

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079297.D
 Acq On : 16 May 2015 6:45
 Operator : TP/IZ
 Sample : G2215-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-37D

Manual Integrations
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Quant Time: May 18 01:16:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 00:56:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	75351	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	303014	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	140512	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	260918	20.00	ng	0.00
75) Chrysene-d12	16.06	240	268895	20.00	ng	0.00
86) Perylene-d12	17.78	264	275194	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	417506m	95.38	ng	0.01
7) Phenol-d6	6.75	99	532434	92.02	ng	0.01
23) Nitrobenzene-d5	7.87	82	318886	60.48	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	144083	94.79	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	566853	56.20	ng	0.00
78) Terphenyl-d14	14.77	244	493342	43.93	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.60	163	33442	3.24	ng	98
70) Phenanthrene	12.80	178	62702	4.30	ng	99
74) Fluoranthene	14.27	202	93956	6.18	ng	92
77) Pyrene	14.55	202	87327	5.64	ng	98
80) Benzo(a)anthracene	16.05	228	49434	3.36	ng	96
82) Chrysene	16.08	228	43545	3.07	ng	97
87) Benzo(b)fluoranthene	17.34	252	64440m	4.28	ng	
89) Benzo(a)pyrene	17.71	252	44369	3.20	ng	# 90
91) Benzo(g,h,i)perylene	19.59	276	35343	2.39	ng	# 94

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

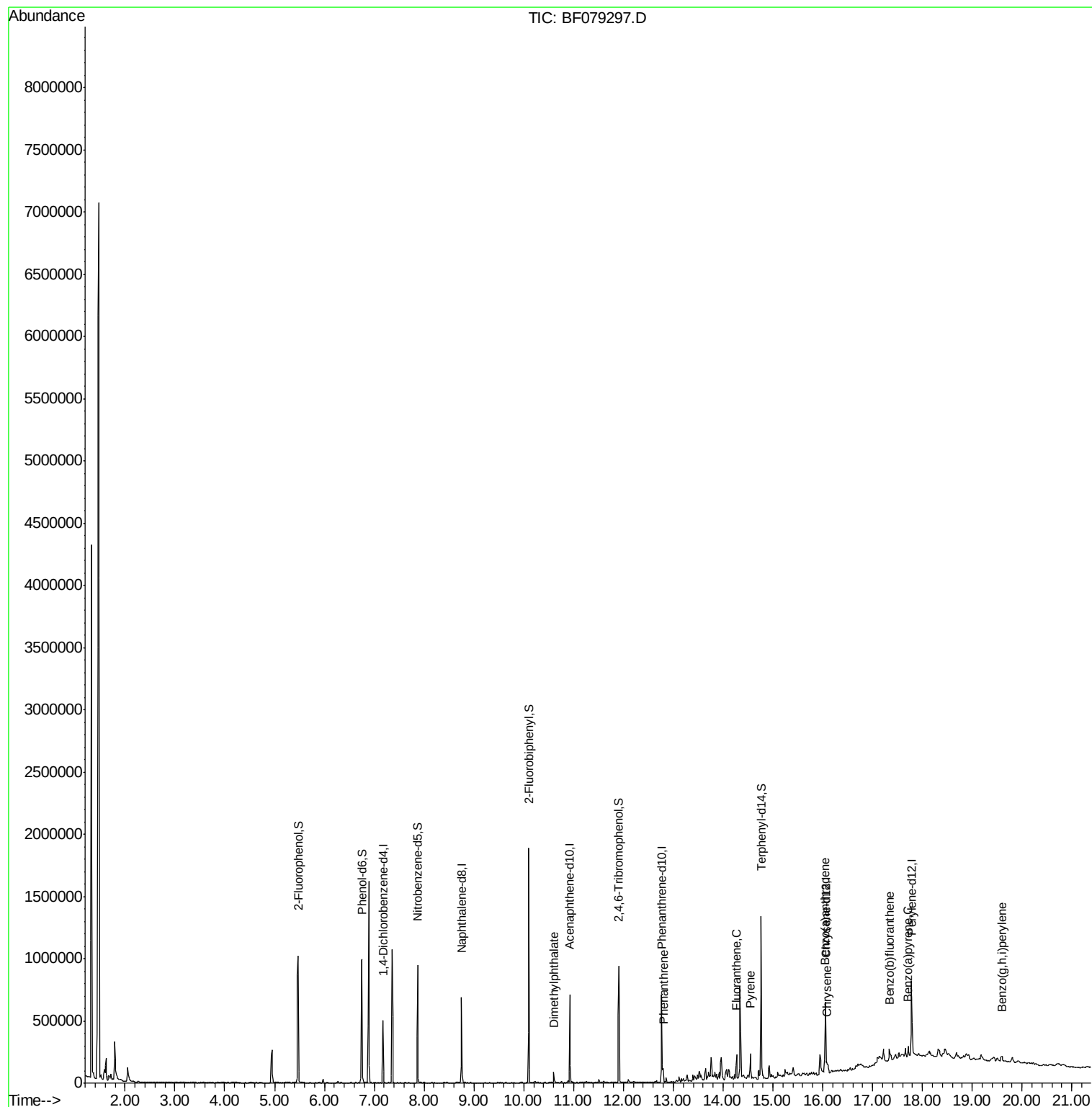
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
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Misc :
ALS Vial : 30 Sample Multiplier: 1

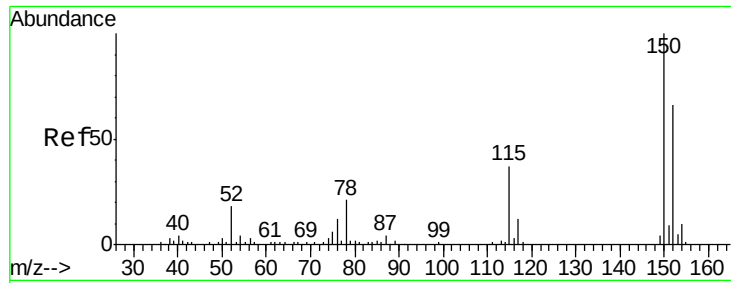
Instrument :
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ClientSampleId :
SB-37D

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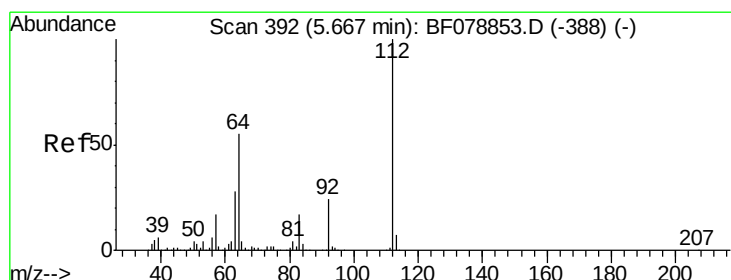
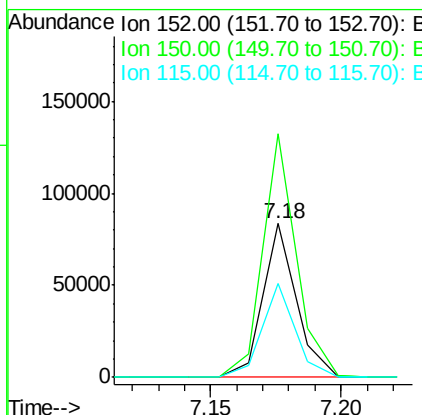
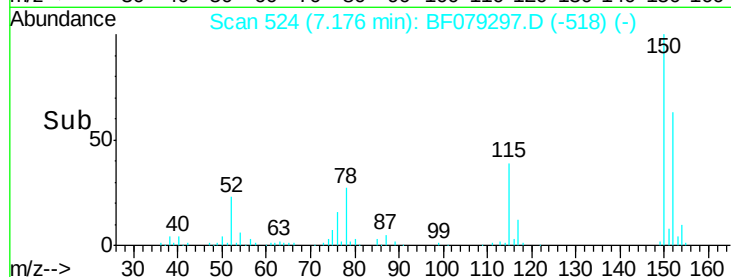
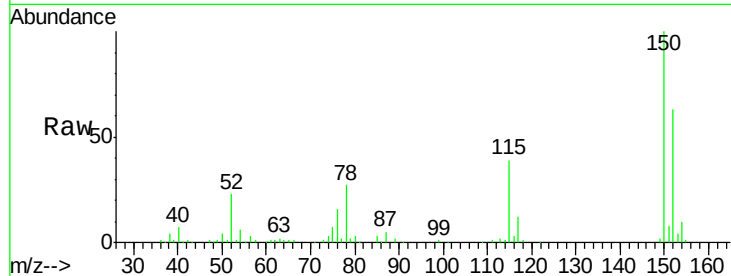
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079297.D
 Acq: 16 May 2015 6:45

