

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077491.D
 Acq On : 27 Feb 2015 5:29
 Operator : TP/IZ
 Sample : G1385-13
 Misc : S
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13-D9

Manual Integrations
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Quant Time: Feb 27 11:33:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	76301	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	310674	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	161565	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	349019	20.00	ng	0.00
75) Chrysene-d12	16.16	240	367274	20.00	ng	0.00
86) Perylene-d12	17.90	264	335297	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	318769	69.75	ng	0.01
7) Phenol-d6	6.83	99	423018	71.99	ng	0.00
23) Nitrobenzene-d5	7.96	82	247125	49.46	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	111727	71.82	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	471166	45.47	ng	0.00
78) Terphenyl-d14	14.86	244	610900	38.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.70	163	23447	2.06	ng	# 99
70) Phenanthrene	12.89	178	73625	3.64	ng	98
74) Fluoranthene	14.37	202	155758	7.05	ng	97
77) Pyrene	14.65	202	137433	6.12	ng	99
80) Benzo(a)anthracene	16.14	228	49766	2.31	ng	99
82) Chrysene	16.18	228	60991	3.02	ng	98
87) Benzo(b)fluoranthene	17.45	252	73415m	3.77	ng	
89) Benzo(a)pyrene	17.83	252	41577	2.24	ng	# 88

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

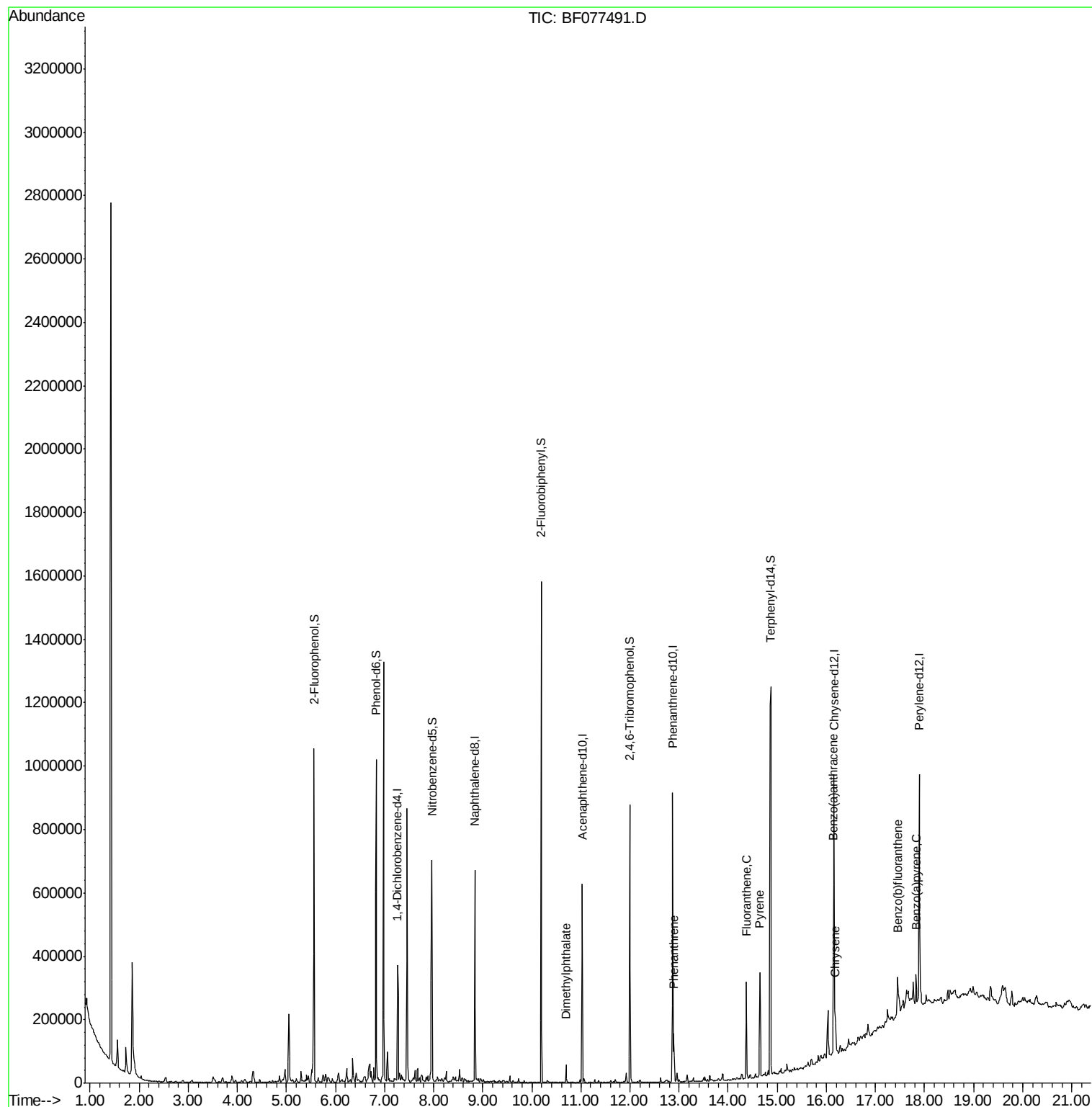
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077491.D
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Misc : S
ALS Vial : 29 Sample Multiplier: 1

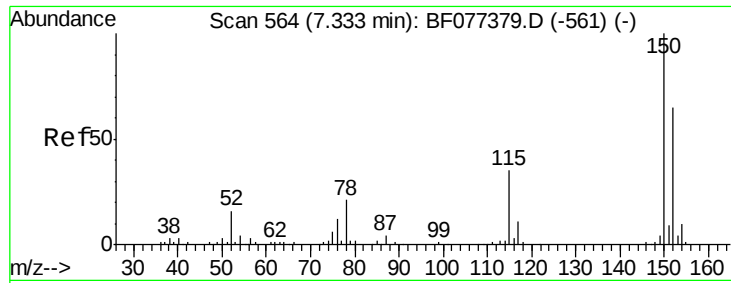
Instrument :
BNA_F
ClientSampleId :
B-13-D9

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Quant Time: Feb 27 11:33:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 07:02:57 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Instrument :

