

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078692.D
 Acq On : 21 Apr 2015 19:34
 Operator : TP/IZ
 Sample : G1938-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-67D

Manual Integrations
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Quant Time: Apr 22 03:30:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 00:52:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	38831	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	165467	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	87245	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	174506	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	176015	20.00	ng	-0.01
86) Perylene-d12	19.47	264	168000	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	3.84	112	212639	90.29	ng	0.01
7) Phenol-d6	5.32	99	278088	94.22	ng	0.00
23) Nitrobenzene-d5	6.75	82	161296	59.09	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	74686	103.22	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	303804	49.78	ng	-0.01
78) Terphenyl-d14	16.43	244	321497	41.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	10.80	163	15690	2.39	ng	# 98
70) Phenanthrene	13.94	178	53022	5.25	ng	99
74) Fluoranthene	15.83	202	73967	6.95	ng	95
77) Pyrene	16.14	202	68337	6.18	ng	97
80) Benzo(a)anthracene	17.76	228	31633	3.02	ng	98
82) Chrysene	17.79	228	28555	2.90	ng	99
83) Bis(2-ethylhexyl)phthalate	17.90	149	14216	2.15	ng	99
87) Benzo(b)fluoranthene	19.05	252	33549m	3.23	ng	
89) Benzo(a)pyrene	19.41	252	26593	2.93	ng	# 92

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

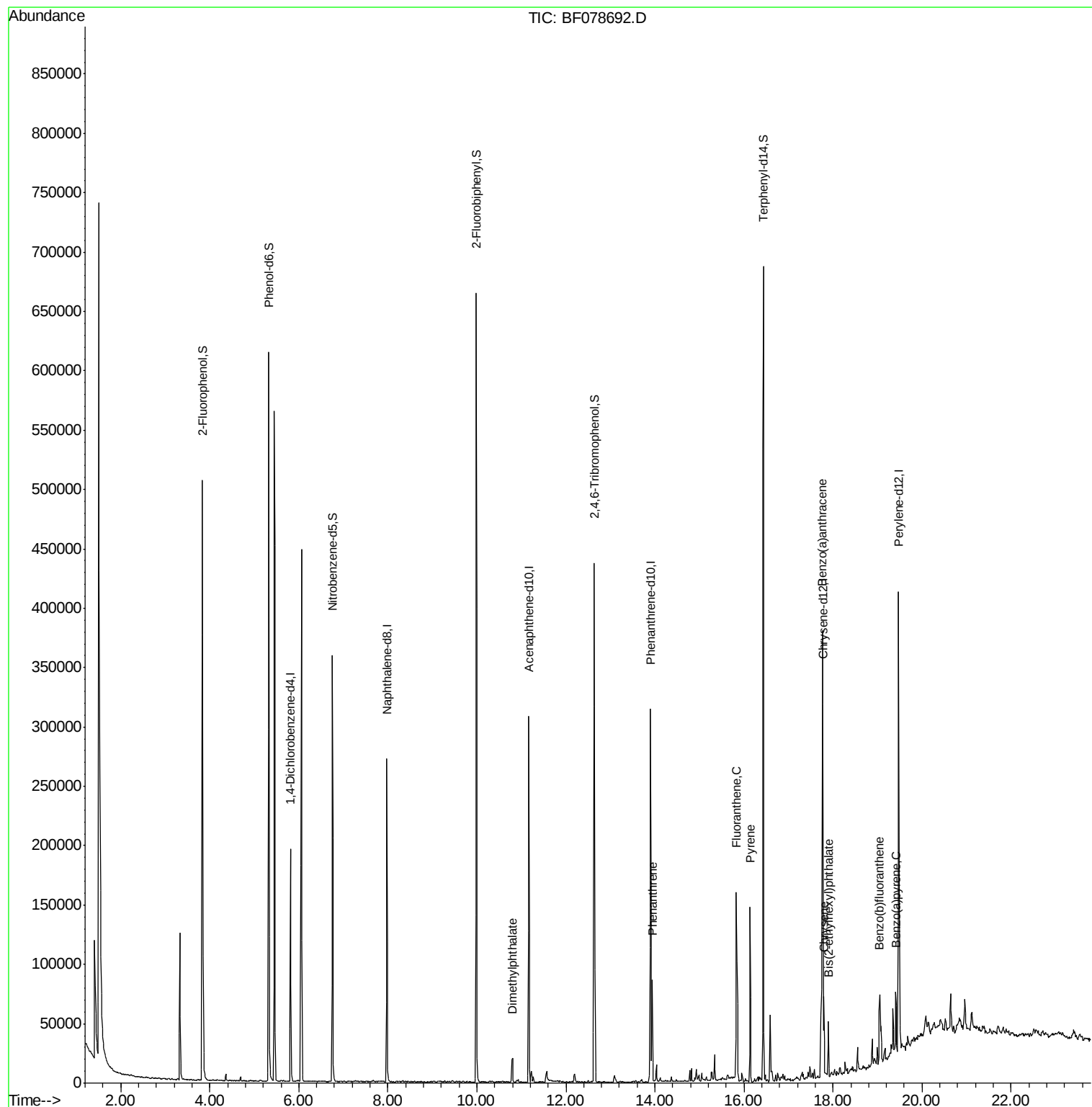
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
Data File : BF078692.D
Acq On : 21 Apr 2015 19:34
Operator : TP/IZ
Sample : G1938-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

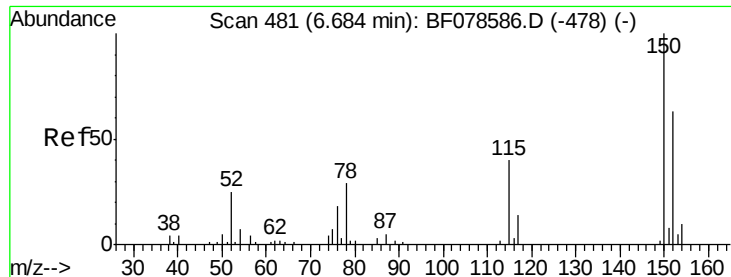
Instrument :
BNA_F
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Quant Time: Apr 22 03:30:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

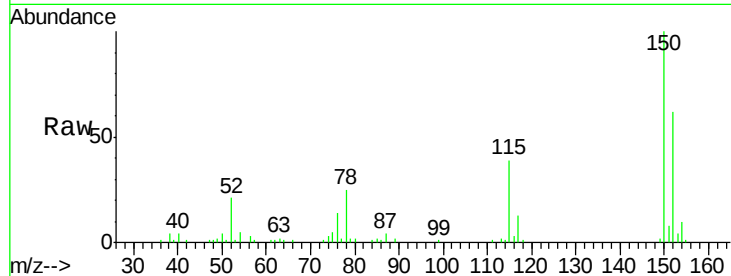
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