Instrument :
 BNA_F
 ClientSampled :
 SB-37D

Tot Ion:	152	Resp:	75351
Ion Ratio	Lower	Upper	
152	100		
150	158.5	123.8	185.8
115	61.2	49.4	74.0

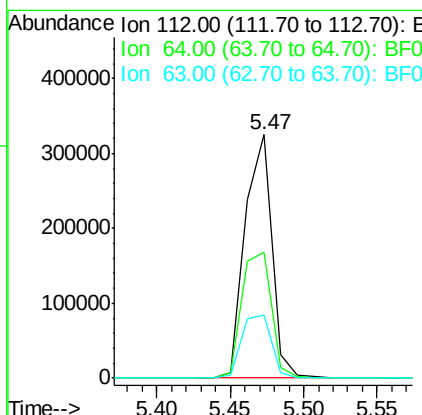
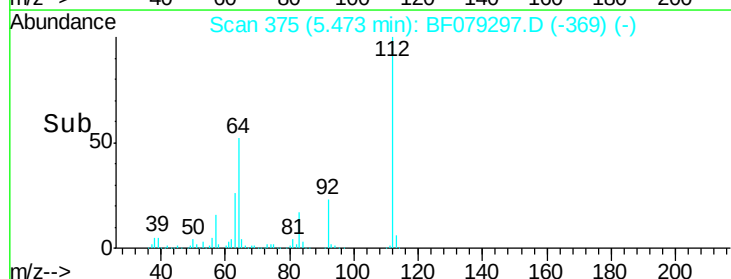
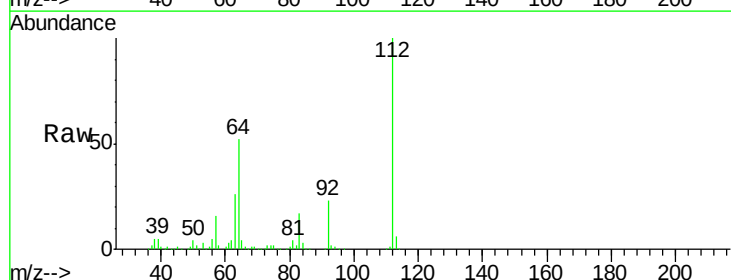
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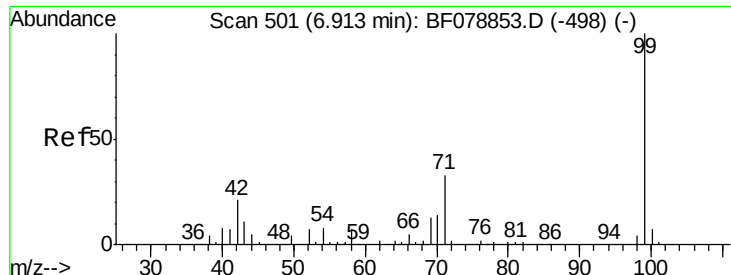
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#5
 2-Fluorophenol
 Concen: 95.38 ng m
 RT: 5.47 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BF079297.D
 Acq: 16 May 2015 6:45

Tgt Ion:	112	Resp:	417506
Ion Ratio	Lower	Upper	
112	100		
64	51.8	44.2	66.2
63	26.1	22.7	34.1





#7

Phenol-d6

Concen: 92.02 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF079297.D

Acq: 16 May 2015 6:45

Instrument :

BNA_F

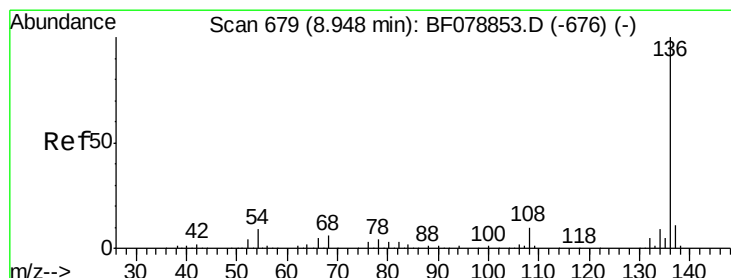
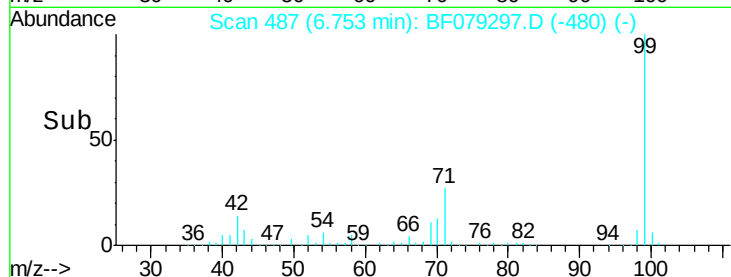
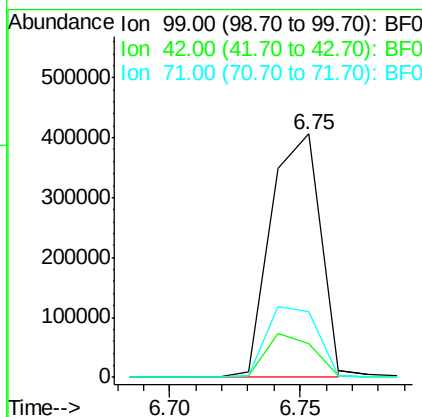
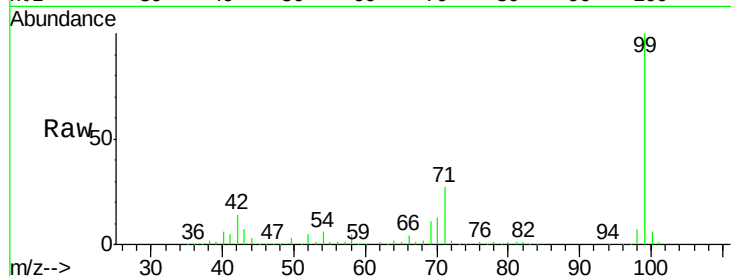
ClientSampled :

SB-37D

Tot Ion:	99	Resp:	532434
Ion Ratio	Lower	Upper	
99	100		
42	14.1	17.1	25.7#
71	27.0	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng

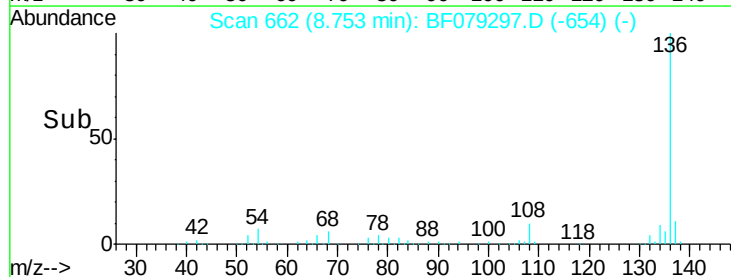
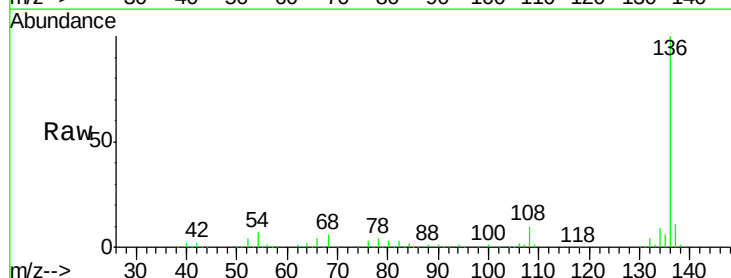
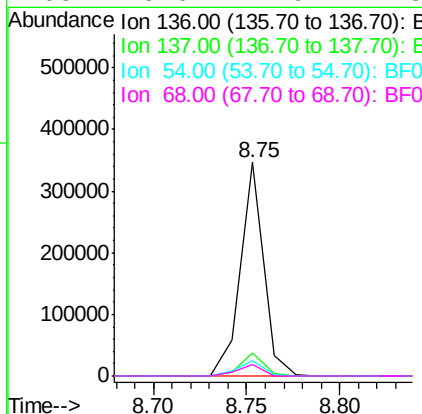
RT: 8.75 min Scan# 662

