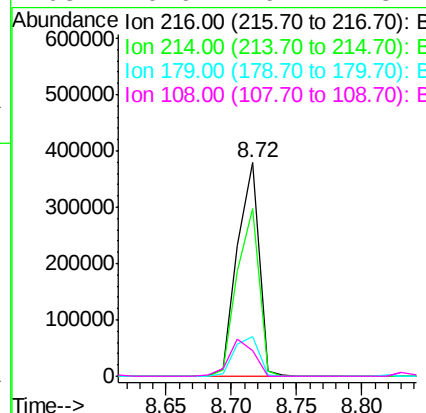
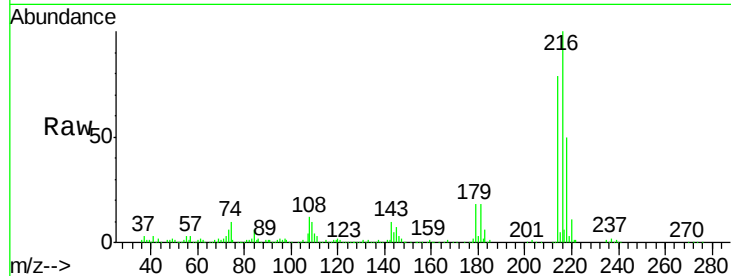
#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.36 ng
RT: 8.72 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion:	216	Resp:	437684
Ion Ratio	Lower	Upper	
216	100		
214	79.2	62.3	93.5
179	21.3	17.0	25.4
108	19.9	16.7	25.1

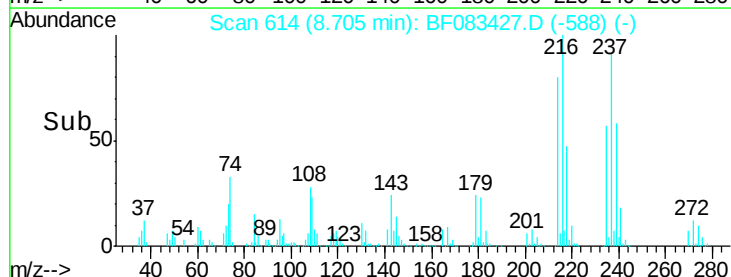
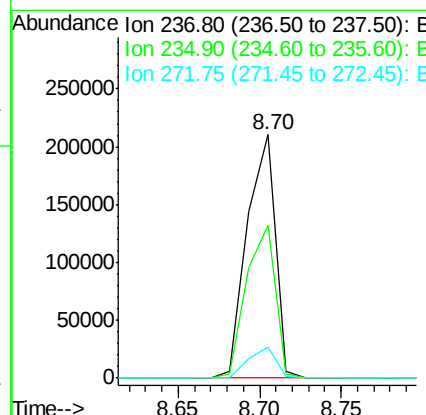
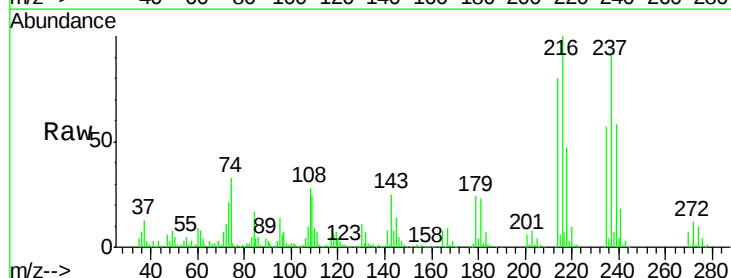
Manual Integrations
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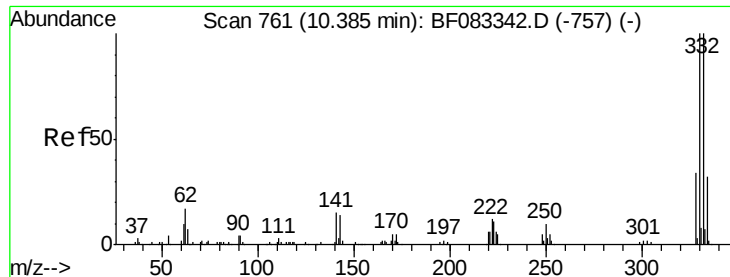
Mmdadoda
12/3/2015 7:09:43 PM



#40
Hexachlorocyclopentadiene
Concen: 57.39 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:	237	Resp:	251912
Ion Ratio	Lower	Upper	
237	100		
235	62.6	44.5	84.5
272	12.7	0.0	31.6





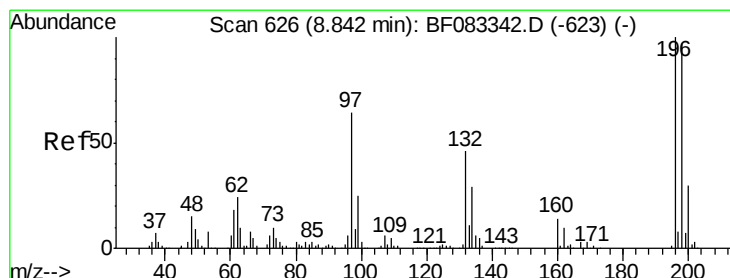
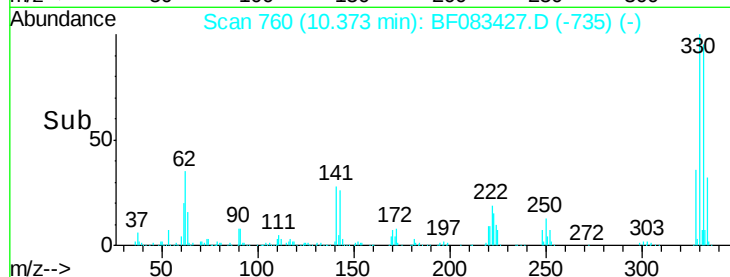
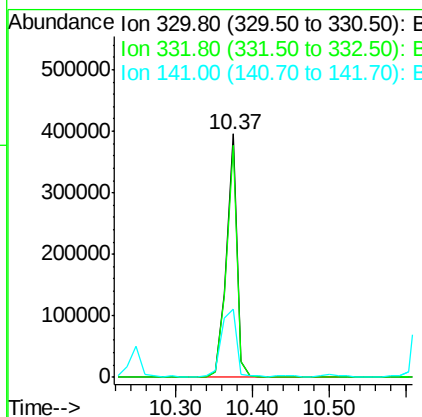
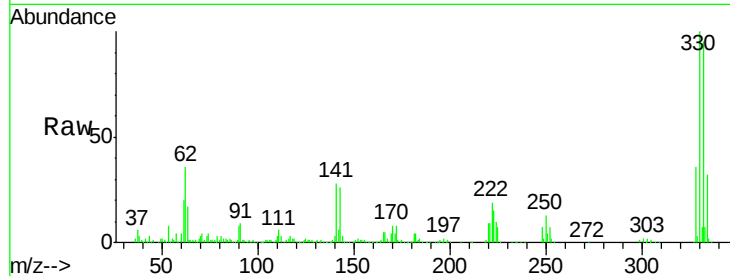
#41
 2,4,6-Tribromophenol
 Concen: 135.44 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.8	116.6	
141	38.3	29.4	44.0	

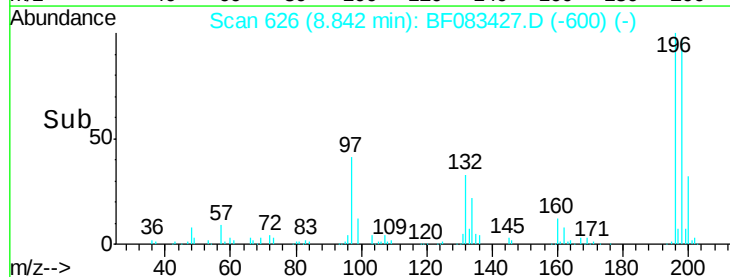
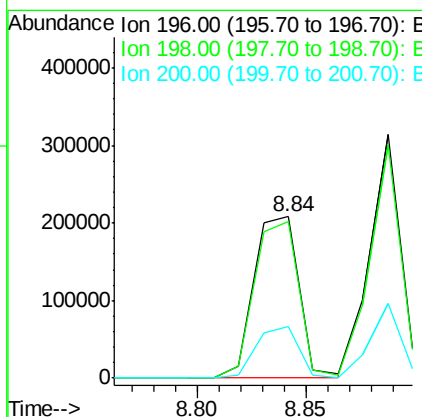
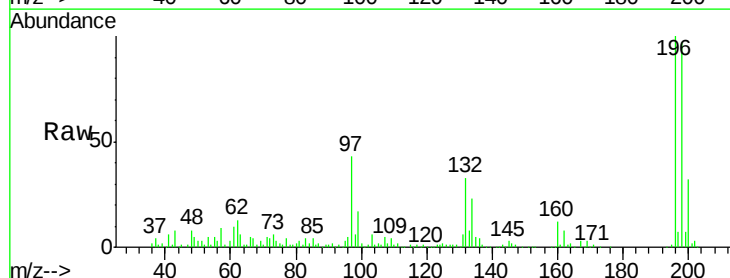
Manual Integrations
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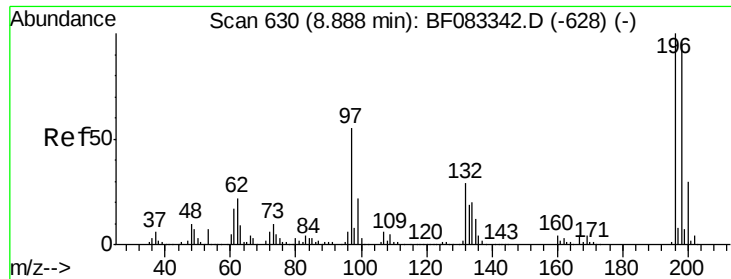
Mmdadoda
 12/3/2015 7:09:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.45 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

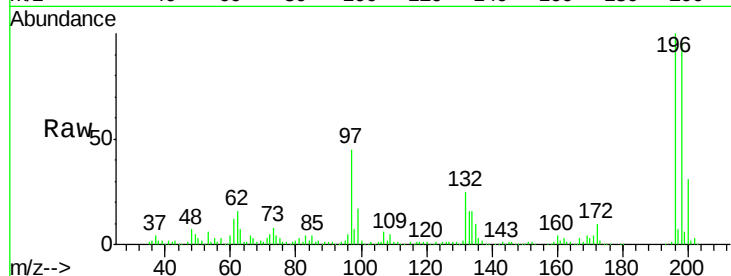
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.4	77.2	115.8	
200	31.6	24.2	36.4	





#43
 2,4,5-Trichlorophenol
 Concen: 47.18 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

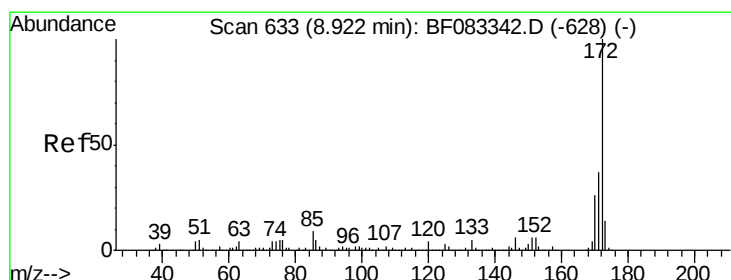
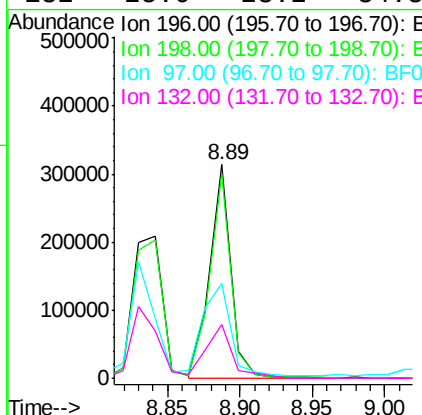
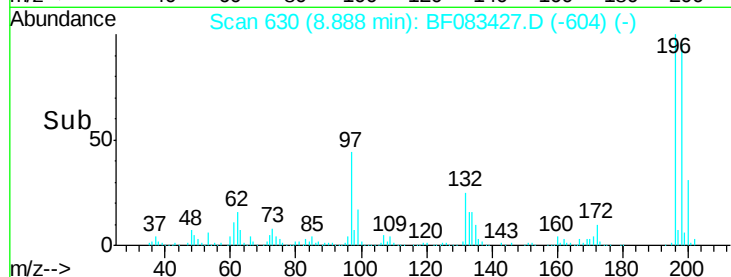
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD



Tot Ion:	196	Resp:	316834
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.2	115.8
97	44.6	44.4	66.6
132	25.0	23.2	34.8

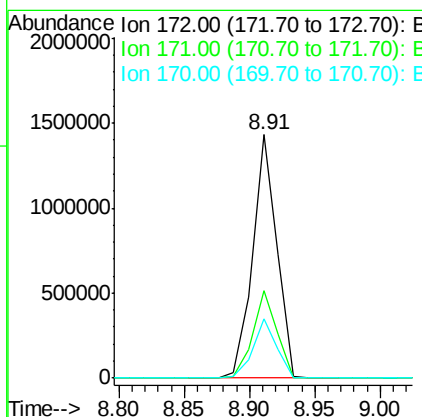
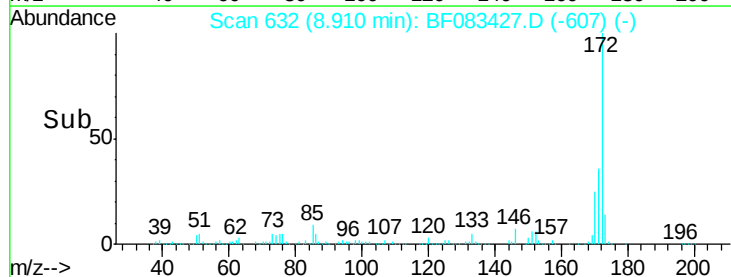
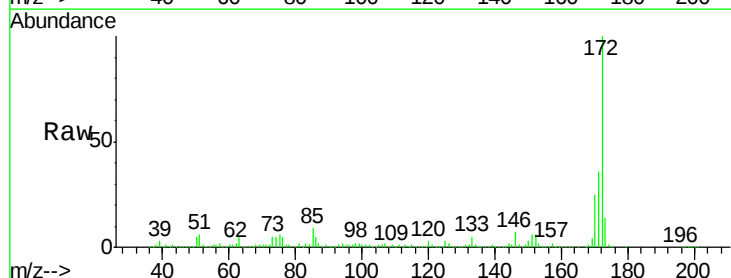
Manual Integrations
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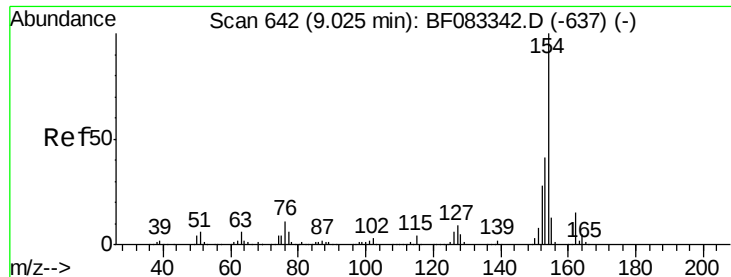
Mmdadoda
 12/3/2015 7:09:43 PM



#44
 2-Fluorobiphenyl
 Concen: 89.86 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:	172	Resp:	1838295
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.0
170	24.5	20.4	30.6





#45

1,1'-Biphenyl

Concen: 58.53 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

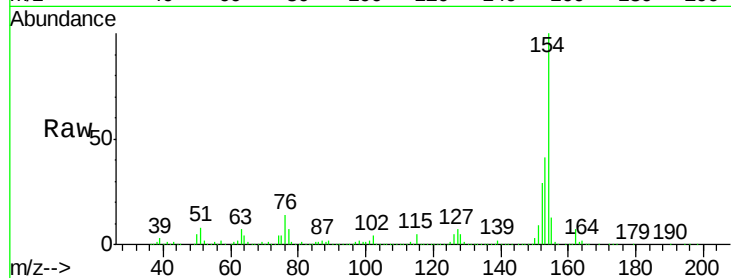
ClientSampleId :

SB-P3WC-10(6-11)MSD

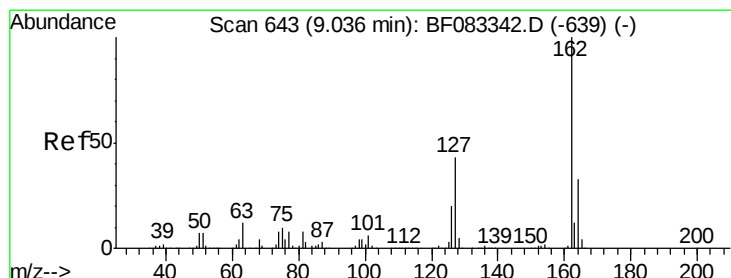
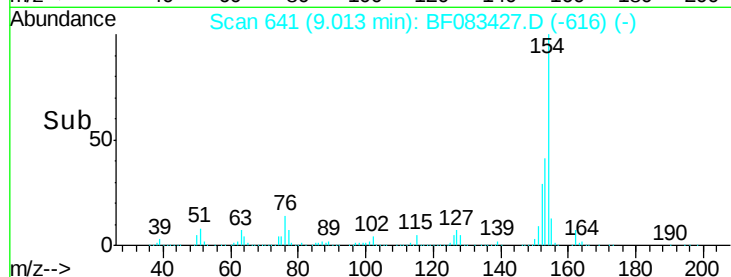
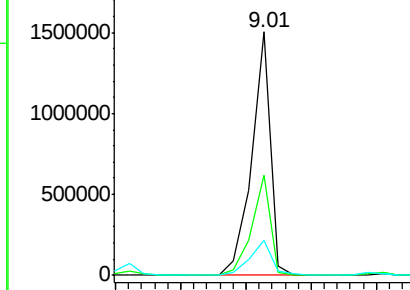
Tot Ion:	154	Resp:	1496361
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.6	60.6
76	14.4	0.0	30.5

