

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078693.D
 Acq On : 21 Apr 2015 20:05
 Operator : TP/IZ
 Sample : G1938-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-66S

Manual Integrations
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Quant Time: Apr 22 03:33:05 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	35693	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	148865	20.00	ng	-0.01
38) Acenaphthene-d10	11.17	164	76190	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	152888	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	161839	20.00	ng	-0.01
86) Perylene-d12	19.52	264	159287	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	178340	82.38	ng	0.01
7) Phenol-d6	5.32	99	232131	85.56	ng	0.00
23) Nitrobenzene-d5	6.75	82	135919	55.34	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	57989	91.77	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	285043	53.48	ng	-0.01
78) Terphenyl-d14	16.43	244	330242	46.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.80	163	13871	2.42	ng	Qvalue # 98
70) Phenanthrene	13.94	178	52314	5.92	ng	97
74) Fluoranthene	15.83	202	83399	8.94	ng	97
77) Pyrene	16.14	202	79383	7.81	ng	96
80) Benzo(a)anthracene	17.76	228	48466	5.03	ng	99
82) Chrysene	17.81	228	35981	3.98	ng	98
85) Indeno(1,2,3-cd)pyrene	20.72	276	28701m	2.80	ng	
87) Benzo(b)fluoranthene	19.07	252	54397m	5.53	ng	
89) Benzo(a)pyrene	19.45	252	39236	4.57	ng	# 92
91) Benzo(g,h,i)perylene	21.04	276	26250	3.04	ng	97

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

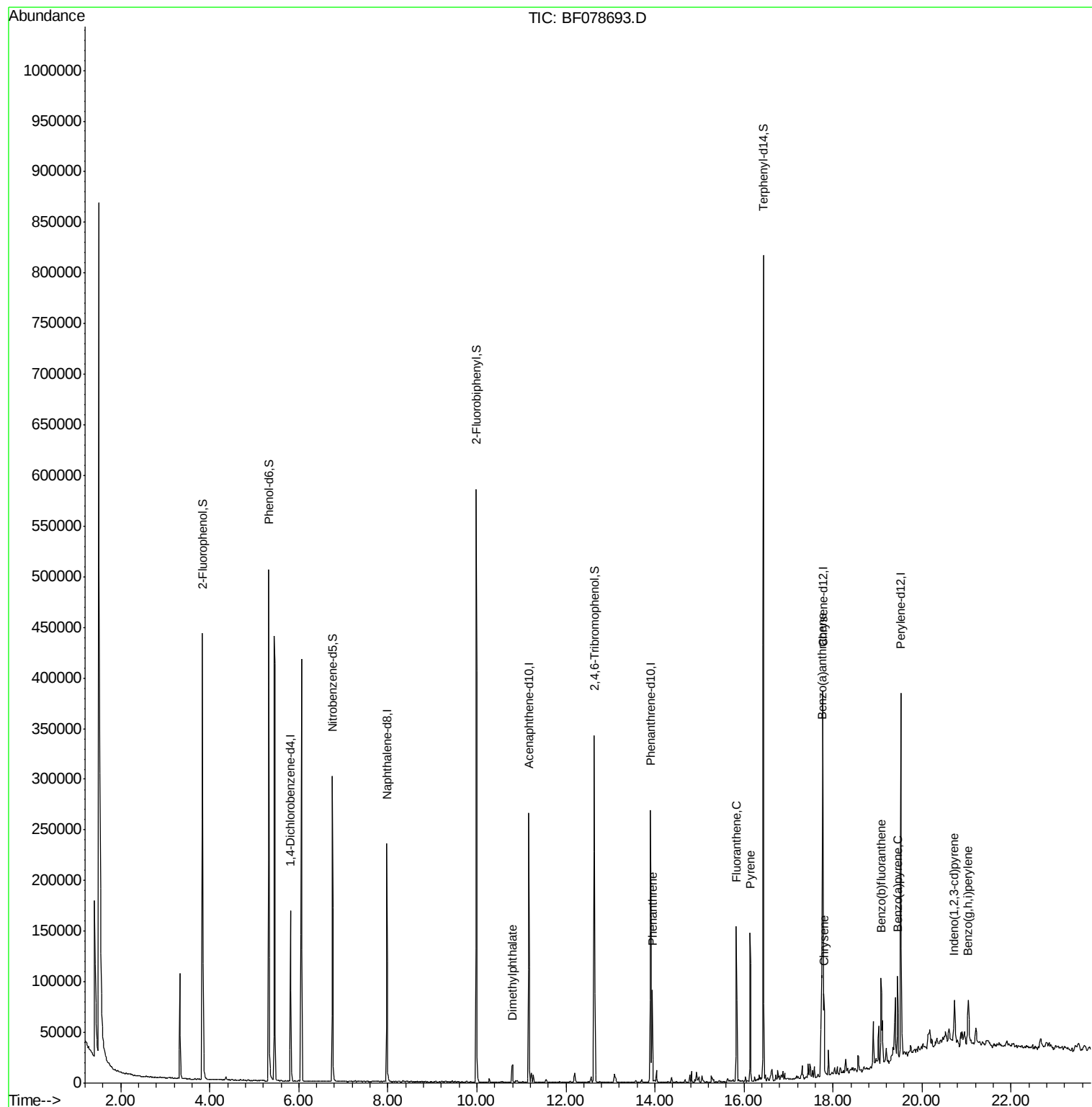
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
Data File : BF078693.D
Acq On : 21 Apr 2015 20:05
Operator : TP/IZ
Sample : G1938-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

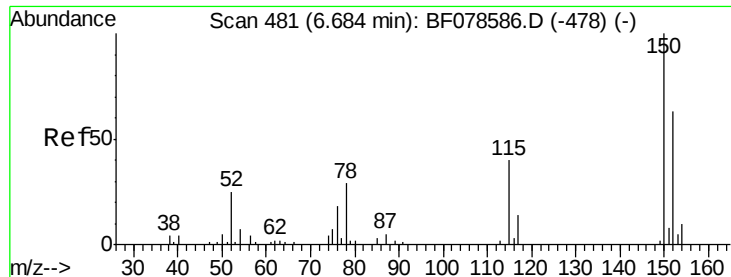
Instrument :
BNA_F
ClientSampleId :
SB-66S

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Response via : Initial Calibration





#1

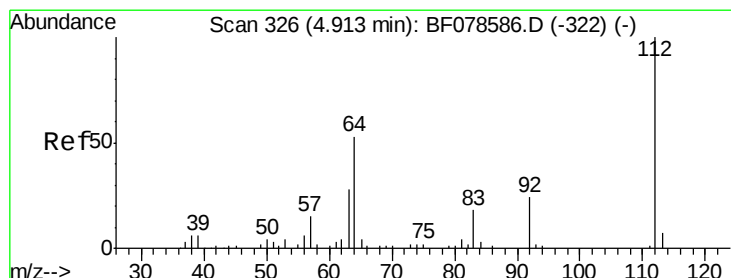
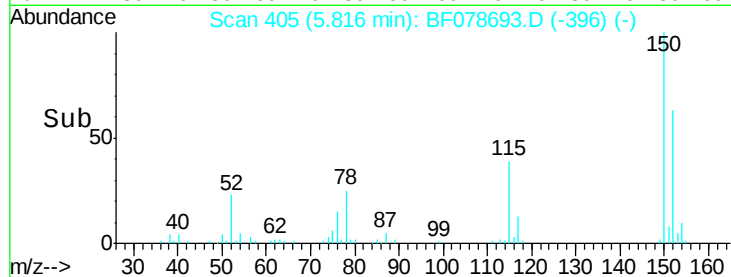
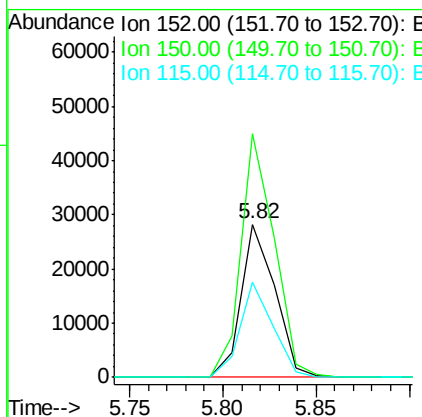
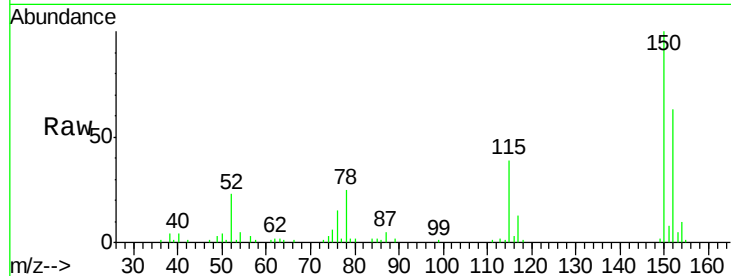
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SB-66S

