

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081166.D
 Acq On : 24 Aug 2015 13:19
 Operator : UM/IZ
 Sample : G3083-14DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8536DL

Manual Integrations
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 8/25/2015 12:38:20 PM

Quant Time: Aug 24 14:06:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	69390	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	286397	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	127333	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	256709	20.00	ng	0.00
75) Chrysene-d12	13.66	240	211732	20.00	ng	0.00
86) Perylene-d12	14.99	264	159103	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.20	99	217	0.04	ng	0.00
23) Nitrobenzene-d5	7.11	82	100647	16.05	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.90	172	188841	19.43	ng	0.00
78) Terphenyl-d14	12.62	244	211295	21.39	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,3-Dichlorobenzene	6.48	146	23065	4.25	ng	96
14) 1,2-Dichlorobenzene	6.71	146	31308	6.23	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.84	45	62198	5.80	ng	99
18) Hexachloroethane	7.05	117	25849	11.91	ng	98
19) n-Nitroso-di-n-propylamine	6.96	70	33434	8.02	ng	90
24) Nitrobenzene	7.12	77	131369	20.04	ng	92
25) Isophorone	7.37	82	96847	8.28	ng	# 93
28) bis(2-Chloroethoxy)methane	7.59	93	173418	25.11	ng	99
30) 1,2,4-Trichlorobenzene	7.77	180	100401	22.25	ng	100
31) Naphthalene	7.85	128	226837	14.21	ng	99
34) Hexachlorobutadiene	7.98	225	22244	8.72	ng	97
40) Hexachlorocyclopentadiene	8.70	237	19013	8.94	ng	98
48) Acenaphthylene	9.43	152	436910	27.11	ng	98
49) Dimethylphthalate	9.30	163	230145	21.95	ng	99
50) 2,6-Dinitrotoluene	9.37	165	28919	12.84	ng	# 71
51) Acenaphthene	9.60	154	228175	23.65	ng	99
54) Dibenzofuran	9.77	168	215525	16.67	ng	98
57) Fluorene	10.12	166	129567	13.03	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	153544	36.48	ng	91
65) n-Nitrosodiphenylamine	10.23	169	134304	14.66	ng	98
71) Anthracene	11.11	178	392898	26.54	ng	99
73) Di-n-butylphthalate	11.62	149	163825	9.50	ng	99
77) Pyrene	12.46	202	193944	11.27	ng	97
79) Butylbenzylphthalate	13.10	149	208099	28.13	ng	# 67
80) Benzo(a)anthracene	13.65	228	302137	21.28	ng	98
81) 3,3'-Dichlorobenzidine	13.61	252	36631	7.96	ng	97
82) Chrysene	13.68	228	434829	33.98	ng	100
84) Di-n-octyl phthalate	14.28	149	553185	38.41	ng	98
85) Indeno(1,2,3-cd)pyrene	16.16	276	185313	20.63	ng	# 90
87) Benzo(b)fluoranthene	14.63	252	143382m	12.74	ng	
88) Benzo(k)fluoranthene	14.65	252	239323m	22.82	ng	
89) Benzo(a)pyrene	14.94	252	307161	31.32	ng	# 96
90) Dibenzo(a,h)anthracene	16.17	278	236148	30.91	ng	# 95
91) Benzo(g,h,i)perylene	16.49	276	20088	2.59	ng	# 85

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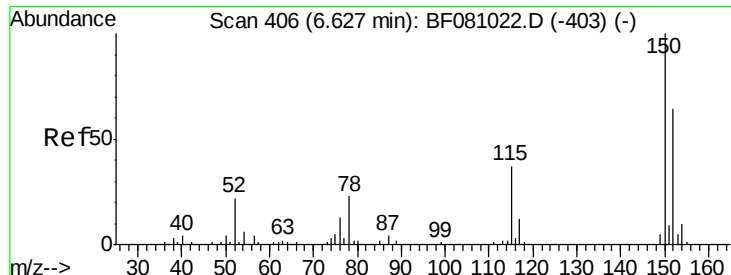
Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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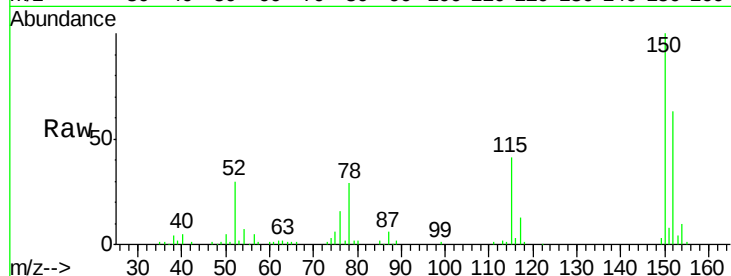
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

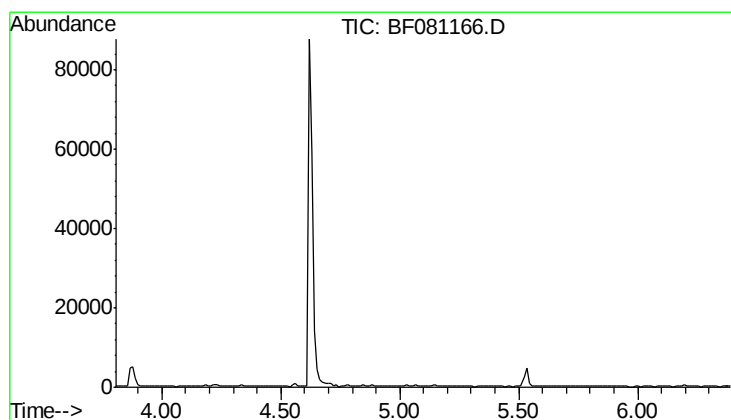
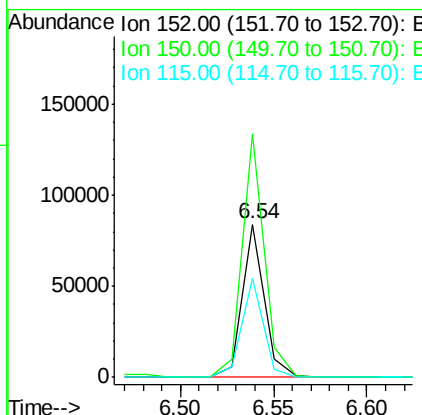
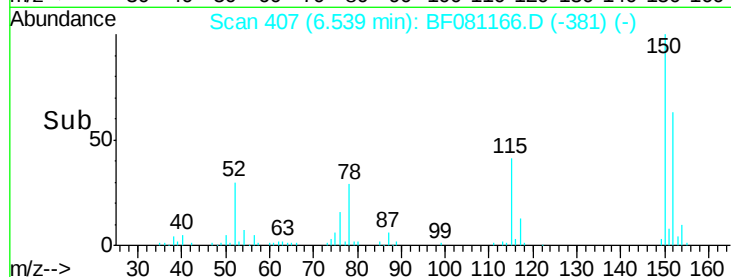
Instrument :
BNA_F
ClientSampleId :
8536DL



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	69390		
150	159.1	123.8	185.6	
115	64.9	52.1	78.1	

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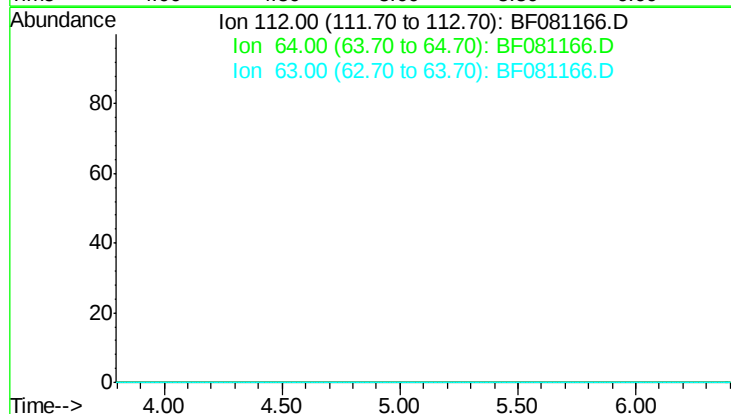


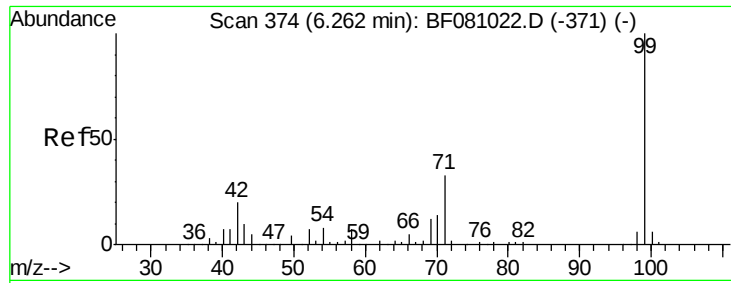
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.10 min

Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Tgt Ion	Sig	Exp Ratio
112	100	
64	83.6	
63	47.6	





#7

Phenol-d6

Concen: 0.04 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_F

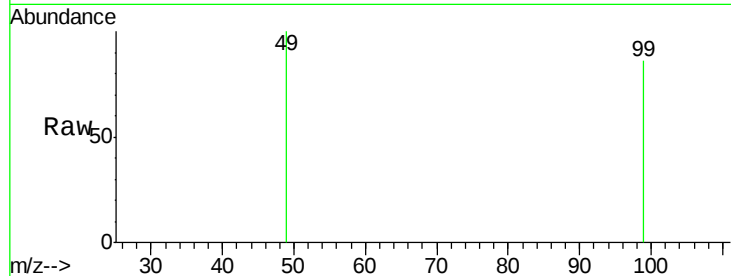
ClientSampleId :

8536DL

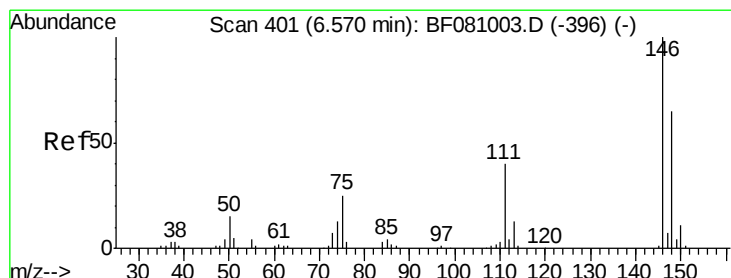
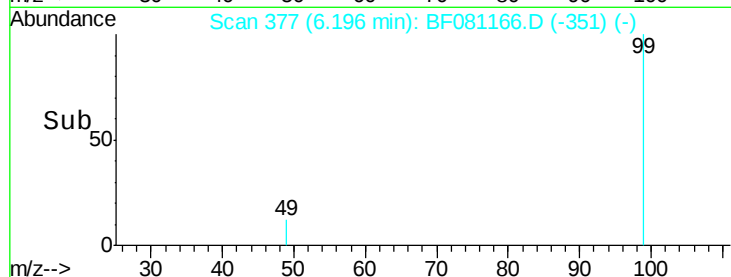
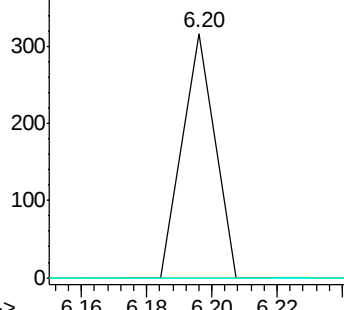
Tgt Ion:	99	Resp:	217
Ion Ratio	Lower	Upper	
99	100		
42	0.0	19.6	29.4#
71	0.0	31.2	46.8#

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



#12

1,3-Dichlorobenzene

Concen: 4.25 ng

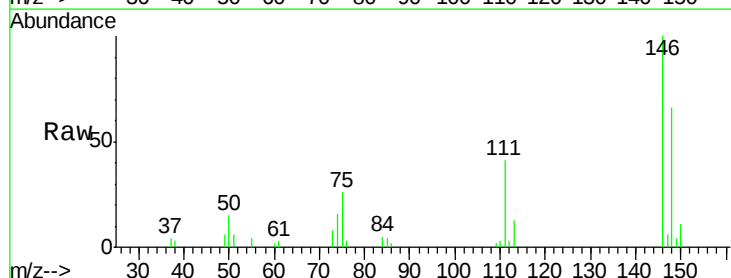
RT: 6.48 min Scan# 402

Delta R.T. -0.00 min

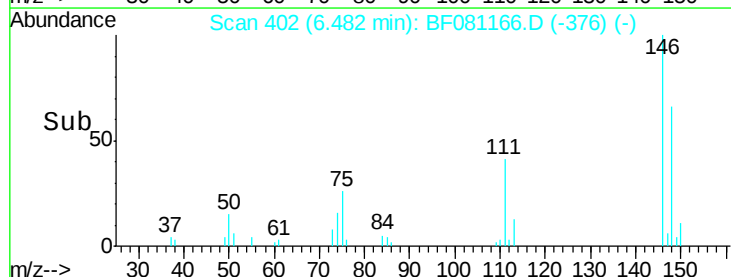
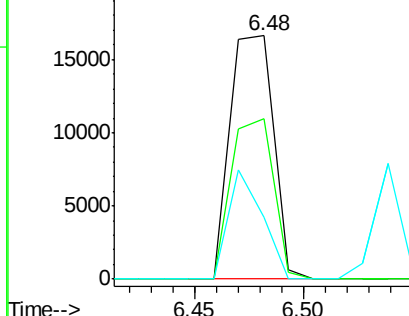
Lab File: BF081166.D

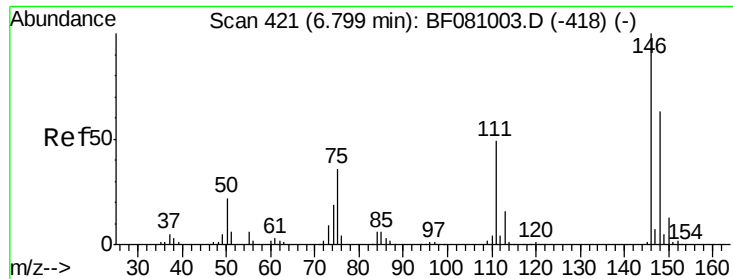
Acq: 24 Aug 2015 13:19

Tgt Ion:	146	Resp:	23065
Ion Ratio	Lower	Upper	
146	100		
148	65.7	53.3	79.9
75	25.6	25.0	37.6



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





#14

1,2-Dichlorobenzene

Concen: 6.23 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_F

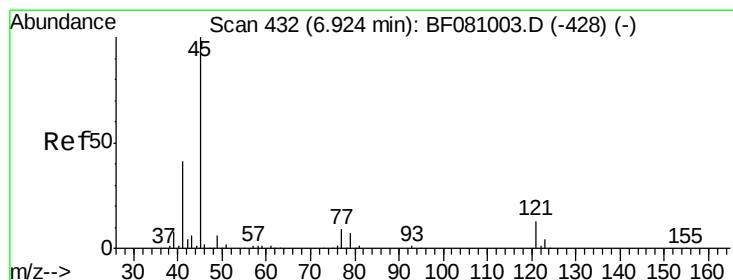
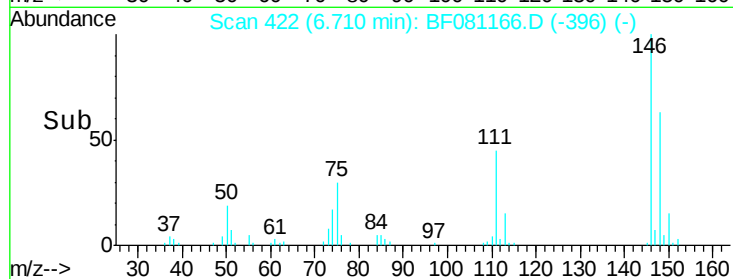
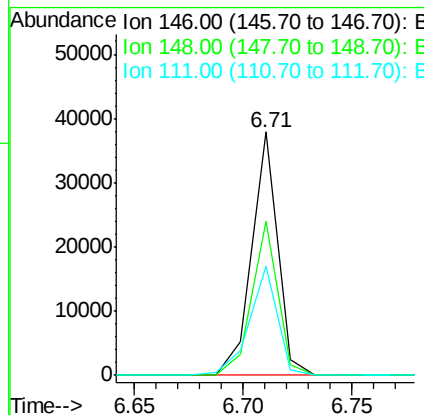
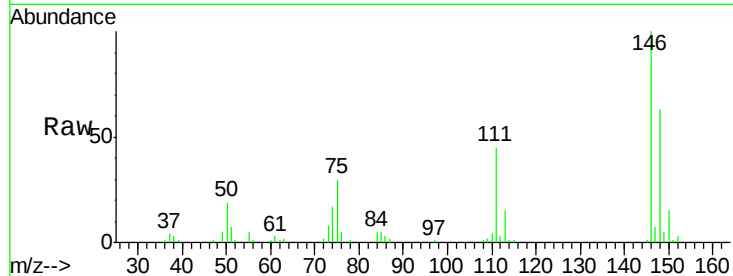
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	48.7	73.1
111	44.7	42.3	63.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.80 ng