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



#46

2-Chloronaphthalene

Concen: 46.45 ng

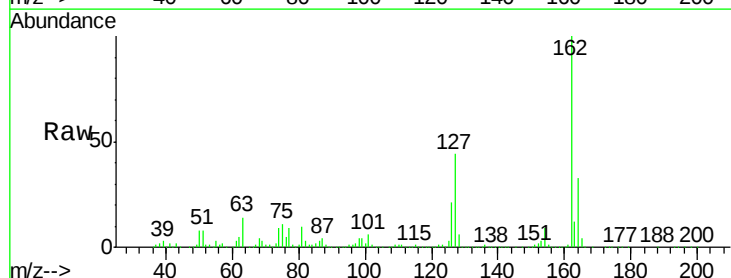
RT: 9.02 min Scan# 642

Delta R.T. -0.01 min

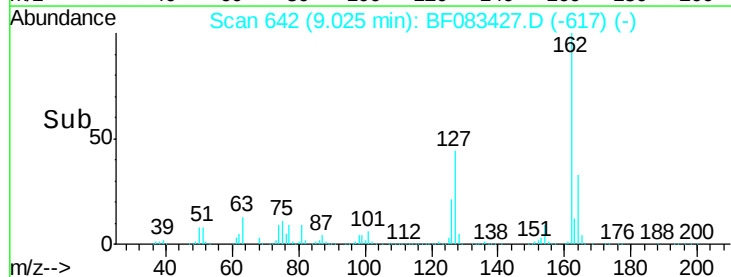
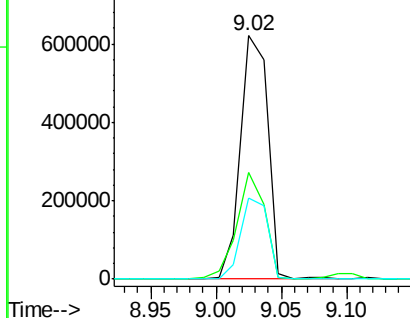
Lab File: BF083427.D

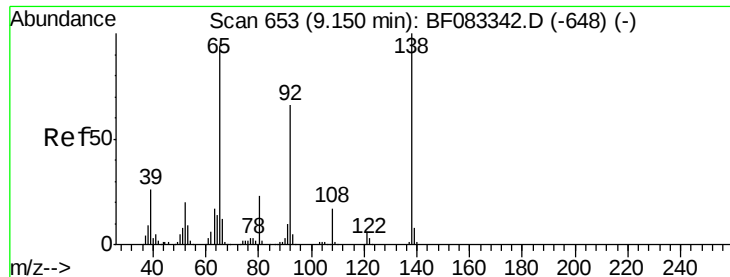
Acq: 2 Dec 2015 19:47

Tgt Ion:	162	Resp:	904797
Ion Ratio	Lower	Upper	
162	100		
127	43.6	34.1	51.1
164	33.3	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





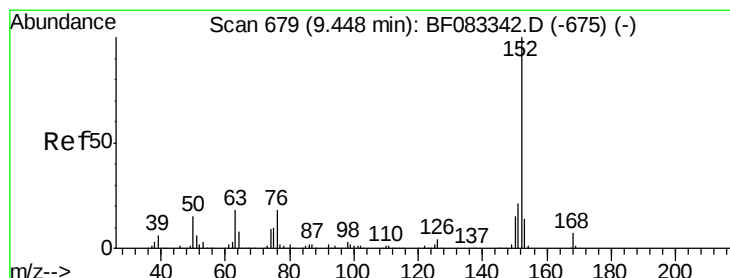
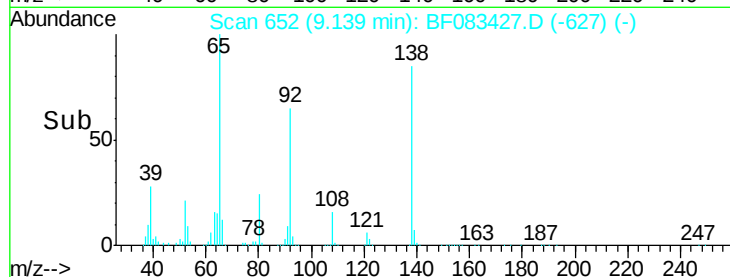
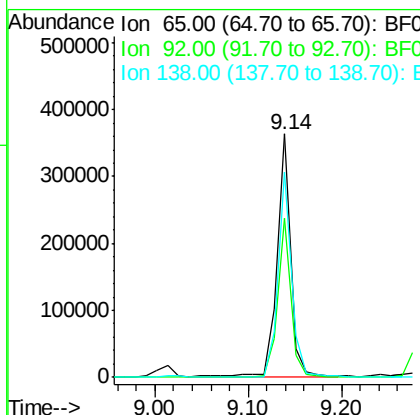
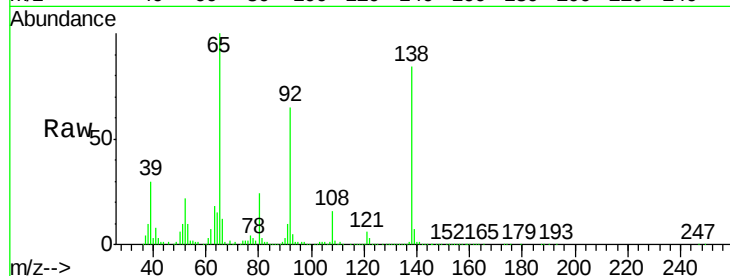
#47
2-Nitroaniline
Concen: 47.14 ng
RT: 9.14 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	56.2	84.4
138	84.4	85.4	128.0

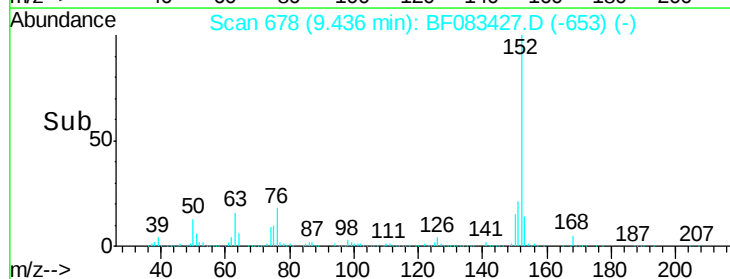
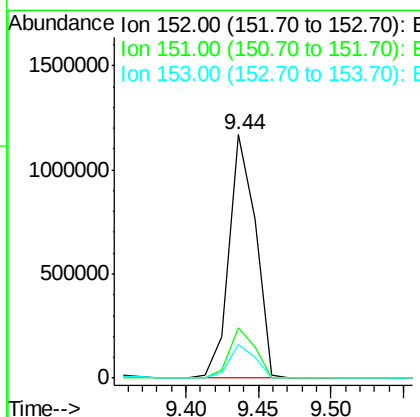
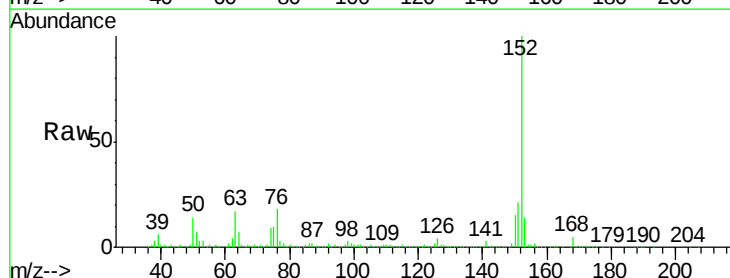
Manual Integrations
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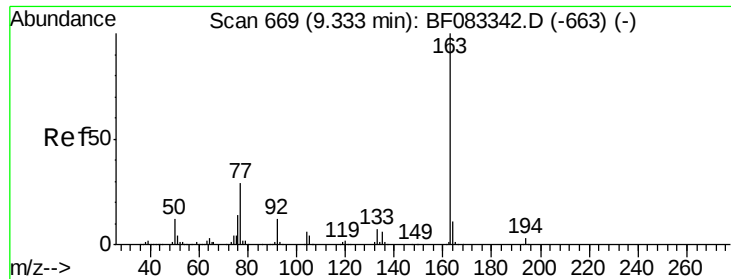
Mmdadoda
12/3/2015 7:09:43 PM



#48
Acenaphthylene
Concen: 47.66 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	14.1	11.2	16.8





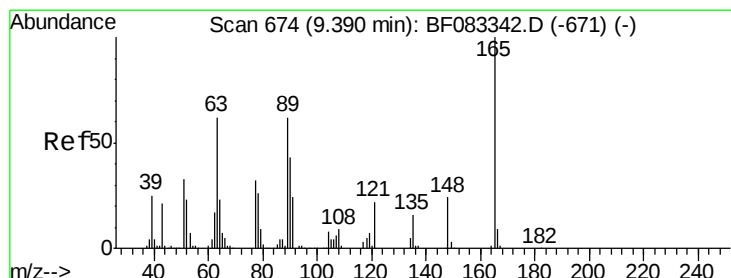
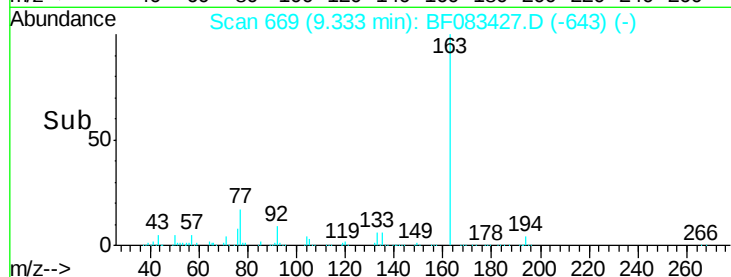
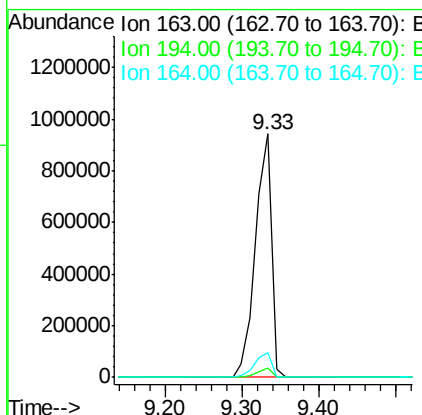
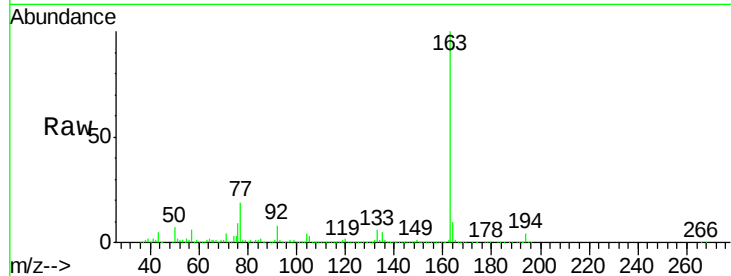
#49
Dimethylphthalate
Concen: 57.01 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	8.8	13.2

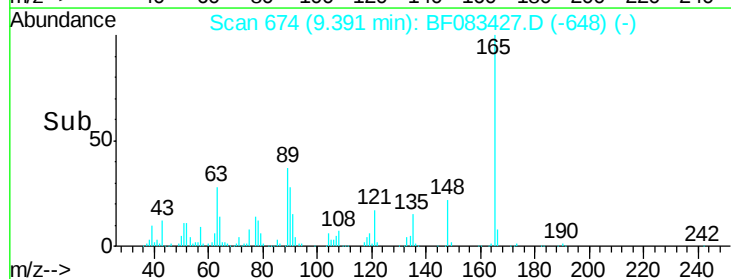
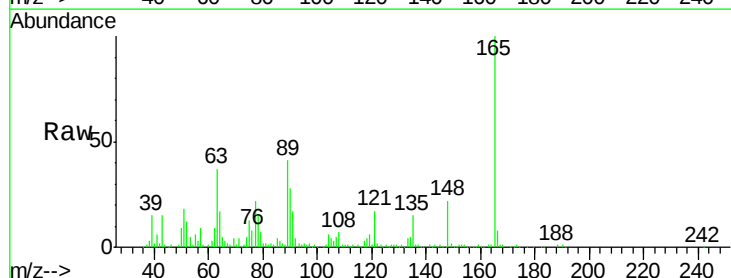
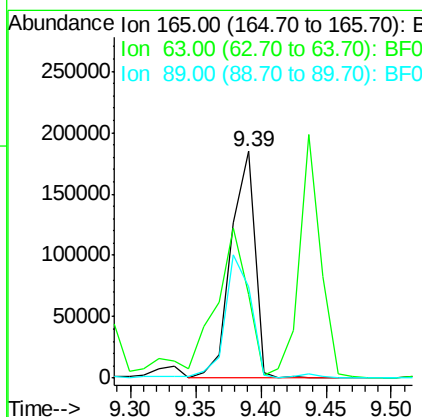
Manual Integrations
APPROVED

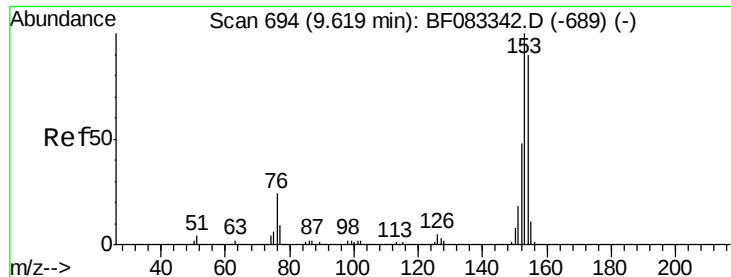
Mmdadoda
12/3/2015 7:09:43 PM



#50
2,6-Dinitrotoluene
Concen: 46.00 ng
RT: 9.39 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.7	56.0	84.0#
89	40.5	49.8	74.8#





#51

Acenaphthene

Concen: 102.57 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

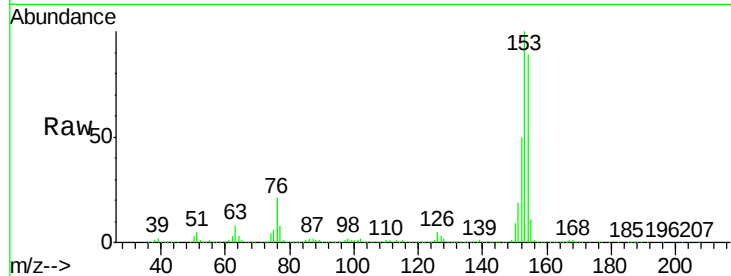
ClientSampleId :

SB-P3WC-10(6-11)MSD

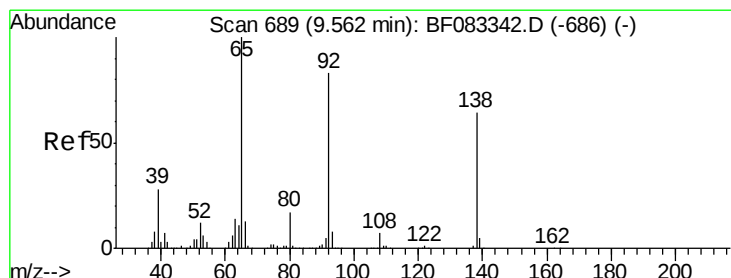
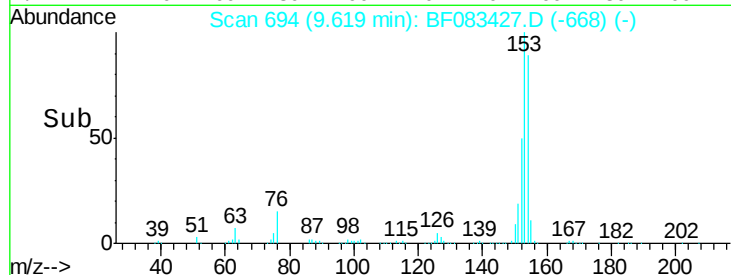
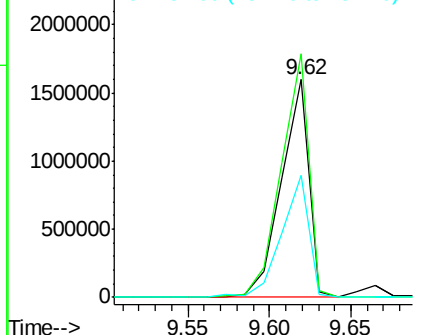
Manual Integrations
APPROVED

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12/3/2015 7:09:43 PM

Tot Ion:	154	Resp:	1874678
Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.3	133.9
152	55.9	42.5	63.7



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



#52

3-Nitroaniline

Concen: 27.70 ng

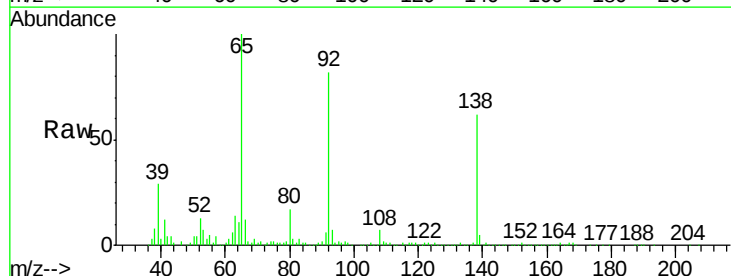
RT: 9.55 min Scan# 688

Delta R.T. -0.01 min

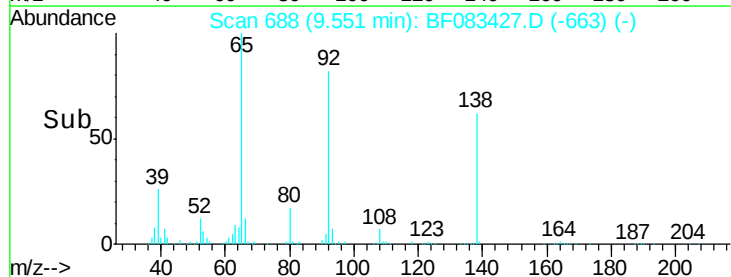
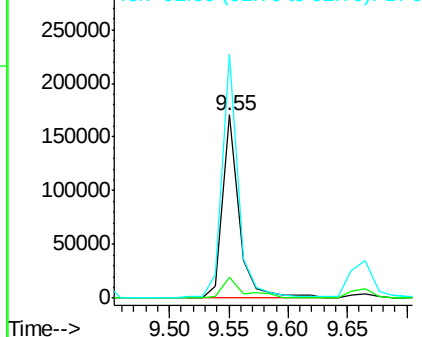
Lab File: BF083427.D

