

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077071.D
 Acq On : 27 Jan 2015 3:40
 Operator : TP/IZ
 Sample : G1159-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(7-9)

Manual Integrations
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Quant Time: Jan 27 05:24:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 01:21:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	20739	20.00	ng	0.01
21) Naphthalene-d8	10.68	136	89107	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	44460	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	82375	20.00	ng	0.00
75) Chrysene-d12	21.15	240	76345	20.00	ng	0.00
86) Perylene-d12	22.78	264	71605	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.79	112	104009	82.46	ng	0.00
7) Phenol-d6	7.18	99	132971	83.56	ng	0.01
23) Nitrobenzene-d5	9.06	82	80305	49.93	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	33007	91.46	ng	0.01
44) 2-Fluorobiphenyl	13.33	172	148766	50.92	ng	0.00
78) Terphenyl-d14	19.89	244	152446	45.97	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.20	94	4336	2.57	ng	# 60
49) Dimethylphthalate	14.40	163	7698	2.44	ng	# 97
70) Phenanthrene	17.67	178	28975	5.64	ng	98
74) Fluoranthene	19.33	202	43117	8.19	ng	97
77) Pyrene	19.61	202	43290	8.27	ng	97
80) Benzo(a)anthracene	21.13	228	22088	4.61	ng	95
82) Chrysene	21.18	228	17225	3.94	ng	93
87) Benzo(b)fluoranthene	22.38	252	19837m	4.11	ng	
89) Benzo(a)pyrene	22.72	252	15581	3.66	ng	# 75

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

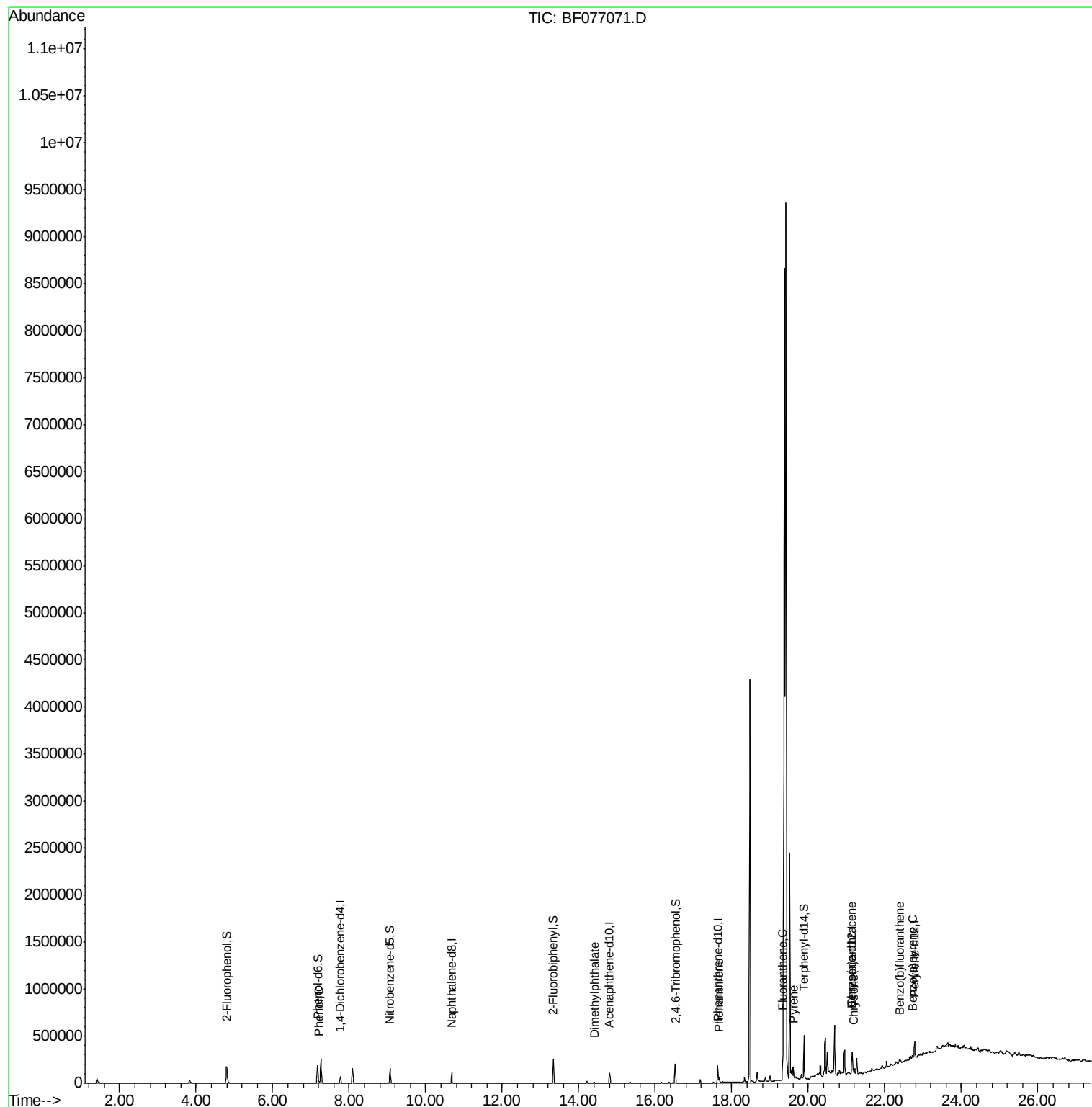
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 27 01:21:00 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF077071.D

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Instrument :

BNA_F

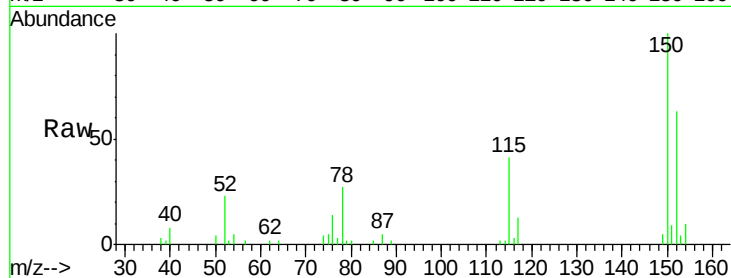
ClientSampleId :

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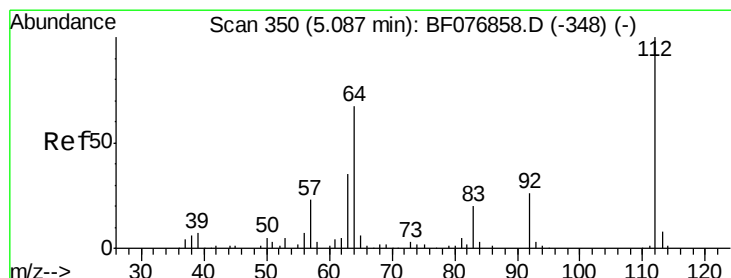
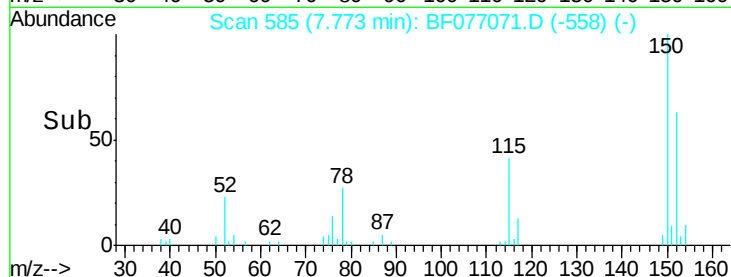
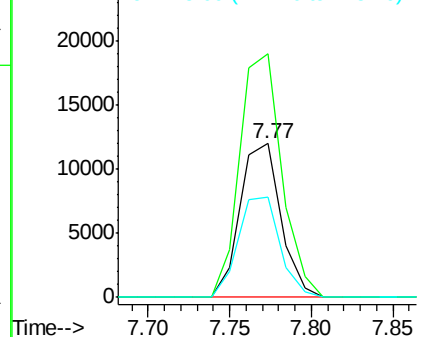
Tgt Ion:	152	Resp:	20739
Ion Ratio	Lower	Upper	
152	100		
150	158.1	121.7	182.5
115	65.0	47.0	70.6