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.9	188.9
115	62.3	52.7	79.1

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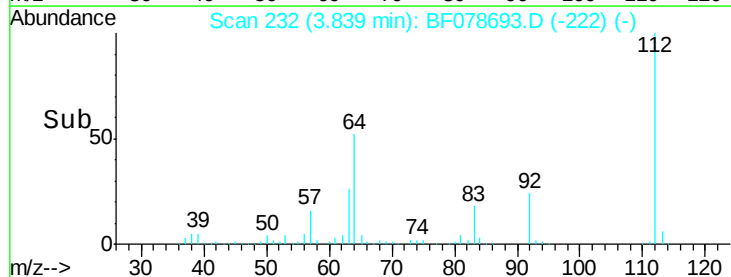
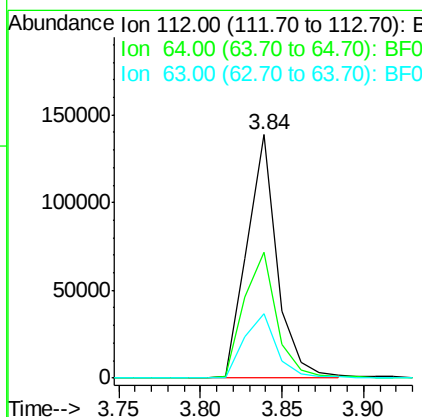
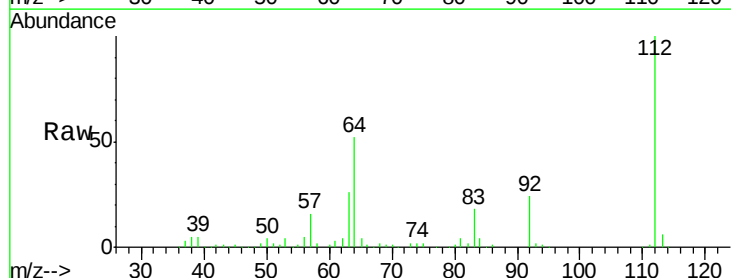
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#5

2-Fluorophenol
Concen: 82.38 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	39.9	59.9
63	26.4	20.2	30.4





#7

Phenol-d6

Concen: 85.56 ng

RT: 5.32 min Scan# 362

Delta R.T. 0.00 min

Lab File: BF078693.D

Acq: 21 Apr 2015 20:05

Instrument :

BNA_F

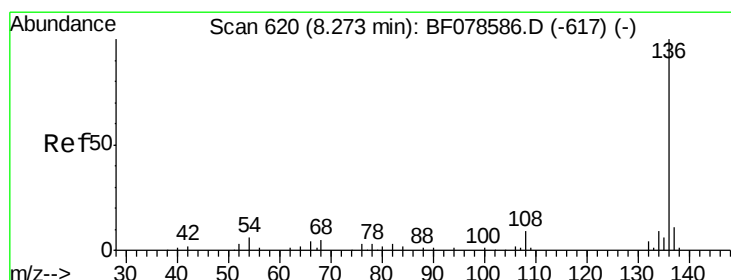
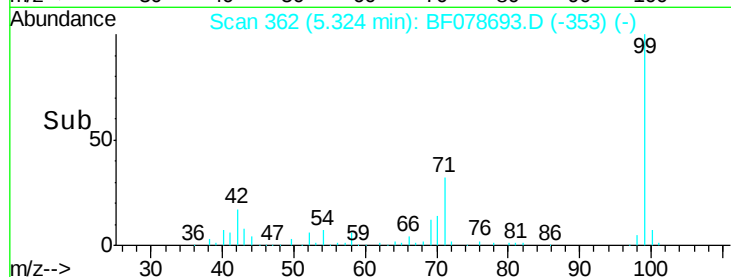
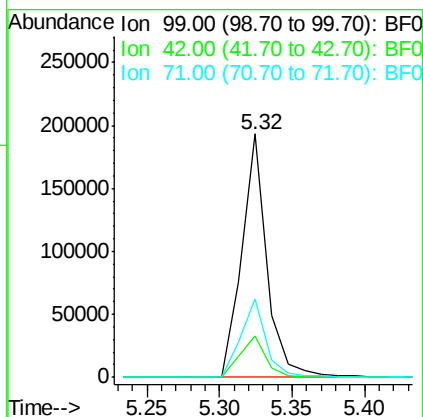
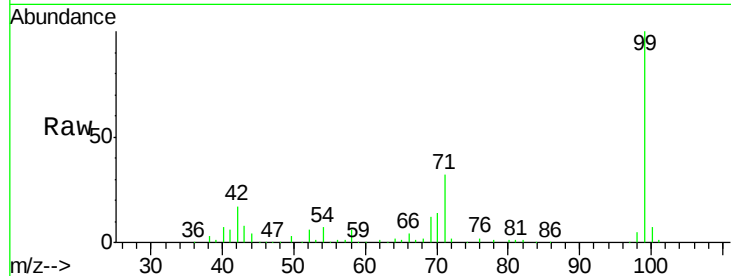
ClientSampleID :

SB-66S

Tot Ion:	99	Resp:	232131
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.8	22.2
71	32.4	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

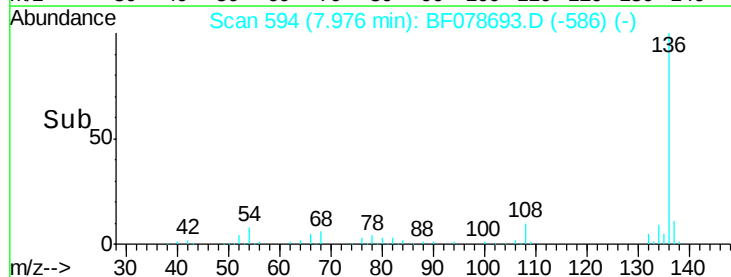
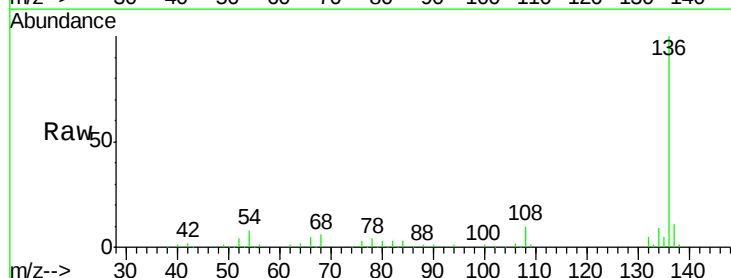
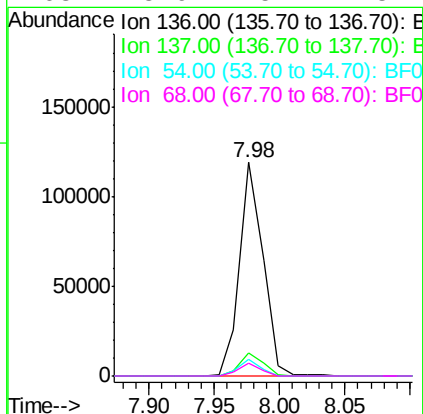
RT: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078693.D