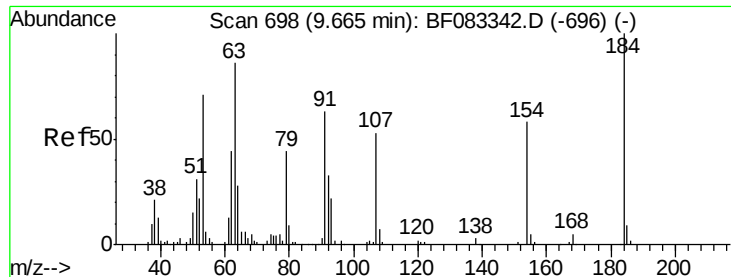
Acq: 2 Dec 2015 19:47

Tgt Ion:	138	Resp:	164275
Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.4	12.6
92	133.1	104.2	156.4



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





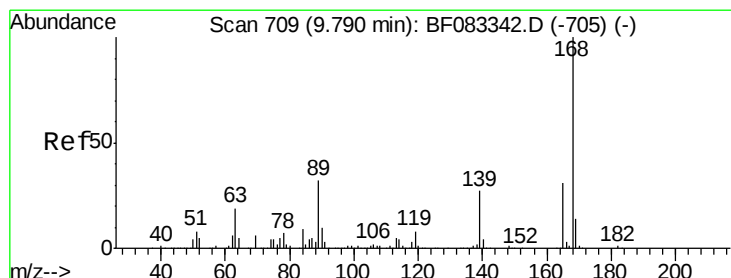
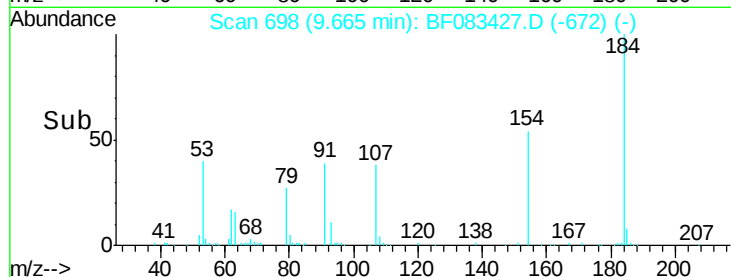
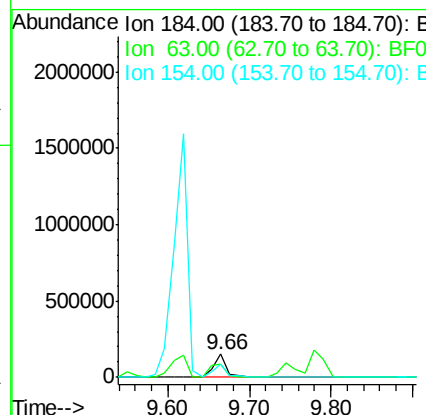
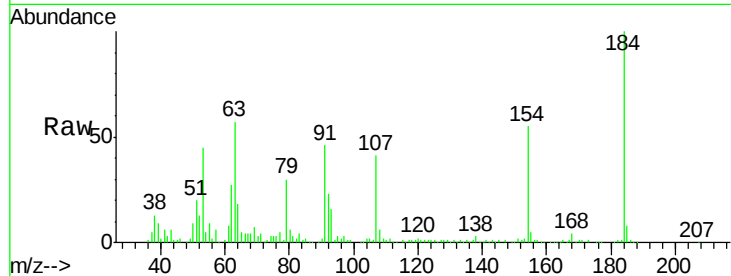
#53
2,4-Dinitrophenol
Concen: 58.62 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.4	69.0	103.6#
154	55.3	50.0	75.0

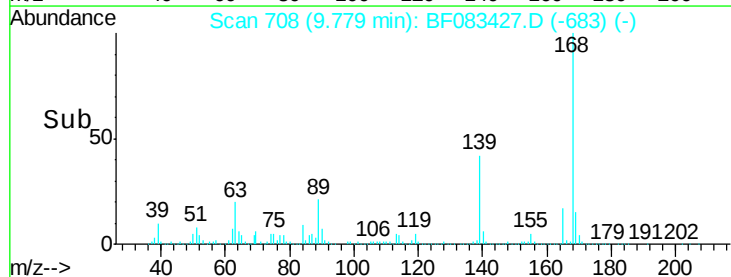
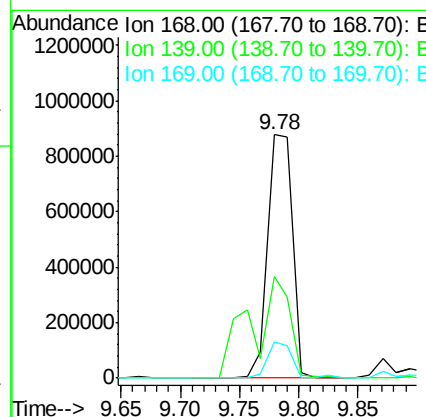
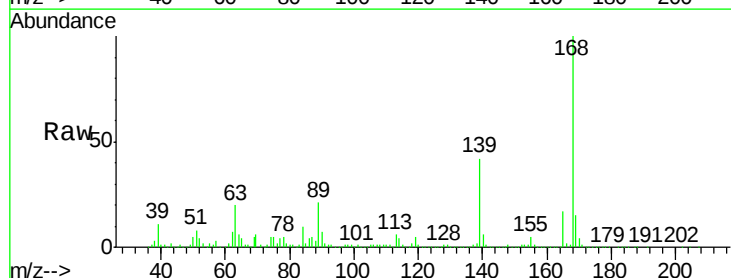
Manual Integrations
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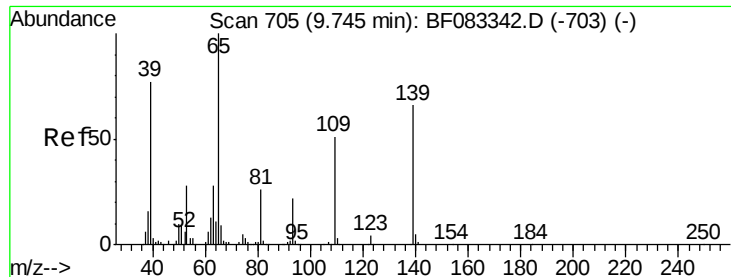
Mmdadoda
12/3/2015 7:09:43 PM



#54
Dibenzofuran
Concen: 47.86 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.6	32.7	49.1
169	14.7	11.1	16.7





#55

4-Nitrophenol

Concen: 98.50 ng/mL

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

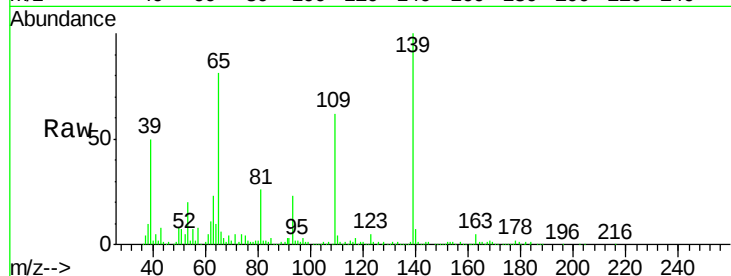
ClientSampleId :

SB-P3WC-10(6-11)MSD

Tot Ion:	139	Resp:	365366
Ion Ratio	Lower	Upper	
139	100		
109	61.8	57.4	97.4
65	80.6	131.6	171.6#

Manual Integrations
APPROVED

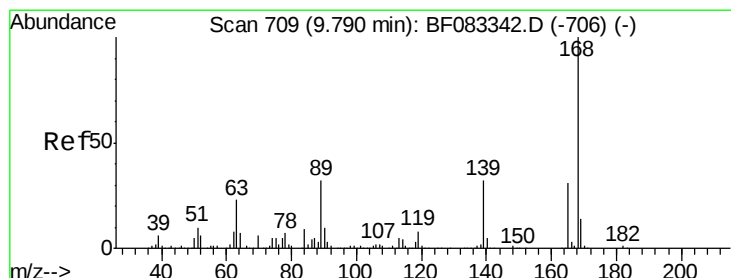
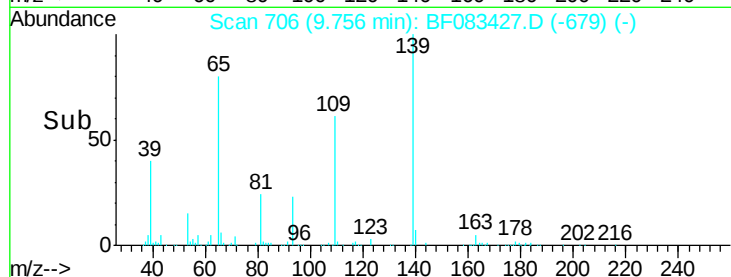
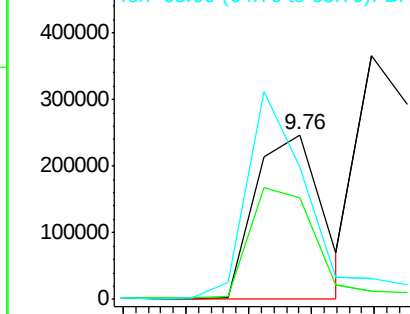
Mmdadoda
12/3/2015 7:09:43 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.50 ng/mL

RT: 9.79 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

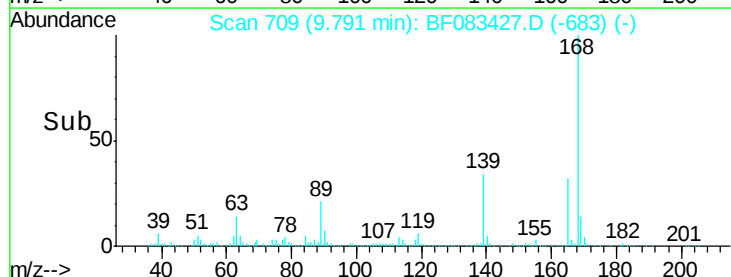
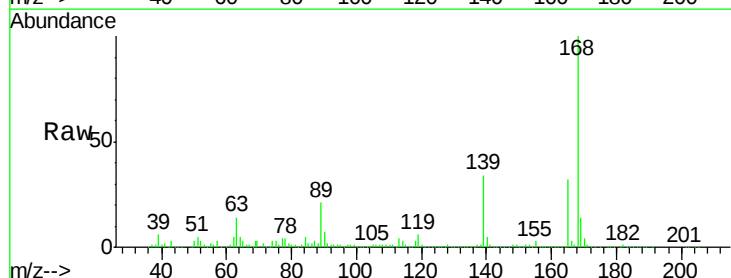
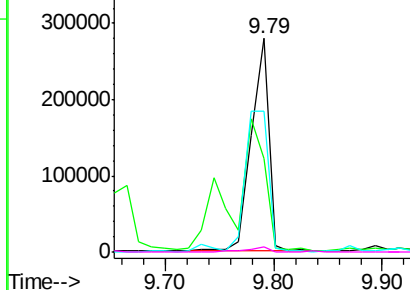
Tgt Ion:	165	Resp:	317793
Ion Ratio	Lower	Upper	
165	100		
63	43.5	65.4	98.0#
89	66.2	81.2	121.8#
182	2.5	1.8	2.8

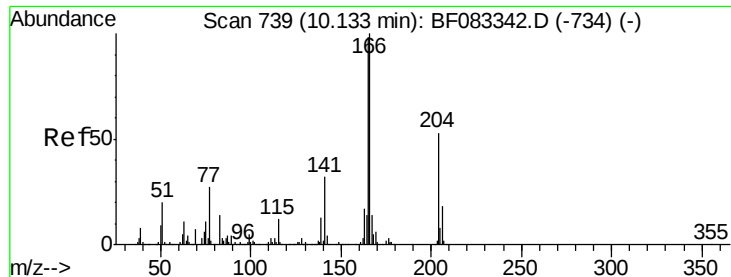
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





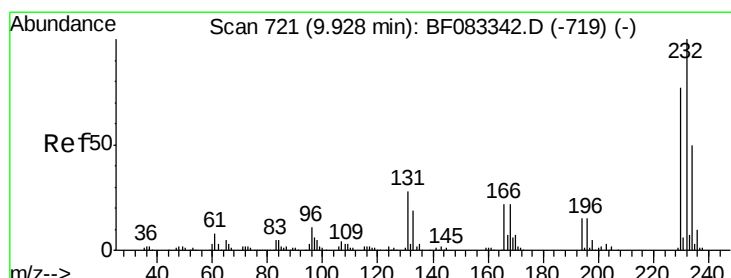
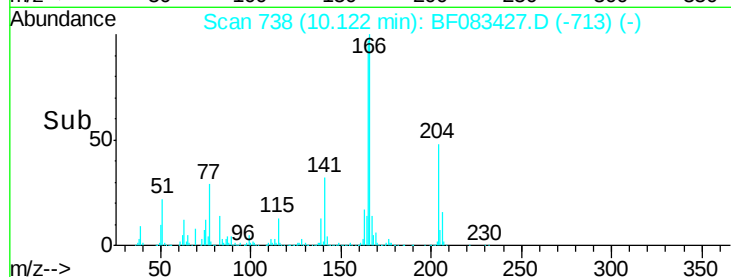
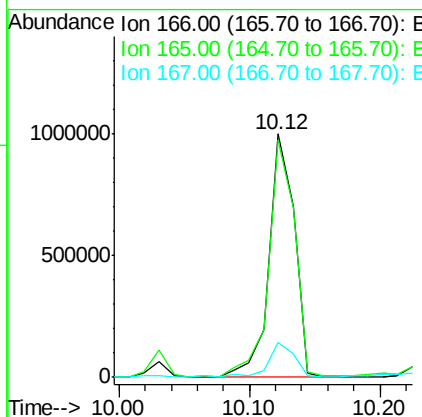
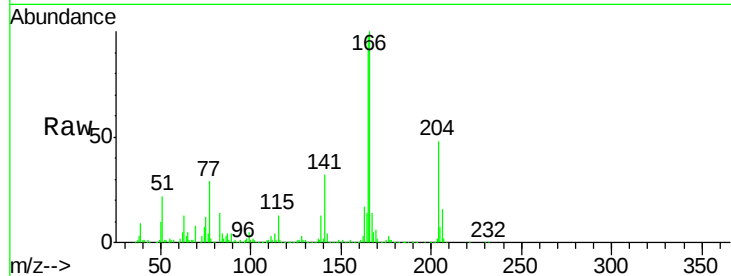
#57
 Fluorene
 Concen: 64.72 ng
 RT: 10.12 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.3	117.5
167	14.4	11.1	16.7

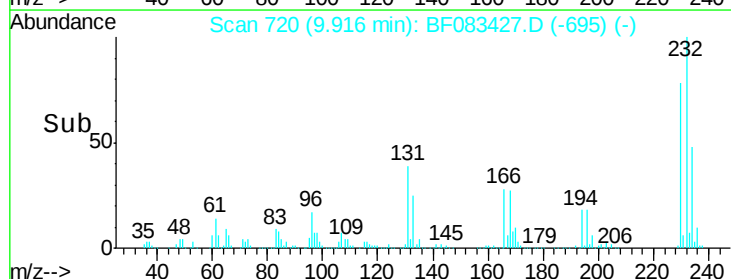
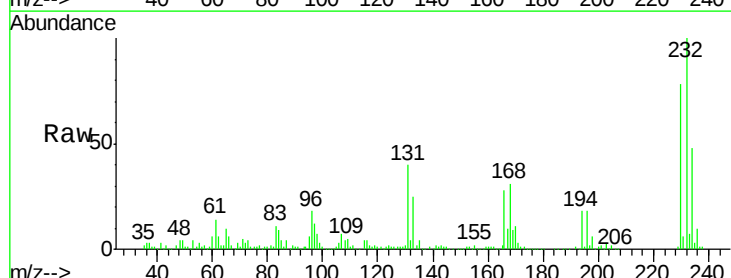
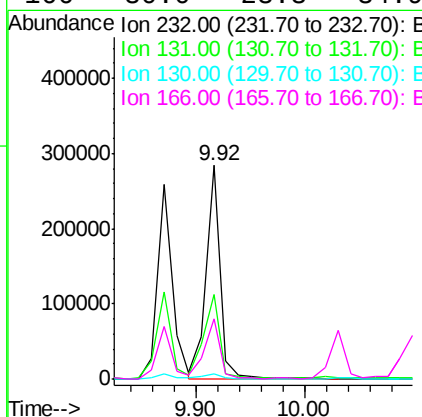
Manual Integrations
 APPROVED