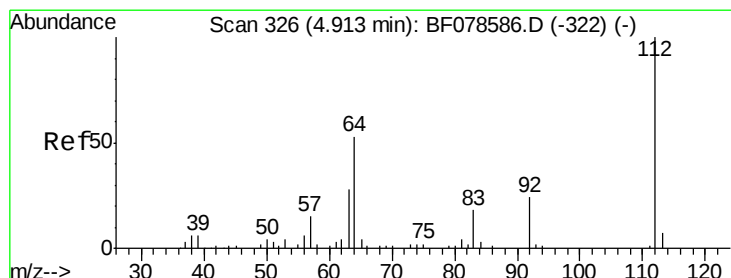
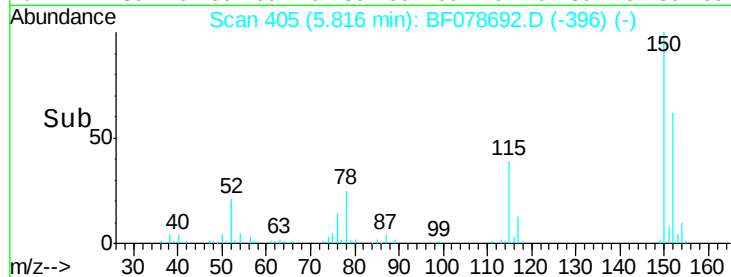
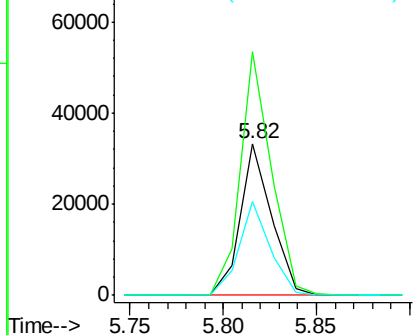
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	125.9	188.9
115	62.4	52.7	79.1

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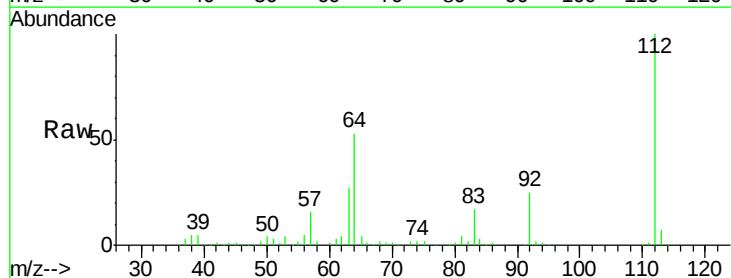
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



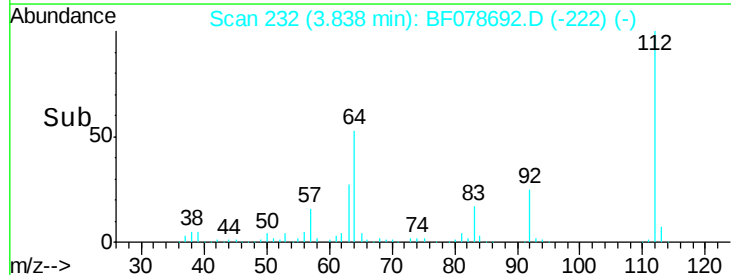
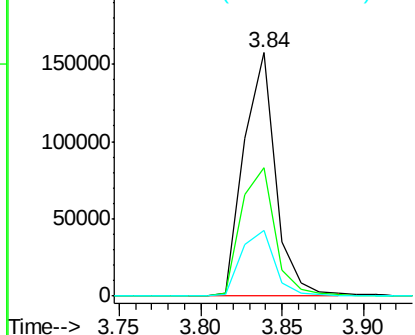
#5

2-Fluorophenol
Concen: 90.29 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	39.9	59.9
63	27.0	20.2	30.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.22 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF078692.D

Acq: 21 Apr 2015 19:34

Instrument :

BNA_F

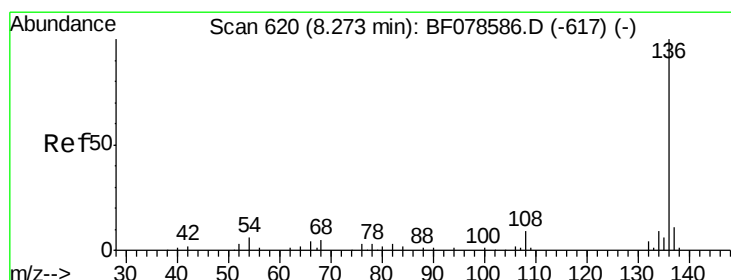
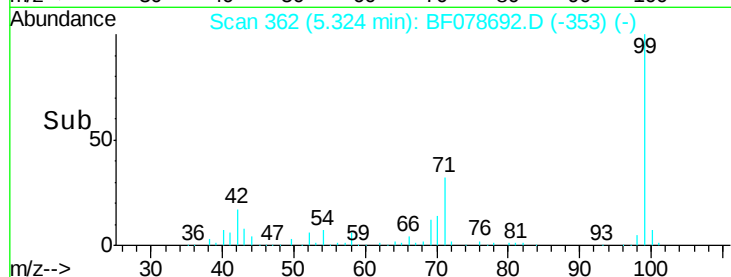
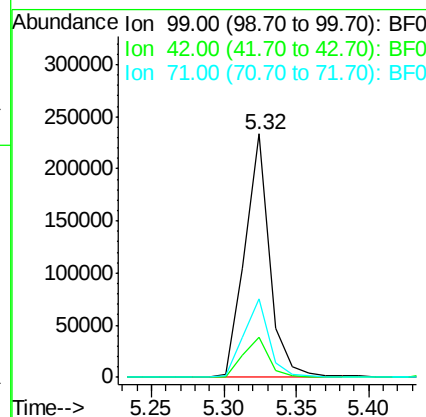
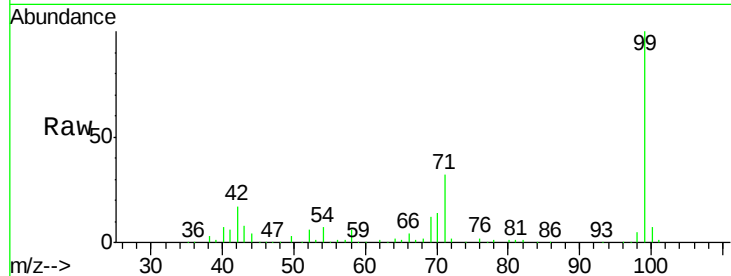
ClientSampleId :

SB-67D

Tot Ion:	99	Resp:	278088
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.8	22.2
71	32.4	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

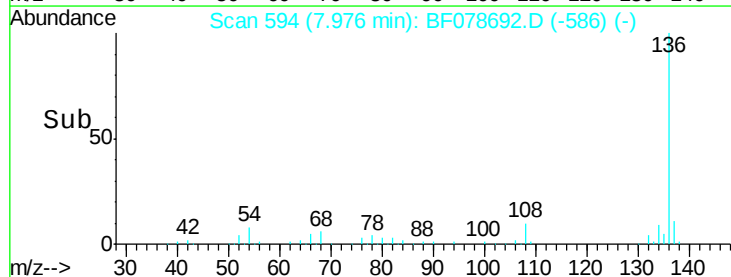
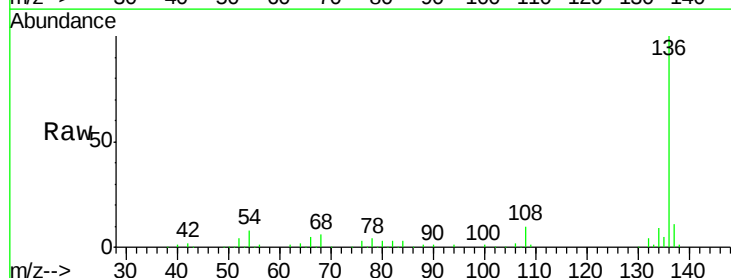
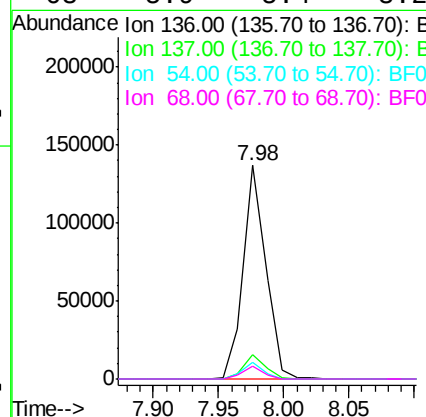
RT: 7.98 min Scan# 594