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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: 82.46 ng

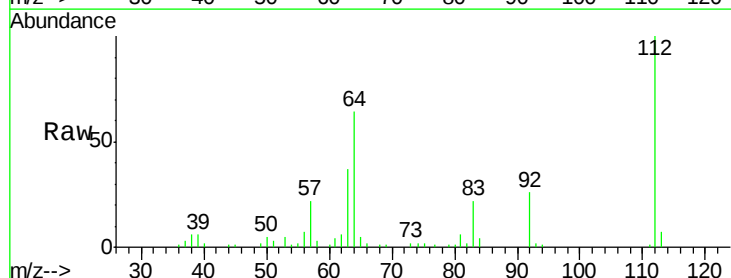
RT: 4.79 min Scan# 324

Delta R.T. -0.00 min

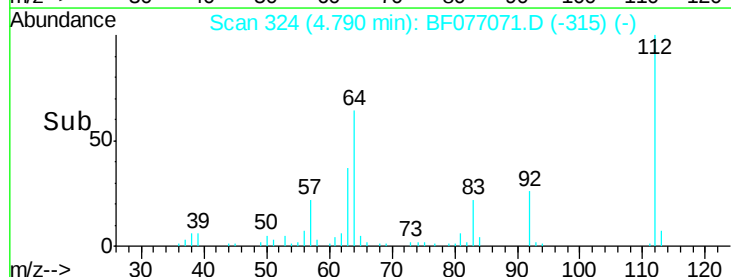
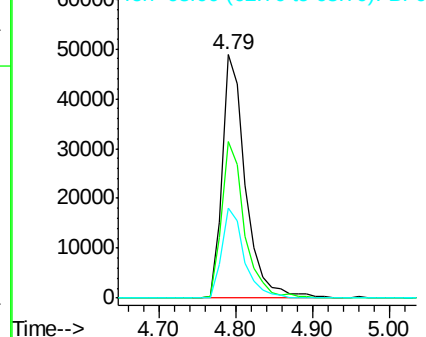
Lab File: BF077071.D

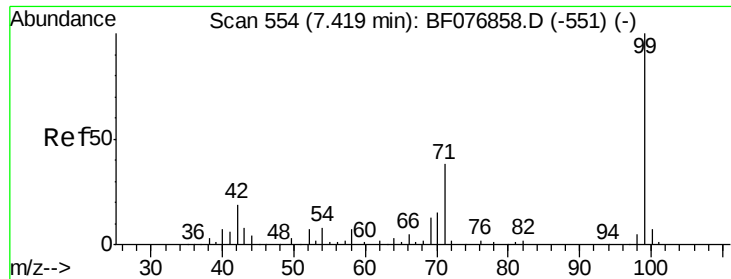
Acq: 27 Jan 2015 3:40

Tgt Ion:	112	Resp:	104009
Ion Ratio	Lower	Upper	
112	100		
64	64.1	54.2	81.4
63	37.1	28.4	42.6



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: 83.56 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF077071.D

Acq: 27 Jan 2015 3:40

Instrument :

BNA_F

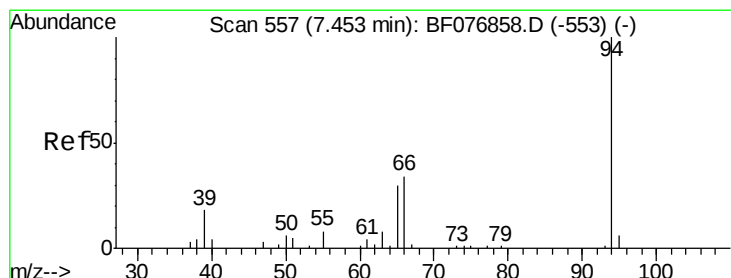
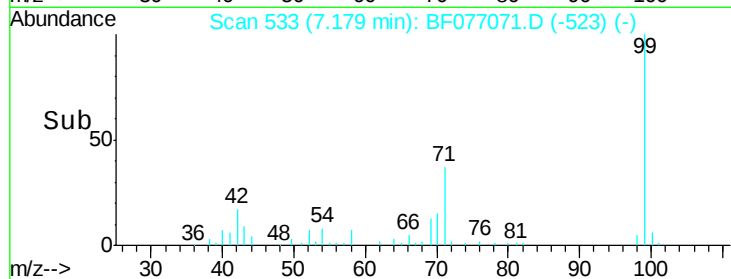
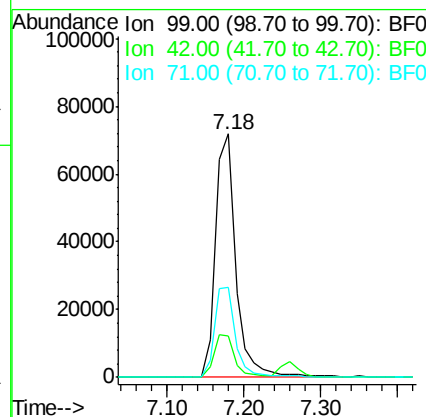
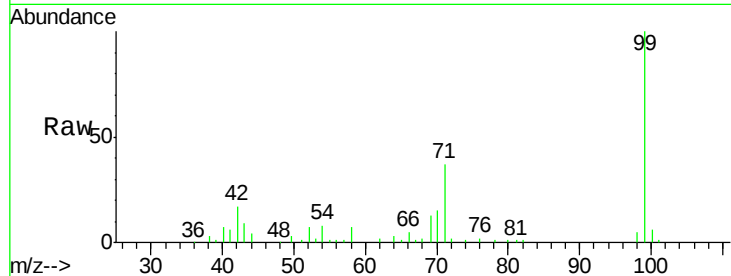
ClientSampleId :

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Tgt Ion:	99	Resp:	132971
Ion Ratio	Lower	Upper	
99	100		
42	16.9	15.0	22.4
71	36.9	30.5	45.7

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#10

Phenol

Concen: 2.57 ng

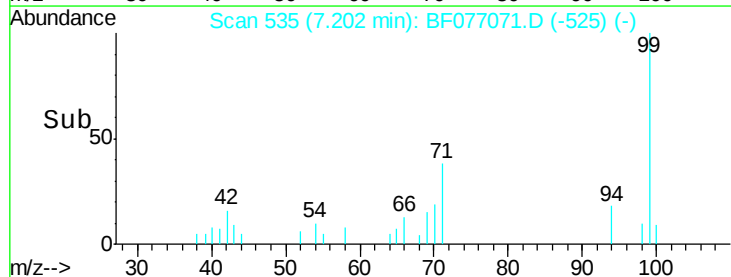
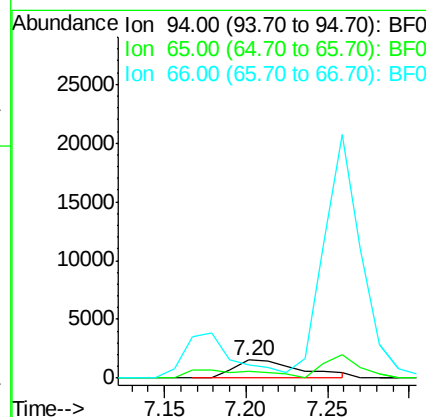
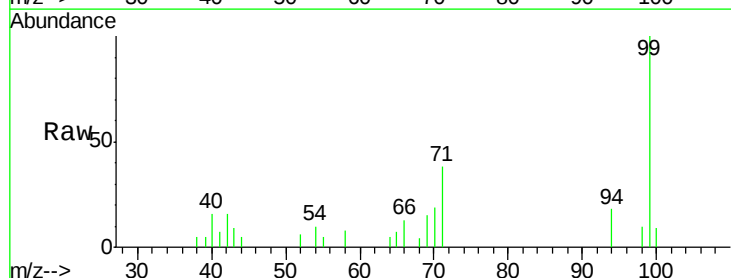
RT: 7.20 min Scan# 535

