

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078688.D
 Acq On : 21 Apr 2015 17:30
 Operator : TP/IZ
 Sample : G1943-03RE 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3RE

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Quant Time: Apr 22 03:15:45 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	25908	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	112322	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	57075	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	111140	20.00	ng	-0.01
75) Chrysene-d12	17.76	240	119028	20.00	ng	-0.02
86) Perylene-d12	19.46	264	119428	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.85	112	5228m	3.33	ng	0.02
7) Phenol-d6	5.34	99	8080	4.10	ng	0.01
23) Nitrobenzene-d5	6.76	82	4538	2.45	ng	0.00
41) 2,4,6-Tribromophenol	12.64	330	2950	6.23	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	14115	3.54	ng	-0.01
78) Terphenyl-d14	16.42	244	21688	4.12	ng	-0.01
Target Compounds						
74) Fluoranthene	15.83	202	27571	4.07	ng	Qvalue 97
77) Pyrene	16.14	202	26389	3.53	ng	# 93
87) Benzo(b)fluoranthene	19.04	252	18823m	2.55	ng	

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

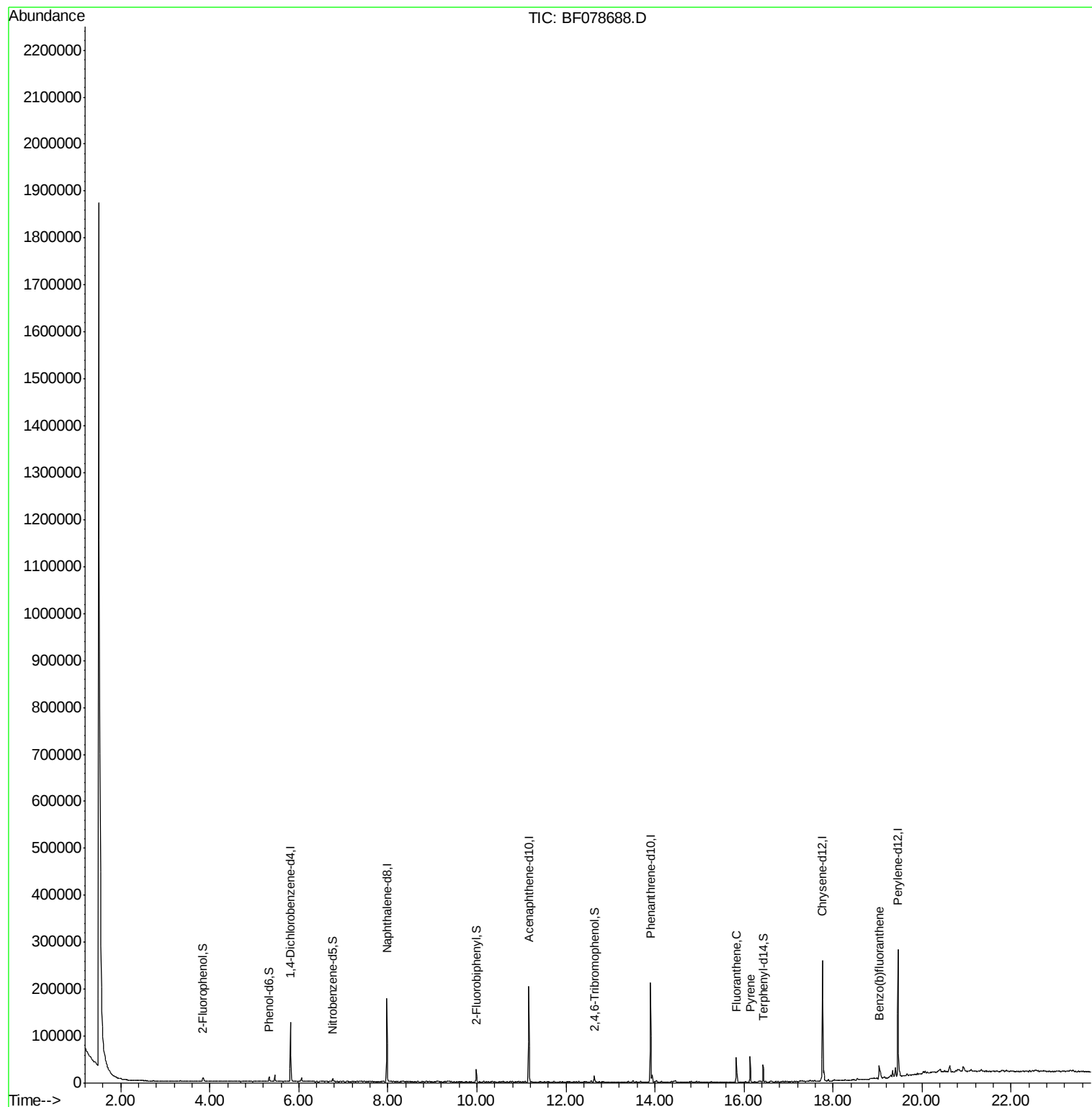
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
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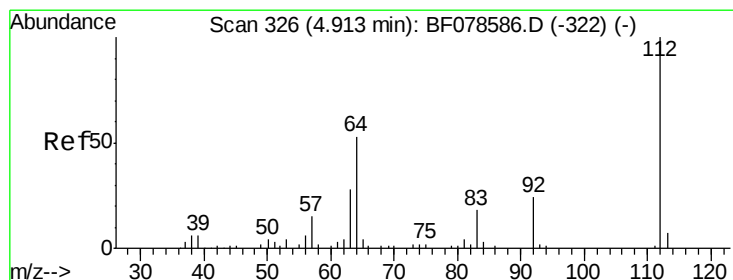
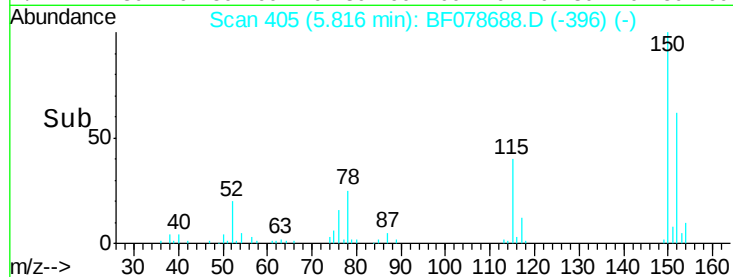
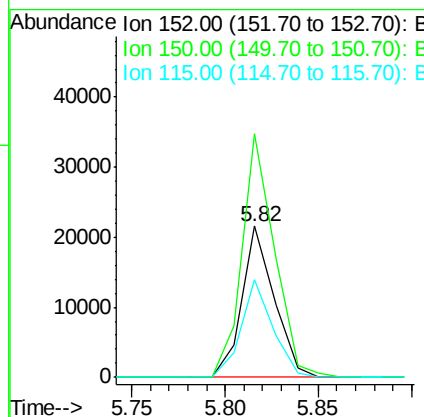
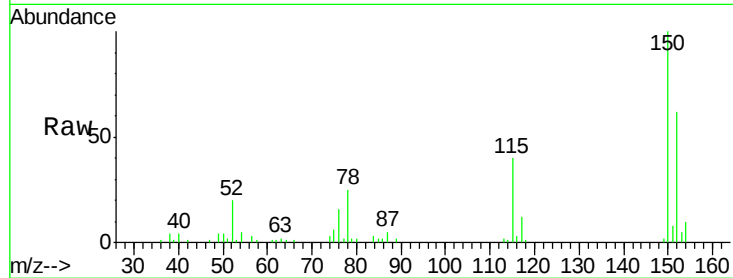
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.82 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	125.9	188.9
115	64.7	52.7	79.1