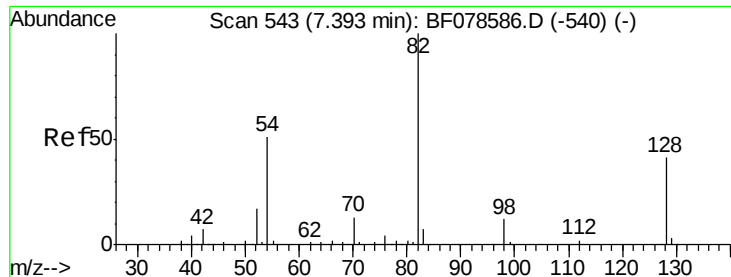
Delta R.T. -0.01 min

Lab File: BF078692.D

Acq: 21 Apr 2015 19:34

Tgt Ion:	136	Resp:	165467
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.6	7.0	10.6
68	5.9	5.4	8.2





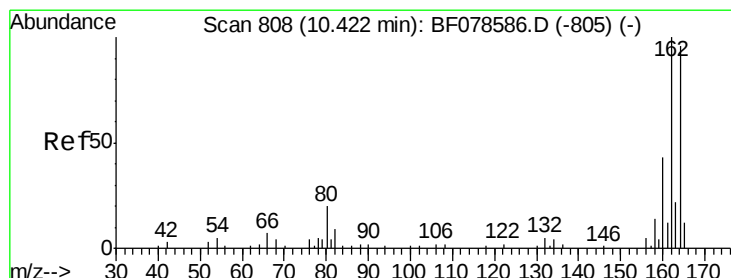
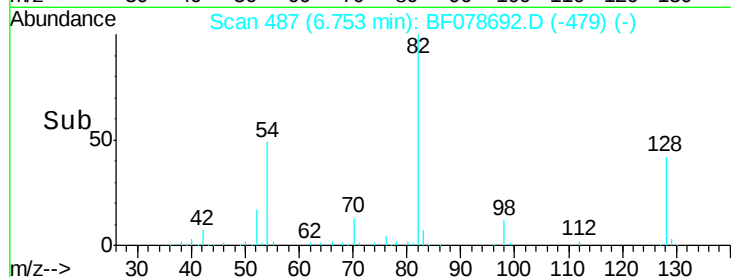
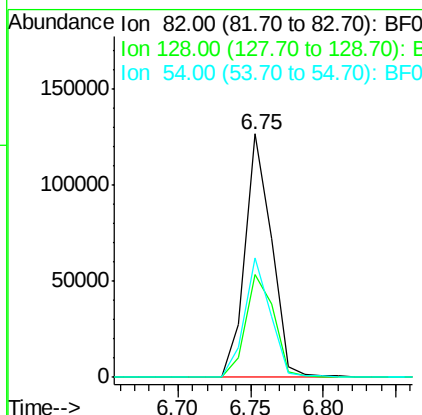
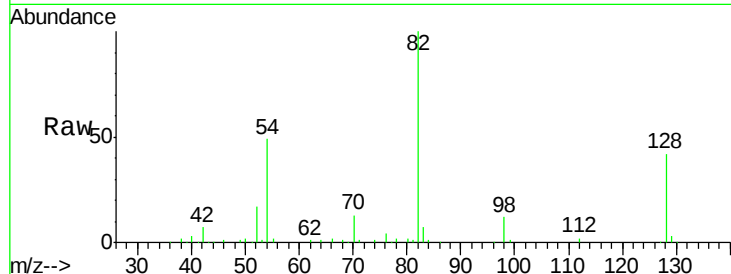
#23
 Nitrobenzene-d5
 Concen: 59.09 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078692.D
 Acq: 21 Apr 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-67D

Tot Ion	Ratio	Resp	Lower	Upper
82	100	161296		
128	42.3	31.8	47.8	
54	49.1	41.5	62.3	

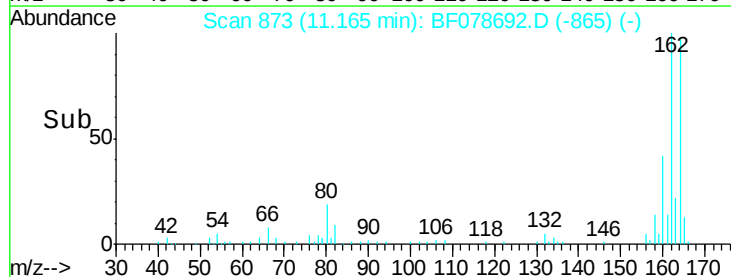
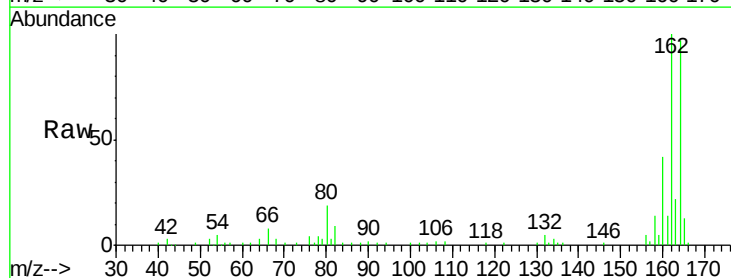
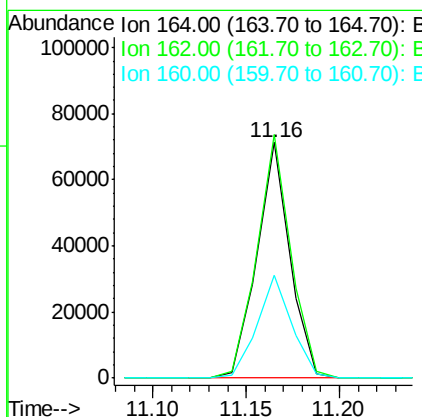
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078692.D
 Acq: 21 Apr 2015 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87245		
162	103.3	82.2	123.2	
160	43.7	34.7	52.1	





