

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077537.D
 Acq On : 2 Mar 2015 22:15
 Operator : TP/IZ
 Sample : G1399-13
 Misc : S
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB7

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Quant Time: Mar 03 04:38:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	80662	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	311484	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	163349	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	324564	20.00	ng	0.00
75) Chrysene-d12	16.14	240	366408	20.00	ng	0.00
86) Perylene-d12	17.86	264	320794	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	360657	74.64	ng	0.00
7) Phenol-d6	6.82	99	455352	73.30	ng	0.00
23) Nitrobenzene-d5	7.95	82	262334	52.37	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	119339	75.87	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	572193	54.62	ng	0.00
78) Terphenyl-d14	14.85	244	752237	47.99	ng	0.00
Target Compounds						Qvalue
74) Fluoranthene	14.36	202	81759	3.98	ng	99
77) Pyrene	14.64	202	97830	4.36	ng	97
80) Benzo(a)anthracene	16.13	228	61766	2.88	ng	93
82) Chrysene	16.17	228	61286m	3.04	ng	
87) Benzo(b)fluoranthene	17.43	252	90974m	4.88	ng	
89) Benzo(a)pyrene	17.79	252	55810	3.14	ng	# 97
91) Benzo(g,h,i)perylene	19.74	276	39806	2.33	ng	99

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

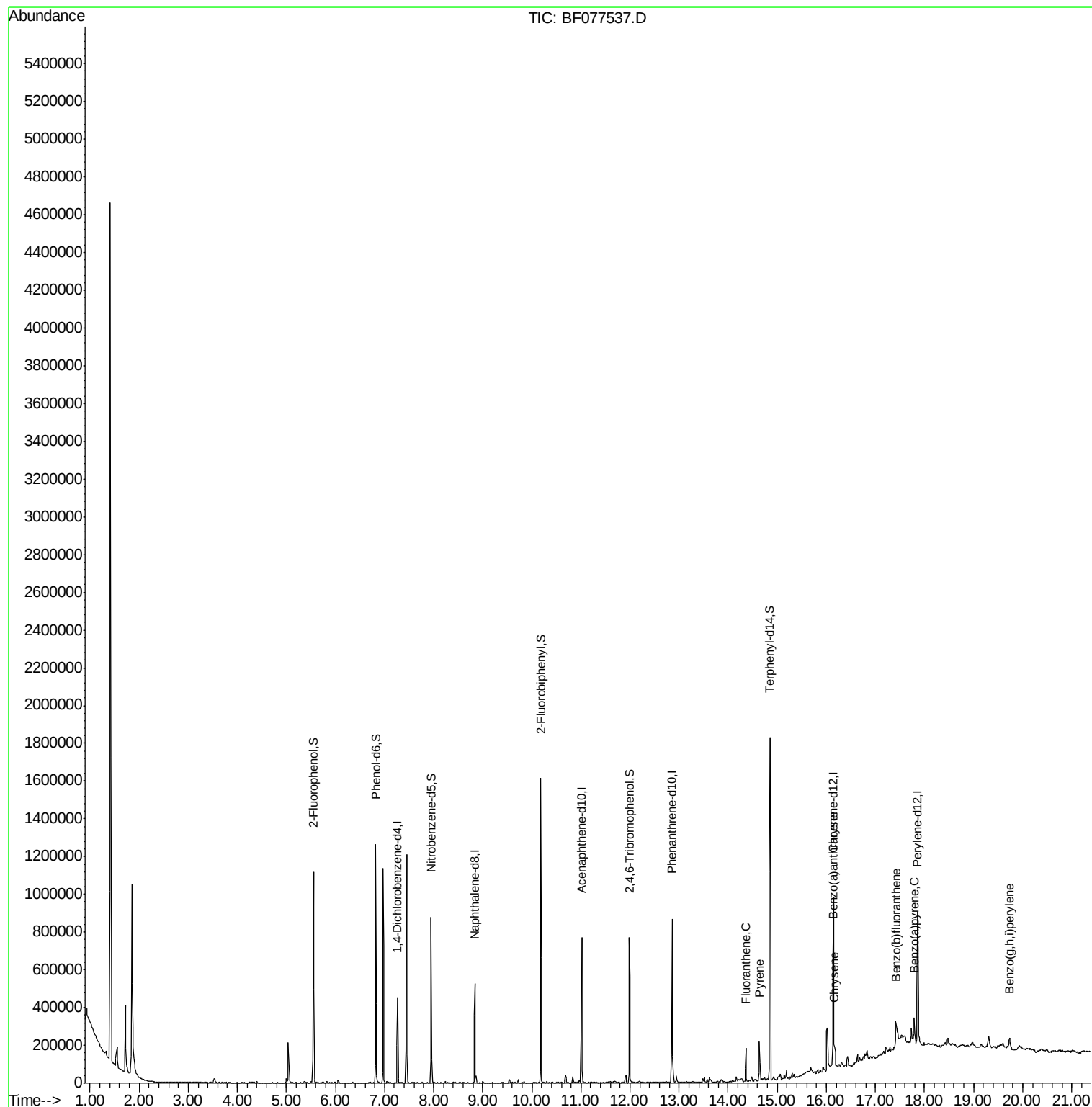
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077537.D
Acq On : 2 Mar 2015 22:15
Operator : TP/IZ
Sample : G1399-13
Misc : S
ALS Vial : 18 Sample Multiplier: 1

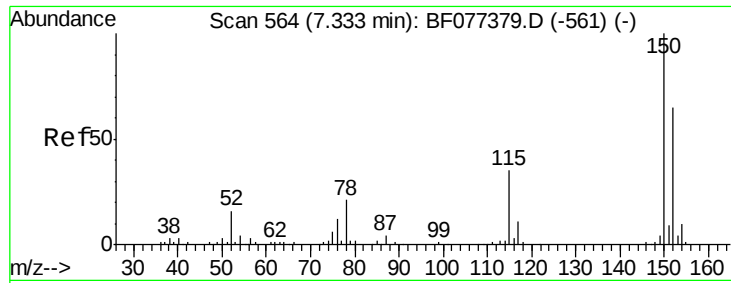
Instrument :
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Quant Time: Mar 03 04:38:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

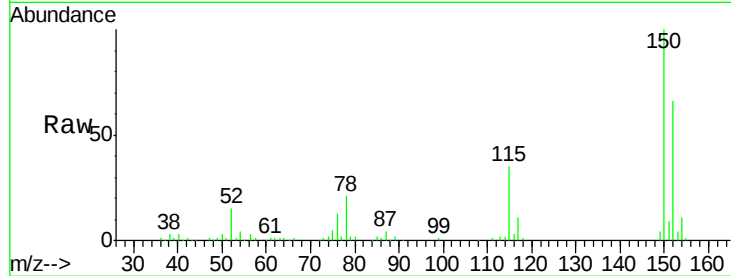
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077537.D
Acq: 2 Mar 2015 22:15