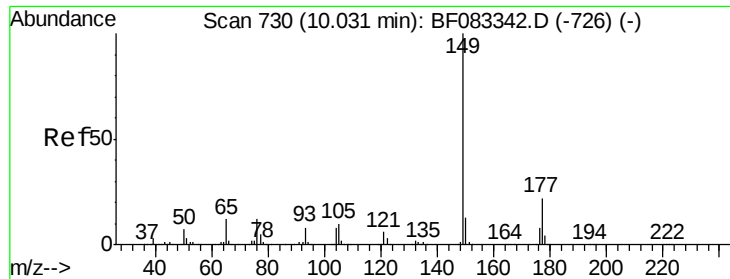
Mmdadoda
 12/3/2015 7:09:43 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.46 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.4	53.2
130	2.5	1.7	2.5
166	30.0	23.3	34.9





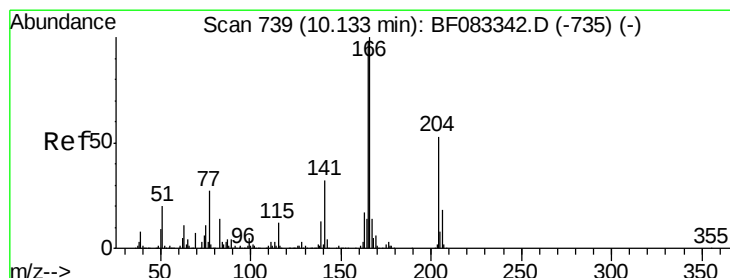
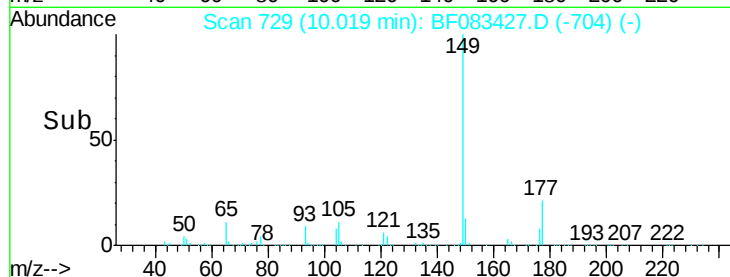
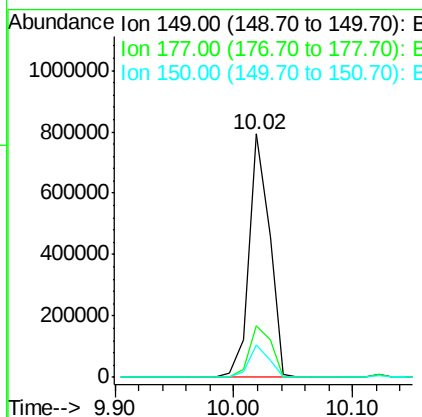
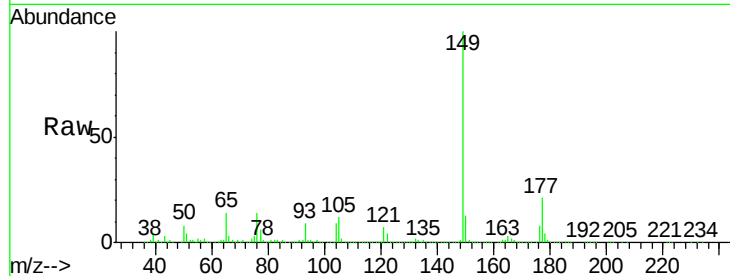
#59
Diethylphthalate
Concen: 42.49 ng
RT: 10.02 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	959359		
177	21.0		17.4	26.2
150	13.3		10.4	15.6

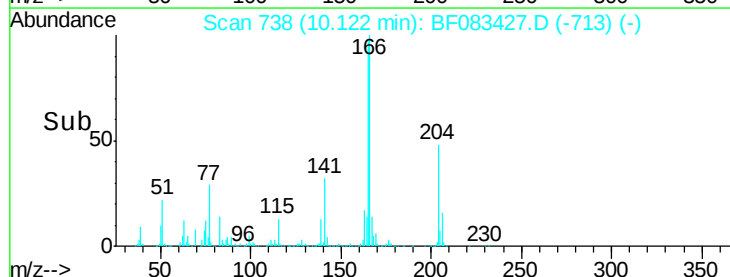
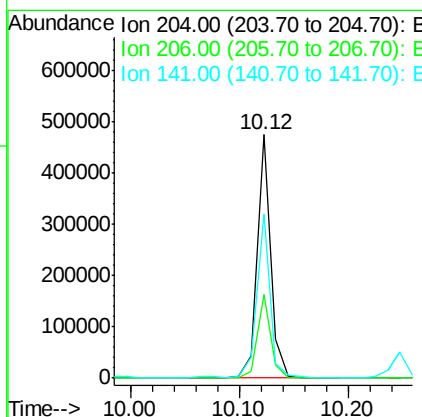
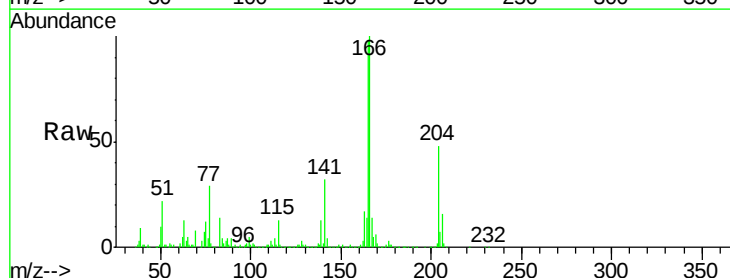
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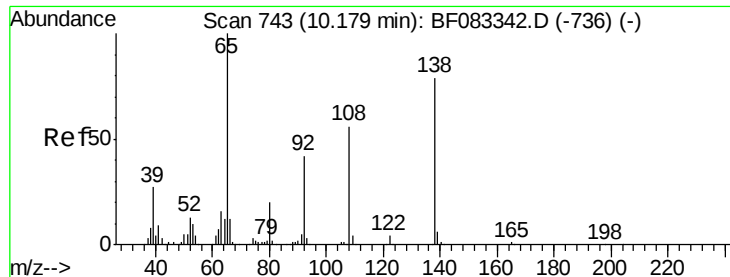
Mmdadoda
12/3/2015 7:09:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.49 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	412876		
206	34.2		27.5	41.3
141	67.6		48.1	72.1





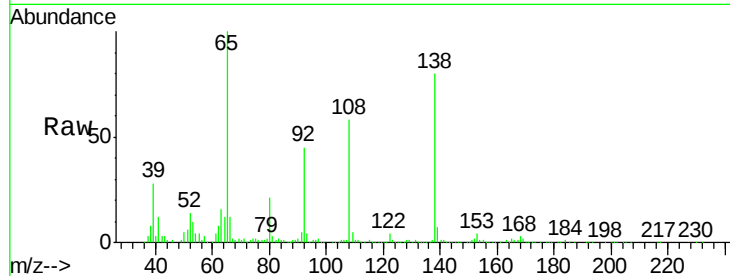
#61
4-Nitroaniline
Concen: 40.62 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

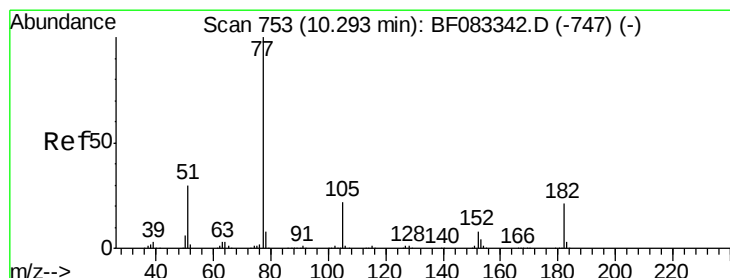
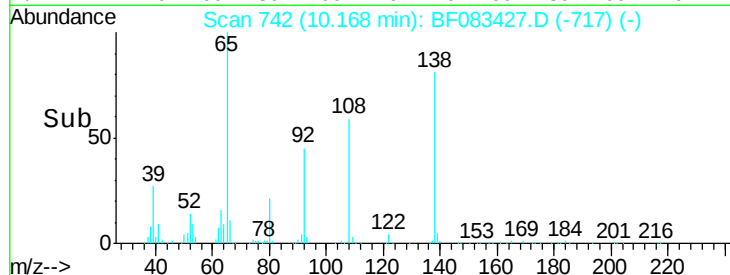
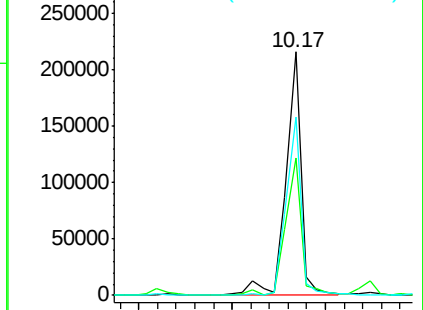
Tot Ion	Ratio	Lower	Upper
138	100		
92	56.3	33.6	73.6
108	73.3	51.0	91.0

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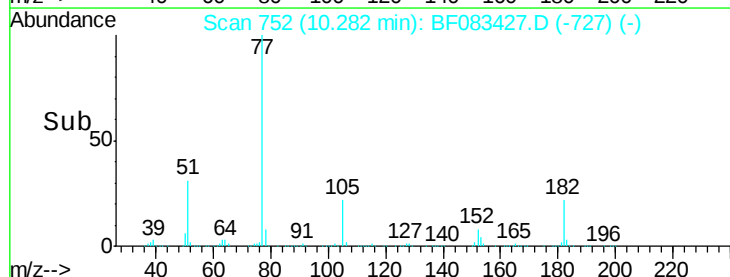
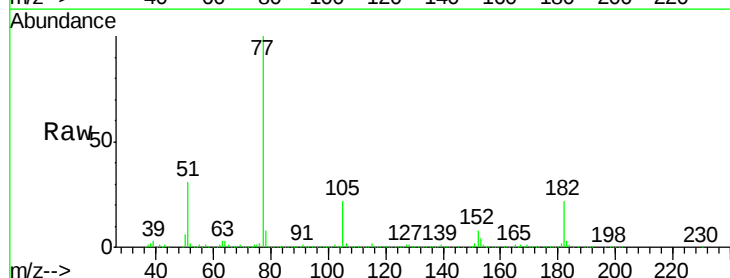
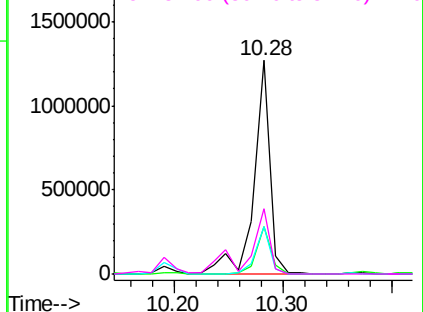
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

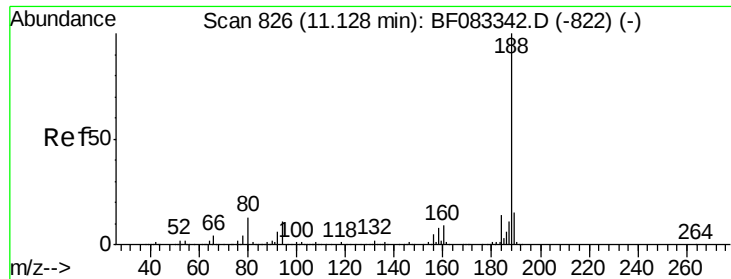


#62
Azobenzene
Concen: 47.42 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.2	0.8	40.8
105	22.0	2.3	42.3
51	30.8	10.6	50.6

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





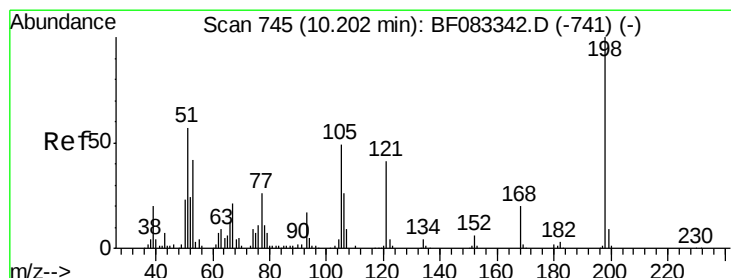
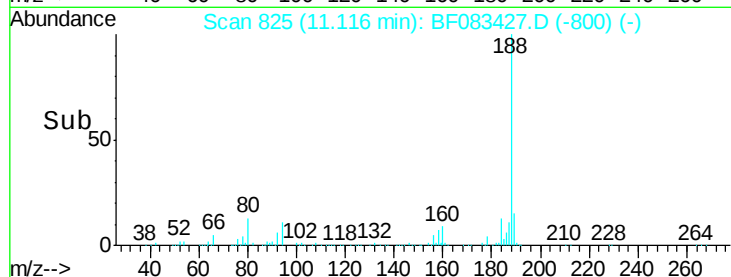
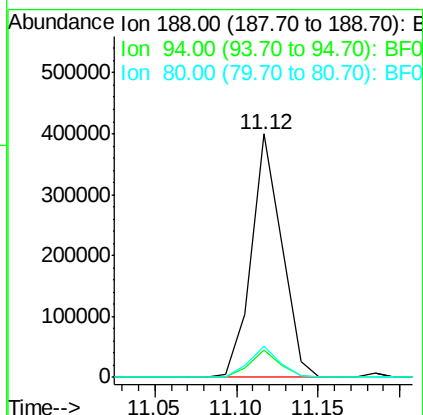
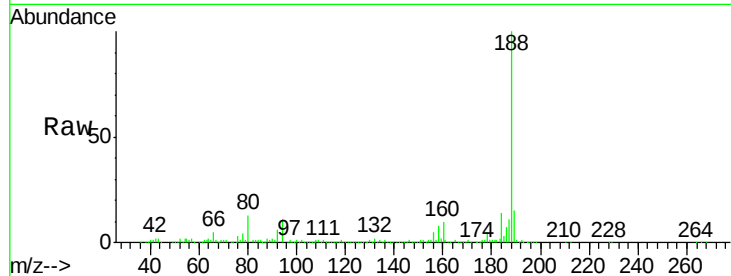
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.4	8.7	13.1	
80	12.8	10.3	15.5	

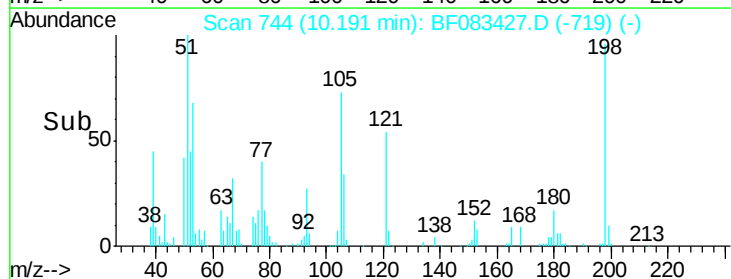
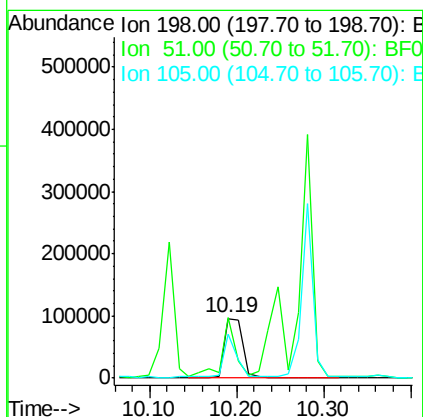
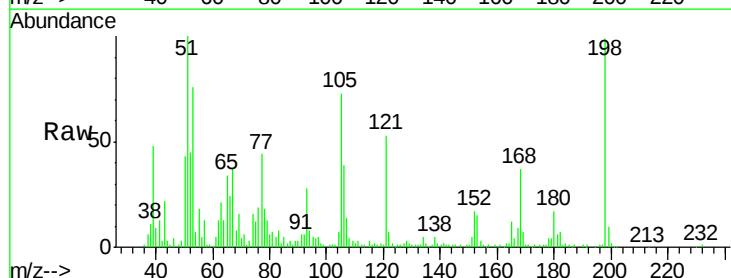
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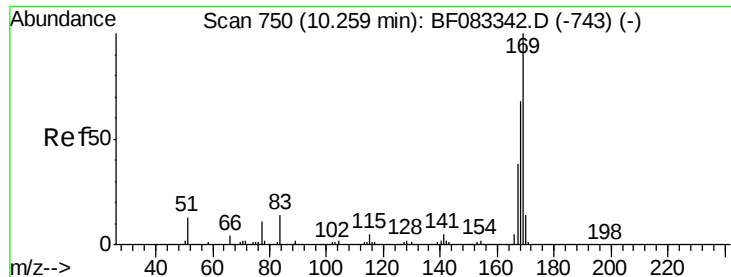
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.88 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	101.3	38.3	78.3#	
105	74.4	29.2	69.2#	





#65

n-Nitrosodiphenylamine

Concen: 49.31 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

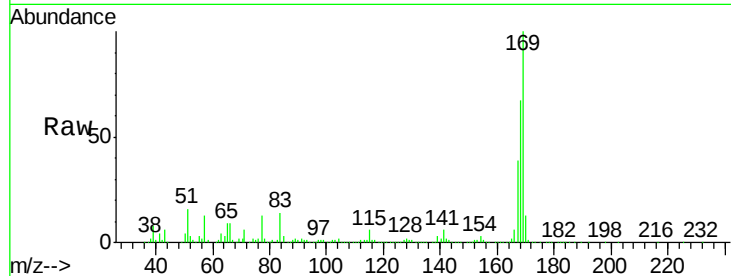
ClientSampleId :