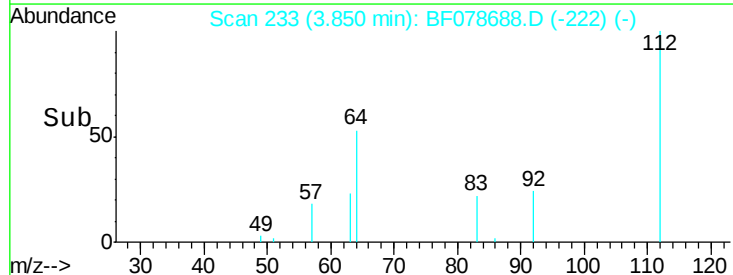
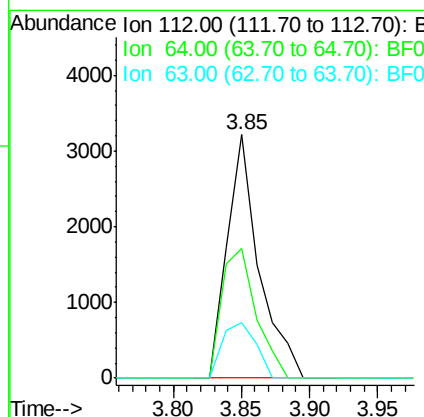
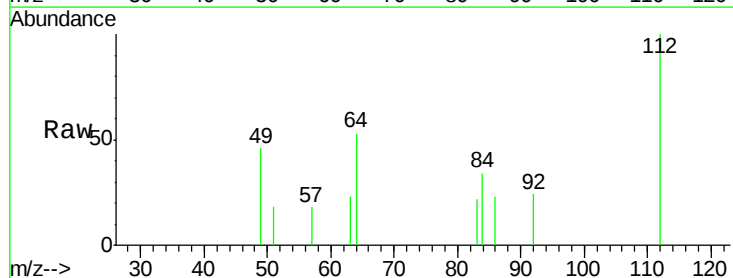
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#5
 2-Fluorophenol
 Concen: 3.33 ng m
 RT: 3.85 min Scan# 233
 Delta R.T. 0.02 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	39.9	59.9
63	22.7	20.2	30.4





#7

Phenol-d6

Concen: 4.10 ng

RT: 5.34 min Scan# 363

Delta R.T. 0.01 min

Lab File: BF078688.D

Acq: 21 Apr 2015 17:30

Instrument :

BNA_F

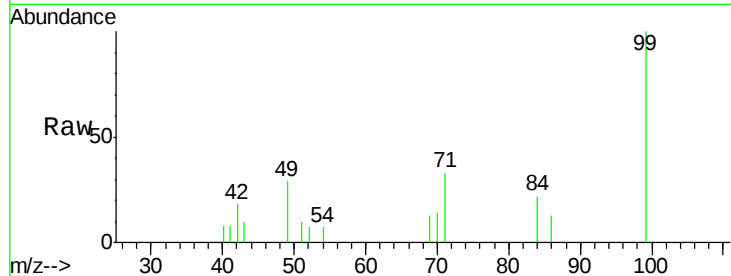
ClientSampleId :