Acq: 21 Apr 2015 20:05

Tgt Ion:	136	Resp:	148865
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.4
54	7.7	7.0	10.6
68	5.9	5.4	8.2





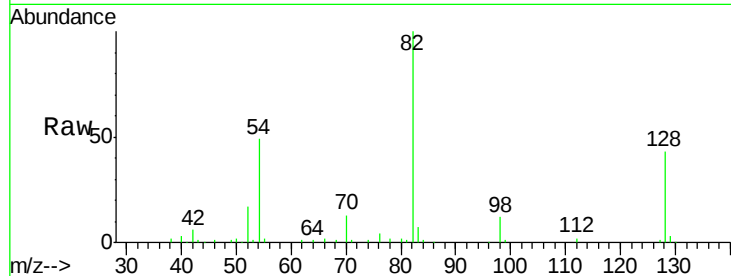
#23
 Nitrobenzene-d5
 Concen: 55.34 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-66S

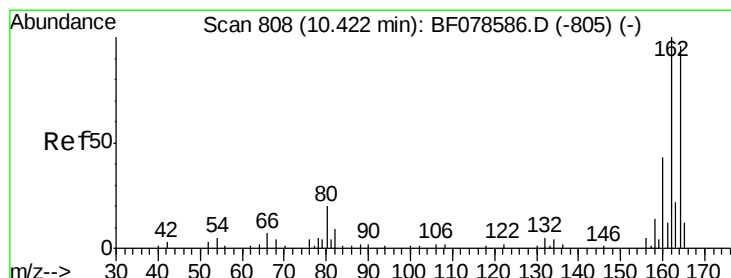
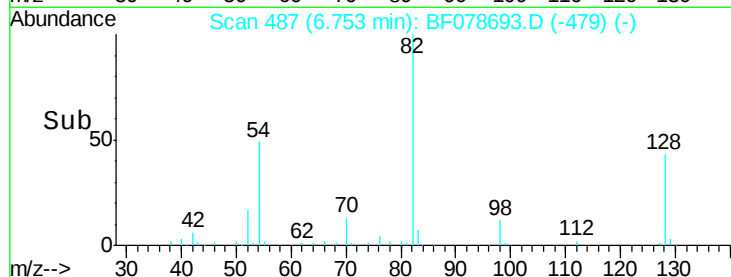
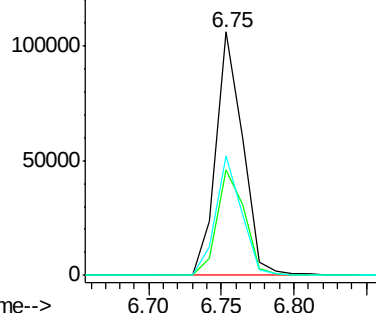
Tot Ion:	82	Resp:	135919
Ion Ratio	Lower	Upper	
82	100		
128	43.2	31.8	47.8
54	49.2	41.5	62.3

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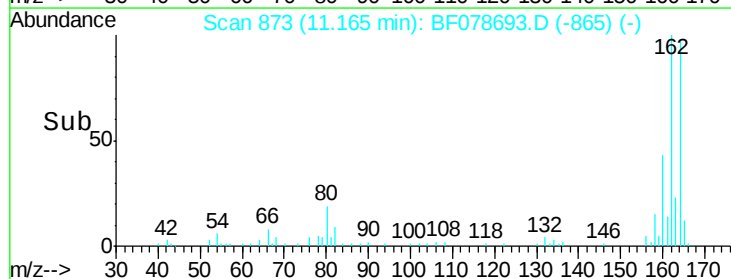
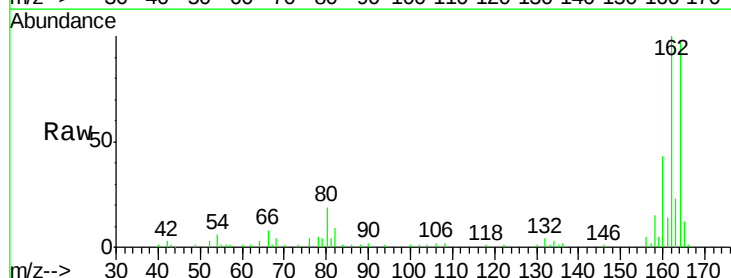
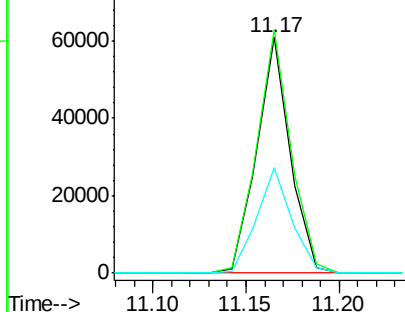
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Tgt Ion:	164	Resp:	76190
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.2	123.2
160	44.5	34.7	52.1

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: 91.77 ng

RT: 12.64 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF078693.D

Acq: 21 Apr 2015 20:05

Instrument :

BNA_F

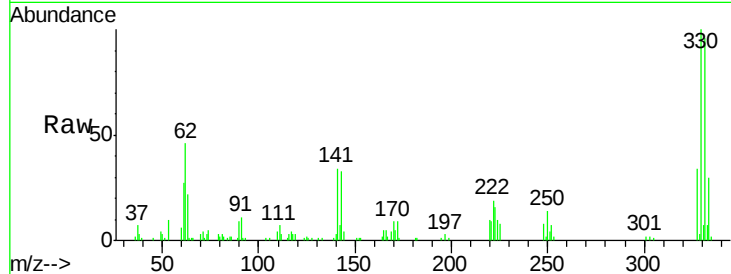
ClientSampleId :

SB-66S

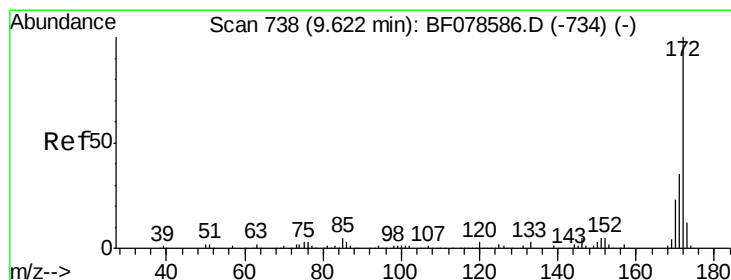
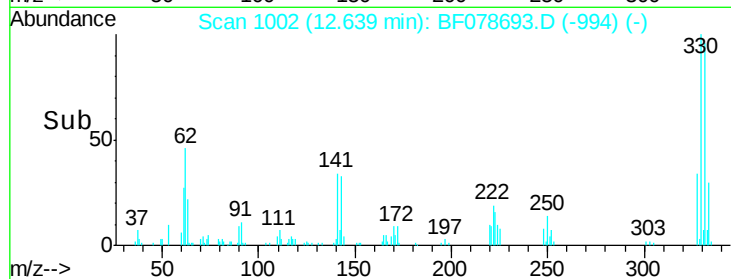
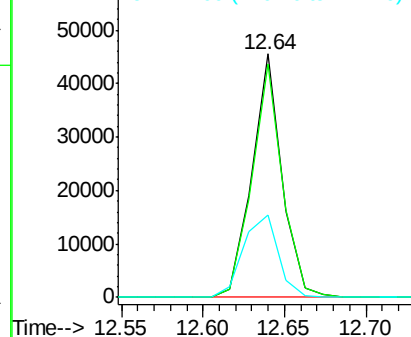
Tot Ion:	330	Resp:	57989
Ion Ratio	Lower	Upper	
330	100		
332	97.2	78.6	117.8
141	39.2	31.2	46.8