SB-P3WC-10(6-11)MSD

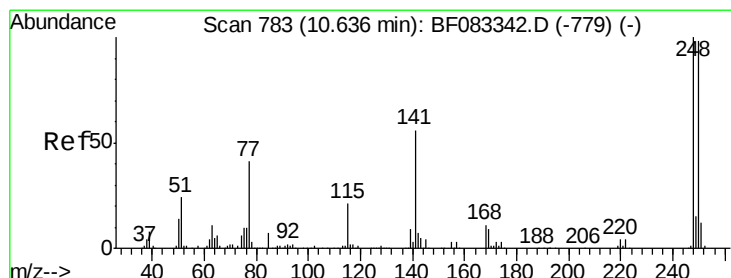
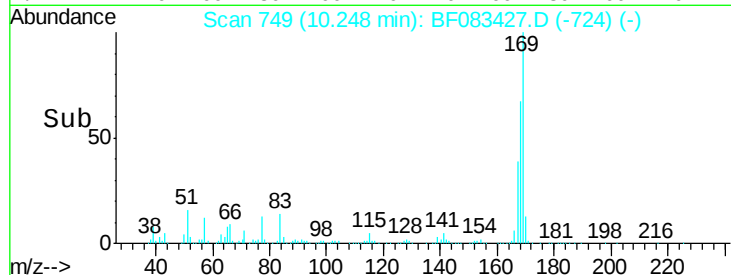
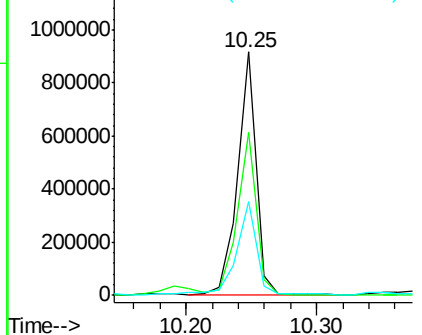
Tot Ion:	169	Resp:	898812
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.8	82.2
167	38.7	30.2	45.2

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



#66

4-Bromophenyl-phenylether

Concen: 49.56 ng

RT: 10.62 min Scan# 782

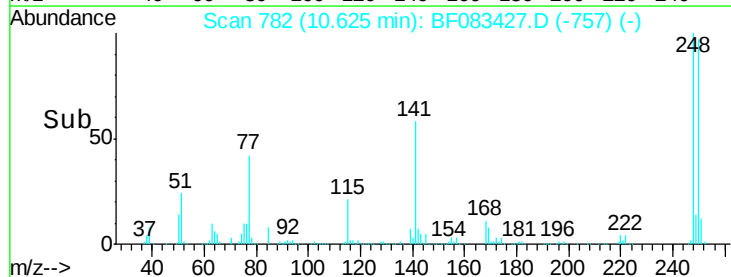
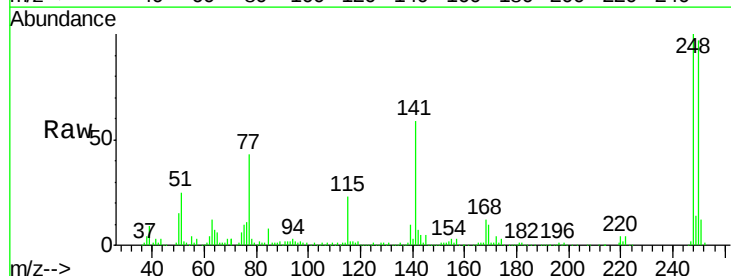
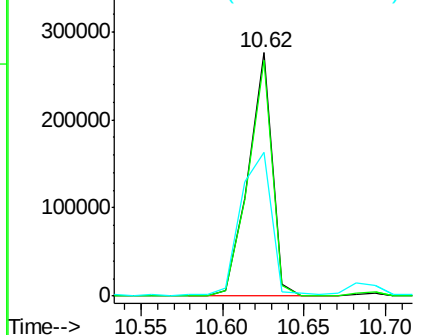
Delta R.T. -0.01 min

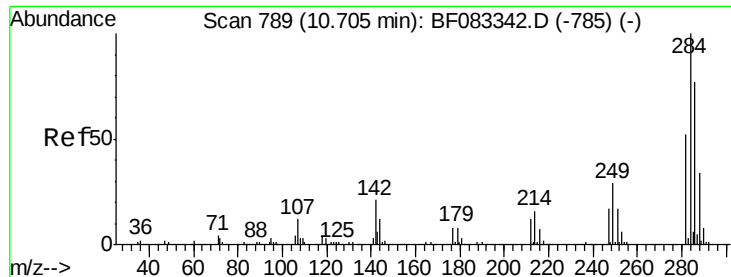
Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Tgt Ion:	248	Resp:	281224
Ion Ratio	Lower	Upper	
248	100		
250	96.8	78.6	118.0
141	58.8	44.4	66.6

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





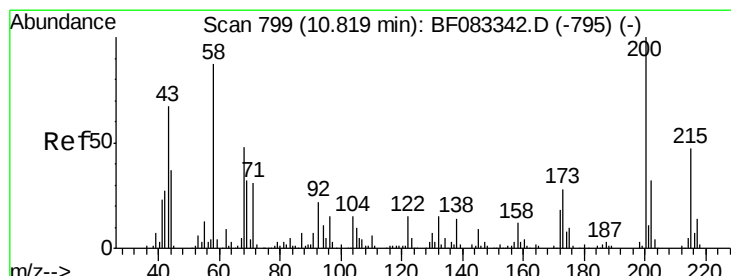
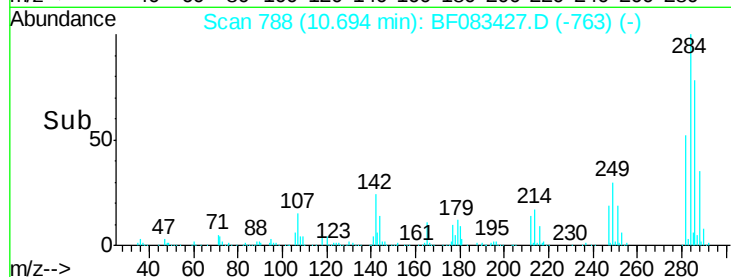
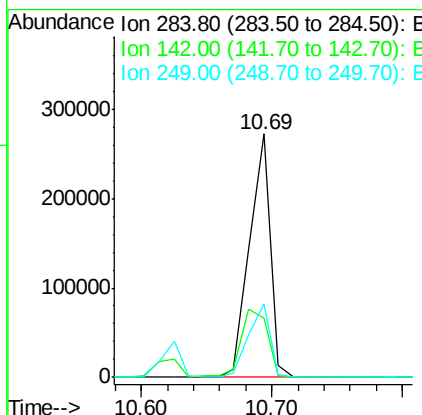
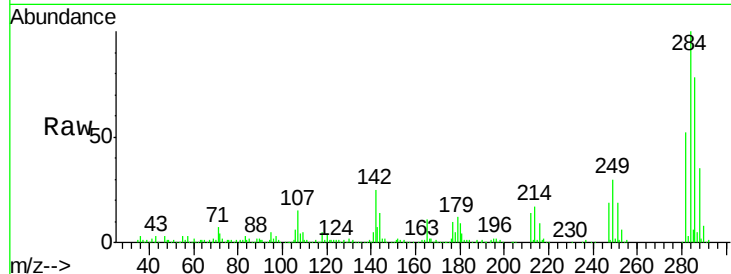
#67
Hexachlorobenzene
Concen: 48.21 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	302470		
142	24.6	16.6	24.8	
249	30.0	23.0	34.4	

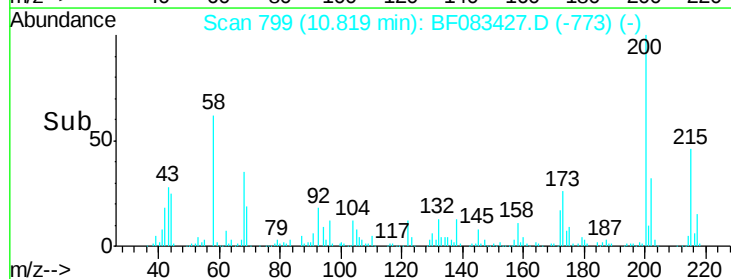
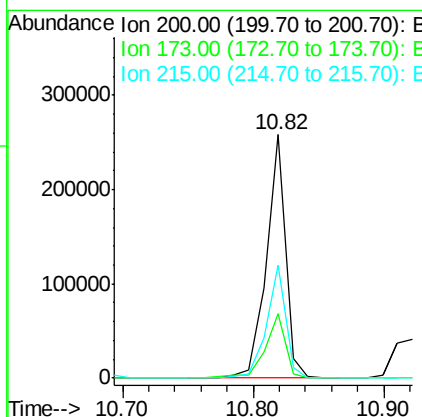
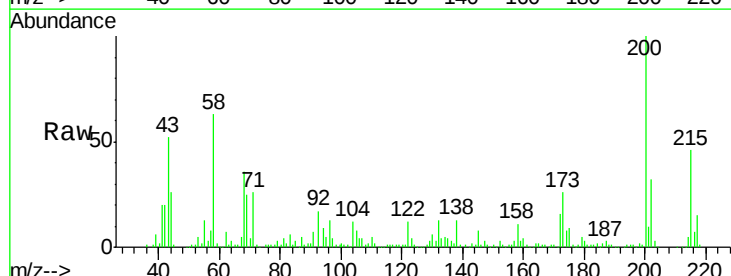
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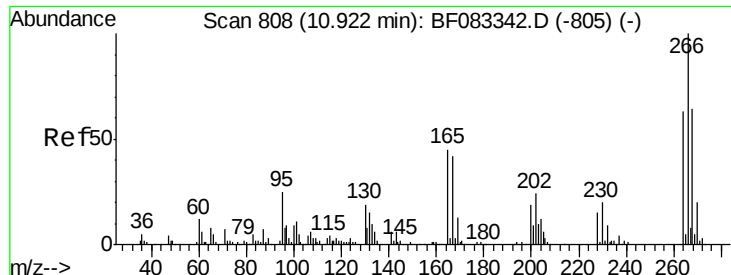
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#68
Atrazine
Concen: 52.97 ng
RT: 10.82 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	267048		
173	26.2	8.3	48.3	
215	46.2	26.7	66.7	





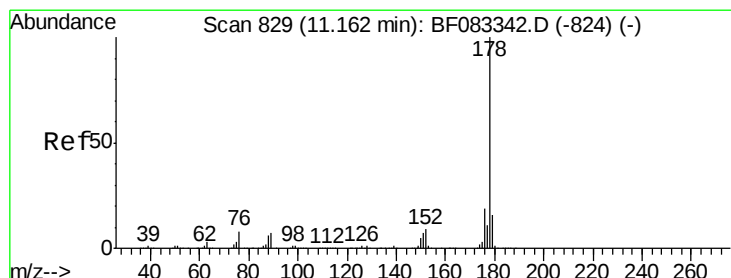
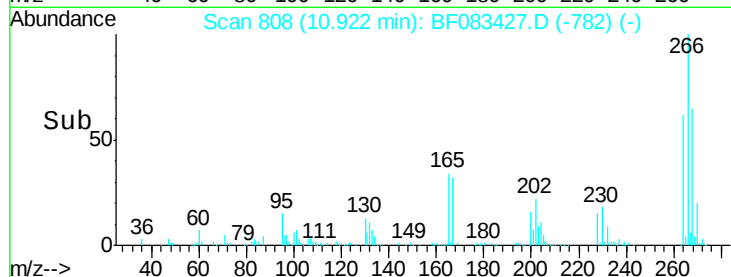
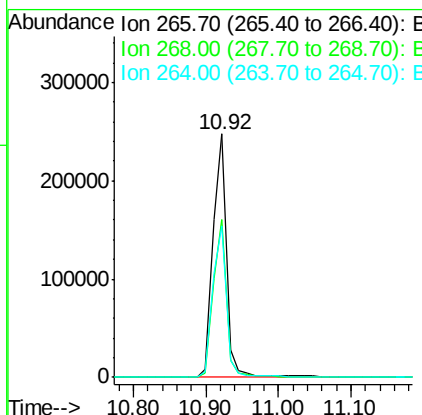
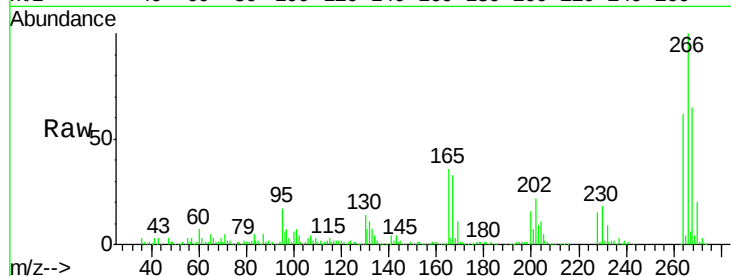
#69
 Pentachlorophenol
 Concen: 98.12 ng
 RT: 10.92 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	322486		
268	64.6	51.5	77.3	
264	62.0	50.4	75.6	

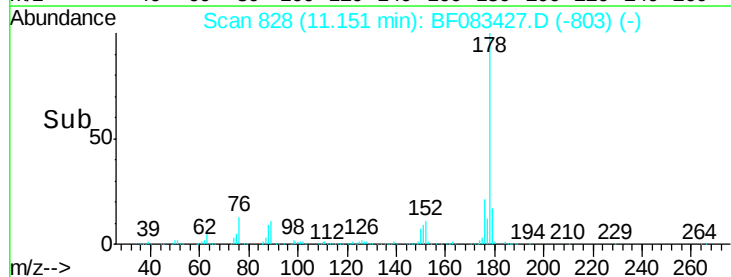
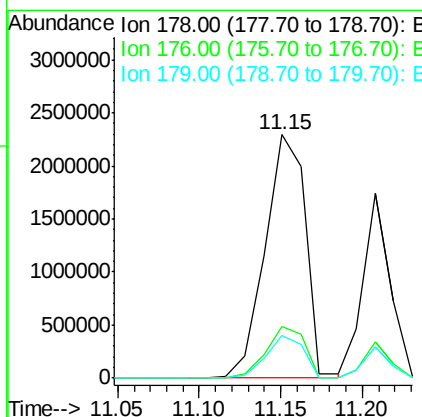
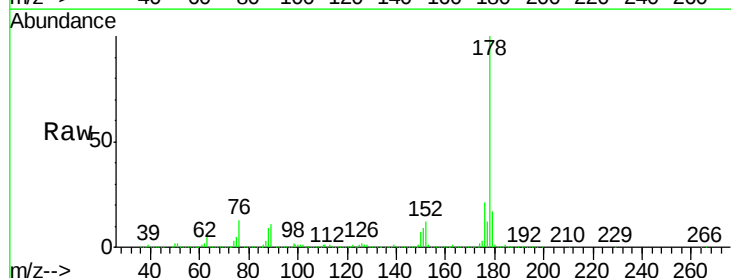
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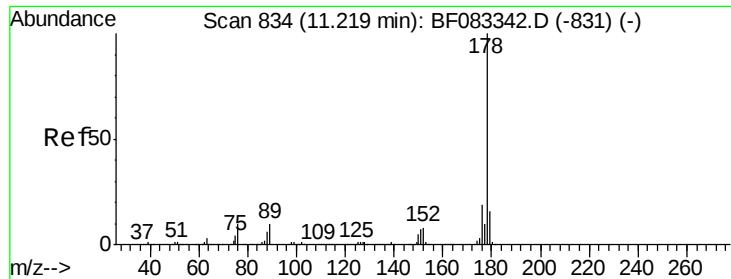
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#70
 Phenanthrene
 Concen: 128.10 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3932453		
176	21.2	15.3	22.9	
179	17.5	12.4	18.6	





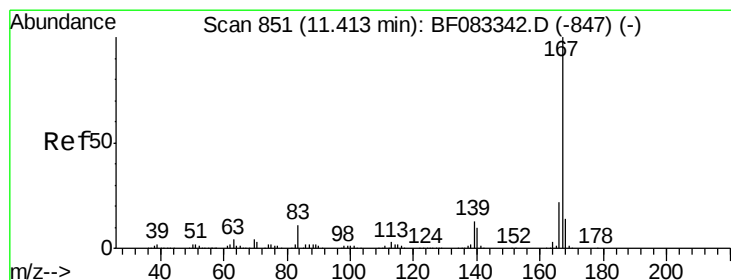
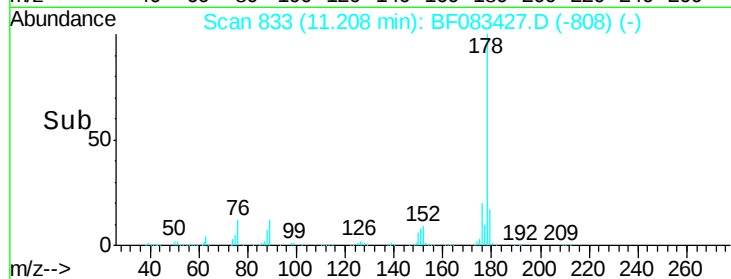
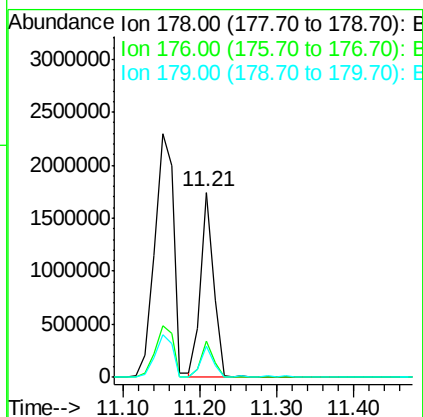
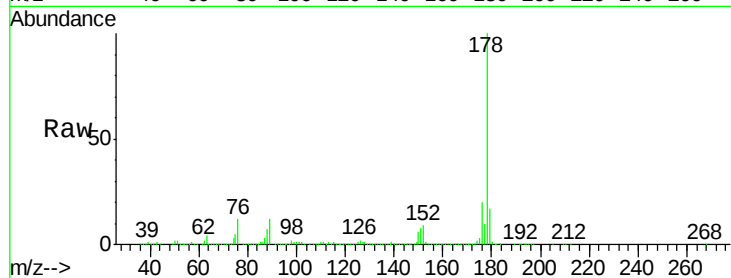
#71
 Anthracene
 Concen: 66.39 ng
 RT: 11.21 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion:178 Resp: 2051703
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 16.8 12.8 19.2