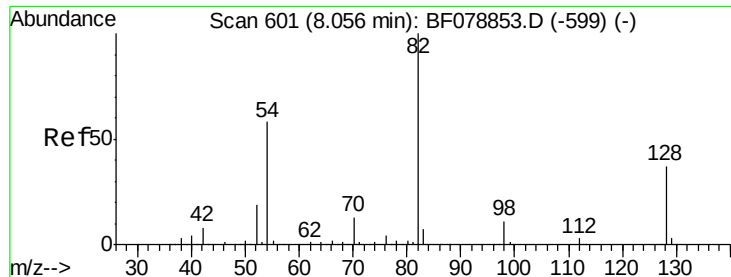
Delta R.T. 0.00 min

Lab File: BF079297.D

Acq: 16 May 2015 6:45

Tgt Ion:	136	Resp:	303014
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.2	6.9	10.3
68	5.6	4.9	7.3





#23

Nitrobenzene-d5

Concen: 60.48 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079297.D

Acq: 16 May 2015 6:45

Instrument :

BNA_F

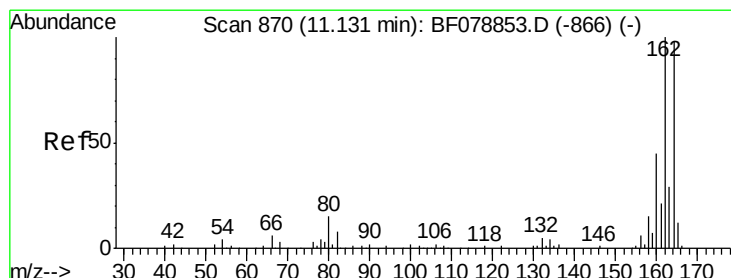
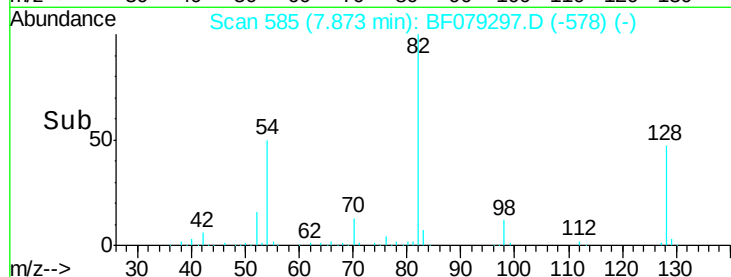
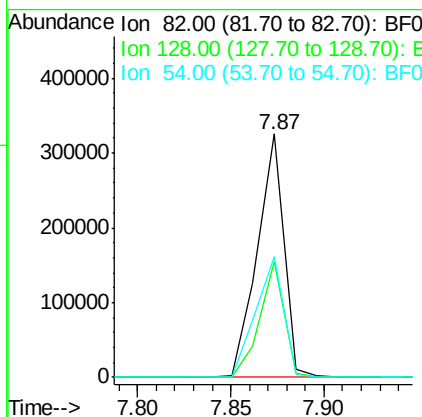
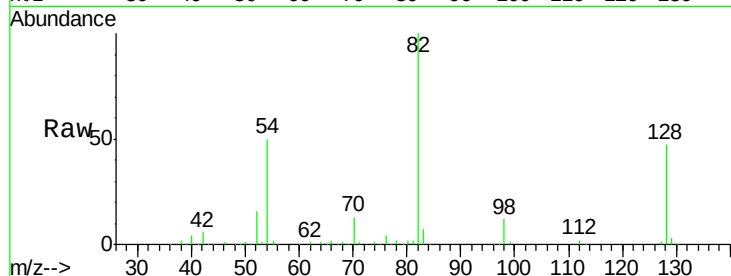
ClientSampled :

SB-37D

Tot Ion:	82	Resp:	318886
Ion Ratio	Lower	Upper	
82	100		
128	47.4	29.7	44.5#
54	49.8	46.2	69.4

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#38

Acenaphthene-d10

Concen: 20.00 ng

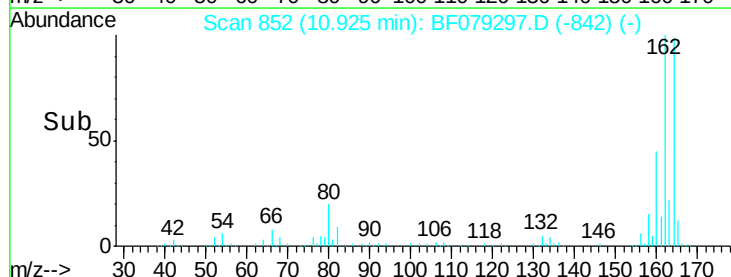
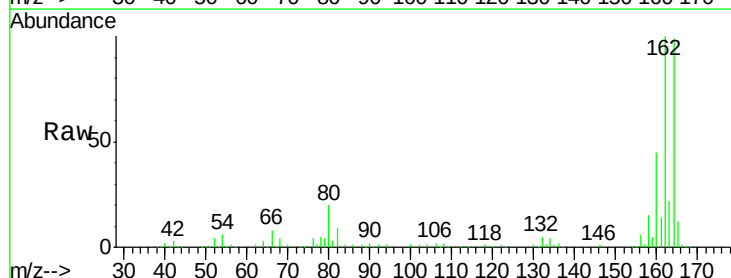
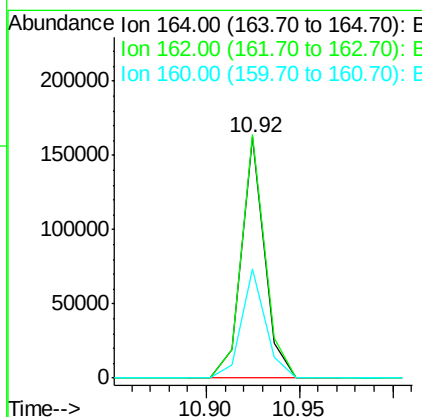
RT: 10.92 min Scan# 852

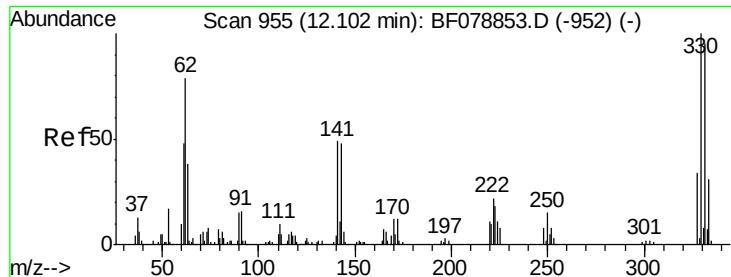
Delta R.T. 0.00 min

Lab File: BF079297.D

Acq: 16 May 2015 6:45

Tgt Ion:	164	Resp:	140512
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.4	122.0
160	45.2	36.6	54.8





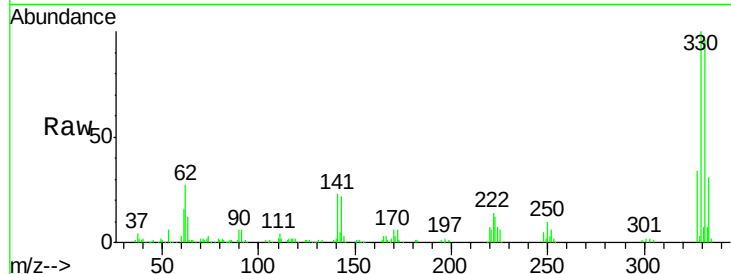
#41
 2,4,6-Tribromophenol
 Concen: 94.79 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079297.D
 Acq: 16 May 2015 6:45