Instrument :
BNA_F
ClientSampleId :
SB7

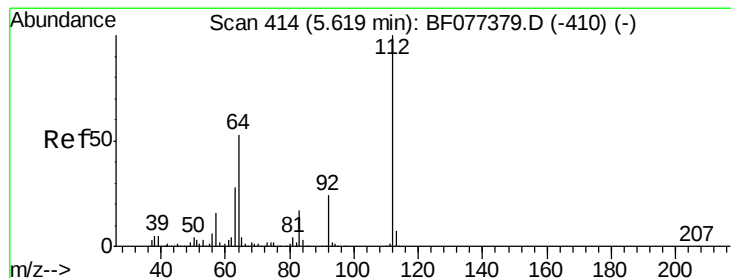
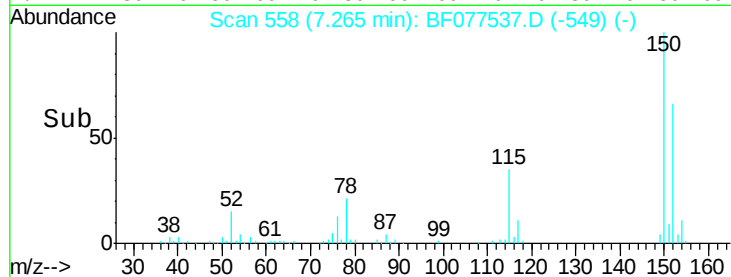
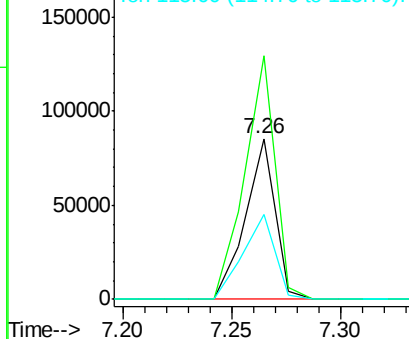
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.0	186.0
115	53.1	49.4	74.2

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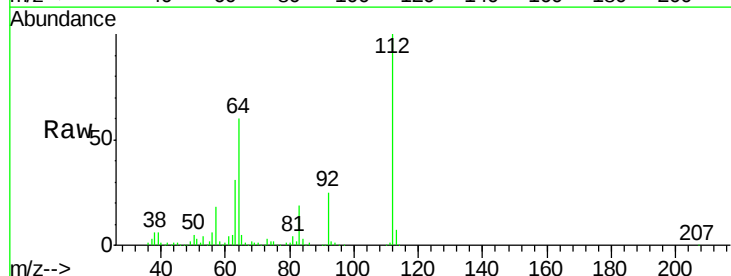
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



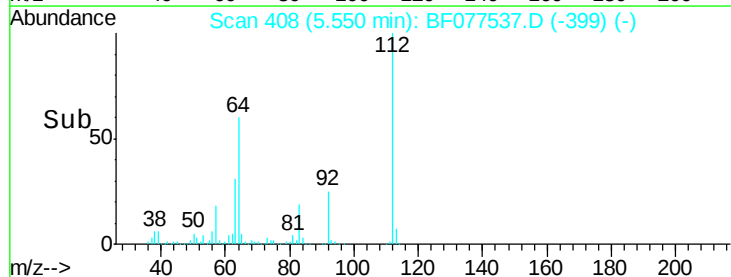
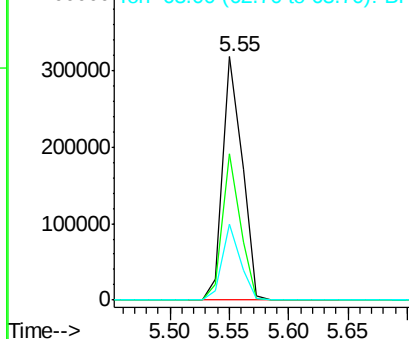
#5

2-Fluorophenol
Concen: 74.64 ng
RT: 5.55 min Scan# 408
Delta R.T. 0.01 min
Lab File: BF077537.D
Acq: 2 Mar 2015 22:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	48.5	72.7
63	31.4	25.0	37.4



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: 73.30 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF077537.D

Acq: 2 Mar 2015 22:15

Instrument :

BNA_F

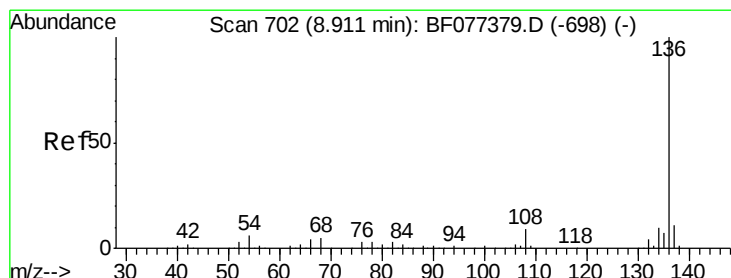
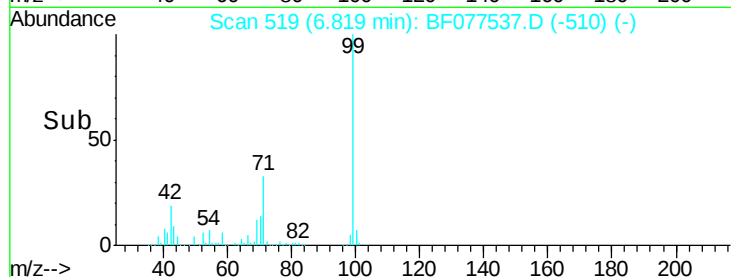
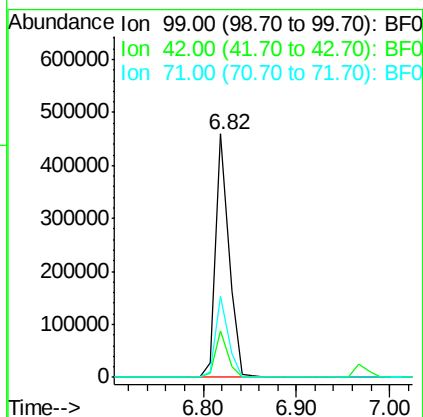
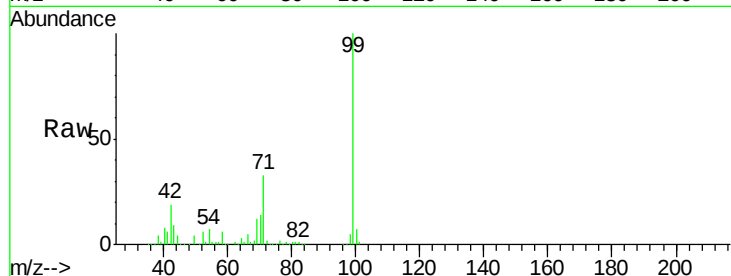
ClientSampleId :

SB7

Tgt Ion:	99	Resp:	455352
Ion Ratio	Lower	Upper	
99	100		
42	19.1	16.2	24.4
71	33.4	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

