

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079516.D
 Acq On : 27 May 2015 11:25
 Operator : TP/IZ
 Sample : G2383-04 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(11-12)

Manual Integrations
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Quant Time: May 27 12:51:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	77434	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	330205	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	172151	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	344252	20.00	ng	0.01
75) Chrysene-d12	15.92	240	374574	20.00	ng	0.05
86) Perylene-d12	17.78	264	366565	20.00	ng	0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	73738m	16.52	ng	0.01
7) Phenol-d6	6.62	99	105404m	18.52	ng	0.00
23) Nitrobenzene-d5	7.71	82	52977	9.27	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	31538	16.68	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	132729	11.00	ng	0.00
78) Terphenyl-d14	14.59	244	163379	10.24	ng	0.00

Target Compounds Qvalue

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

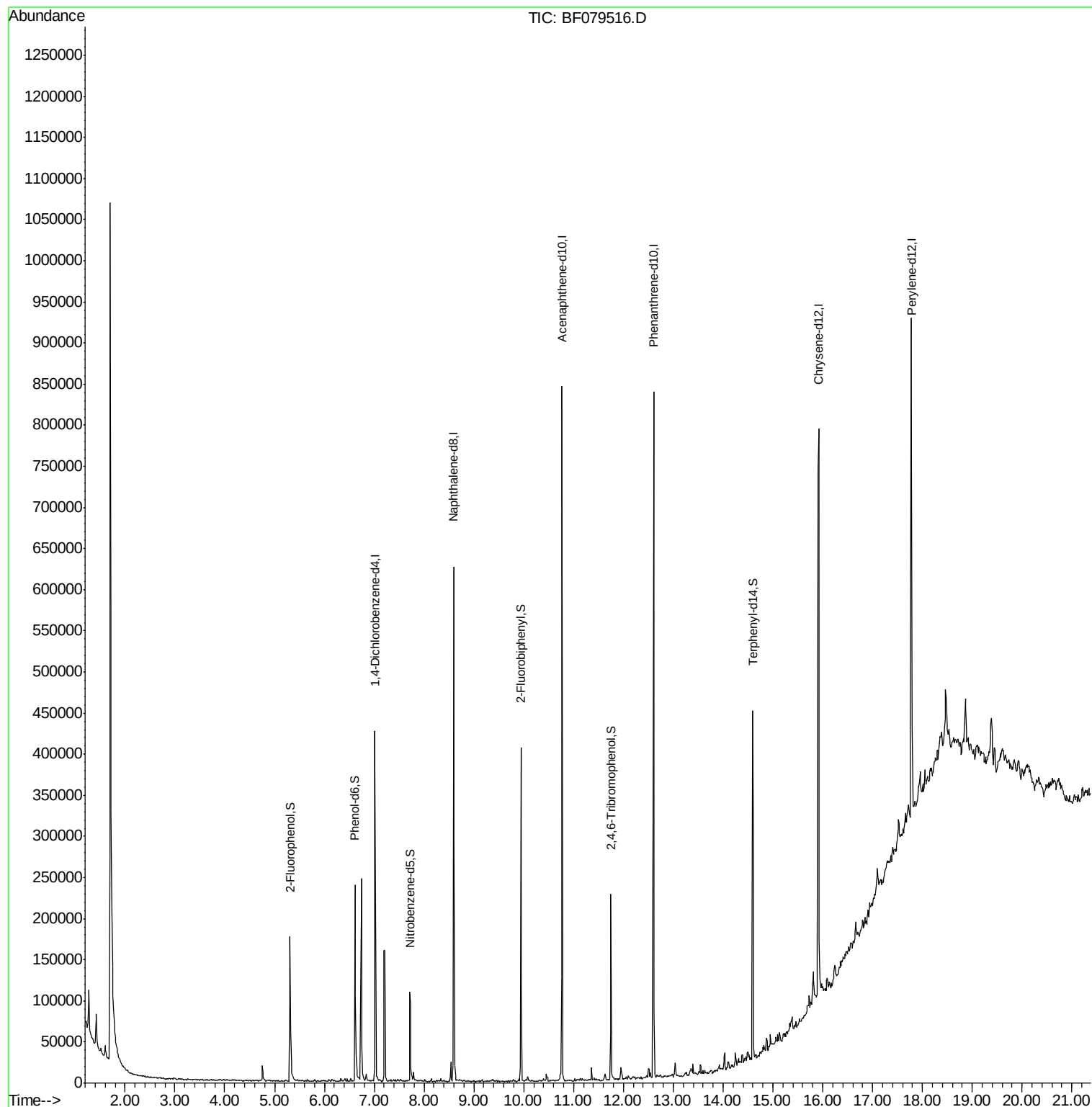
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079516.D
Acq On : 27 May 2015 11:25
Operator : TP/IZ
Sample : G2383-04 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