Instrument :
 BNA_F
 ClientSampled :
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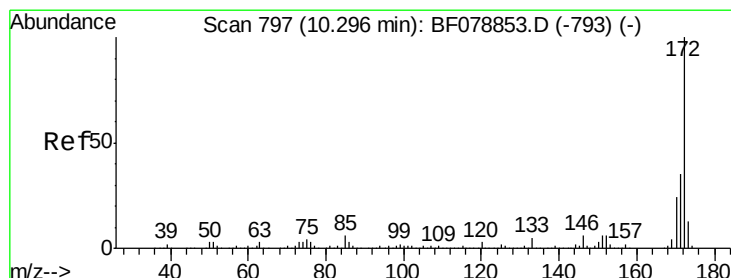
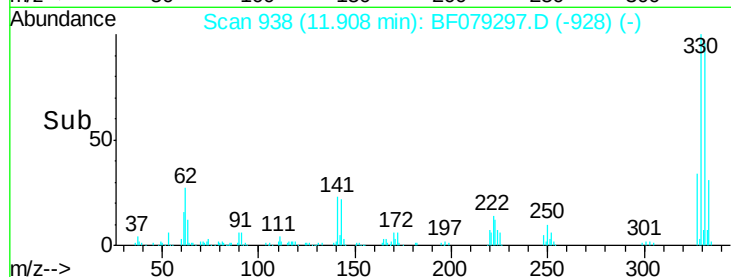
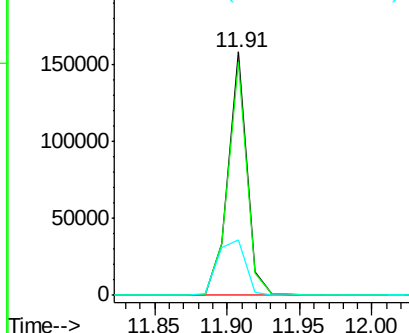
Tot Ion	Ratio	Resp	Lower	Upper
330	100	144083		
332	96.3	76.9	115.3	
141	33.2	27.8	41.8	

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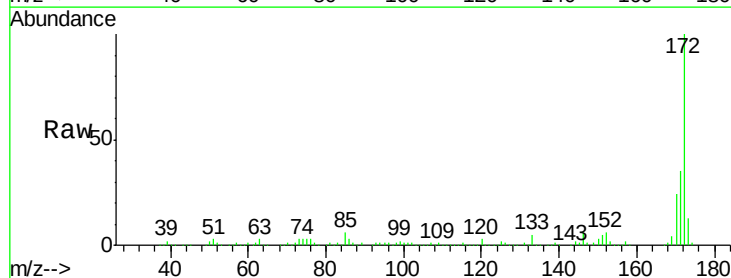


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

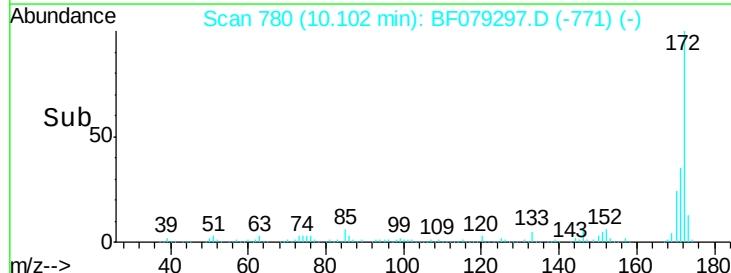
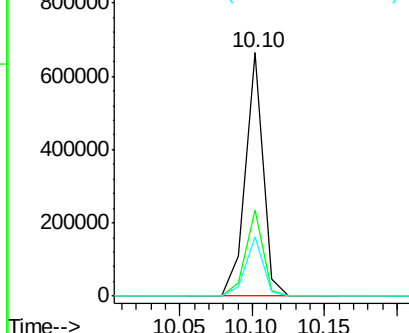


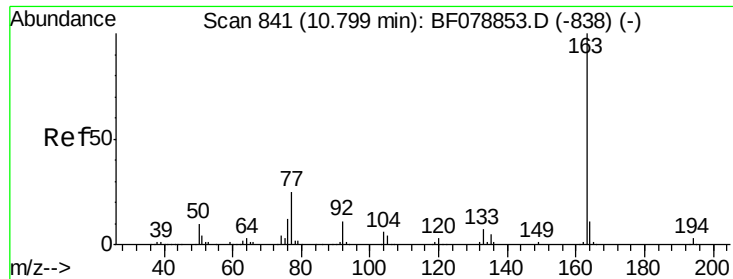
#44
 2-Fluorobiphenyl
 Concen: 56.20 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079297.D
 Acq: 16 May 2015 6:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	566853		
171	35.5	28.3	42.5	
170	24.2	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





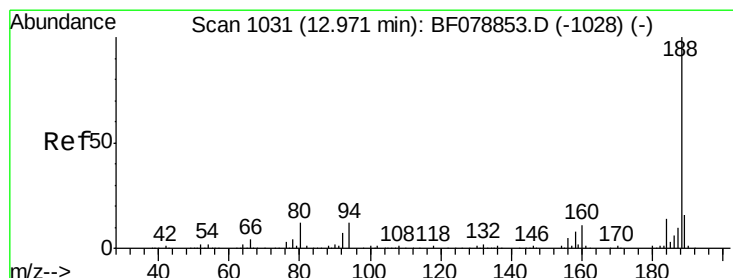
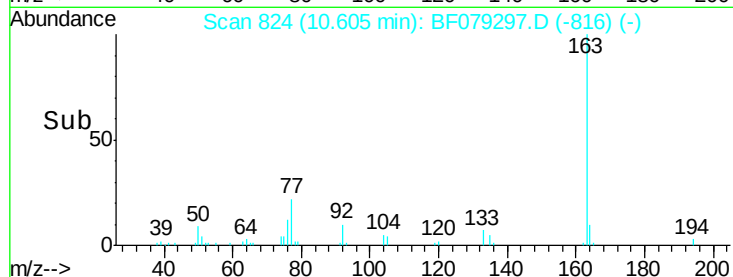
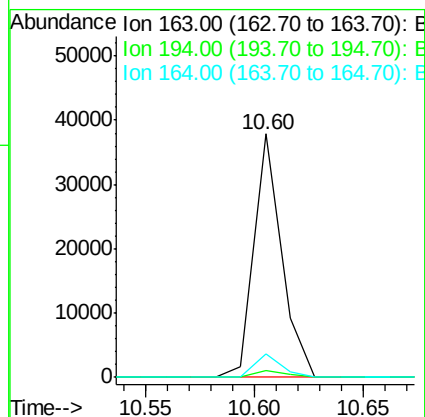
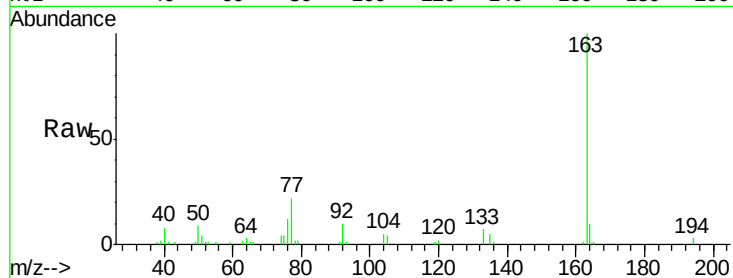
#49
Dimethylphthalate
Concen: 3.24 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF079297.D
Acq: 16 May 2015 6:45

Instrument :
BNA_F
ClientSampled :
SB-37D

Tot Ion	Ratio	Resp	Lower	Upper
163	100	33442		
194	2.7		2.4	3.6
164	9.7		8.6	12.8