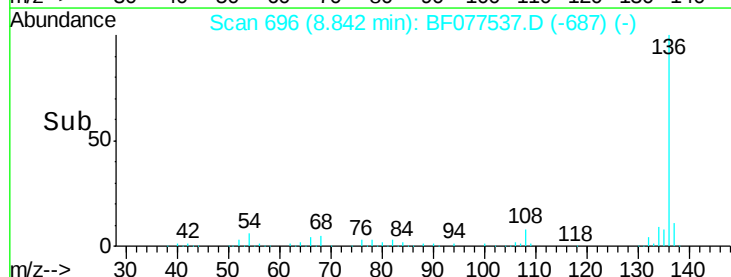
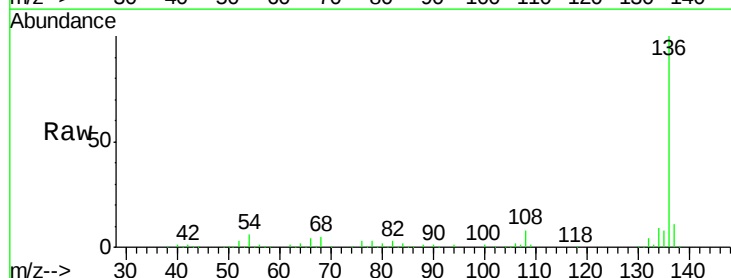
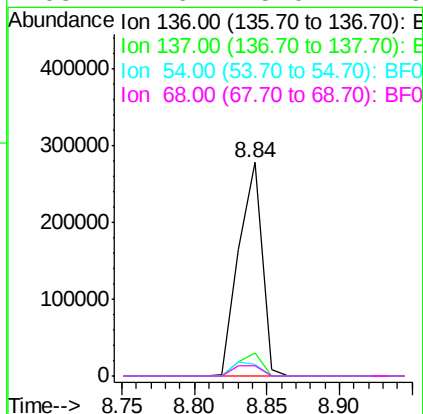
RT: 8.84 min Scan# 696

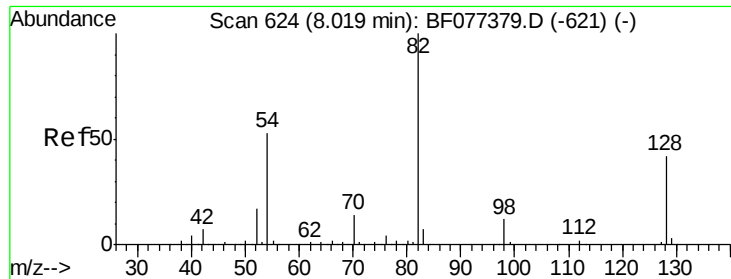
Delta R.T. 0.00 min

Lab File: BF077537.D

Acq: 2 Mar 2015 22:15

Tgt Ion:	136	Resp:	311484
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	5.6	6.2	9.4#
68	4.6	5.0	7.6#





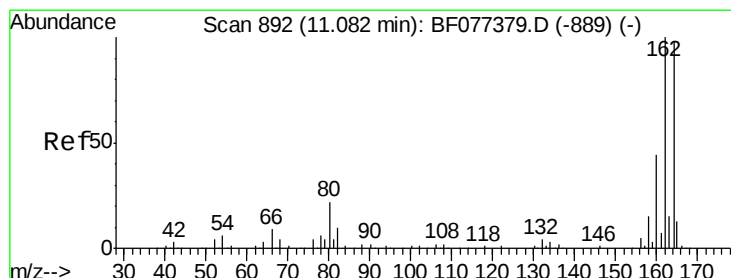
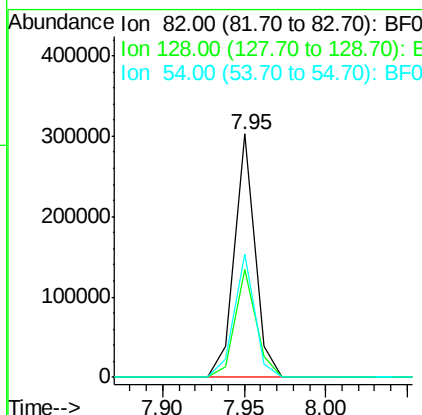
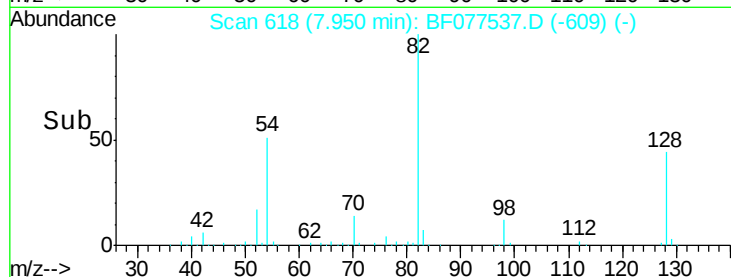
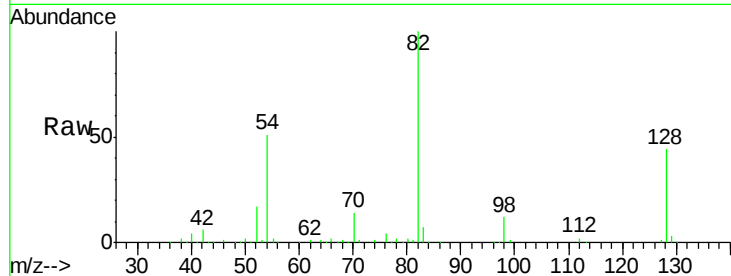
#23
 Nitrobenzene-d5
 Concen: 52.37 ng
 RT: 7.95 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF077537.D
 Acq: 2 Mar 2015 22:15

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	262334		
128	44.4	43.8	65.8	
54	50.6	36.7	55.1	

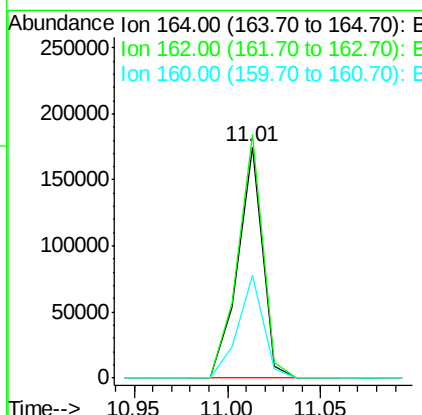
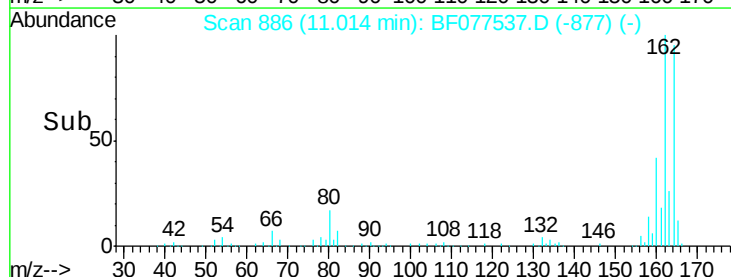
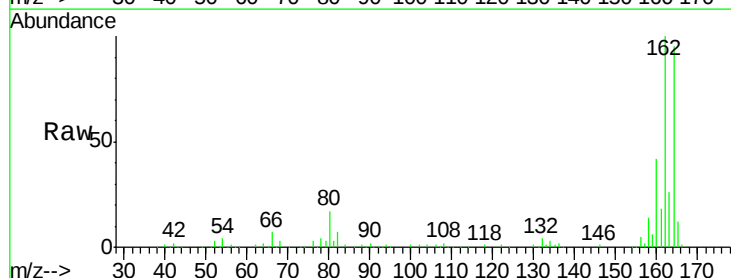
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF077537.D
 Acq: 2 Mar 2015 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	163349		
162	105.3	83.2	124.8	
160	44.6	34.6	52.0	