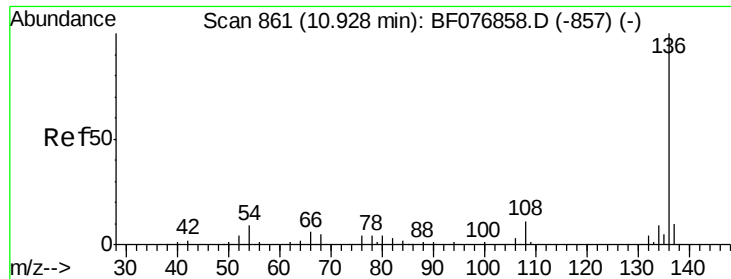
Delta R.T. 0.01 min

Lab File: BF077071.D

Acq: 27 Jan 2015 3:40

Tgt Ion:	94	Resp:	4336
Ion Ratio	Lower	Upper	
94	100		
65	40.4	11.3	51.3
66	75.6	19.5	59.5#





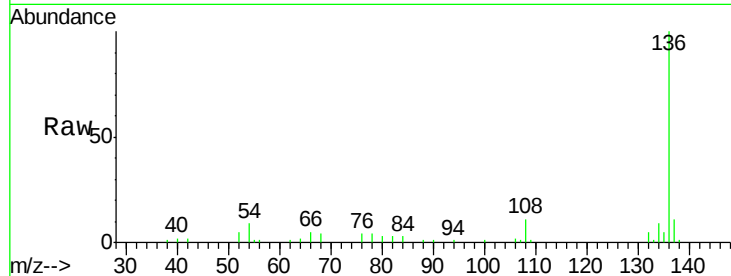
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

Instrument :
BNA_F
ClientSampleId :
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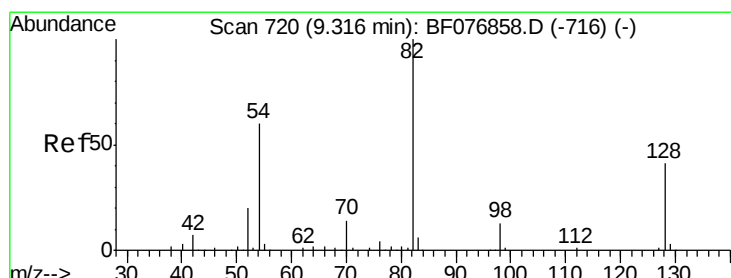
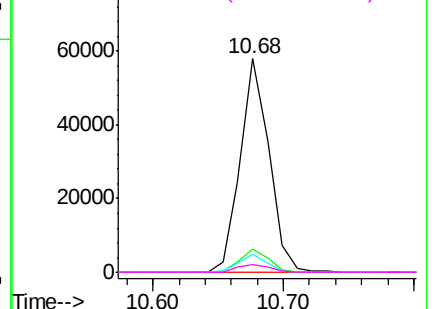
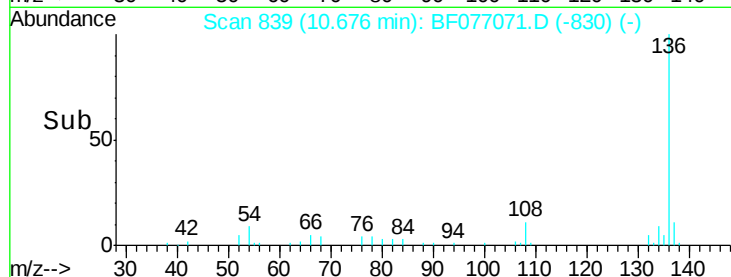
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.6	8.1	12.1
54	8.6	7.0	10.4
68	3.9	3.7	5.5

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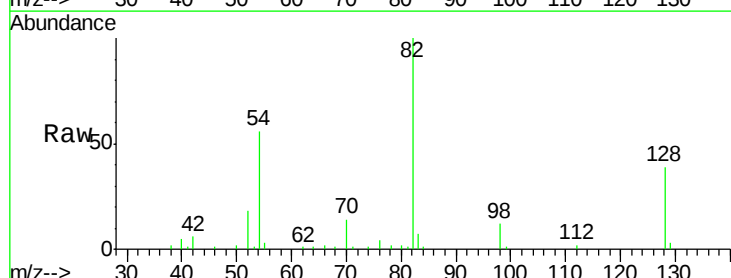


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

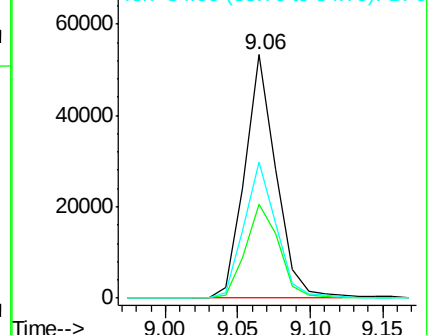
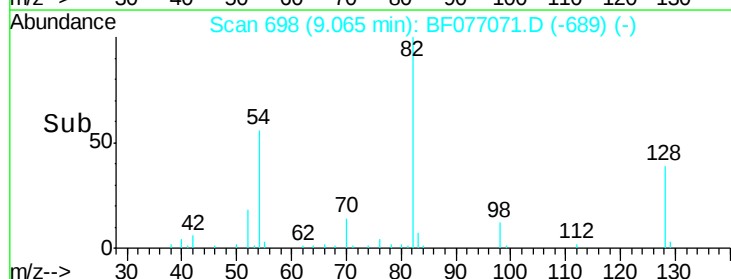


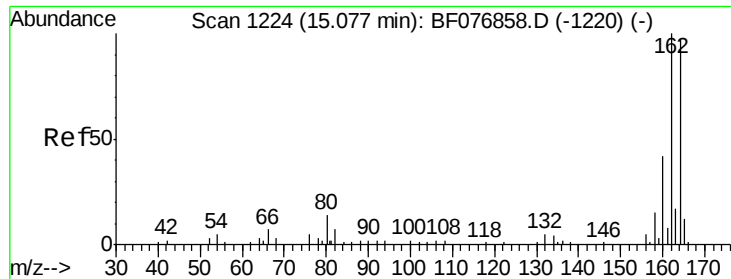
#23
Nitrobenzene-d5
Concen: 49.93 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.7	33.1	49.7
54	55.8	48.3	72.5