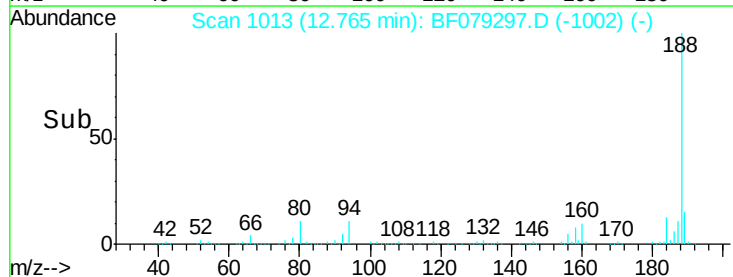
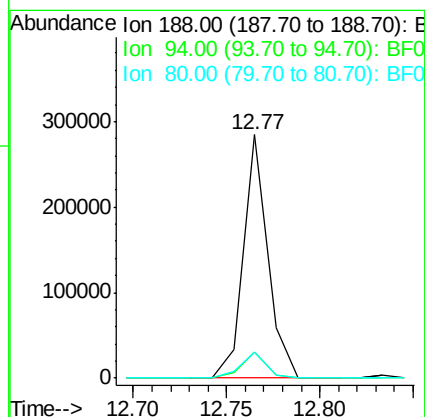
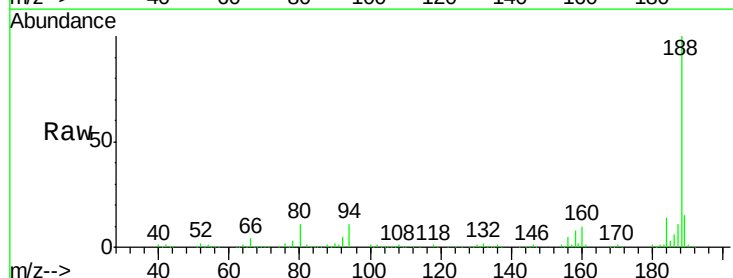
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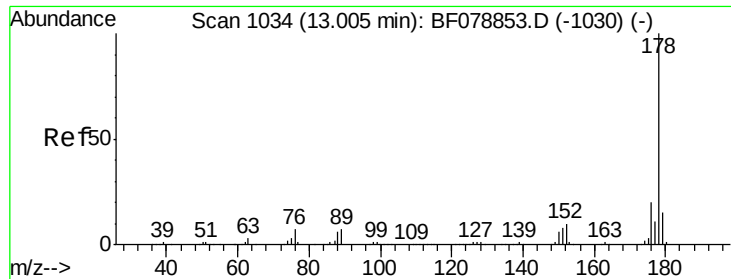
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079297.D
Acq: 16 May 2015 6:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	260918		
94	10.8		9.4	14.0
80	10.6		9.8	14.6





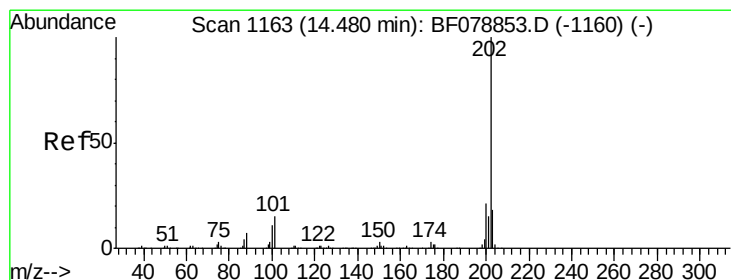
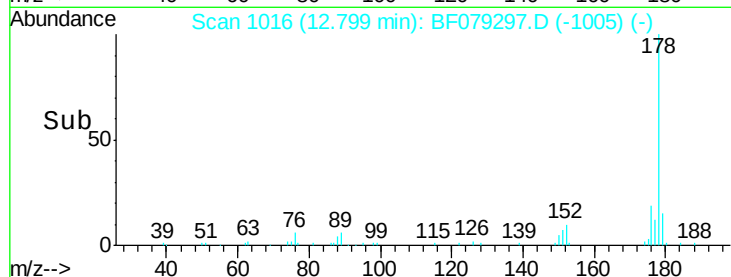
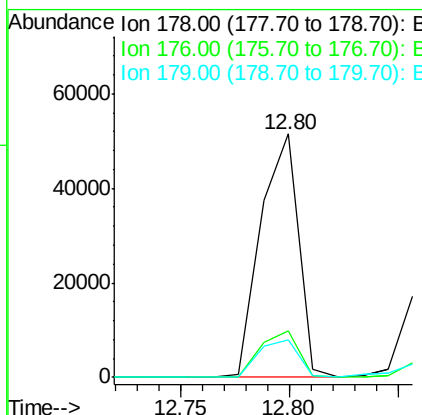
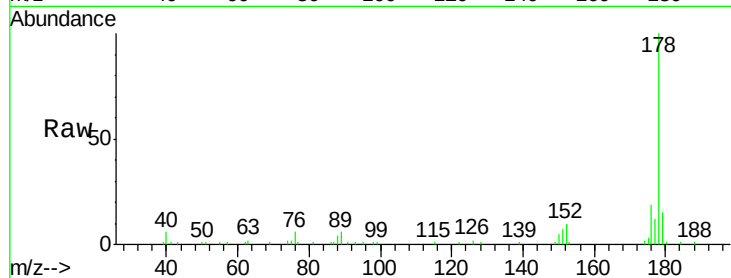
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Phenanthrene
Concen: 4.30 ng
RT: 12.80 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF079297.D
Acq: 16 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-37D

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.2	12.2	18.4

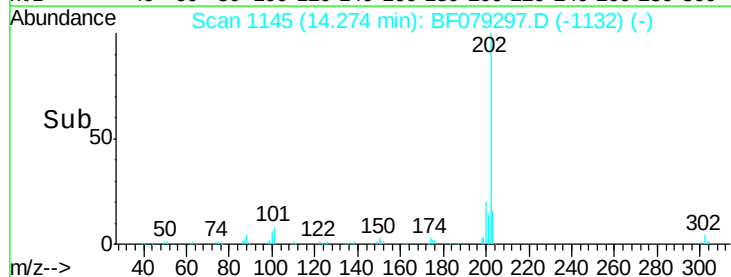
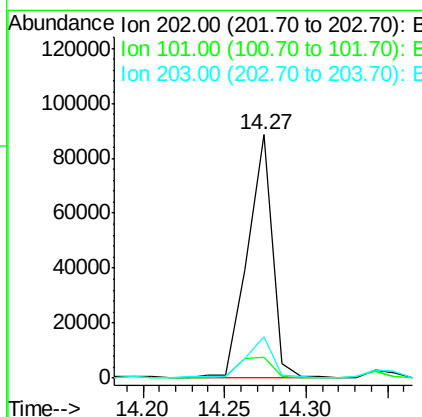
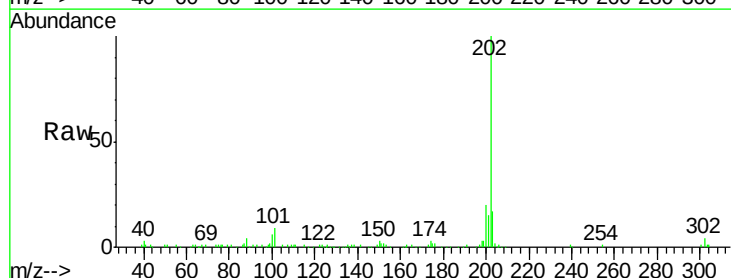
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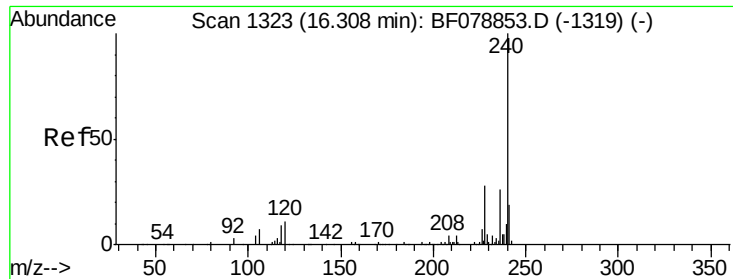
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#74
Fluoranthene
Concen: 6.18 ng
RT: 14.27 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF079297.D
Acq: 16 May 2015 6:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	34.7
203	17.1	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.06 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF079297.D