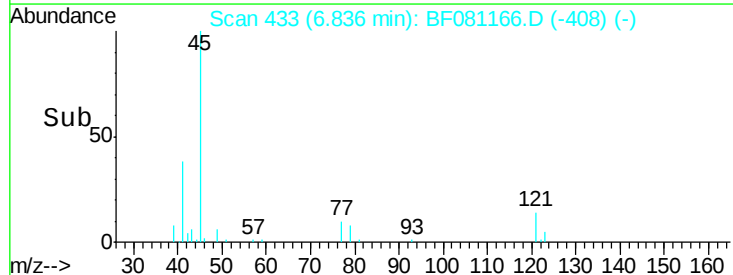
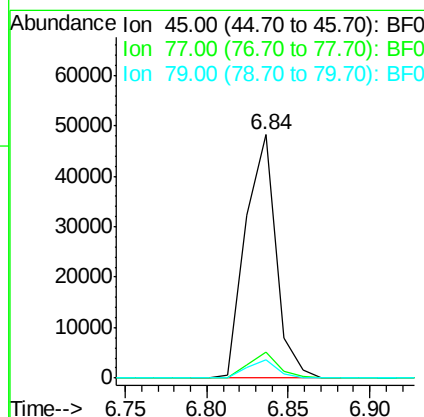
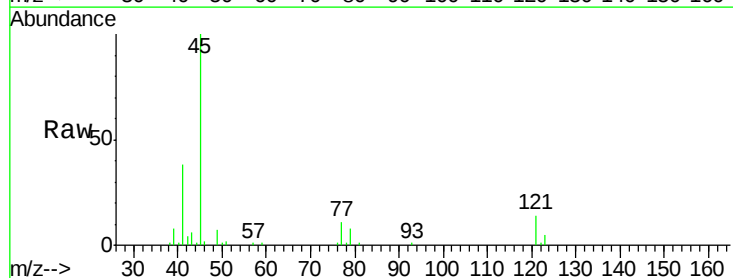
RT: 6.84 min Scan# 433

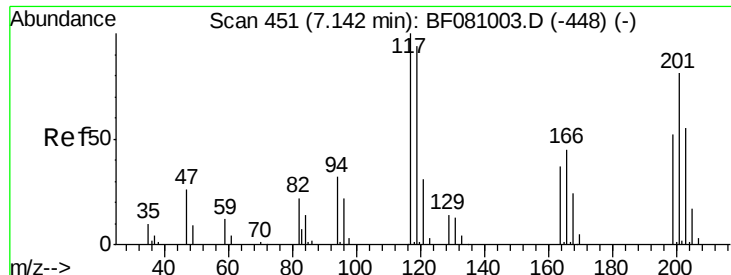
Delta R.T. -0.01 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

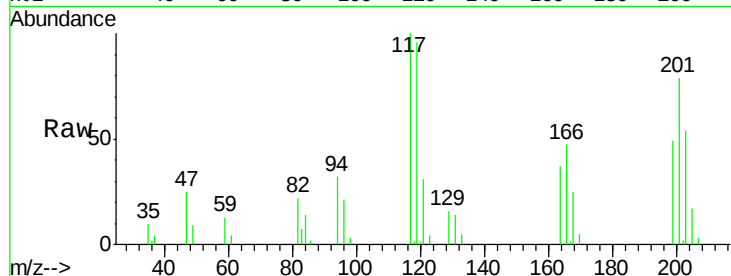
Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.2
79	7.6	0.0	28.0





#18
Hexachloroethane
Concen: 11.91 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

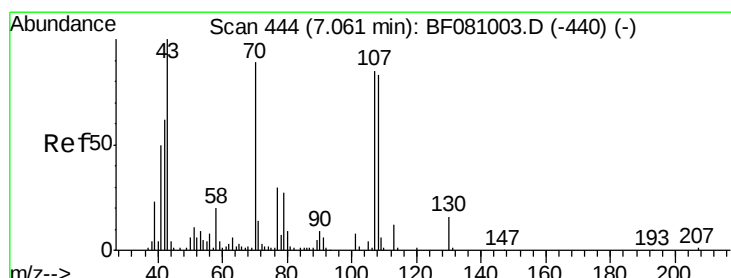
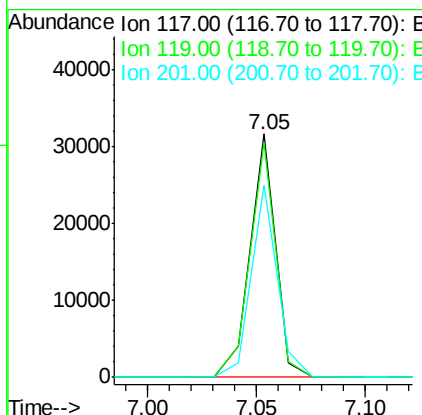
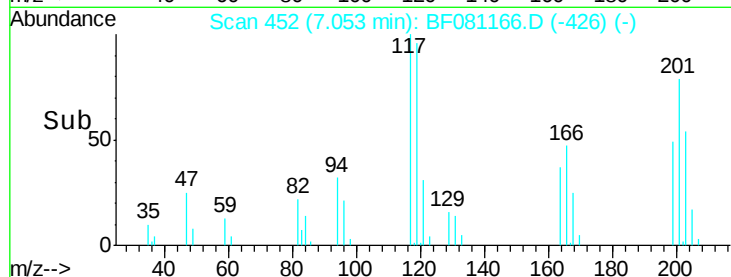
Instrument :
BNA_F
ClientSampled :
8536DL



Tgt Ion: 117 Resp: 25849
Ion Ratio Lower Upper
117 100
119 96.4 77.9 116.9
201 79.1 61.3 91.9

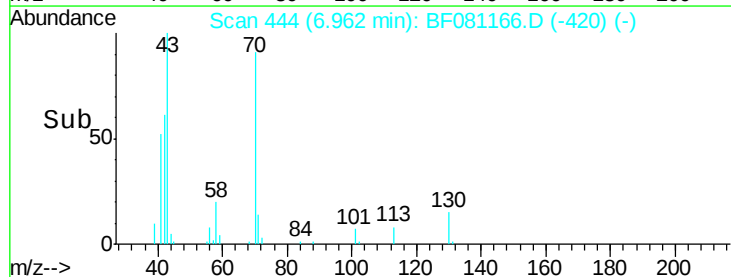
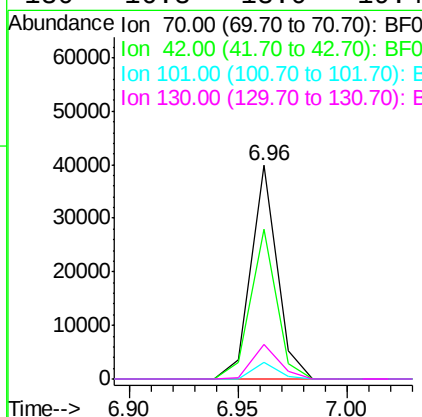
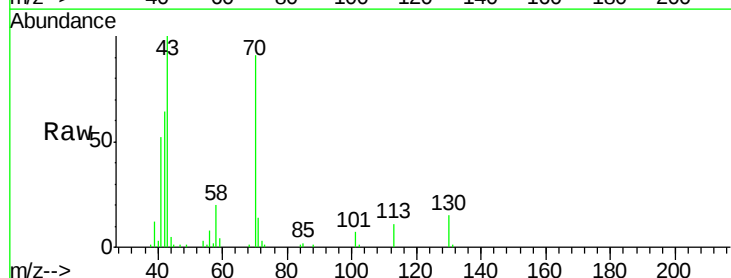
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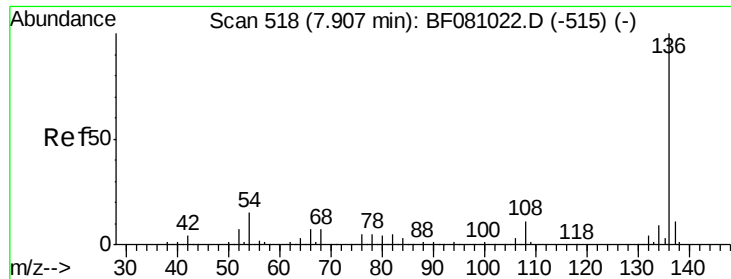
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#19
n-Nitroso-di-n-propylamine
Concen: 8.02 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Tgt Ion: 70 Resp: 33434
Ion Ratio Lower Upper
70 100
42 70.1 65.0 97.4
101 7.9 7.4 11.2
130 16.3 13.0 19.4





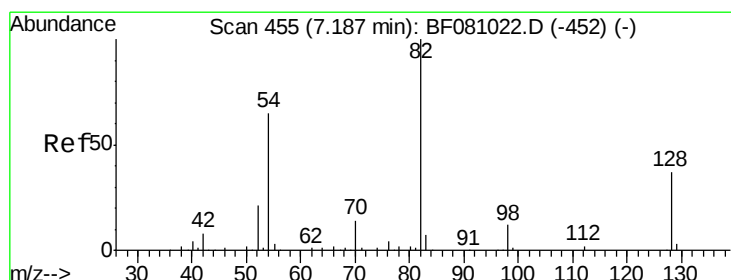
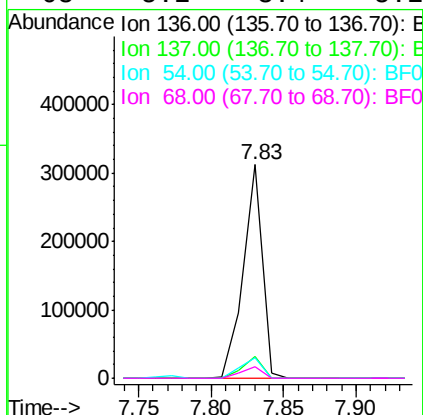
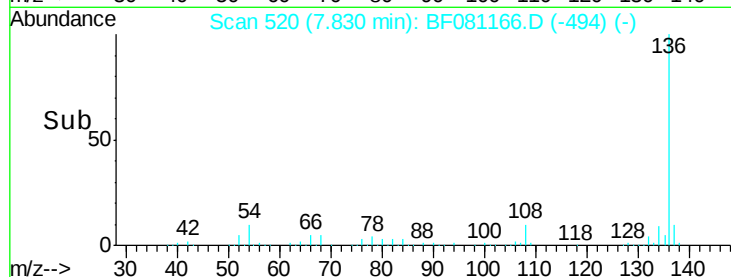
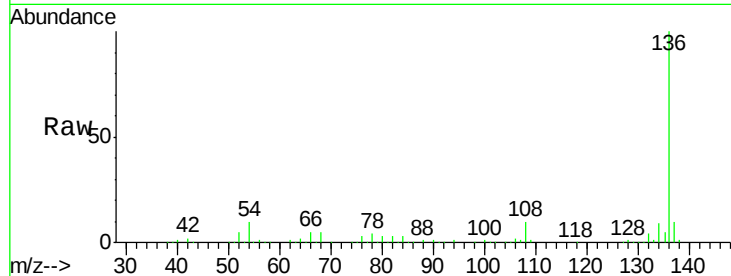
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Instrument :
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8536DL

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	286397		
137	10.2	8.2	12.2	
54	9.7	7.7	11.5	
68	5.2	3.4	5.2#	

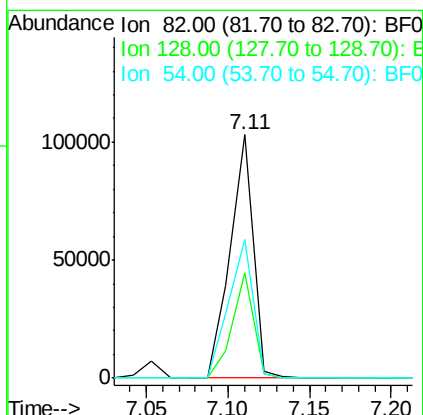
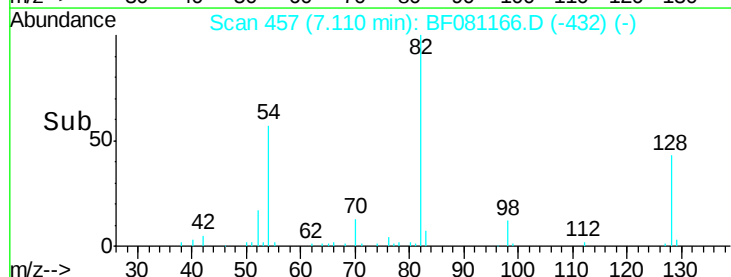
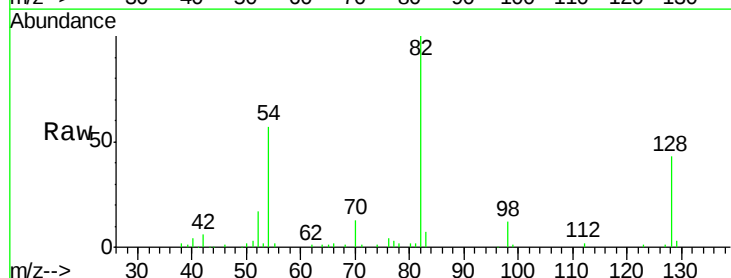
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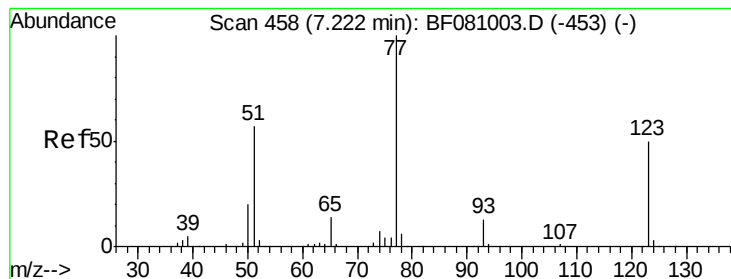
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#23
Nitrobenzene-d5
Concen: 16.05 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	100647		
128	43.1	28.6	42.8#	
54	56.8	55.1	82.7	





#24

Nitrobenzene

Concen: 20.04 ng

RT: 7.12 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF081166.D

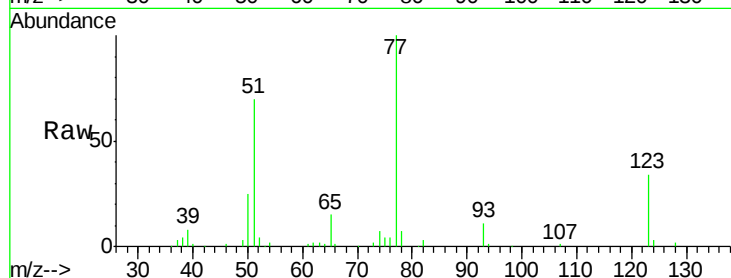
Acq: 24 Aug 2015 13:19

Instrument :

BNA_F

ClientSampleId :