SP-A-3RE

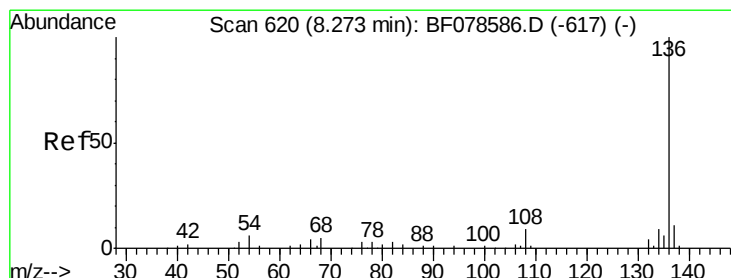
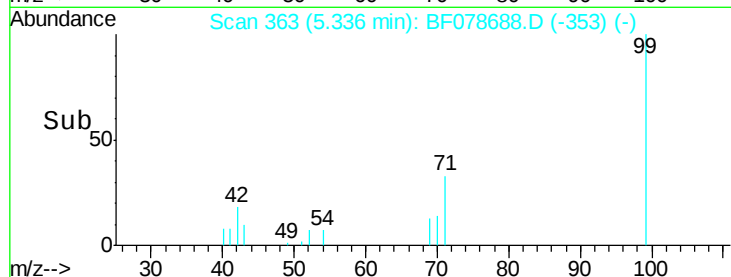
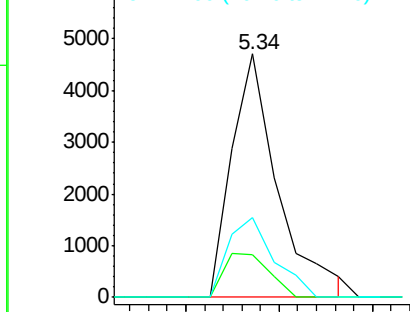
Tot Ion:	99	Resp:	8080
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.8	22.2
71	33.0	26.6	39.8

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 594

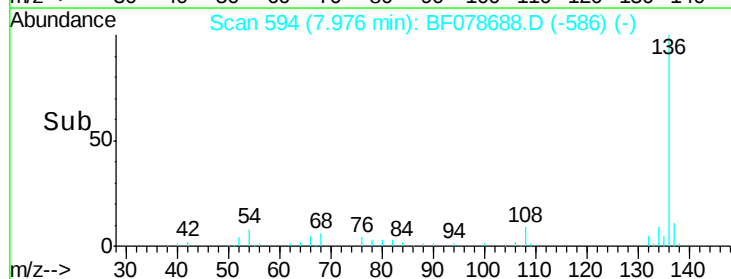
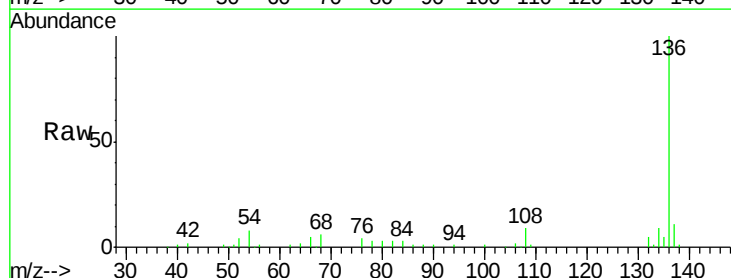
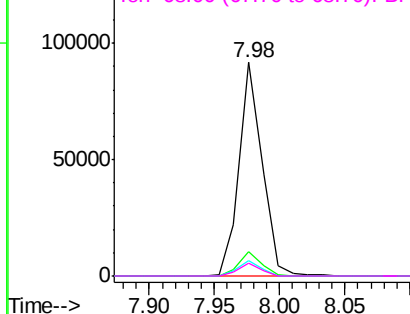
Delta R.T. -0.01 min

Lab File: BF078688.D

Acq: 21 Apr 2015 17:30

Tgt Ion:	136	Resp:	112322
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.5	7.0	10.6
68	5.7	5.4	8.2

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: 2.45 ng

RT: 6.76 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF078688.D

Acq: 21 Apr 2015 17:30

Instrument :