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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



#44

2-Fluorobiphenyl

Concen: 53.48 ng

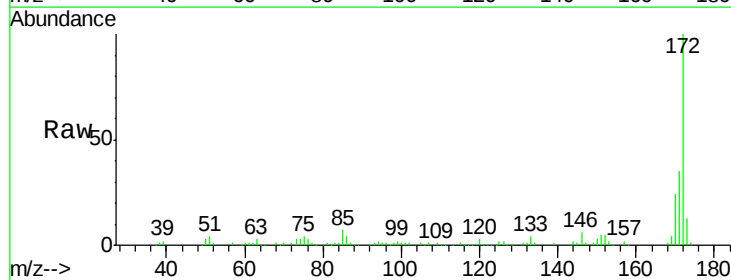
RT: 9.99 min Scan# 770

Delta R.T. -0.01 min

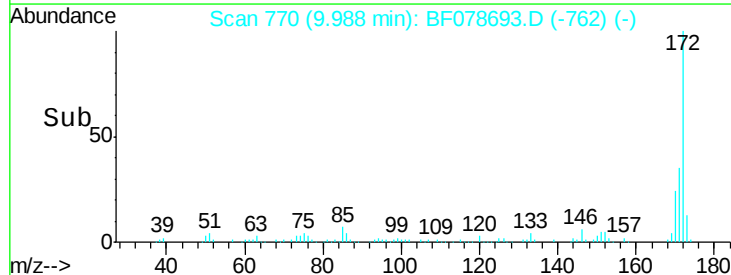
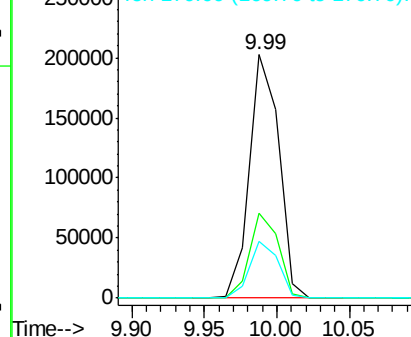
Lab File: BF078693.D

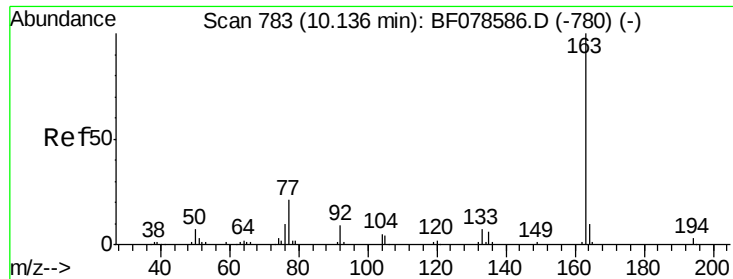
Acq: 21 Apr 2015 20:05

Tgt Ion:	172	Resp:	285043
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.6	42.8
170	23.5	18.5	27.7



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





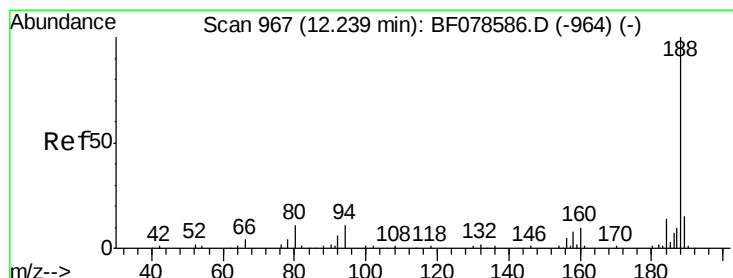
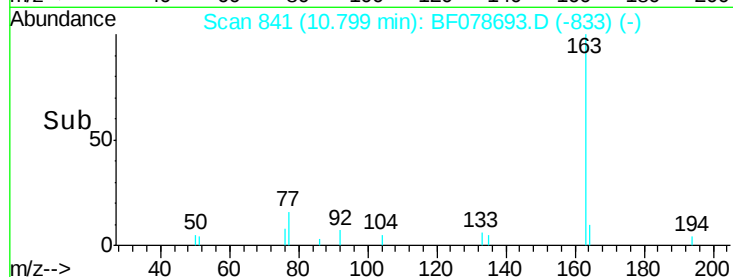
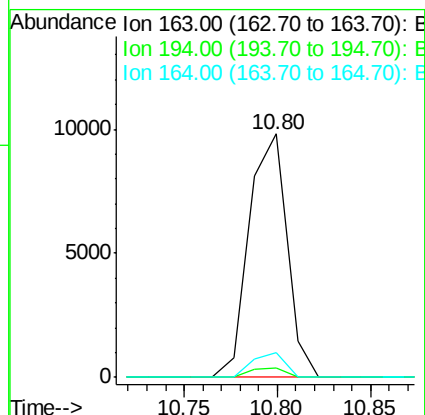
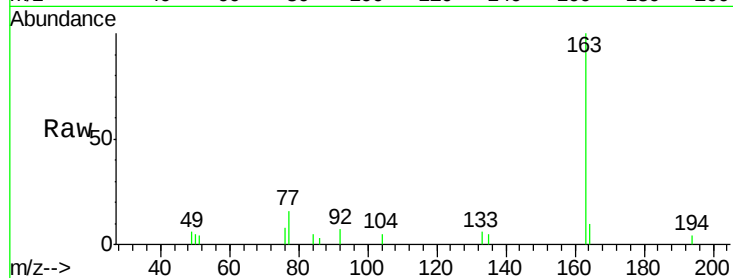
#49
Dimethylphthalate
Concen: 2.42 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Instrument :
BNA_F
ClientSampled :
SB-66S

Tot Ion	Ratio	Resp	Lower	Upper
163	100	13871		
194	3.7	2.3	3.5#	
164	10.1	8.6	13.0	

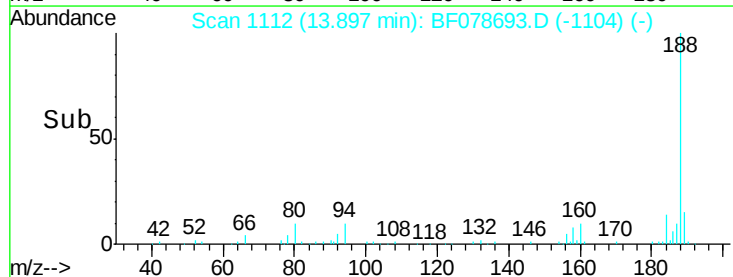
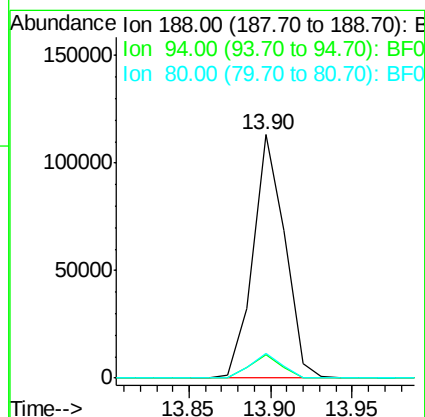
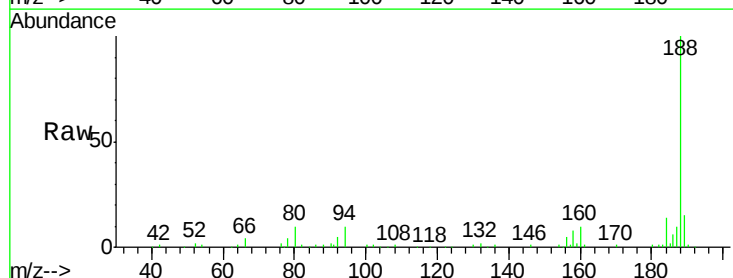
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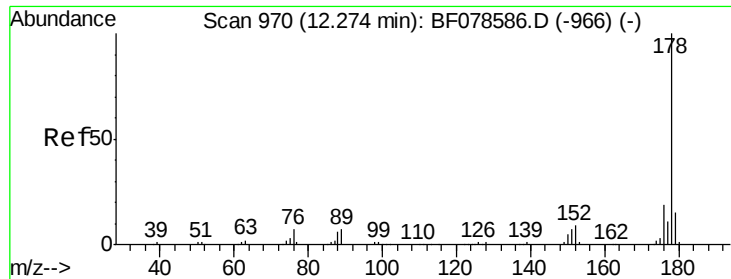
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	152888		
94	9.5	9.0	13.4	
80	10.1	9.5	14.3	





