

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080715\
 Data File : BF080927.D
 Acq On : 7 Aug 2015 15:20
 Operator : TP/UM
 Sample : G3083-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8524

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:18:49 PM

Quant Time: Aug 26 15:56:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	48337	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	193204	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	98402	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	195244	20.00	ng	0.00
75) Chrysene-d12	13.96	240	168404	20.00	ng	0.00
86) Perylene-d12	15.37	264	165234	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	304534	102.94	ng	0.01
7) Phenol-d6	6.44	99	445206	109.82	ng	0.00
23) Nitrobenzene-d5	7.38	82	306426	75.02	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	135358	125.21	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	496630	71.05	ng	0.00
78) Terphenyl-d14	12.91	244	602797	73.93	ng	0.00

Target Compounds					Qvalue
8) 2-Chlorophenol	6.59	128	383807	112.11	ng 87
10) Phenol	6.46	94	612353	127.31	ng 99
11) bis(2-Chloroethyl)ether	6.56	93	348981	97.17	ng 92
14) 1,2-Dichlorobenzene	6.98	146	139610	40.91	ng 99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	470879	65.17	ng 97
17) 2-Methylphenol	7.07	107	283345	96.97	ng 96
19) n-Nitroso-di-n-propylamine	7.23	70	307077	103.63	ng 99
25) Isophorone	7.64	82	1110706	141.40	ng 95
26) 2-Nitrophenol	7.71	139	103806	58.66	ng 89
28) bis(2-Chloroethoxy)methane	7.85	93	240876	51.08	ng 98
30) 1,2,4-Trichlorobenzene	8.04	180	355580	119.50	ng 95
31) Naphthalene	8.12	128	793168	74.48	ng 99
34) Hexachlorobutadiene	8.24	225	147033	83.04	ng 98
36) 4-Chloro-3-methylphenol	8.65	107	262195	78.93	ng # 84
37) 2-Methylnaphthalene	8.81	142	586248	86.48	ng 99
42) 2,4,6-Trichlorophenol	9.09	196	201264m	90.52	ng
43) 2,4,5-Trichlorophenol	9.13	196	344582m	153.80	ng
46) 2-Chloronaphthalene	9.30	162	648674	98.52	ng 93
48) Acenaphthylene	9.71	152	497824	43.49	ng 100
50) 2,6-Dinitrotoluene	9.64	165	263890	156.27	ng 90
54) Dibenzofuran	10.06	168	1603320	169.13	ng 97
56) 2,4-Dinitrotoluene	10.04	165	271711	120.25	ng 98
57) Fluorene	10.40	166	482730	65.83	ng 99
60) 4-Chlorophenyl-phenylether	10.40	204	386836	108.26	ng # 86
66) 4-Bromophenyl-phenylether	10.89	248	421368	203.77	ng 97
67) Hexachlorobenzene	10.94	284	103465	45.00	ng # 85
69) Pentachlorophenol	11.14	266	143019	106.98	ng 95
71) Anthracene	11.41	178	1434770	131.08	ng 99
73) Di-n-butylphthalate	11.90	149	2150068	161.35	ng 98
74) Fluoranthene	12.53	202	561142	46.95	ng 97
77) Pyrene	12.77	202	1599253	128.55	ng 98
79) Butylbenzylphthalate	13.39	149	764761	127.52	ng # 71
80) Benzo(a)anthracene	13.95	228	1194447	112.29	ng 99
82) Chrysene	14.01	228	1858758	182.48	ng 97

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Instrument :
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8524

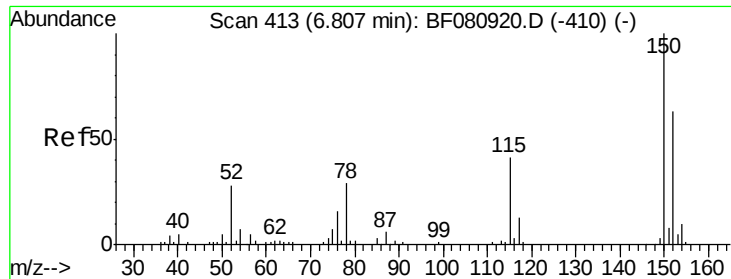
Manual Integrations
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Quant Time: Aug 26 15:56:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.56	149	691216	48.85	ng	99
85) Indeno(1,2,3-cd)pyrene	16.74	276	894638	92.30	ng	# 94
87) Benzo(b)fluoranthene	14.98	252	1319503	114.84	ng	# 98
88) Benzo(k)fluoranthene	15.01	252	1161138	115.52	ng	99
89) Benzo(a)pyrene	15.31	252	597657	60.52	ng	# 95
91) Benzo(g,h,i)perylene	17.15	276	670292	78.90	ng	98

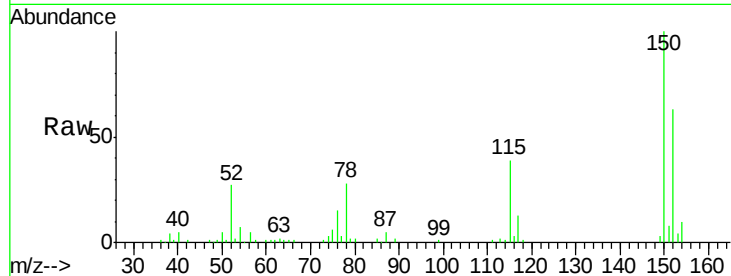
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

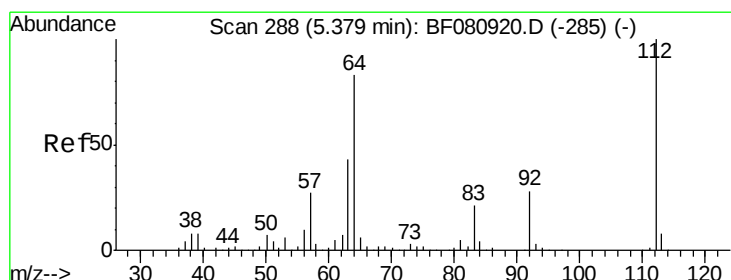
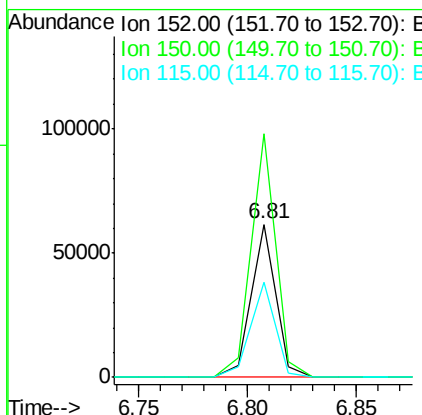
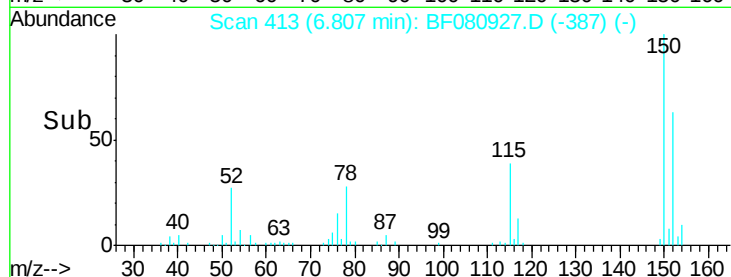
Instrument :
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8524



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.4	191.2
115	62.2	52.6	78.8

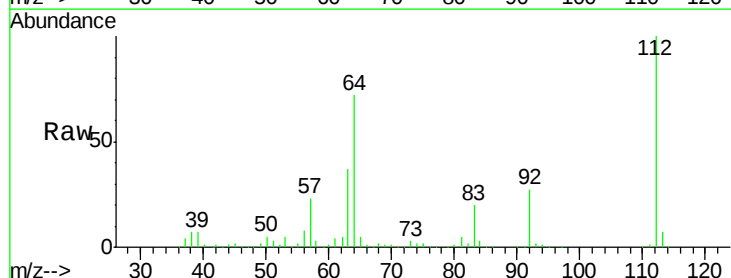
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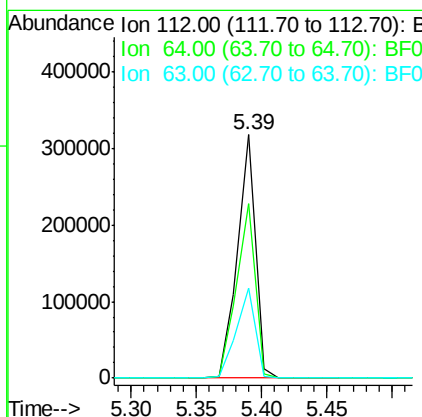
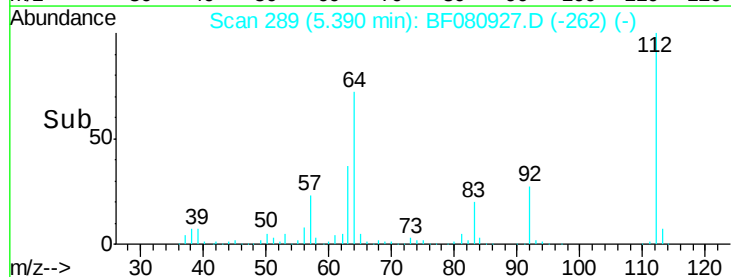


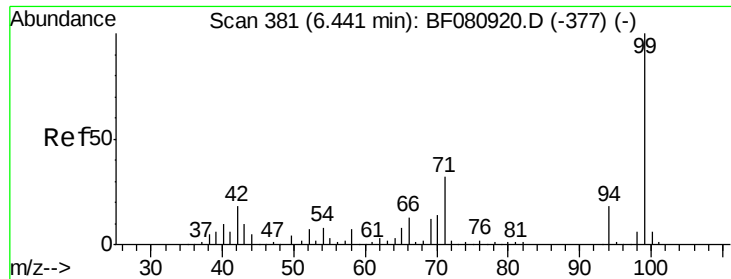
#5

2-Fluorophenol
Concen: 102.94 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20



Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	66.1	99.1
63	37.1	34.6	52.0





#7

Phenol-d6

Concen: 109.82 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Instrument :

BNA_F

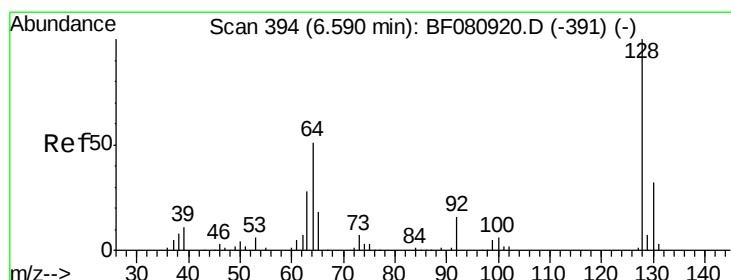
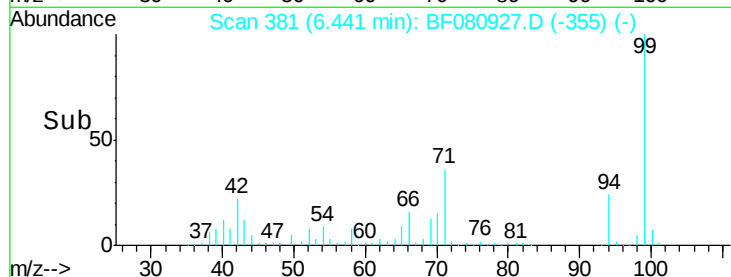
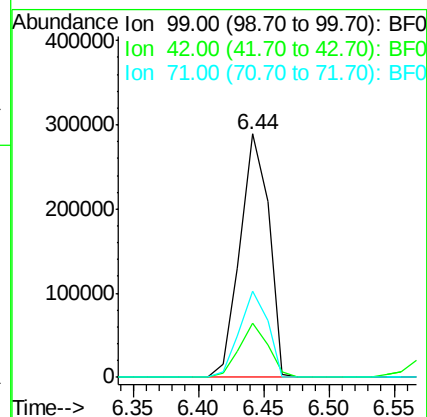
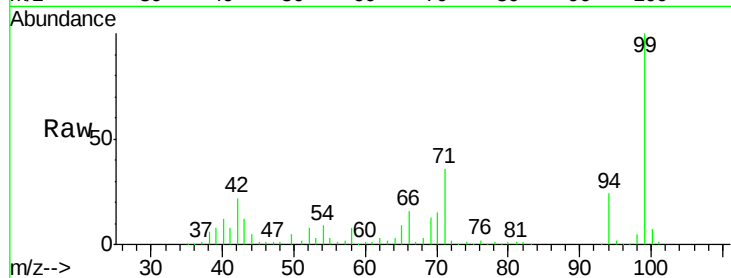
ClientSampleId :

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Tgt Ion:	99	Resp:	445206
Ion Ratio	Lower	Upper	
99	100		
42	22.4	14.4	21.6#
71	35.6	25.8	38.8



#8

2-Chlorophenol

Concen: 112.11 ng

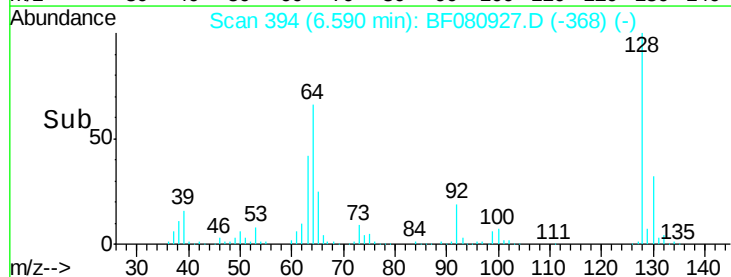
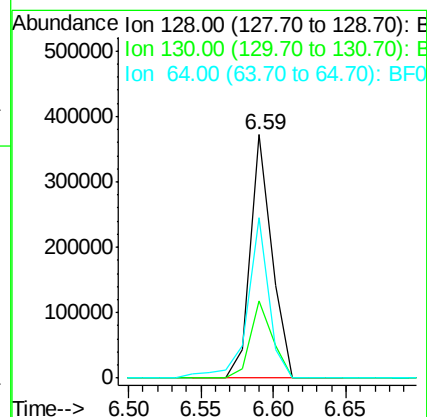
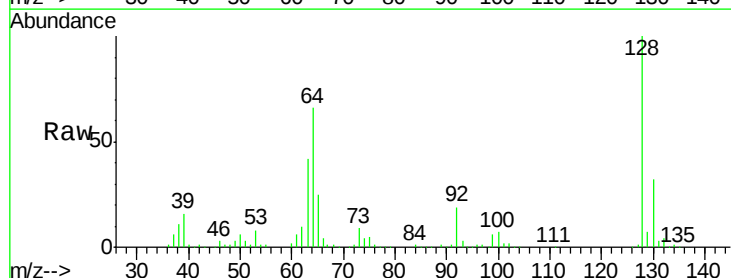
RT: 6.59 min Scan# 394

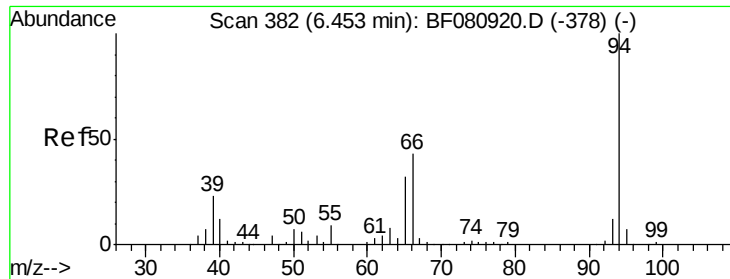
Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Tgt Ion:	128	Resp:	383807
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.4	52.4
64	66.0	32.1	72.1





#10

Phenol

Concen: 127.31 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Instrument :

BNA_F

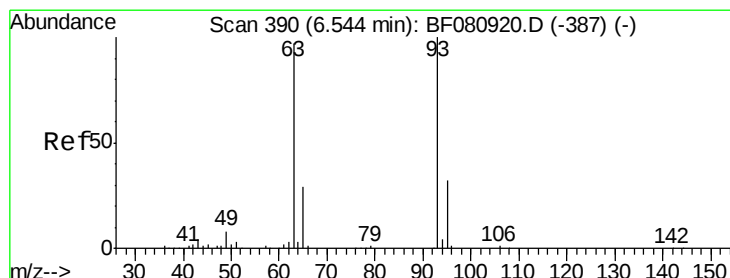
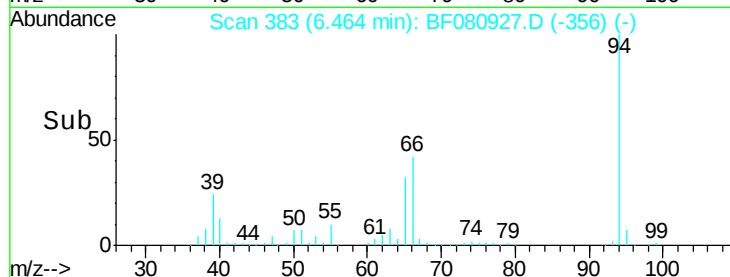
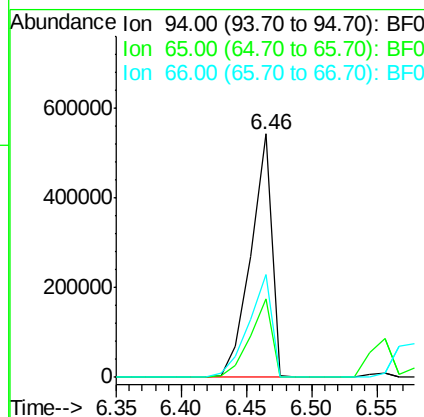
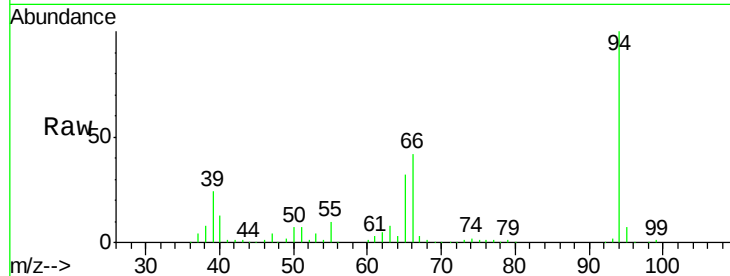
ClientSampleId :

