

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077487.D
 Acq On : 27 Feb 2015 3:35
 Operator : TP/IZ
 Sample : G1385-09
 Misc : S
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910

Manual Integrations
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Quant Time: Feb 27 07:32:19 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	77337	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	305434	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	164503	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	327697	20.00	ng	0.00
75) Chrysene-d12	16.15	240	376547	20.00	ng	0.00
86) Perylene-d12	17.86	264	335958	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	328866	70.99	ng	0.01
7) Phenol-d6	6.82	99	434855	73.01	ng	0.00
23) Nitrobenzene-d5	7.96	82	279150	56.83	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	120865	76.31	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	523669	49.64	ng	0.00
78) Terphenyl-d14	14.86	244	679440	42.18	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.87	128	423795	27.75	ng	99
37) 2-Methylnaphthalene	9.73	142	173851	16.03	ng	99
49) Dimethylphthalate	10.69	163	29348	2.54	ng	98
70) Phenanthrene	12.89	178	156963	8.26	ng	98
74) Fluoranthene	14.37	202	151087	7.28	ng	98
77) Pyrene	14.64	202	115840	5.03	ng	98
82) Chrysene	16.17	228	56524m	2.73	ng	
87) Benzo(b)fluoranthene	17.43	252	60959	3.12	ng	# 67

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

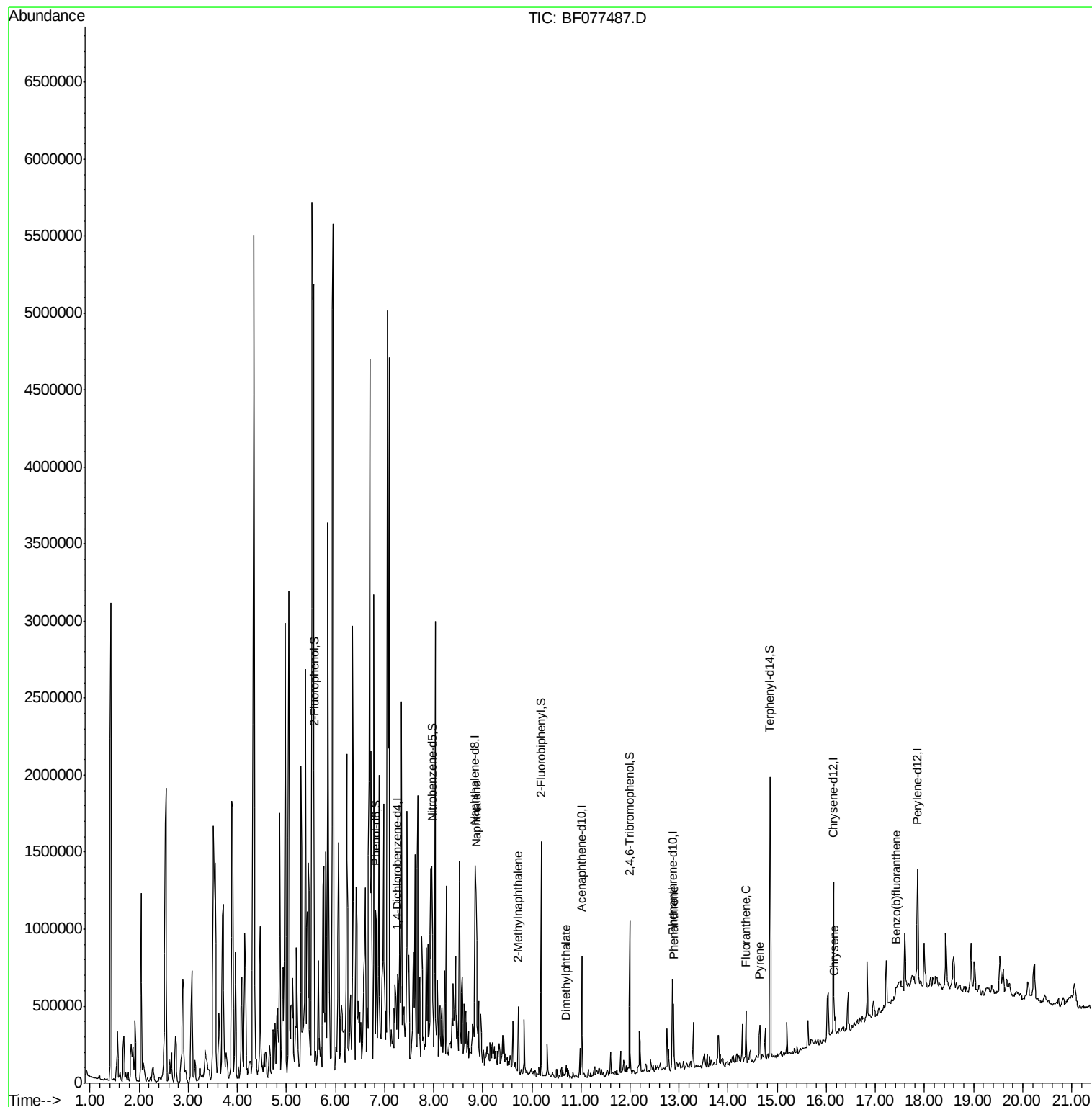
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077487.D
Acq On : 27 Feb 2015 3:35
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ALS Vial : 25 Sample Multiplier: 1

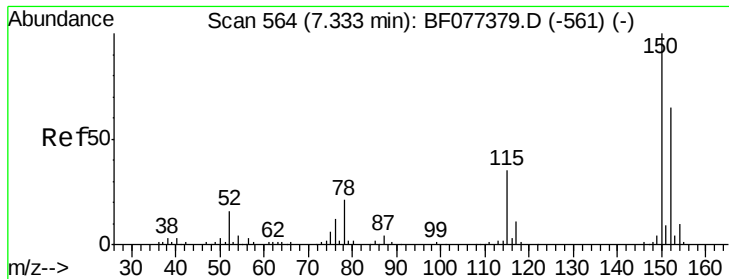
Instrument :
BNA_F
ClientSampleId :
B-11-D910

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Quant Time: Feb 27 07:32:19 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# 559

Delta R.T. 0.01 min

Lab File: BF077487.D

Acq: 27 Feb 2015 3:35

Instrument :

BNA_F

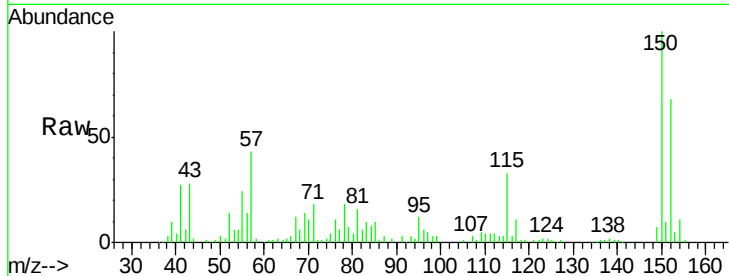
ClientSampleId :