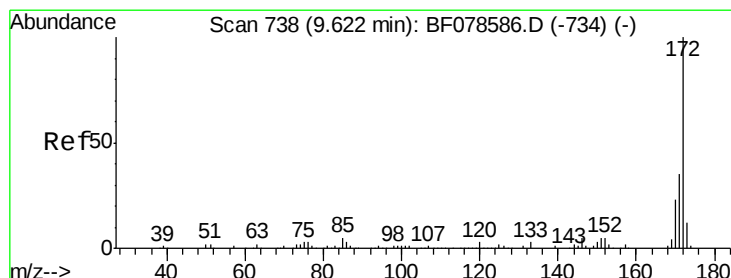
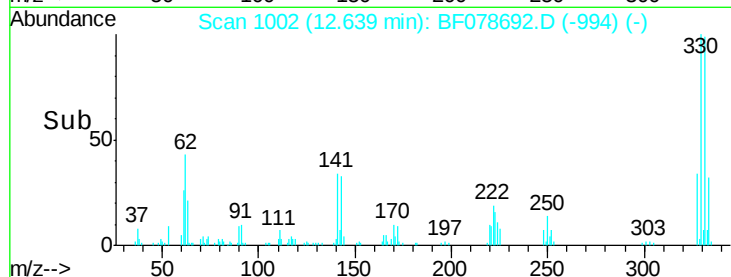
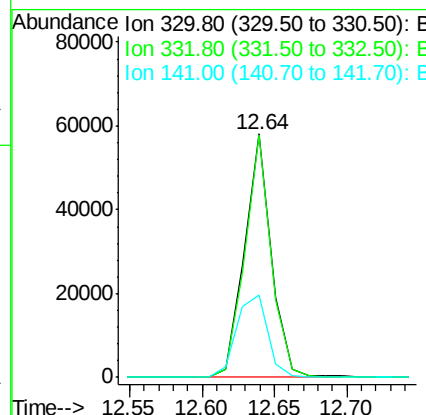
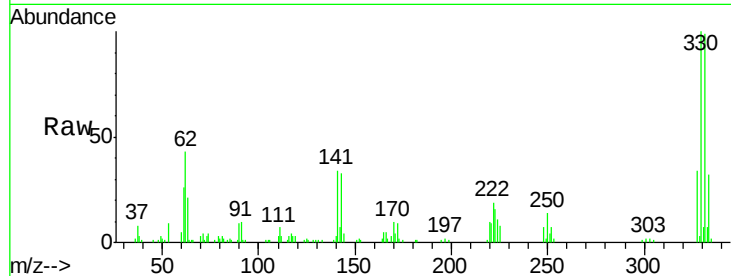
#41
 2,4,6-Tribromophenol
 Concen: 103.22 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078692.D
 Acq: 21 Apr 2015 19:34

Instrument :
 BNA_F
 ClientSampled :
 SB-67D

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	78.6	117.8	
141	39.3	31.2	46.8	

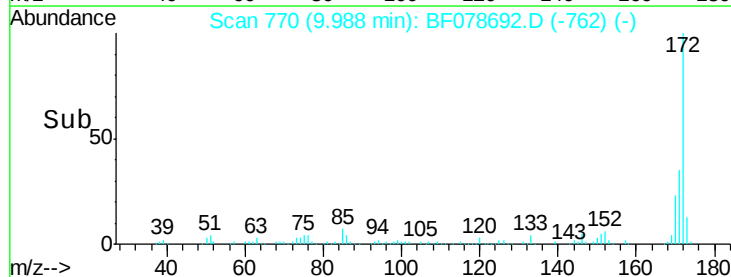
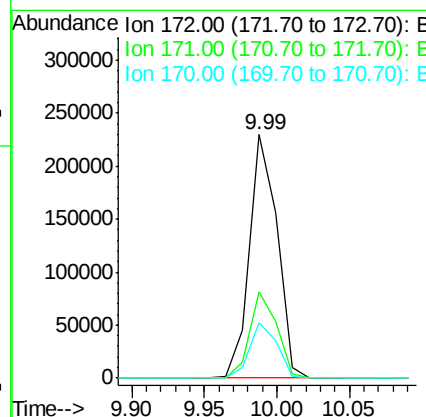
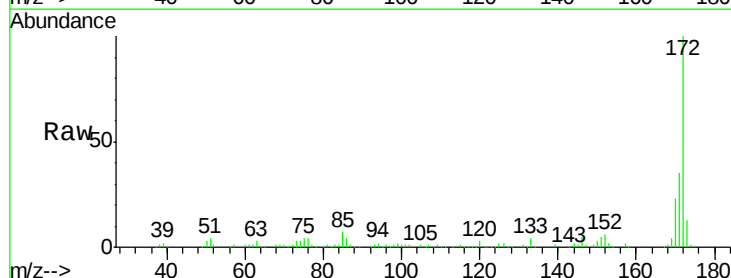
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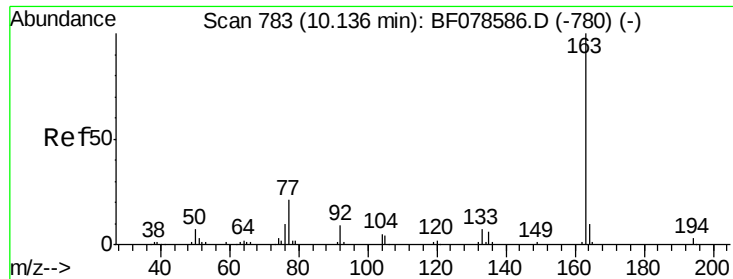
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#44
 2-Fluorobiphenyl
 Concen: 49.78 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078692.D
 Acq: 21 Apr 2015 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	28.6	42.8	
170	22.9	18.5	27.7	





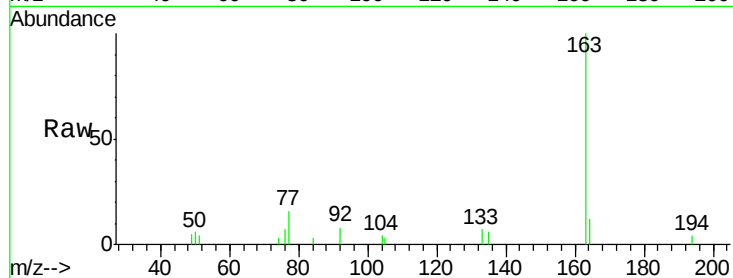
#49
Dimethylphthalate
Concen: 2.39 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

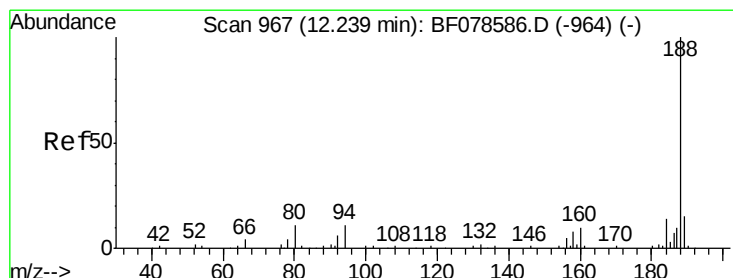
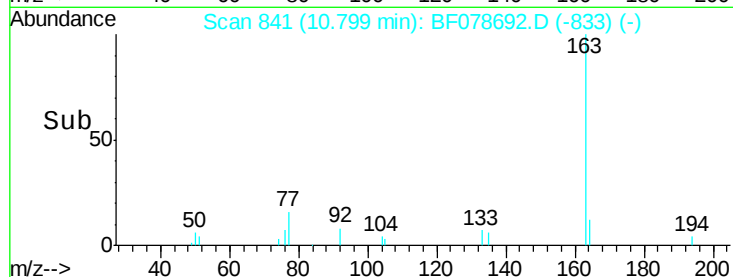
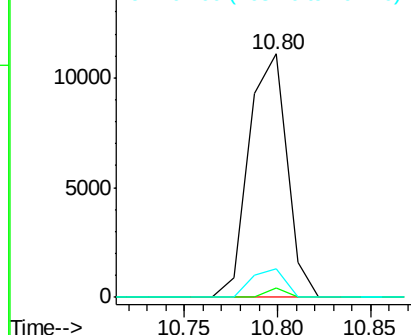
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.3	3.5#
164	11.6	8.6	13.0

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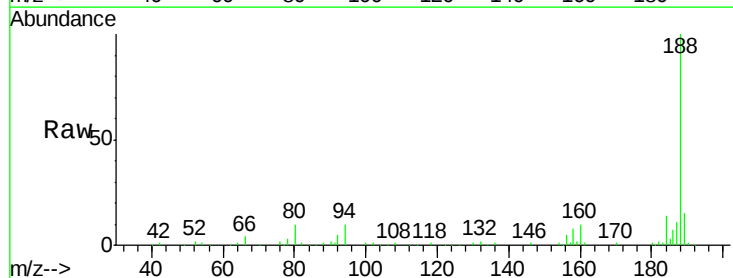