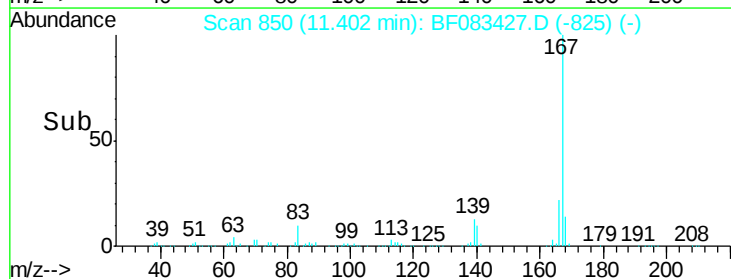
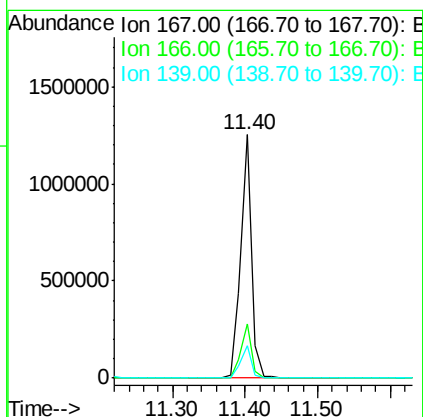
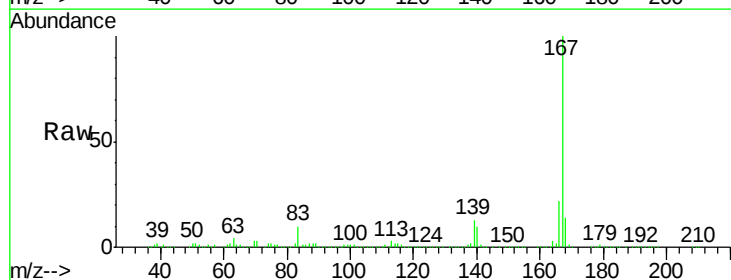
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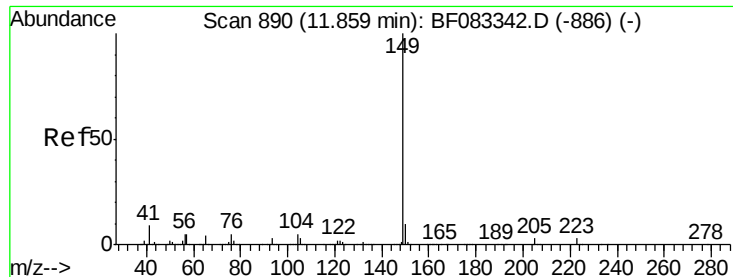
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#72
 Carbazole
 Concen: 47.05 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:167 Resp: 1306360
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.3 10.5 15.7





#73

Di-n-butylphthalate

Concen: 48.97 ng

RT: 11.85 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

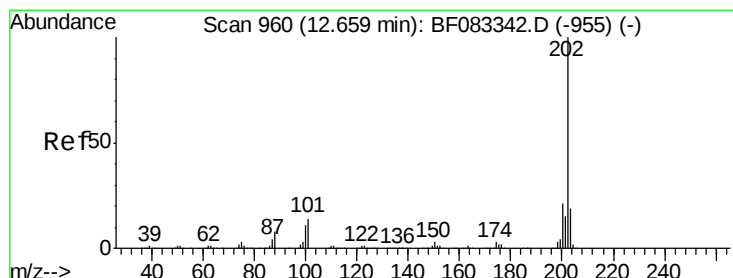
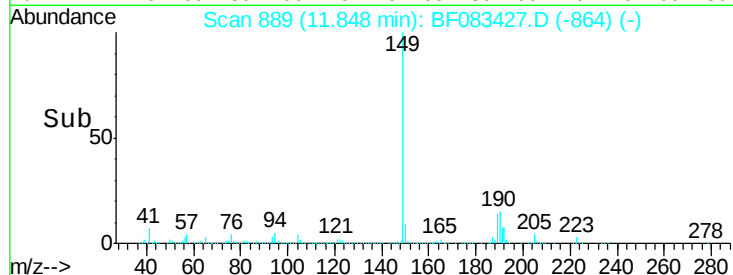
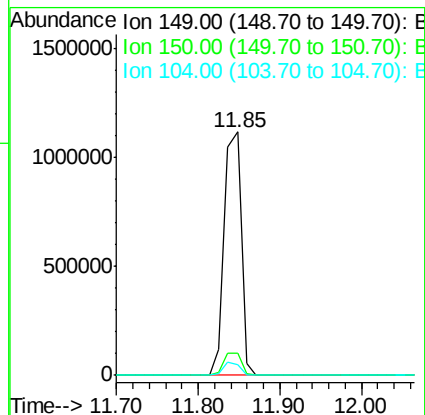
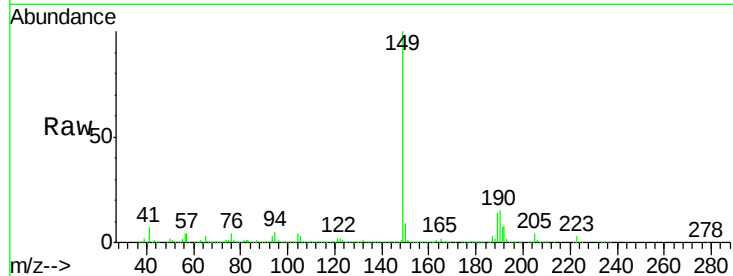
SB-P3WC-10(6-11)MSD

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Tot Ion:149	Resp: 1611504
Ion Ratio	Lower Upper
149 100	
150 9.2	7.7 11.5
104 4.4	4.0 6.0



#74

Fluoranthene

Concen: 82.08 ng

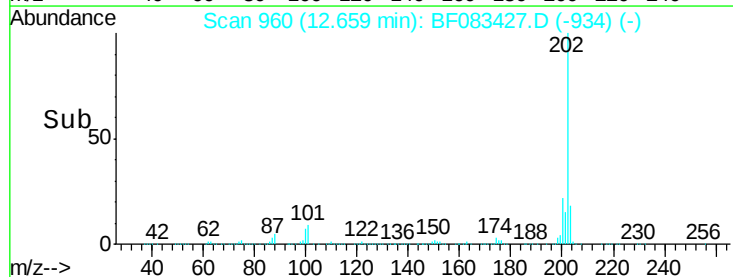
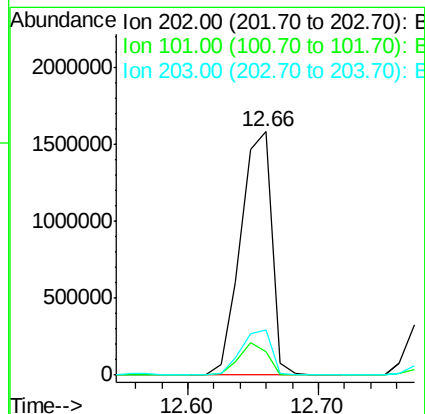
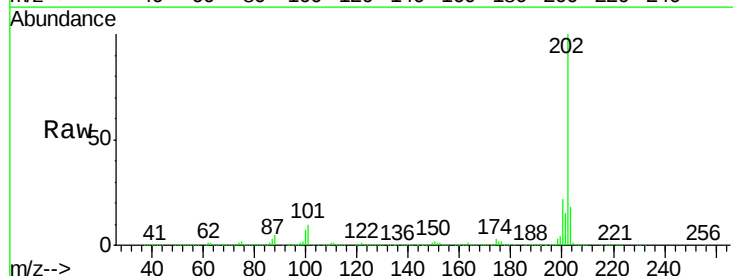
RT: 12.66 min Scan# 960

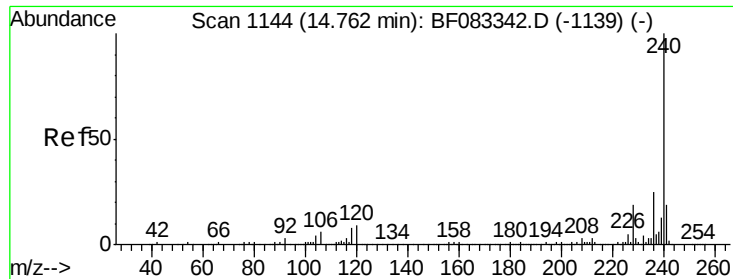
Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Tgt	Ion:202	Resp: 2611766	
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.5
203	18.4	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.74 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

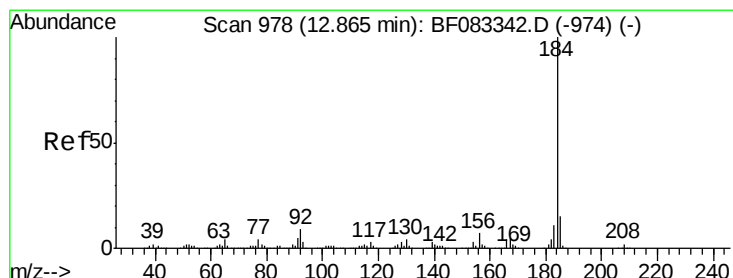
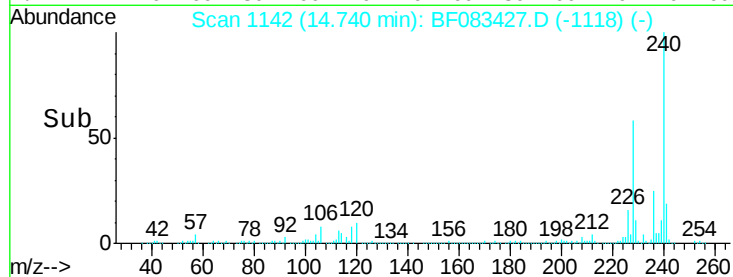
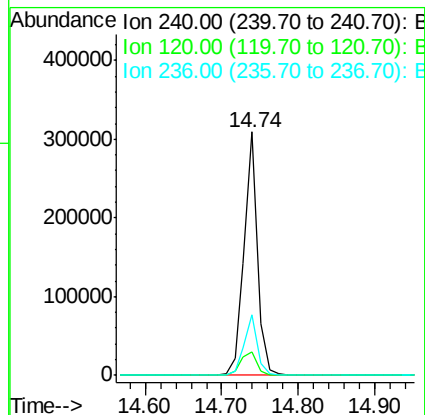
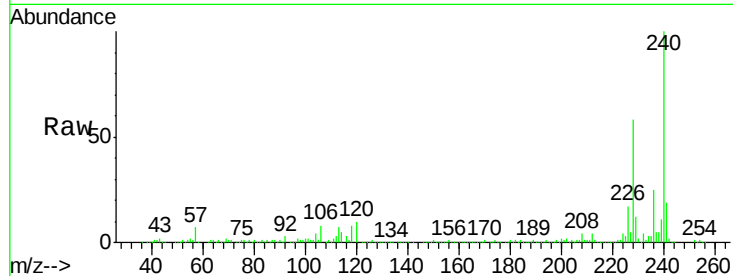
ClientSampleId :

SB-P3WC-10(6-11)MSD

Tot Ion:	240	Resp:	379972
Ion Ratio	Lower	Upper	
240	100		
120	9.8	6.9	10.3
236	24.7	19.8	29.6

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#76

Benzidine

Concen: 37.87 ng

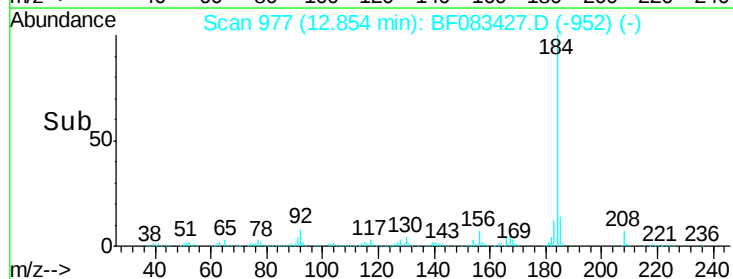
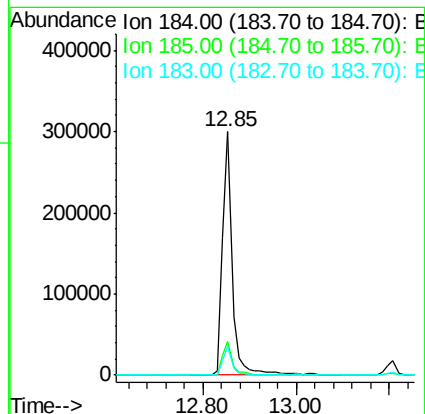
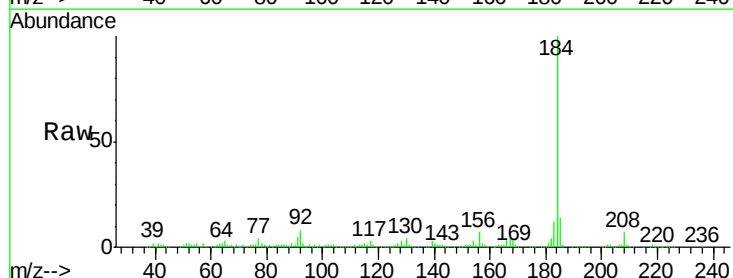
RT: 12.85 min Scan# 977

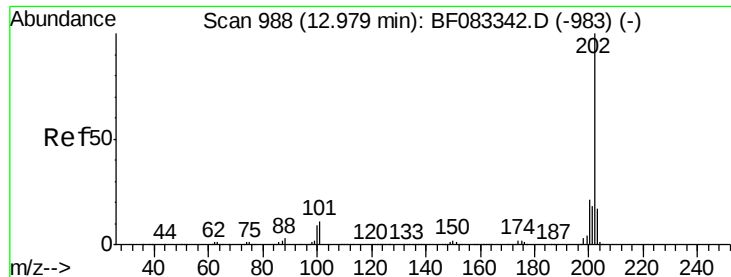
Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Tgt Ion:	184	Resp:	428630
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.4	18.6
183	11.6	9.0	13.4





#77

Pvrene

Concen: 108.44 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

Tot Ion:202 Resp: 2877712

Ion Ratio Lower Upper

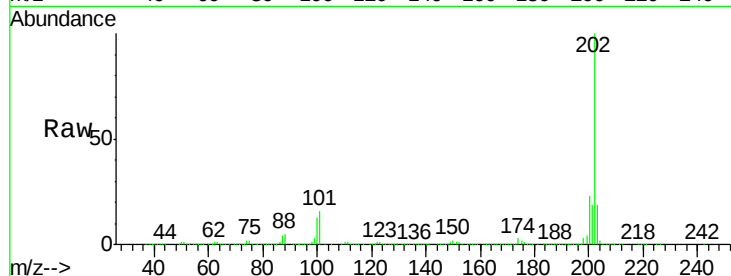
202 100

200 22.7 16.9 25.3

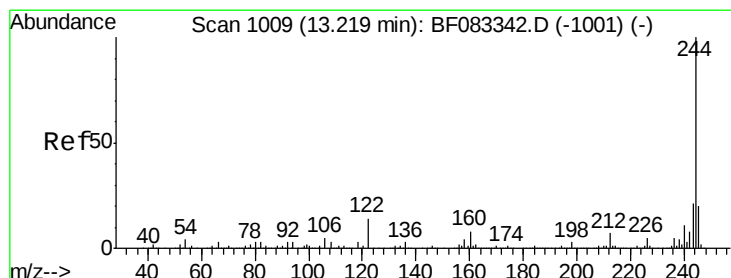
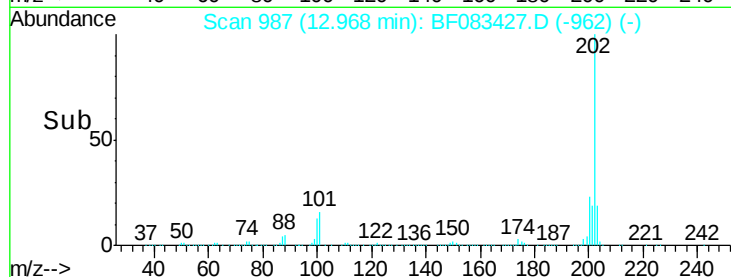
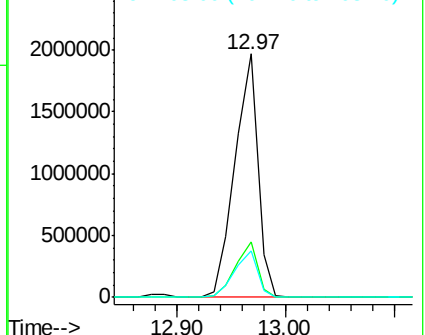
203 18.9 13.9 20.9