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Tgt Ion:	94	Resp:	612353
Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.8	51.8
66	42.3	22.9	62.9



#11

bis(2-Chloroethyl)ether

Concen: 97.17 ng

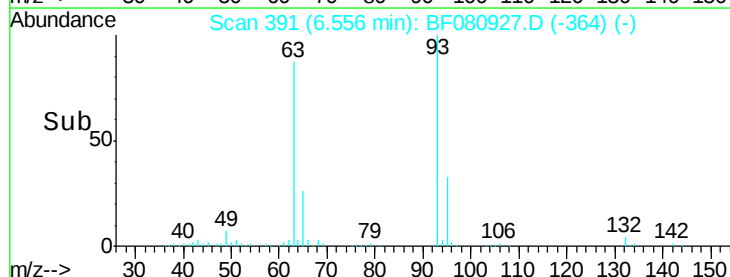
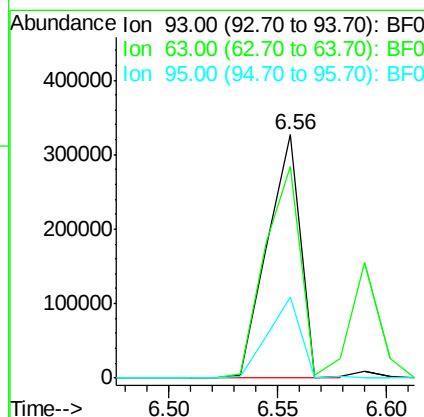
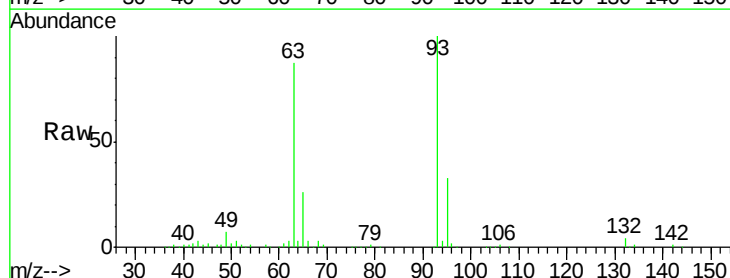
RT: 6.56 min Scan# 391

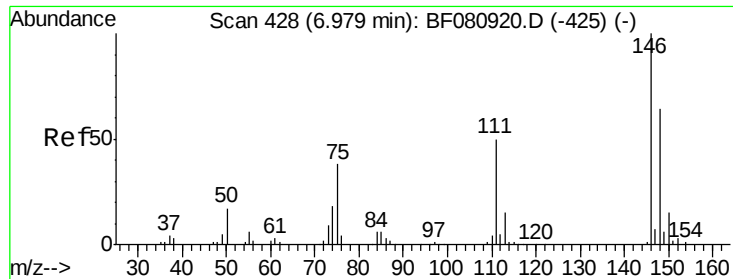
Delta R.T. 0.01 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Tgt Ion:	93	Resp:	348981
Ion	Ratio	Lower	Upper
93	100		
63	87.0	76.7	116.7
95	33.2	12.3	52.3





#14

1,2-Dichlorobenzene

Concen: 40.91 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Instrument :

BNA_F

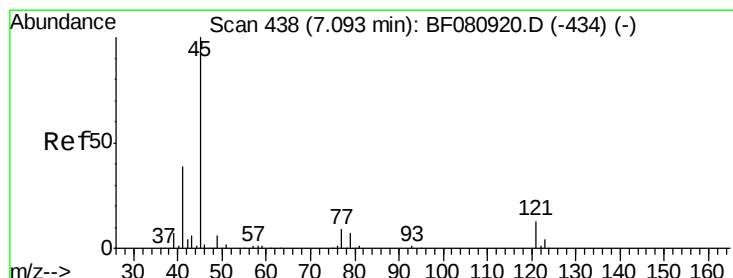
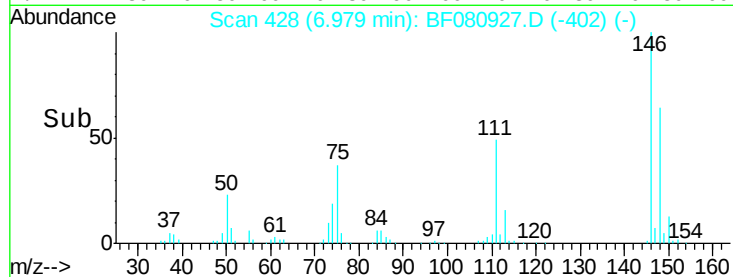
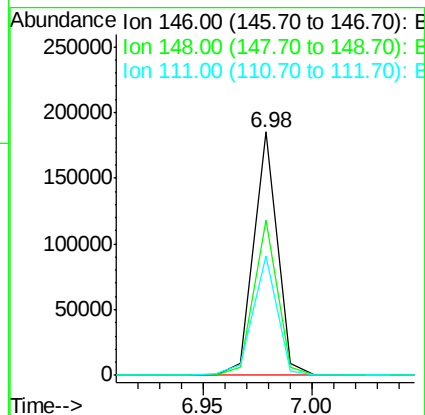
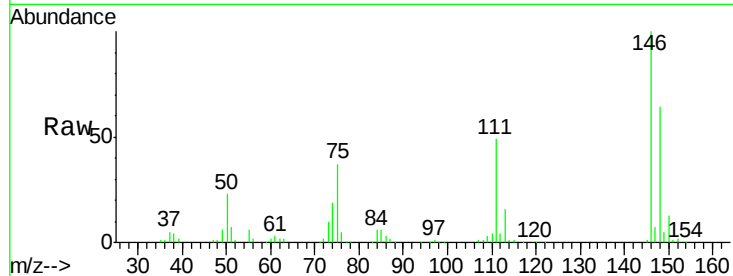
ClientSampled :

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Tgt Ion:	146	Resp:	139610
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.1	76.7
111	49.2	40.0	60.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 65.17 ng

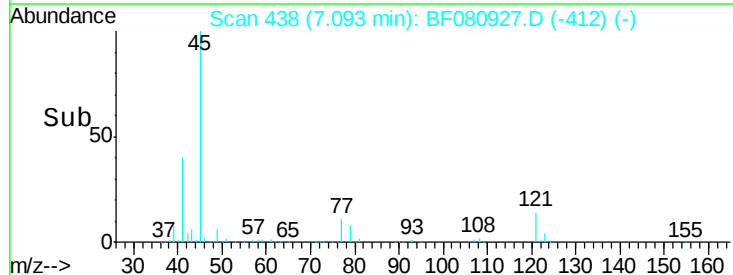
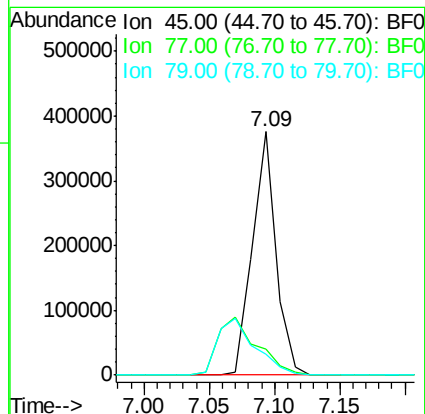
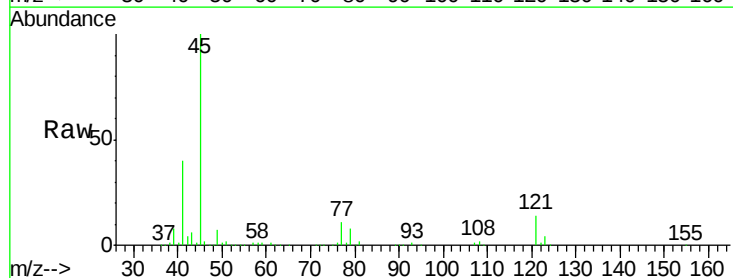
RT: 7.09 min Scan# 438

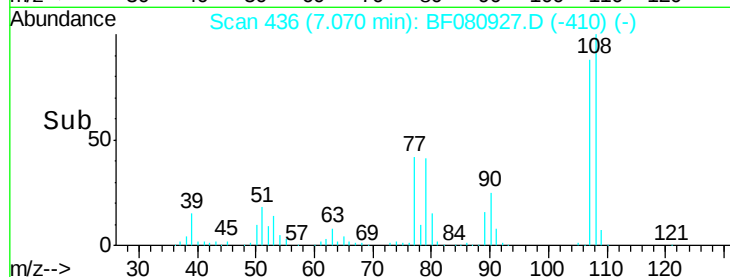
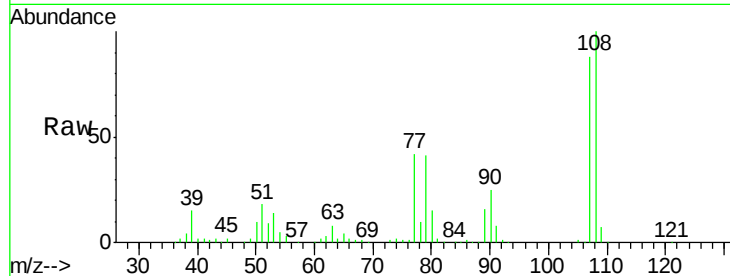
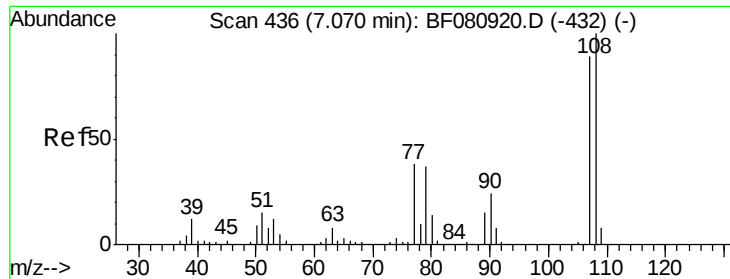
Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Tgt Ion:	45	Resp:	470879
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	29.6
79	8.4	0.0	27.7





#17

2-Methylphenol

Concen: 96.97 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Tgt Ion:	107	Resp:	283345
Ion Ratio	Lower	Upper	
107	100		
108	114.2	90.3	135.5
77	47.5	34.6	51.8
79	46.6	33.6	50.4

Instrument :

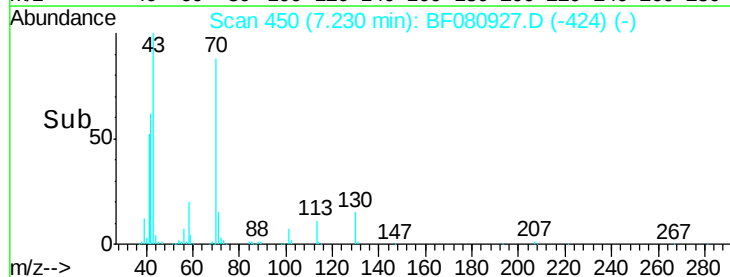
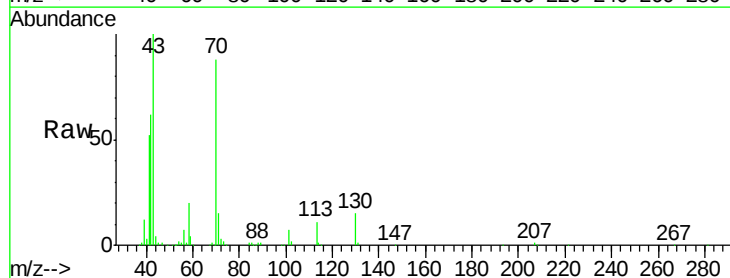
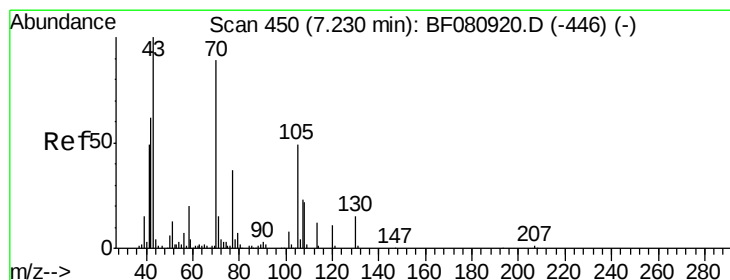
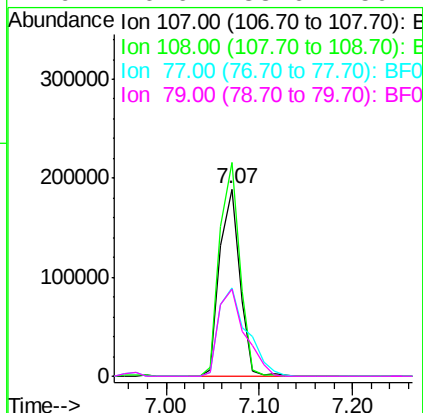
BNA_F

ClientSampleId :

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#19

n-Nitroso-di-n-propylamine

Concen: 103.63 ng

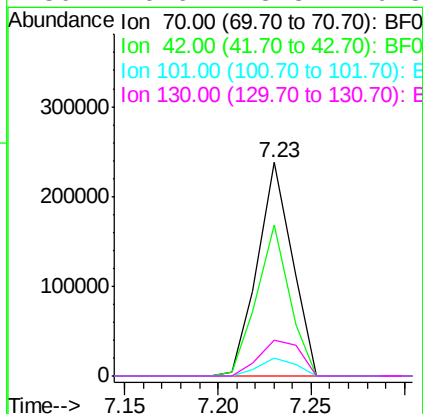
RT: 7.23 min Scan# 450

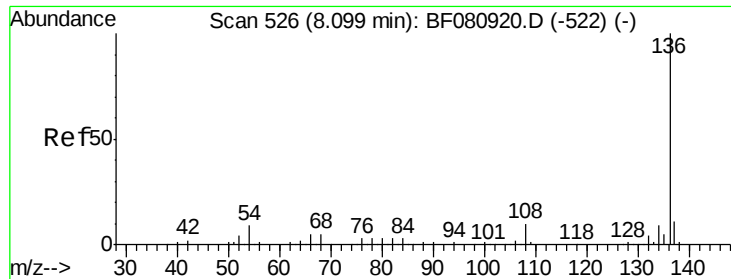
Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Tgt Ion:	70	Resp:	307077
Ion Ratio	Lower	Upper	
70	100		
42	70.5	55.7	83.5
101	8.5	7.0	10.6
130	16.6	13.8	20.8





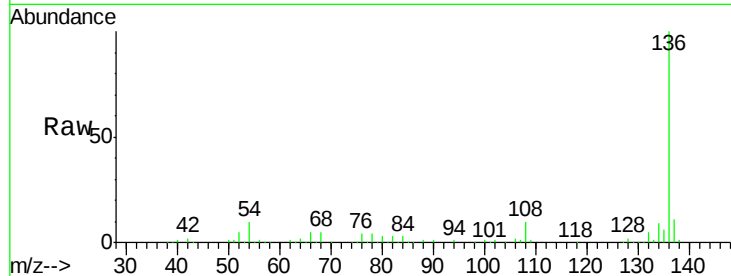
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Instrument :
BNA_F
ClientSampleId :
8524

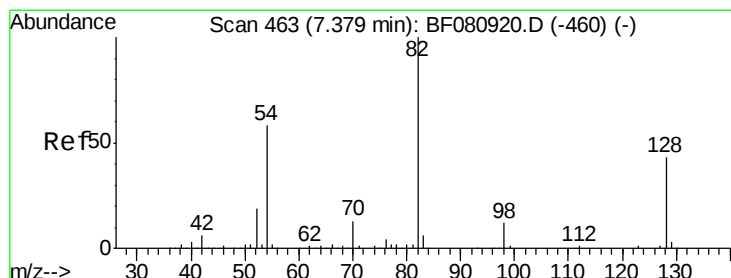
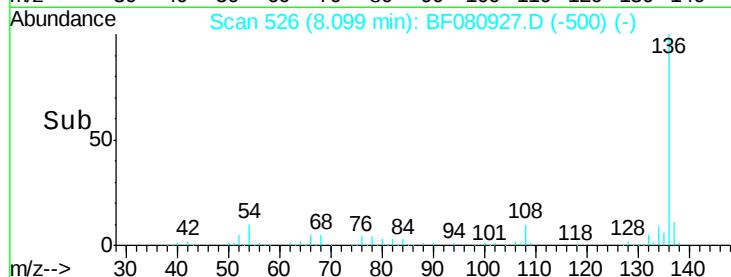
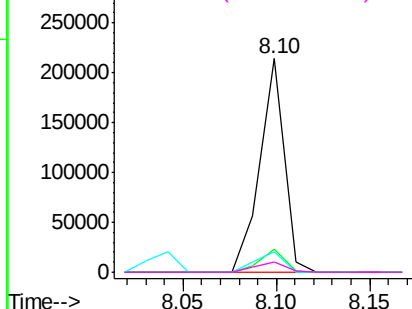
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	193204		
137	10.7	8.5	12.7	
54	9.7	7.1	10.7	
68	5.1	3.8	5.8	

Manual Integrations
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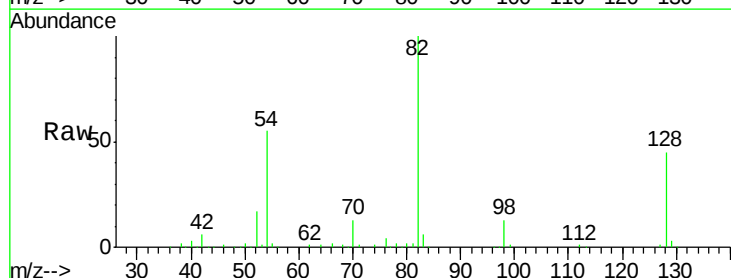