B-11-D910

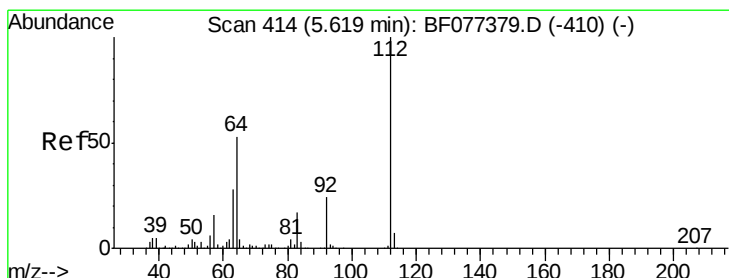
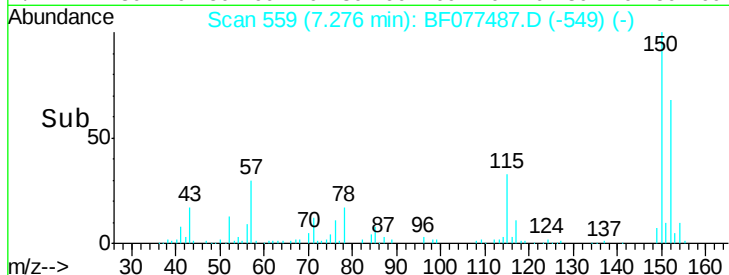
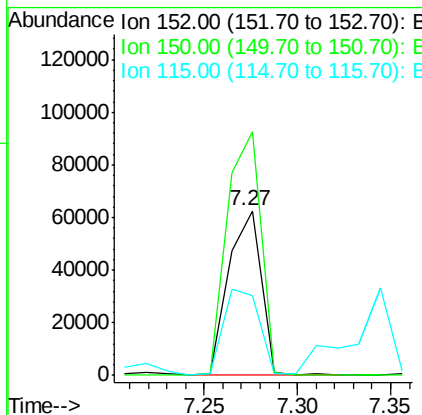
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.7	124.0	186.0
115	48.5	49.4	74.2#



#5

2-Fluorophenol

Concen: 70.99 ng

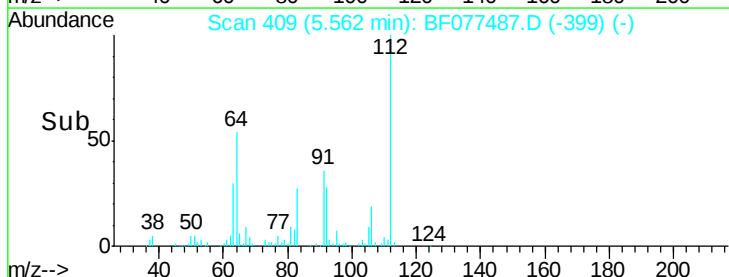
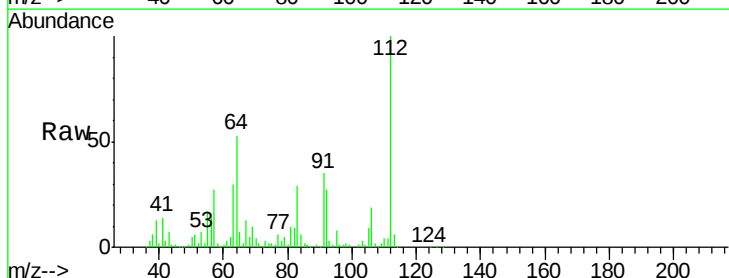
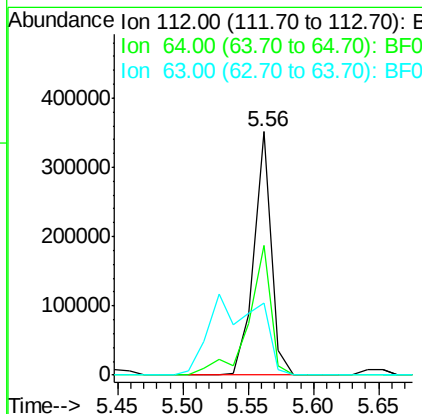
RT: 5.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF077487.D

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Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	48.5	72.7
63	29.7	25.0	37.4





#7

Phenol-d6

Concen: 73.01 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF077487.D

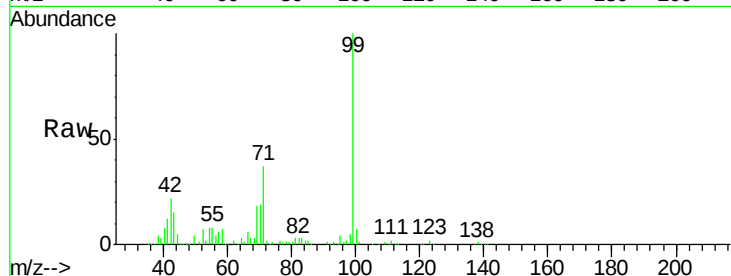
Acq: 27 Feb 2015 3:35

Instrument :

BNA_F

ClientSampleId :

B-11-D910



Tgt Ion: 99 Resp: 434855

Ion Ratio Lower Upper

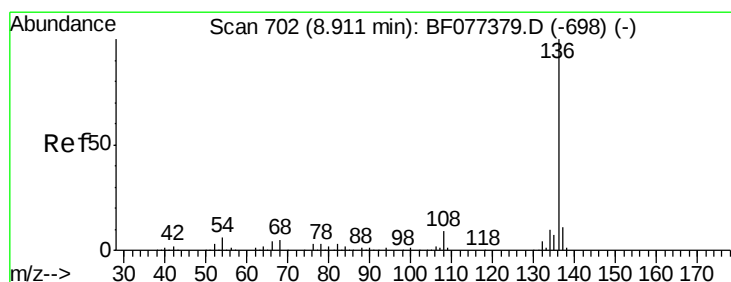
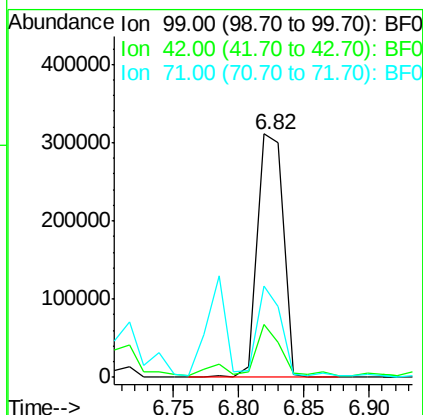
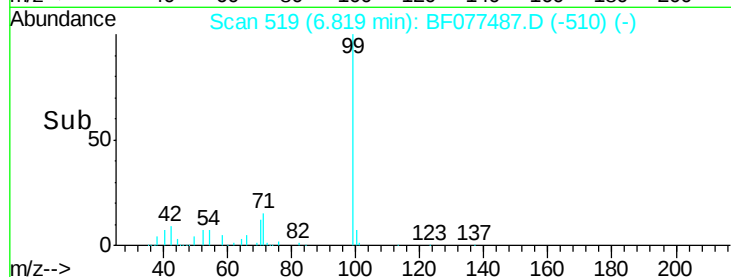
99 100