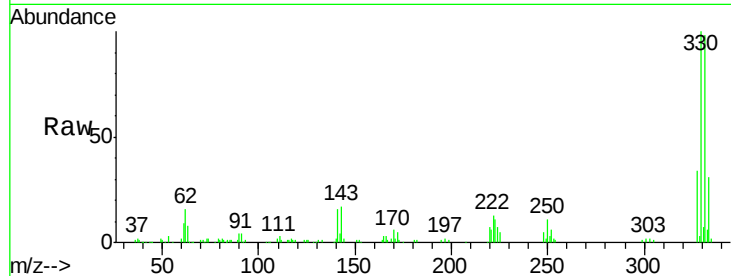
#41
 2,4,6-Tribromophenol
 Concen: 75.87 ng
 RT: 11.99 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF077537.D
 Acq: 2 Mar 2015 22:15

Instrument :
 BNA_F
 ClientSampled :
 SB7

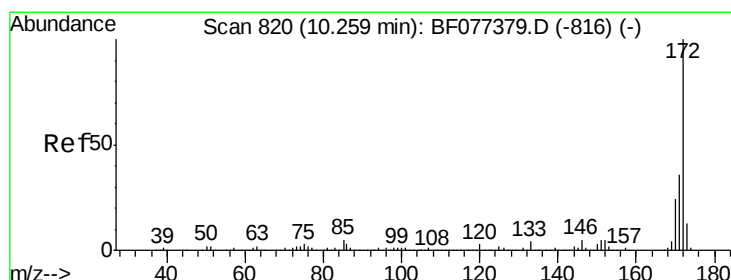
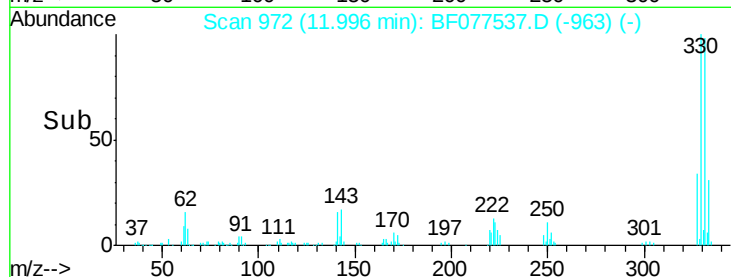
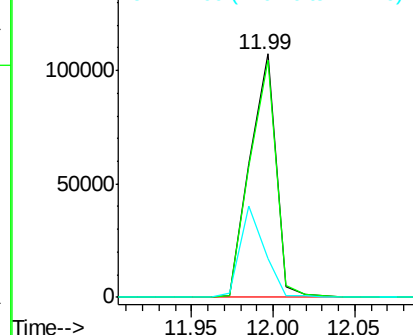
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	119339		
332	98.1	77.4	116.2	
141	35.4	28.8	43.2	

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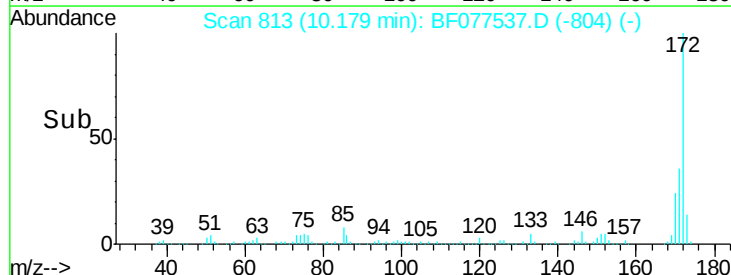
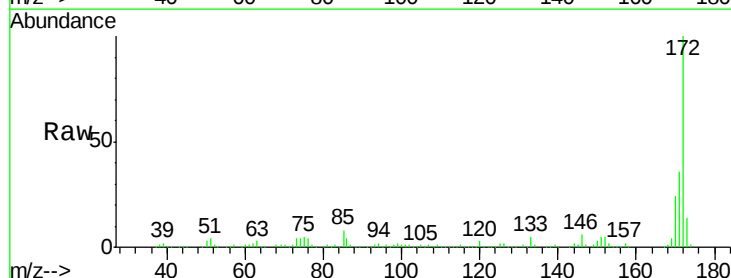
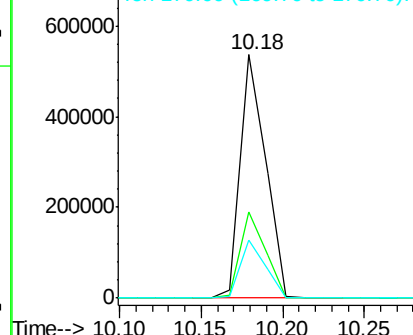
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

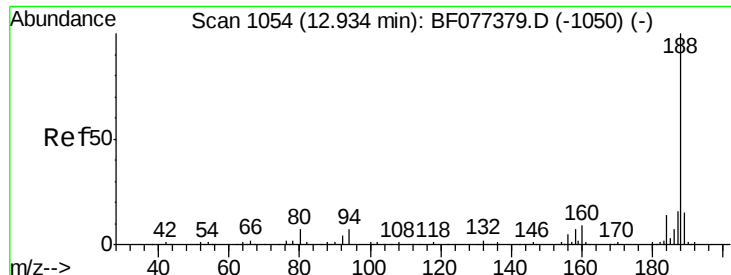


#44
 2-Fluorobiphenyl
 Concen: 54.62 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077537.D
 Acq: 2 Mar 2015 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	572193		
171	35.6	28.9	43.3	
170	23.6	19.4	29.2	

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





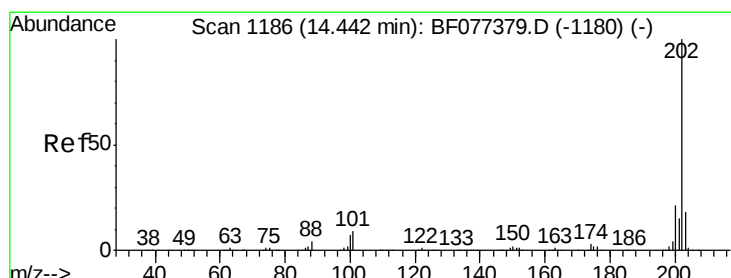
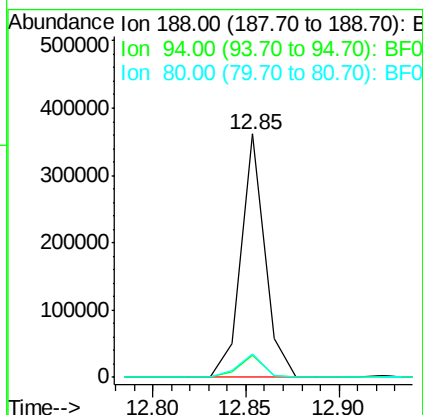
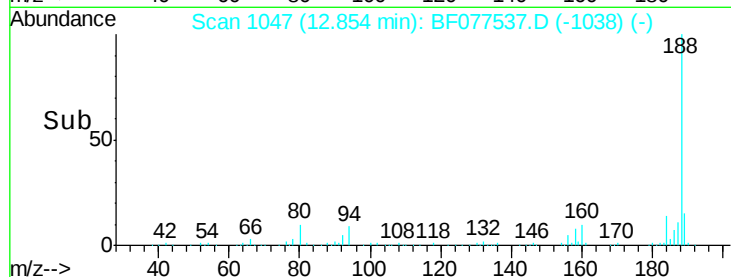
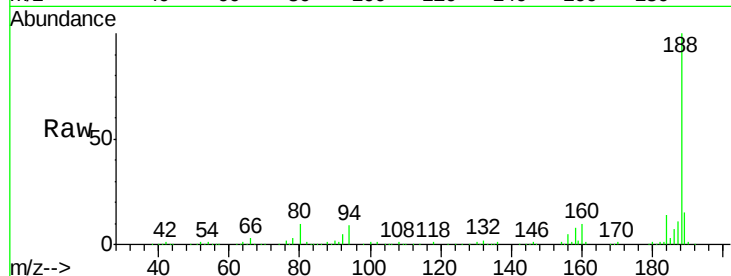
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF077537.D
Acq: 2 Mar 2015 22:15