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

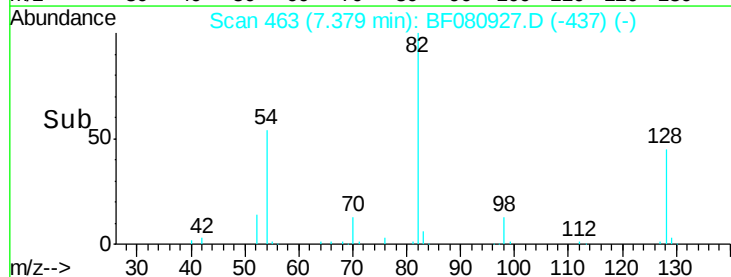
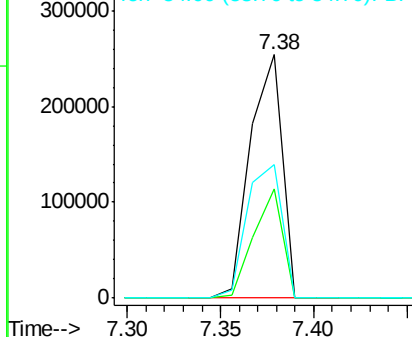


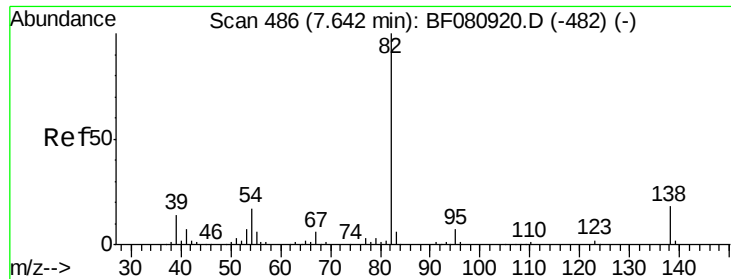
#23
Nitrobenzene-d5
Concen: 75.02 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	306426		
128	45.0	34.1	51.1	
54	55.1	46.5	69.7	



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





#25

Isophorone

Concen: 141.40 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Instrument :

BNA_F

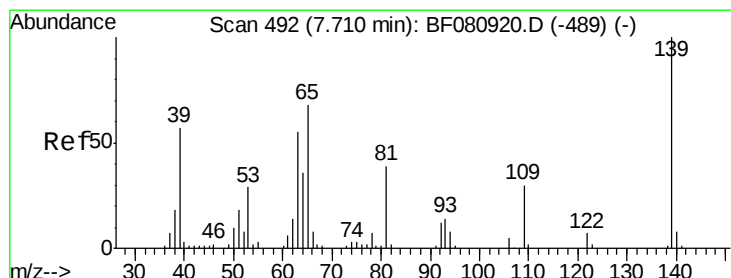
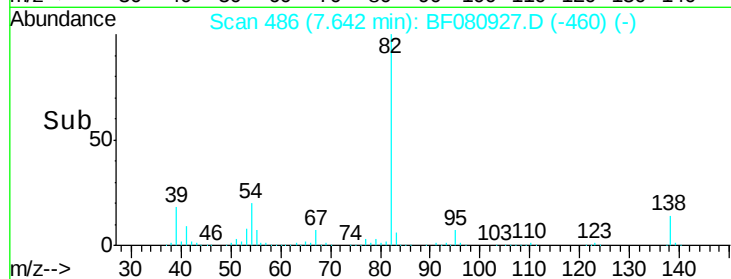
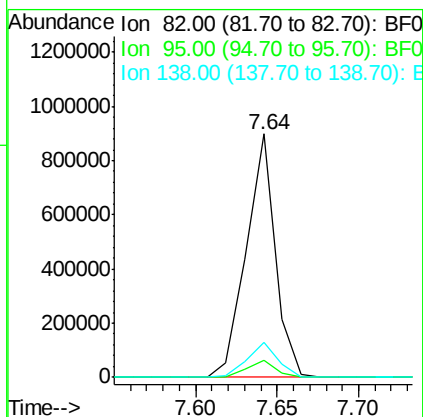
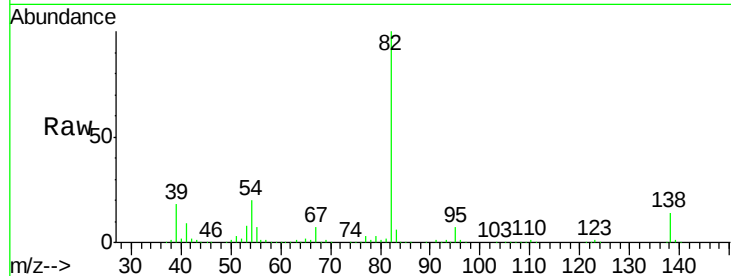
ClientSampled :

8524

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Tgt Ion: 82 Resp: 1110706
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 14.3 14.1 21.1



#26

2-Nitrophenol

Concen: 58.66 ng

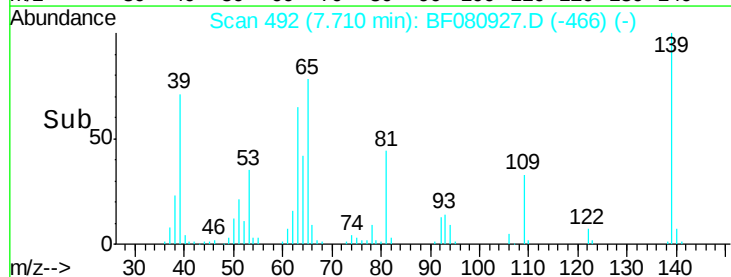
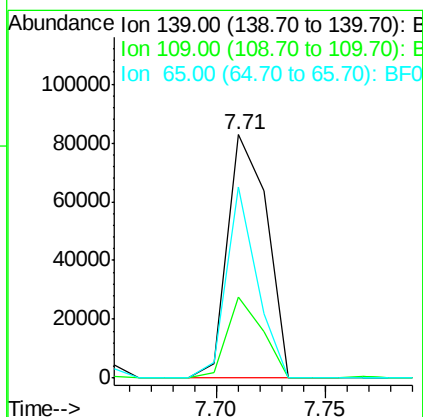
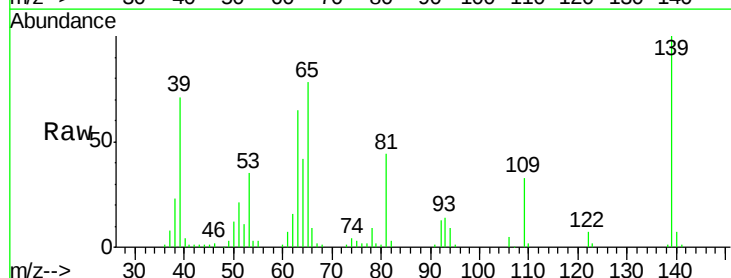
RT: 7.71 min Scan# 492

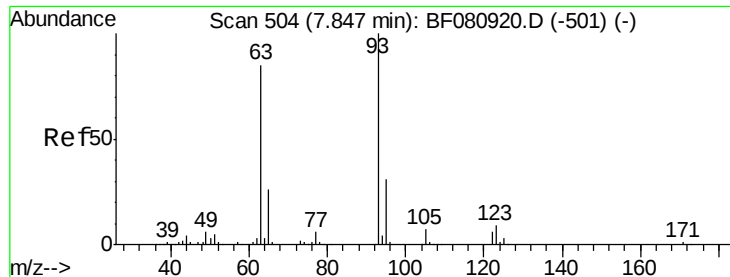
Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Tgt Ion: 139 Resp: 103806
Ion Ratio Lower Upper
139 100
109 33.1 24.1 36.1
65 78.3 54.0 81.0





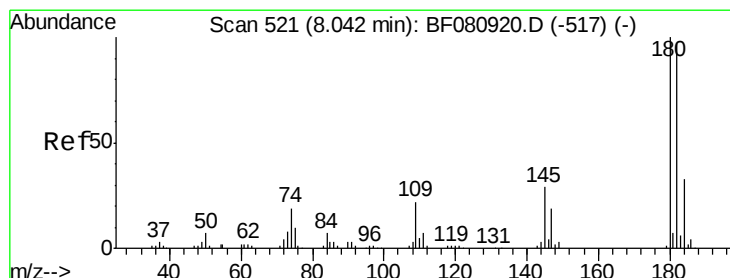
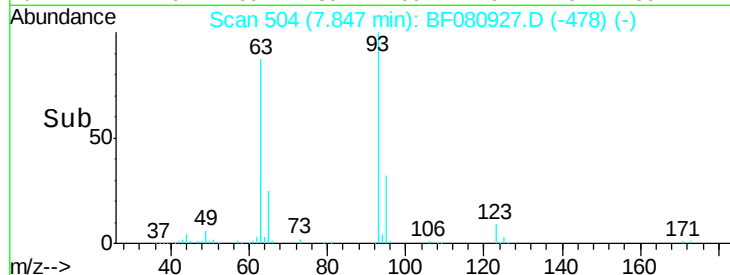
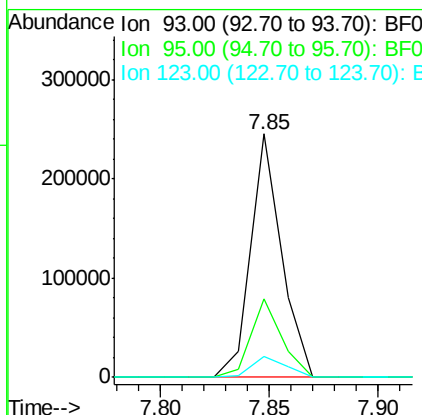
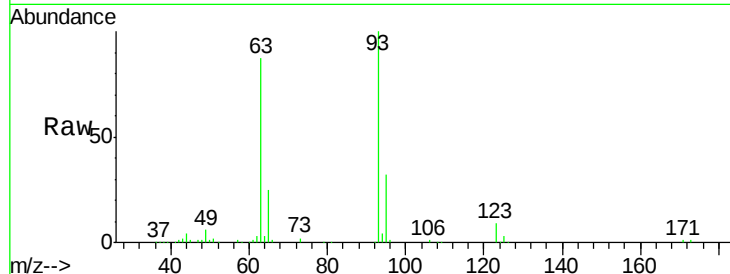
#28
 bis(2-Chloroethoxy)methane
 Concen: 51.08 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 8524

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	240876		
95	32.3	25.0	37.4	
123	8.7	7.4	11.0	

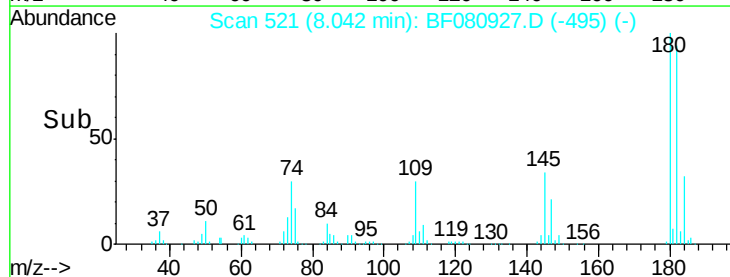
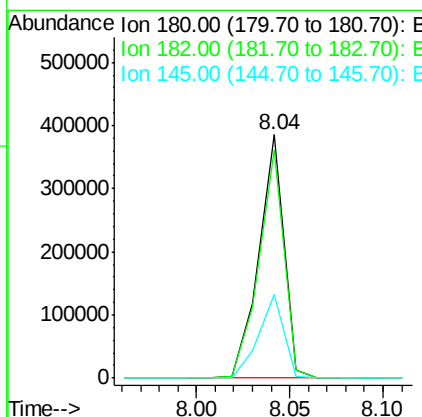
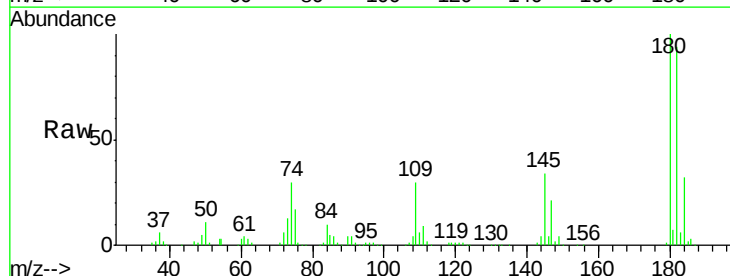
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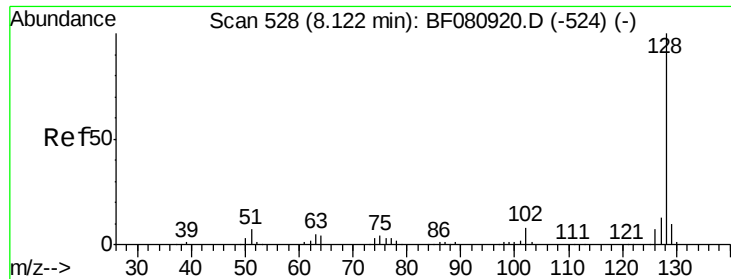
MMDadoda
 8/10/2015 7:18:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 119.50 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	355580		
182	93.6	77.4	116.0	
145	34.2	23.2	34.8	





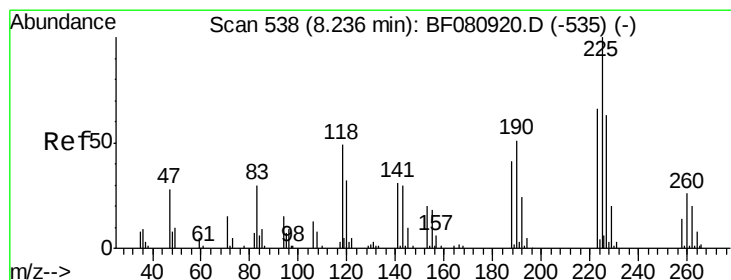
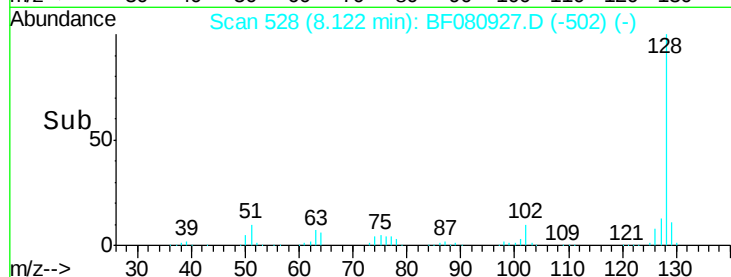
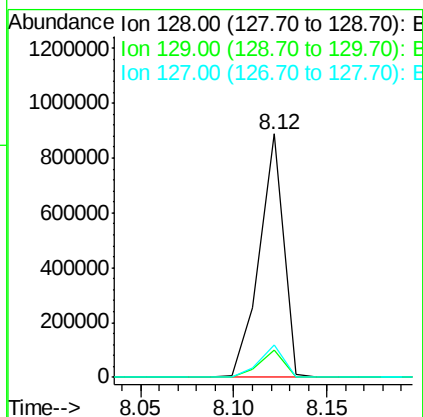
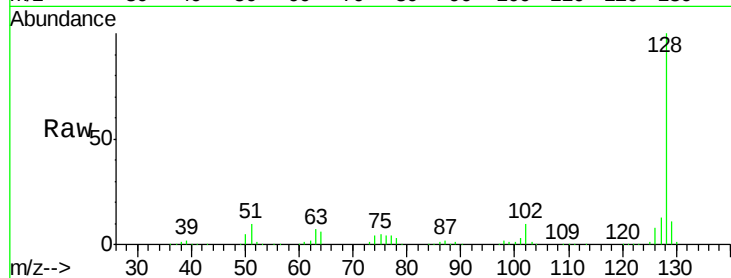
#31
Naphthalene
Concen: 74.48 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Instrument :
BNA_F
ClientSampleId :
8524

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.3	8.4	12.6
127	13.5	10.5	15.7

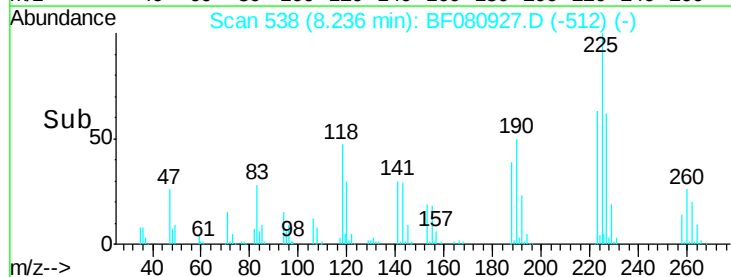
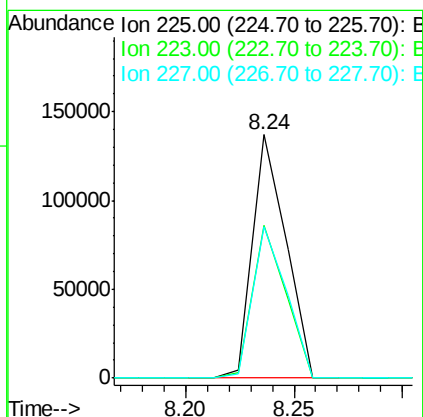
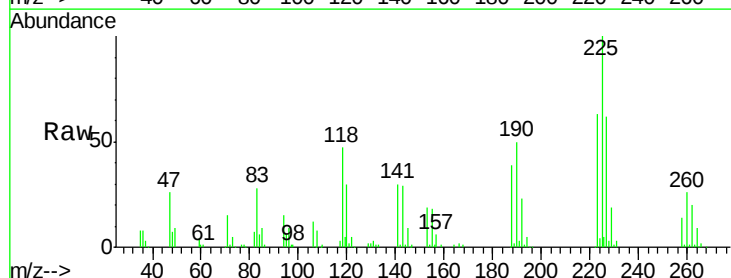
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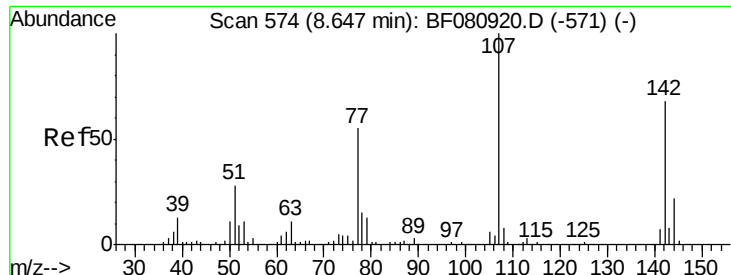
MMDadoda
8/10/2015 7:18:49 PM



#34
Hexachlorobutadiene
Concen: 83.04 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.6	52.5	78.7
227	62.4	50.3	75.5