42 21.9 16.2 24.4

71 37.4 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: BF077487.D

Acq: 27 Feb 2015 3:35

Tgt Ion: 136 Resp: 305434

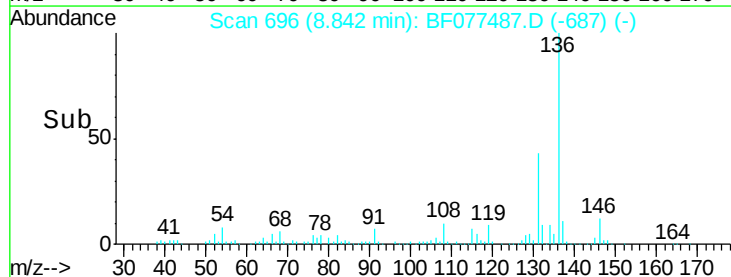
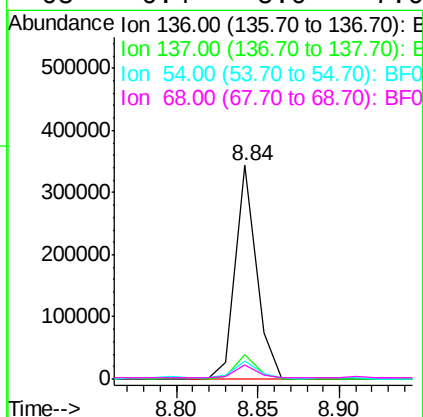
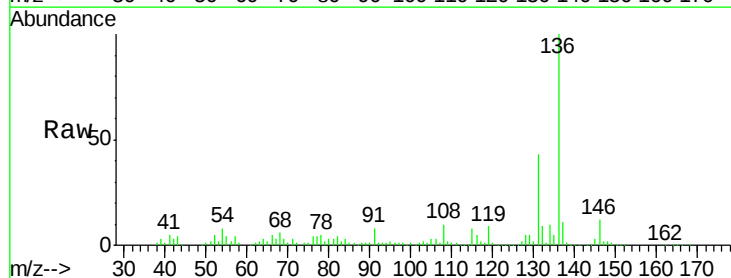
Ion Ratio Lower Upper

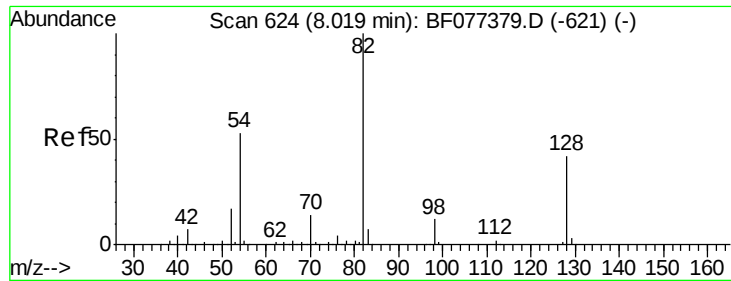
136 100

137 11.1 8.6 13.0

54 8.4 6.2 9.4

68 6.4 5.0 7.6





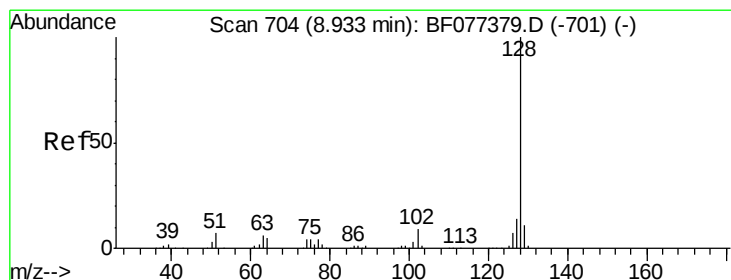
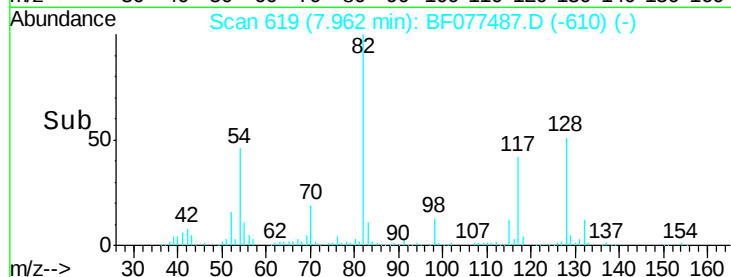
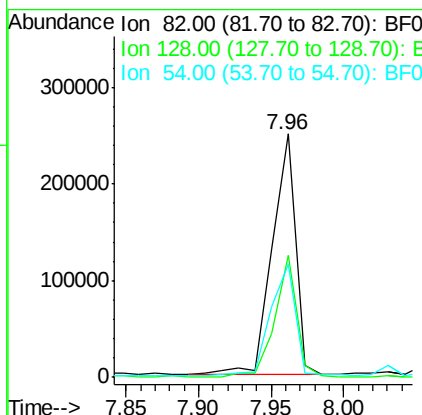
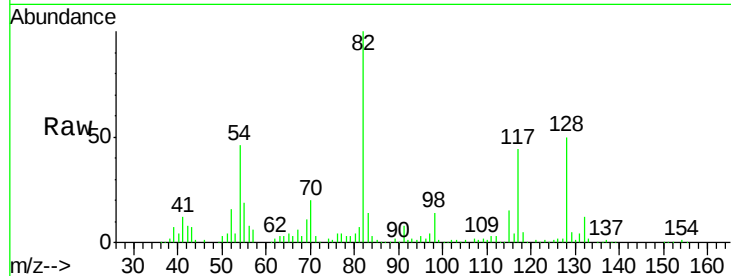
#23
 Nitrobenzene-d5
 Concen: 56.83 ng
 RT: 7.96 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF077487.D
 Acq: 27 Feb 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	50.2	43.8	65.8
54	46.4	36.7	55.1

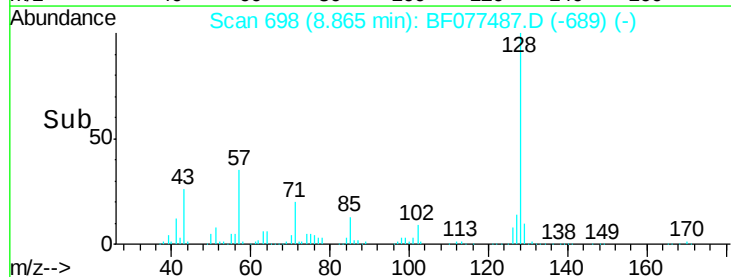
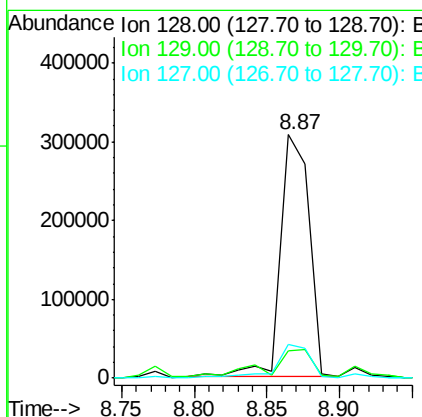
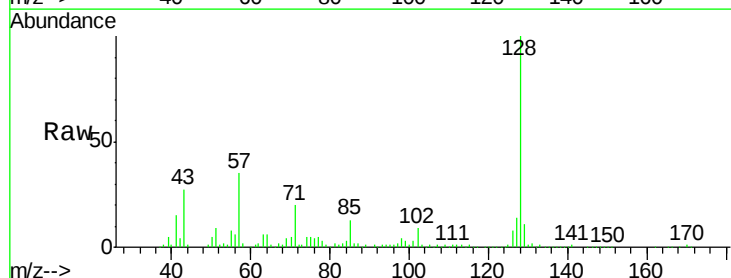
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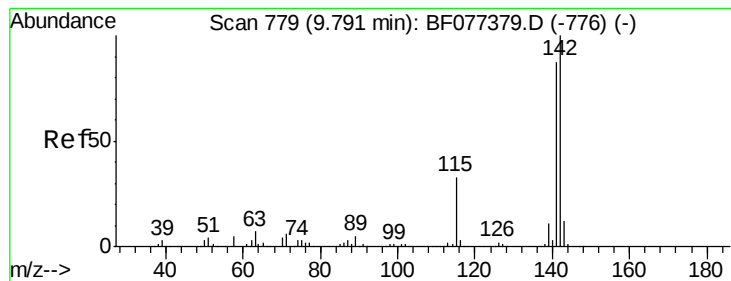
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#31
 Naphthalene
 Concen: 27.75 ng
 RT: 8.87 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077487.D
 Acq: 27 Feb 2015 3:35