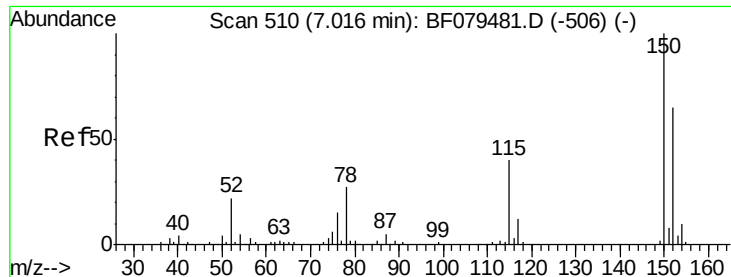
Instrument :
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ClientSampleId :
HF-2(11-12)

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#1

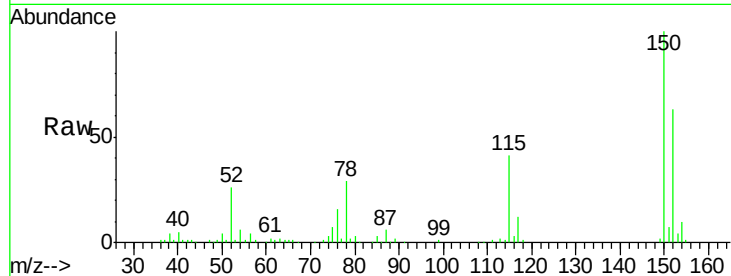
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079516.D
Acq: 27 May 2015 11:25

Instrument :
BNA_F
ClientSampleId :
HF-2(11-12)

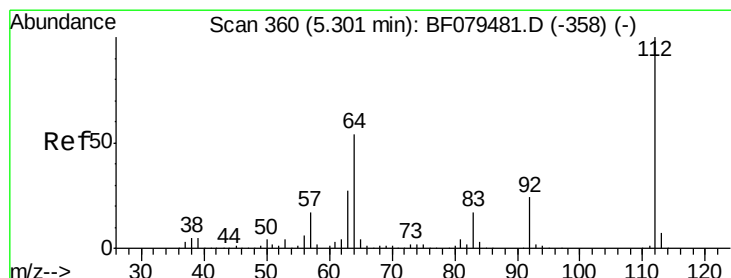
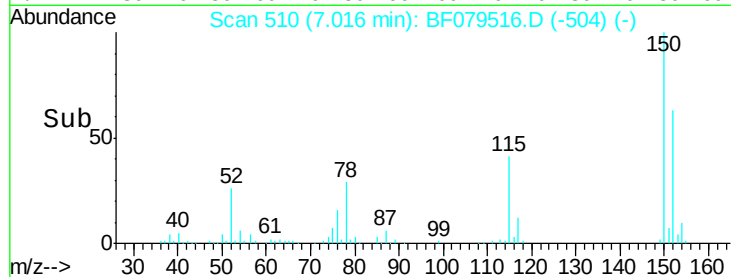
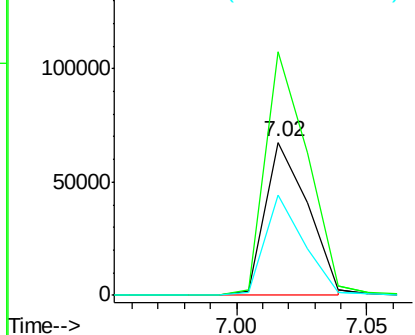
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.0	186.0
115	65.1	49.6	74.4

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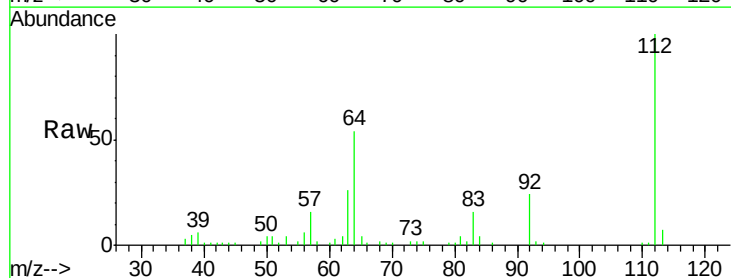
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