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

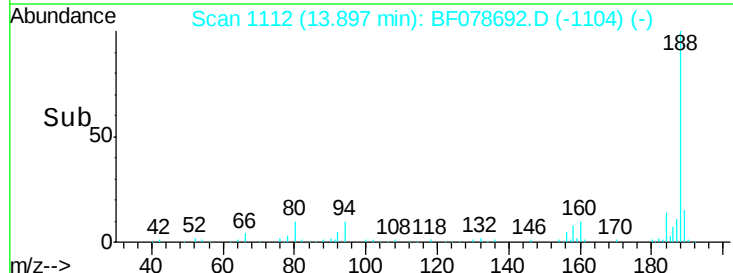
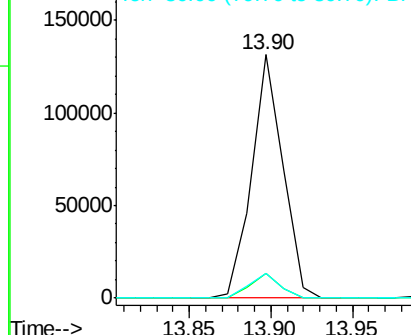


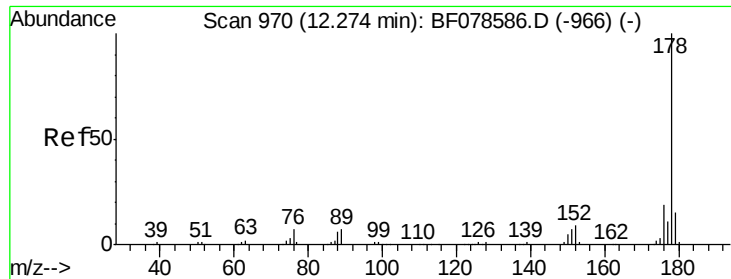
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.4
80	10.4	9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





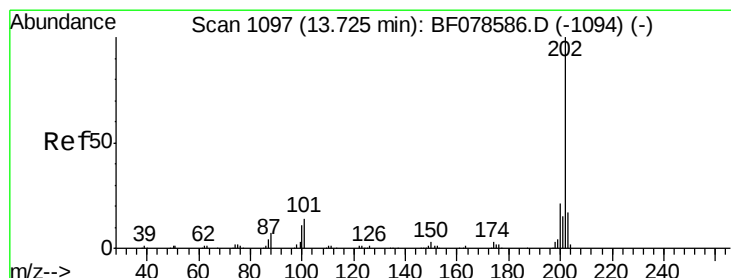
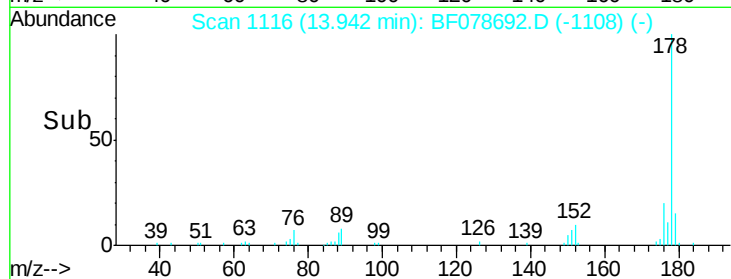
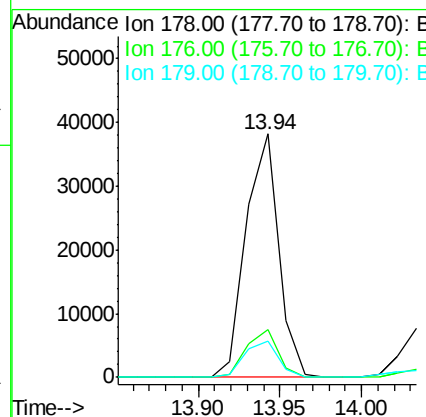
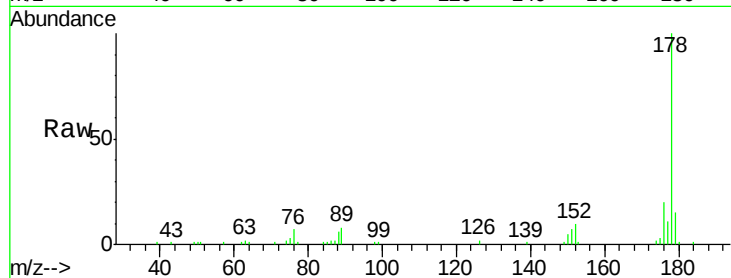
#70
Phenanthrene
Concen: 5.25 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampled :
SB-67D

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	14.8	12.2	18.2

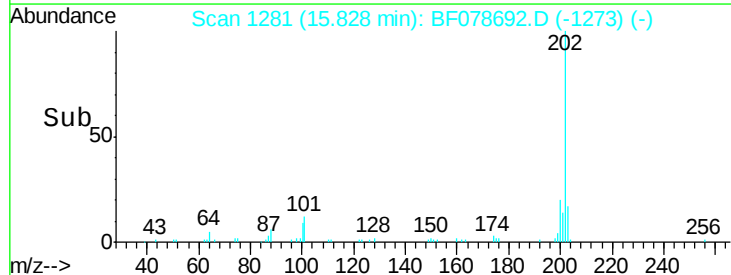
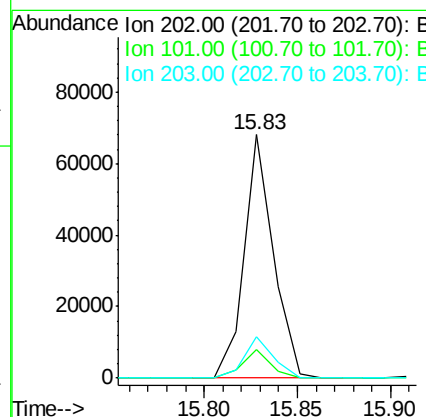
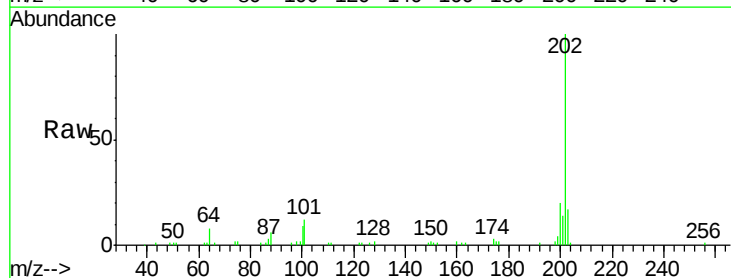
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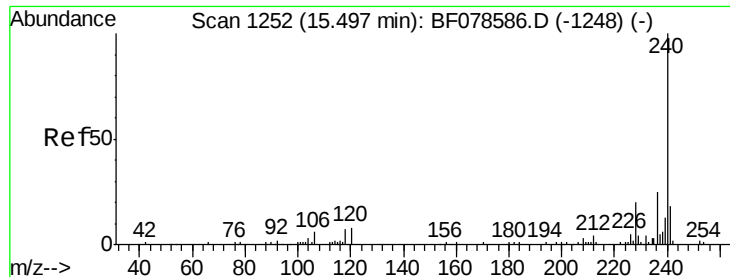
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#74
Fluoranthene
Concen: 6.95 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	35.2
203	17.1	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.77 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF078692.D