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





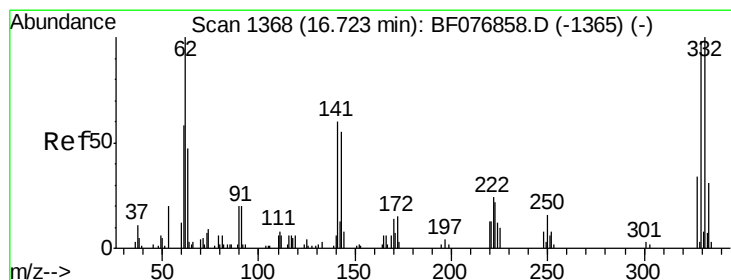
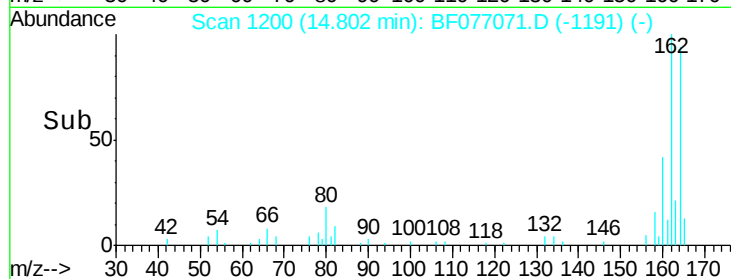
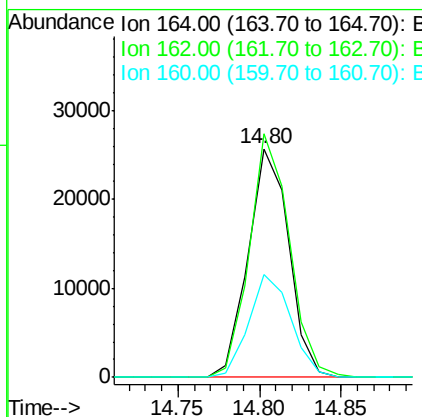
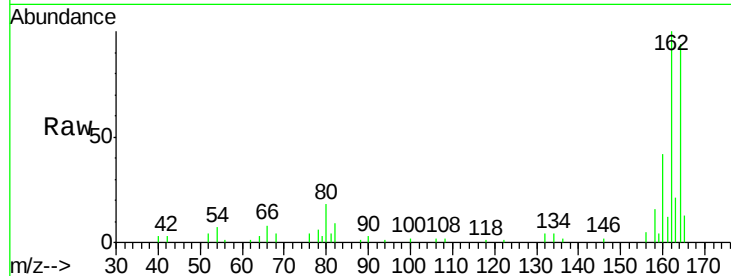
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44460		
162	106.4	82.4	123.6	
160	45.2	34.8	52.2	

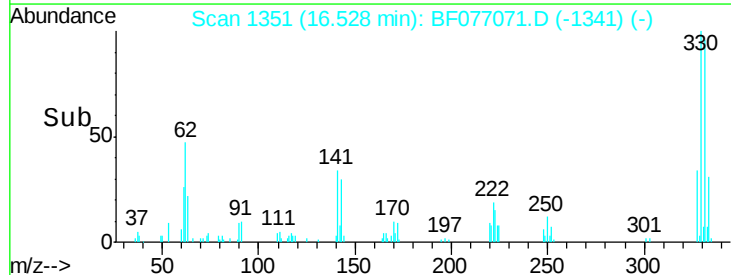
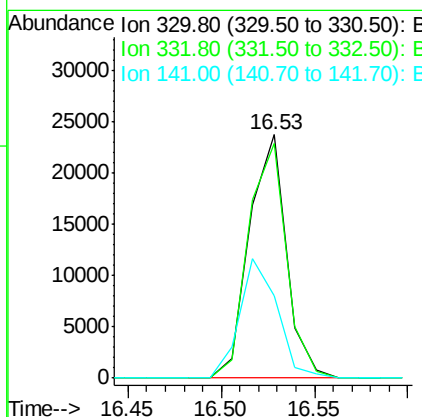
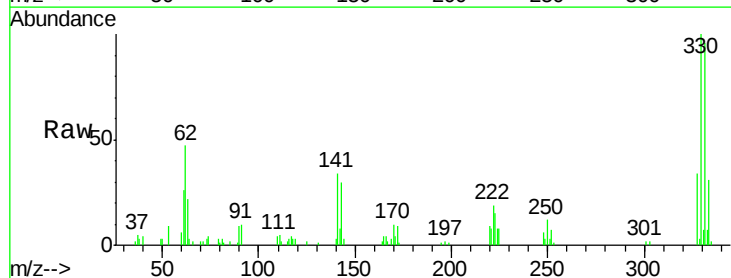
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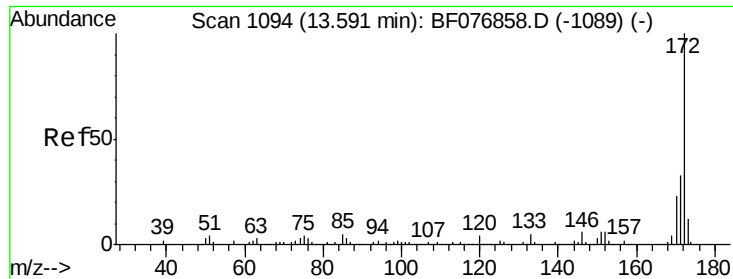
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#41
2,4,6-Tribromophenol
Concen: 91.46 ng
RT: 16.53 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF077071.D
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	33007		
332	99.5	77.8	116.6	
141	50.6	38.5	57.7	





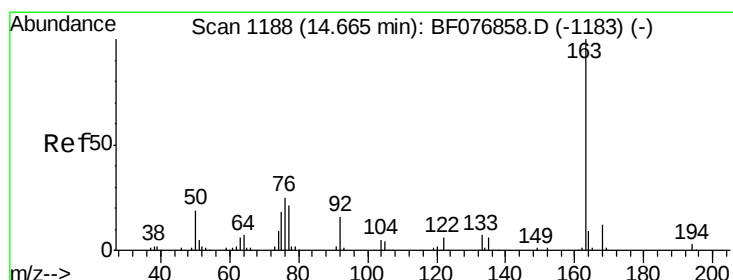
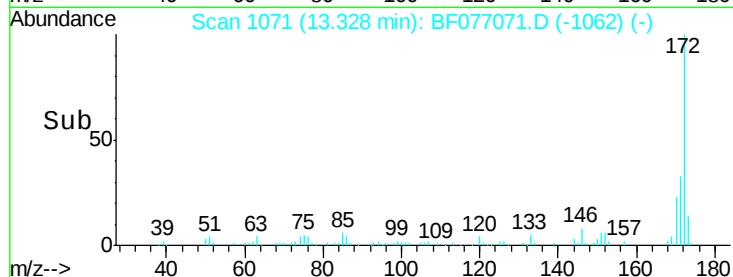
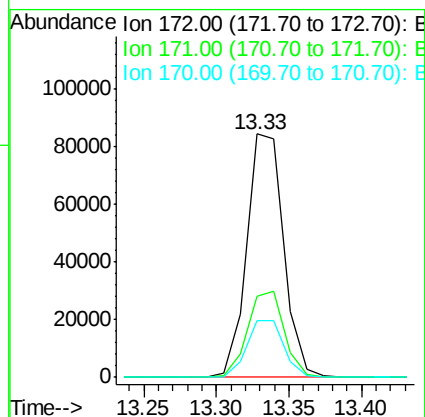
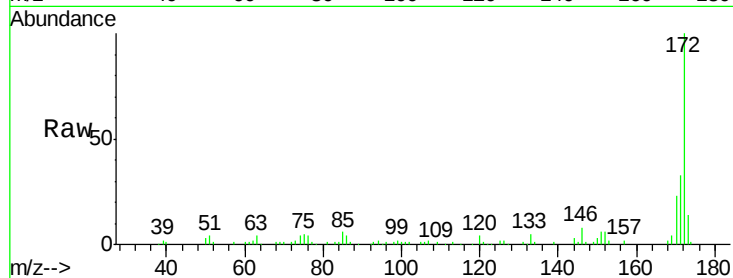
#44
2-Fluorobiphenyl
Concen: 50.92 ng
RT: 13.33 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	33.3	26.6	40.0
170	23.1	18.0	27.0