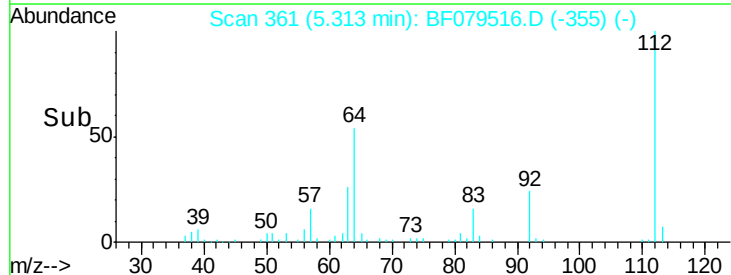
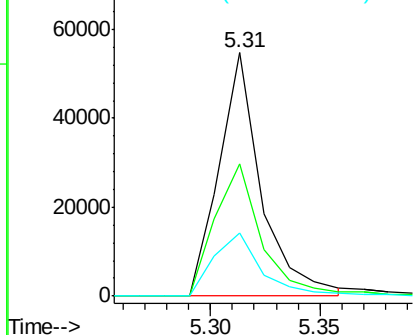
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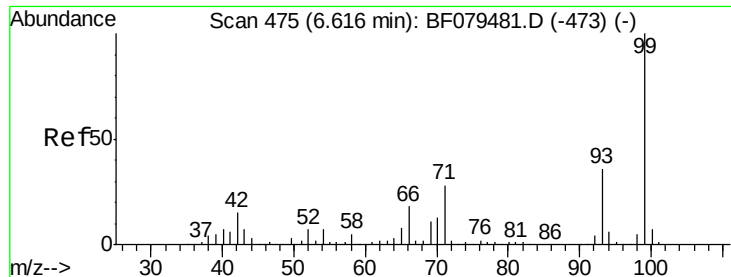
2-Fluorophenol
Concen: 16.52 ng m
RT: 5.31 min Scan# 361
Delta R.T. 0.01 min
Lab File: BF079516.D
Acq: 27 May 2015 11:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.5	65.3
63	25.7	21.8	32.8



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: 18.52 ng/mL

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079516.D

Acq: 27 May 2015 11:25

Instrument :

BNA_F

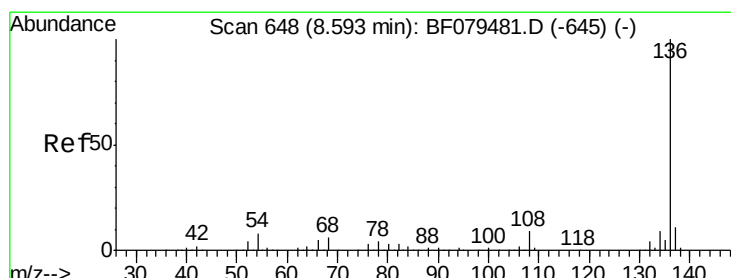
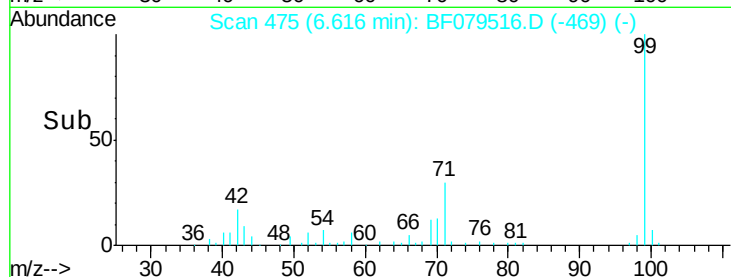
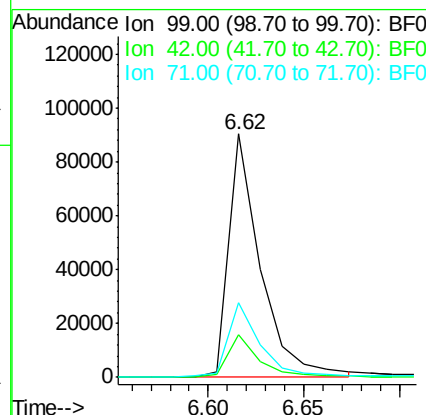
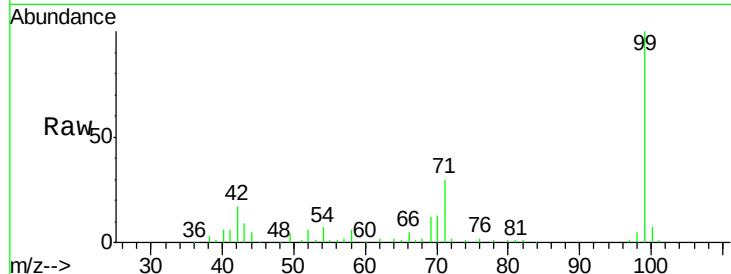
ClientSampleId :