BNA_F

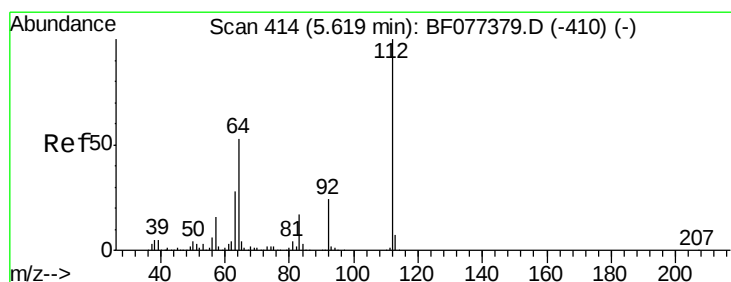
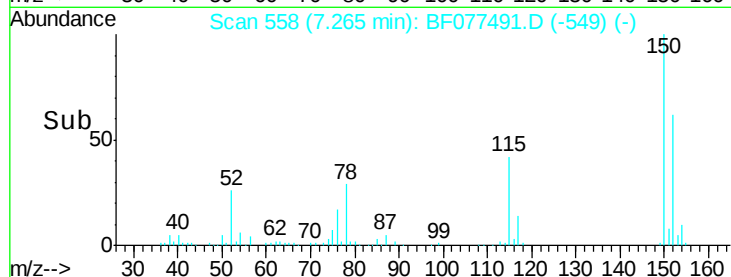
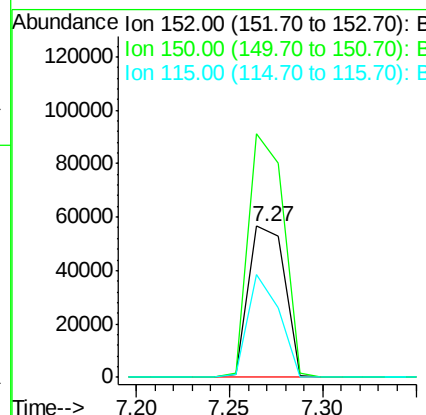
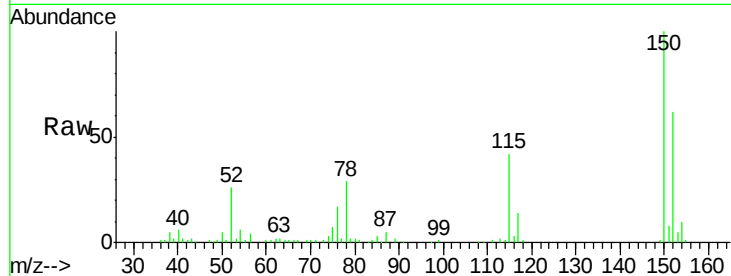
ClientSampleId :

B-13-D9

Tgt Ion:	152	Resp:	76301
Ion Ratio	Lower	Upper	
152	100		
150	161.0	124.0	186.0
115	67.6	49.4	74.2

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#5

2-Fluorophenol

Concen: 69.75 ng

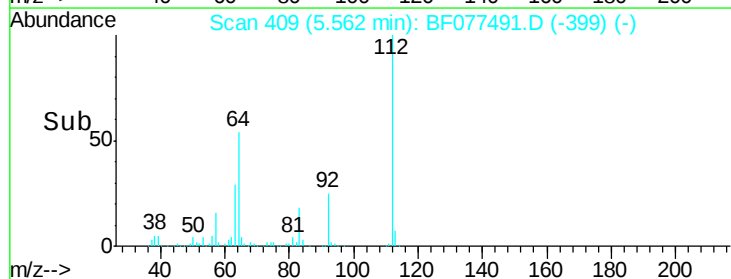
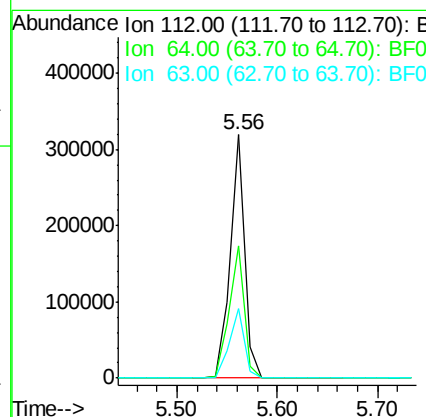
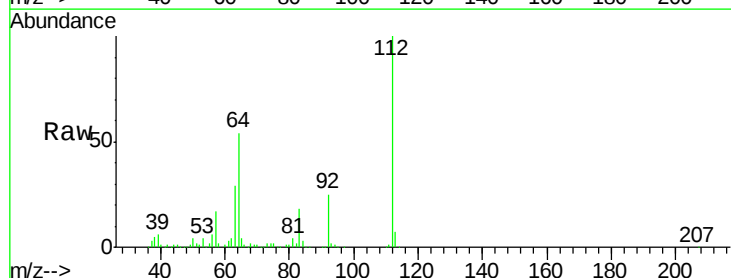
RT: 5.56 min Scan# 409

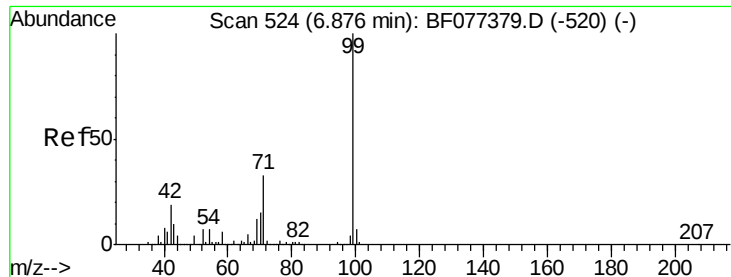
Delta R.T. 0.01 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Tgt Ion:	112	Resp:	318769
Ion Ratio	Lower	Upper	
112	100		
64	54.4	48.5	72.7
63	28.8	25.0	37.4





#7

Phenol-d6

Concen: 71.99 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Instrument :

BNA_F

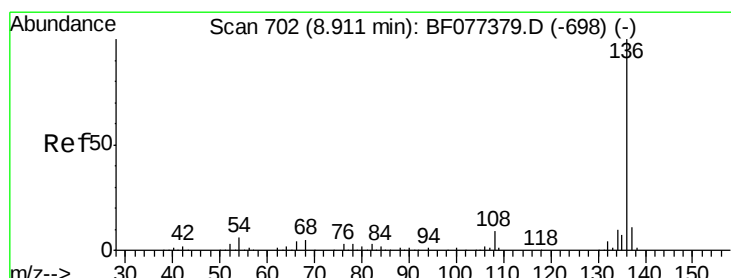
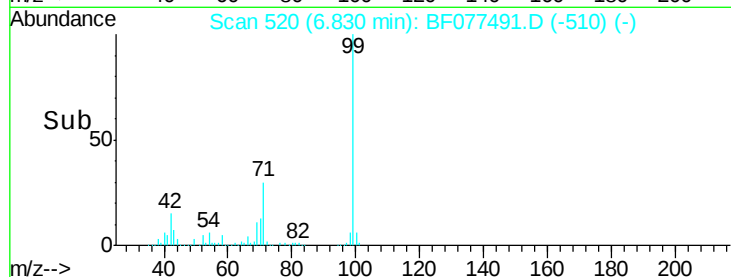
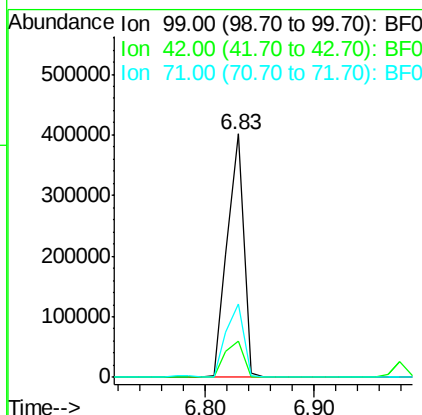
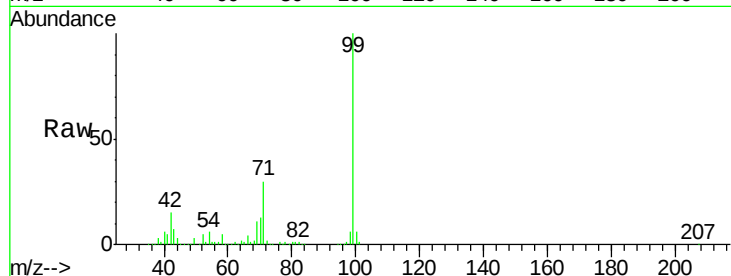
ClientSampled :

B-13-D9

Tgt Ion:	99	Resp:	423018
Ion Ratio	Lower	Upper	
99	100		
42	14.7	16.2	24.4#
71	29.9	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