BNA_F

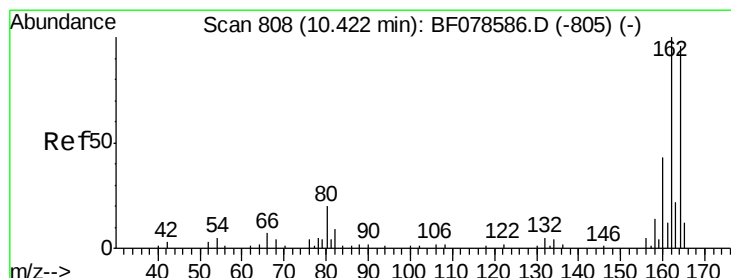
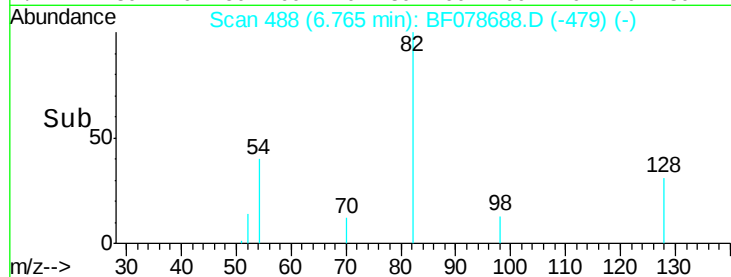
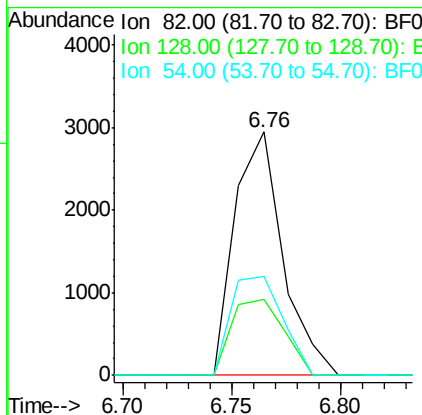
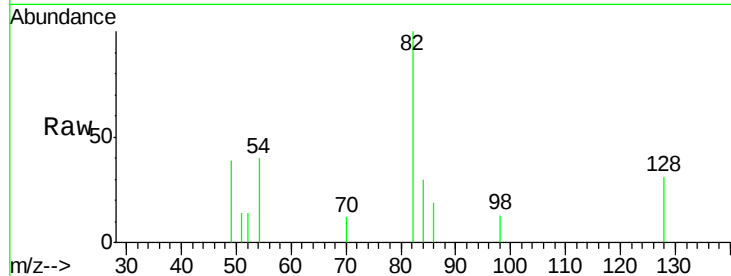
ClientSampleId :

SP-A-3RE

Tot Ion:	82	Resp:	4538
Ion Ratio	Lower	Upper	
82	100		
128	31.3	31.8	47.8#
54	40.4	41.5	62.3#

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#38

Acenaphthene-d10

Concen: 20.00 ng

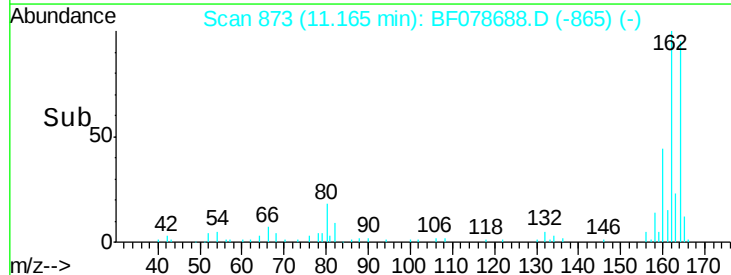
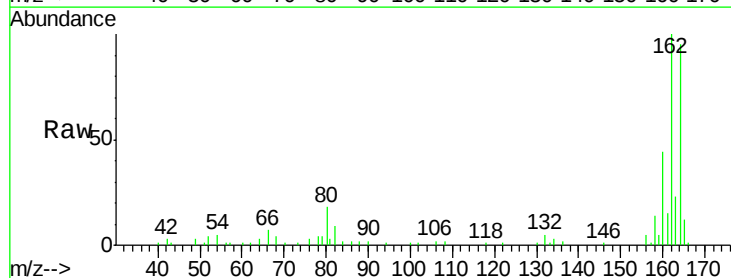
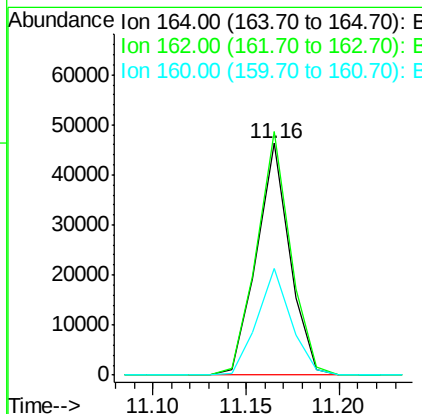
RT: 11.16 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF078688.D

Acq: 21 Apr 2015 17:30

Tgt Ion:	164	Resp:	57075
Ion Ratio	Lower	Upper	
164	100		
162	105.0	82.2	123.2
160	46.2	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 6.23 ng

RT: 12.64 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF078688.D

Acq: 21 Apr 2015 17:30

Instrument :

BNA_F

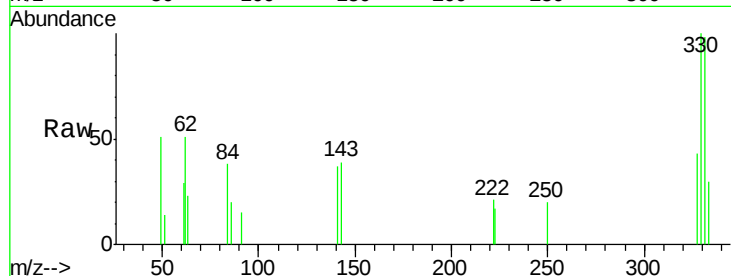
ClientSampleId :