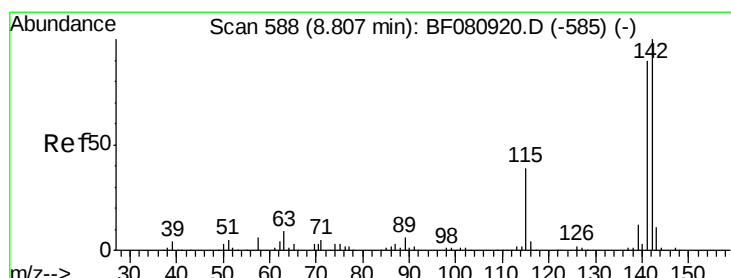
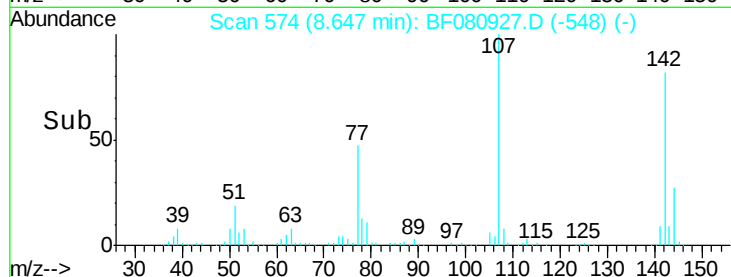
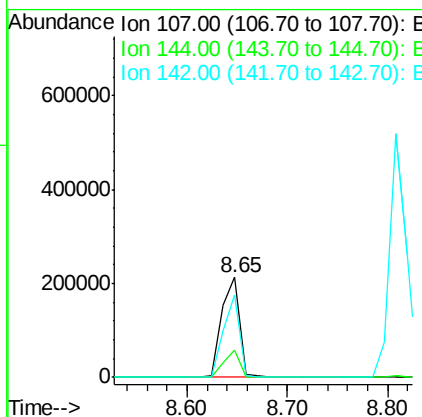
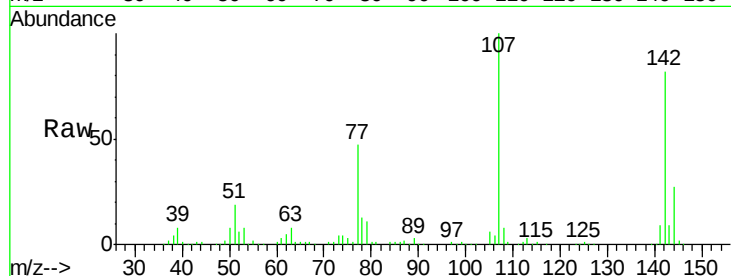
#36
 4-Chloro-3-methylphenol
 Concen: 78.93 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 8524

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	262195		
144	26.8	17.3	25.9#	
142	82.1	54.4	81.6#	

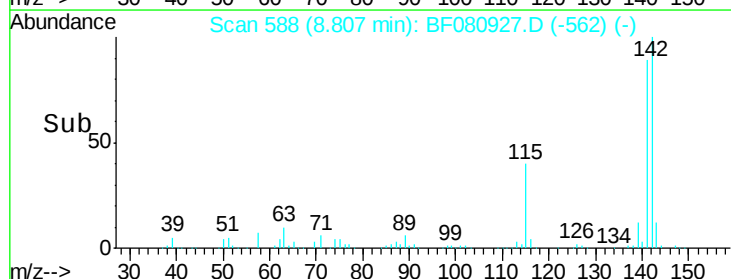
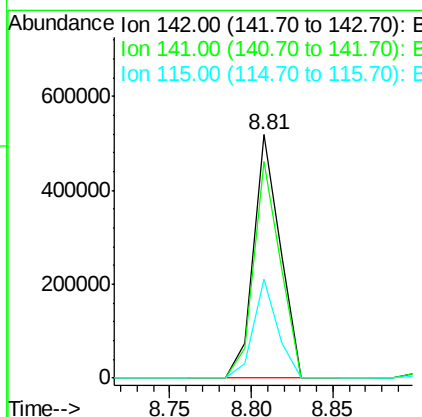
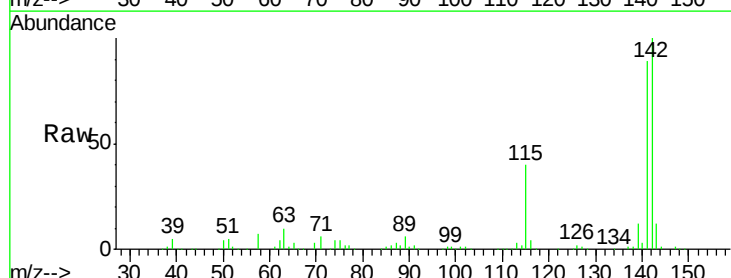
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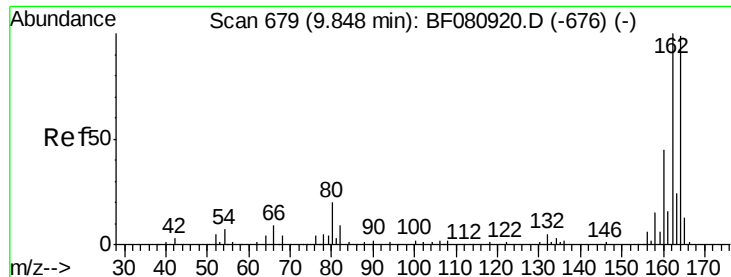
MMDadoda
 8/10/2015 7:18:49 PM



#37
 2-Methylnaphthalene
 Concen: 86.48 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	586248		
141	89.2	71.7	107.5	
115	40.5	30.9	46.3	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Instrument :

BNA_F

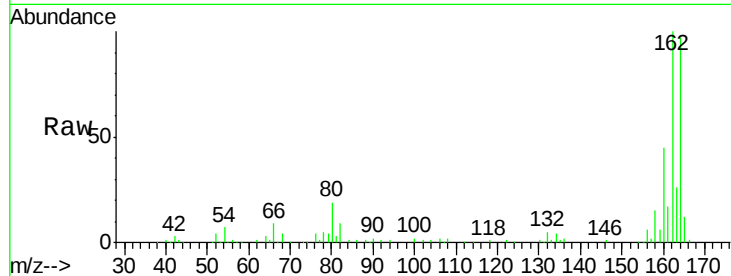
ClientSampleId :

8524

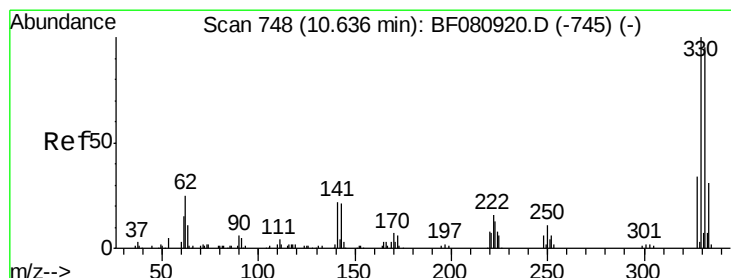
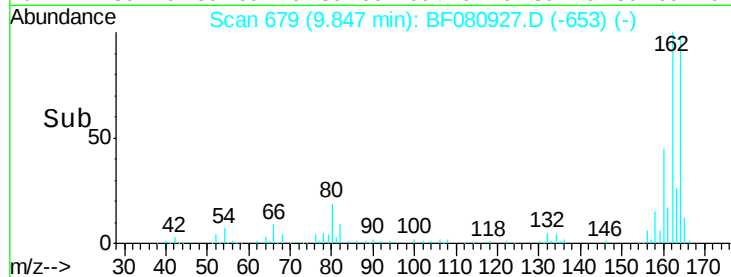
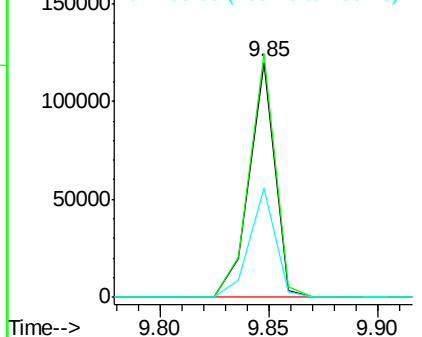
Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:18:49 PM

Tgt Ion:	164	Resp:	98402
Ion Ratio	Lower	Upper	
164	100		
162	103.6	80.5	120.7
160	46.3	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 125.21 ng

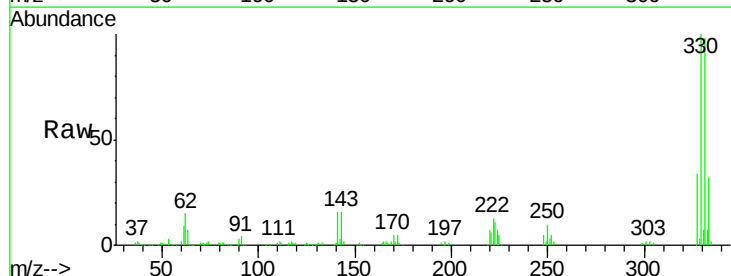
RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

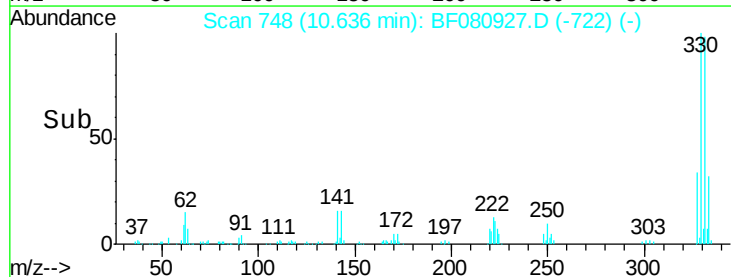
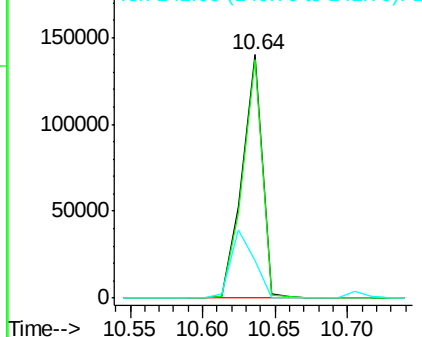
Lab File: BF080927.D

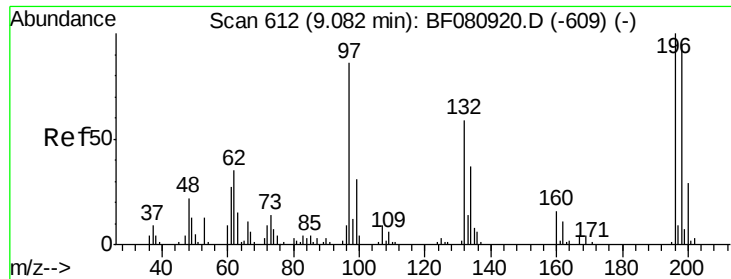
Acq: 7 Aug 2015 15:20

Tgt Ion:	330	Resp:	135358
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.2	114.4
141	32.5	27.8	41.8



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





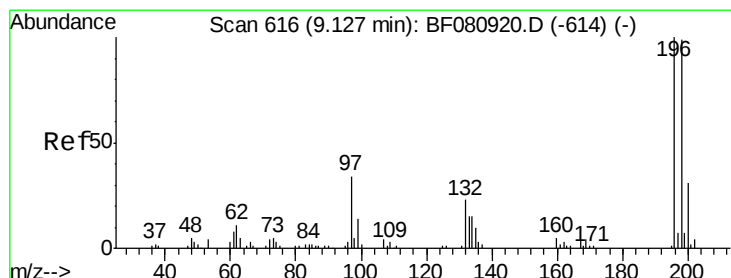
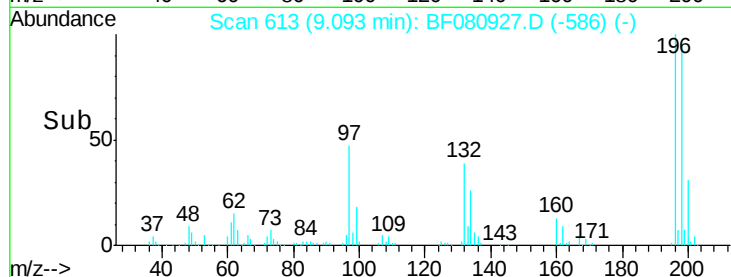
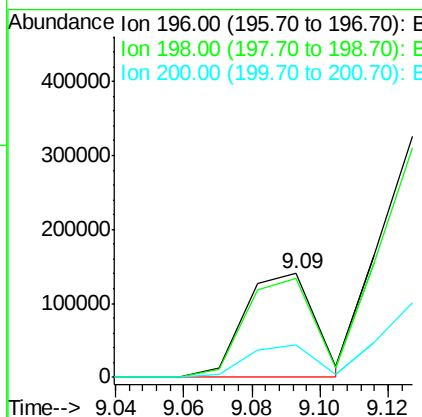
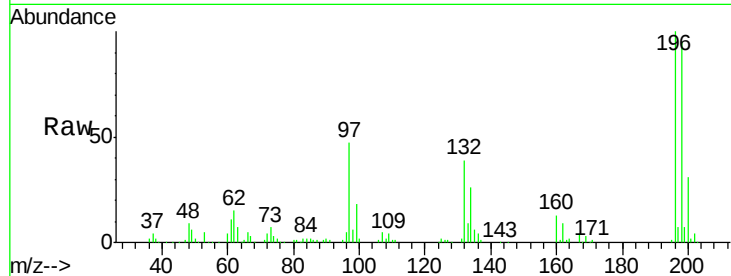
#42
 2,4,6-Trichlorophenol
 Concen: 90.52 ng m
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Instrument :
 BNA_F
 ClientSampled :
 8524

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201264		
198	95.5	75.9	113.9	
200	30.9	23.1	34.7	

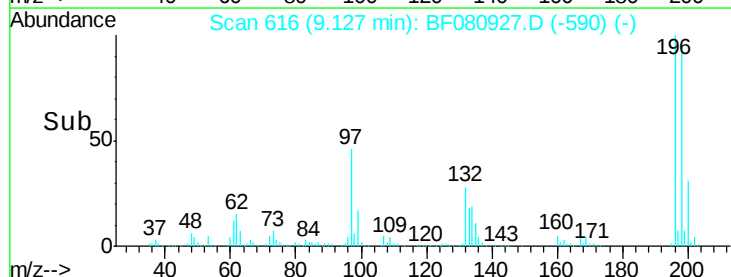
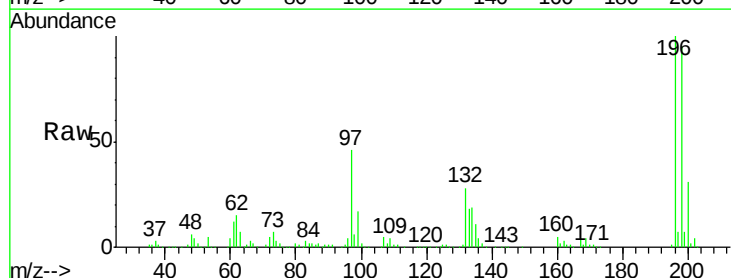
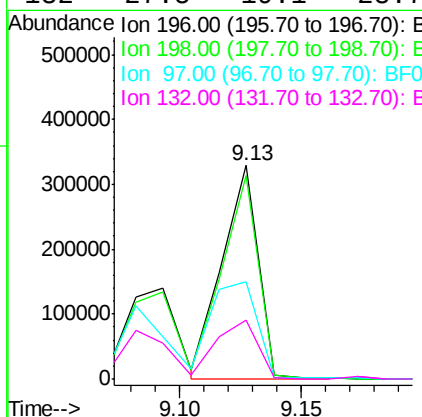
Manual Integrations
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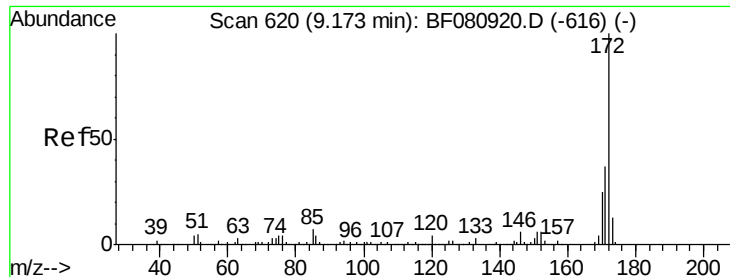
MMDadoda
 8/10/2015 7:18:49 PM



#43
 2,4,5-Trichlorophenol
 Concen: 153.80 ng m
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	344582		
198	95.2	78.9	118.3	
97	45.8	29.1	43.7#	
132	27.5	19.1	28.7	





#44

2-Fluorobiphenyl

Concen: 71.05 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Instrument :

BNA_F

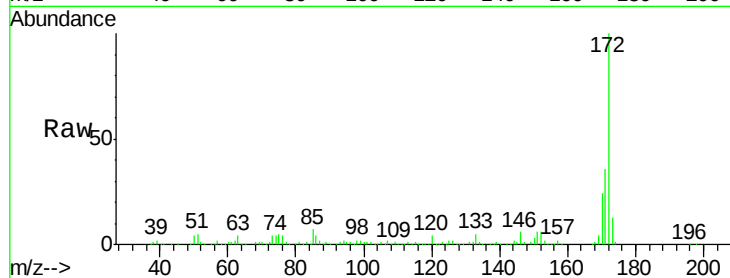
ClientSampleId :