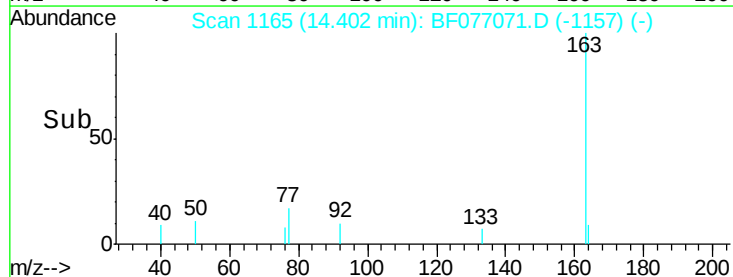
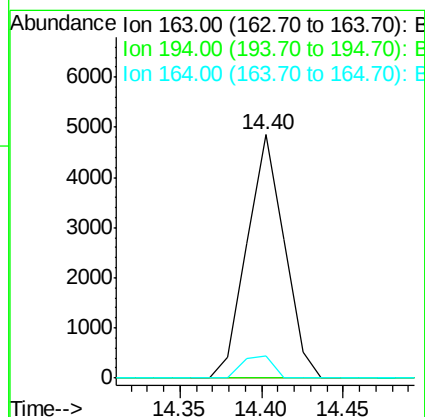
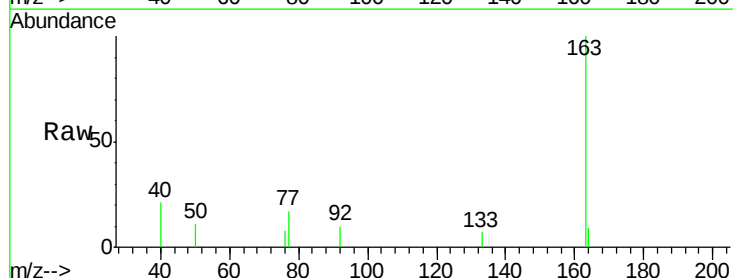
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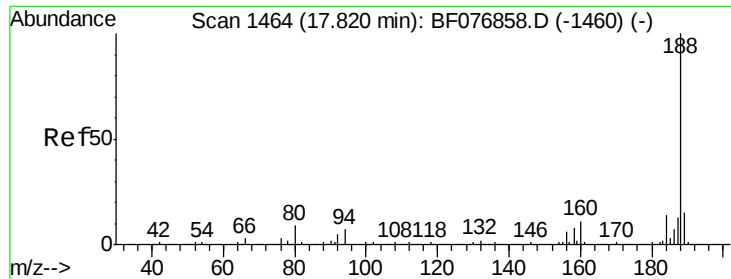
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#49
Dimethylphthalate
Concen: 2.44 ng
RT: 14.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	0.0	2.6	4.0#
164	9.0	7.5	11.3





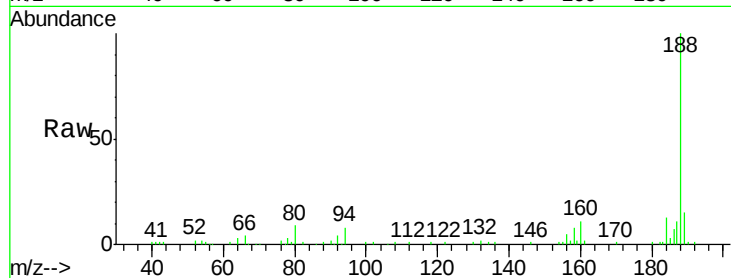
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

Instrument :
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ClientSampleId :
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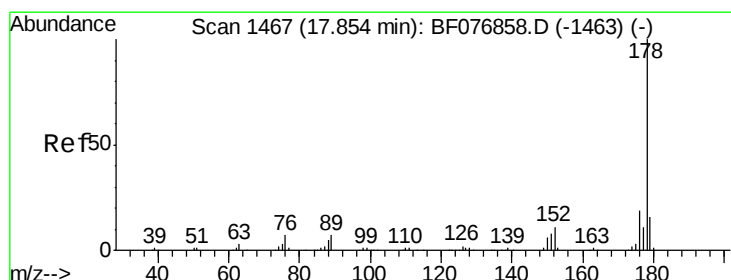
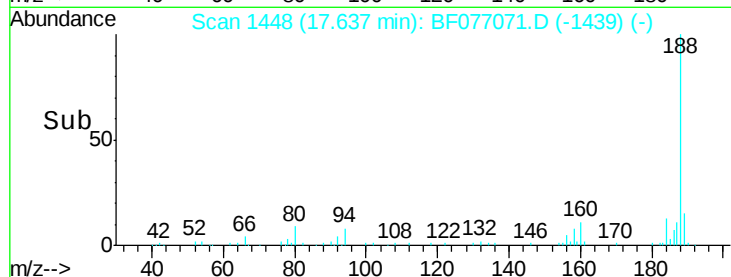
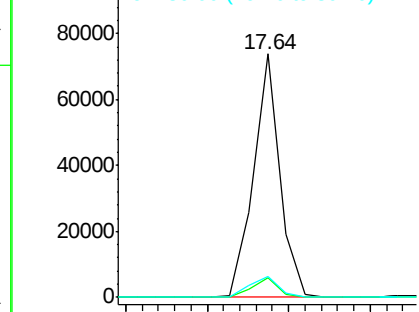
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	6.0	9.0
80	8.8	6.9	10.3

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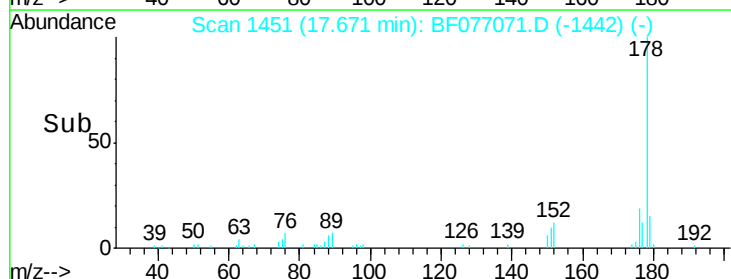
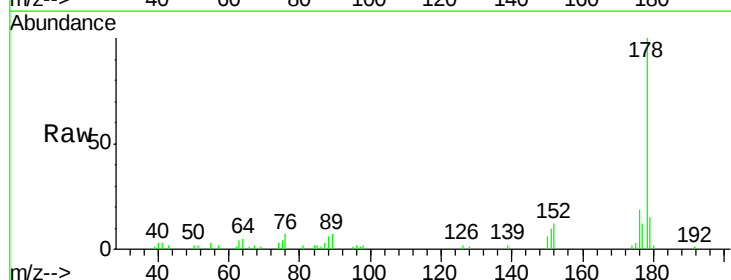
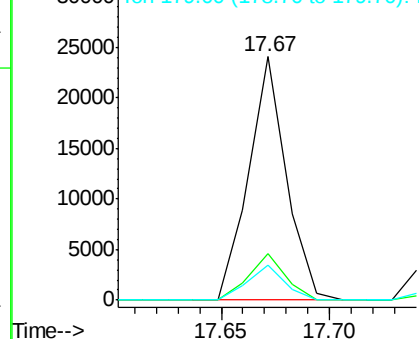
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

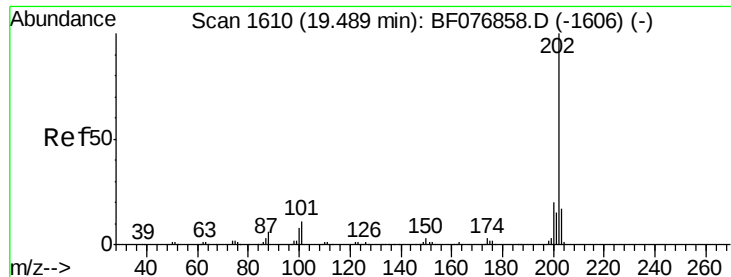


#70
Phenanthrene
Concen: 5.64 ng
RT: 17.67 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.9	15.1	22.7
179	14.5	12.7	19.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