HF-2(11-12)

Tot Ion:	99	Resp:	105404
Ion Ratio	Lower	Upper	
99	100		
42	17.5	11.9	17.9
71	30.5	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

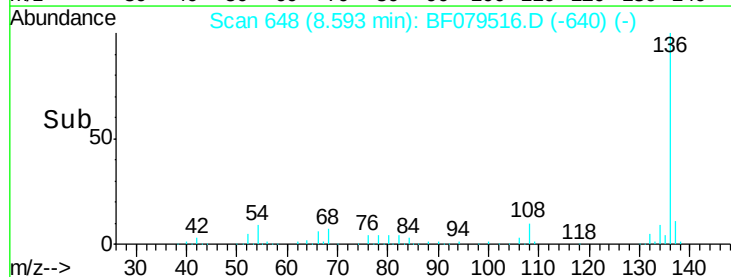
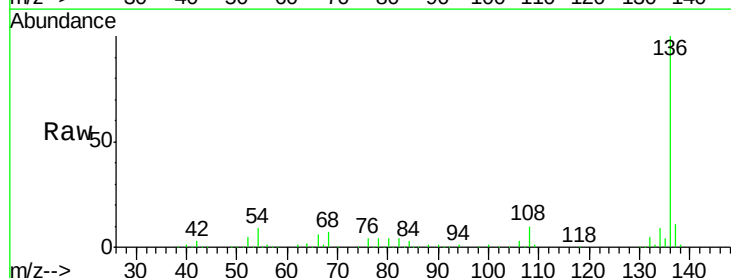
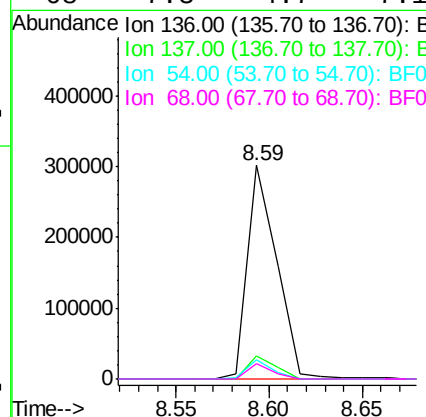
RT: 8.59 min Scan# 648

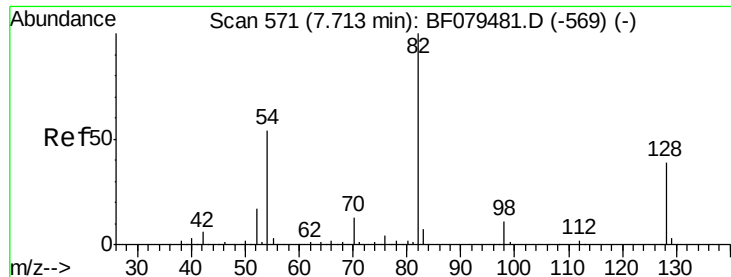
Delta R.T. 0.00 min

Lab File: BF079516.D

Acq: 27 May 2015 11:25

Tgt Ion:	136	Resp:	330205
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	9.1	6.6	9.8
68	7.3	4.7	7.1#