Acq: 21 Apr 2015 19:34

Instrument :

BNA_F

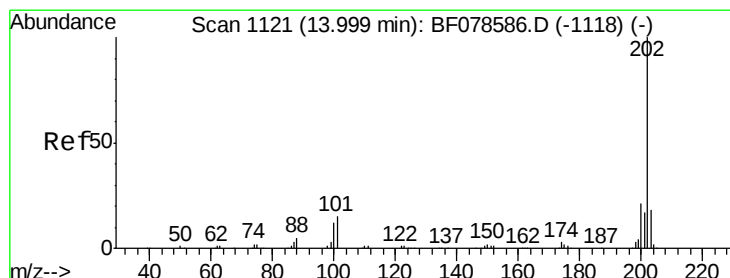
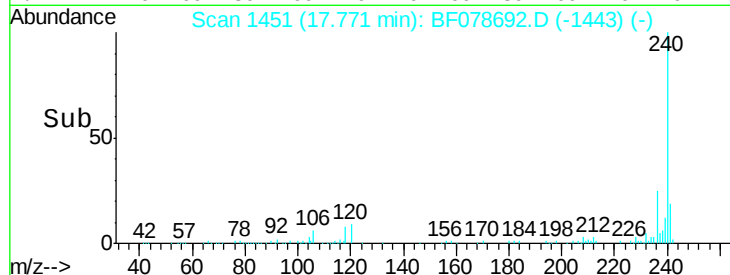
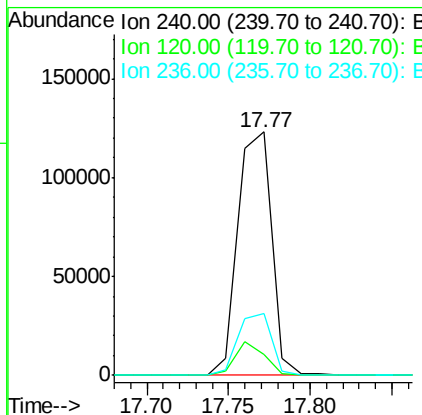
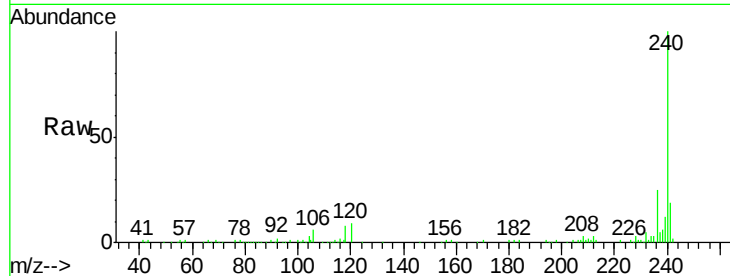
ClientSampleId :

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Tot Ion:	240	Resp:	176015
Ion Ratio	Lower	Upper	
240	100		
120	8.7	7.1	10.7
236	25.2	21.4	32.2

Manual Integrations
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#77

Pyrene

Concen: 6.18 ng

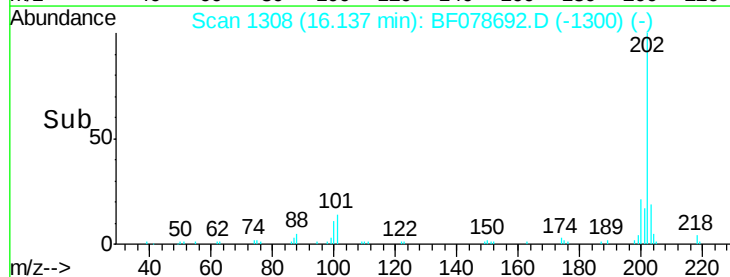
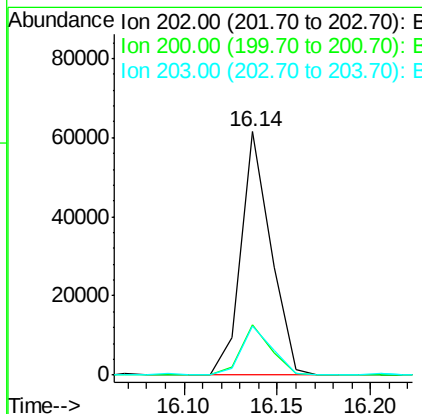
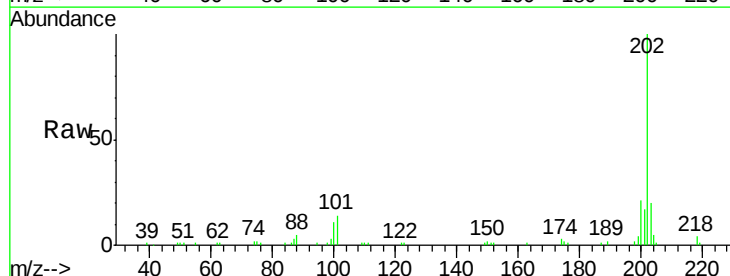
RT: 16.14 min Scan# 1308

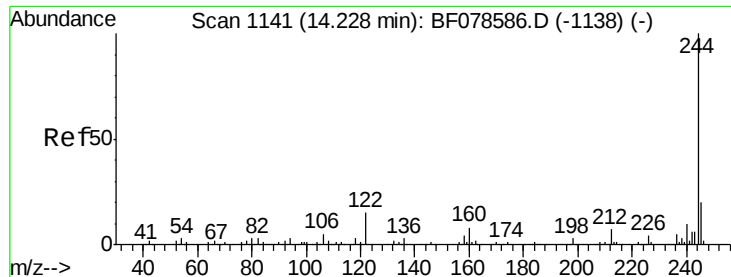
Delta R.T. -0.01 min

Lab File: BF078692.D

Acq: 21 Apr 2015 19:34

Tgt Ion:	202	Resp:	68337
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.3	24.5
203	20.0	13.8	20.6





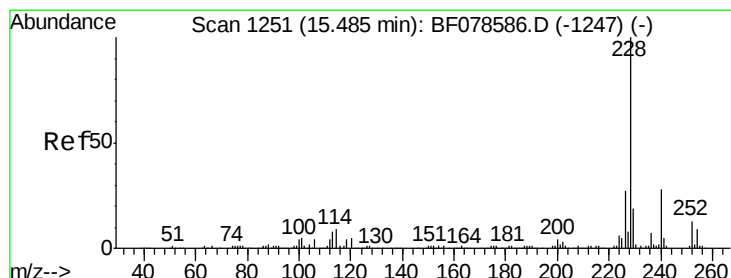
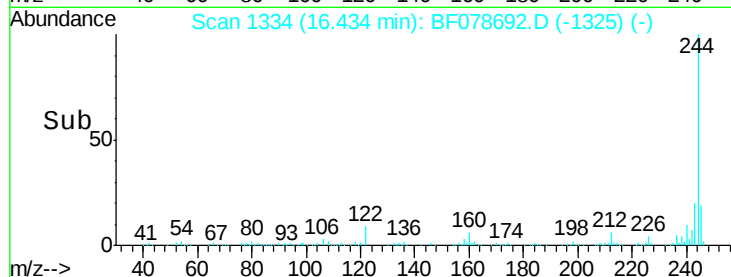
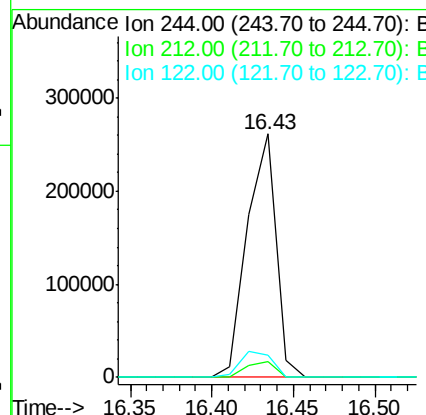
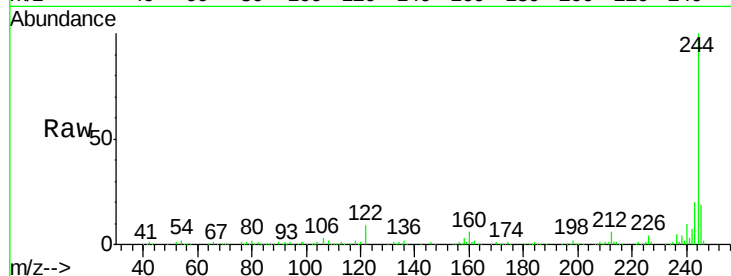
#78
 Terphenyl-d14
 Concen: 41.27 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF078692.D
 Acq: 21 Apr 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-67D