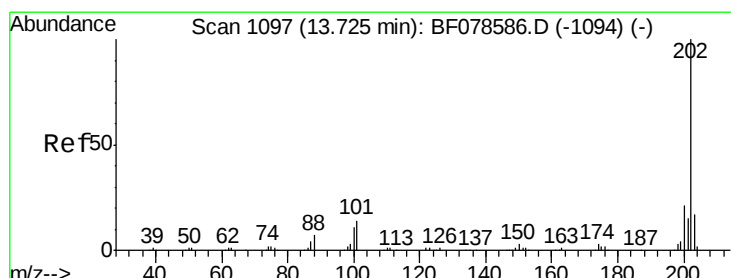
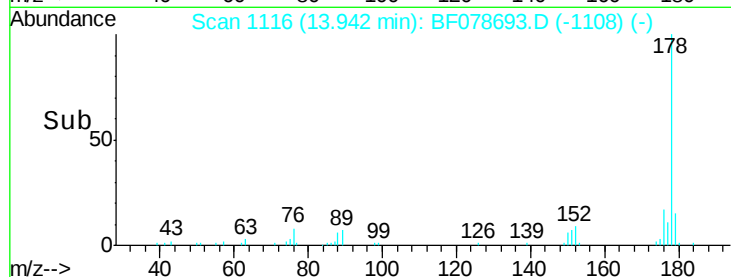
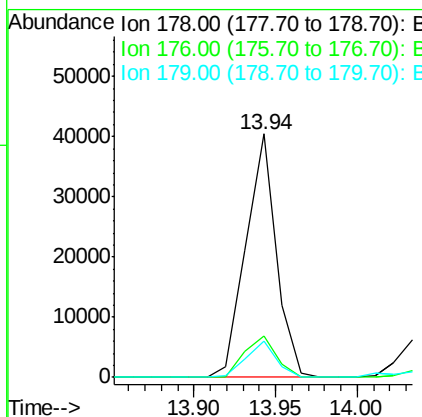
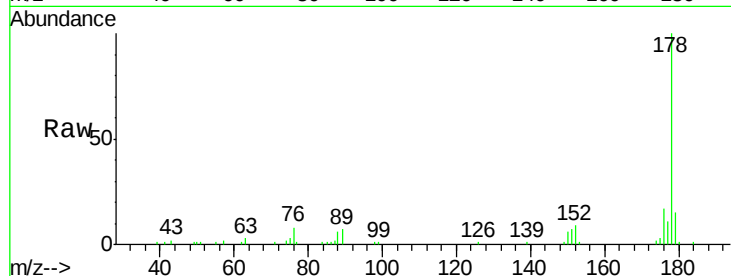
#70
Phenanthrene
Concen: 5.92 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Instrument :
BNA_F
ClientSampled :
SB-66S

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.4	23.0
179	15.0	12.2	18.2

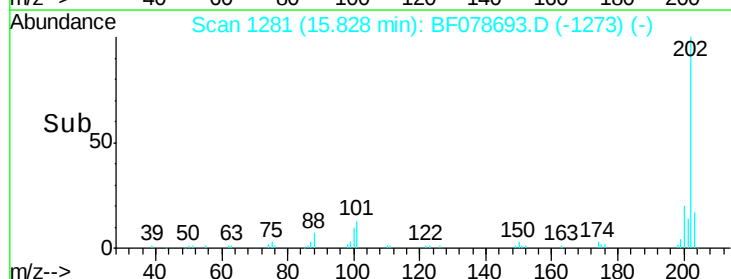
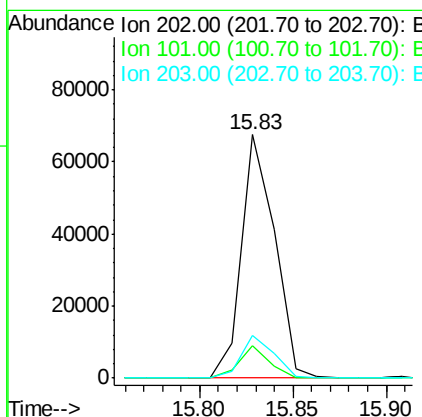
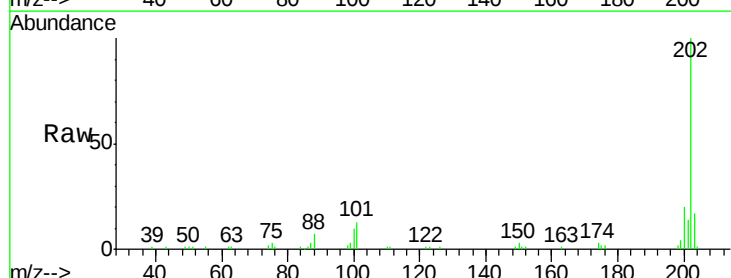
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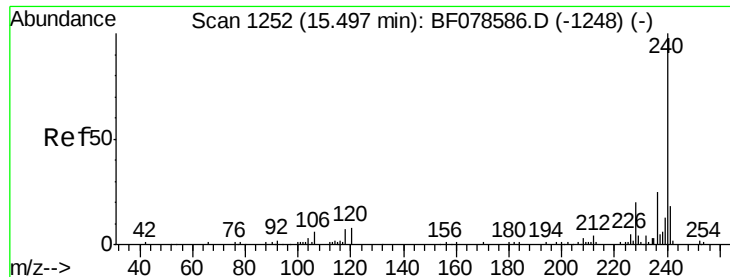
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#74
Fluoranthene
Concen: 8.94 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	35.2
203	17.4	0.0	38.5