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.8	10.6	15.8





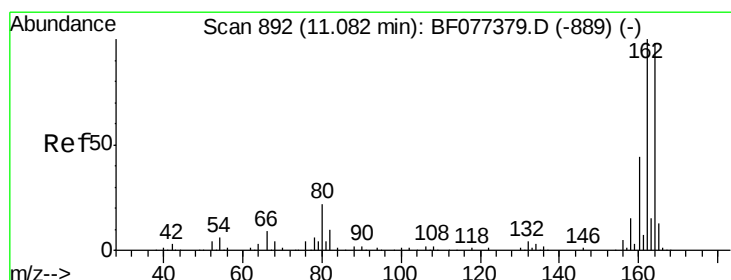
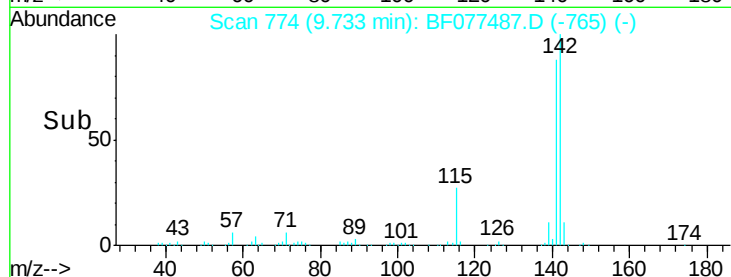
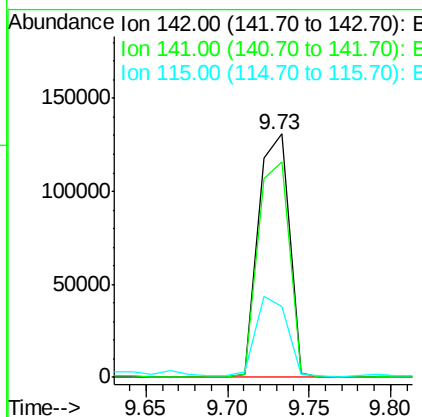
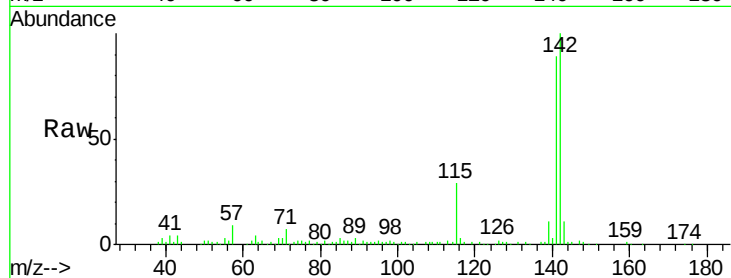
#37
 2-Methylnaphthalene
 Concen: 16.03 ng
 RT: 9.73 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF077487.D
 Acq: 27 Feb 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.7	106.1
115	29.2	24.2	36.4

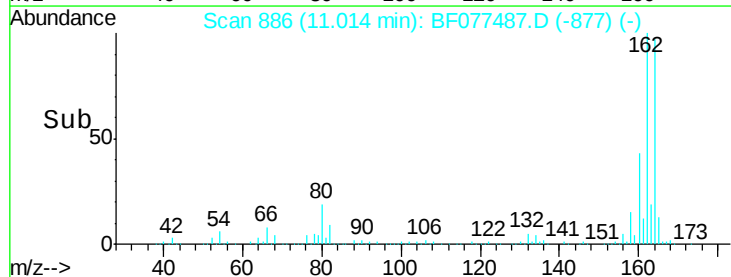
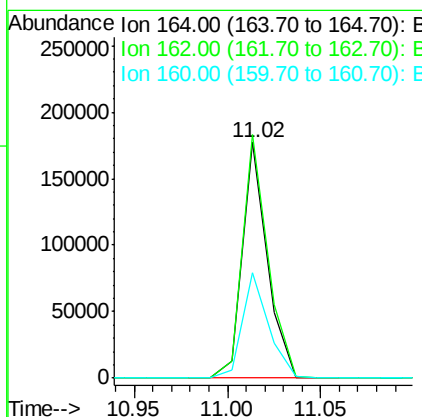
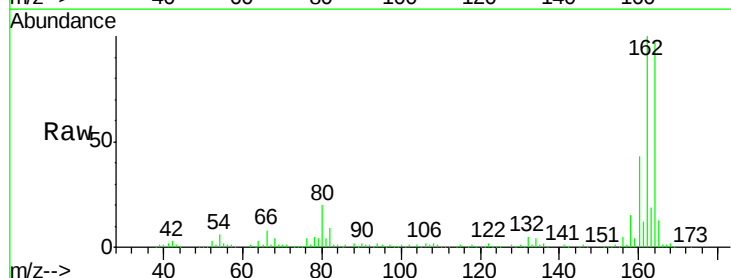
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF077487.D
 Acq: 27 Feb 2015 3:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.2	124.8
160	44.5	34.6	52.0





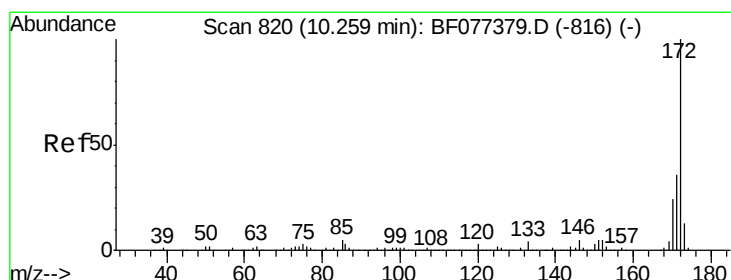
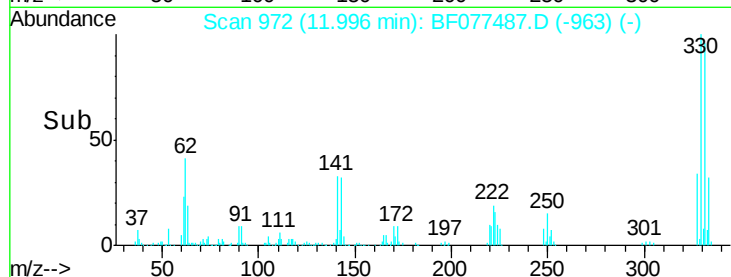
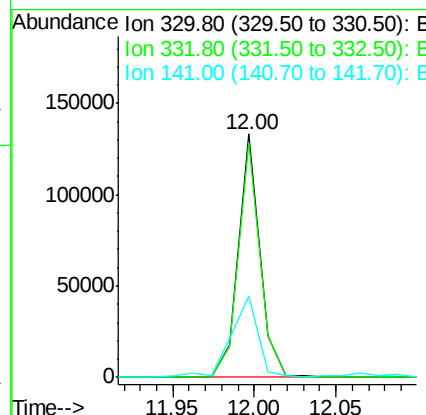
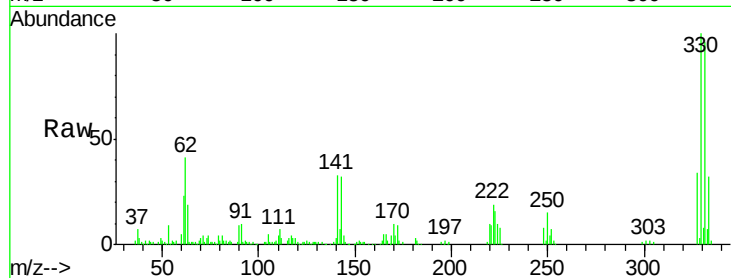
#41
 2,4,6-Tribromophenol
 Concen: 76.31 ng
 RT: 12.00 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF077487.D
 Acq: 27 Feb 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	120865		
332	96.4	77.4	116.2	
141	40.0	28.8	43.2	