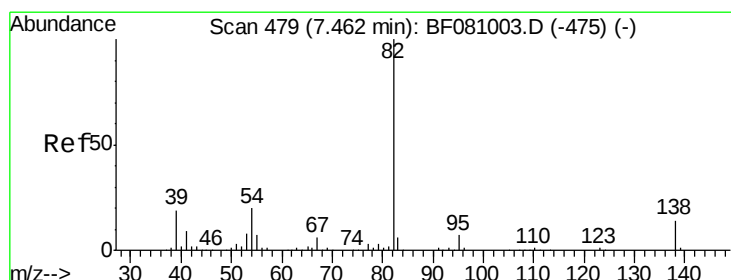
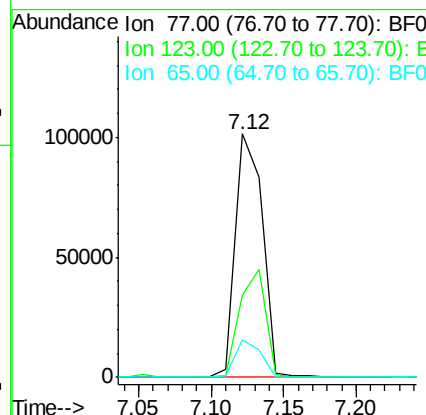
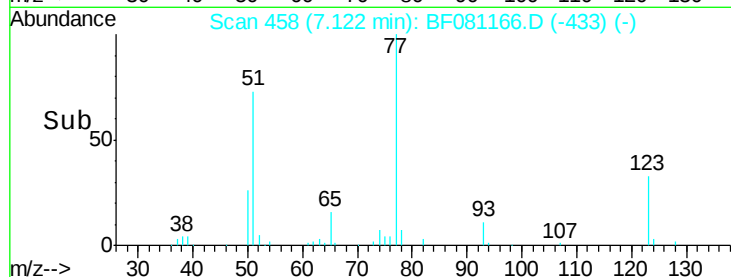
8536DL



Tgt Ion:	77	Resp:	131369
Ion	Ratio	Lower	Upper
77	100		
123	33.9	32.9	49.3
65	15.5	12.5	18.7

Manual Integrations
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#25

Isophorone

Concen: 8.28 ng

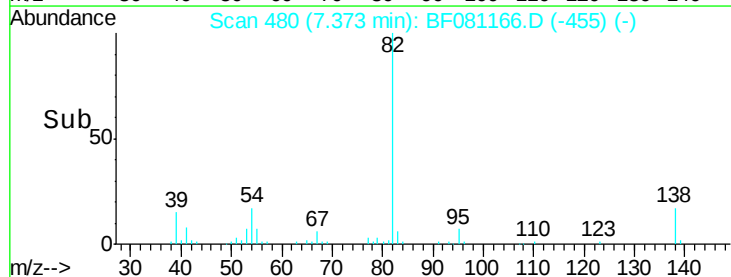
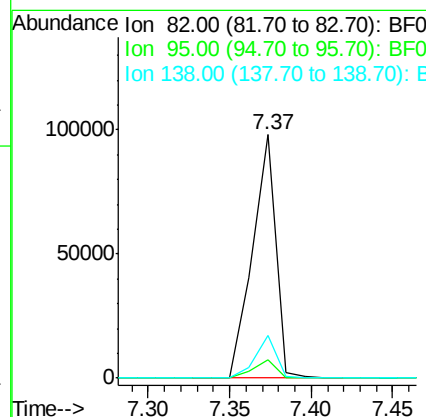
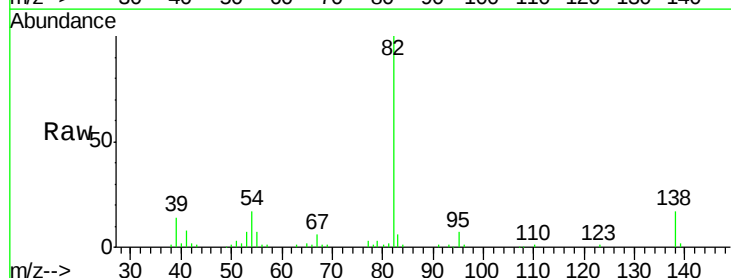
RT: 7.37 min Scan# 480

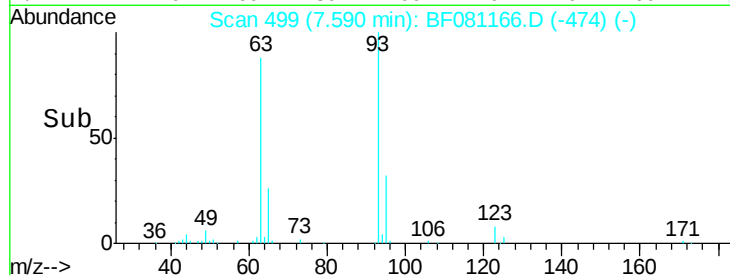
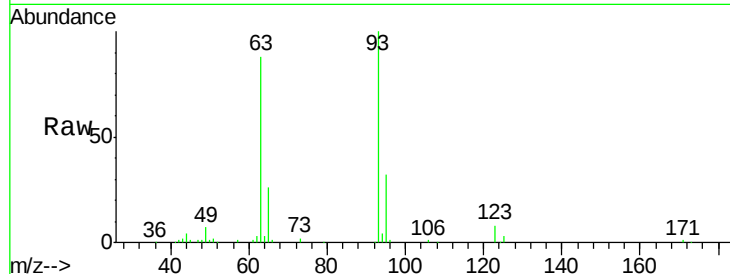
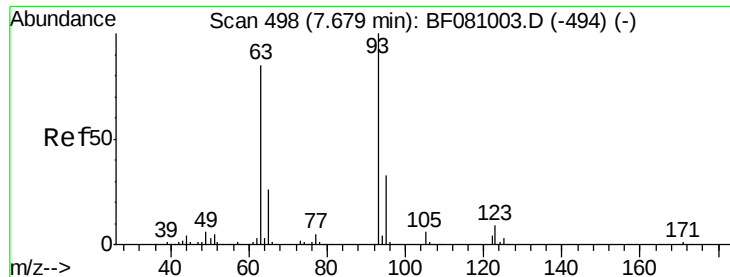
Delta R.T. -0.01 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Tgt Ion:	82	Resp:	96847
Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.2	9.2
138	17.3	10.5	15.7#





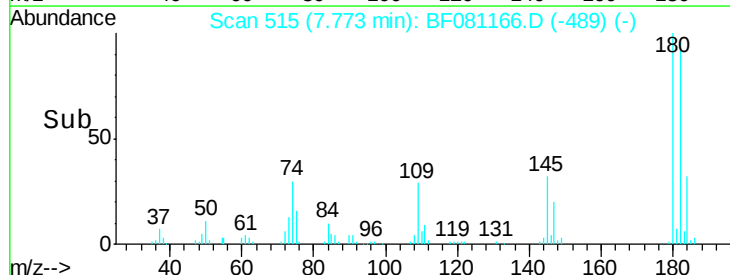
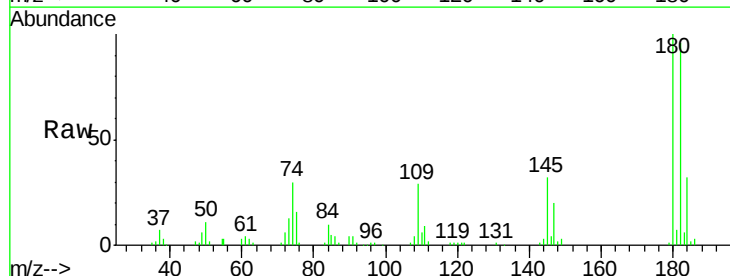
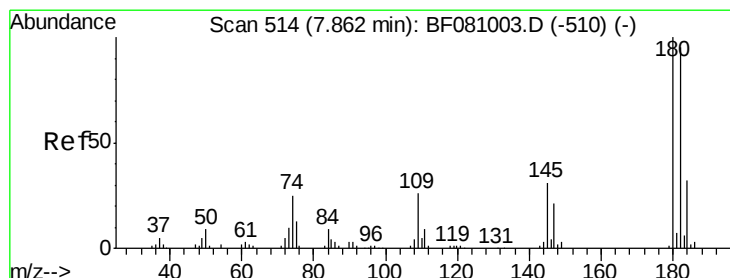
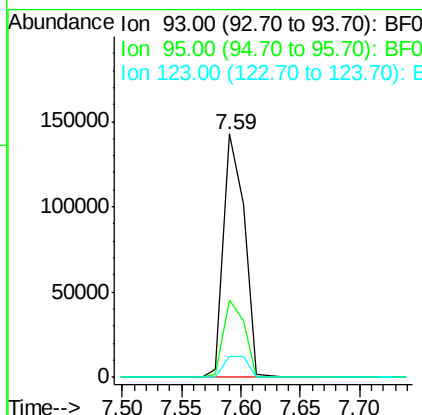
#28
bis(2-Chloroethoxy)methane
Concen: 25.11 ng
RT: 7.59 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Instrument :
BNA_F
ClientSampleId :
8536DL

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	173418		
95	31.7	25.8	38.8	
123	8.4	7.4	11.0	

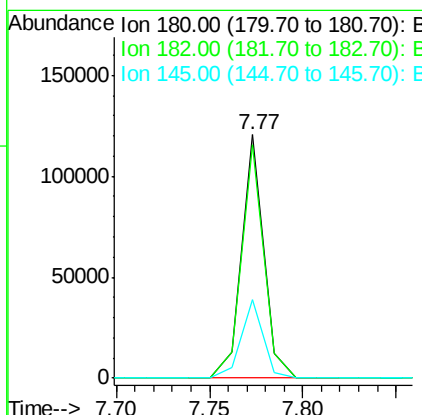
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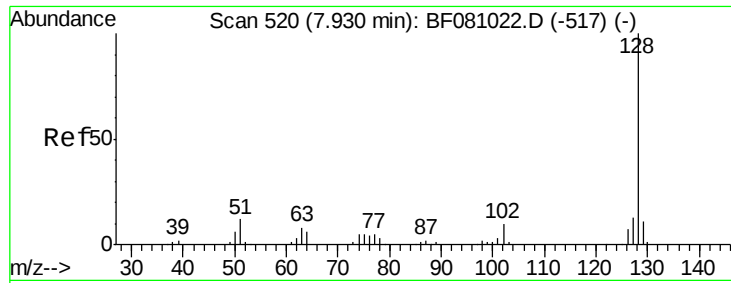
MMDadoda
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#30
1,2,4-Trichlorobenzene
Concen: 22.25 ng
RT: 7.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	100401		
182	95.9	76.4	114.6	
145	32.0	25.4	38.2	





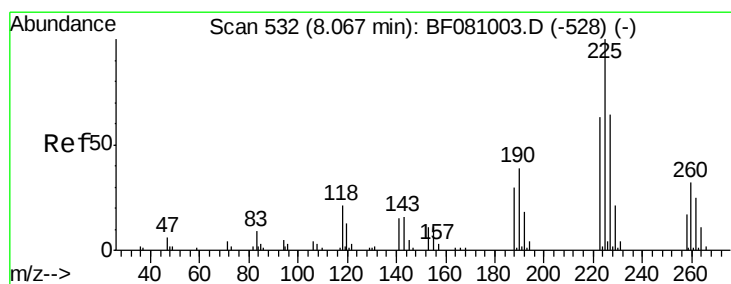
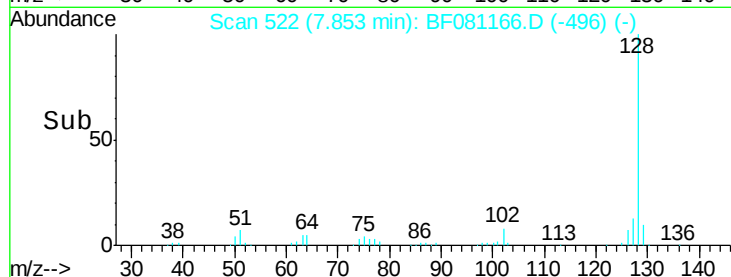
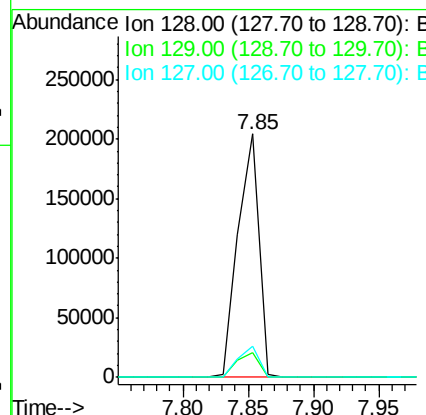
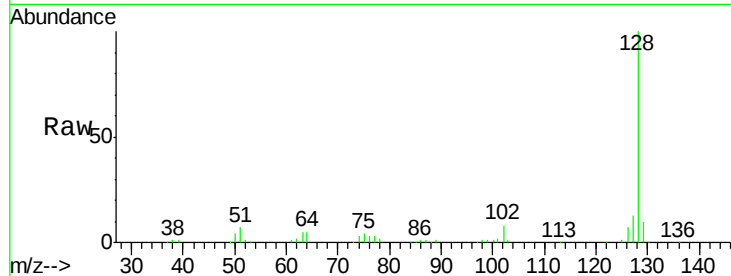
#31
Naphthalene
Concen: 14.21 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Instrument :
BNA_F
ClientSampleId :
8536DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	226837		
129	10.1	8.4	12.6	
127	12.6	10.6	16.0	

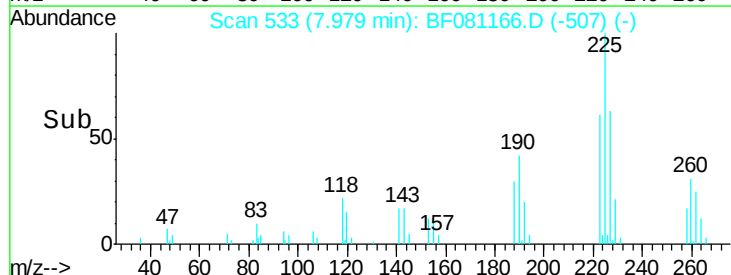
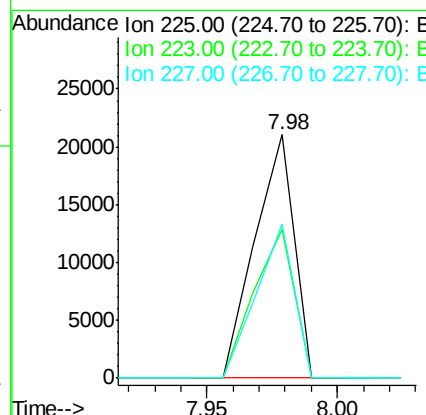
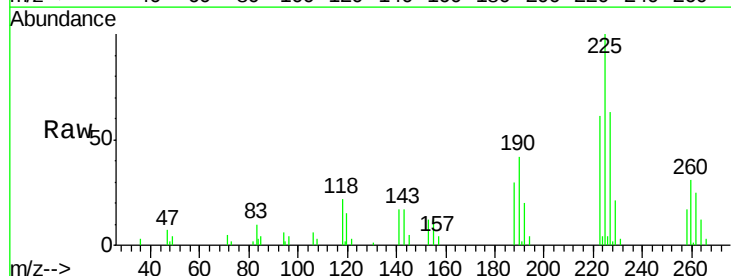
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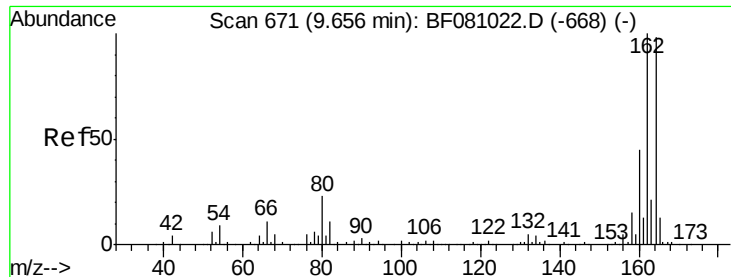
MMDadoda
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#34
Hexachlorobutadiene
Concen: 8.72 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22244		
223	61.3	52.6	79.0	
227	63.4	51.1	76.7	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF081166.D

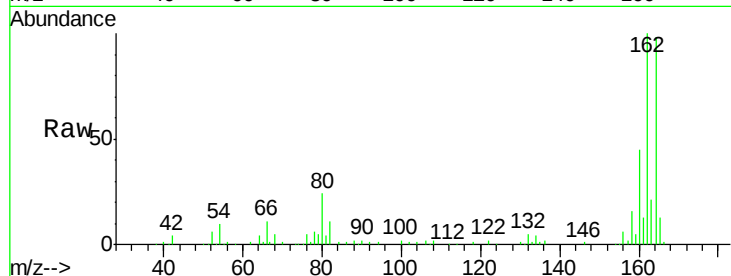
Acq: 24 Aug 2015 13:19

Instrument :