Acq: 16 May 2015 6:45

Instrument :

BNA_F

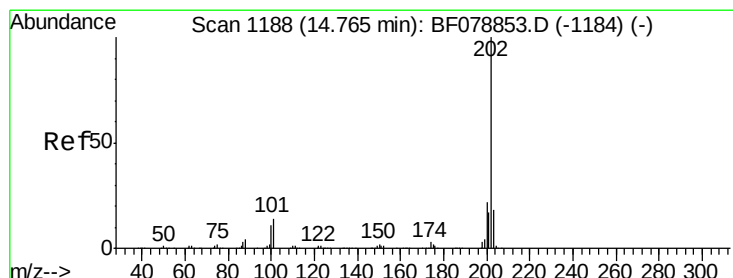
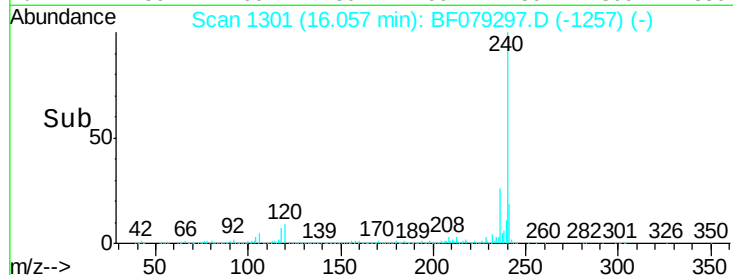
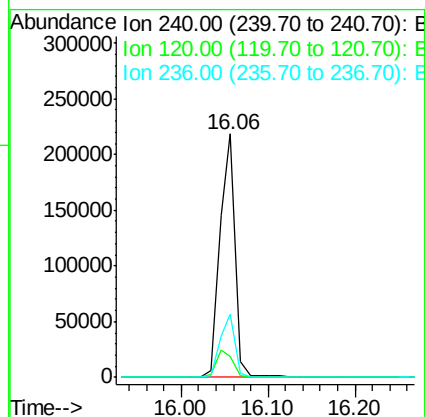
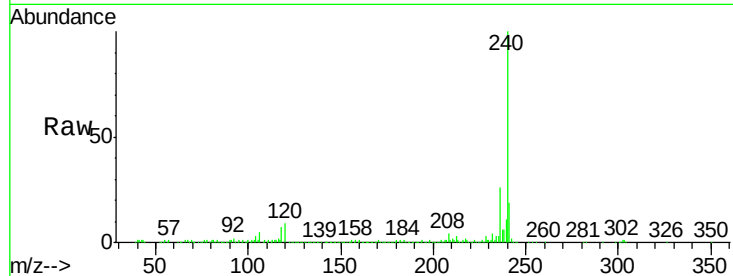
ClientSampled :

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Tot Ion:	240	Resp:	268895
Ion Ratio	Lower	Upper	
240	100		
120	8.7	8.6	12.8
236	25.9	21.0	31.6

Manual Integrations
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#77

Pyrene

Concen: 5.64 ng

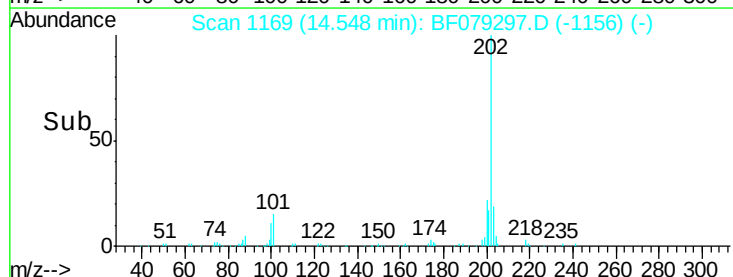
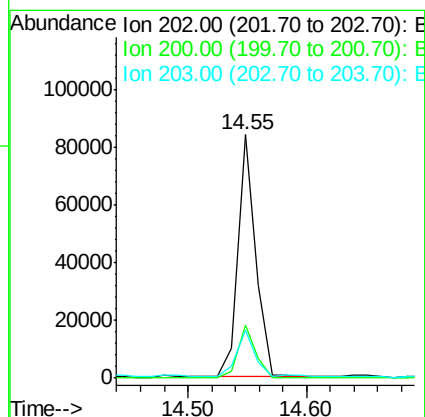
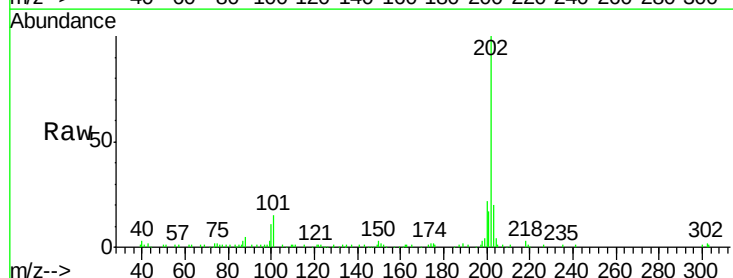
RT: 14.55 min Scan# 1169

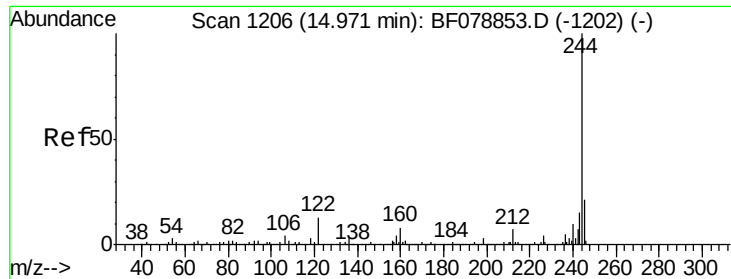
Delta R.T. 0.00 min

Lab File: BF079297.D

Acq: 16 May 2015 6:45

Tgt Ion:	202	Resp:	87327
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.5	26.3
203	19.8	14.7	22.1





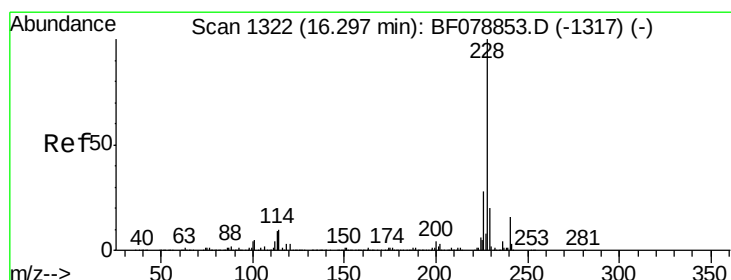
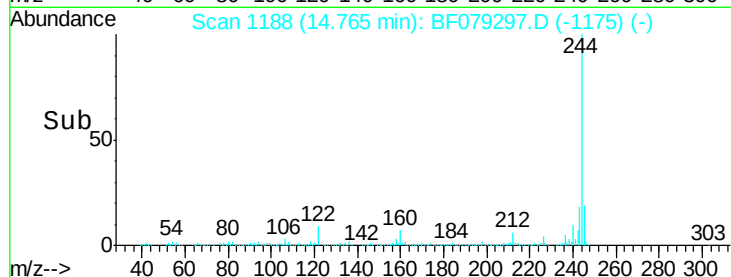
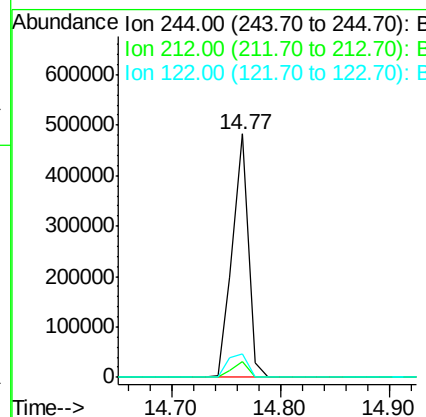
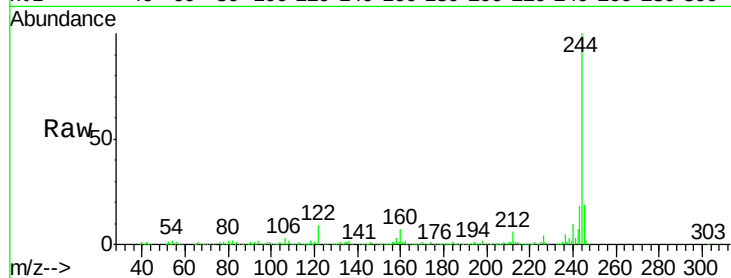
#78
 Terphenyl-d14
 Concen: 43.93 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF079297.D
 Acq: 16 May 2015 6:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-37D