8524

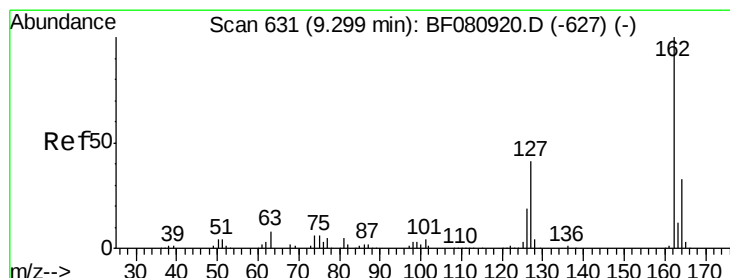
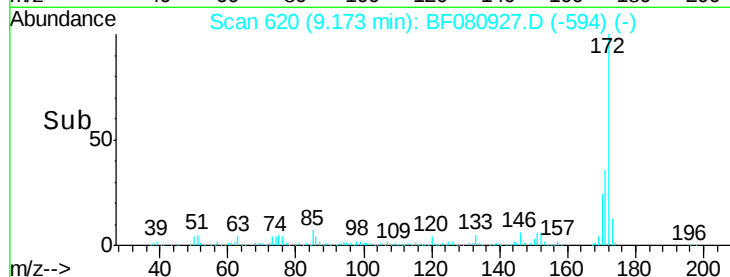
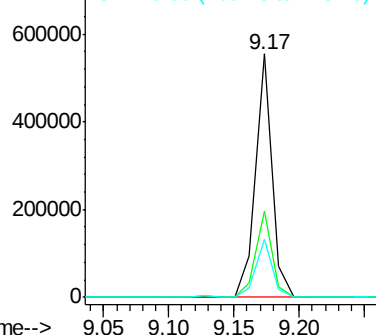
Manual Integrations
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8/10/2015 7:18:49 PM

Tgt Ion:	172	Resp:	496630
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.4	44.0
170	23.9	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

2-Chloronaphthalene

Concen: 98.52 ng

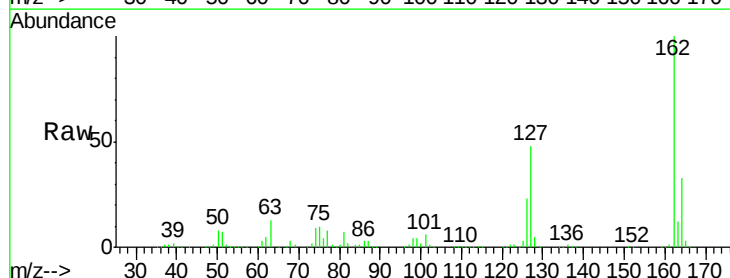
RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

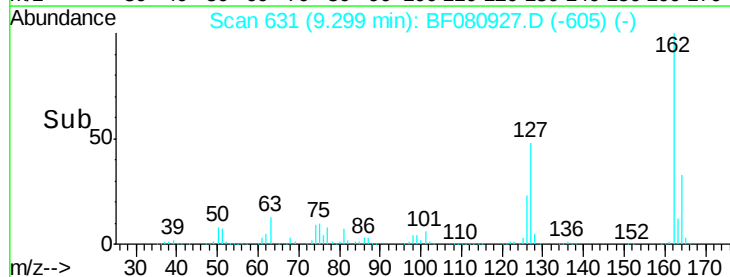
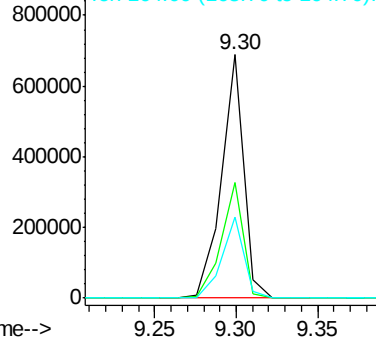
Lab File: BF080927.D

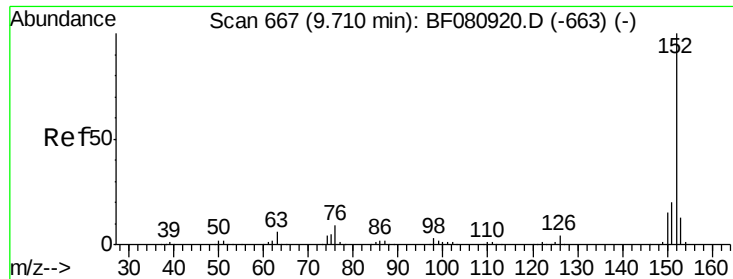
Acq: 7 Aug 2015 15:20

Tgt Ion:	162	Resp:	648674
Ion Ratio	Lower	Upper	
162	100		
127	47.7	32.5	48.7
164	33.2	26.2	39.4



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





#48

Acenaphthylene

Concen: 43.49 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Instrument :

BNA_F

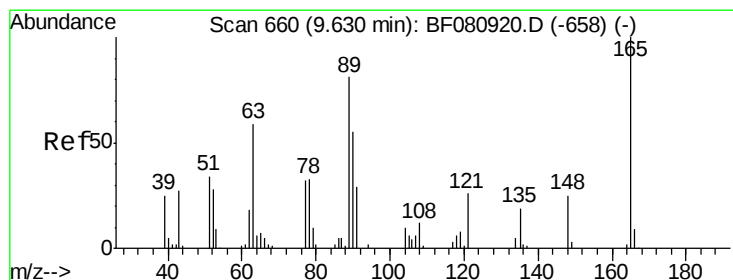
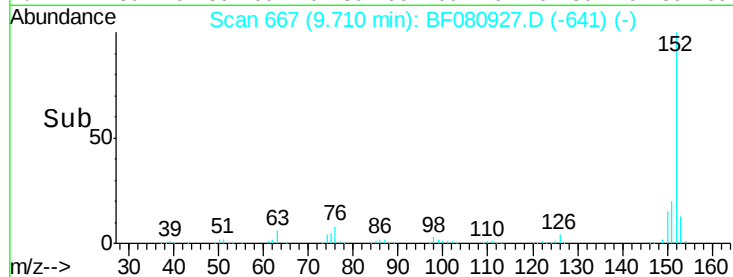
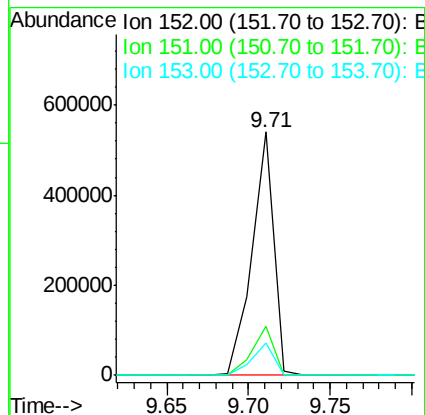
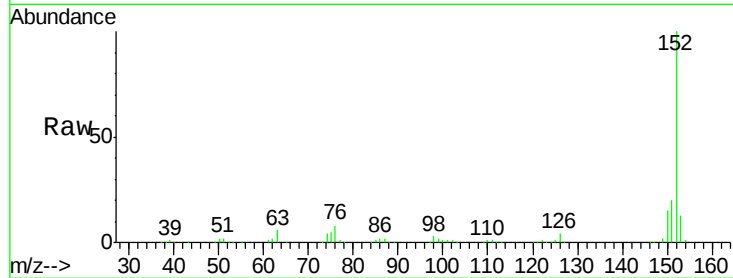
ClientSampleId :

8524

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Tgt Ion:	152	Resp:	497824
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.3	10.5	15.7



#50

2,6-Dinitrotoluene

Concen: 156.27 ng

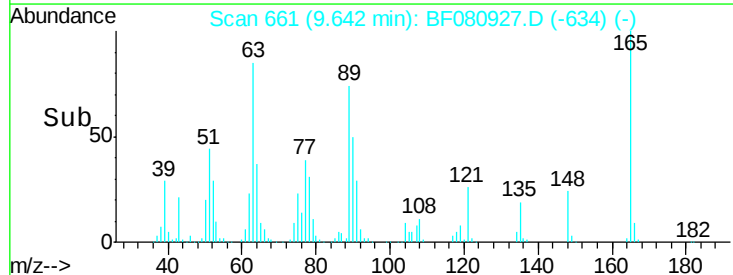
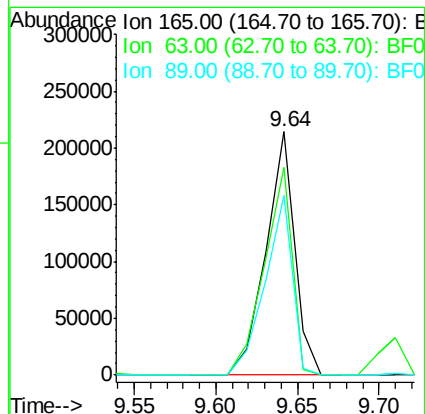
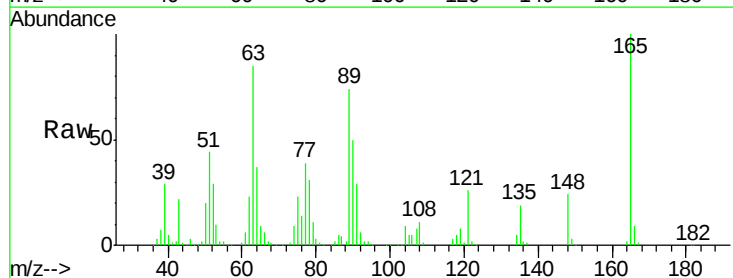
RT: 9.64 min Scan# 661

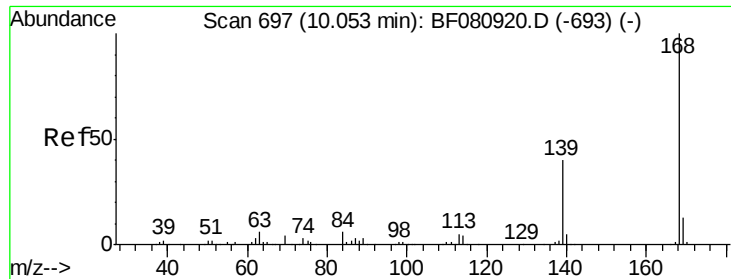
Delta R.T. 0.01 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

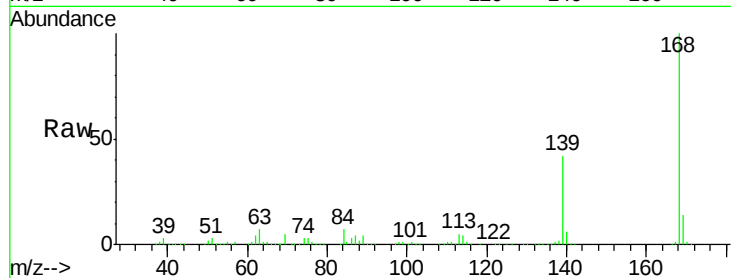
Tgt Ion:	165	Resp:	263890
Ion Ratio	Lower	Upper	
165	100		
63	85.4	77.6	116.4
89	73.5	64.5	96.7





#54
Dibenzofuran
Concen: 169.13 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

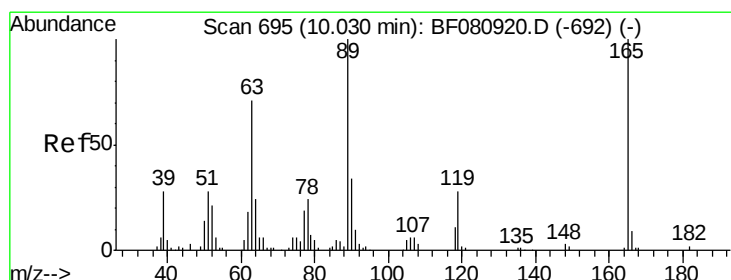
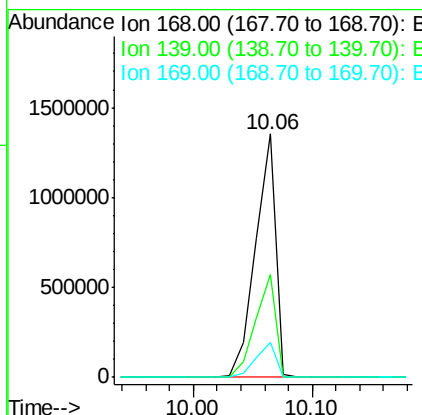
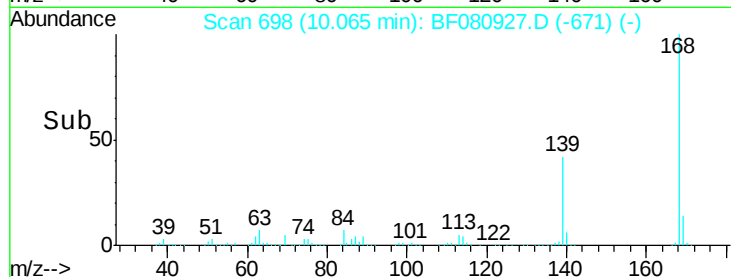
Instrument :
BNA_F
ClientSampleId :
8524



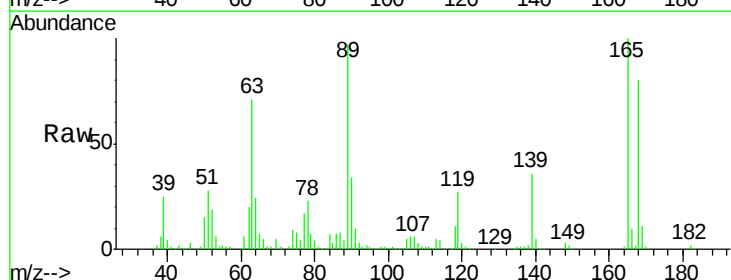
Tgt Ion:168 Resp: 1603320
Ion Ratio Lower Upper
168 100
139 42.0 31.9 47.9
169 14.1 10.6 15.8

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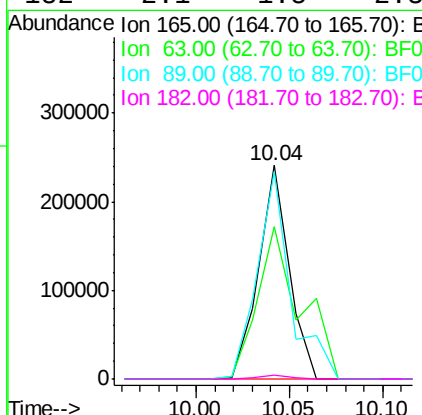
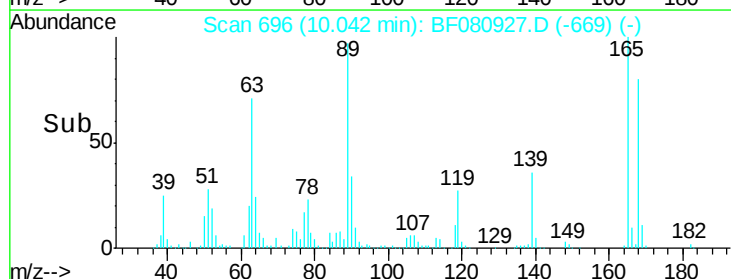
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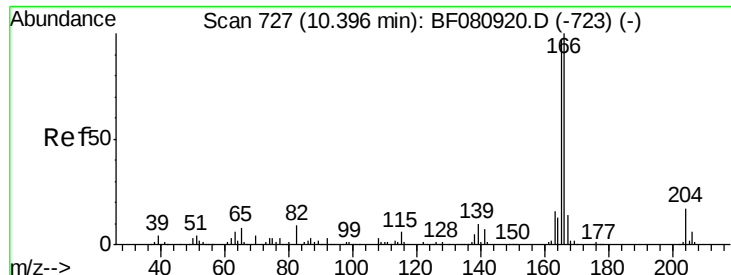


#56
2,4-Dinitrotoluene
Concen: 120.25 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20



Tgt Ion:165 Resp: 271711
Ion Ratio Lower Upper
165 100
63 71.4 56.7 85.1
89 97.1 80.4 120.6
182 2.1 1.5 2.3





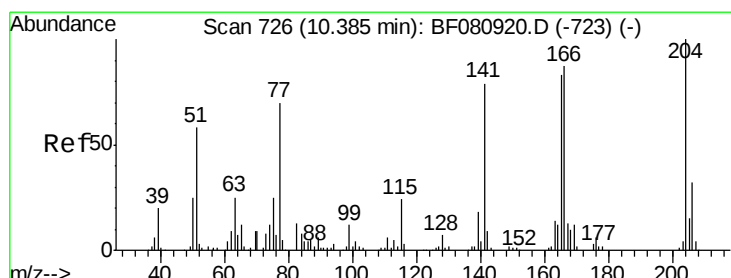
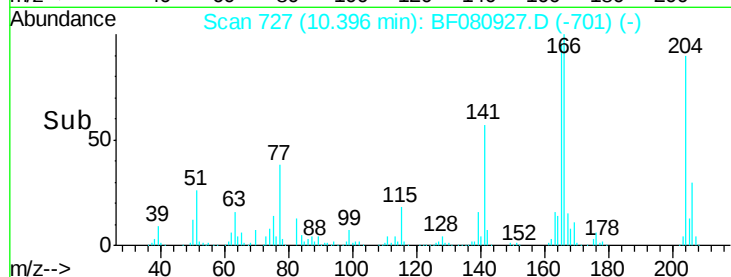
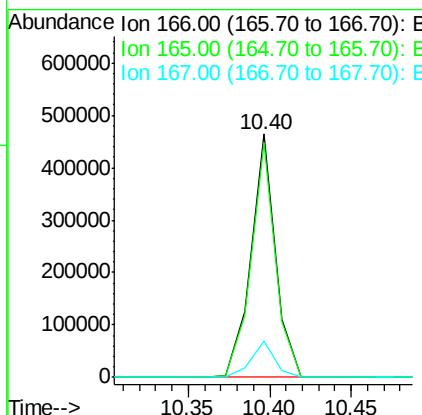
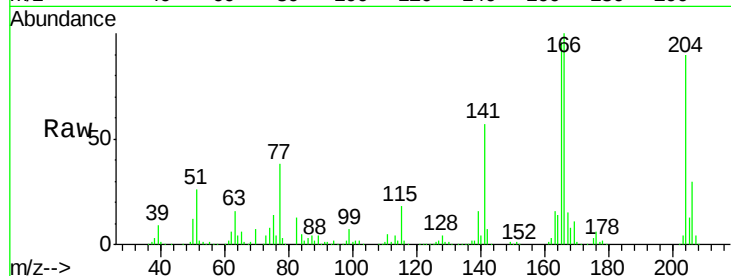
#57
 Fluorene
 Concen: 65.83 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 8524