Tot Ion	Ratio	Resp	Lower	Upper
244	100	321497		
212	6.3	5.0	7.4	
122	8.9	7.1	10.7	

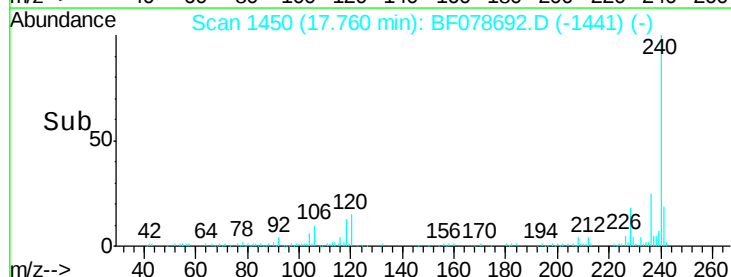
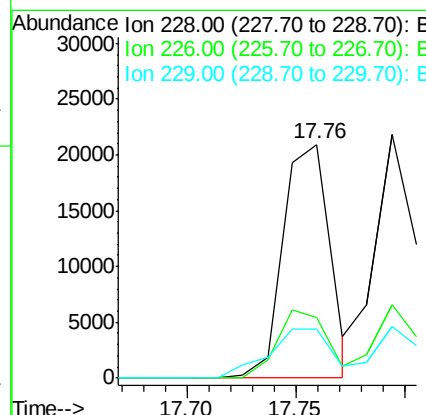
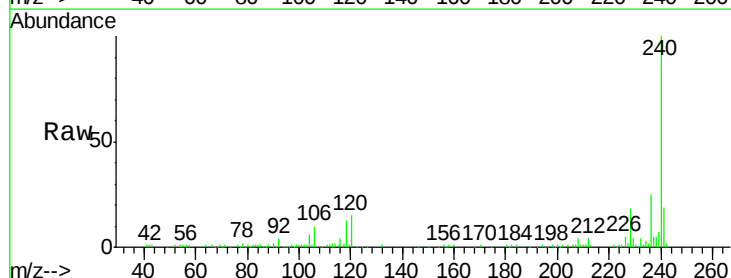
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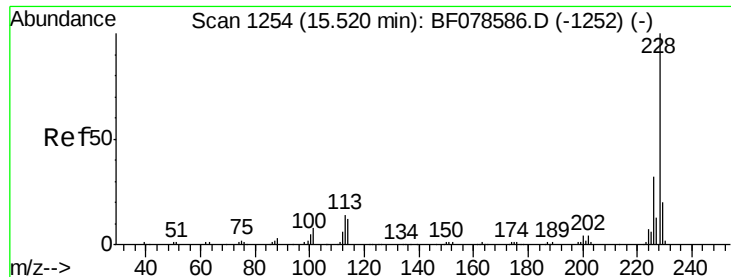
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#80
 Benzo(a)anthracene
 Concen: 3.02 ng
 RT: 17.76 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF078692.D
 Acq: 21 Apr 2015 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	31633		
226	25.9	21.3	31.9	
229	21.0	15.4	23.2	





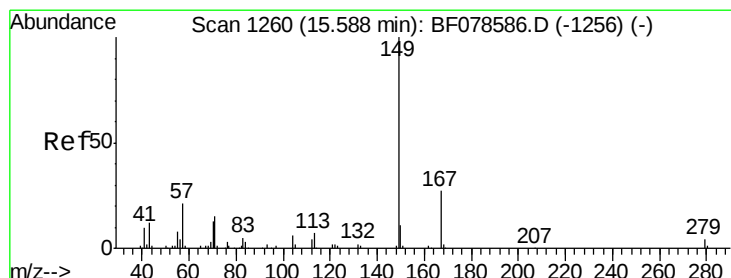
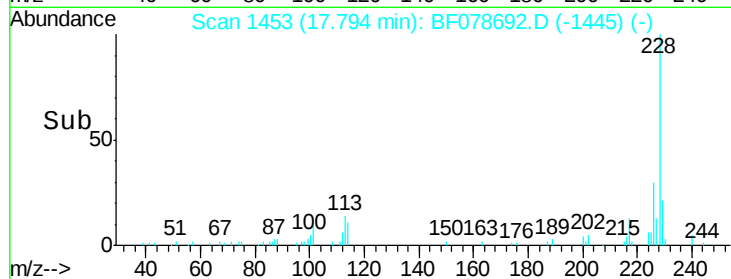
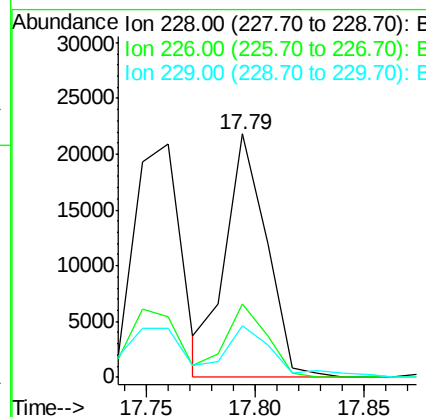
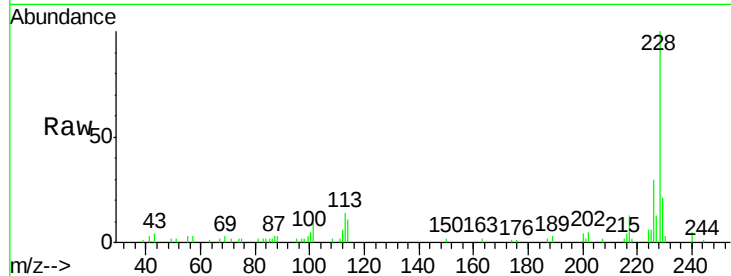
#82
 Chrysene
 Concen: 2.90 ng
 RT: 17.79 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF078692.D
 Acq: 21 Apr 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-67D

Tot Ion:	228	Resp:	28555
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.2	36.4
229	21.2	15.8	23.8