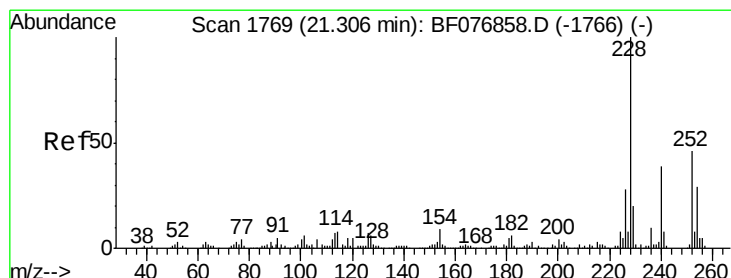
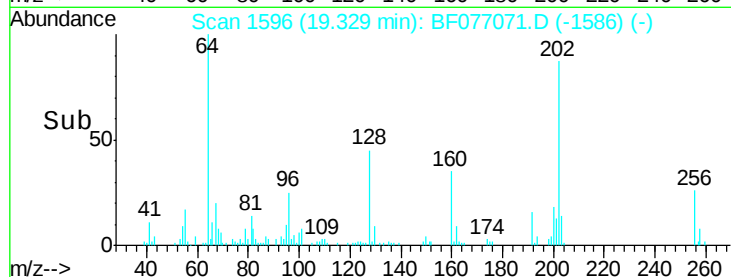
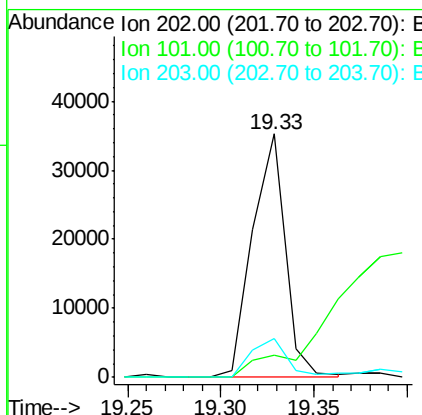
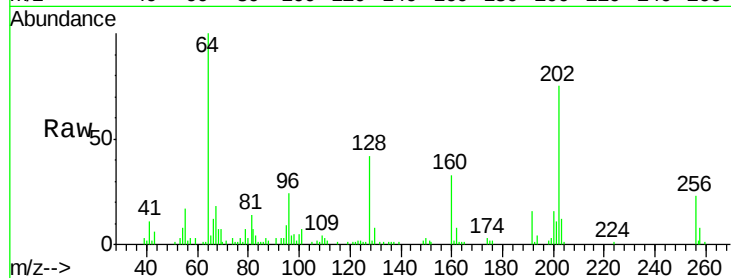
#74
 Fluoranthene
 Concen: 8.19 ng
 RT: 19.33 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF077071.D
 Acq: 27 Jan 2015 3:40

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 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	43117		
101	9.3	0.0	30.7	
203	15.8	0.0	36.9	

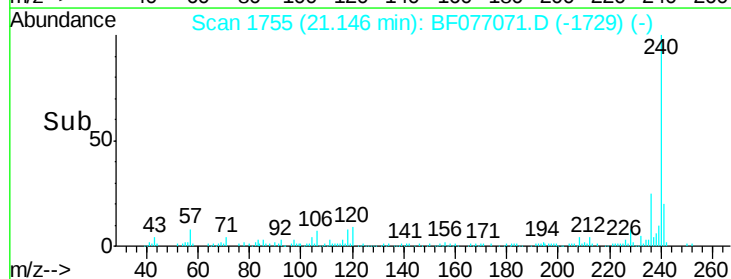
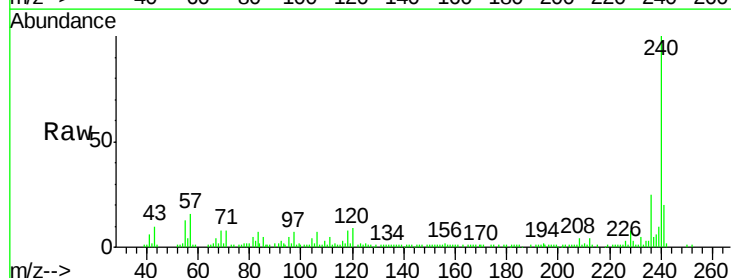
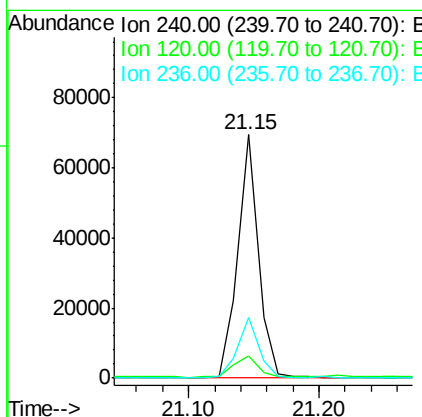
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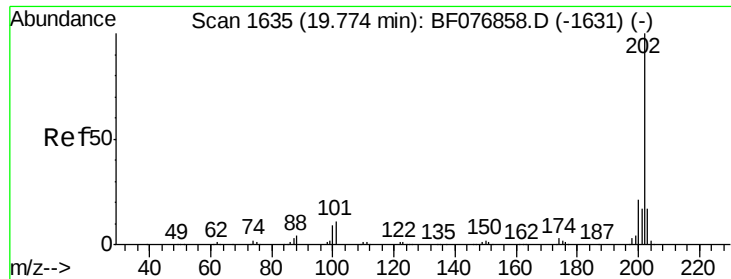
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF077071.D
 Acq: 27 Jan 2015 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	76345		
120	9.1	10.4	15.6#	
236	25.0	20.2	30.2	





#77

Pyrene

Concen: 8.27 ng

RT: 19.61 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF077071.D

Acq: 27 Jan 2015 3:40

Instrument :

BNA_F

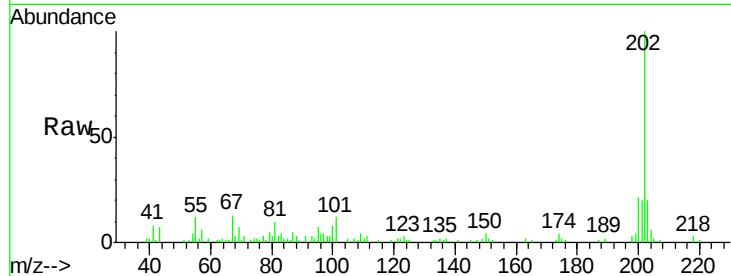
ClientSampleId :

SB-84(7-9)