Manual Integrations
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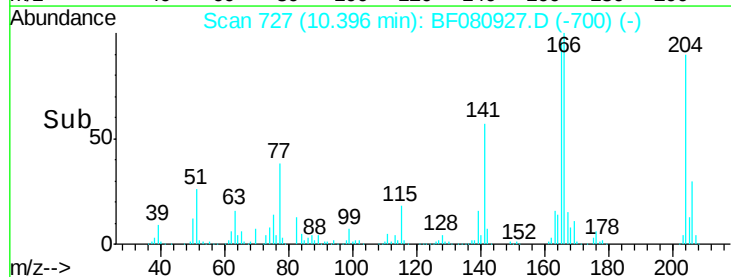
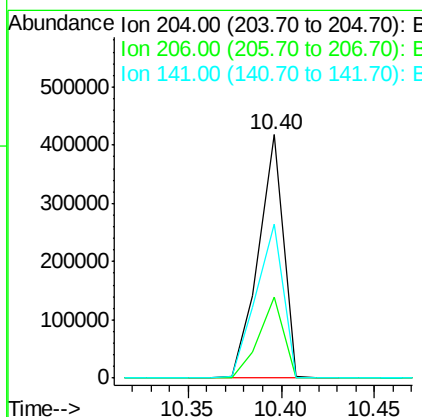
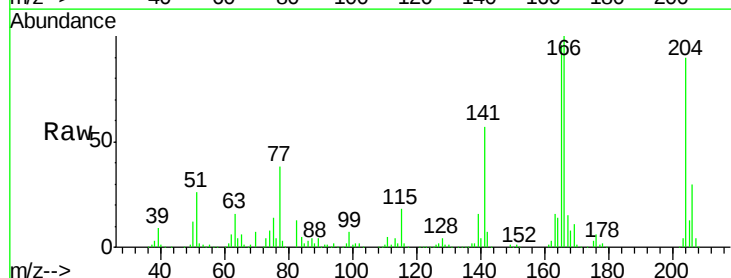
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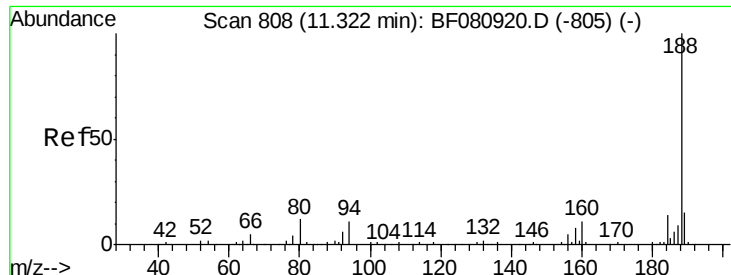
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	482730		
165	96.2		77.2	115.8
167	14.7		10.8	16.2



#60
 4-Chlorophenyl-phenylether
 Concen: 108.26 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	386836		
206	33.1		25.5	38.3
141	63.3		63.4	95.0#





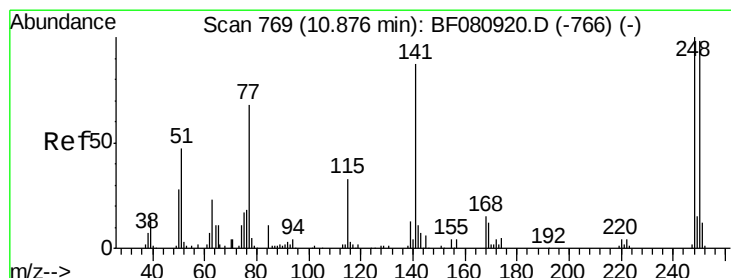
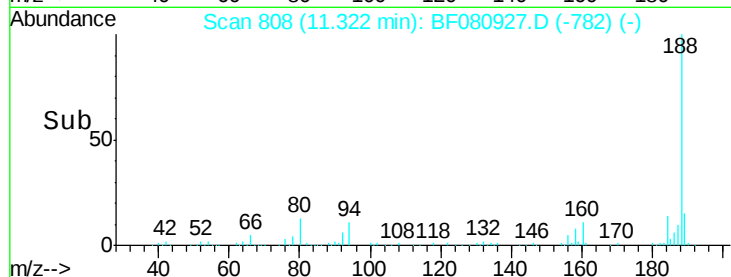
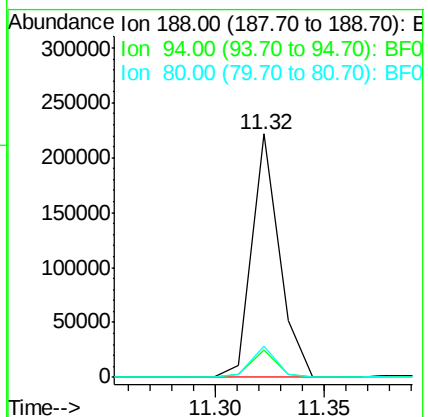
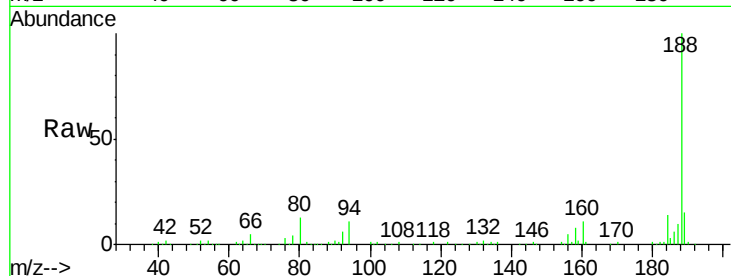
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Instrument :
BNA_F
ClientSampled :
8524

Tgt Ion:	188	Resp:	195244
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.8	13.2
80	12.5	9.5	14.3

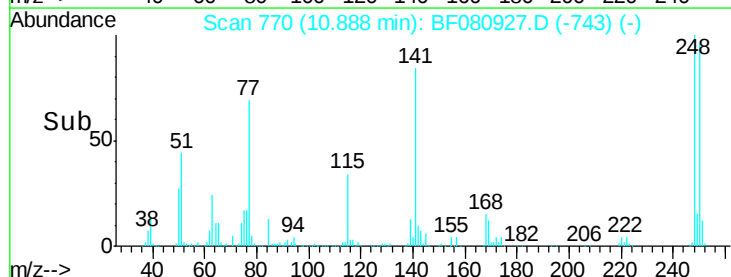
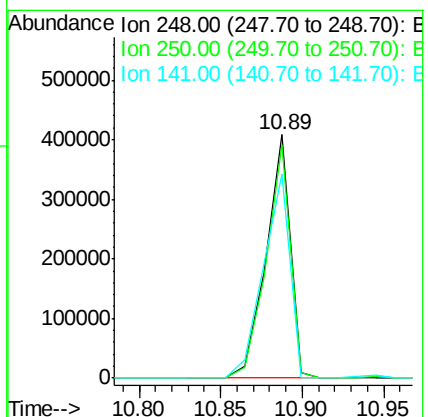
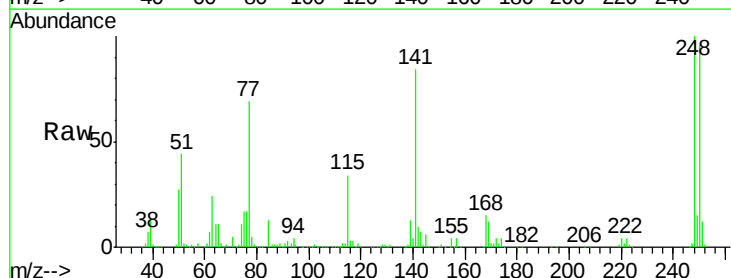
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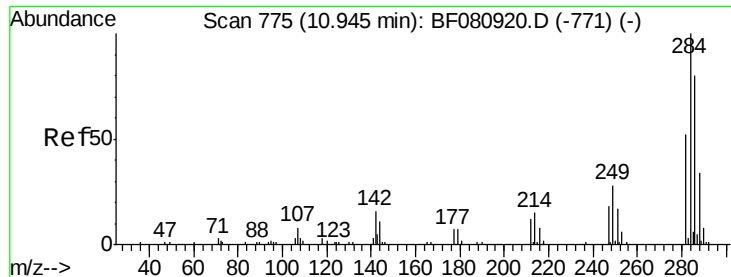
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#66
4-Bromophenyl-phenylether
Concen: 203.77 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Tgt Ion:	248	Resp:	421368
Ion Ratio	Lower	Upper	
248	100		
250	95.6	78.1	117.1
141	83.7	69.6	104.4





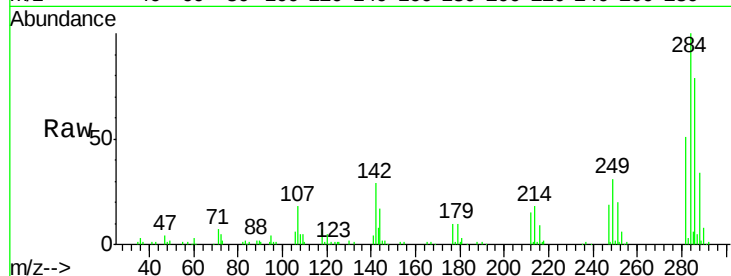
#67
Hexachlorobenzene
Concen: 45.00 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Instrument :
BNA_F
ClientSampled :
8524

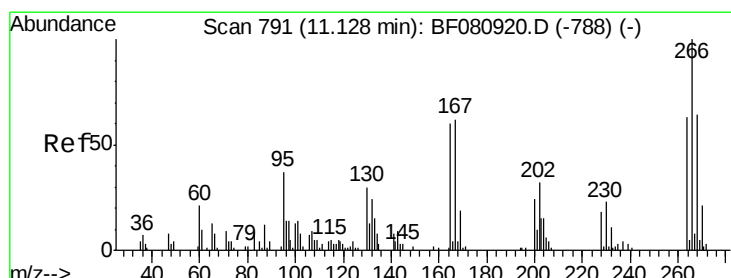
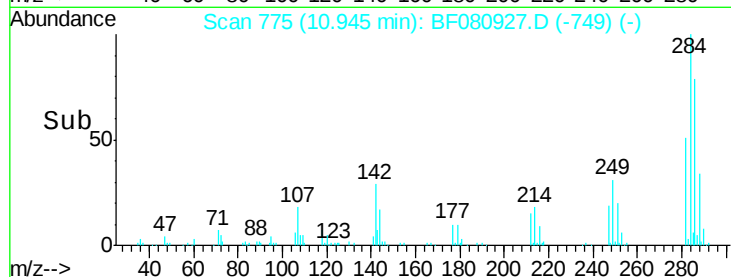
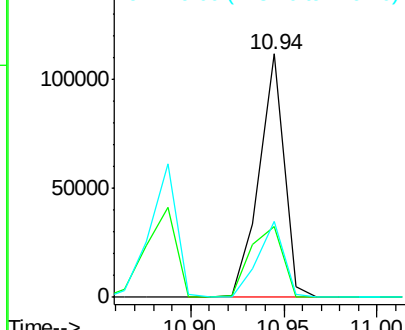
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	103465		
142	29.0	12.8	19.2#	
249	31.4	22.5	33.7	

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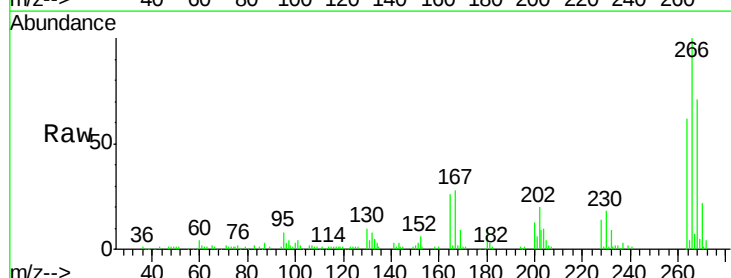


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

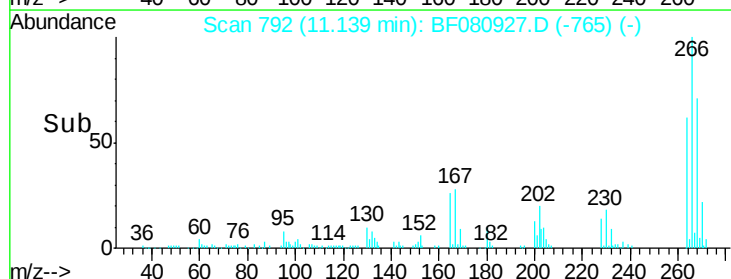
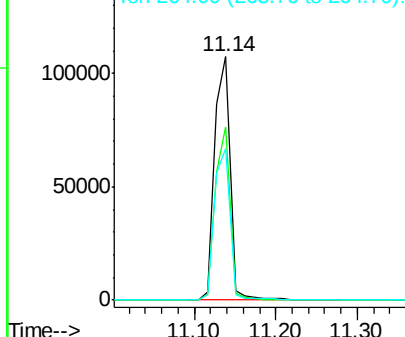


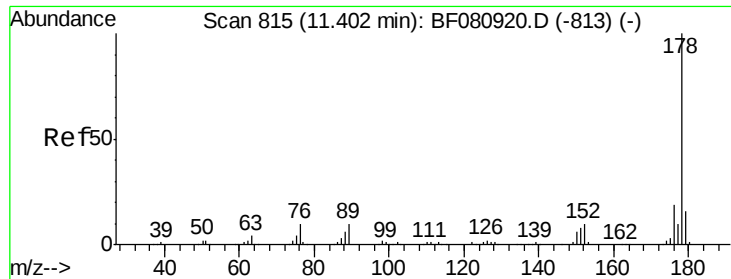
#69
Pentachlorophenol
Concen: 106.98 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	143019		
268	71.0	51.6	77.4	
264	62.1	50.1	75.1	



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





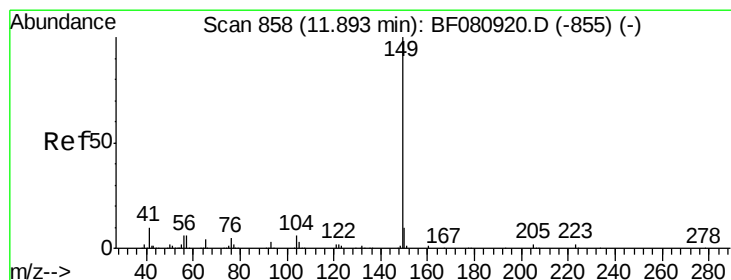
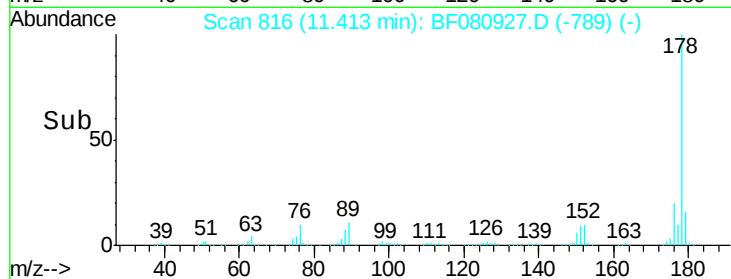
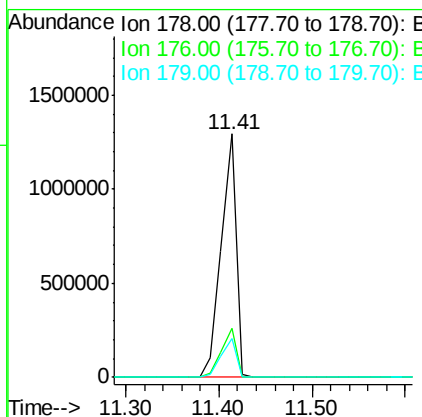
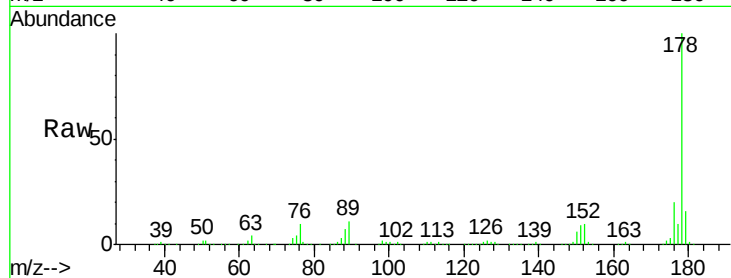
#71
 Anthracene
 Concen: 131.08 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 8524

Tgt Ion:178 Resp: 1434770
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.5 23.3
 179 16.1 12.6 18.8

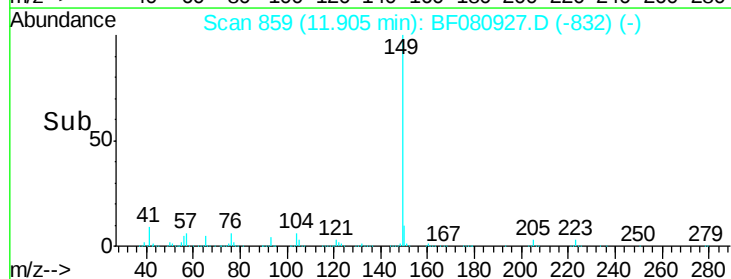
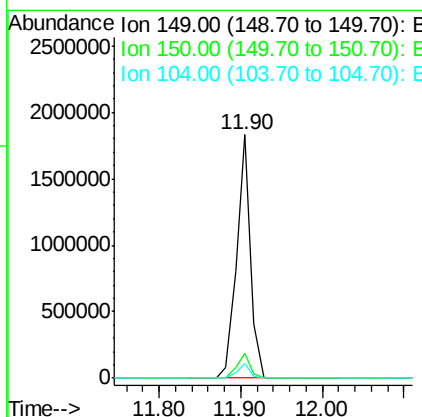
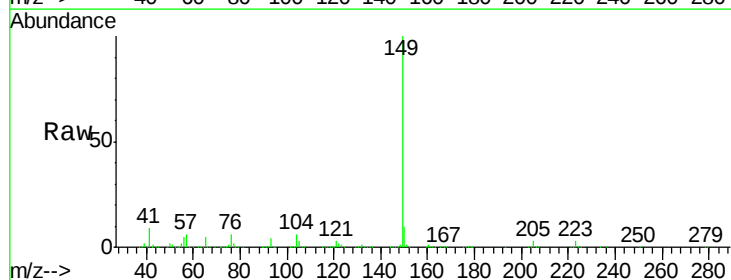
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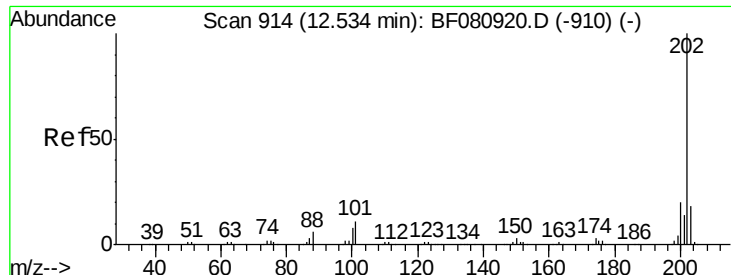
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#73
 Di-n-butylphthalate
 Concen: 161.35 ng
 RT: 11.90 min Scan# 859
 Delta R.T. 0.01 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Tgt Ion:149 Resp: 2150068
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.6 11.4
 104 5.8 4.4 6.6