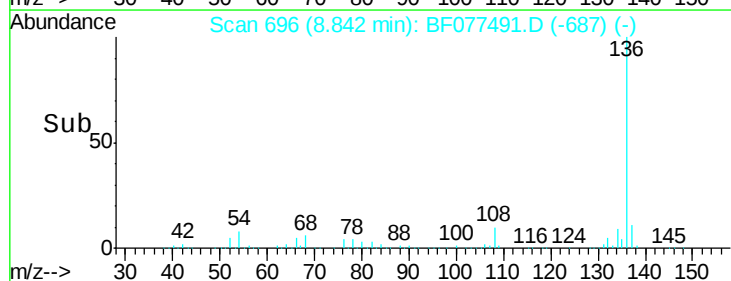
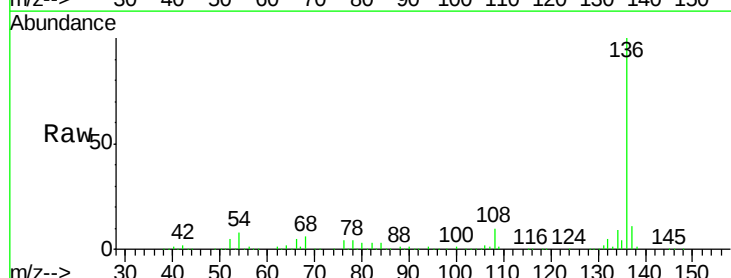
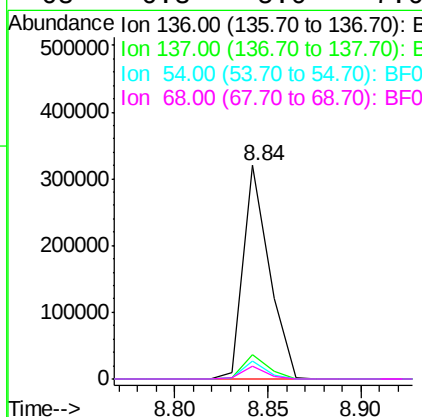
RT: 8.84 min Scan# 696

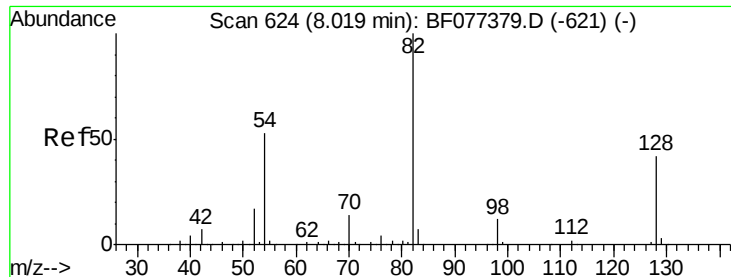
Delta R.T. 0.00 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Tgt Ion:	136	Resp:	310674
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	8.4	6.2	9.4
68	6.3	5.0	7.6





#23

Nitrobenzene-d5

Concen: 49.46 ng

RT: 7.96 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Instrument :

BNA_F

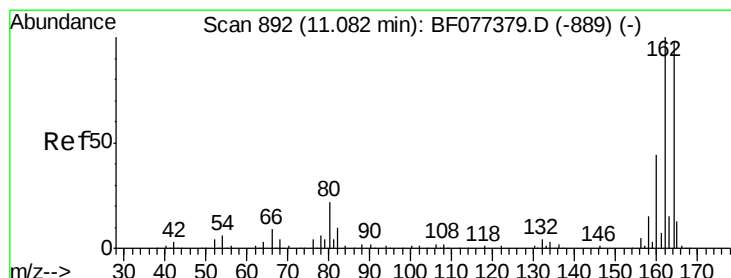
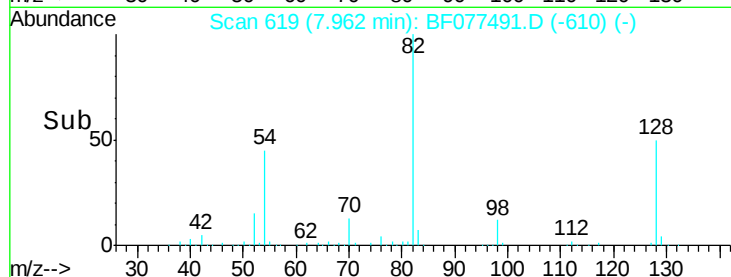
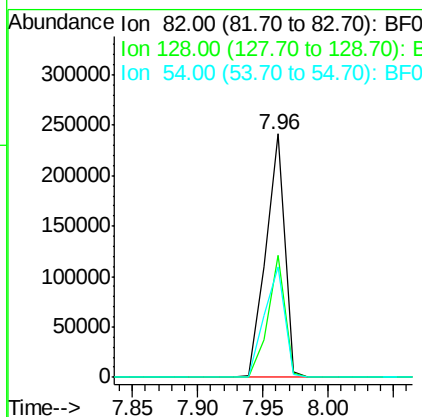
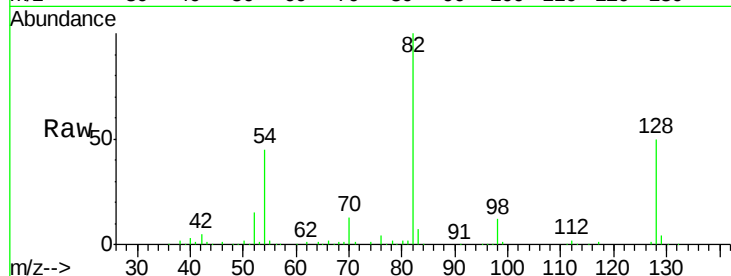
ClientSampleId :

B-13-D9

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	247125		
128	50.0	43.8	65.8	
54	45.3	36.7	55.1	

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#38

Acenaphthene-d10

Concen: 20.00 ng

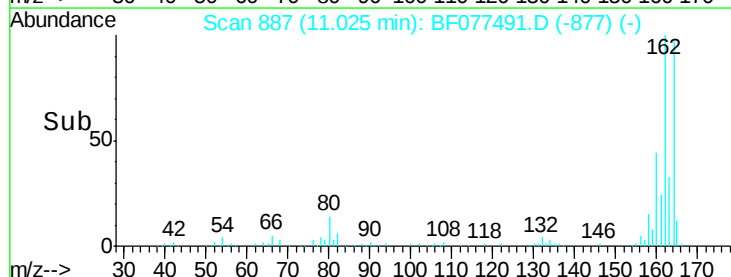
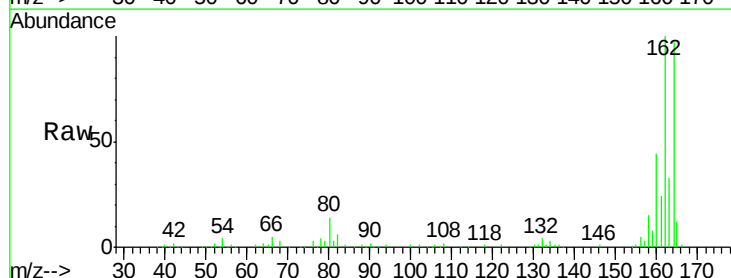
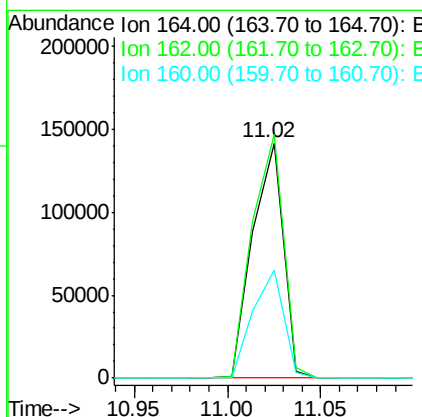
RT: 11.02 min Scan# 887