BNA_F

ClientSampleId :

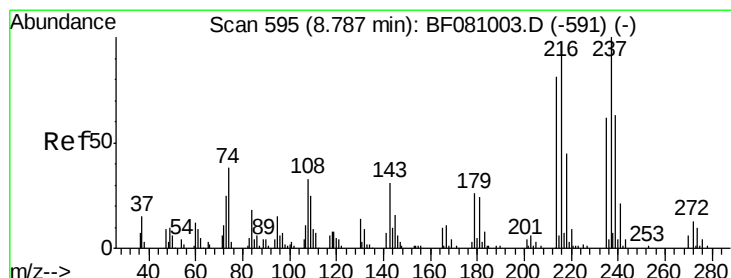
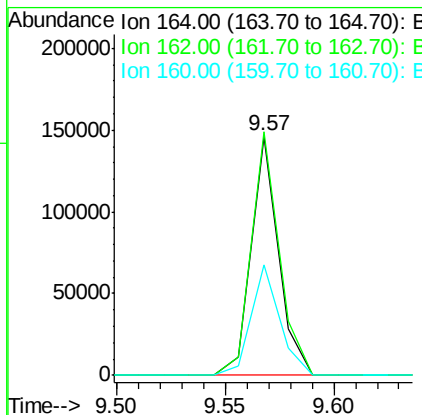
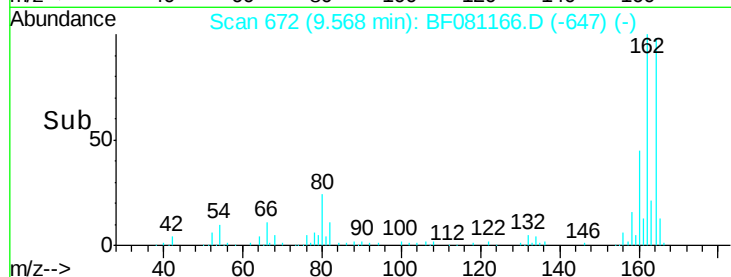
8536DL



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	127333		
162	102.0	83.8	125.8	
160	46.3	39.8	59.8	

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#40

Hexachlorocyclopentadiene

Concen: 8.94 ng

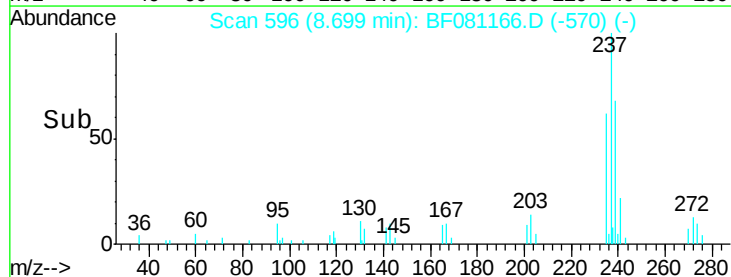
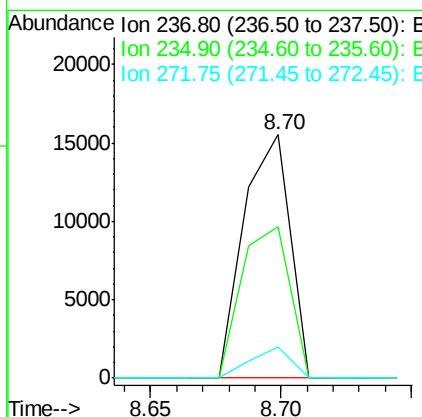
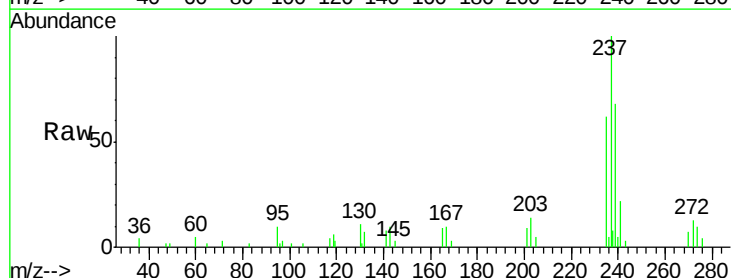
RT: 8.70 min Scan# 596

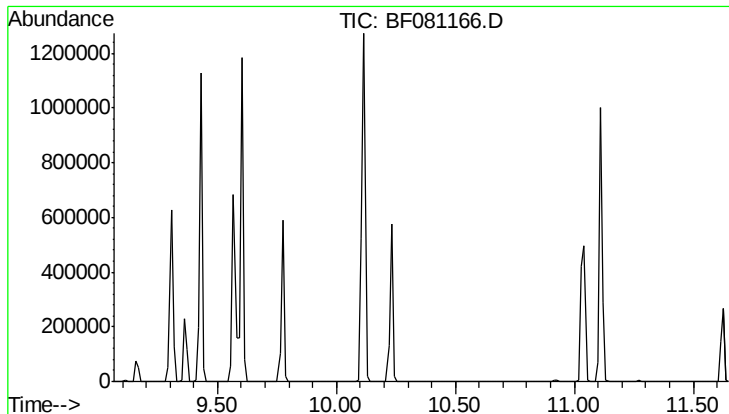
Delta R.T. -0.00 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	19013		
235	62.2	43.6	83.6	
272	12.8	0.0	32.2	





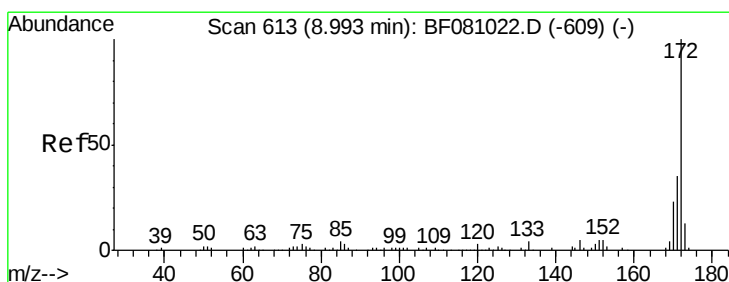
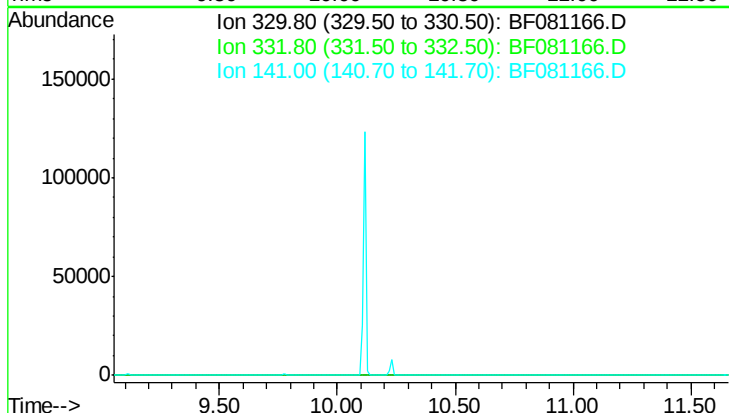
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.36 min
 Lab File: BF081166.D
 Acq: 24 Aug 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 8536DL

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 56.1

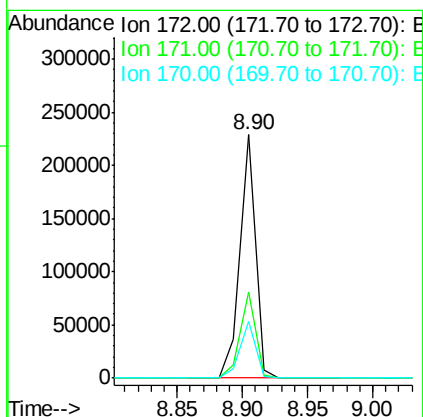
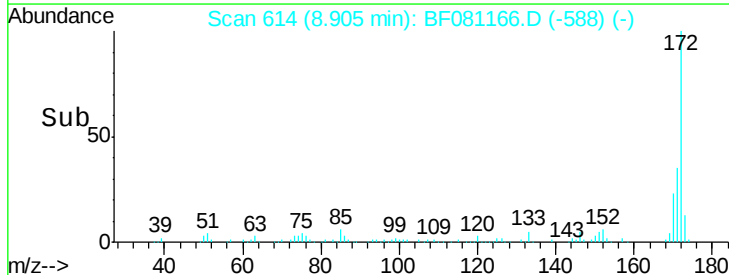
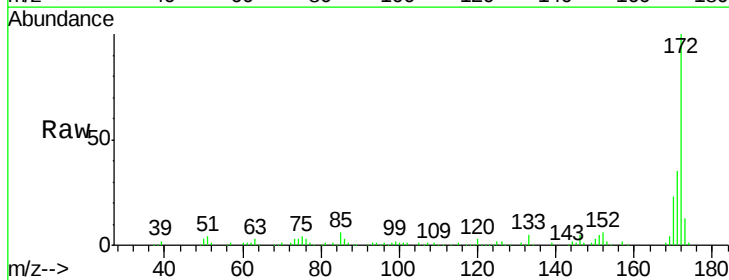
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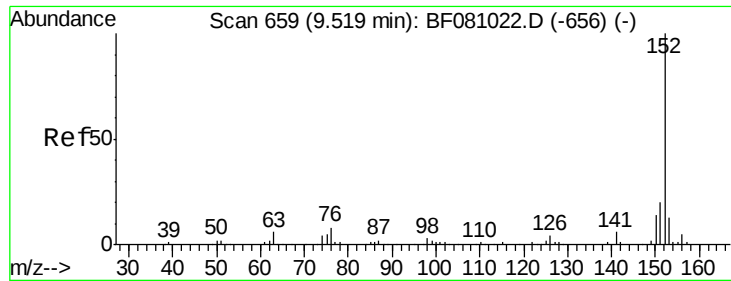
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#44
 2-Fluorobiphenyl
 Concen: 19.43 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081166.D
 Acq: 24 Aug 2015 13:19

Tgt Ion: 172 Resp: 188841
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.4 19.4 29.2





#48

Acenaphthylene

Concen: 27.11 ng

RT: 9.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF081166.D

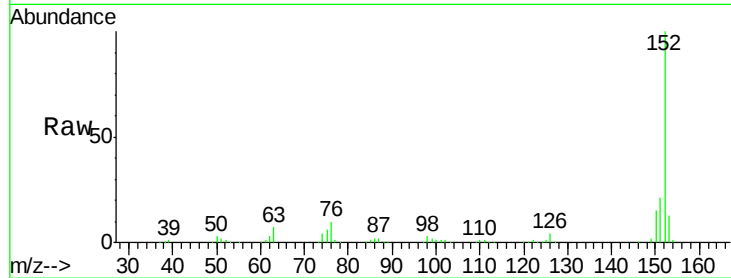
Acq: 24 Aug 2015 13:19

Instrument :

BNA_F

ClientSampleId :

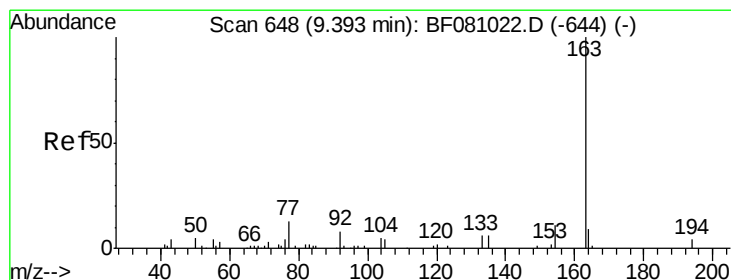
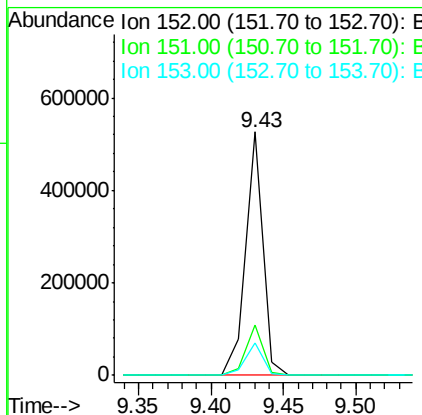
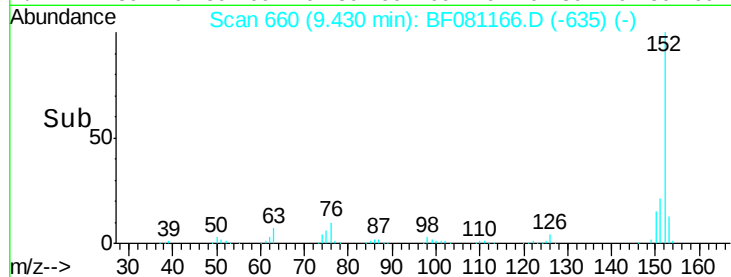
8536DL



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	436910		
151	20.7	16.1	24.1	
153	13.3	9.8	14.6	

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#49

Dimethylphthalate

Concen: 21.95 ng

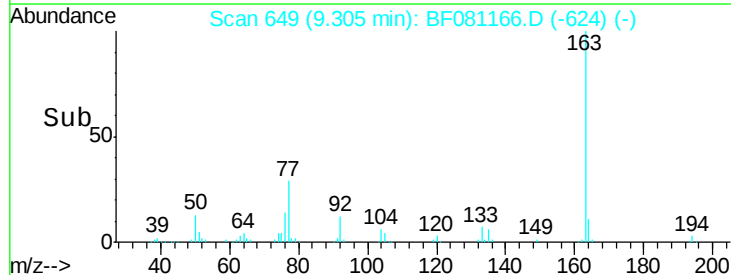
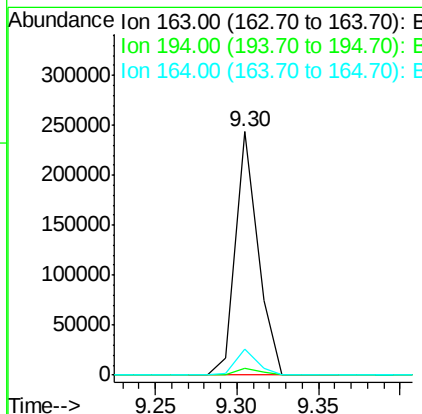
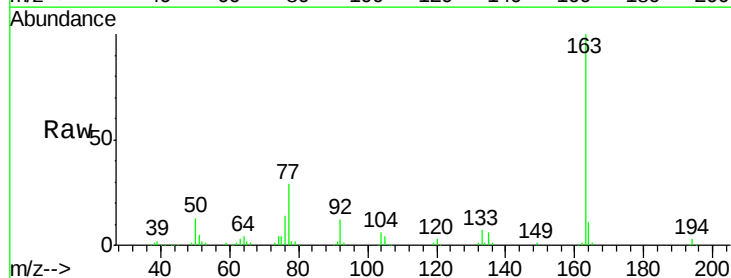
RT: 9.30 min Scan# 649

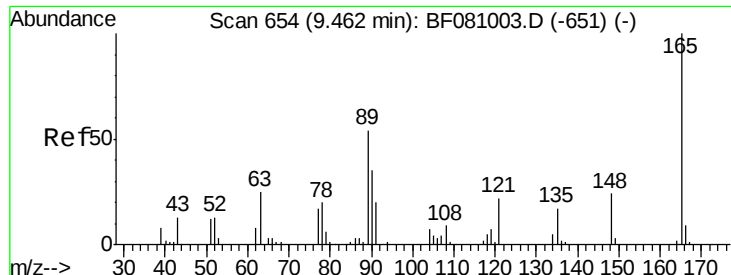
Delta R.T. -0.01 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	230145		
194	3.0	2.5	3.7	
164	10.7	8.1	12.1	





#50

2,6-Dinitrotoluene

Concen: 12.84 ng

RT: 9.37 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_F

ClientSampleID :