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	9.4	10.5	15.7

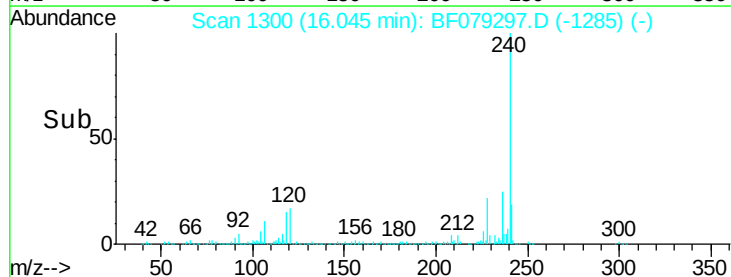
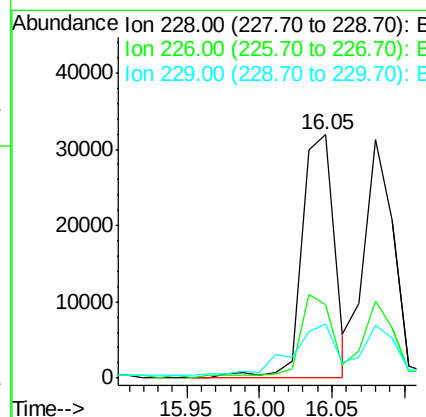
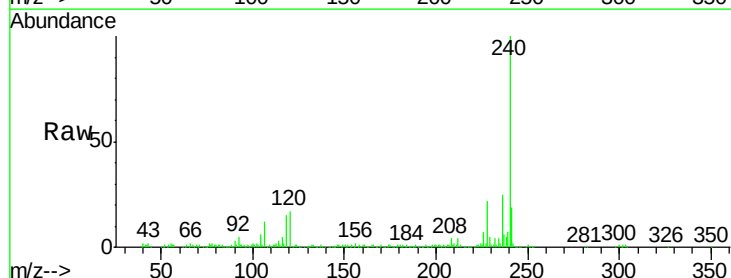
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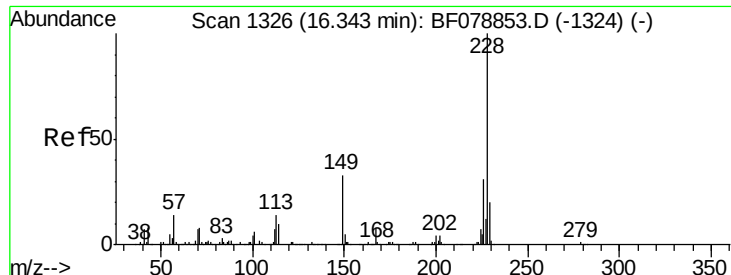
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#80
 Benzo(a)anthracene
 Concen: 3.36 ng
 RT: 16.05 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF079297.D
 Acq: 16 May 2015 6:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.3	33.5
229	22.1	16.1	24.1





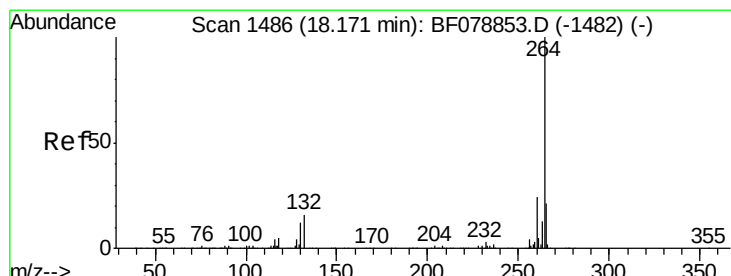
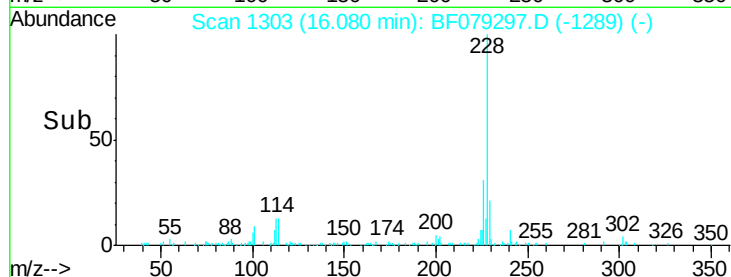
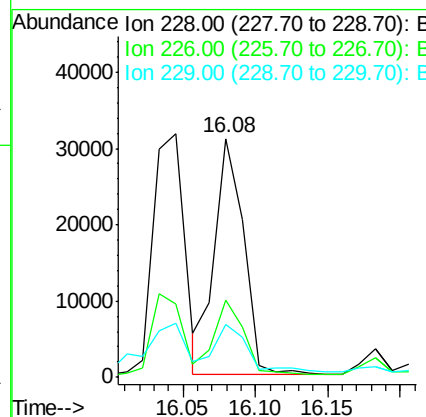
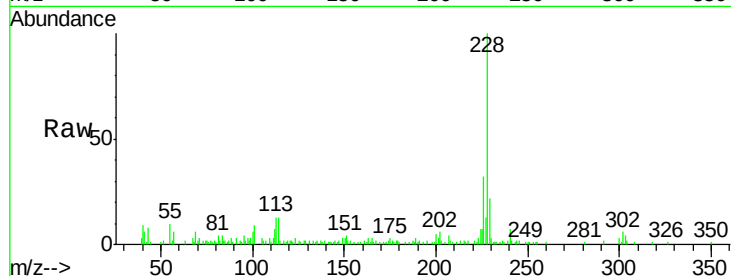
#82
Chrysene
Concen: 3.07 ng
RT: 16.08 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF079297.D
Acq: 16 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-37D

Tot Ion:	228	Resp:	43545
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.8	37.2
229	22.3	16.1	24.1

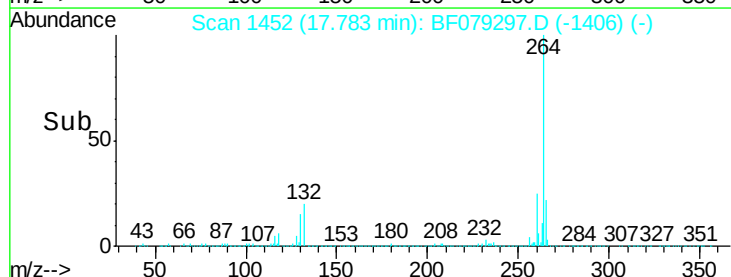
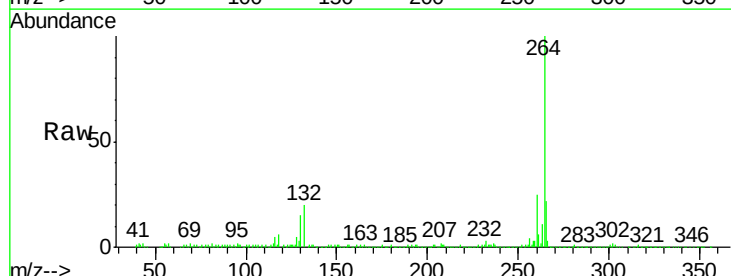
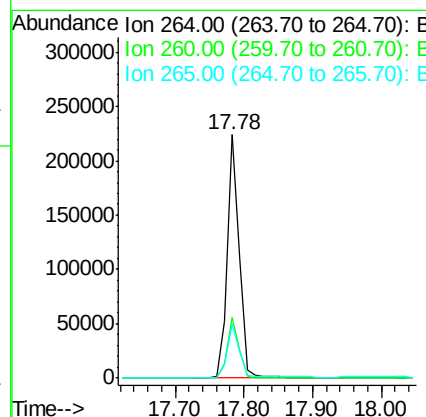
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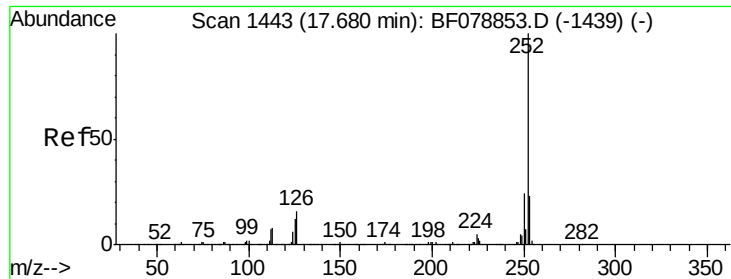
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1452
Delta R.T. 0.02 min
Lab File: BF079297.D
Acq: 16 May 2015 6:45