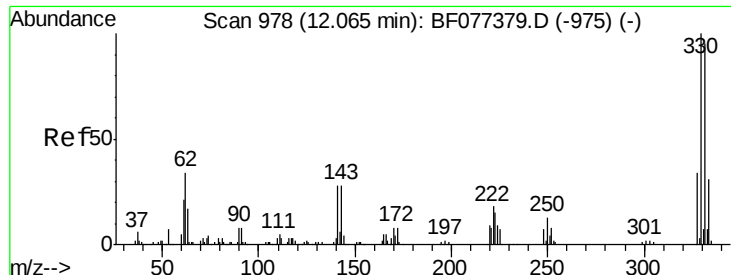
Delta R.T. 0.01 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	161565		
162	103.6	83.2	124.8	
160	45.8	34.6	52.0	





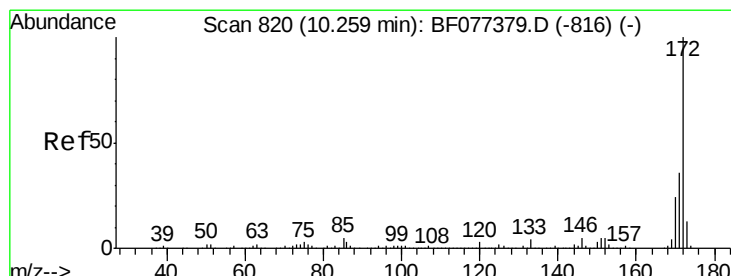
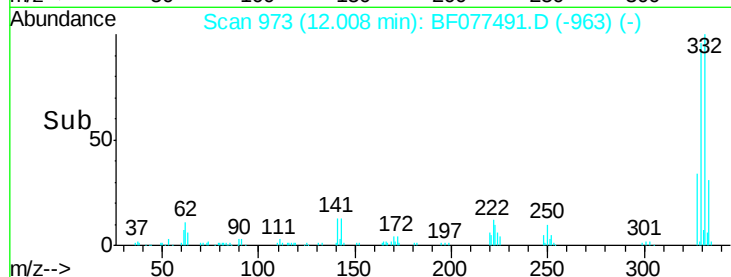
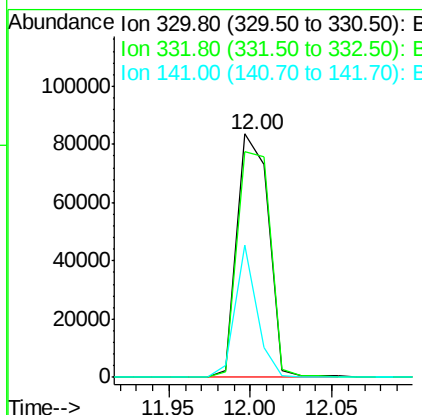
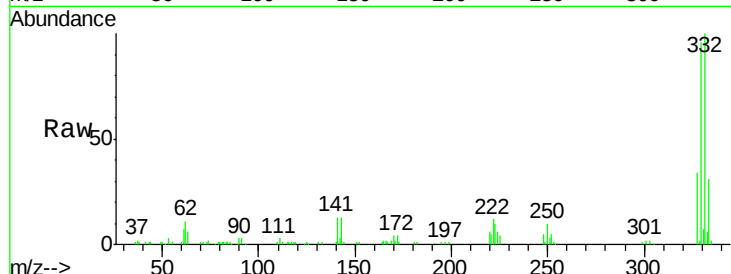
#41
 2,4,6-Tribromophenol
 Concen: 71.82 ng
 RT: 12.00 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

Instrument :
 BNA_F
 ClientSampled :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	111727		
332	97.7	77.4	116.2	
141	36.9	28.8	43.2	

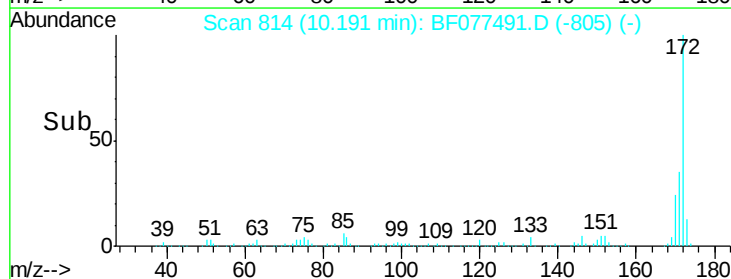
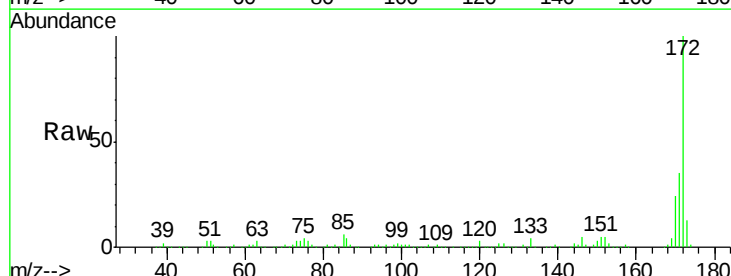
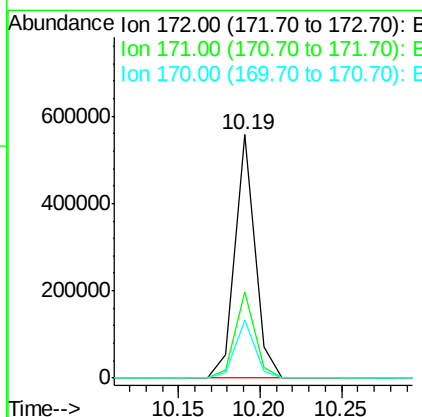
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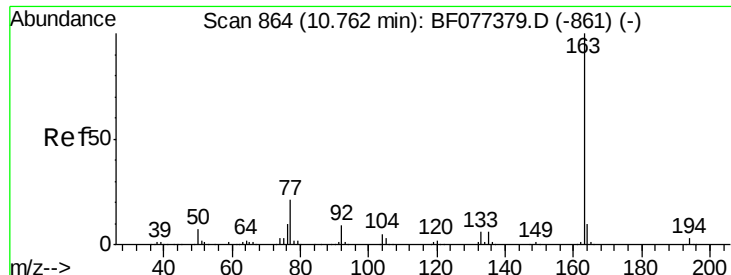
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#44
 2-Fluorobiphenyl
 Concen: 45.47 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	471166		
171	35.3	28.9	43.3	
170	23.6	19.4	29.2	





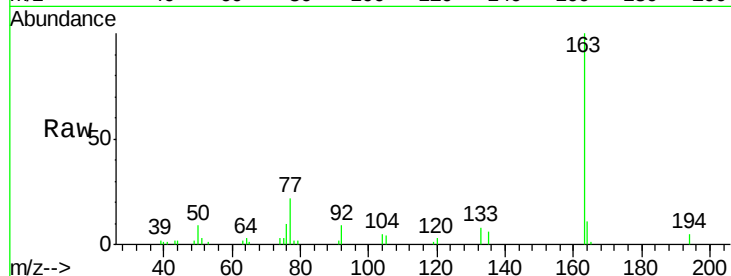
#49
Dimethylphthalate
Concen: 2.06 ng
RT: 10.70 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Instrument :
BNA_F
ClientSampleId :
B-13-D9