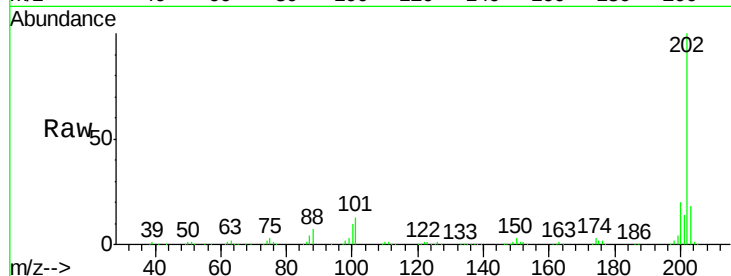
#74
 Fluoranthene
 Concen: 46.95 ng
 RT: 12.53 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 8524

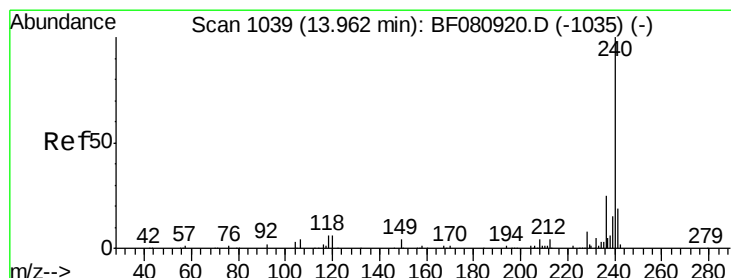
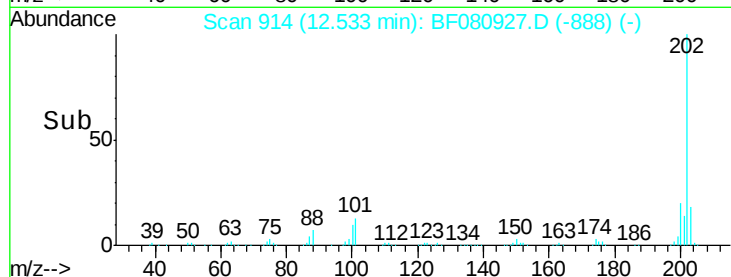
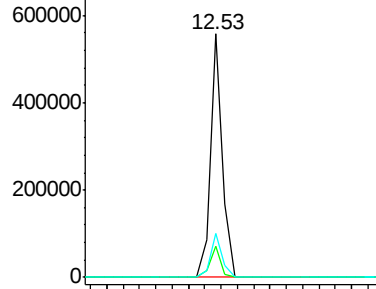
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	0.0	30.5
203	18.1	0.0	37.7

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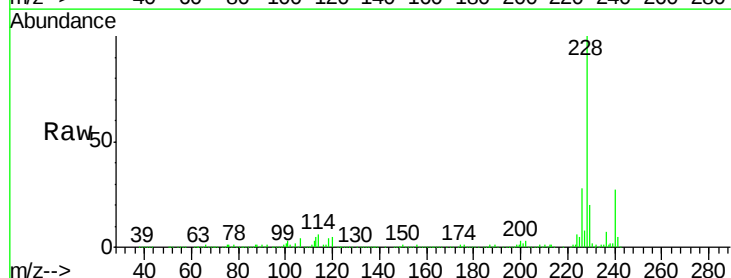


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

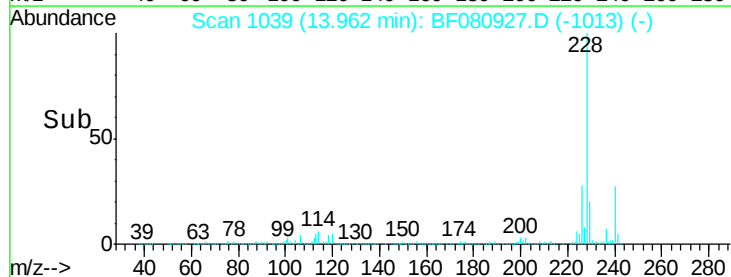
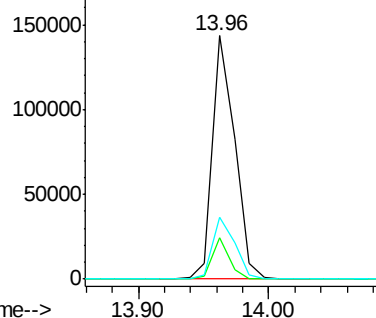


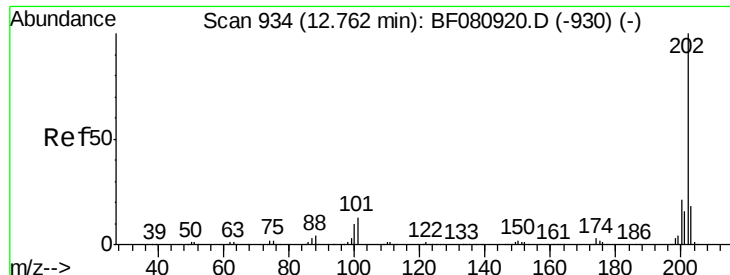
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	16.9	5.2	7.8#
236	25.7	20.2	30.4



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





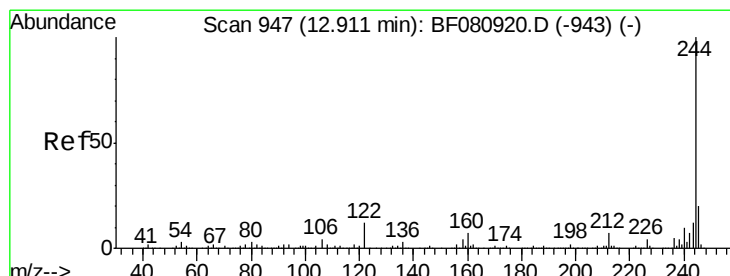
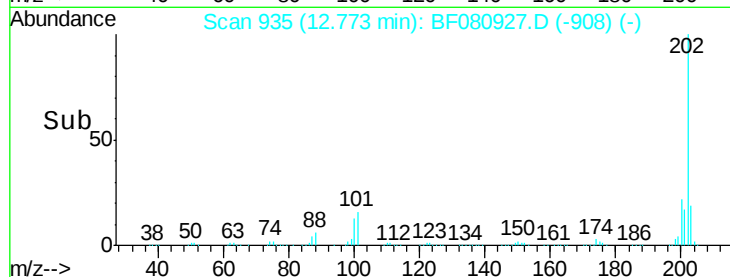
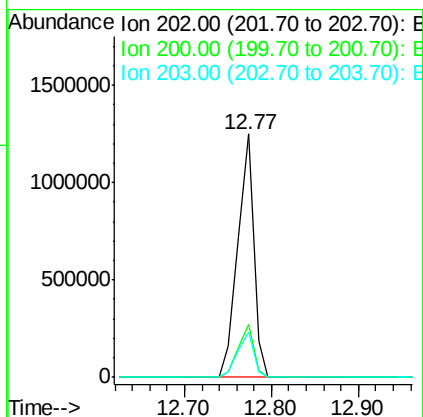
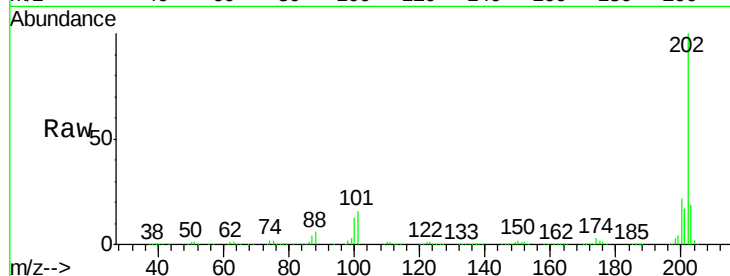
#77
 Pyrene
 Concen: 128.55 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 8524

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	24.8
203	18.5	14.2	21.2

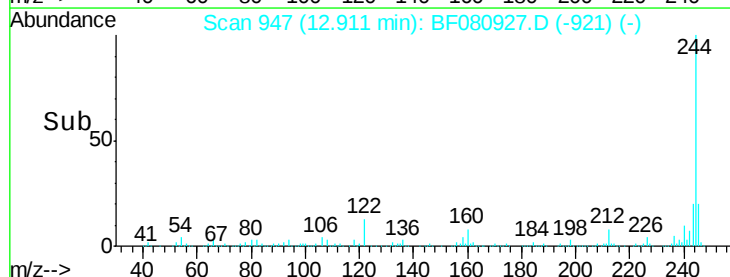
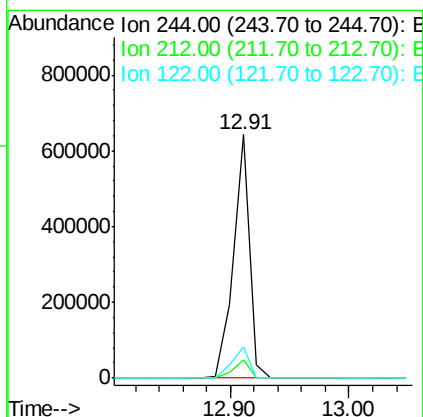
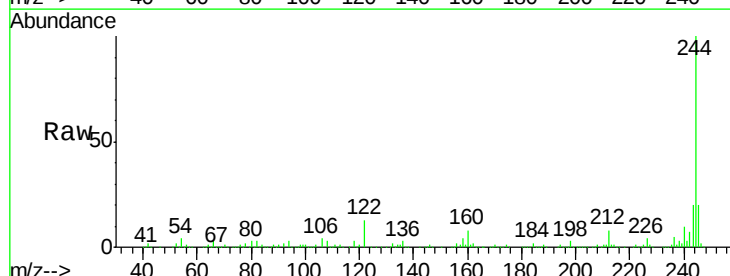
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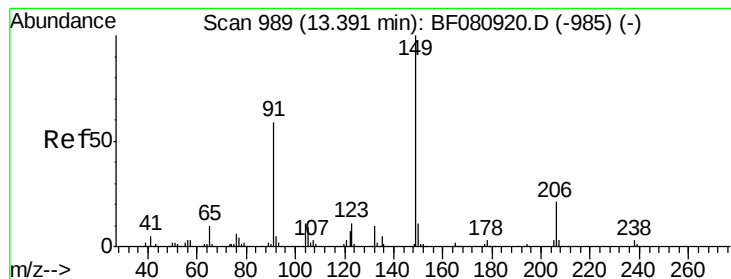
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#78
 Terphenyl-d14
 Concen: 73.93 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	12.7	9.4	14.2





#79

Butylbenzylphthalate

Concen: 127.52 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Instrument :

BNA_F

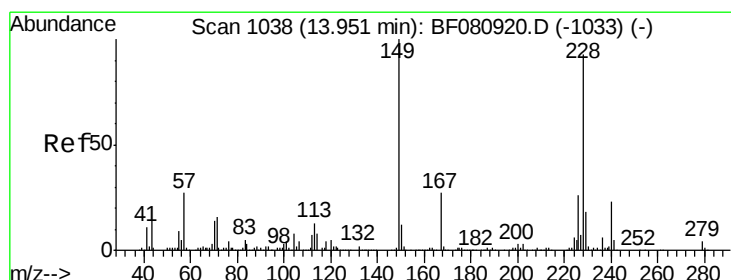
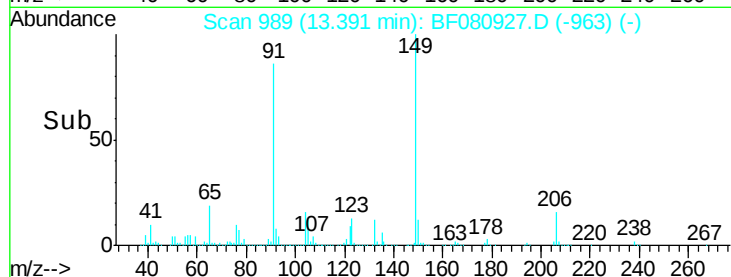
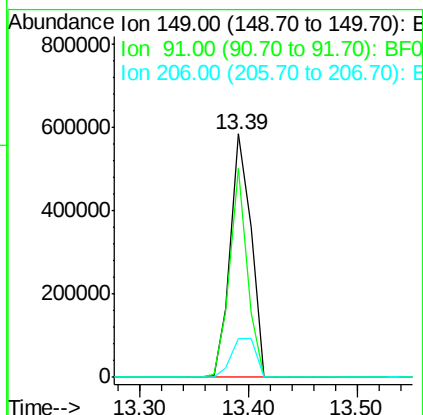
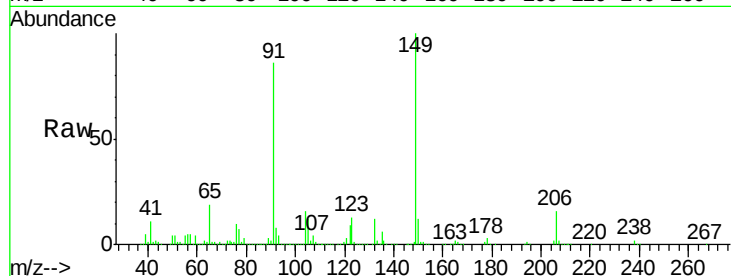
ClientSampleId :

8524

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	764761		
91	85.8	47.2	70.8#	
206	15.8	16.5	24.7#	



#80

Benzo(a)anthracene

Concen: 112.29 ng

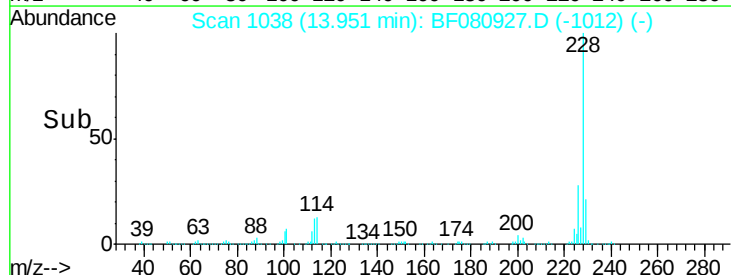
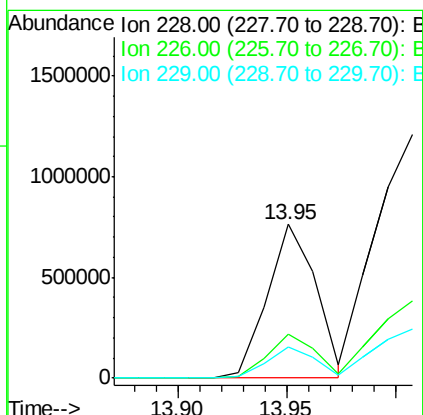
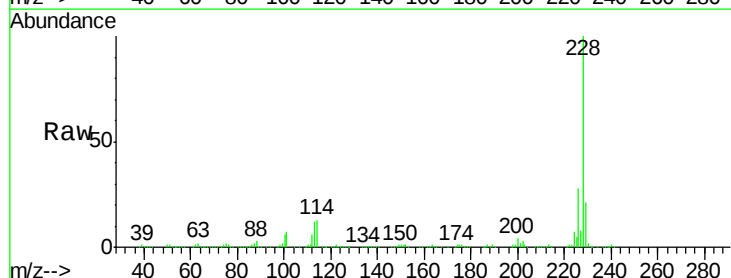
RT: 13.95 min Scan# 1038

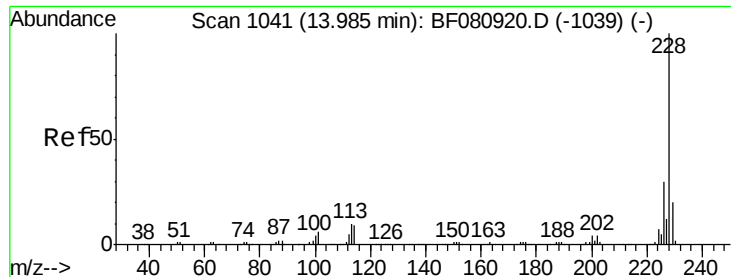
Delta R.T. -0.00 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1194447		
226	28.2	22.2	33.2	
229	20.6	15.8	23.6	