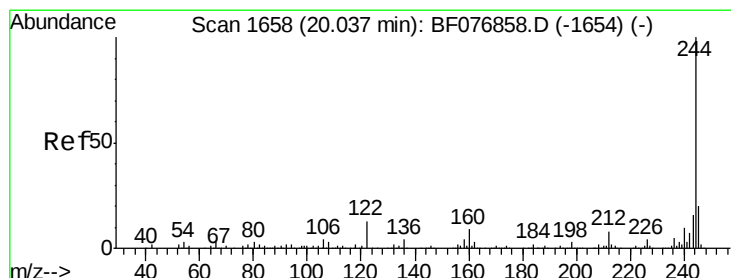
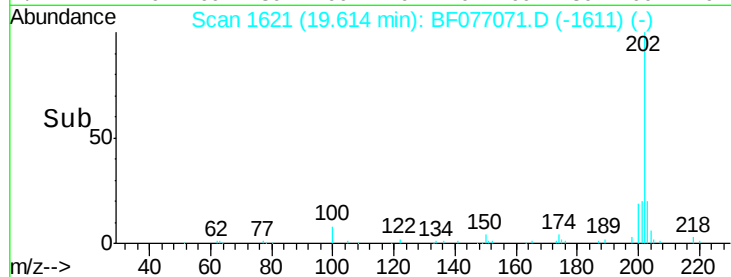
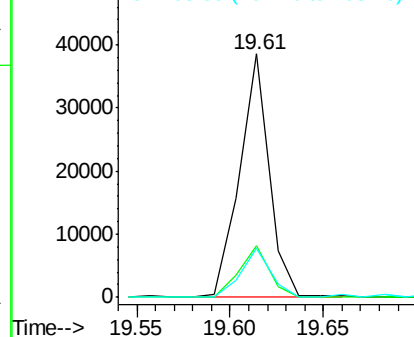
Tgt Ion:	202	Resp:	43290
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.7	25.1
203	19.9	14.0	21.0

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



#78

Terphenyl-d14

Concen: 45.97 ng

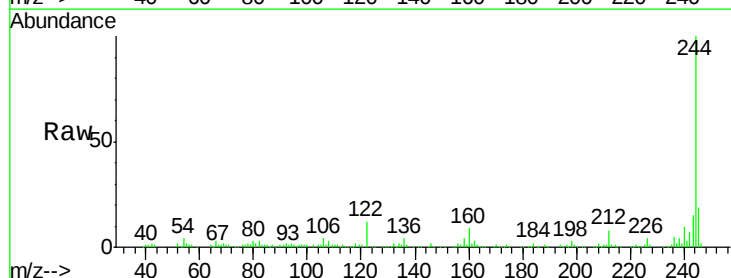
RT: 19.89 min Scan# 1645

Delta R.T. 0.01 min

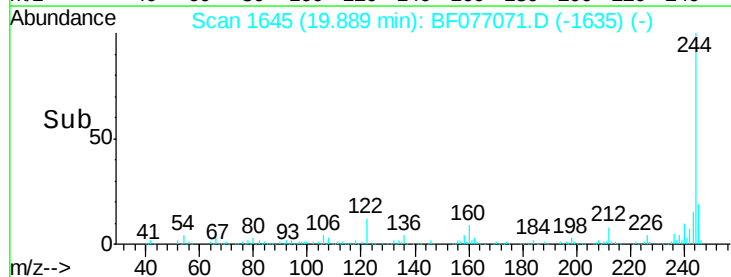
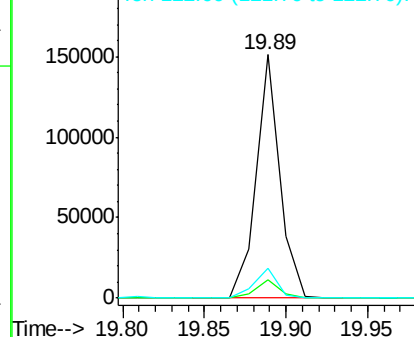
Lab File: BF077071.D

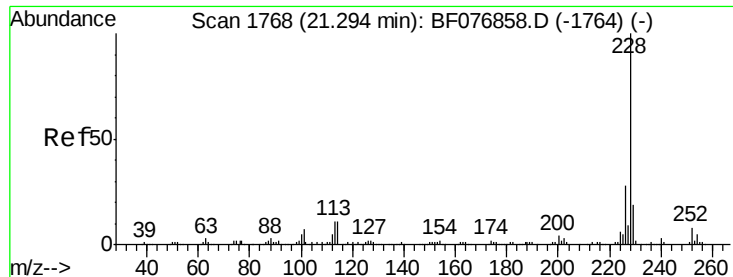
Acq: 27 Jan 2015 3:40

Tgt Ion:	244	Resp:	152446
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.3	9.5
122	12.0	10.1	15.1



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





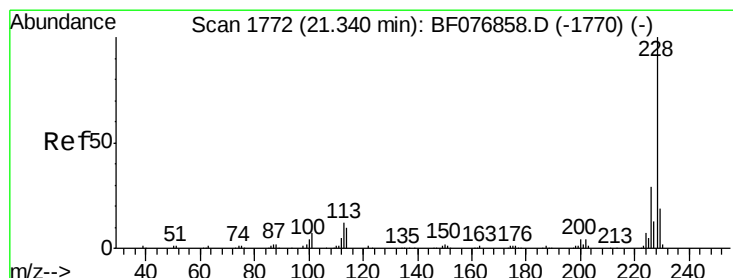
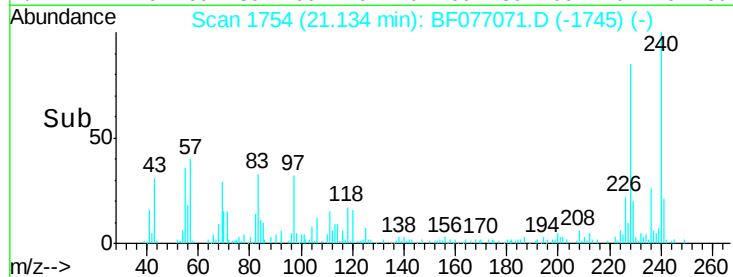
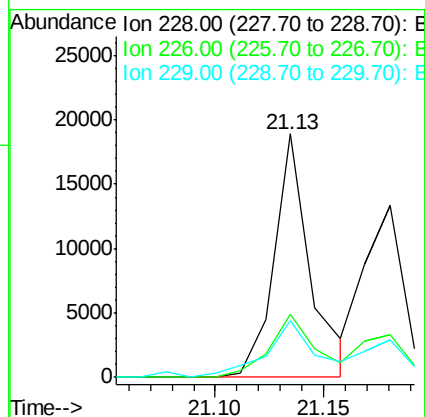
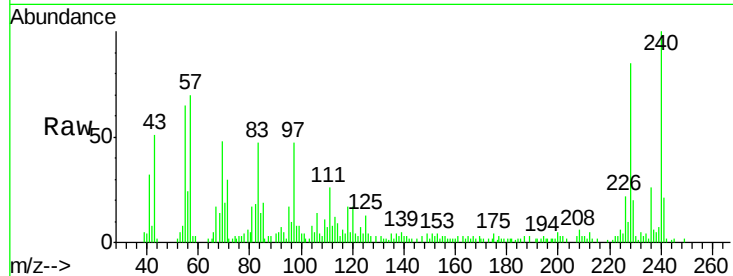
#80
Benzo(a)anthracene
Concen: 4.61 ng
RT: 21.13 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-84(7-9)

Tgt Ion:	228	Resp:	22088
Ion Ratio	Lower	Upper	
228	100		
226	25.9	22.1	33.1
229	23.1	15.5	23.3