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



#78

Terphenyl-d14

Concen: 109.60 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

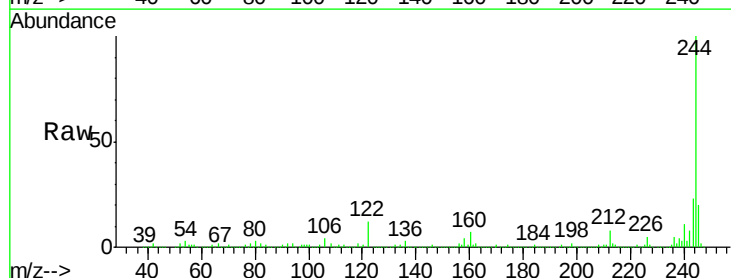
Tgt Ion:244 Resp: 1746283

Ion Ratio Lower Upper

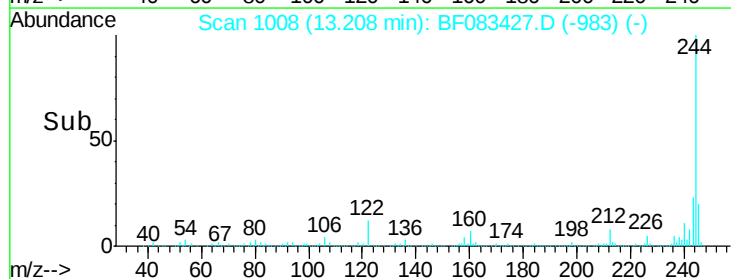
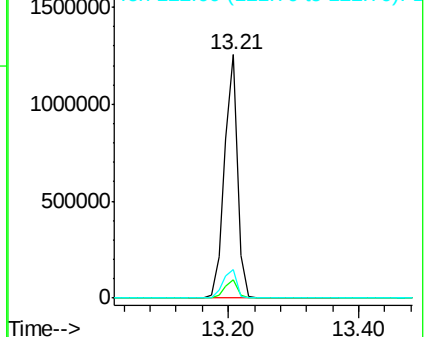
244 100

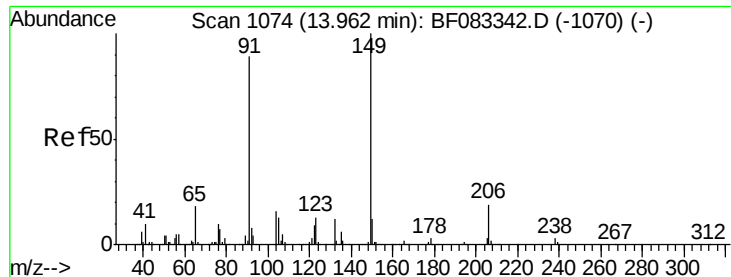
212 7.6 5.8 8.8

122 12.0 11.0 16.4



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





#79

Butylbenzylphthalate

Concen: 58.26 ng

RT: 13.95 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF083427.D

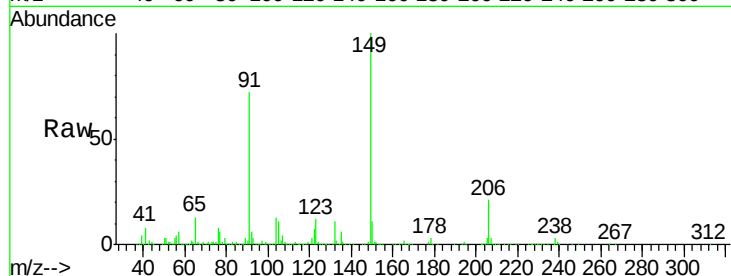
Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

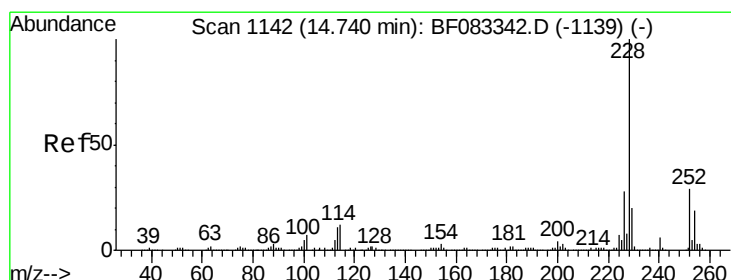
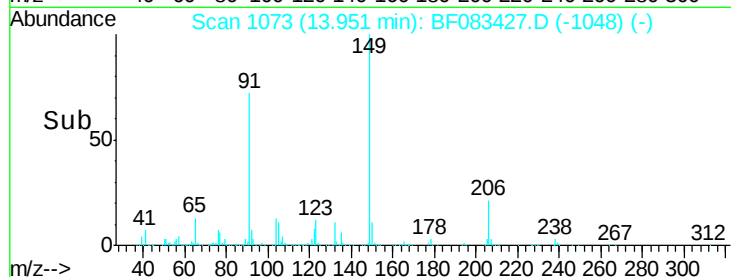
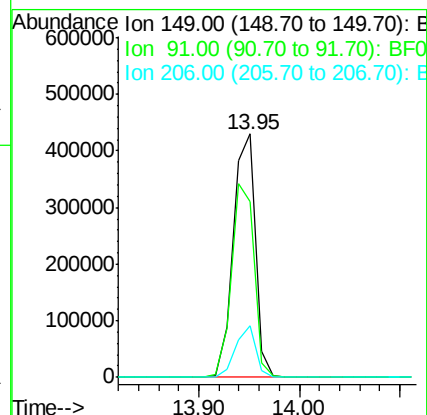
SB-P3WC-10(6-11)MSD



Tot Ion:	149	Resp:	655879
Ion Ratio	Lower	Upper	
149	100		
91	72.0	71.4	107.2
206	21.1	15.1	22.7

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 65.93 ng

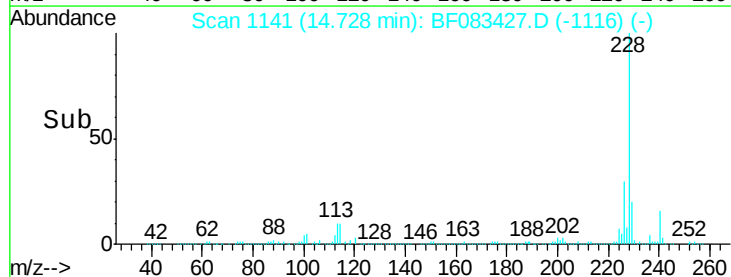
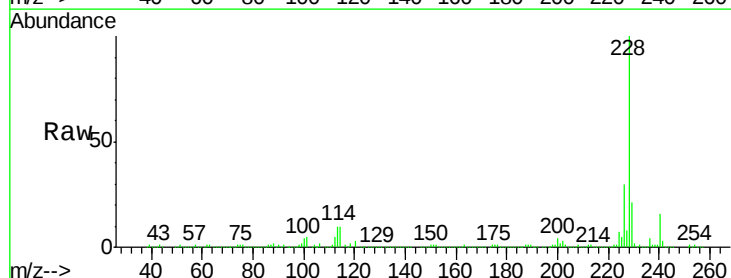
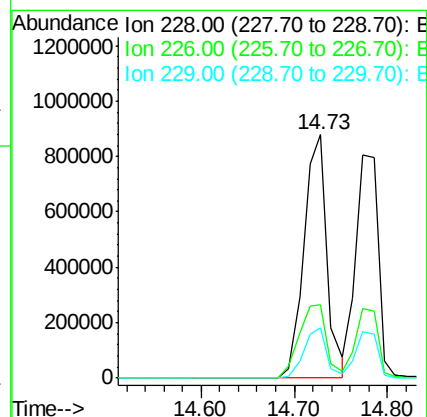
RT: 14.73 min Scan# 1141

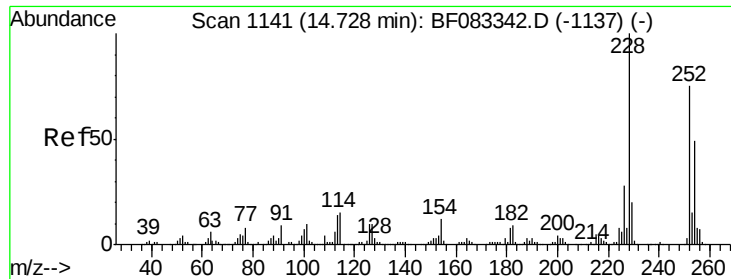
Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Tgt Ion:	228	Resp:	1534689
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.2	33.4
229	20.5	16.1	24.1





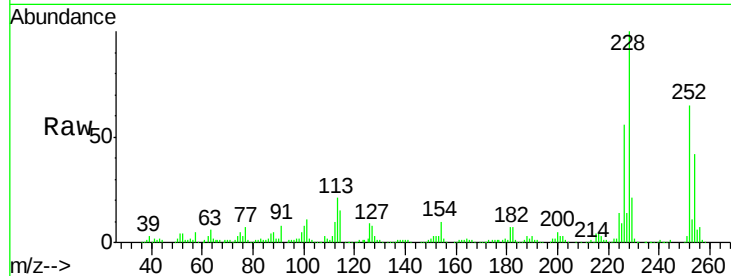
#81
 3,3'-Dichlorobenzidine
 Concen: 35.94 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.0	78.0
126	14.1	10.7	16.1

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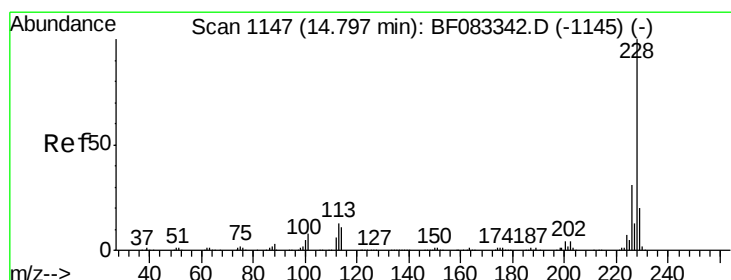
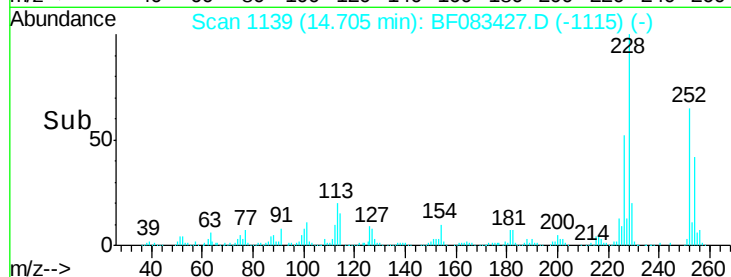
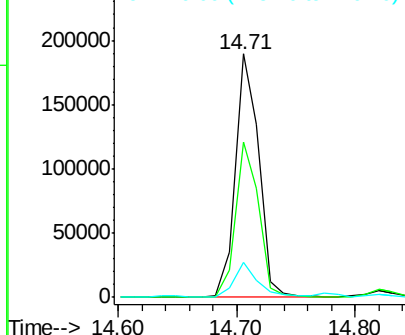


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 60.02 ng
 RT: 14.77 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

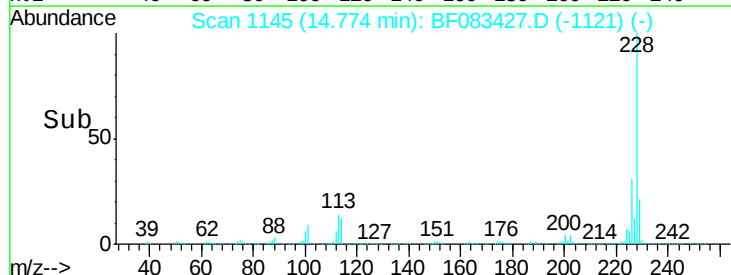
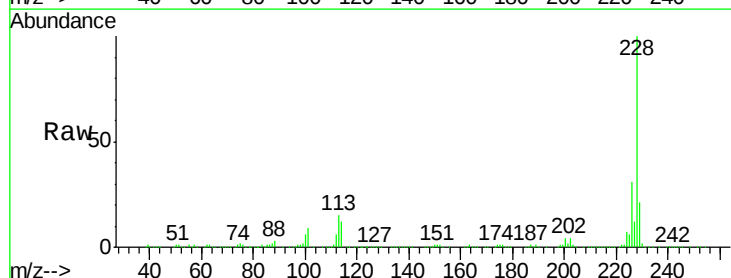
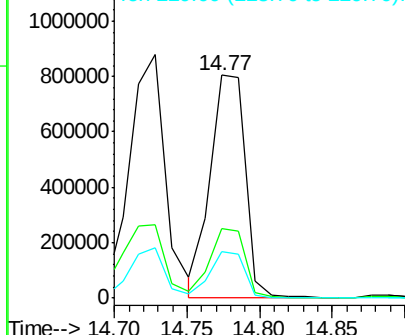
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	20.9	16.2	24.2

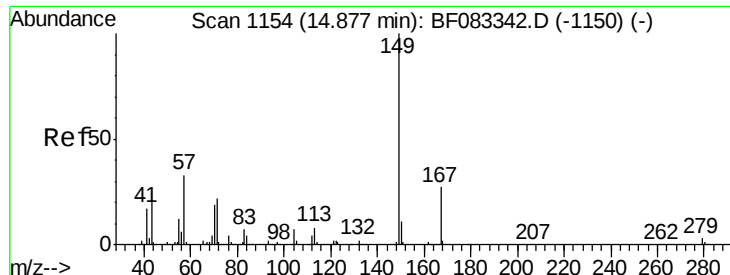
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





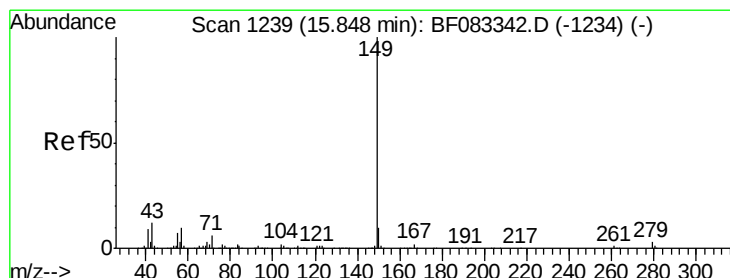
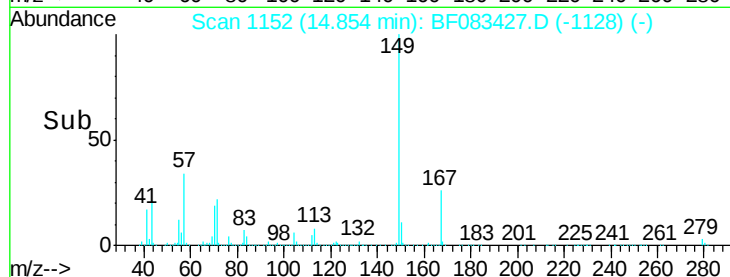
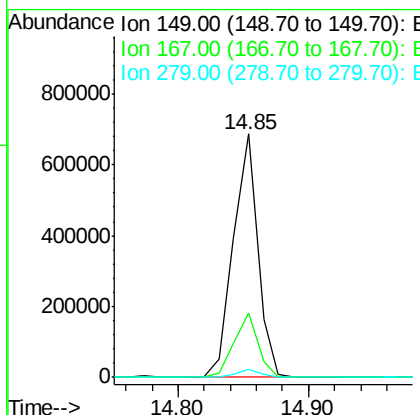
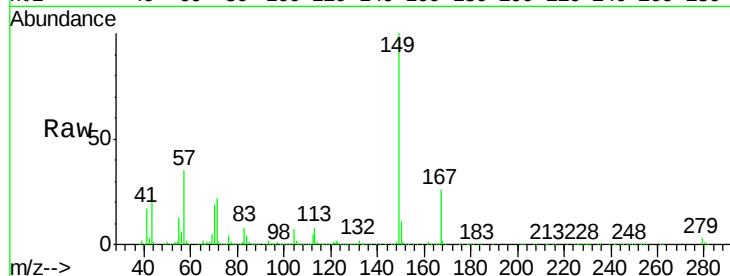
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.45 ng
 RT: 14.85 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.5	32.3
279	3.1	2.6	3.8

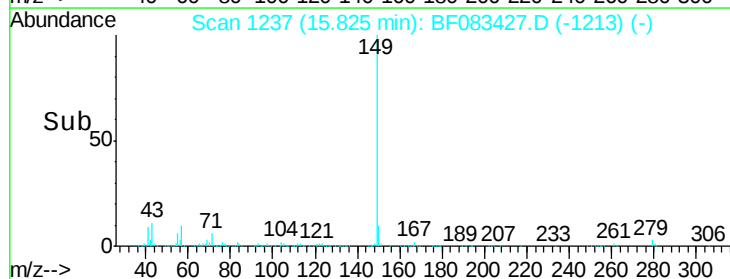
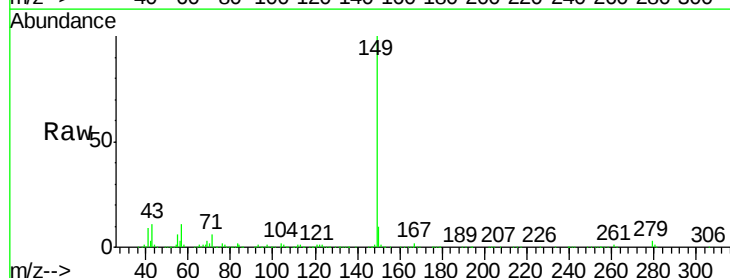
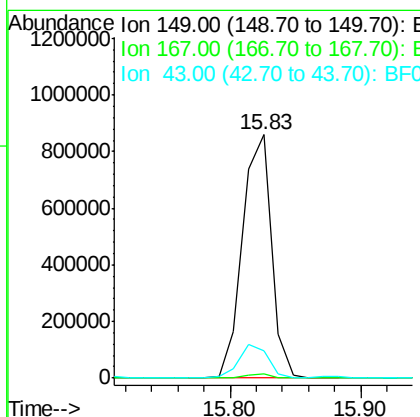
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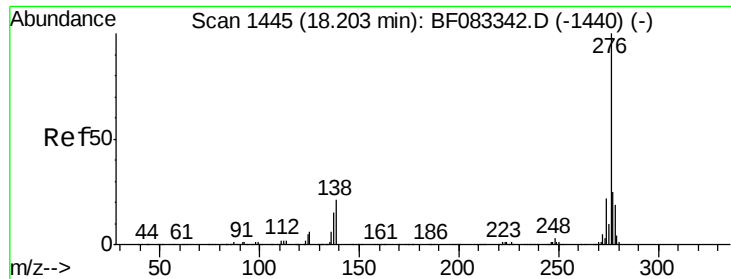
Mmdadoda
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#84
 Di-n-octyl phthalate
 Concen: 59.14 ng
 RT: 15.83 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.6	11.0	16.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 76.23 ng