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	324564		
94	9.1	7.4	11.2	
80	9.9	8.0	12.0	

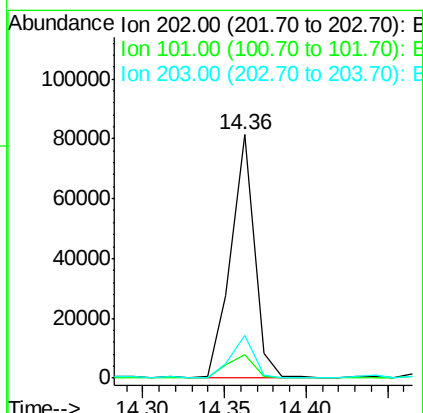
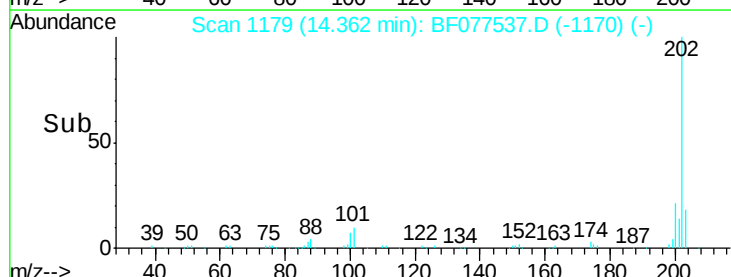
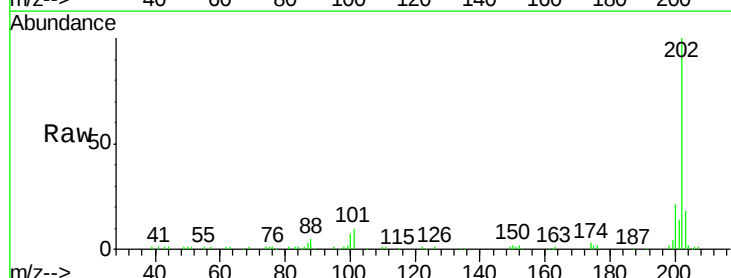
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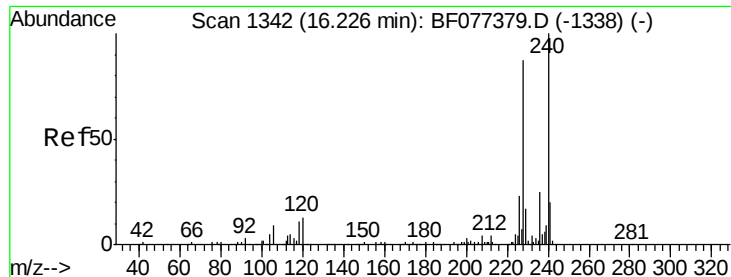
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#74
Fluoranthene
Concen: 3.98 ng
RT: 14.36 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF077537.D
Acq: 2 Mar 2015 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	81759		
101	9.6	0.0	30.8	
203	17.7	0.0	37.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.14 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF077537.D

Acq: 2 Mar 2015 22:15

Instrument :

BNA_F

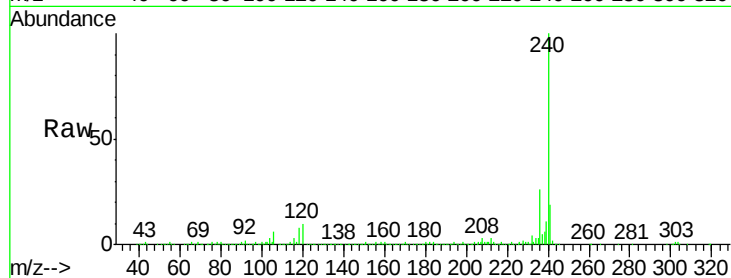
ClientSampleId :

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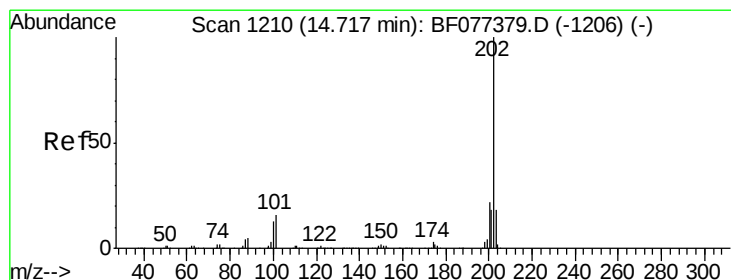
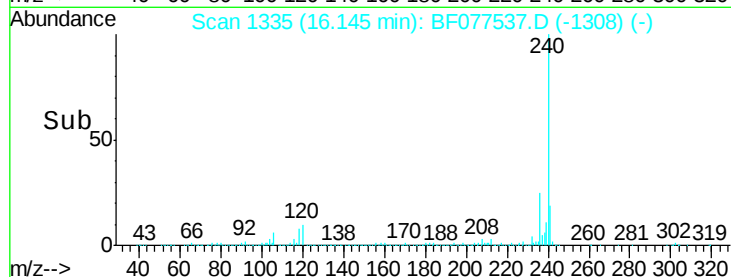
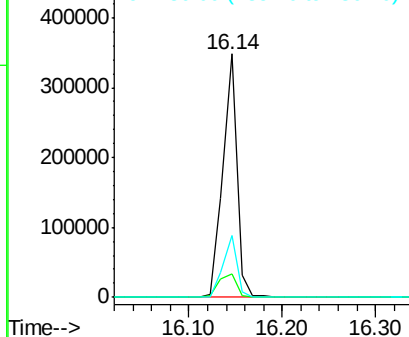
Tgt Ion:	240	Resp:	366408
Ion Ratio		Lower	Upper
240	100		
120	9.6	8.8	13.2
236	25.5	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.36 ng