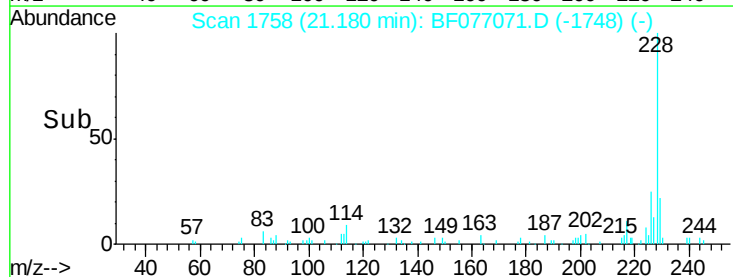
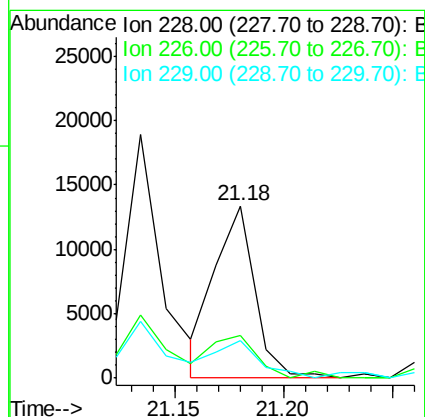
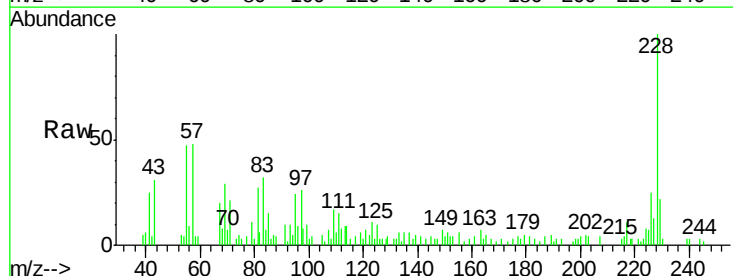
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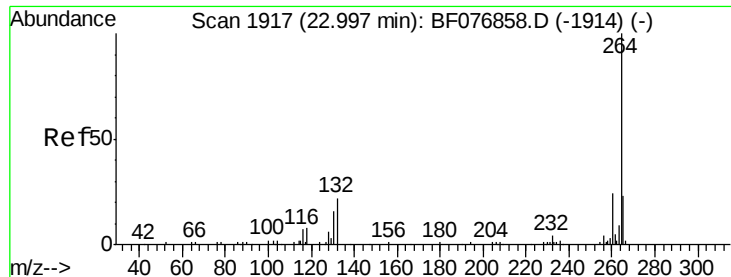
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#82
Chrysene
Concen: 3.94 ng
RT: 21.18 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

Tgt Ion:	228	Resp:	17225
Ion Ratio	Lower	Upper	
228	100		
226	24.8	23.4	35.0
229	21.8	15.4	23.0





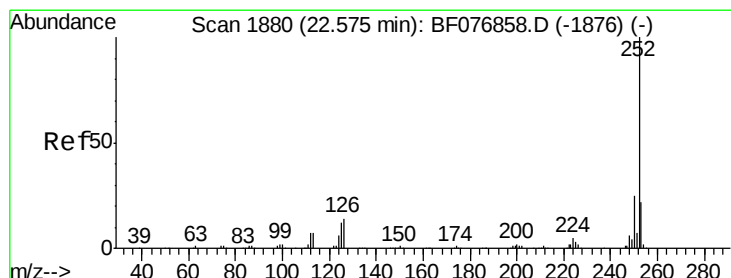
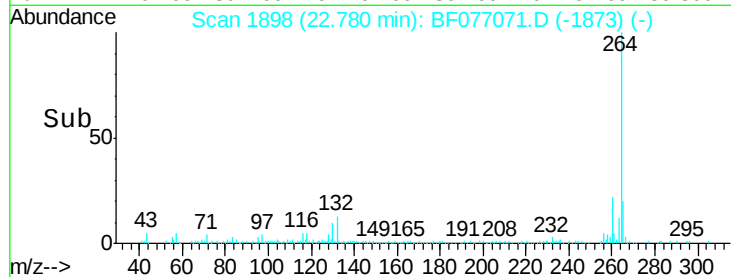
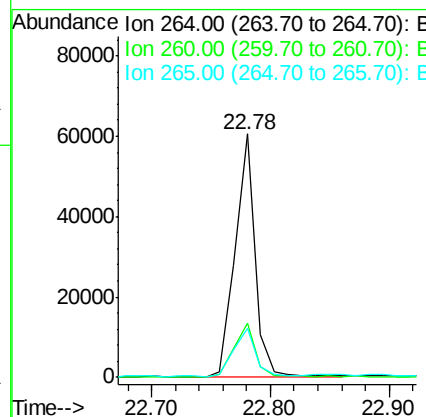
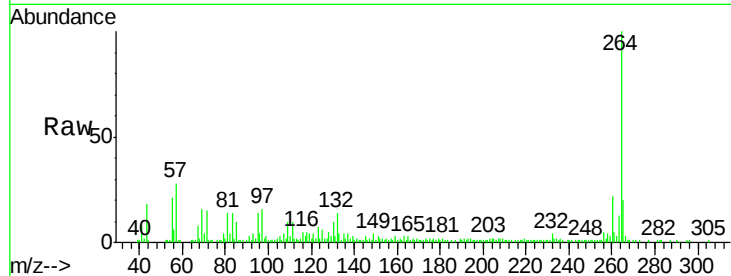
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.78 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-84(7-9)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	20.2	18.1	27.1

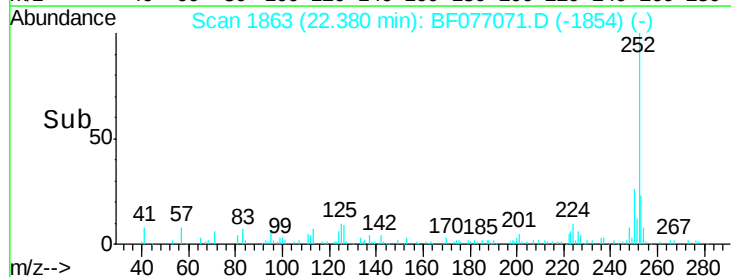
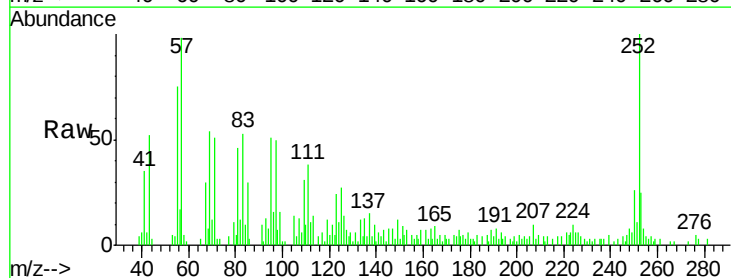
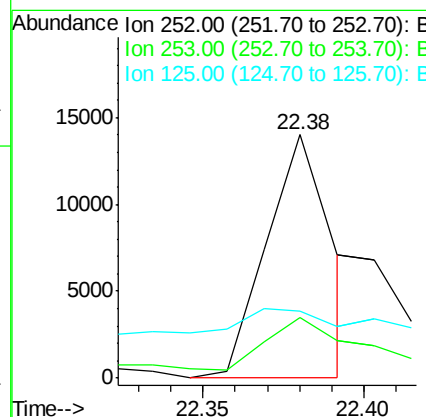
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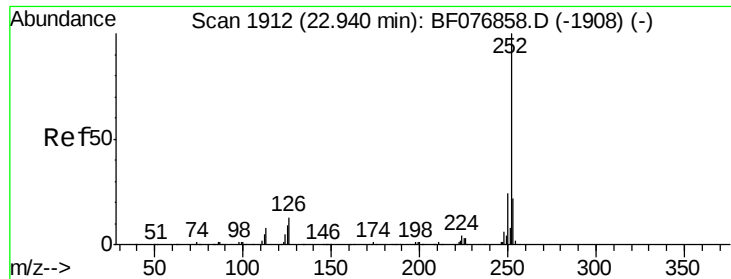
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#87
Benzo(b)fluoranthene
Concen: 4.11 ng m
RT: 22.38 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BF077071.D
Acq: 27 Jan 2015 3:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	27.4	9.4	14.0#





#89
 Benzo(a)pyrene
 Concen: 3.66 ng
 RT: 22.72 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BF077071.D
 Acq: 27 Jan 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(7-9)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	36.9	7.2	10.8

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