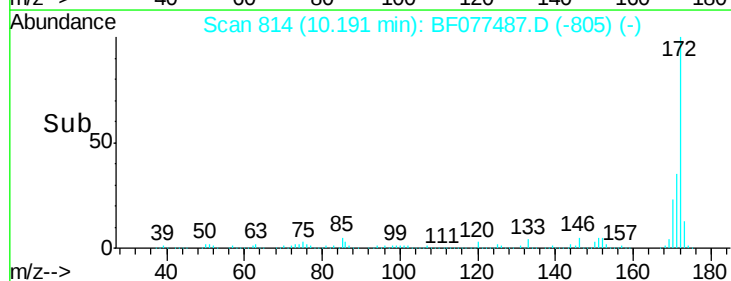
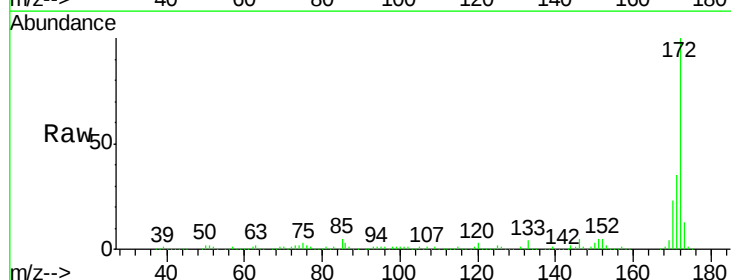
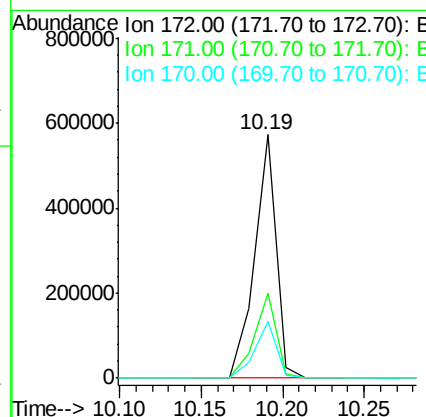
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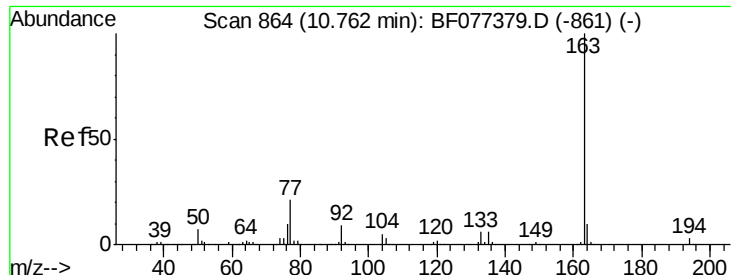
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#44
 2-Fluorobiphenyl
 Concen: 49.64 ng
 RT: 10.19 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF077487.D
 Acq: 27 Feb 2015 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	523669		
171	35.1	28.9	43.3	
170	23.4	19.4	29.2	





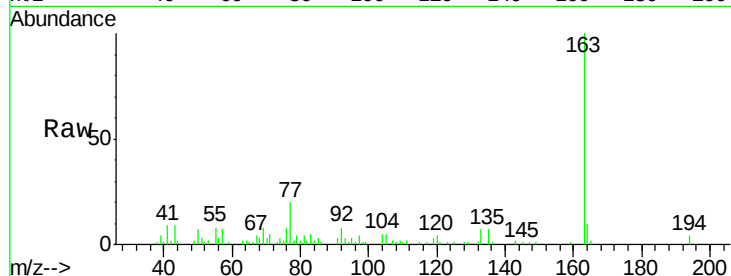
#49
Dimethylphthalate
Concen: 2.54 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077487.D
Acq: 27 Feb 2015 3:35

Instrument :
BNA_F
ClientSampleId :
B-11-D910

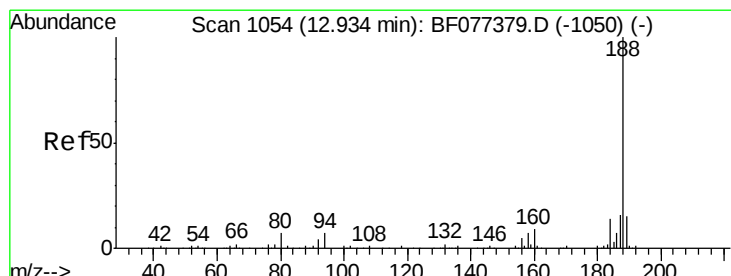
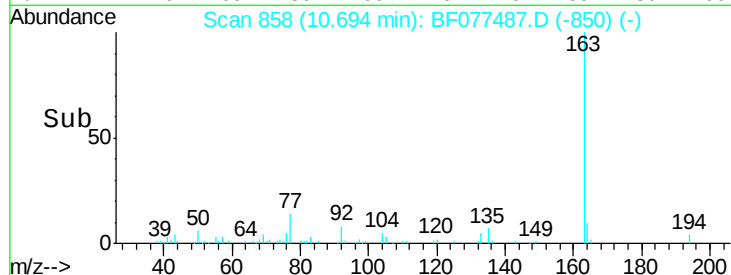
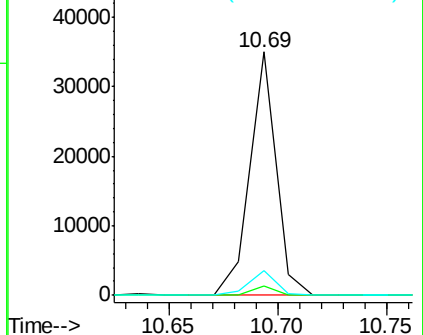
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	29348		
194	3.9	2.6	4.0	
164	10.1	8.6	13.0	

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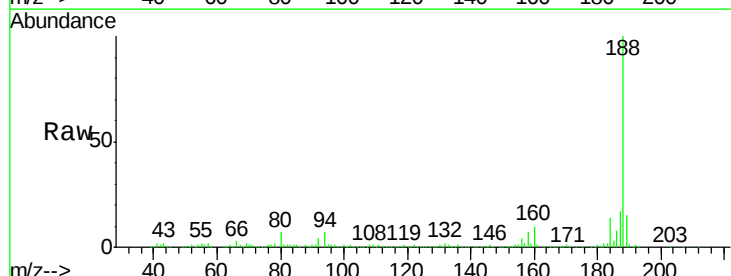