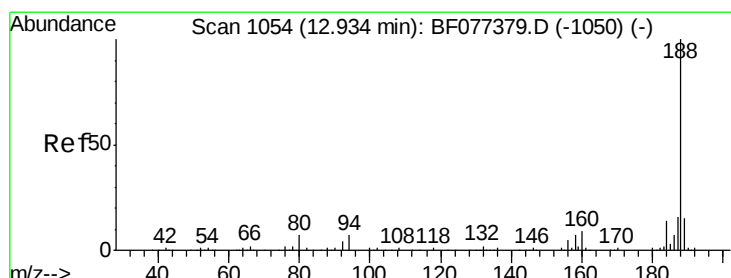
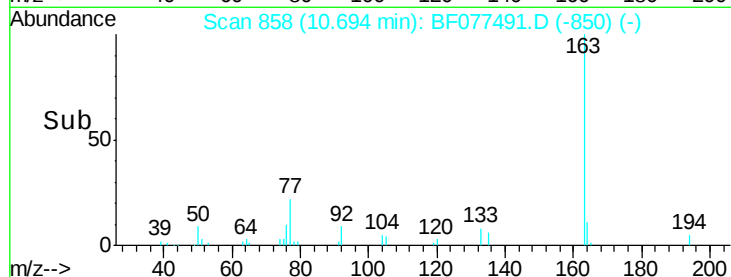
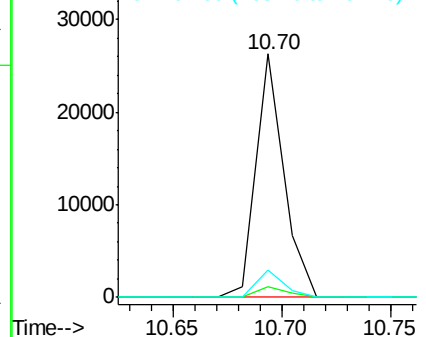
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	23447		
194	4.5	2.6	4.0#	
164	11.1	8.6	13.0	

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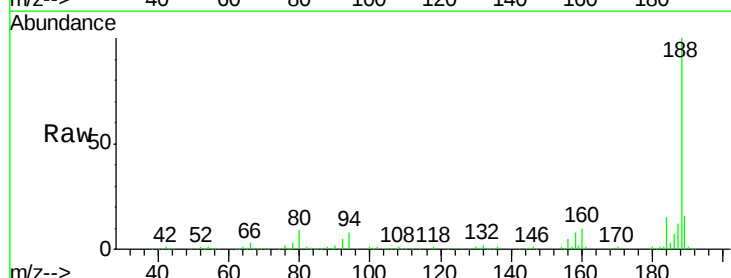


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

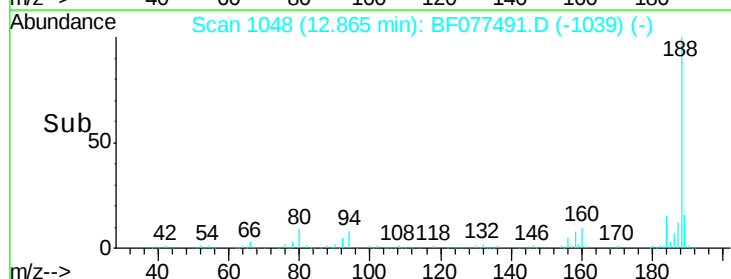
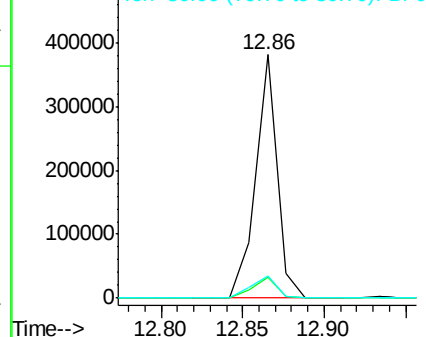


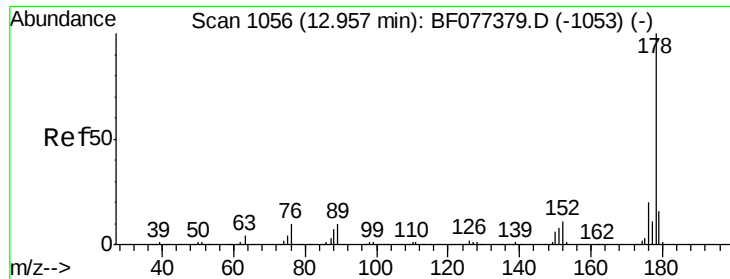
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.86 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	349019		
94	8.4	7.4	11.2	
80	8.9	8.0	12.0	



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





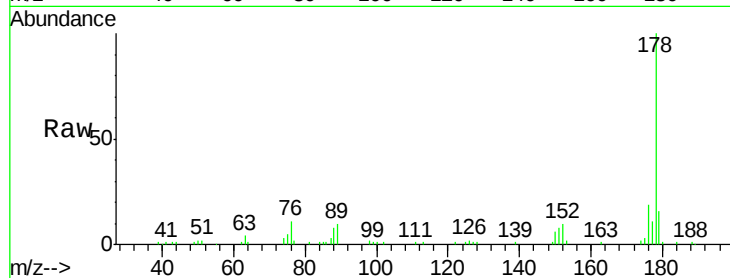
#70
Phenanthrene
Concen: 3.64 ng
RT: 12.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Instrument :
BNA_F
ClientSampleId :
B-13-D9

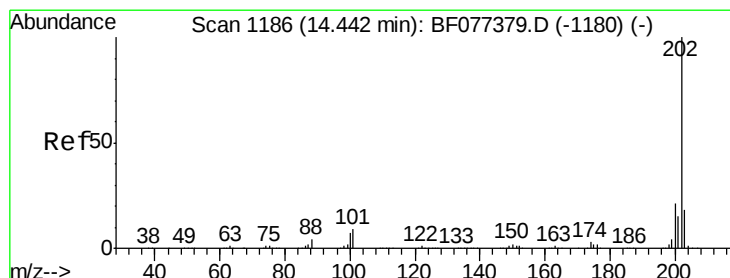
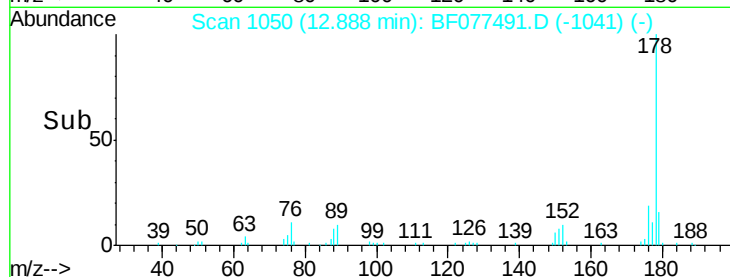
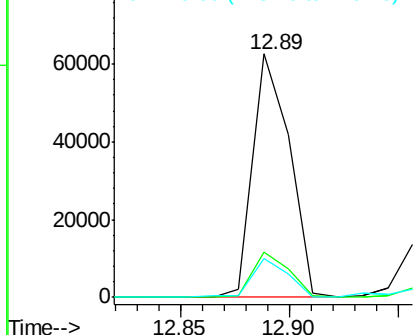
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.7	12.2	18.2