SP-A-3RE

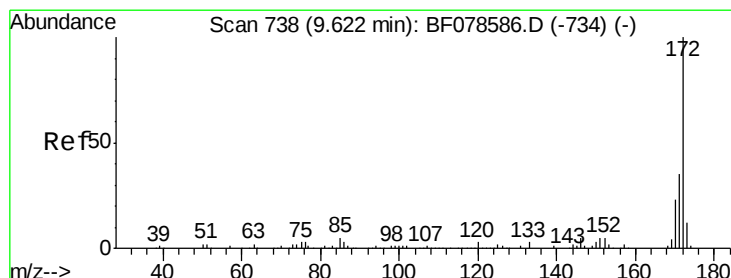
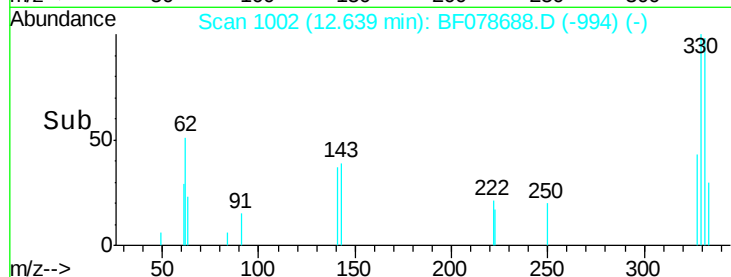
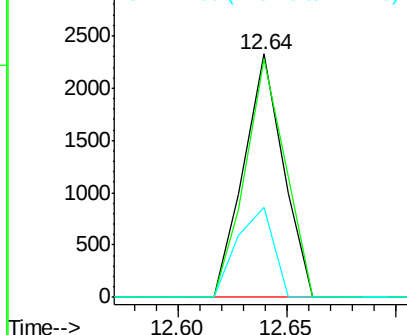
Tot Ion:	330	Resp:	2950
Ion Ratio	Lower	Upper	
330	100		
332	99.5	78.6	117.8
141	33.6	31.2	46.8

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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: 3.54 ng

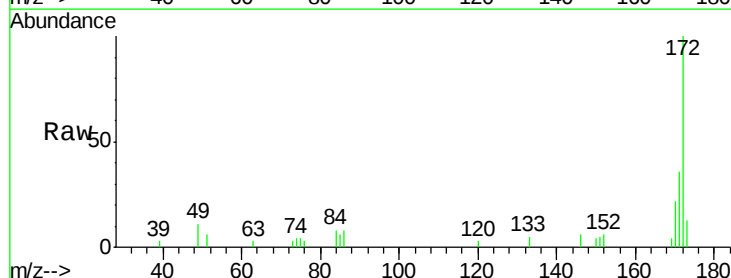
RT: 9.99 min Scan# 770

Delta R.T. -0.01 min

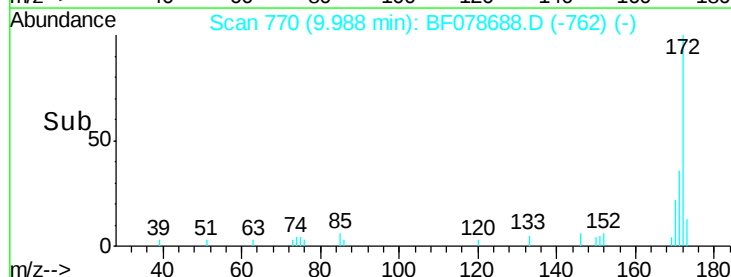
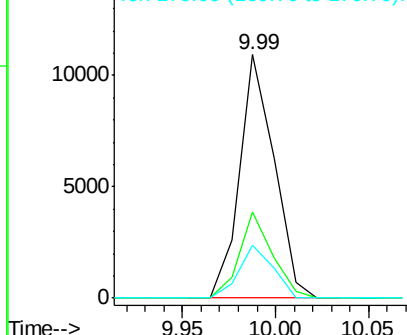
Lab File: BF078688.D

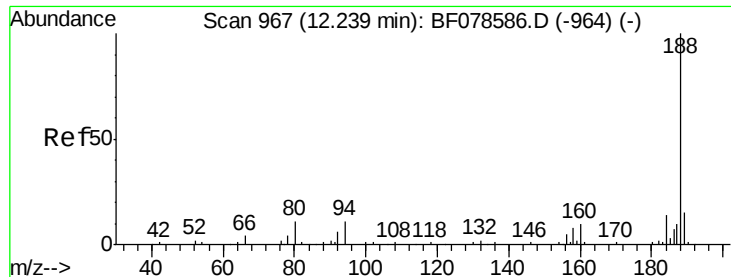
Acq: 21 Apr 2015 17:30

Tgt Ion:	172	Resp:	14115
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	42.8
170	21.9	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