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

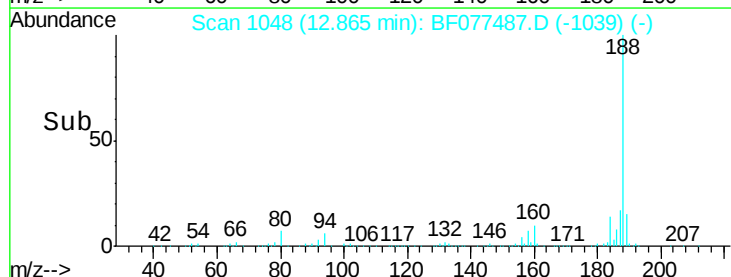
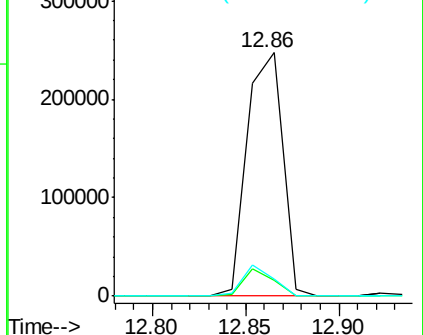


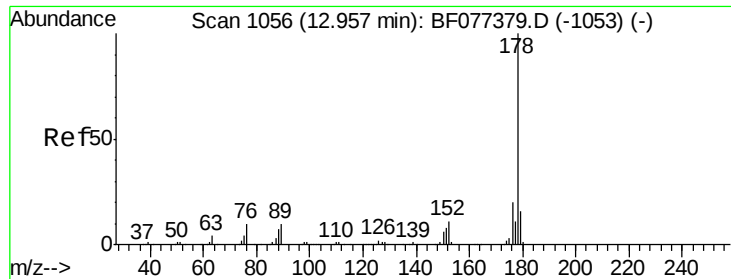
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.86 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF077487.D
Acq: 27 Feb 2015 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	327697		
94	6.7	7.4	11.2#	
80	6.9	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





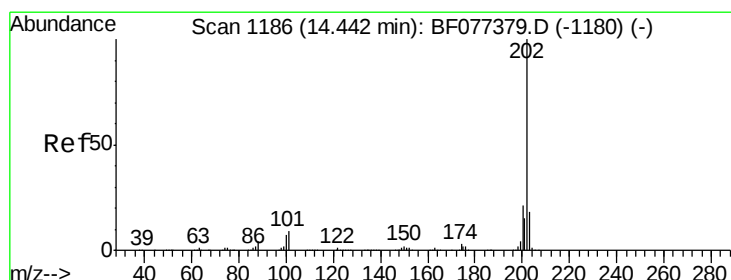
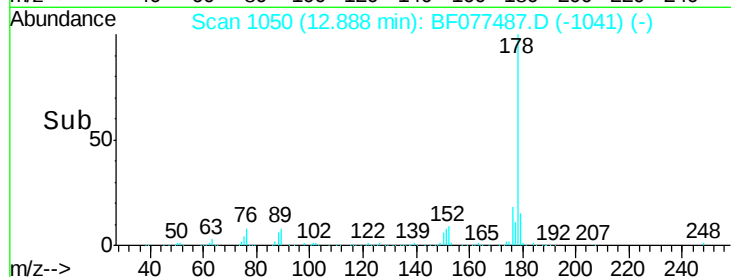
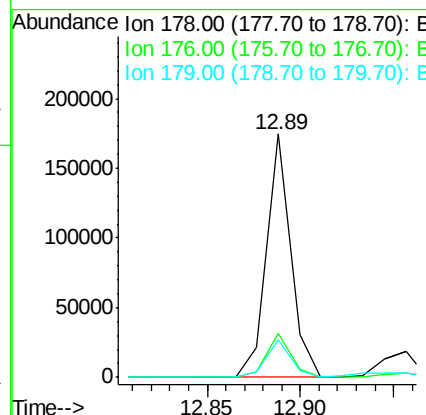
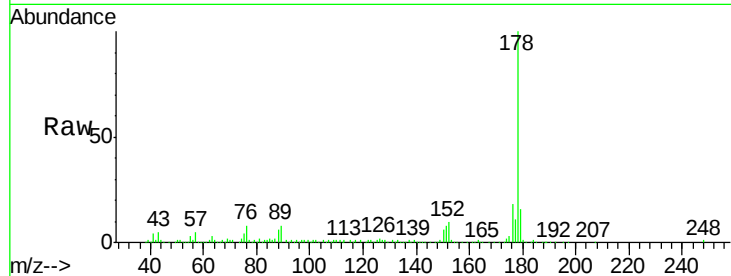
#70
Phenanthrene
Concen: 8.26 ng
RT: 12.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF077487.D
Acq: 27 Feb 2015 3:35

Instrument :
BNA_F
ClientSampleId :
B-11-D910

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.5	23.3
179	15.6	12.2	18.2

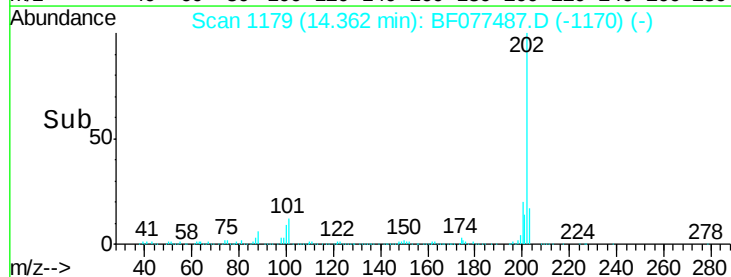
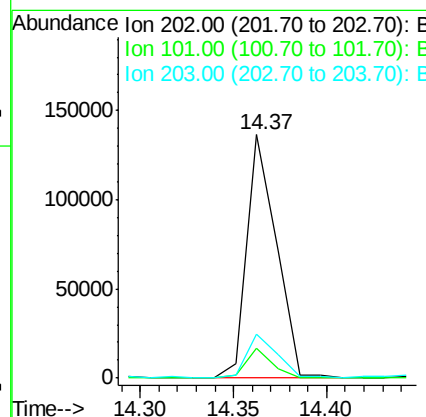
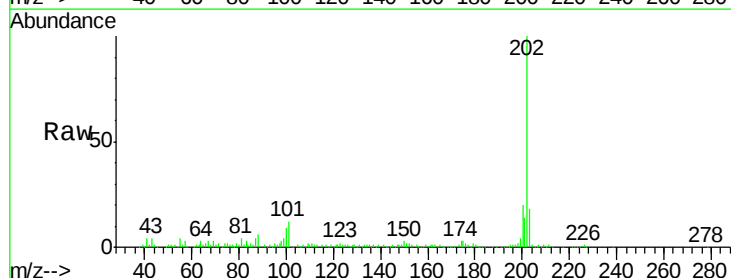
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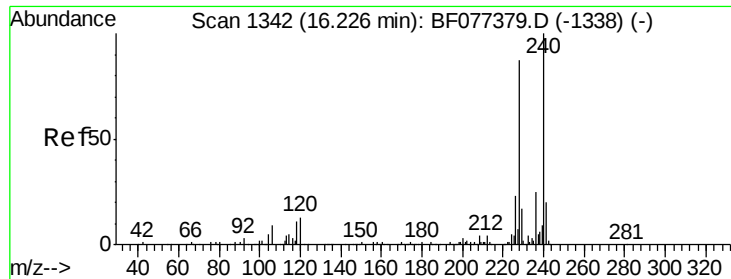
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#74
Fluoranthene
Concen: 7.28 ng
RT: 14.37 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF077487.D
Acq: 27 Feb 2015 3:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.8
203	17.9	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF077487.D