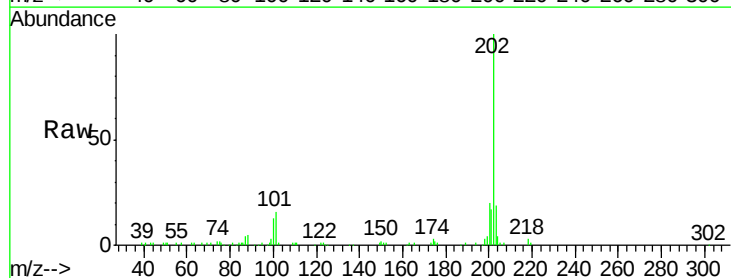
RT: 14.64 min Scan# 1203

Delta R.T. 0.01 min

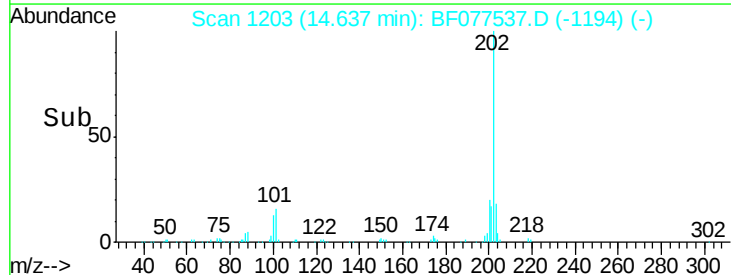
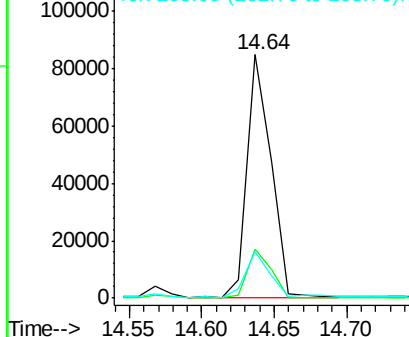
Lab File: BF077537.D

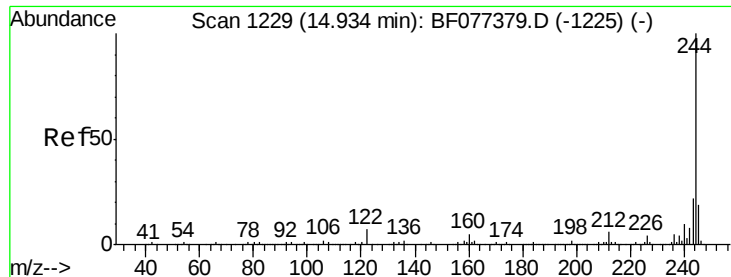
Acq: 2 Mar 2015 22:15

Tgt Ion:	202	Resp:	97830
Ion Ratio		Lower	Upper
202	100		
200	20.3	17.1	25.7
203	19.1	14.2	21.2



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





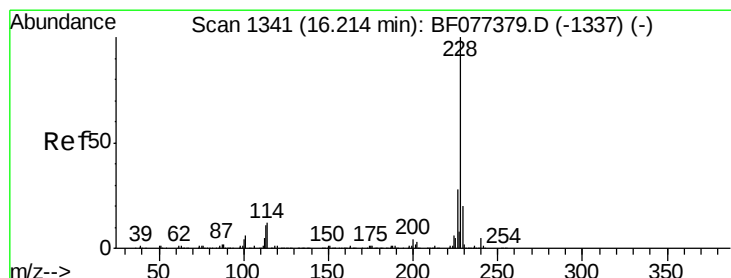
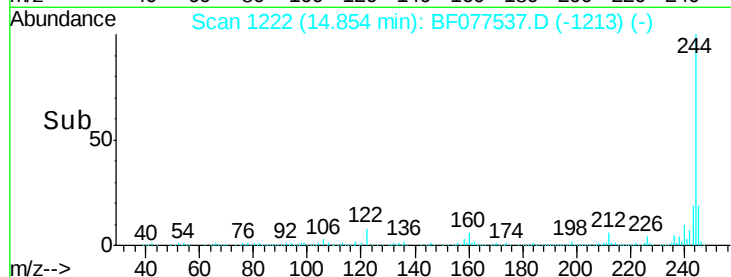
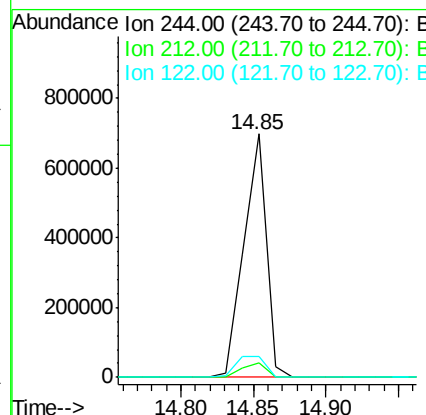
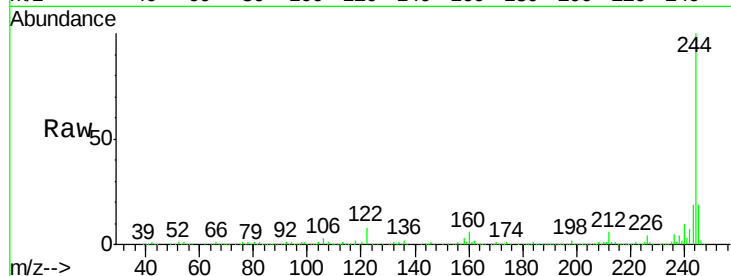
#78
 Terphenyl-d14
 Concen: 47.99 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077537.D
 Acq: 2 Mar 2015 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SB7

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.2	5.2	7.8
122	8.3	7.8	11.8

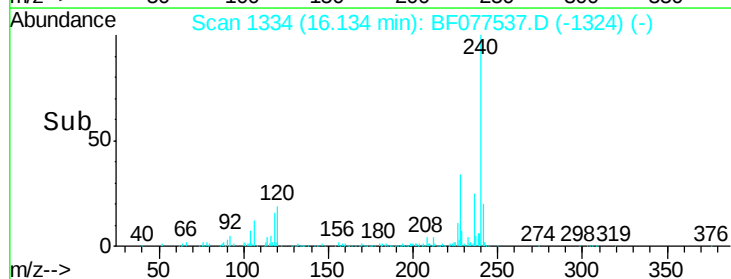
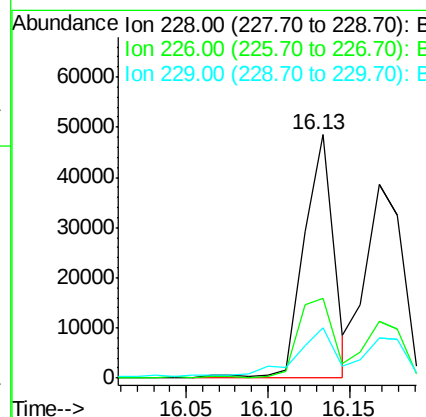
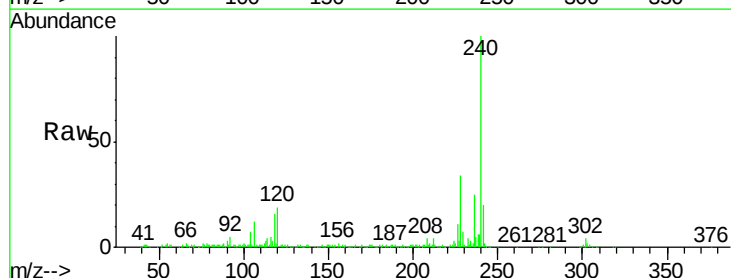
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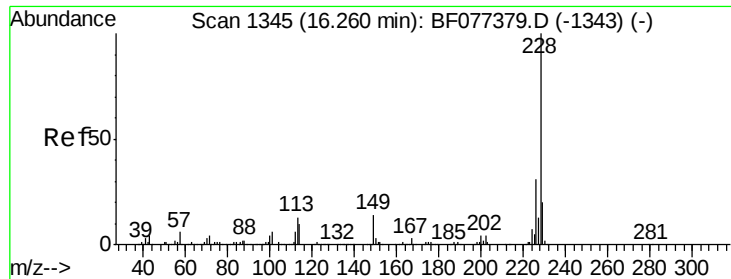
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#80
 Benzo(a)anthracene
 Concen: 2.88 ng
 RT: 16.13 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF077537.D
 Acq: 2 Mar 2015 22:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.9	22.0	33.0
229	20.8	15.8	23.8