8536DL

Tgt Ion:165 Resp: 28919
Ion Ratio Lower Upper

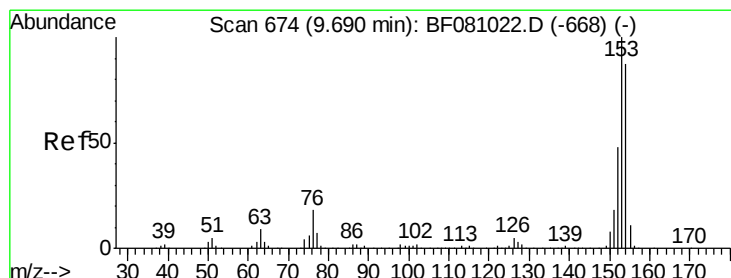
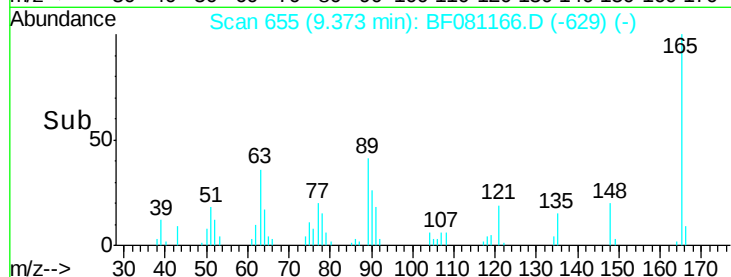
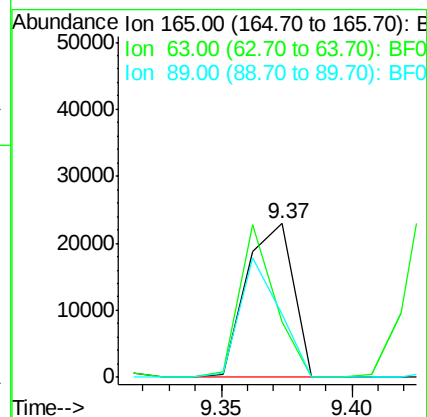
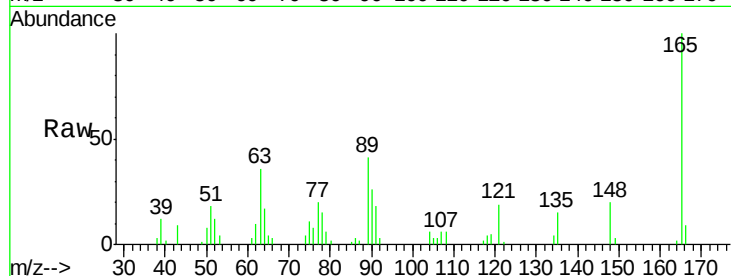
165 100

63 36.1 49.5 74.3#

89 40.9 47.6 71.4#

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#51

Acenaphthene

Concen: 23.65 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081166.D

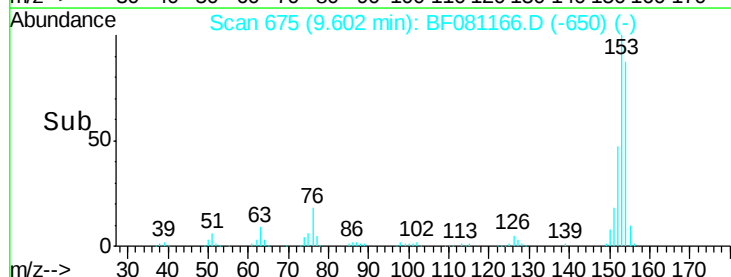
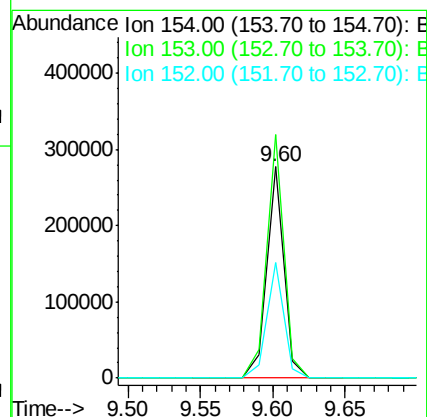
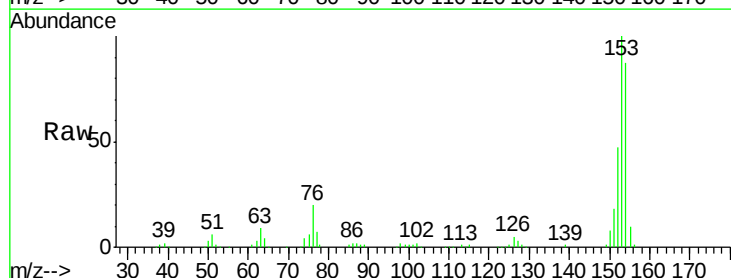
Acq: 24 Aug 2015 13:19

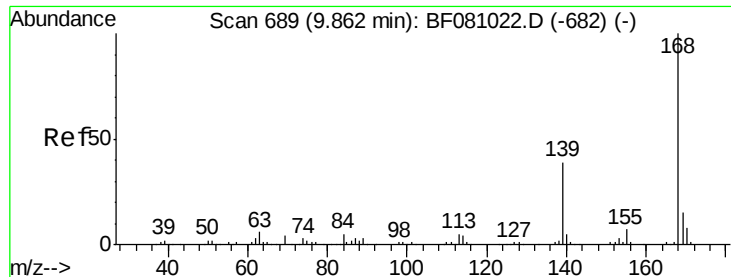
Tgt Ion:154 Resp: 228175
Ion Ratio Lower Upper

154 100

153 115.3 91.4 137.2

152 54.7 43.7 65.5





#54

Dibenzenofuran

Concen: 16.67 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF081166.D

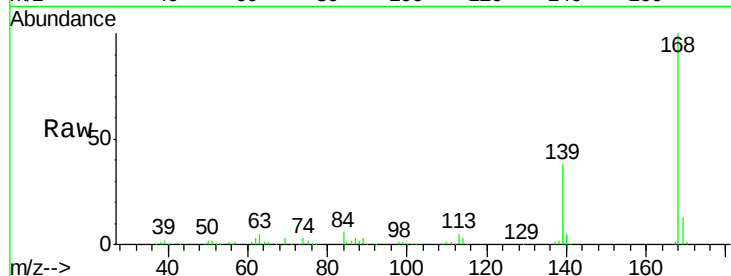
Acq: 24 Aug 2015 13:19

Instrument :

BNA_F

ClientSampleId :

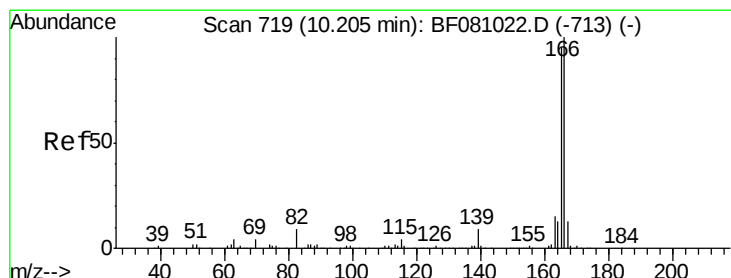
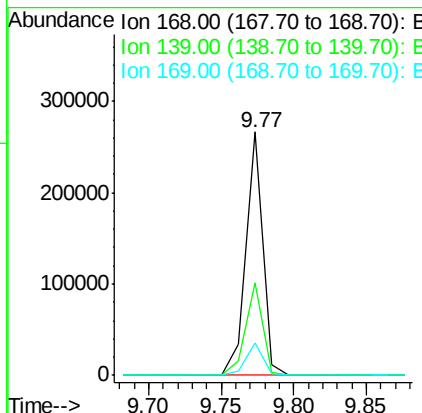
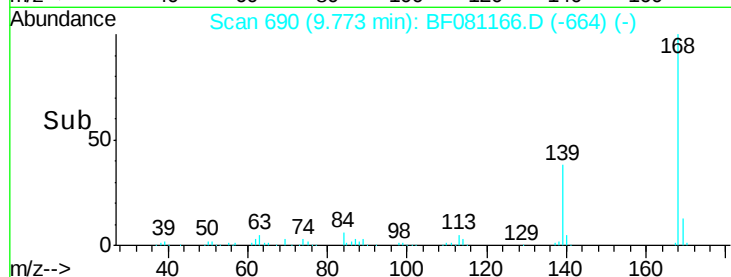
8536DL



Tgt Ion:	168	Resp:	215525
Ion Ratio		Lower	Upper
168	100		
139	37.9	29.3	43.9
169	13.4	10.3	15.5

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#57

Fluorene

Concen: 13.03 ng

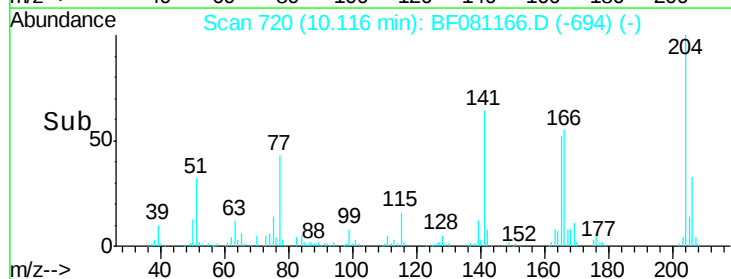
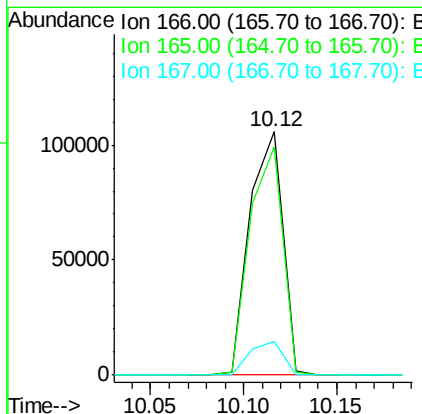
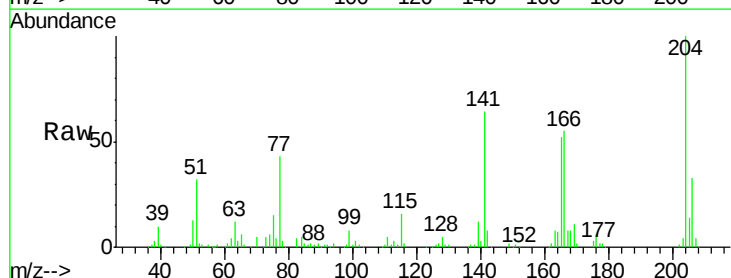
RT: 10.12 min Scan# 720

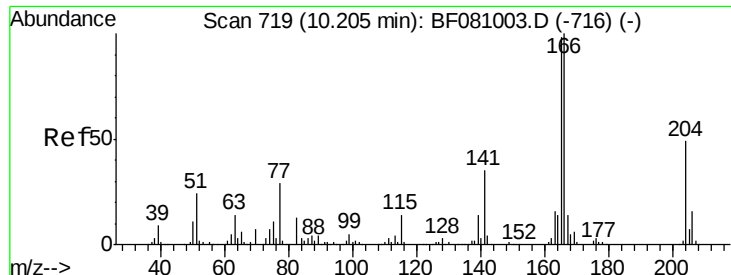
Delta R.T. -0.00 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

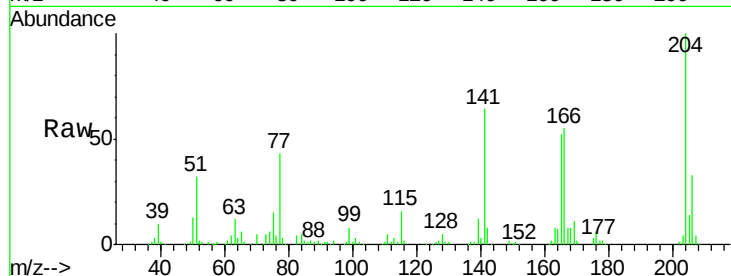
Tgt Ion:	166	Resp:	129567
Ion Ratio		Lower	Upper
166	100		
165	93.9	75.8	113.8
167	13.8	11.3	16.9





#60
4-Chlorophenyl-phenylether
Concen: 36.48 ng
RT: 10.12 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

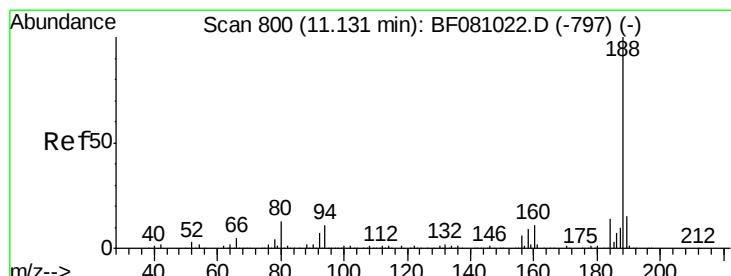
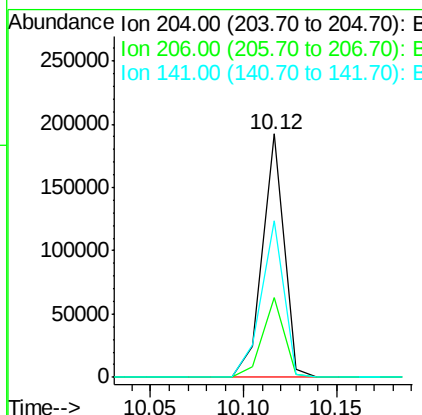
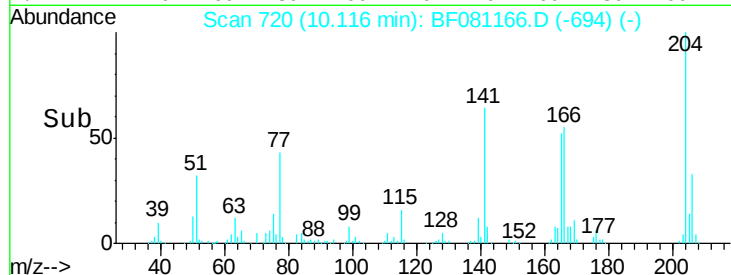
Instrument :
BNA_F
ClientSampled :
8536DL



Tgt Ion	Ratio	Resp	Lower	Upper
204	100	153544		
206	32.6	26.2	39.2	
141	64.1	59.6	89.4	

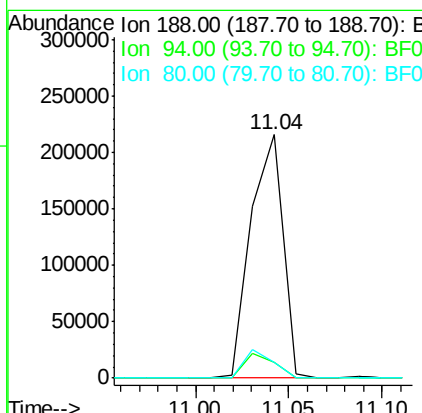
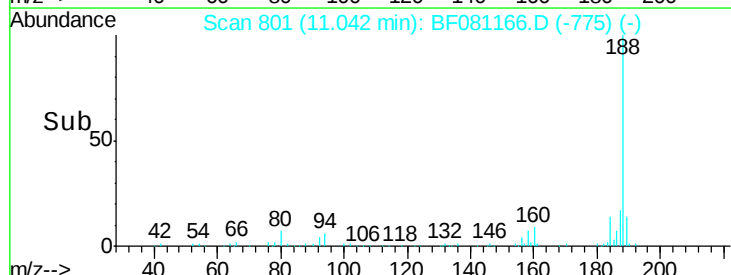
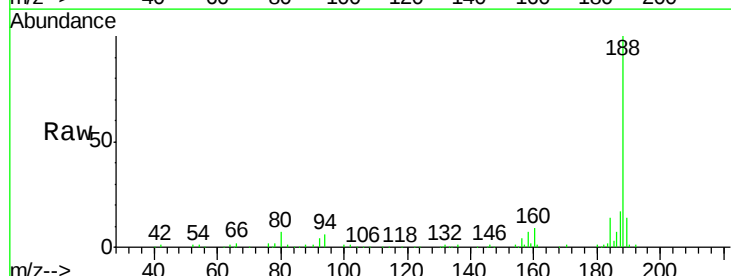
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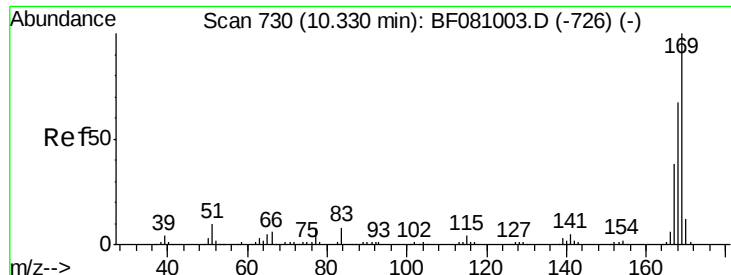
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	256709		
94	6.4	8.2	12.2#	
80	6.7	9.5	14.3#	