Acq: 27 Feb 2015 3:35

Instrument :

BNA_F

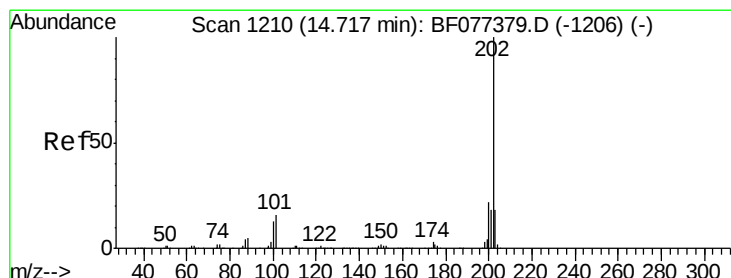
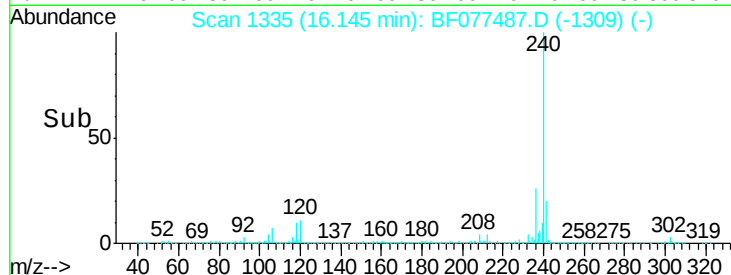
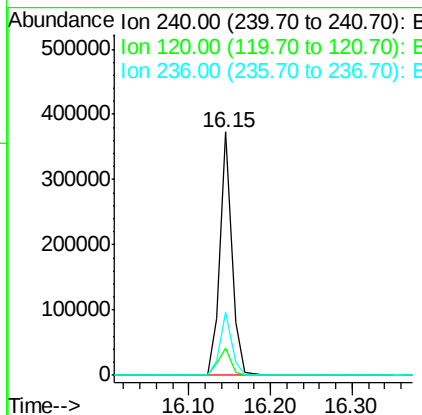
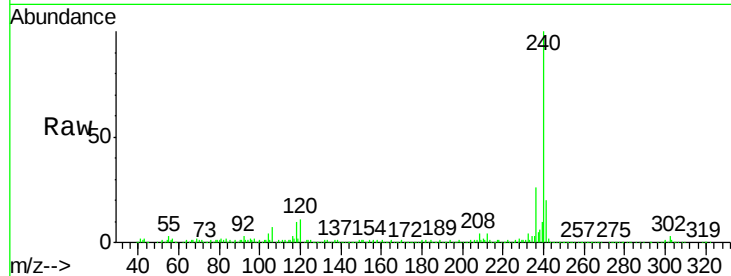
ClientSampleId :

B-11-D910

Tgt	Ion	240	Resp:	376547
Ion	Ratio	Lower	Upper	
240	100			
120	11.2	8.8	13.2	
236	25.8	20.7	31.1	

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#77

Pyrene

Concen: 5.03 ng

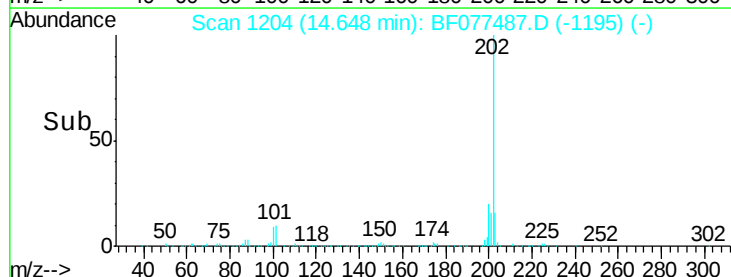
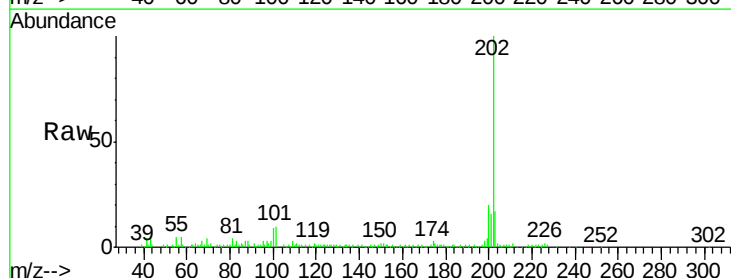
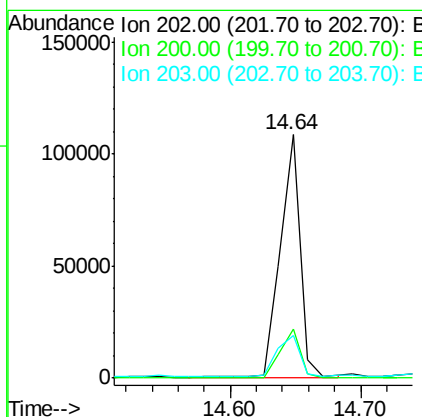
RT: 14.64 min Scan# 1204

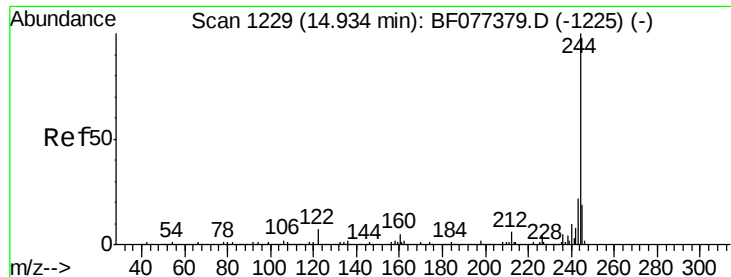
Delta R.T. -0.00 min

Lab File: BF077487.D

Acq: 27 Feb 2015 3:35

Tgt	Ion	202	Resp:	115840
Ion	Ratio	Lower	Upper	
202	100			
200	20.1	17.1	25.7	
203	17.3	14.2	21.2	