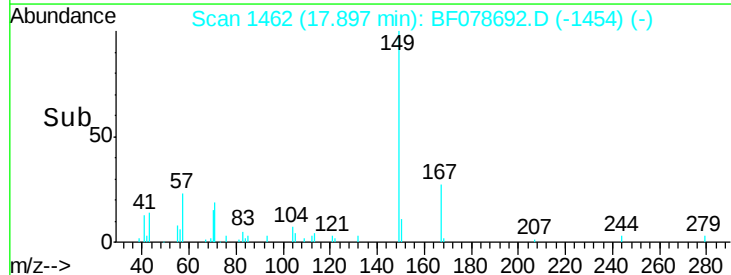
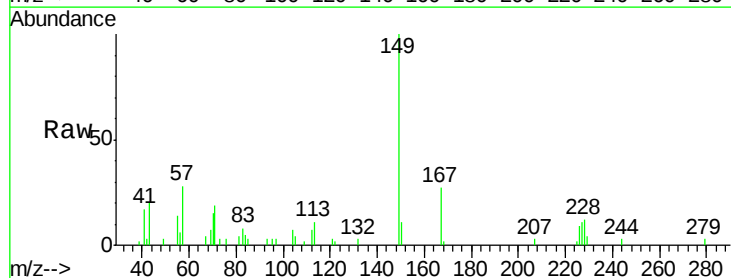
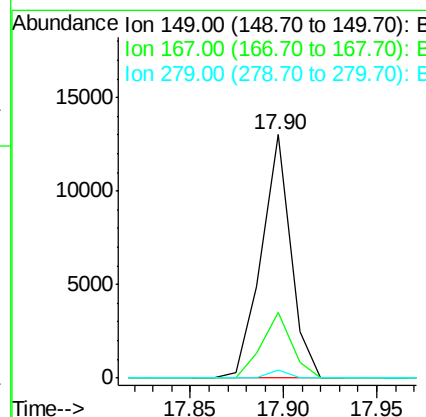
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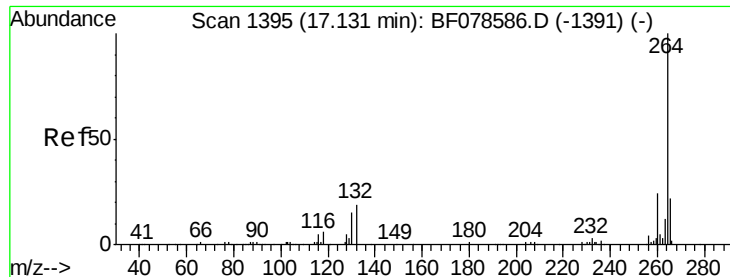
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.15 ng
 RT: 17.90 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF078692.D
 Acq: 21 Apr 2015 19:34

Tgt Ion:	149	Resp:	14216
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.2	33.2
279	3.5	3.2	4.8





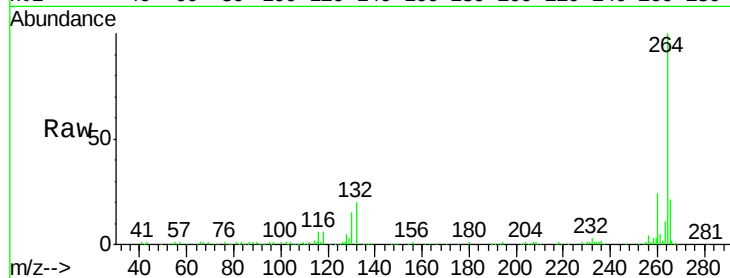
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.47 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

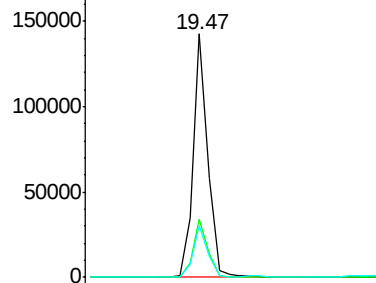
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.0	17.0	25.6

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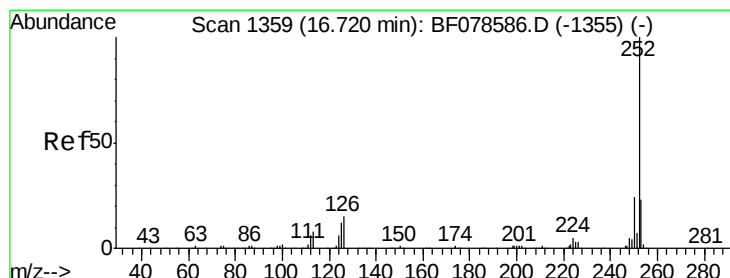
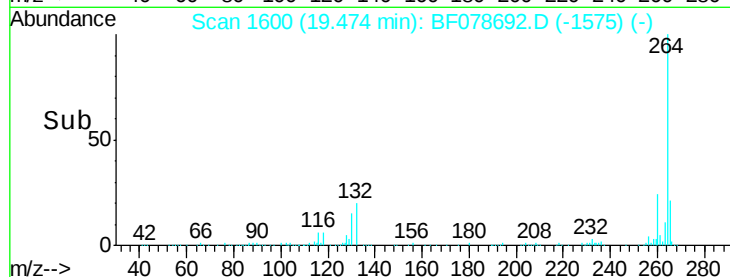
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



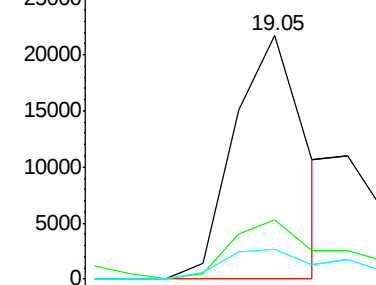
Time-->



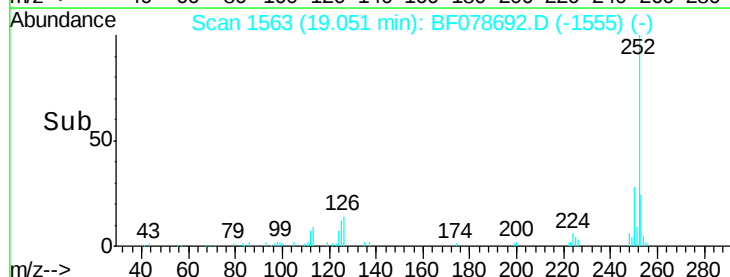
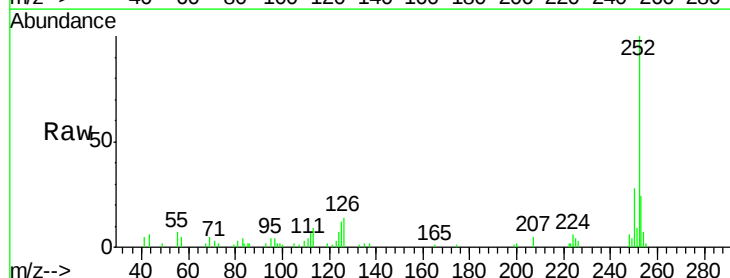
#87
Benzo(b)fluoranthene
Concen: 3.23 ng m
RT: 19.05 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

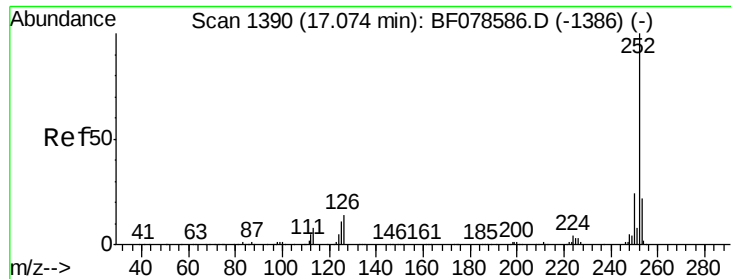
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	12.4	7.0	10.4

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



Time-->





#89
Benzo(a)pyrene
Concen: 2.93 ng
RT: 19.41 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.8	25.2
125	15.9	7.4	11.0

Manual Integrations
APPROVED

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