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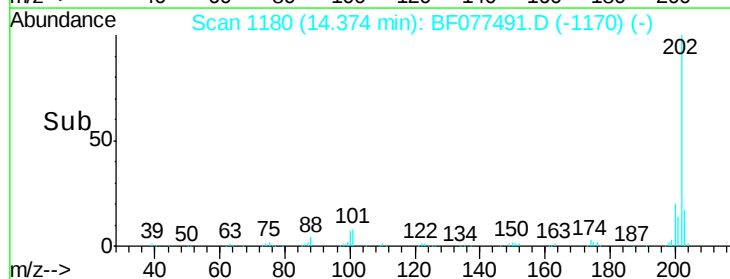
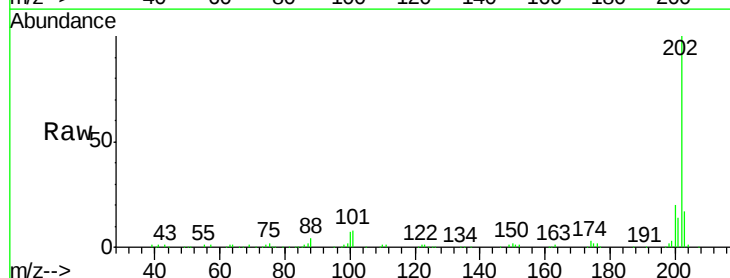
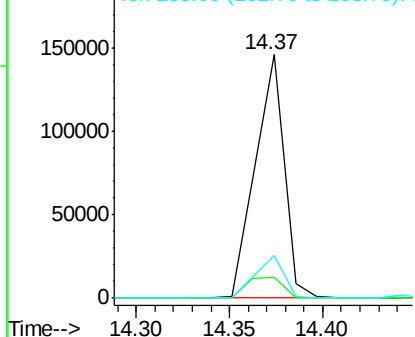
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

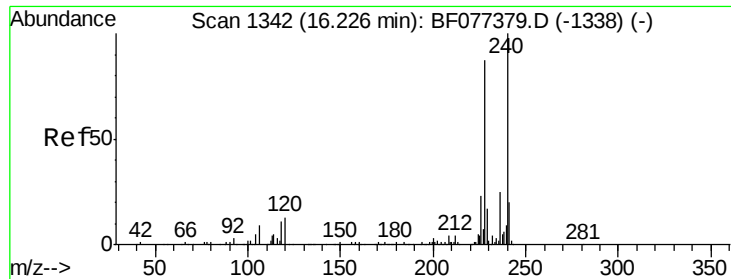


#74
Fluoranthene
Concen: 7.05 ng
RT: 14.37 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.8
203	17.5	0.0	37.7

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





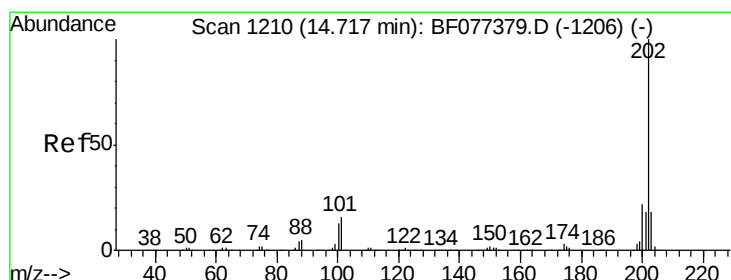
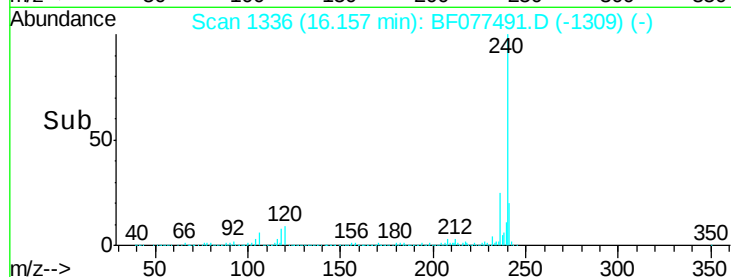
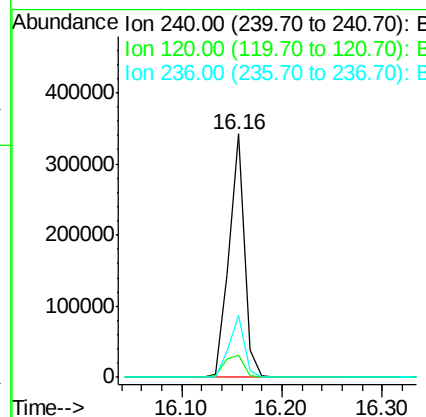
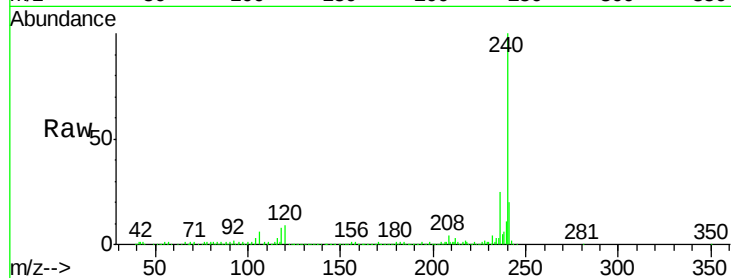
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Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Instrument :
BNA_F
ClientSampleId :
B-13-D9

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	367274		
120	9.3	8.8	13.2	
236	25.2	20.7	31.1	

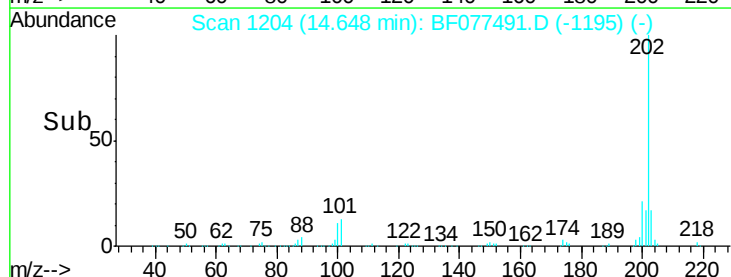
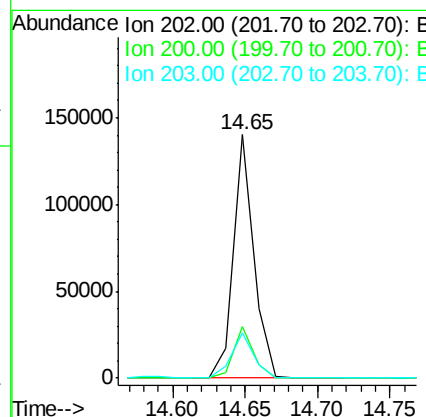
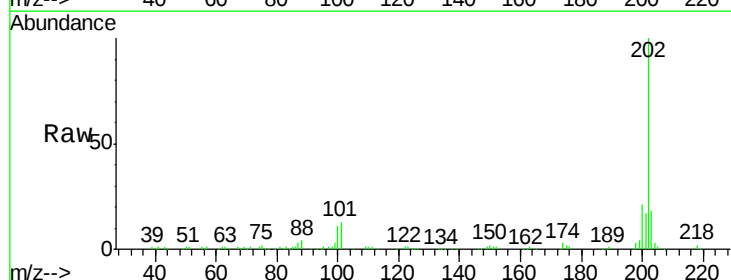
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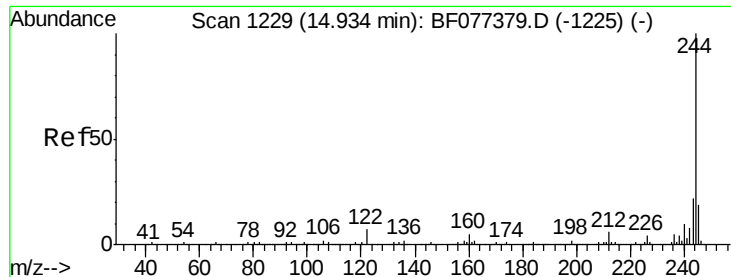
apatel
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#77
Pyrene
Concen: 6.12 ng
RT: 14.65 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	137433		
200	21.4	17.1	25.7	
203	18.4	14.2	21.2	