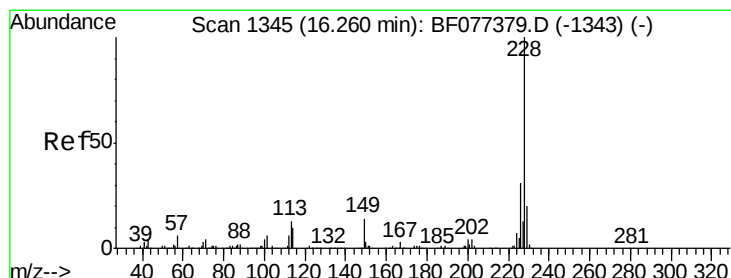
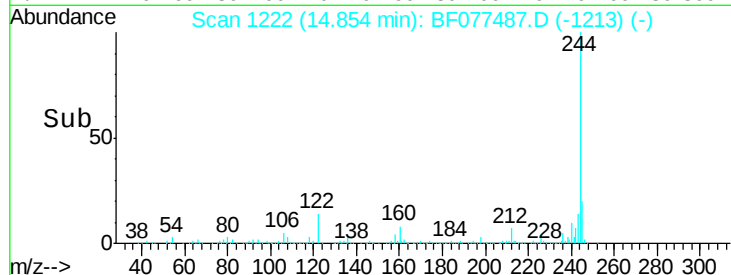
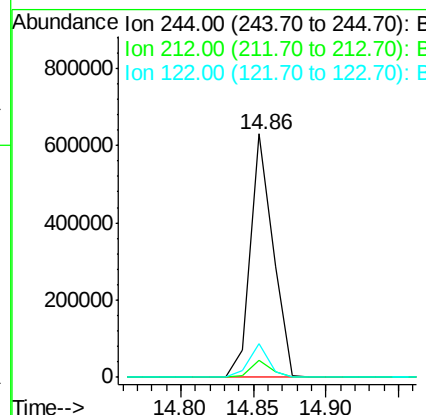
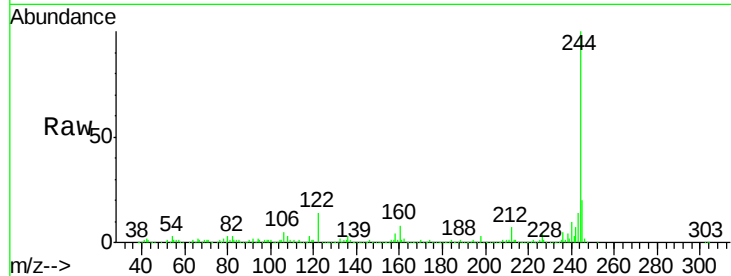
#78
 Terphenyl-d14
 Concen: 42.18 ng
 RT: 14.86 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077487.D
 Acq: 27 Feb 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	13.7	7.8	11.8#

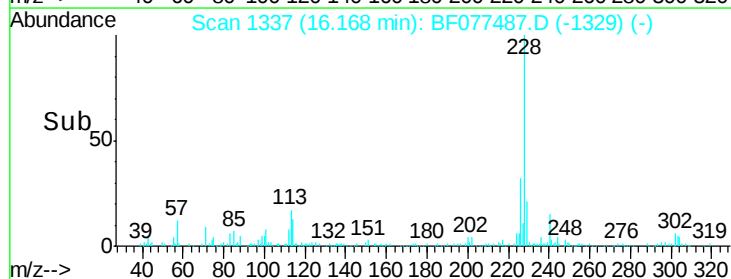
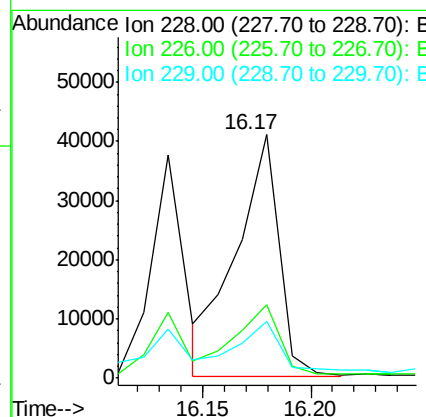
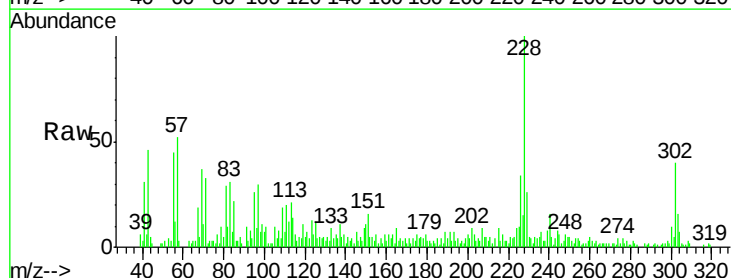
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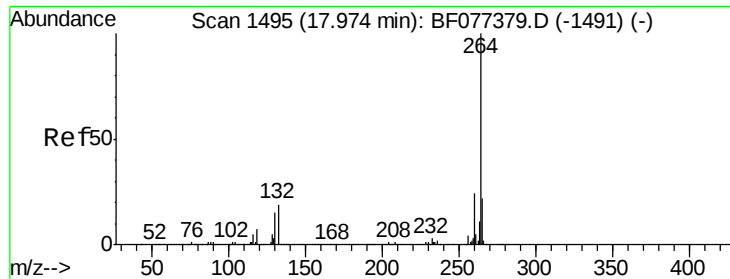
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#82
 Chrysene
 Concen: 2.73 ng m
 RT: 16.17 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF077487.D
 Acq: 27 Feb 2015 3:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	24.9	37.3
229	25.6	16.4	24.6#





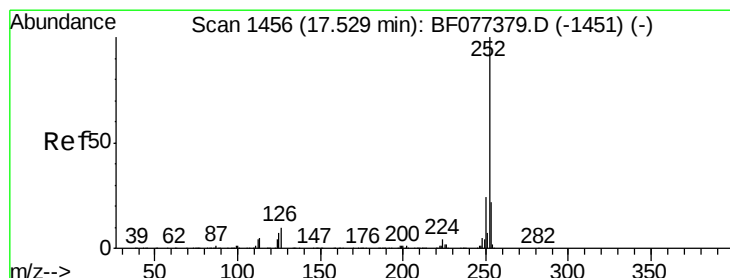
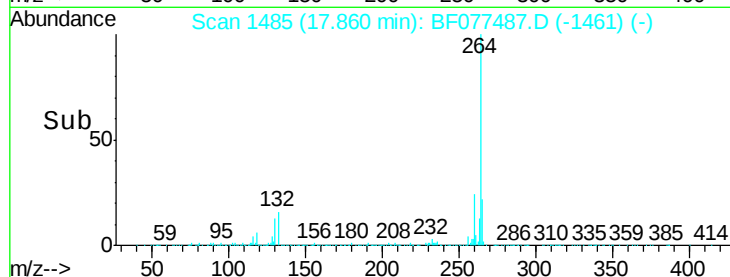
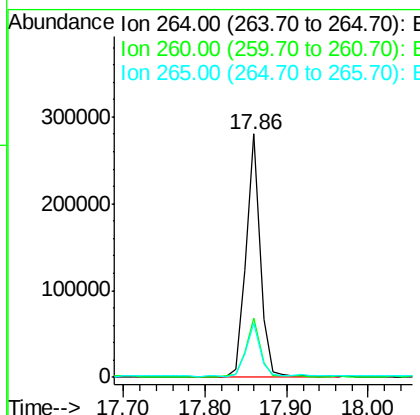
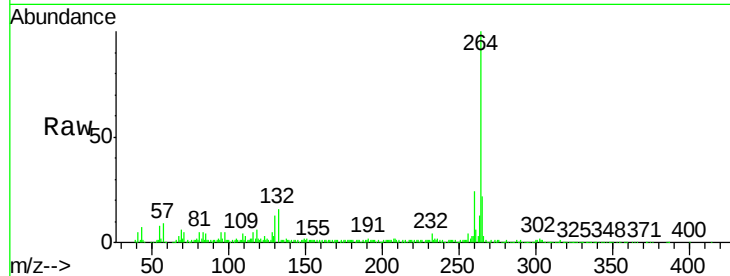
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.86 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BF077487.D
Acq: 27 Feb 2015 3:35

Instrument :
BNA_F
ClientSampleId :
B-11-D910

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.2	19.3	28.9
265	22.4	16.8	25.2

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 3.12 ng
RT: 17.43 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077487.D
Acq: 27 Feb 2015 3:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	31.1	17.6	26.4#
125	34.0	5.4	8.2#