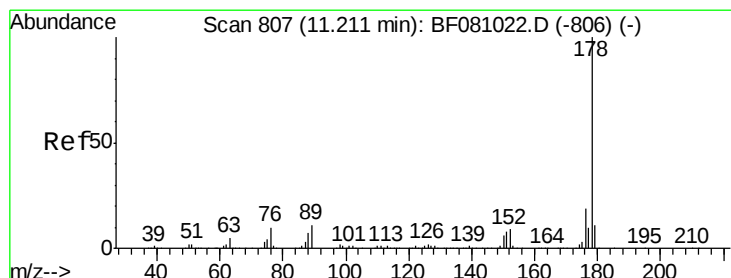
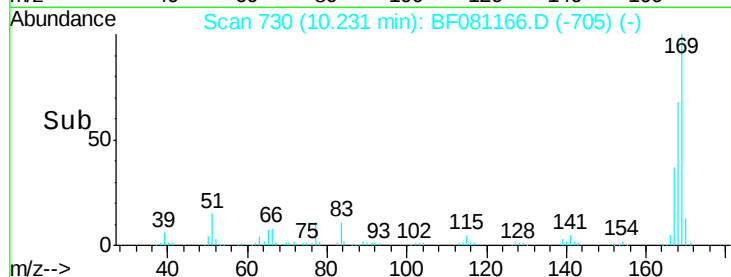
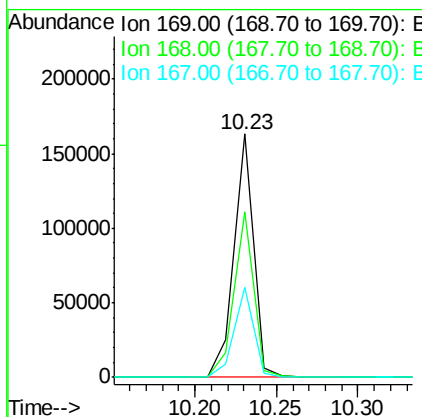
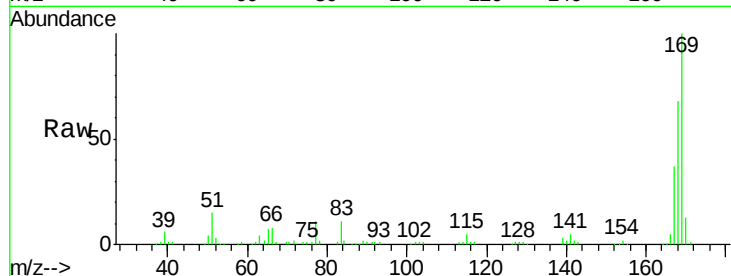
#65
 n-Nitrosodiphenylamine
 Concen: 14.66 ng
 RT: 10.23 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF081166.D
 Acq: 24 Aug 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 8536DL

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	134304		
168	68.0	55.3	82.9	
167	37.0	30.8	46.2	

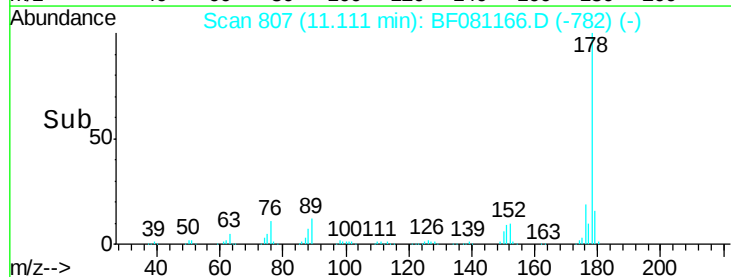
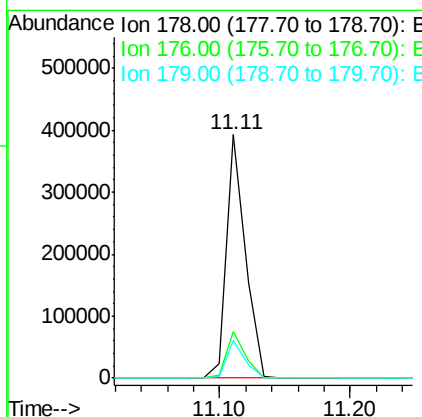
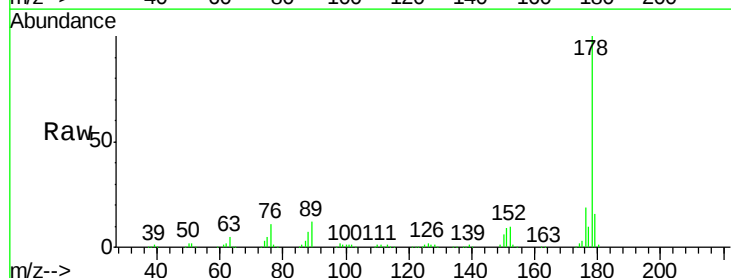
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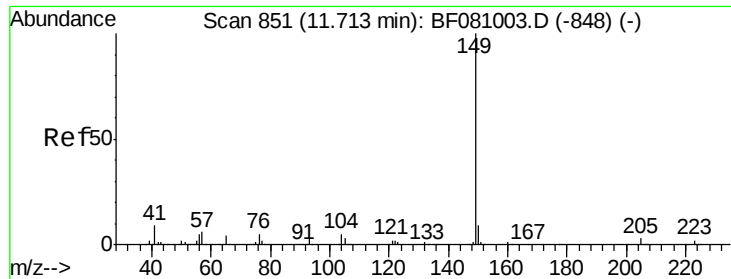
MMDadoda
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#71
 Anthracene
 Concen: 26.54 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF081166.D
 Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	392898		
176	19.1	15.7	23.5	
179	15.5	12.7	19.1	





#73

Di-n-butylphthalate

Concen: 9.50 ng

RT: 11.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_F

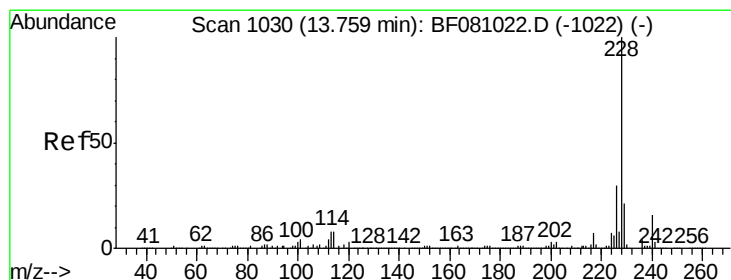
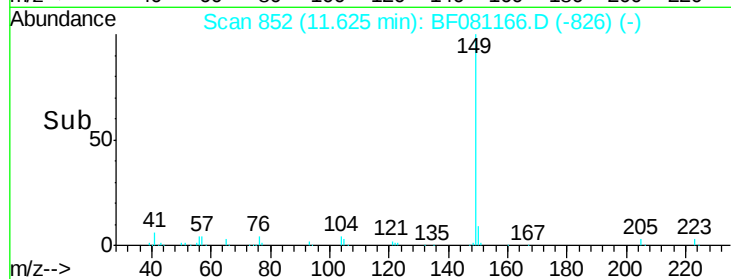
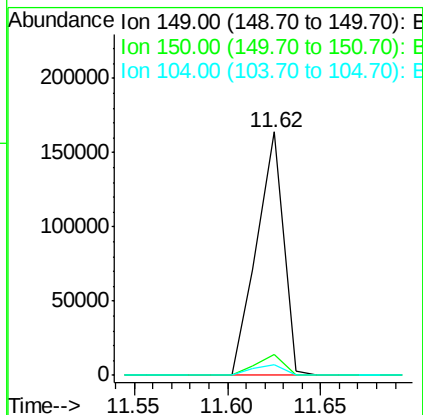
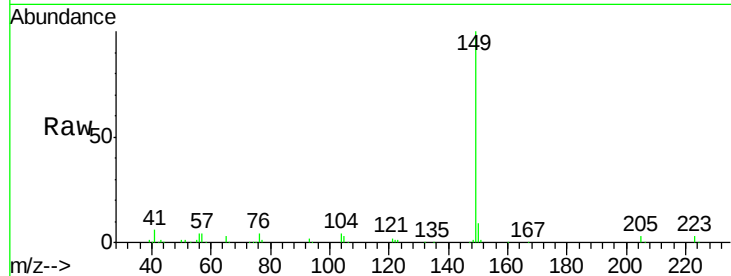
ClientSampleId :

8536DL

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Tgt Ion:	149	Resp:	163825
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.1	10.7
104	4.3	3.9	5.9



#75

Chrysene-d12

Concen: 20.00 ng

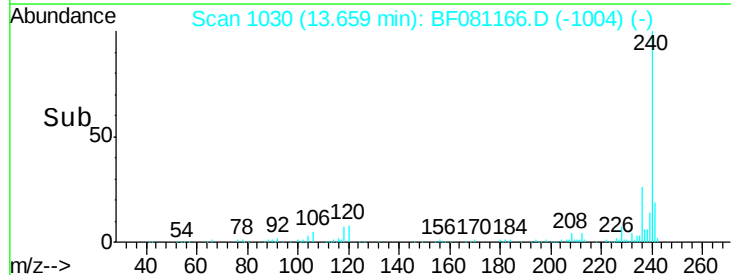
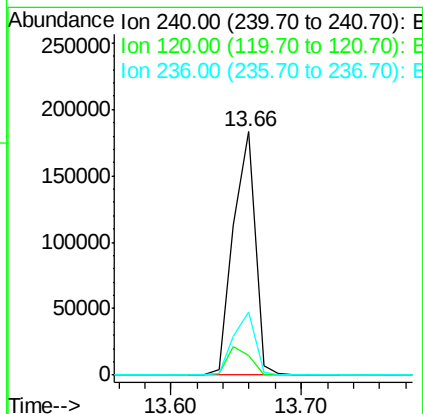
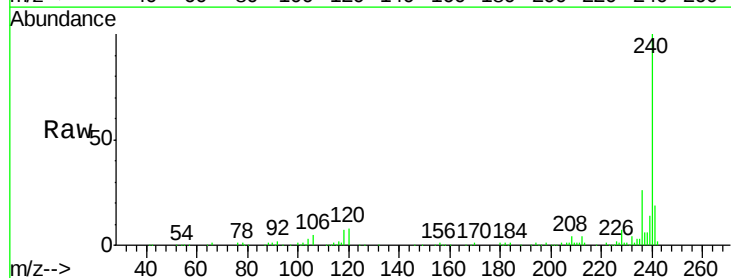
RT: 13.66 min Scan# 1030

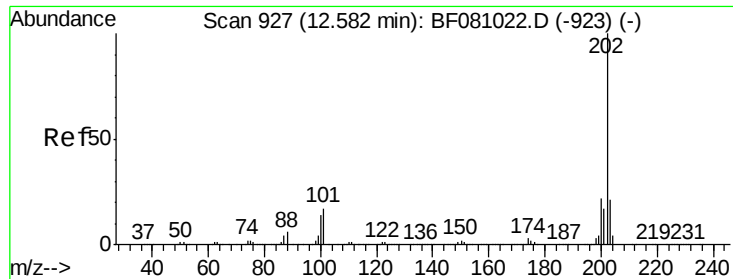
Delta R.T. -0.00 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Tgt Ion:	240	Resp:	211732
Ion Ratio	Lower	Upper	
240	100		
120	7.8	5.6	8.4
236	25.9	20.6	30.8





#77

Pyrene

Concen: 11.27 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_F

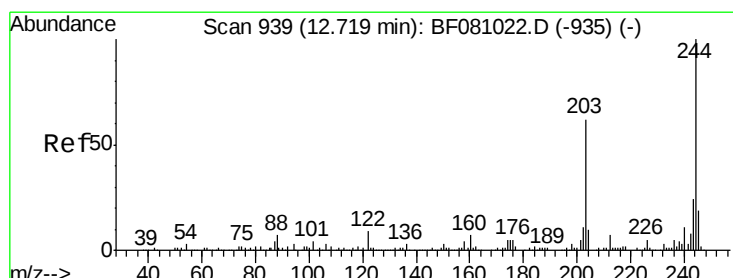
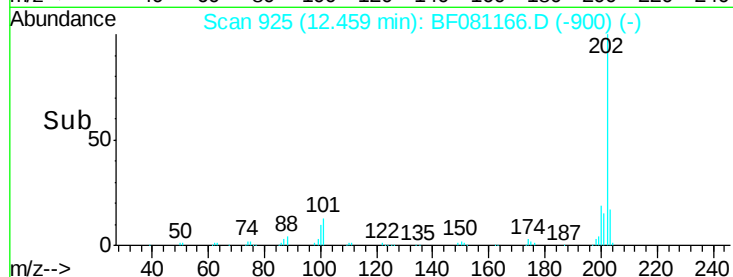
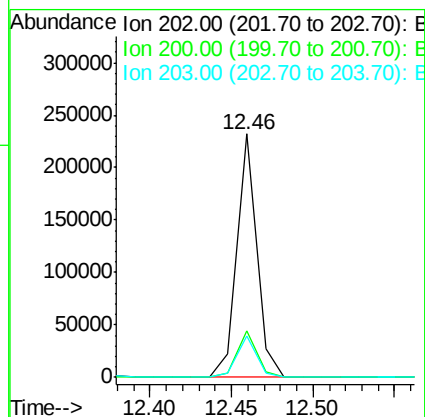
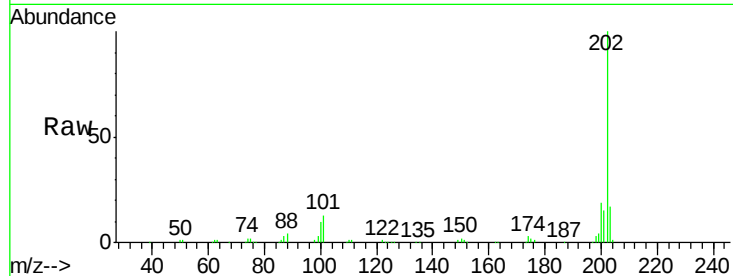
ClientSampleId :

8536DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	193944		
200	18.8	16.6	24.8	
203	17.1	14.1	21.1	

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#78

Terphenyl-d14

Concen: 21.39 ng

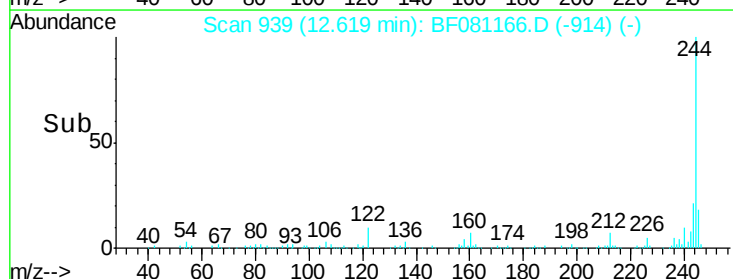
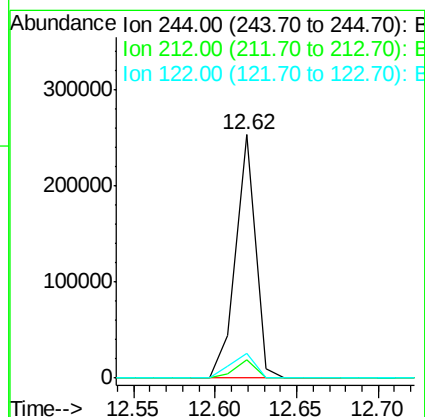
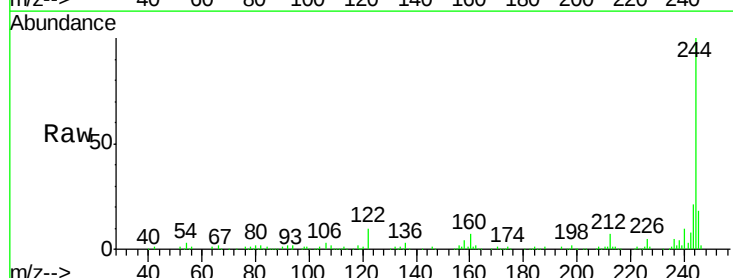
RT: 12.62 min Scan# 939