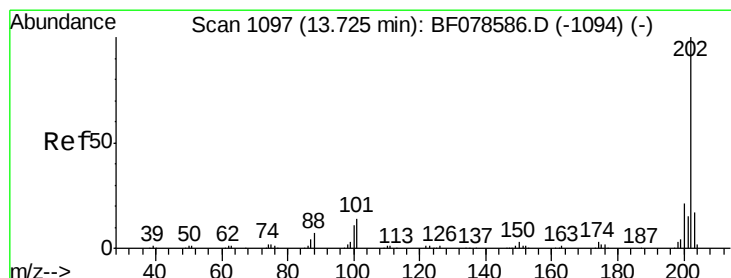
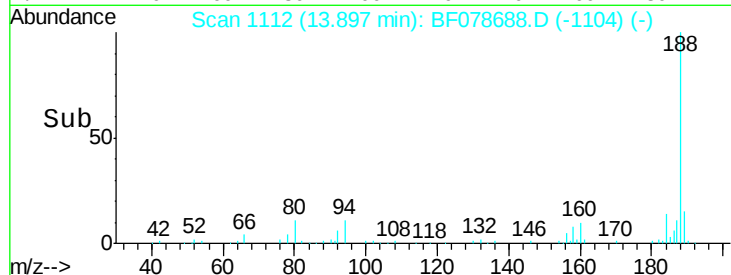
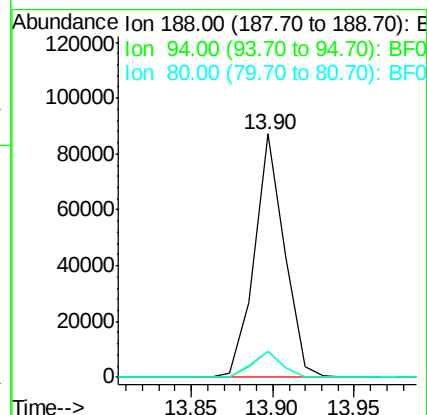
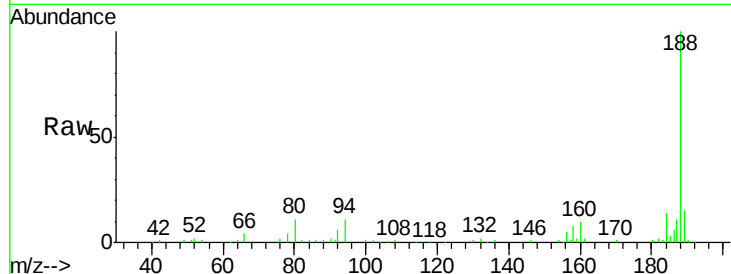
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078688.D
Acq: 21 Apr 2015 17:30

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	111140		
94	10.5	9.0	13.4	
80	10.7	9.5	14.3	

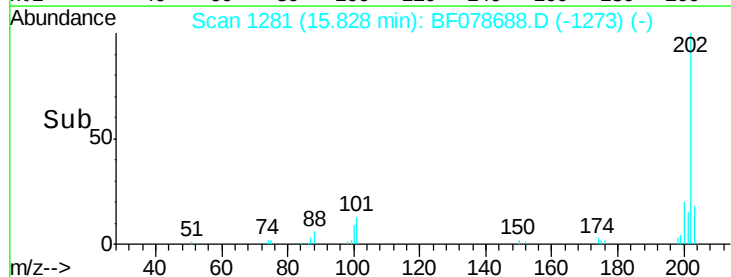
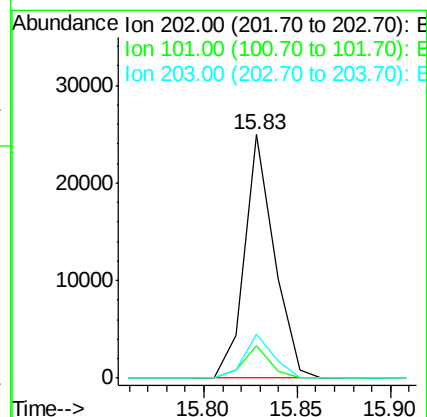
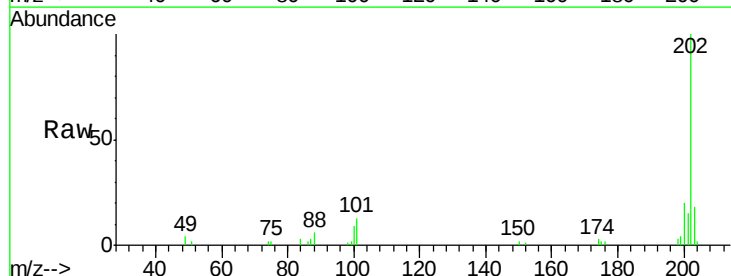
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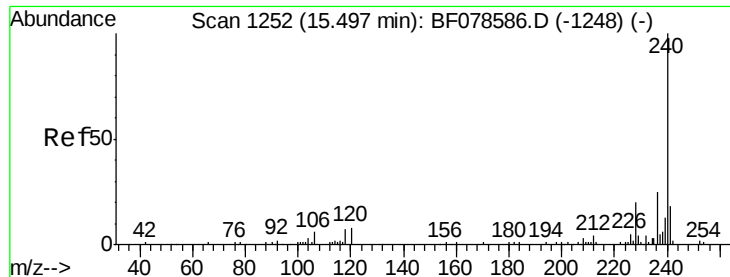
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#74
Fluoranthene
Concen: 4.07 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078688.D
Acq: 21 Apr 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	27571		
101	13.2	0.0	35.2	
203	17.9	0.0	38.5	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.76 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF078688.D

Acq: 21 Apr 2015 17:30

Instrument :