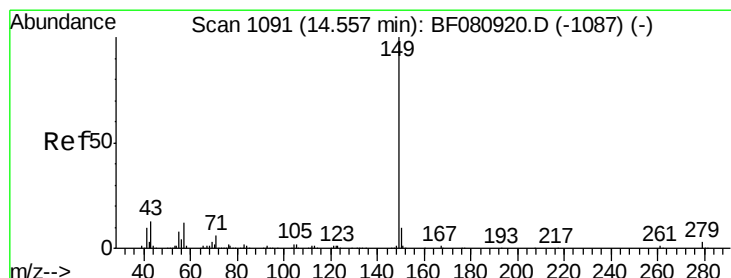
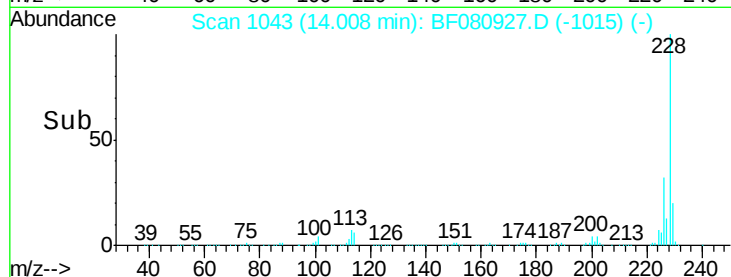
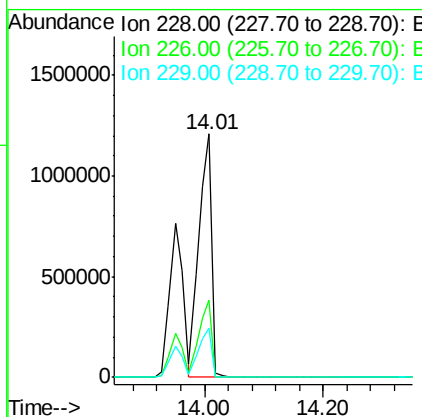
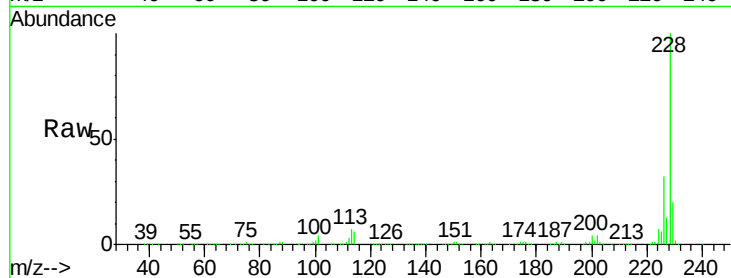
#82
Chrysene
Concen: 182.48 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.02 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Instrument :
BNA_F
ClientSampleId :
8524

Tgt Ion: 228 Resp: 1858758
Ion Ratio Lower Upper
228 100
226 31.8 23.9 35.9
229 20.3 15.8 23.6

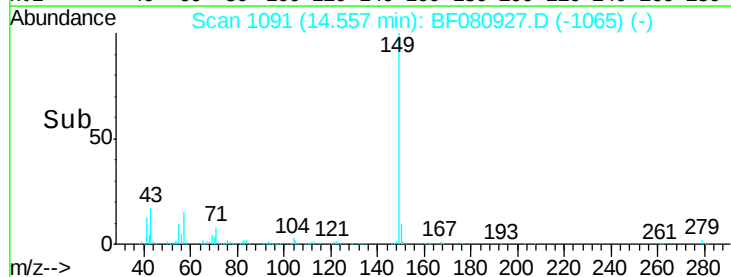
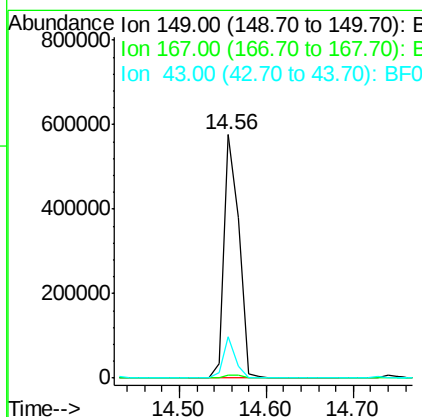
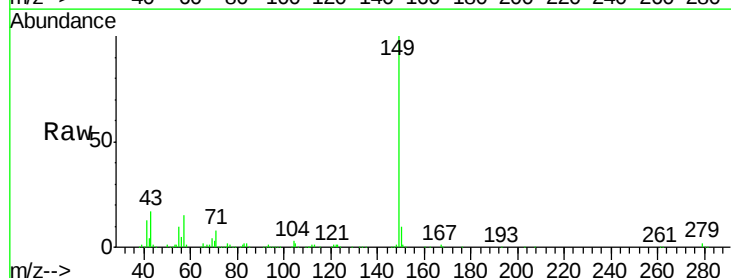
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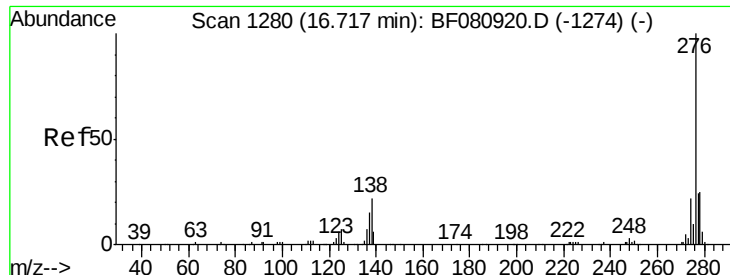
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#84
Di-n-octyl phthalate
Concen: 48.85 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Tgt Ion: 149 Resp: 691216
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 14.3 11.0 16.4





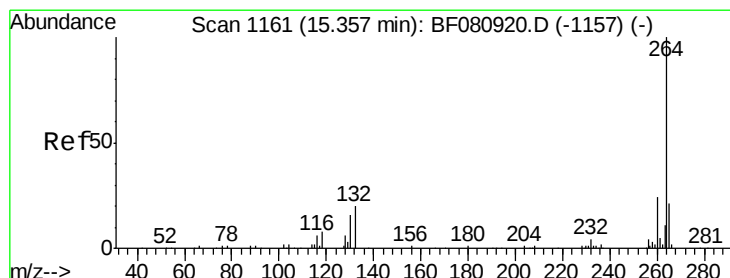
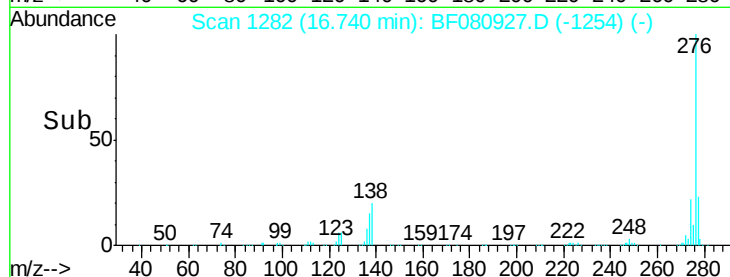
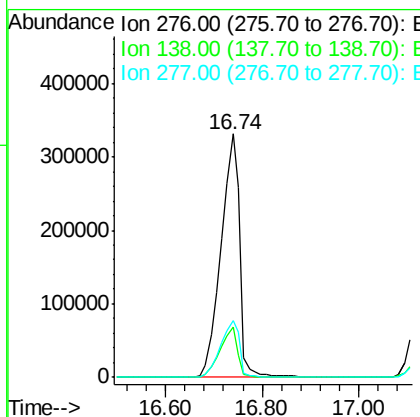
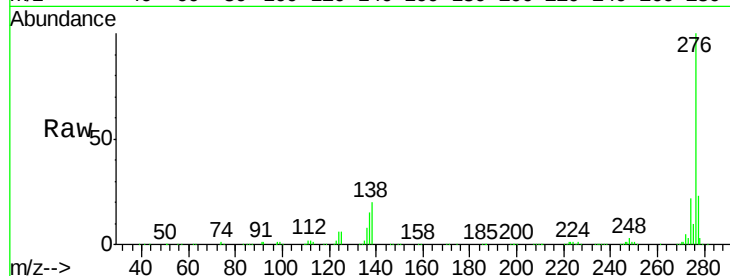
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 92.30 ng
 RT: 16.74 min Scan# 1282
 Delta R.T. 0.02 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 8524

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.9	29.9#
277	23.9	19.7	29.5

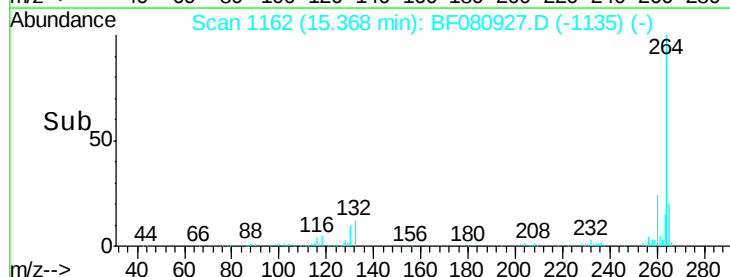
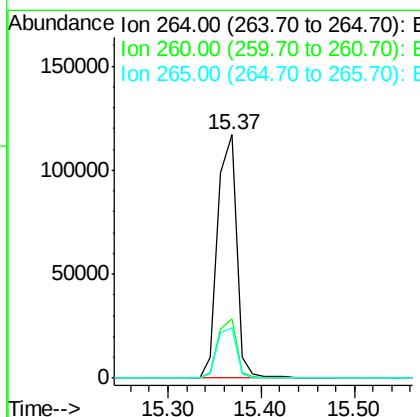
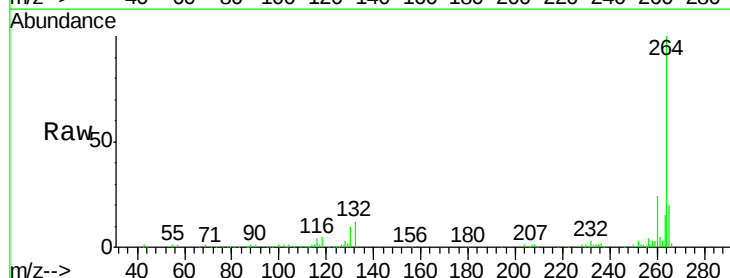
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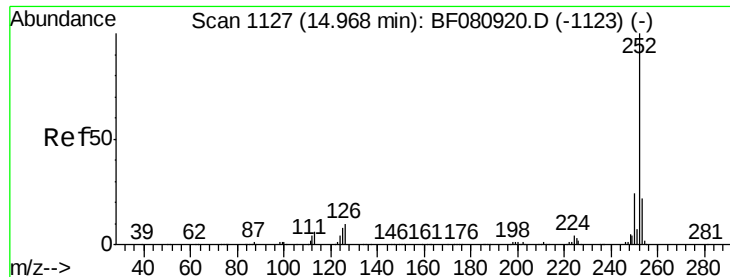
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF080927.D
 Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	20.5	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 114.84 ng

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Instrument :

BNA_F

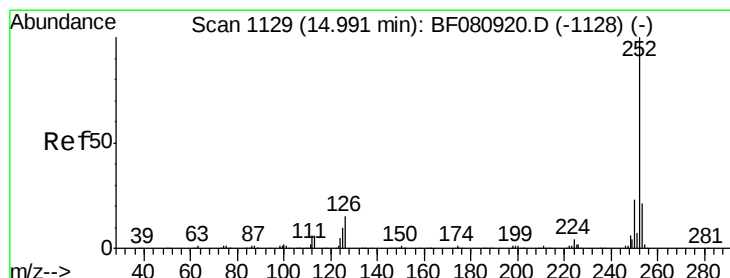
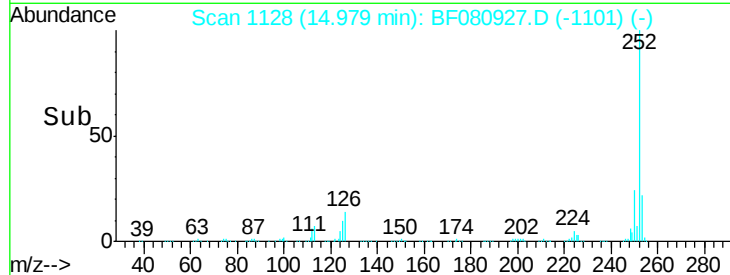
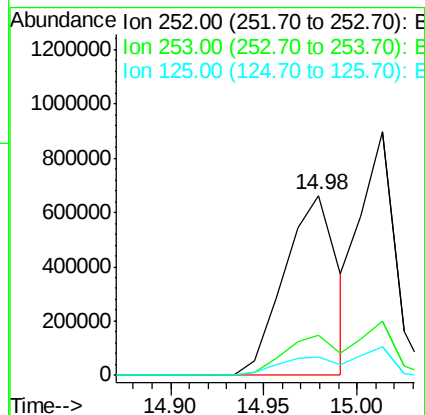
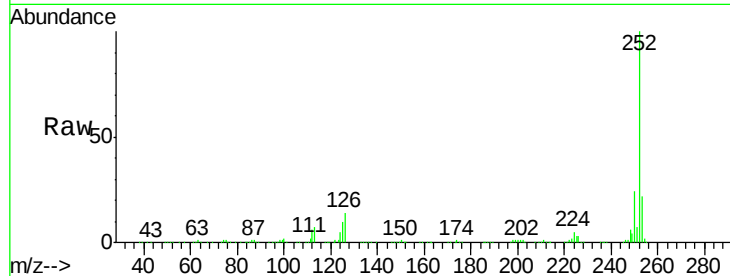
ClientSampleId :

8524

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Tgt Ion:	252	Resp:	1319503
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	10.0	6.1	9.1



#88

Benzo(k)fluoranthene

Concen: 115.52 ng

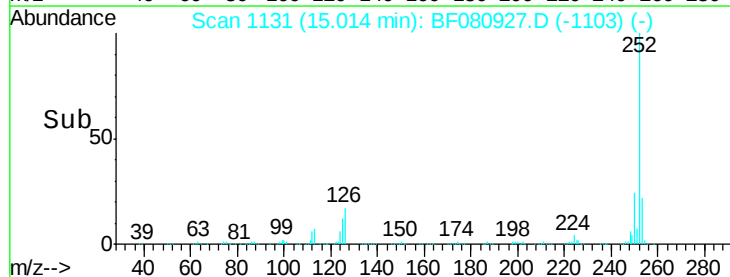
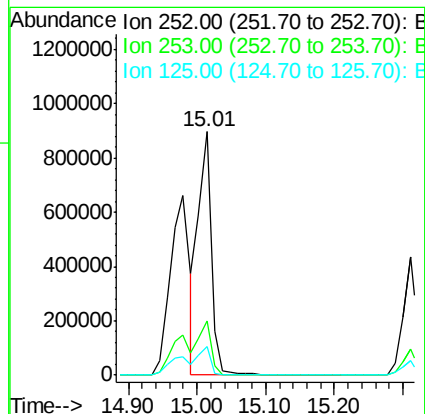
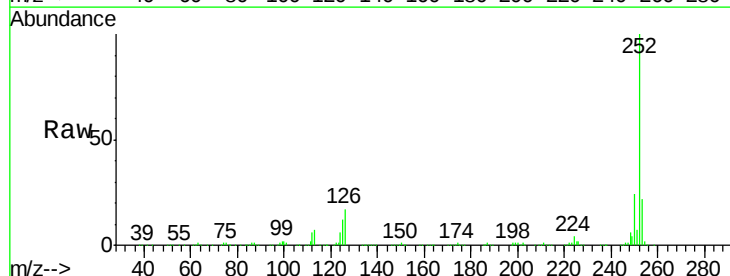
RT: 15.01 min Scan# 1131

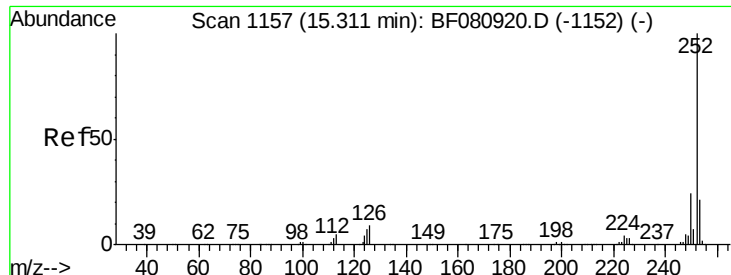
Delta R.T. 0.02 min

Lab File: BF080927.D

Acq: 7 Aug 2015 15:20

Tgt Ion:	252	Resp:	1161138
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	11.6	9.0	13.6





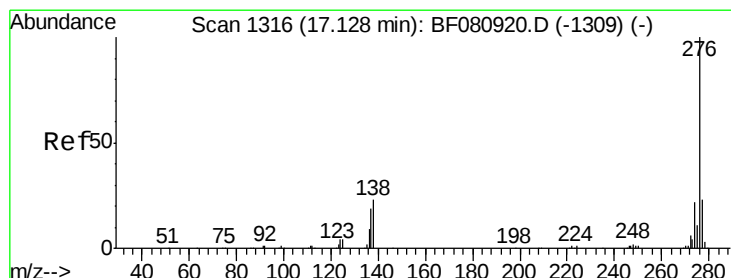
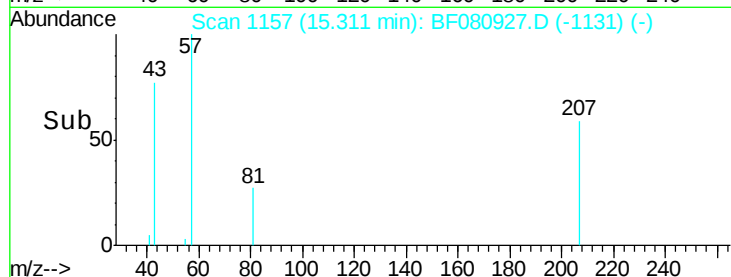
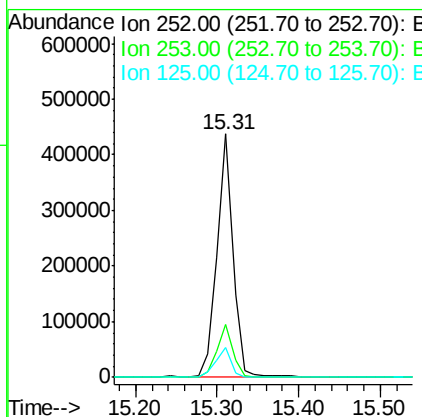
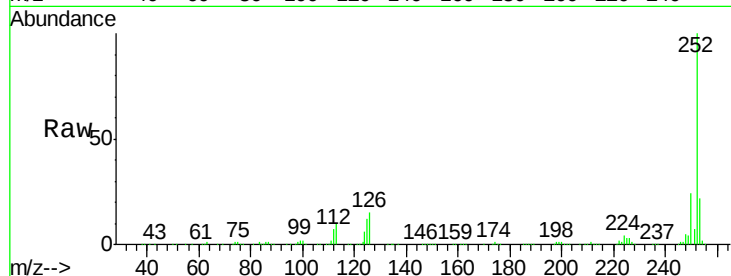
#89
Benzo(a)pyrene
Concen: 60.52 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Instrument :
BNA_F
ClientSampled :
8524

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	16.9	25.3
125	12.0	5.8	8.8#

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#91
Benzo(g,h,i)perylene
Concen: 78.90 ng
RT: 17.15 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF080927.D
Acq: 7 Aug 2015 15:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.2	18.6	28.0
138	22.0	18.4	27.6