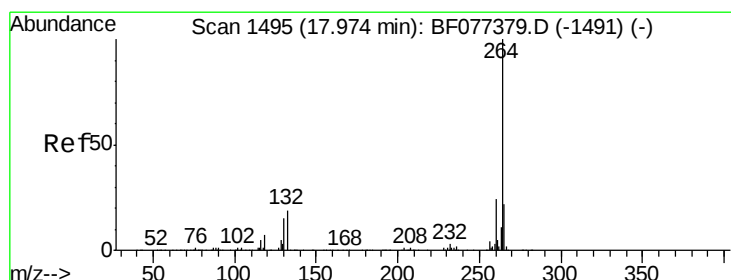
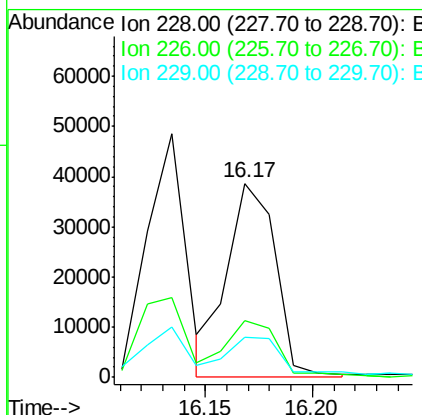
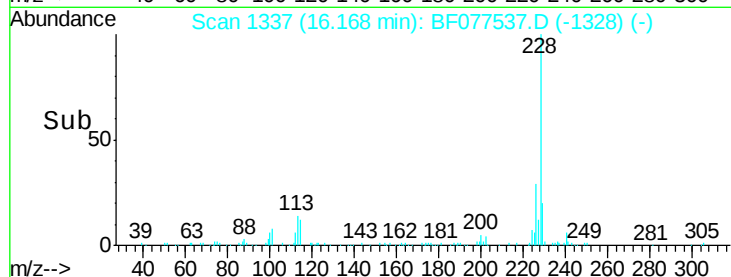
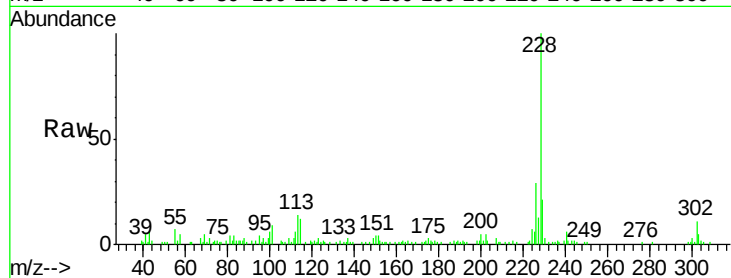
#82
Chrysene
Concen: 3.04 ng m
RT: 16.17 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF077537.D
Acq: 2 Mar 2015 22:15

Instrument :
BNA_F
ClientSampleId :
SB7

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	21.0	16.4	24.6

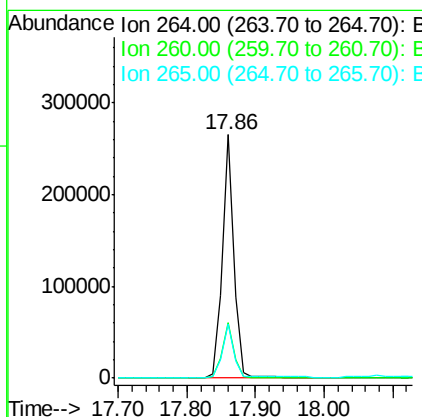
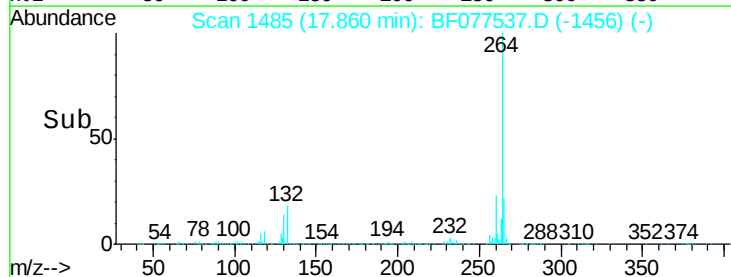
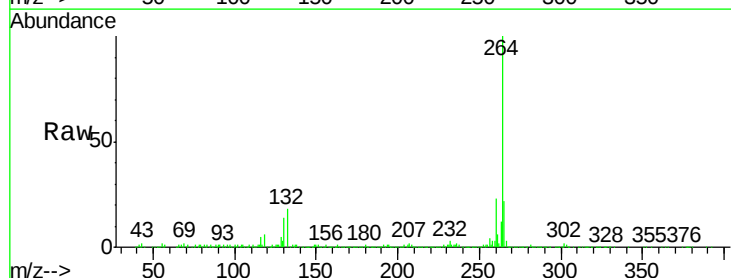
Manual Integrations
APPROVED

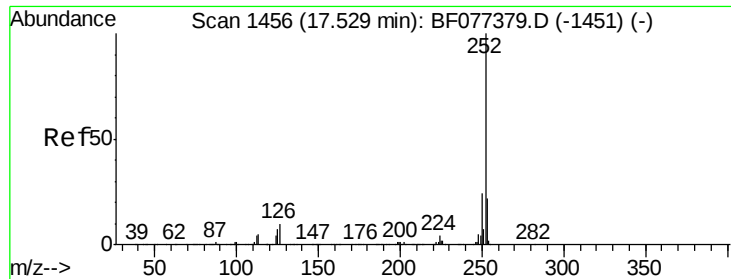
apatel
3/3/2015 6:26:13 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.86 min Scan# 1485
Delta R.T. 0.03 min
Lab File: BF077537.D
Acq: 2 Mar 2015 22:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	22.4	16.8	25.2