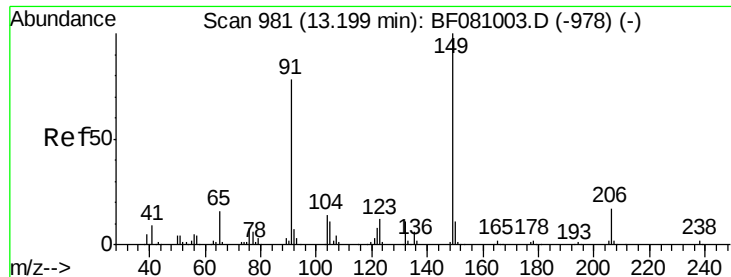
Delta R.T. -0.01 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	211295		
212	7.3	5.8	8.8	
122	10.3	8.2	12.4	





#79

Butylbenzylphthalate

Concen: 28.13 ng

RT: 13.10 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_F

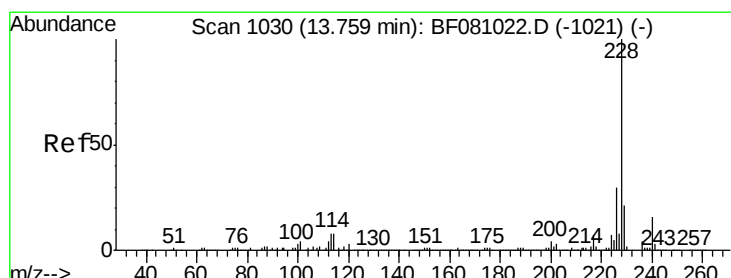
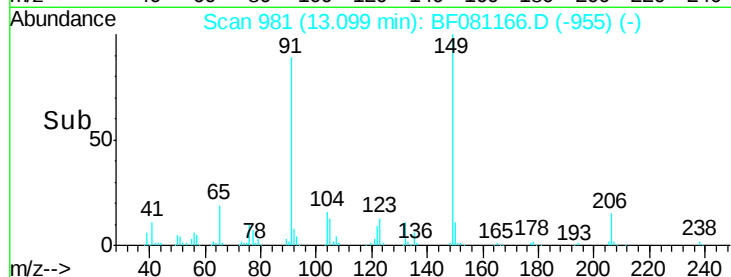
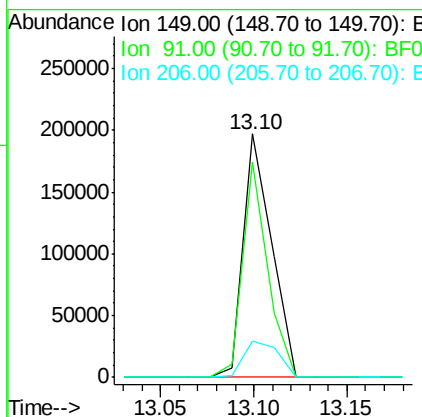
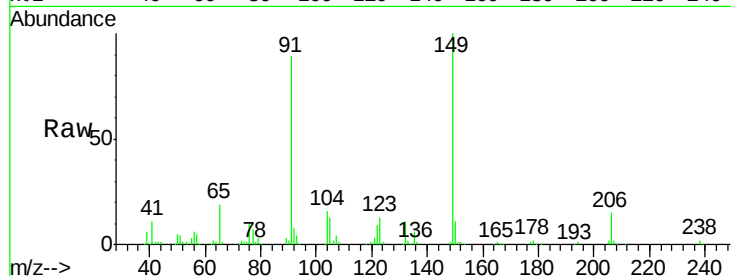
ClientSampleID :

8536DL

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Tgt Ion:	149	Resp:	208099
Ion Ratio	Lower	Upper	
149	100		
91	88.6	46.9	70.3#
206	14.9	17.0	25.4#



#80

Benzo(a)anthracene

Concen: 21.28 ng

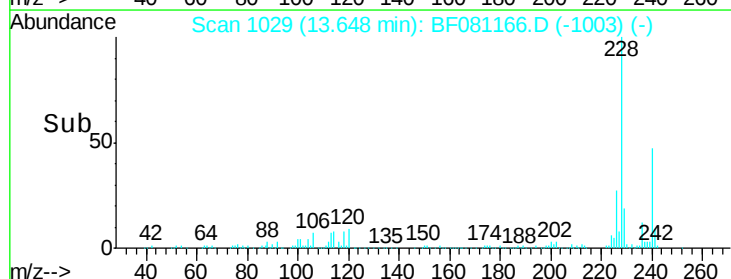
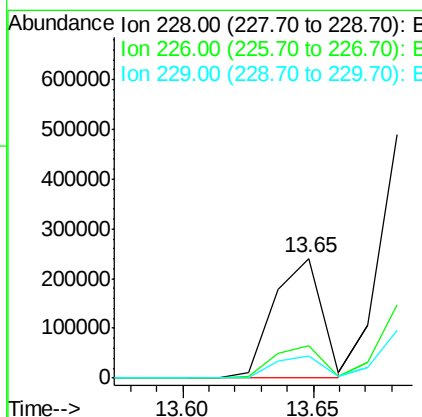
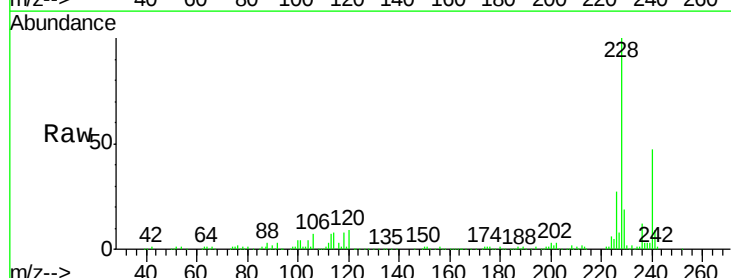
RT: 13.65 min Scan# 1029

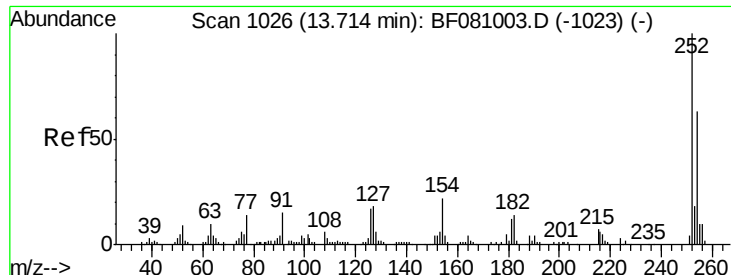
Delta R.T. -0.00 min

Lab File: BF081166.D

Acq: 24 Aug 2015 13:19

Tgt Ion:	228	Resp:	302137
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.3	33.5
229	18.9	15.9	23.9





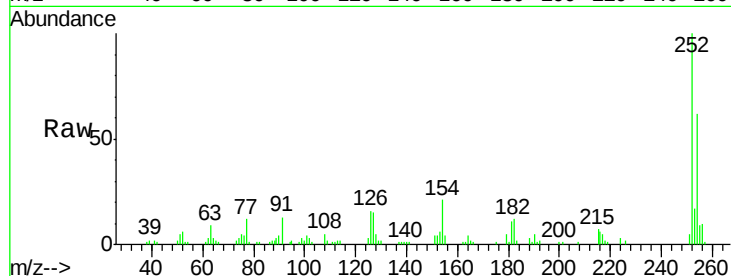
#81
 3,3'-Dichlorobenzidine
 Concen: 7.96 ng
 RT: 13.61 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF081166.D
 Acq: 24 Aug 2015 13:19

Instrument :
 BNA_F
 ClientSampled :
 8536DL

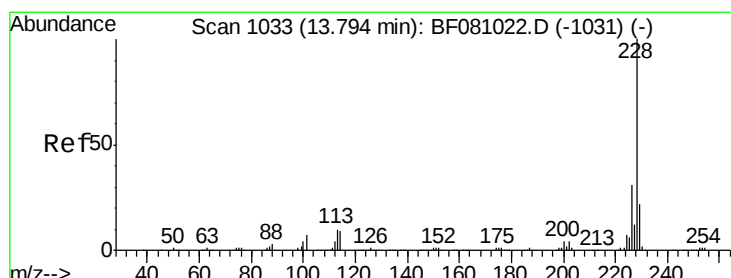
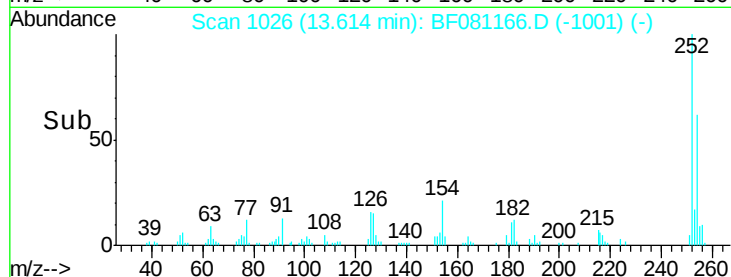
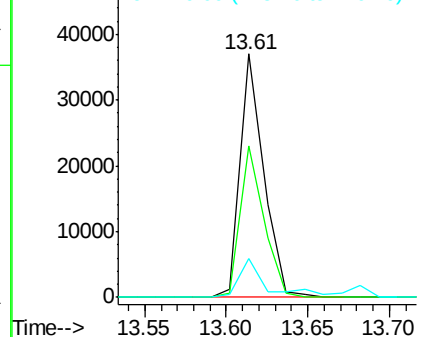
Tgt Ion:	252	Resp:	36631
Ion Ratio	Lower	Upper	
252	100		
254	61.9	51.5	77.3
126	16.0	12.5	18.7

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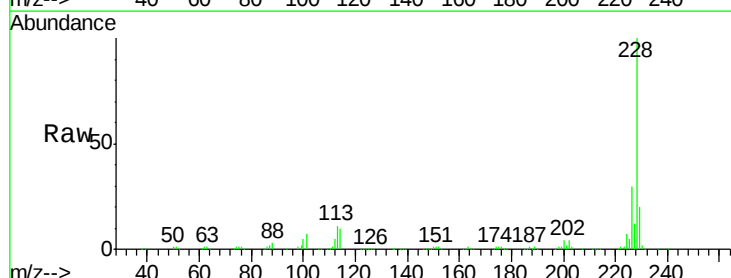


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

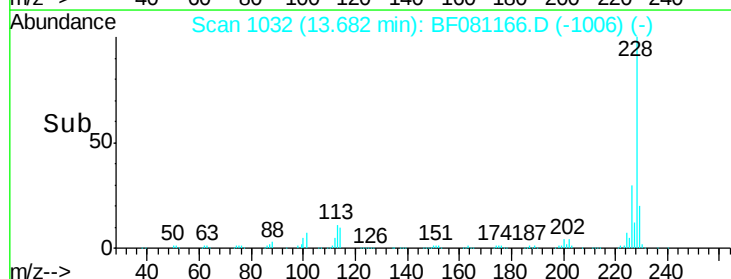
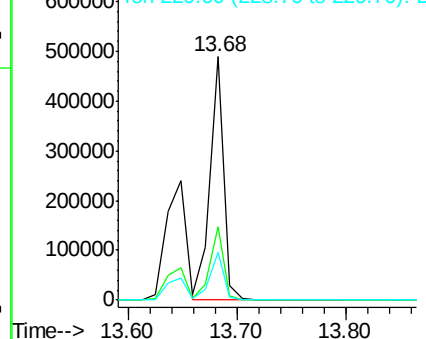


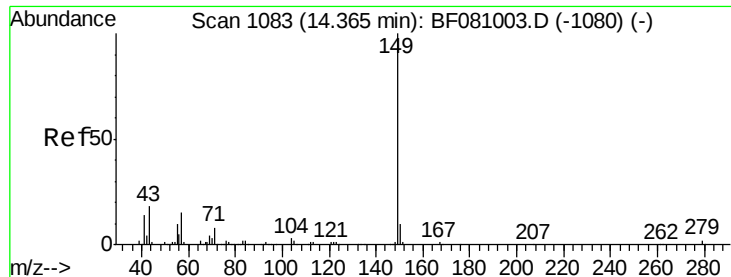
#82
 Chrysene
 Concen: 33.98 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081166.D
 Acq: 24 Aug 2015 13:19

Tgt Ion:	228	Resp:	434829
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.4	36.6
229	19.6	16.0	24.0



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





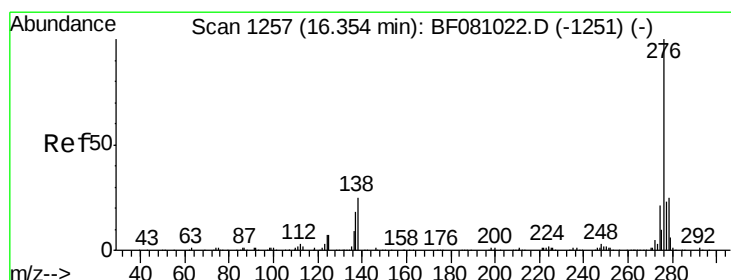
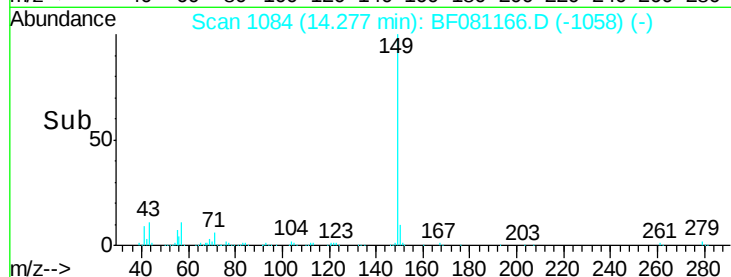
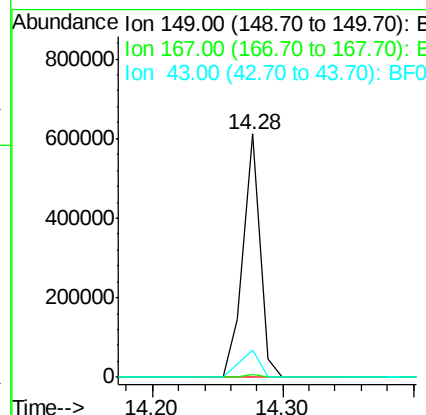
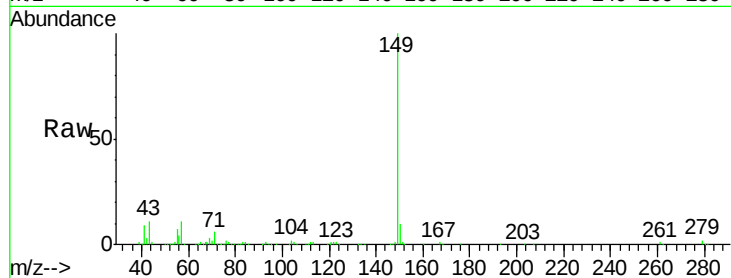
#84
Di-n-octyl phthalate
Concen: 38.41 ng
RT: 14.28 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Instrument :
BNA_F
ClientSampleId :
8536DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.1	1.7
43	13.5	11.6	17.4