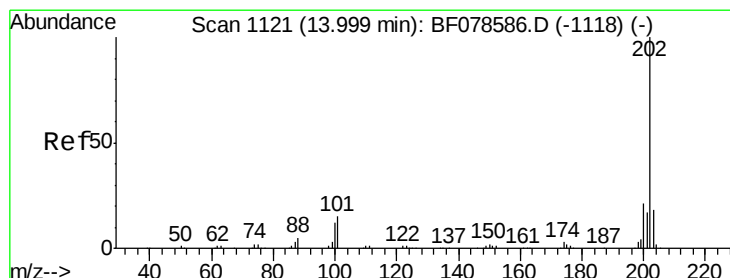
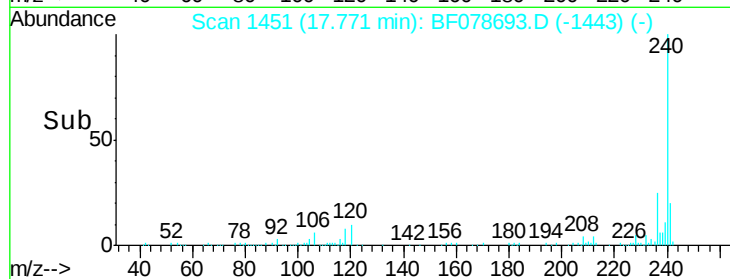
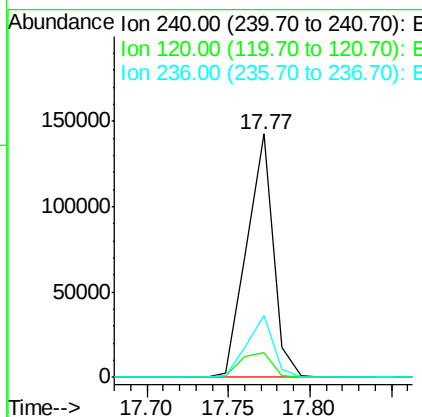
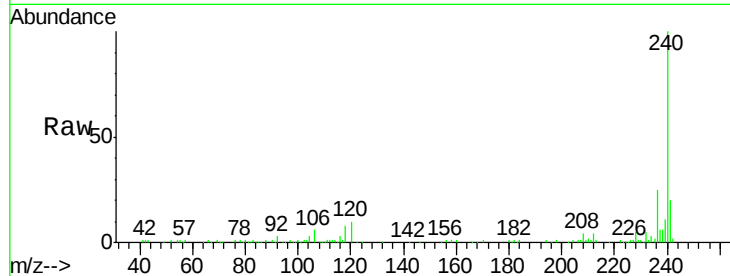
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SB-66S

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.1	10.7
236	25.4	21.4	32.2

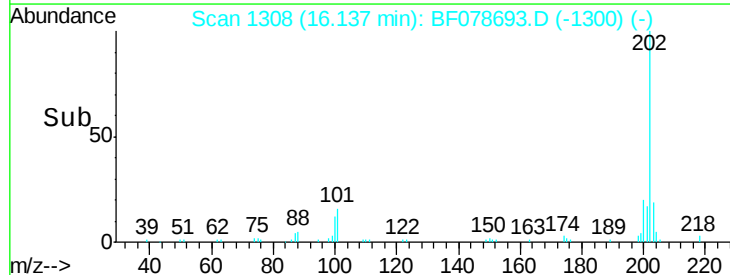
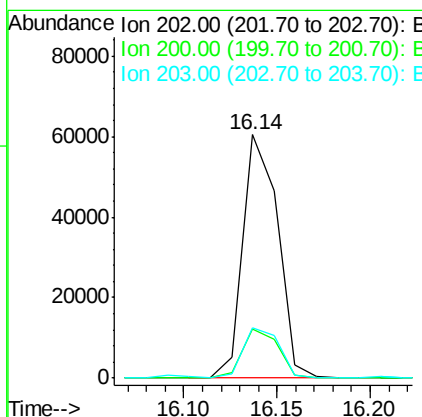
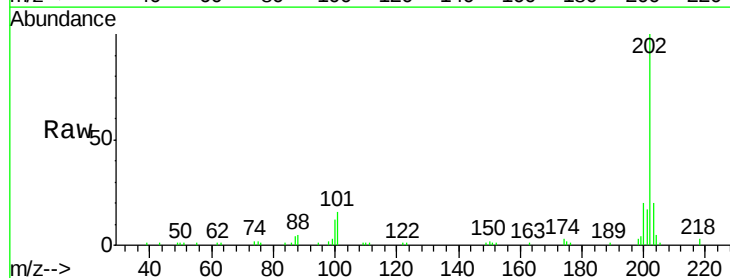
Manual Integrations
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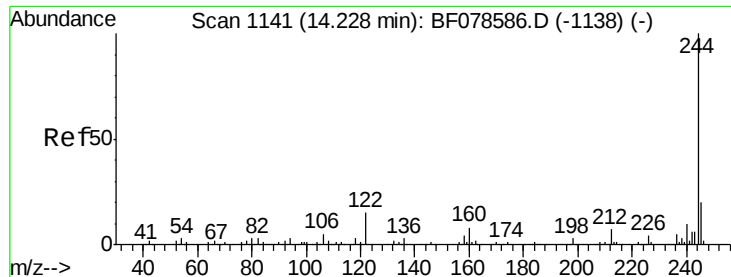
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4/22/2015 5:22:25 PM



#77
Pyrene
Concen: 7.81 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	20.4	13.8	20.6





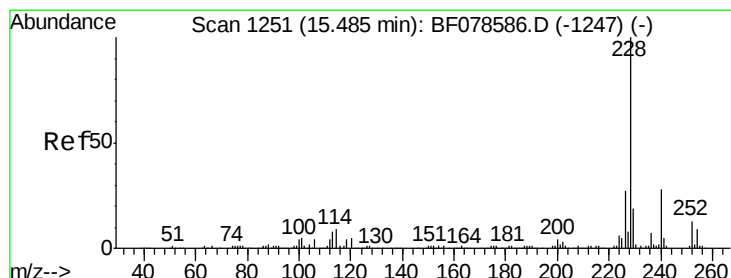
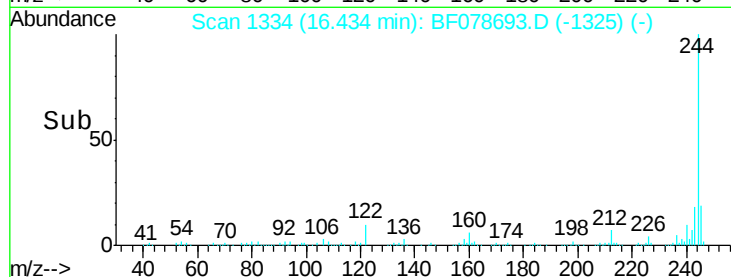
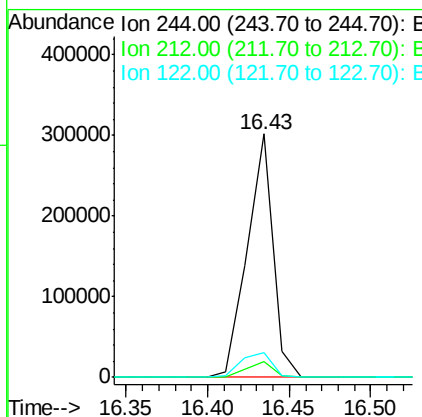
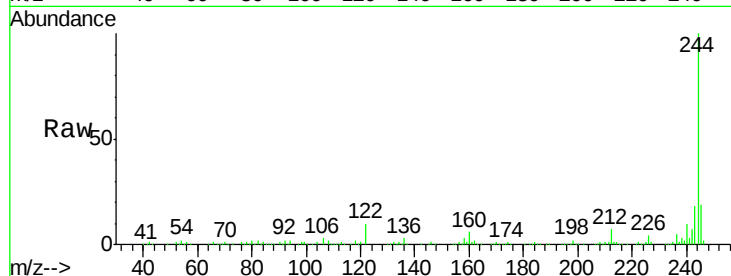
#78
 Terphenyl-d14
 Concen: 46.11 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-66S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	10.1	7.1	10.7