BNA_F

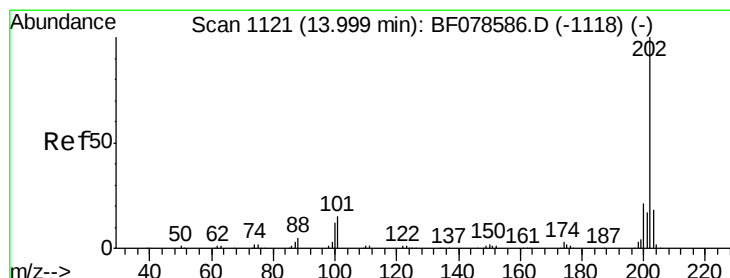
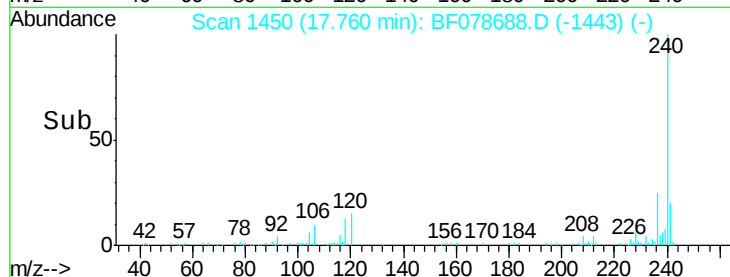
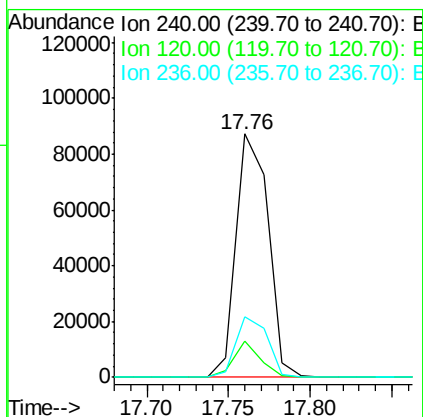
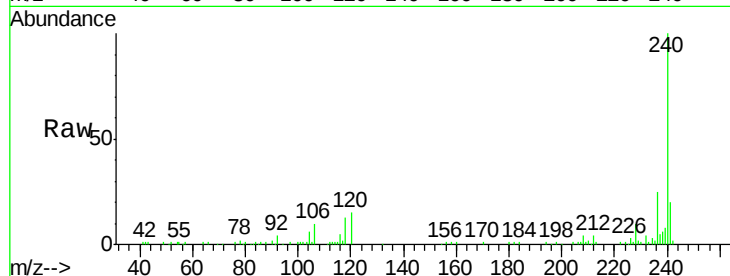
ClientSampleId :

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Tot Ion:	240	Resp:	119028
Ion Ratio	Lower	Upper	
240	100		
120	14.9	7.1	10.7#
236	25.0	21.4	32.2

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#77

Pyrene

Concen: 3.53 ng

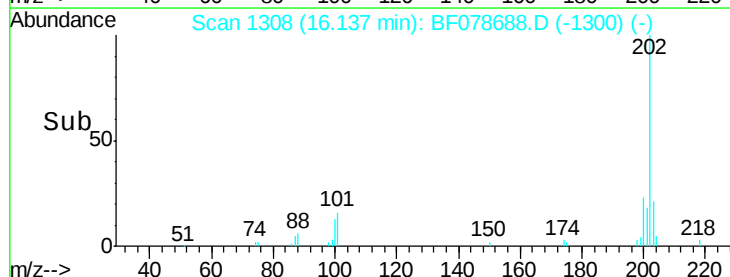
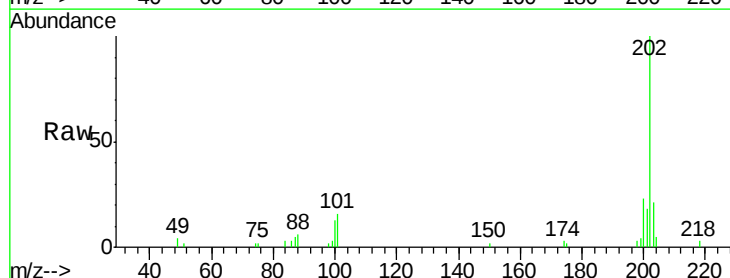
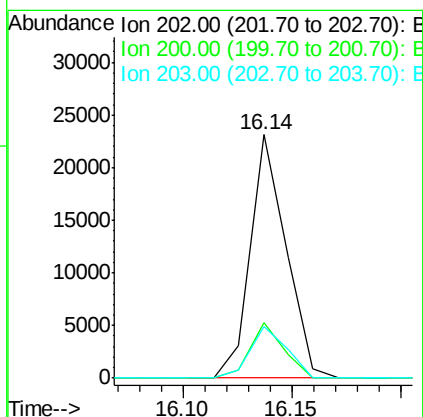
RT: 16.14 min Scan# 1308

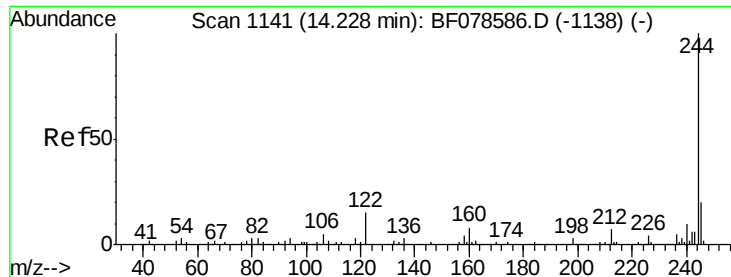
Delta R.T. -0.01 min

Lab File: BF078688.D

Acq: 21 Apr 2015 17:30

Tgt Ion:	202	Resp:	26389
Ion Ratio	Lower	Upper	
202	100		
200	22.7	16.3	24.5
203	21.1	13.8	20.6#