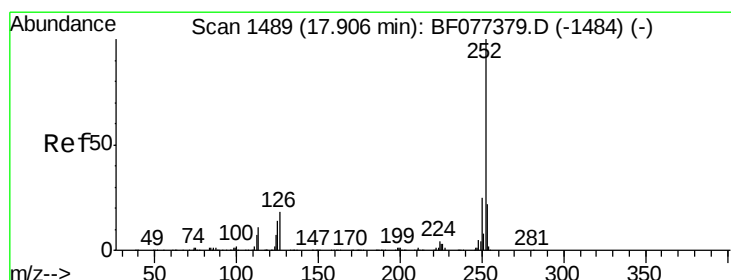
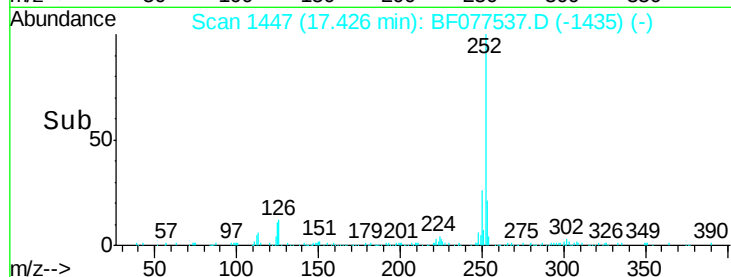
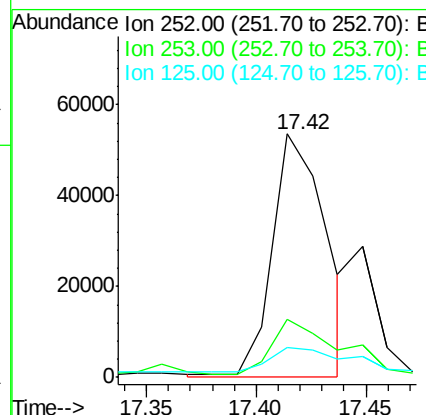
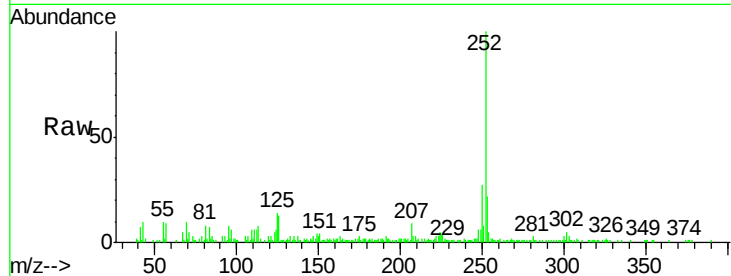
#87
Benzo(b)fluoranthene
Concen: 4.88 ng m
RT: 17.43 min Scan# 1447
Delta R.T. 0.03 min
Lab File: BF077537.D
Acq: 2 Mar 2015 22:15

Instrument :
BNA_F
ClientSampleId :
SB7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	13.8	5.4	8.2#

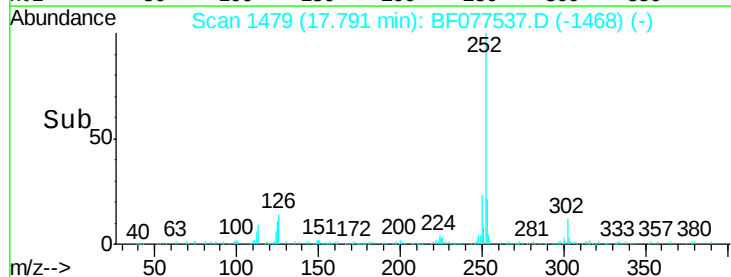
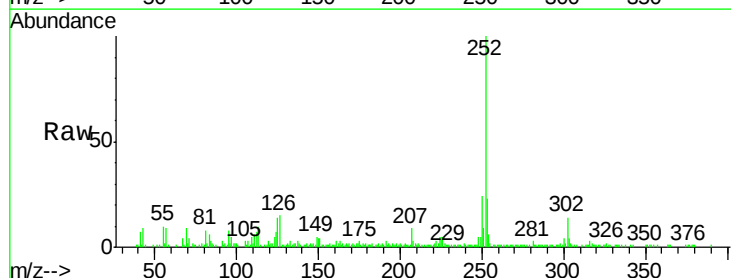
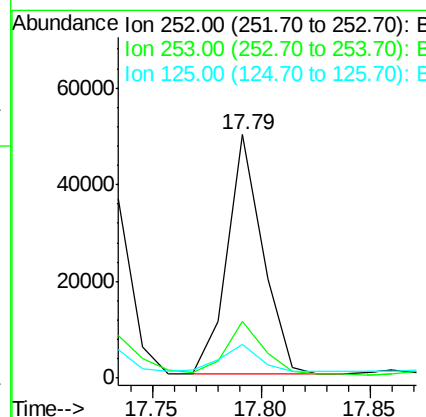
Manual Integrations
APPROVED

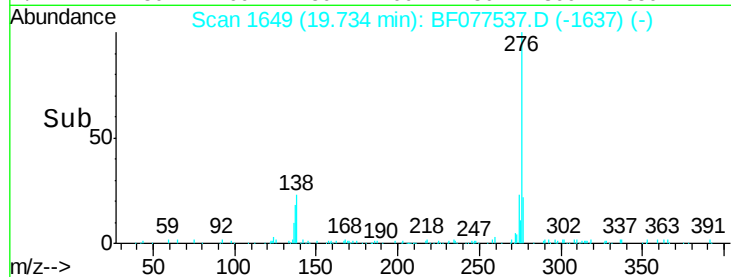
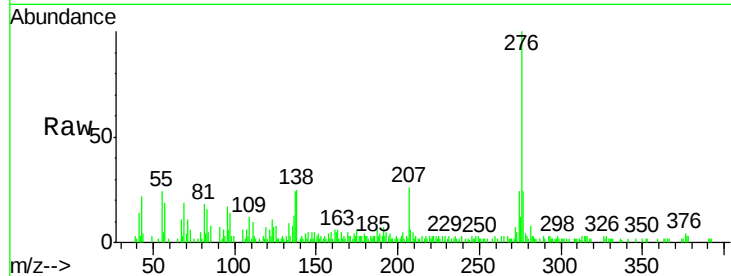
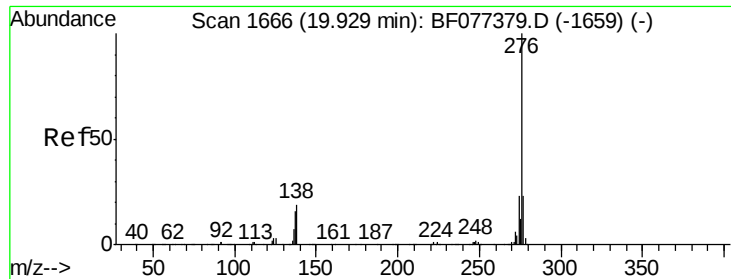
apatel
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#89
Benzo(a)pyrene
Concen: 3.14 ng
RT: 17.79 min Scan# 1479
Delta R.T. 0.03 min
Lab File: BF077537.D
Acq: 2 Mar 2015 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	13.9	8.3	12.5#





#91
Benzo(g,h,i)perylene
Concen: 2.33 ng
RT: 19.74 min Scan# 1649
Delta R.T. 0.03 min
Lab File: BF077537.D
Acq: 2 Mar 2015 22:15

Instrument :
BNA_F
ClientSampleId :
SB7

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	25.0	20.5	30.7

Manual Integrations
APPROVED

apatel
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