RT: 18.18 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

Tot Ion:276 Resp: 1248695

Ion Ratio Lower Upper

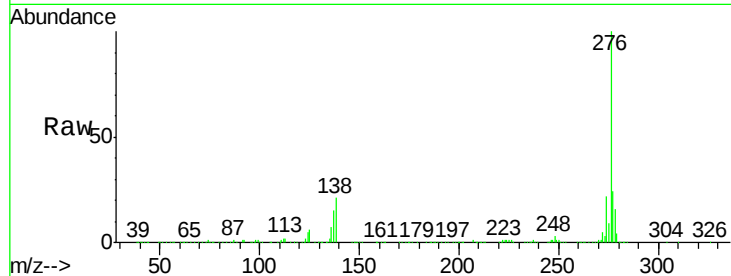
276 100

138 26.1 21.2 31.8

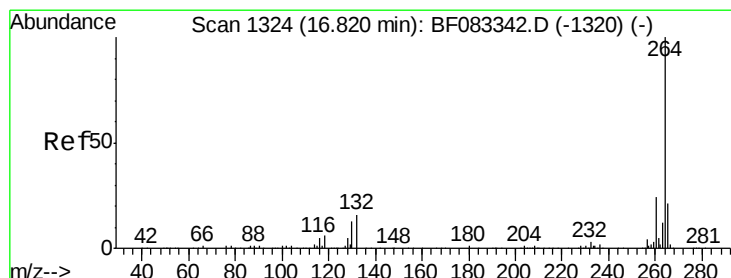
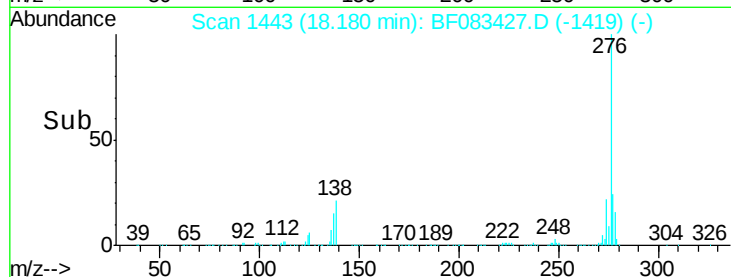
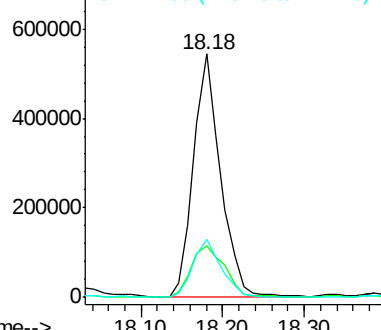
277 24.5 20.0 30.0

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

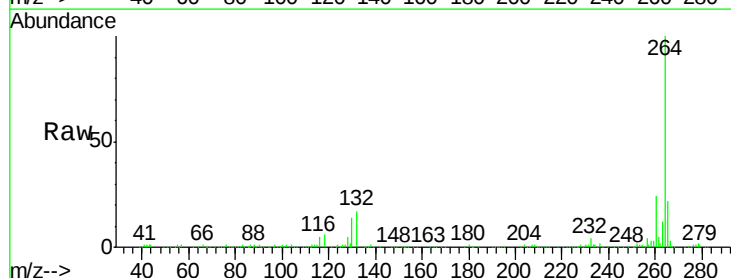
Tgt Ion:264 Resp: 330077

Ion Ratio Lower Upper

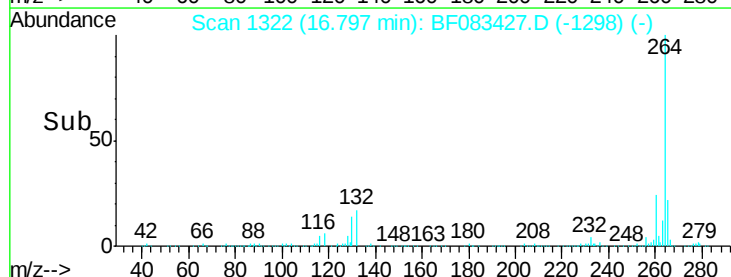
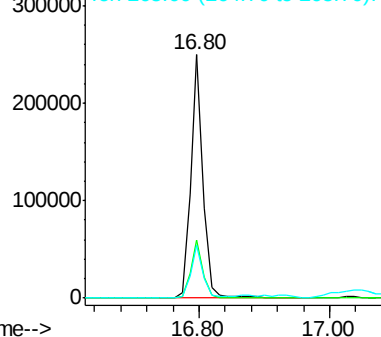
264 100

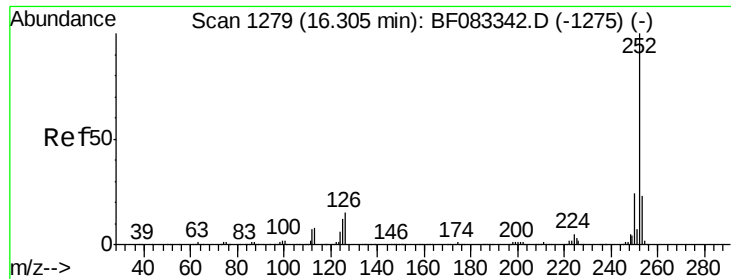
260 24.1 19.0 28.4

265 21.8 16.8 25.2



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





#87

Benzo(b)fluoranthene

Concen: 57.38 ng

RT: 16.29 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

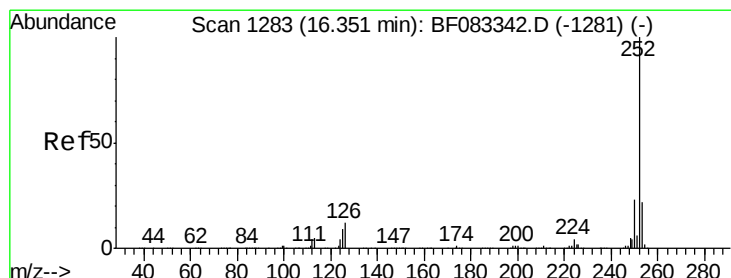
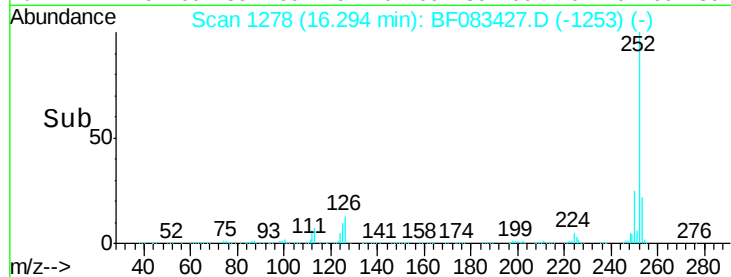
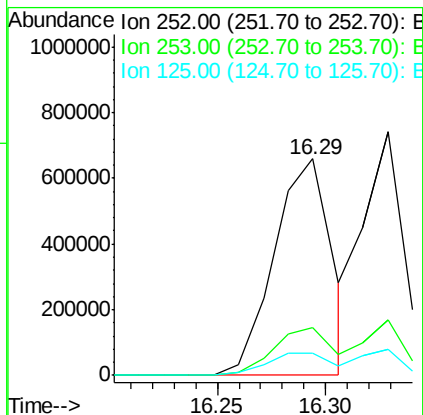
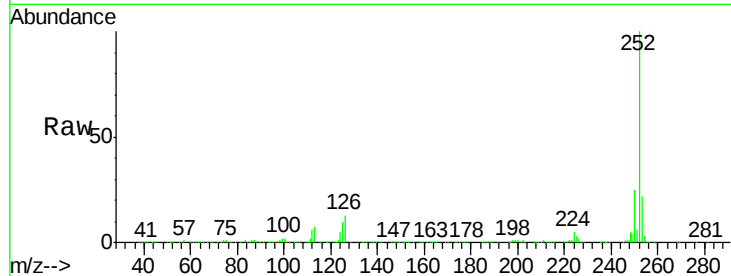
ClientSampleId :

SB-P3WC-10(6-11)MSD

Tot Ion:252	Resp: 1215318		
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	10.3	9.6	14.4

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#88

Benzo(k)fluoranthene

Concen: 49.23 ng m

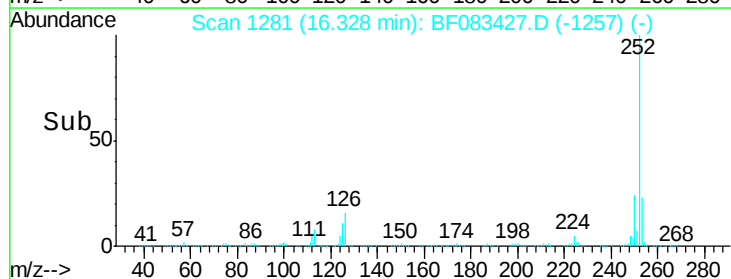
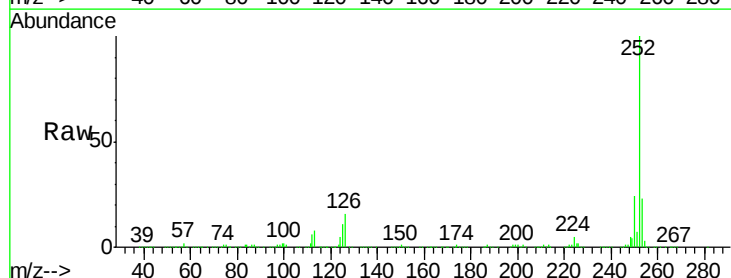
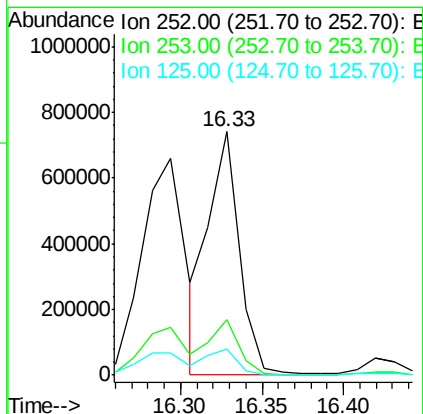
RT: 16.33 min Scan# 1281

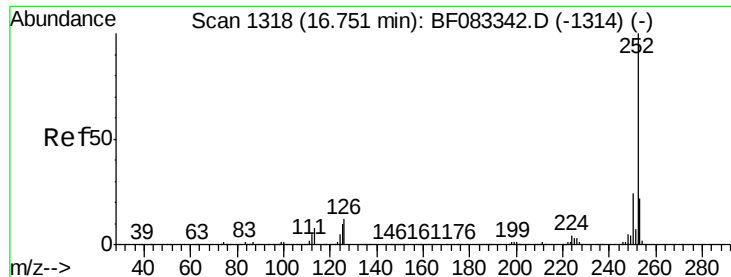
Delta R.T. -0.02 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Tgt Ion:252	Resp: 984509		
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	10.8	7.5	11.3





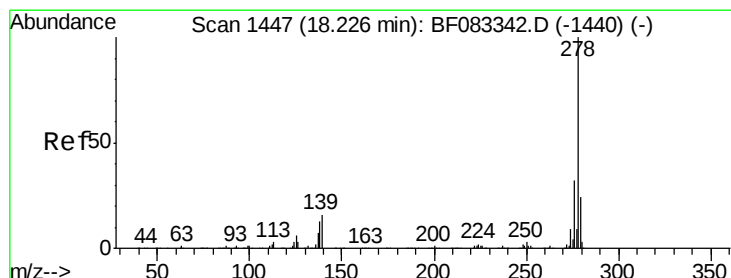
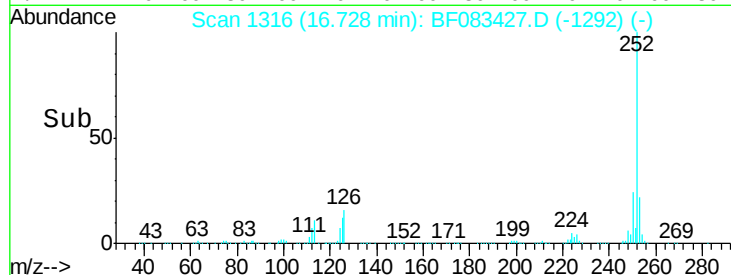
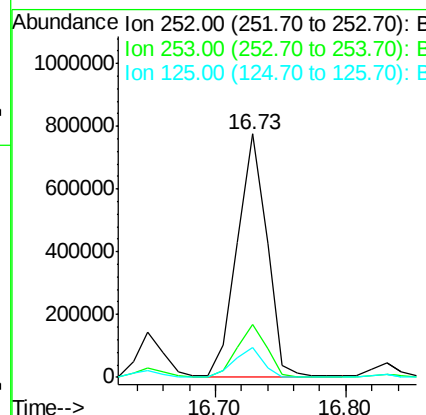
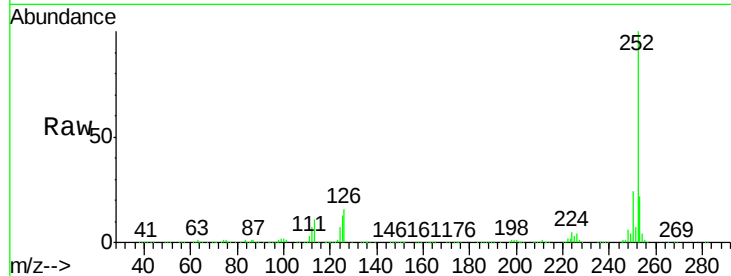
#89
Benzo(a)pyrene
Concen: 67.87 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	12.5	7.8	11.8

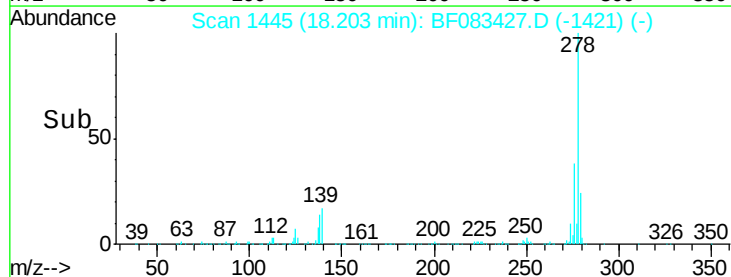
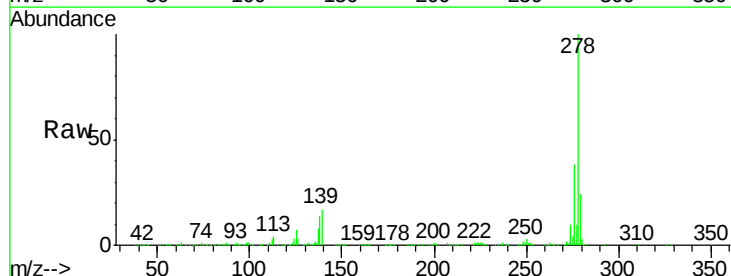
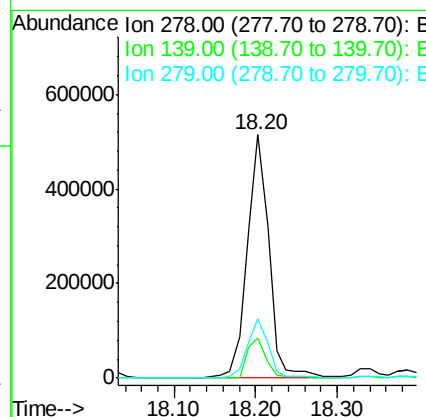
Manual Integrations
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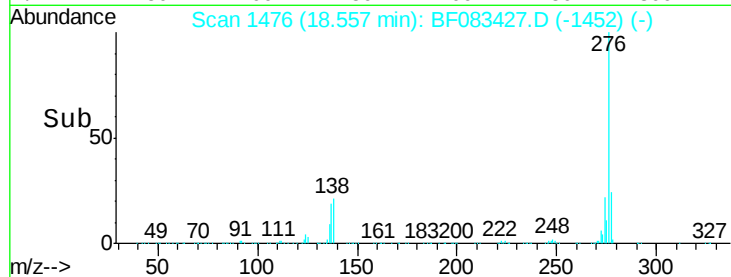
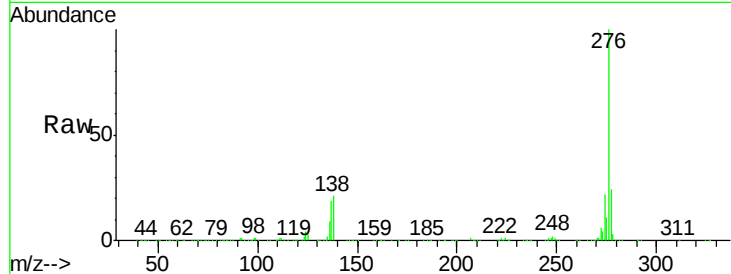
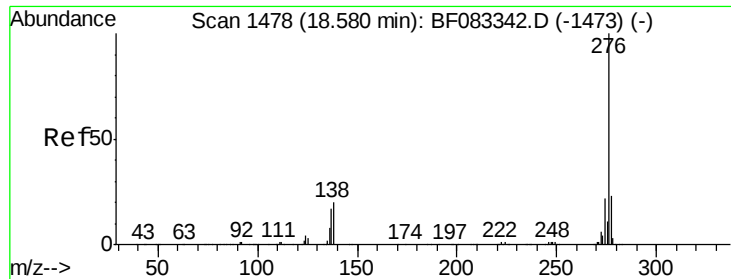
Mmdadoda
12/3/2015 7:09:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 59.12 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.1	19.7
279	24.3	19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 70.51 ng
 RT: 18.56 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	21.4	16.1	24.1

Manual Integrations
 APPROVED

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