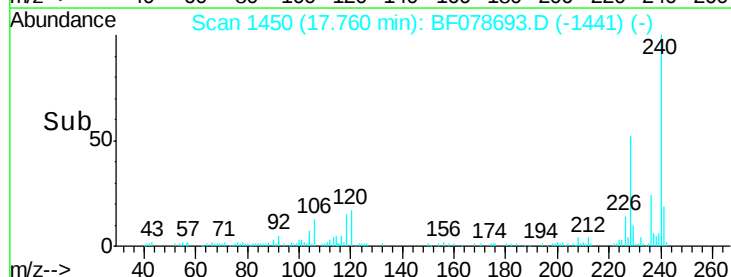
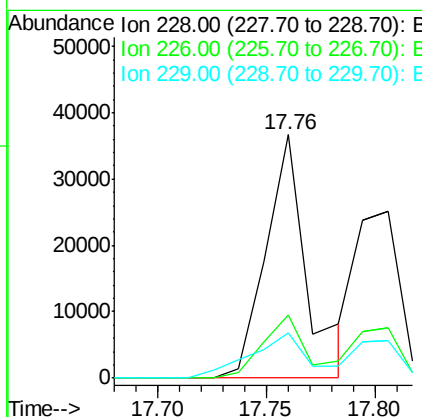
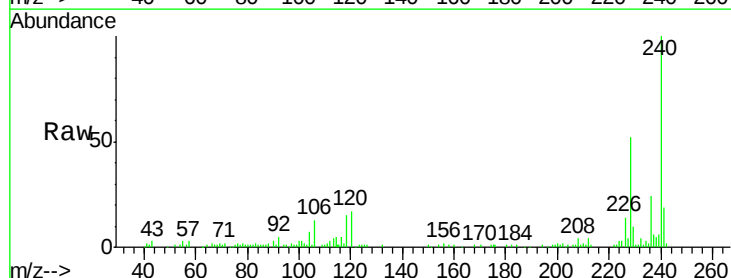
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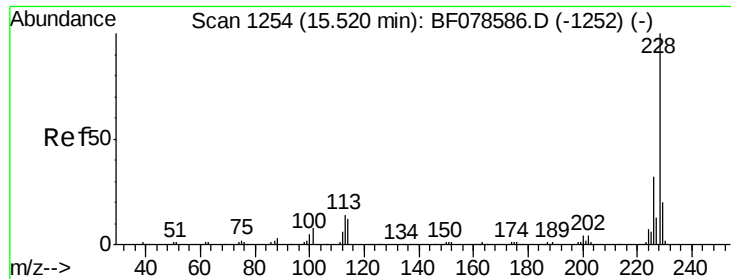
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#80
 Benzo(a)anthracene
 Concen: 5.03 ng
 RT: 17.76 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	18.6	15.4	23.2





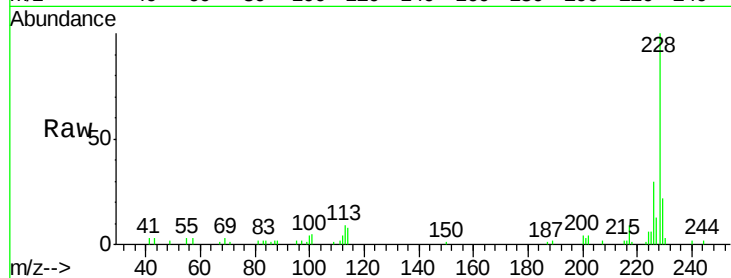
#82
Chrysene
Concen: 3.98 ng
RT: 17.81 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Instrument :
BNA_F
ClientSampled :
SB-66S

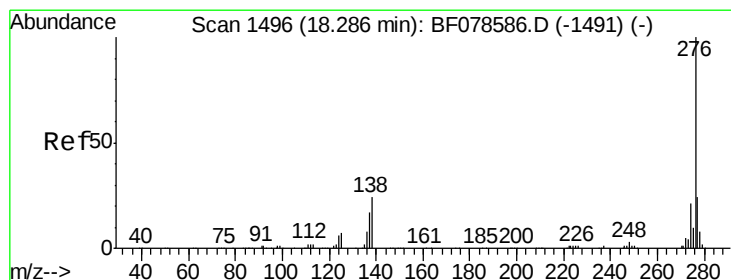
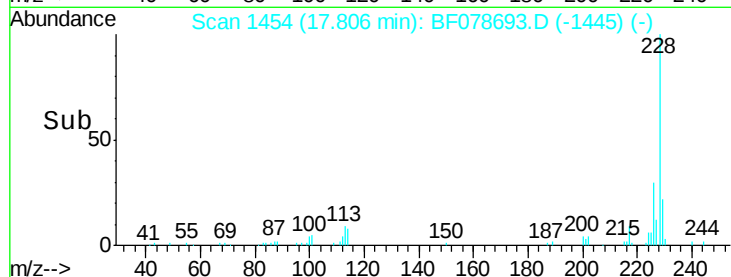
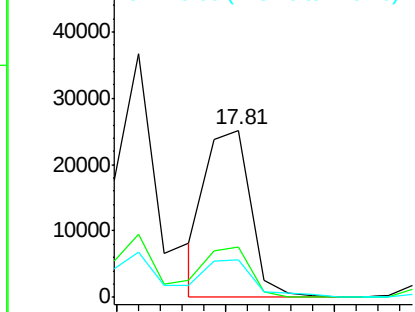
Tot Ion:	228	Resp:	35981
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.4
229	22.2	15.8	23.8

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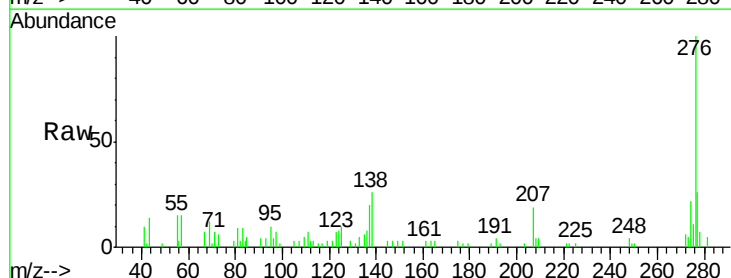


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

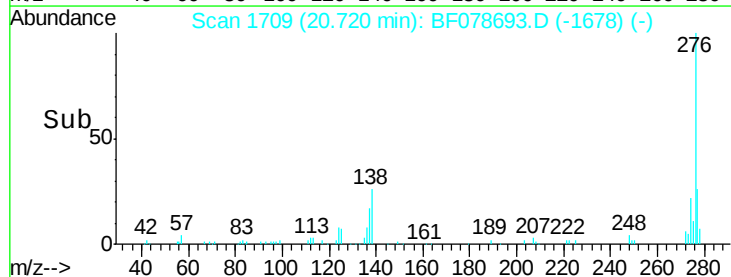
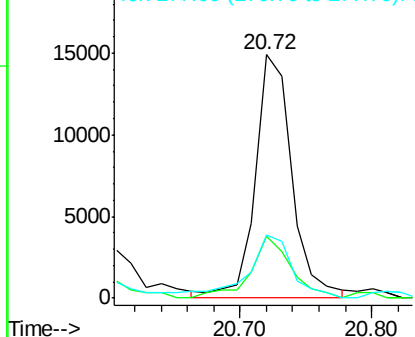


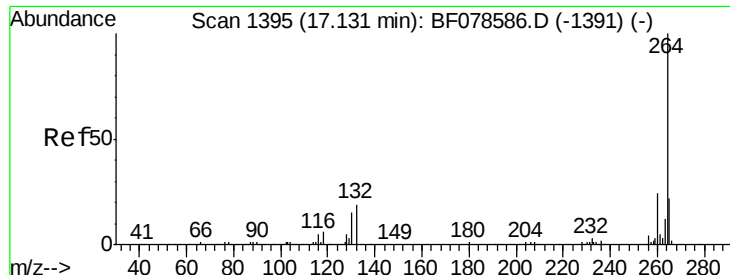
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.80 ng m
RT: 20.72 min Scan# 1709
Delta R.T. 0.06 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Tgt Ion:	276	Resp:	28701
Ion Ratio	Lower	Upper	
276	100		
138	6.9	16.9	25.3#
277	7.2	15.8	23.6#



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





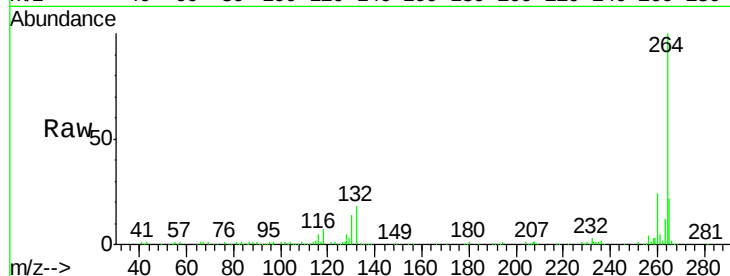
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.52 min Scan# 1604
Delta R.T. 0.03 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SB-66S