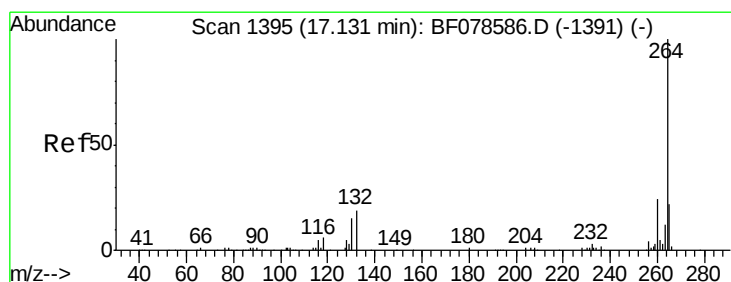
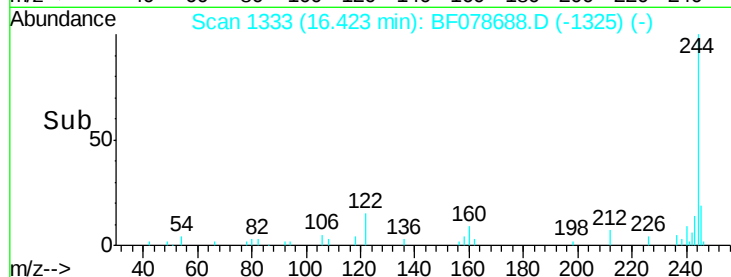
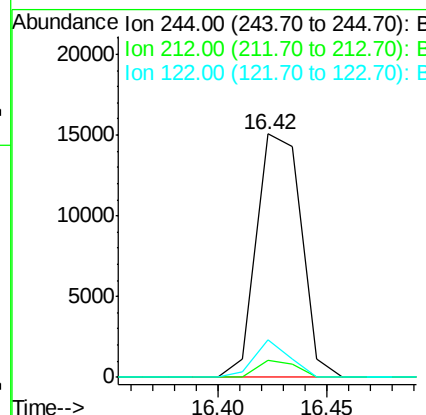
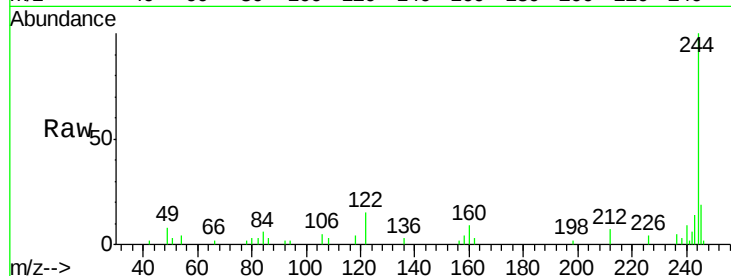
#78
 Terphenyl-d14
 Concen: 4.12 ng
 RT: 16.42 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	15.4	7.1	10.7

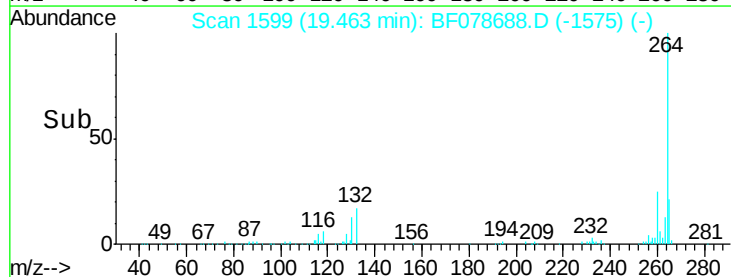
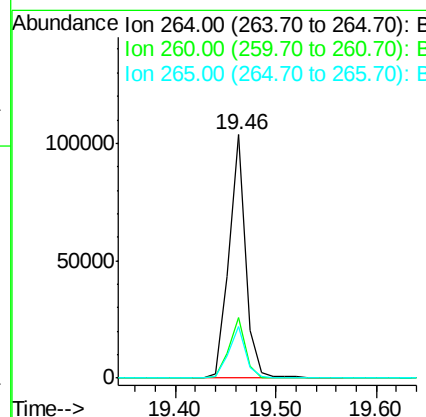
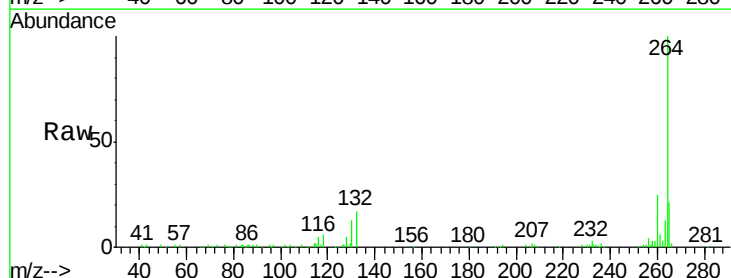
Manual Integrations
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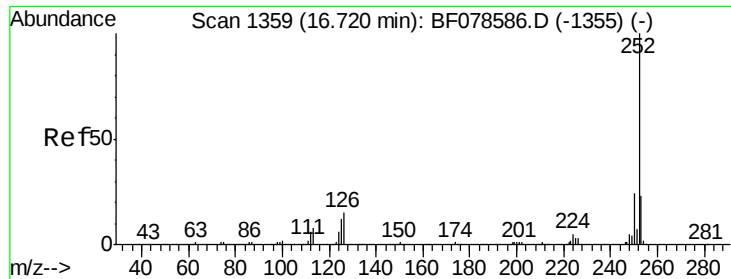
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.46 min Scan# 1599
 Delta R.T. -0.02 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.6	27.8
265	21.1	17.0	25.6





#87
 Benzo(b)fluoranthene
 Concen: 2.55 ng m
 RT: 19.04 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	13.0	7.0	10.4

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