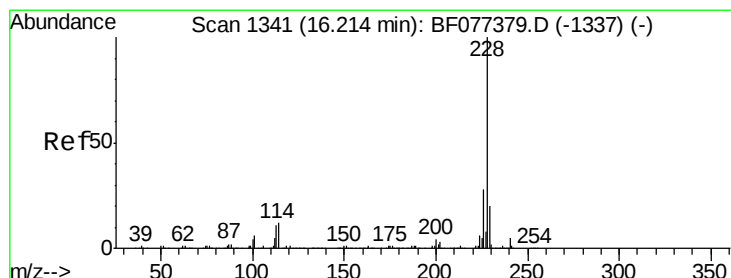
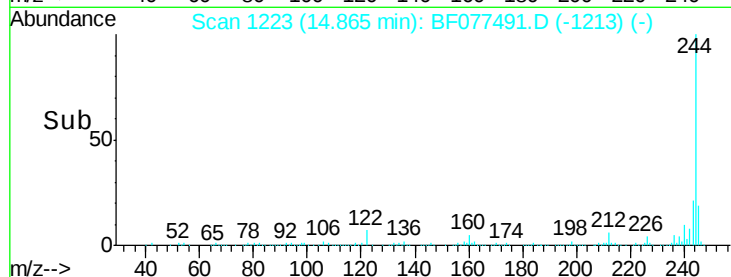
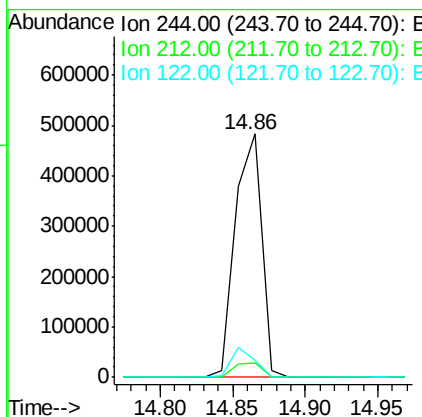
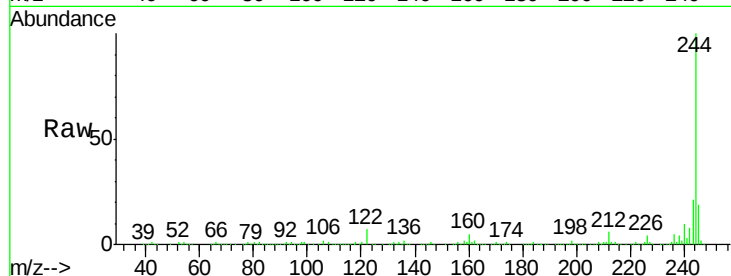
#78
 Terphenyl-d14
 Concen: 38.89 ng
 RT: 14.86 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

Instrument :
 BNA_F
 ClientSampleId :
 B-13-D9

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	5.9	5.2	7.8
122	7.0	7.8	11.8#

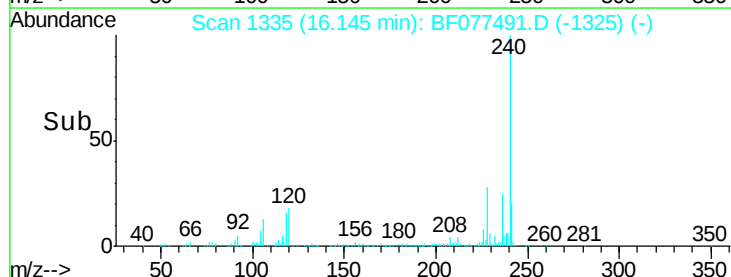
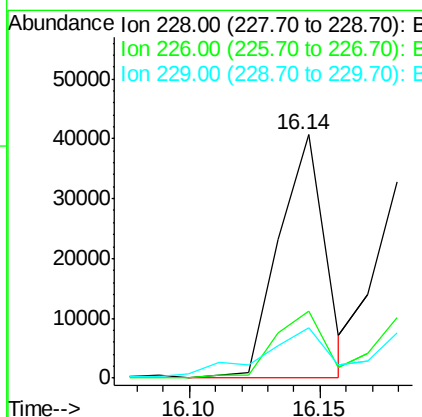
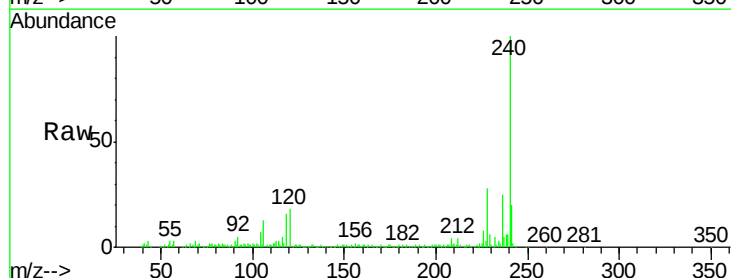
Manual Integrations
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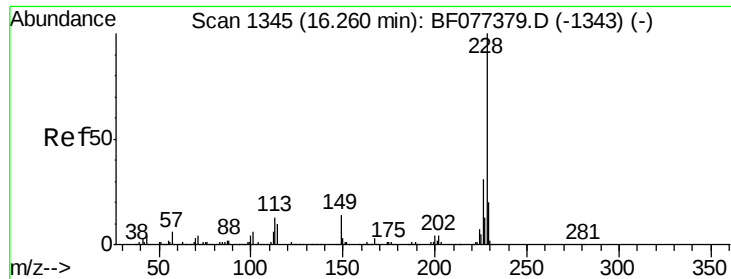
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#80
 Benzo(a)anthracene
 Concen: 2.31 ng
 RT: 16.14 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.6	22.0	33.0
229	20.6	15.8	23.8