Tgt Ion:	264	Resp:	275194
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.28 ng

RT: 17.34 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF079297.D

Acq: 16 May 2015 6:45

Instrument :

BNA_F

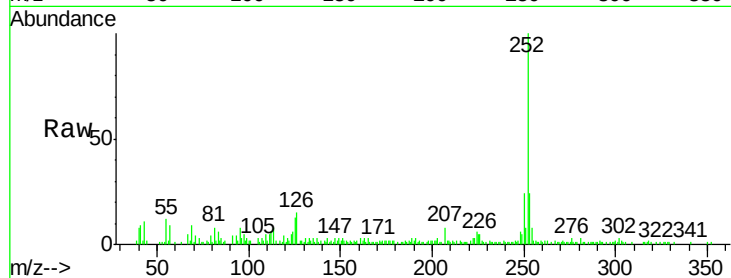
ClientSampled :

SB-37D

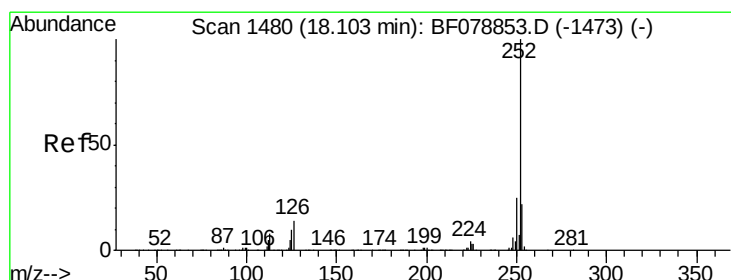
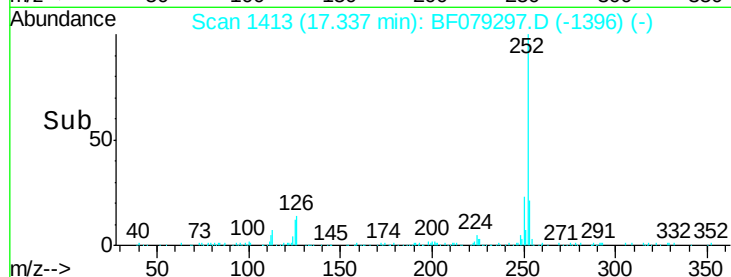
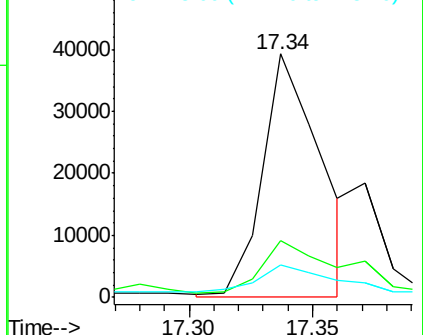
Tot Ion:	252	Resp:	64440
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.1	27.1
125	13.5	9.4	14.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 3.20 ng

RT: 17.71 min Scan# 1446

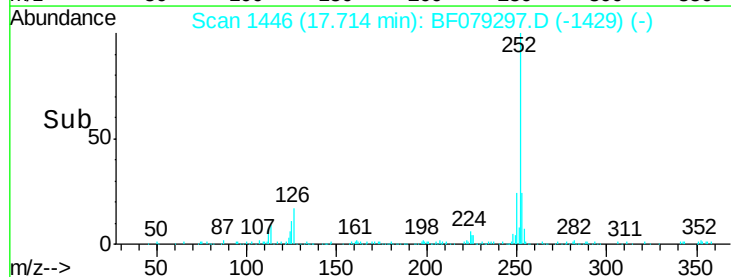
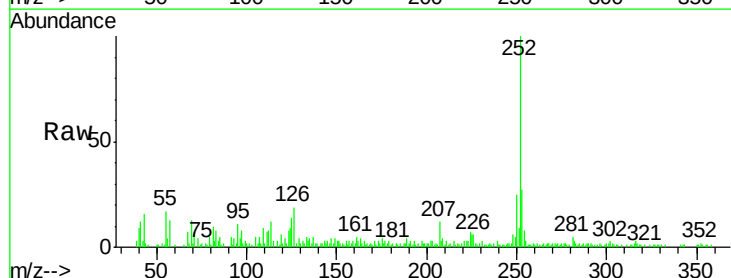
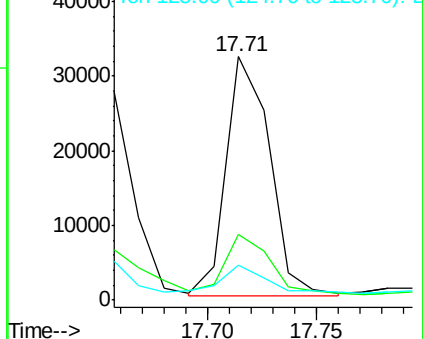
Delta R.T. 0.01 min

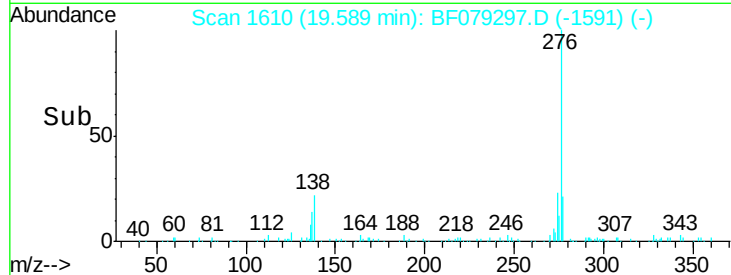
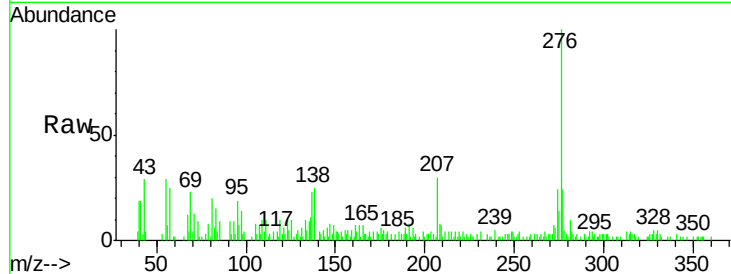
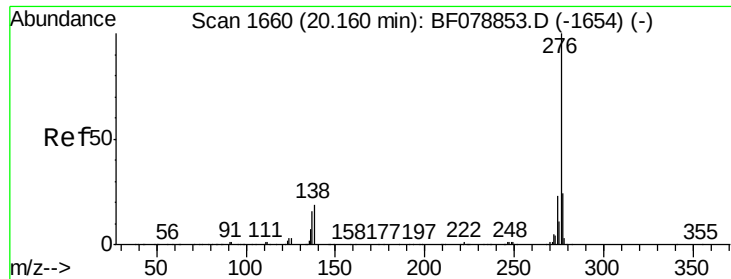
Lab File: BF079297.D

Acq: 16 May 2015 6:45

Tgt Ion:	252	Resp:	44369
Ion Ratio	Lower	Upper	
252	100		
253	26.9	18.0	27.0
125	14.3	8.2	12.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 2.39 ng
 RT: 19.59 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF079297.D
 Acq: 16 May 2015 6:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-37D

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	25.2	15.2	22.8

Manual Integrations
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