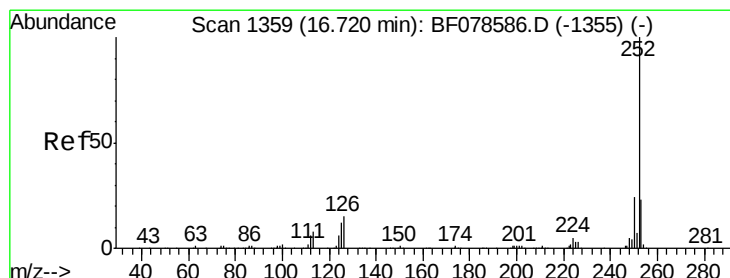
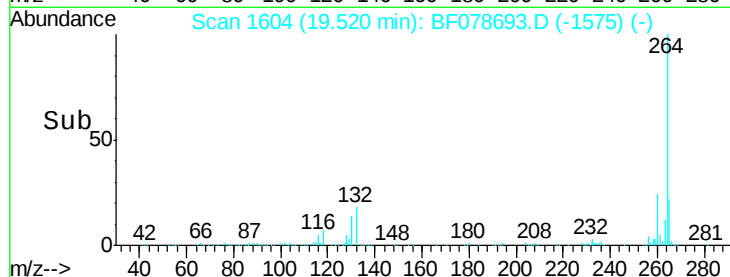
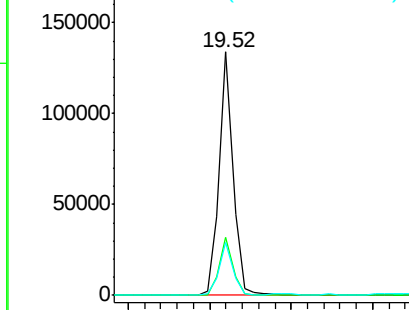
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.8	17.0	25.6

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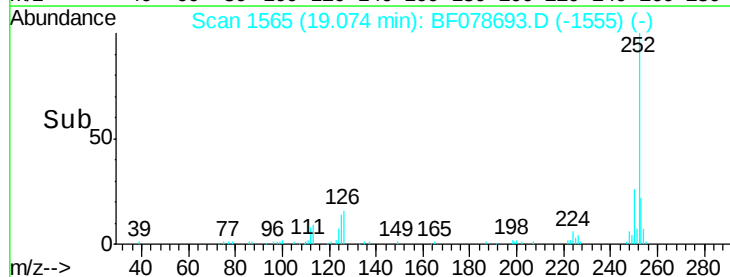
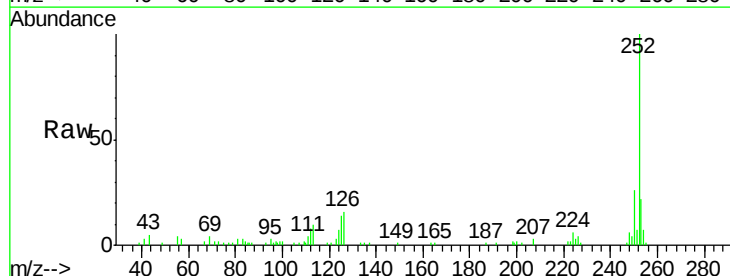
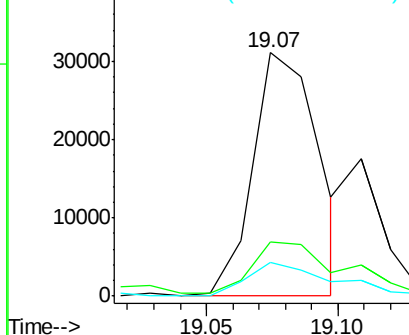
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

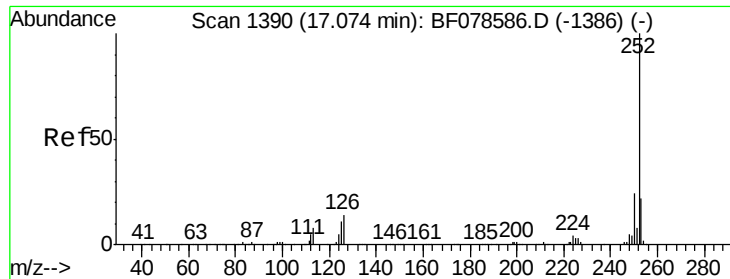


#87
Benzo(b)fluoranthene
Concen: 5.53 ng m
RT: 19.07 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	14.0	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





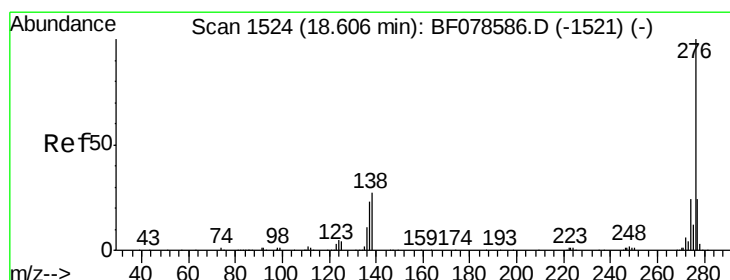
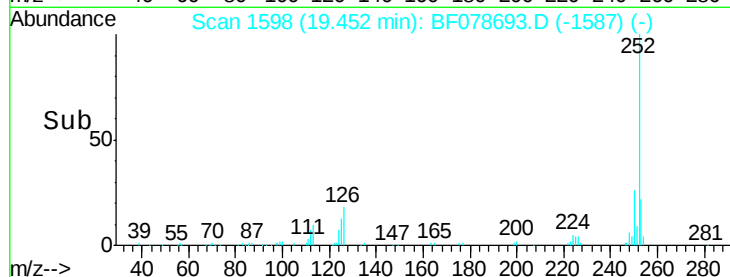
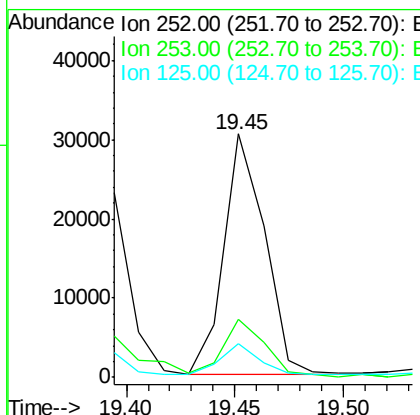
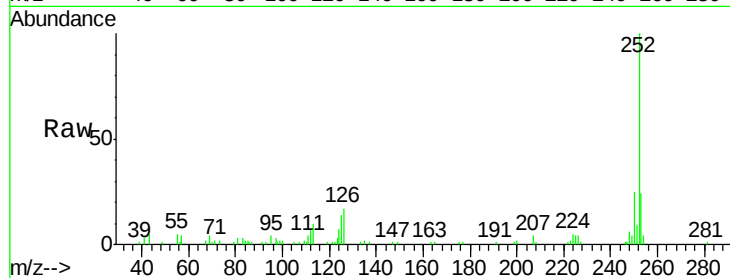
#89
Benzo(a)pyrene
Concen: 4.57 ng
RT: 19.45 min Scan# 1598
Delta R.T. 0.02 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SB-66S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.8	25.2
125	13.7	7.4	11.0

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#91
Benzo(g,h,i)perylene
Concen: 3.04 ng
RT: 21.04 min Scan# 1737
Delta R.T. 0.06 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.0	28.4
138	23.9	19.9	29.9