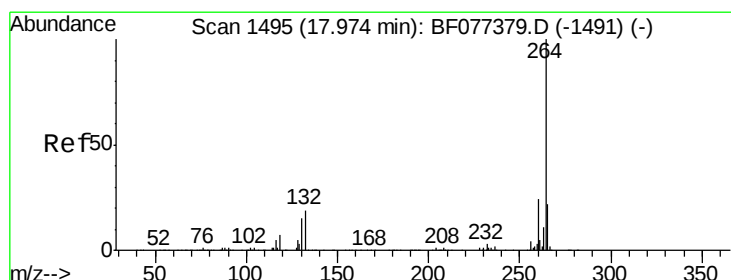
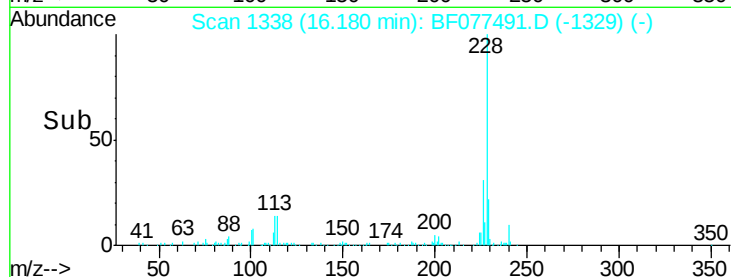
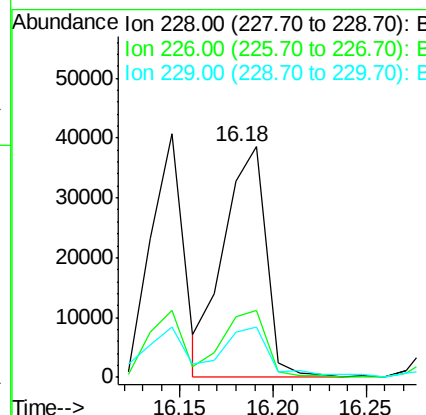
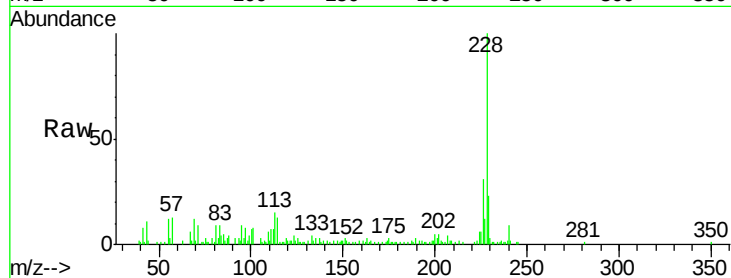
#82
Chrysene
Concen: 3.02 ng
RT: 16.18 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Instrument :
BNA_F
ClientSampleId :
B-13-D9

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.9	37.3
229	23.3	16.4	24.6

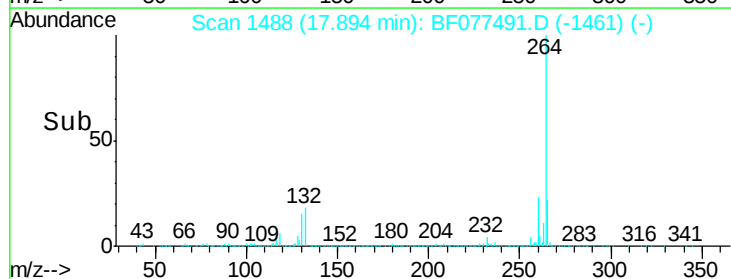
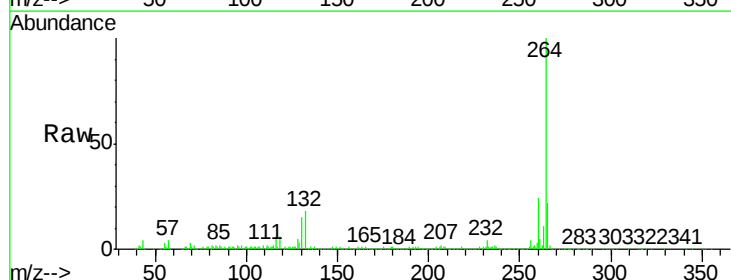
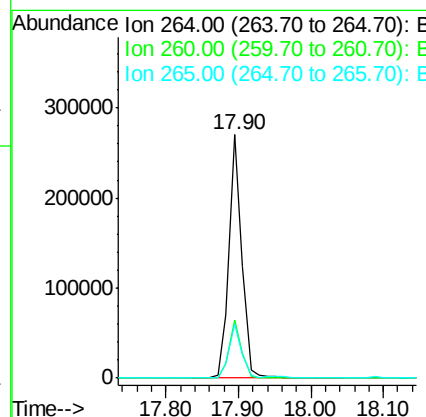
Manual Integrations
APPROVED

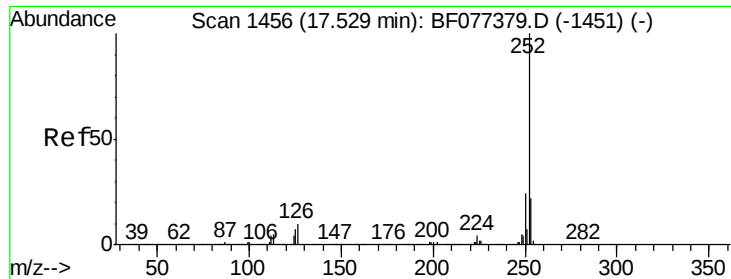
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.90 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	19.3	28.9
265	22.2	16.8	25.2





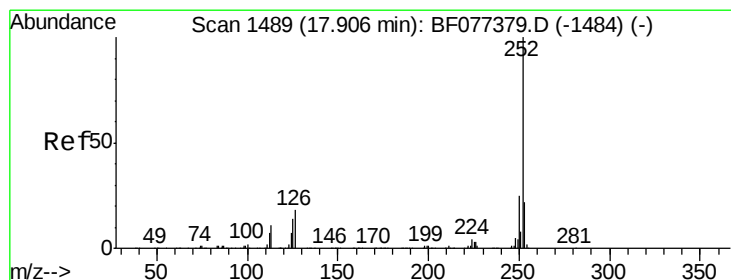
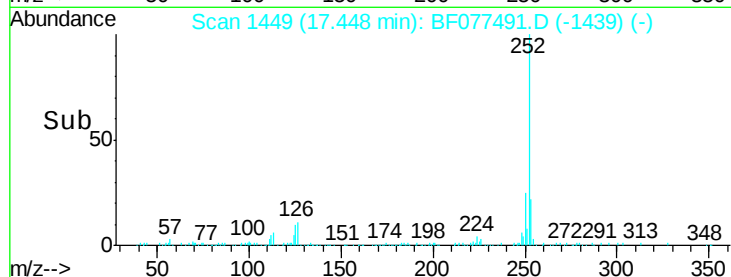
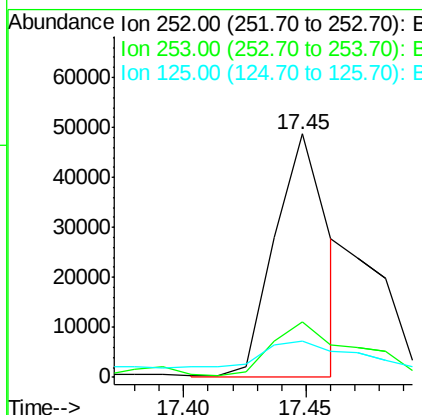
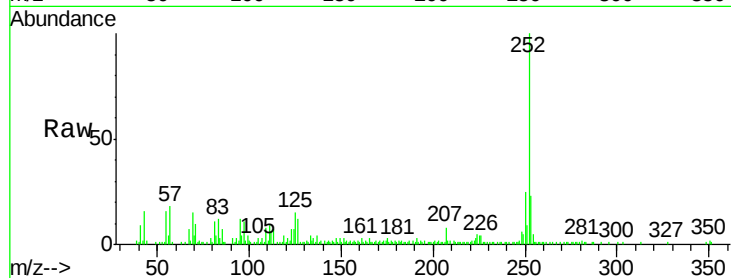
#87
Benzo(b)fluoranthene
Concen: 3.77 ng m
RT: 17.45 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Instrument :
BNA_F
ClientSampleId :
B-13-D9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	15.1	5.4	8.2#

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.24 ng
RT: 17.83 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.2
125	18.8	8.3	12.5#