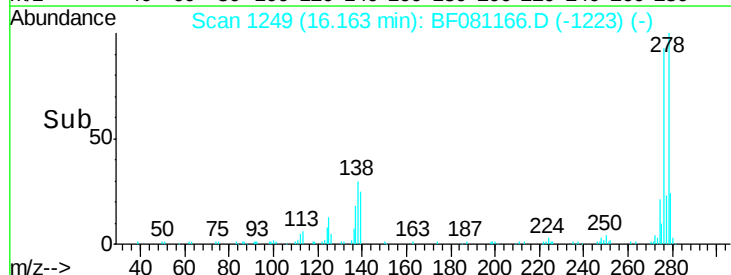
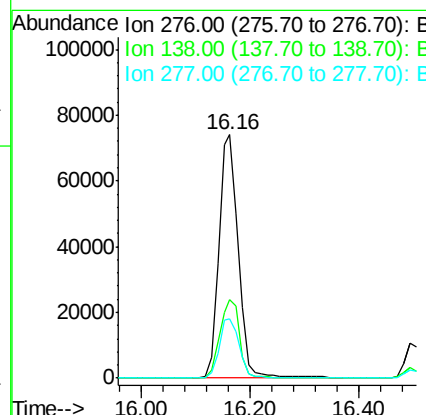
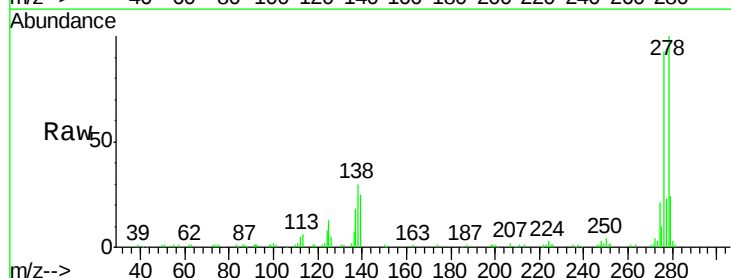
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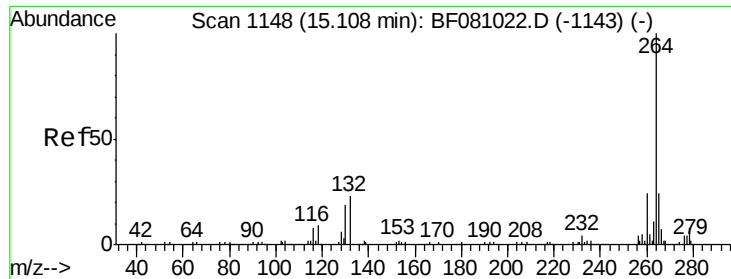
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#85
Indeno(1,2,3-cd)pyrene
Concen: 20.63 ng
RT: 16.16 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	32.8	18.6	28.0#
277	25.0	19.8	29.8





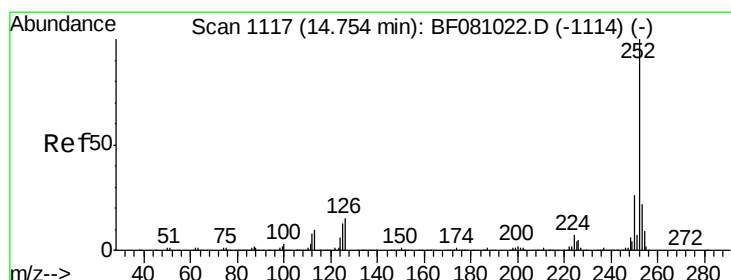
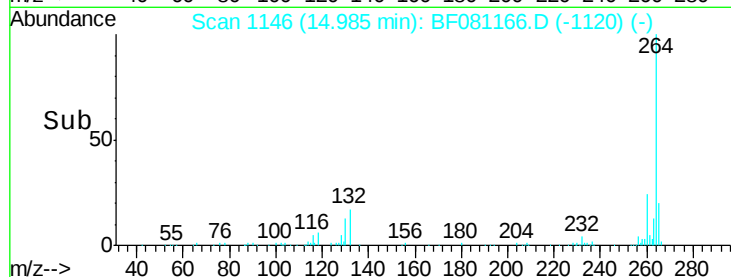
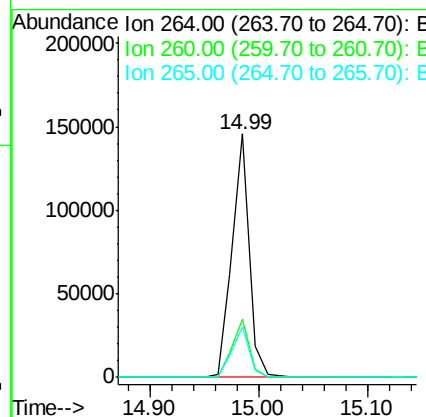
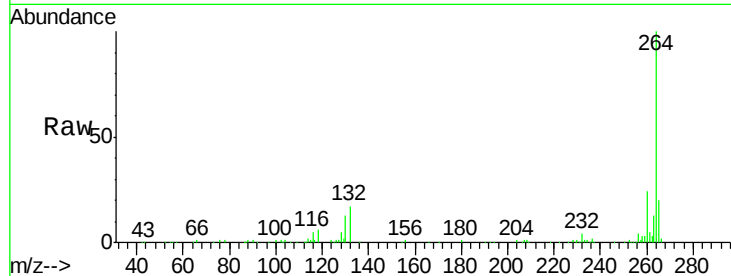
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Instrument :
BNA_F
ClientSampleId :
8536DL

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	159103		
260	24.0	19.6	29.4	
265	20.4	17.5	26.3	

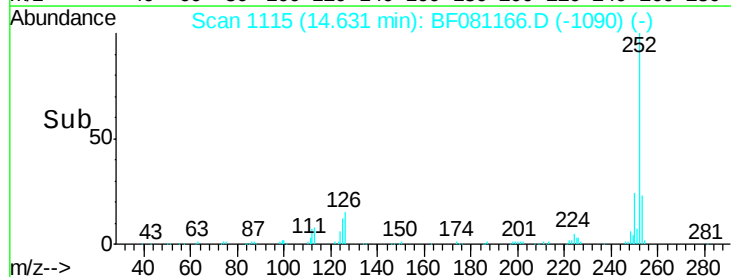
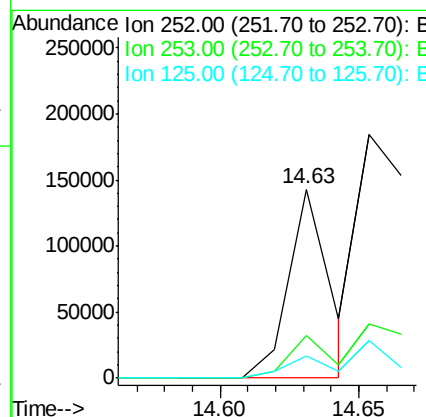
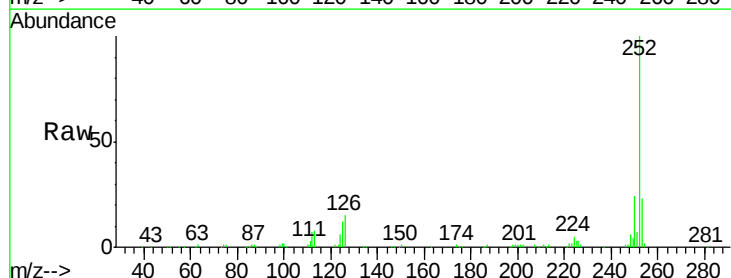
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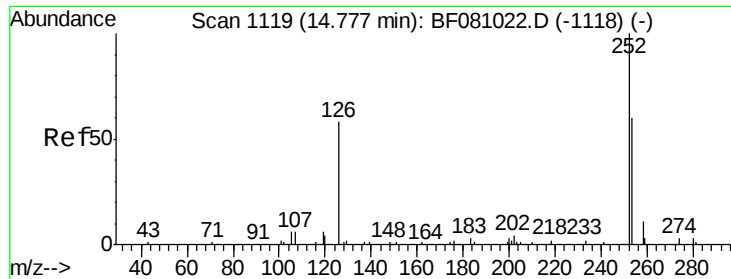
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#87
Benzo(b)fluoranthene
Concen: 12.74 ng m
RT: 14.63 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	143382		
253	22.6	17.1	25.7	
125	11.7	8.0	12.0	





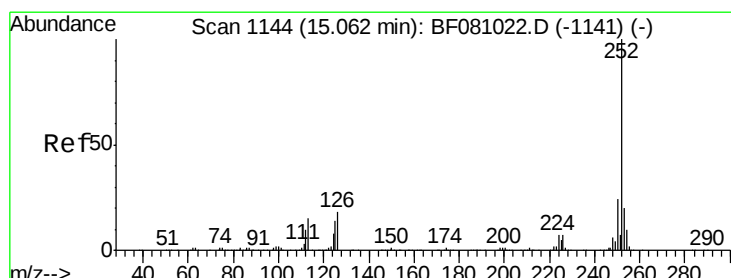
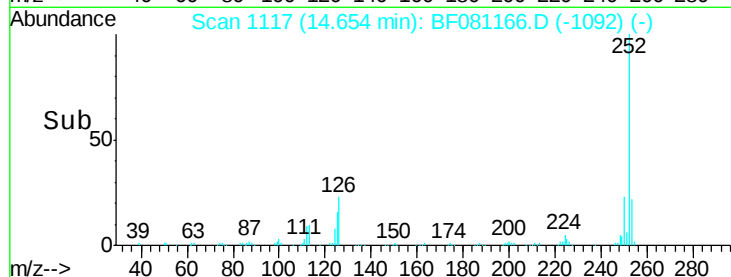
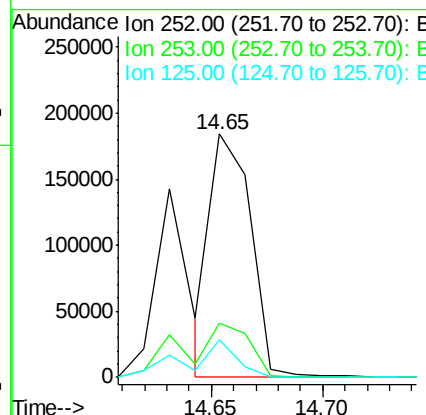
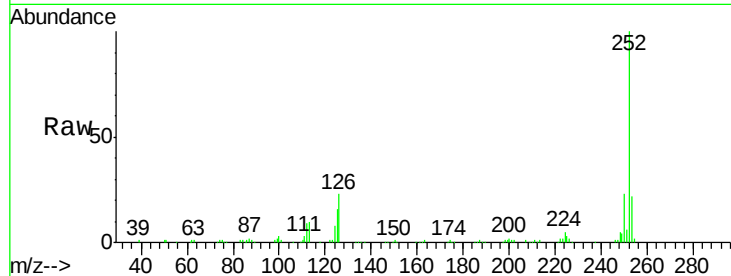
#88
Benzo(k)fluoranthene
Concen: 22.82 ng m
RT: 14.65 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Instrument :
BNA_F
ClientSampleId :
8536DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	239323		
253	22.0	17.6	26.4	
125	15.5	10.3	15.5#	

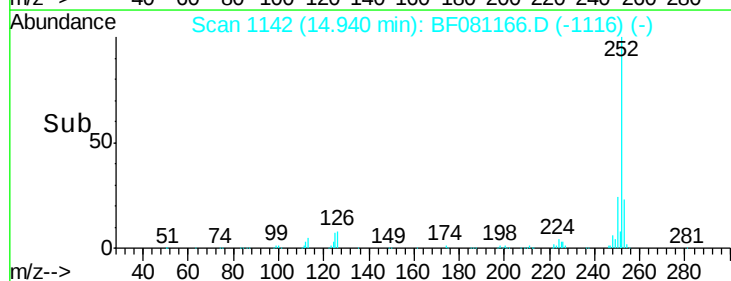
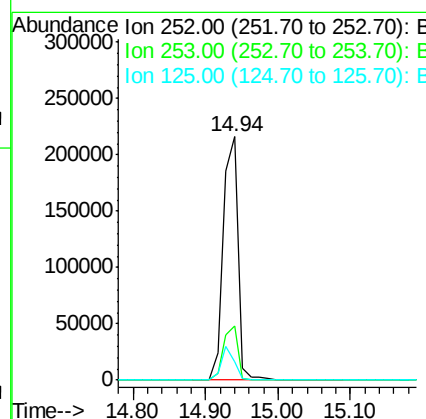
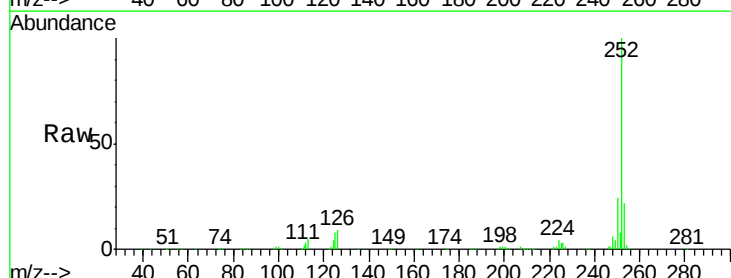
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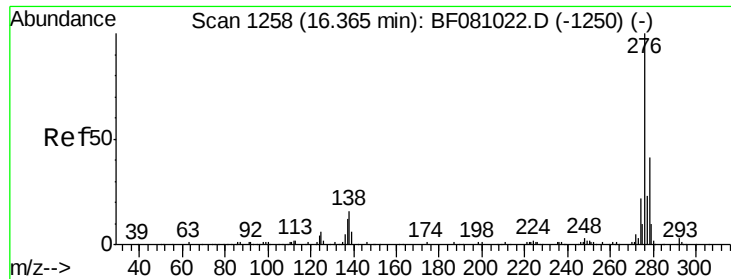
MMDadoda
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#89
Benzo(a)pyrene
Concen: 31.32 ng
RT: 14.94 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	307161		
253	22.3	16.6	25.0	
125	7.6	7.8	11.8#	





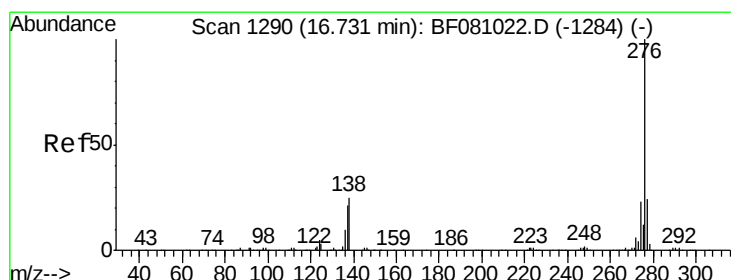
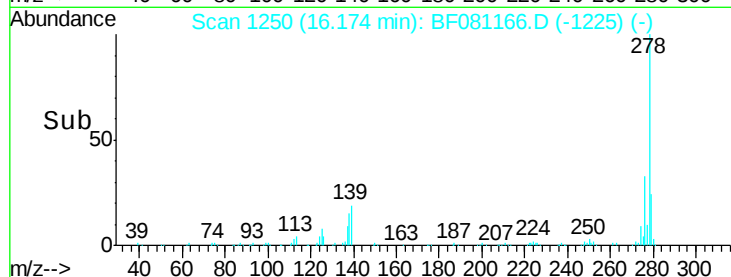
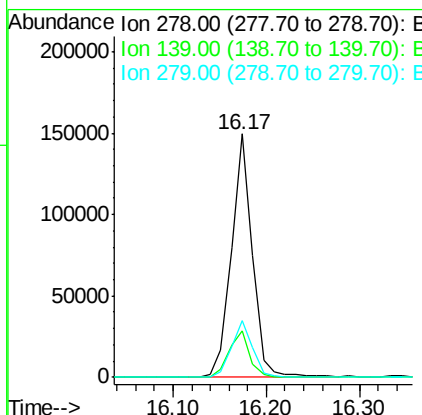
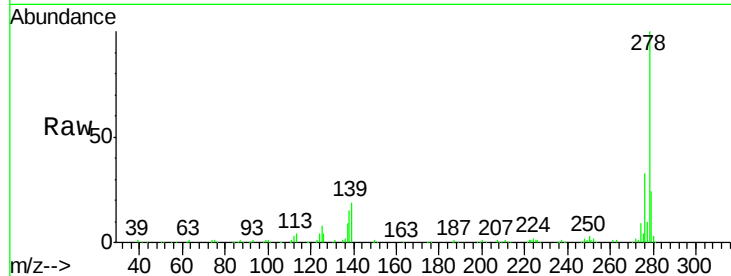
#90
Dibenzo(a,h)anthracene
Concen: 30.91 ng
RT: 16.17 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Instrument :
BNA_F
ClientSampleId :
8536DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.2	10.8	16.2#
279	23.6	19.0	28.6

Manual Integrations
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8/25/2015 12:38:20 PM



#91
Benzo(g,h,i)perylene
Concen: 2.59 ng
RT: 16.49 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF081166.D
Acq: 24 Aug 2015 13:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.4	18.2	27.2
138	30.6	13.7	20.5#