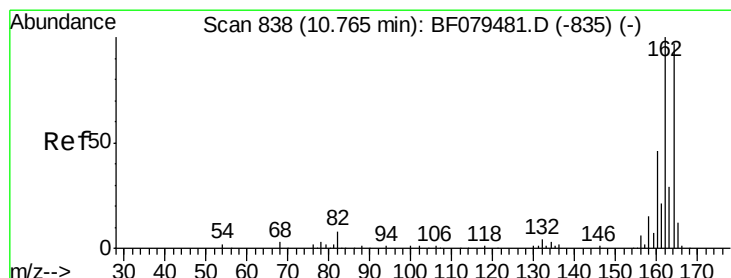
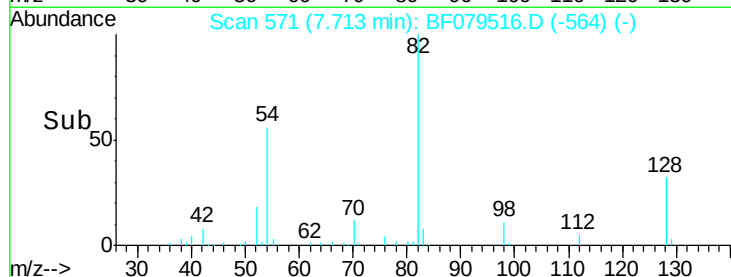
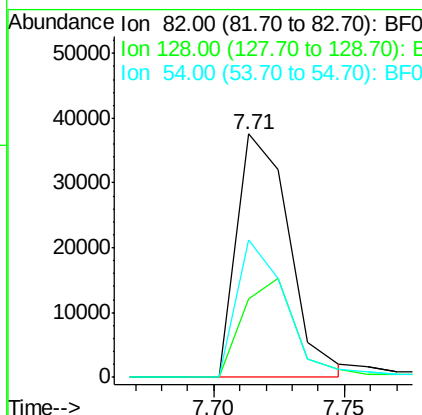
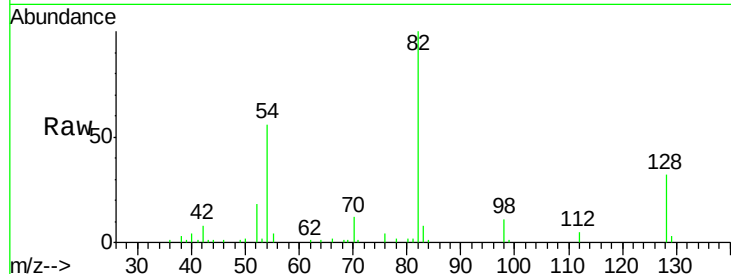
#23
 Nitrobenzene-d5
 Concen: 9.27 ng
 RT: 7.71 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(11-12)

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.5	30.8	46.2
54	56.3	42.8	64.2

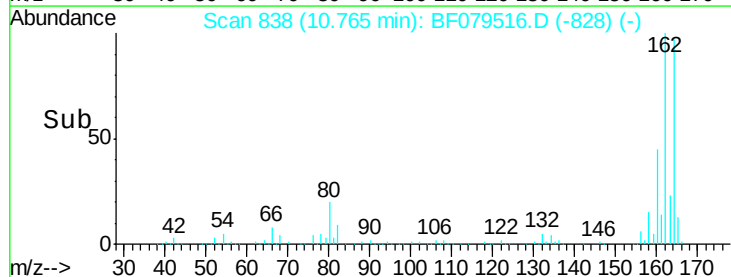
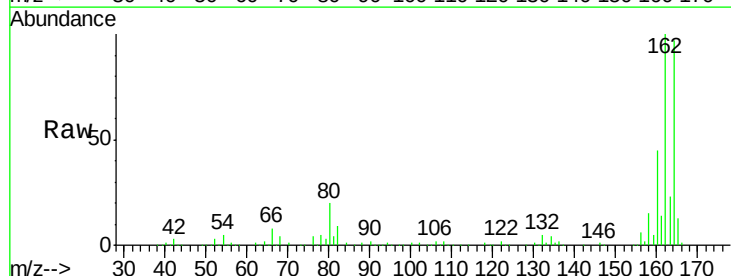
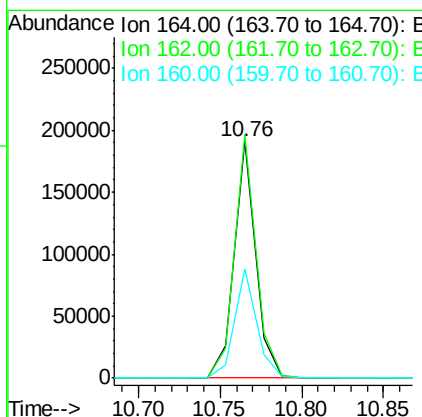
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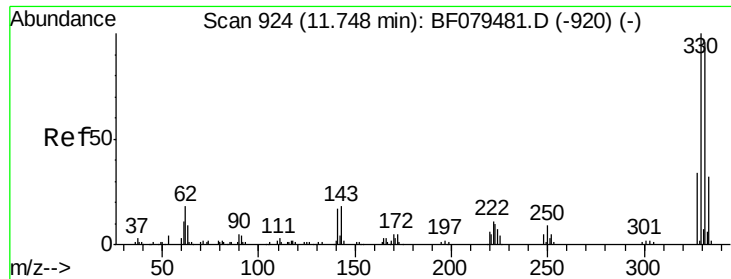
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	124.0
160	46.3	37.7	56.5





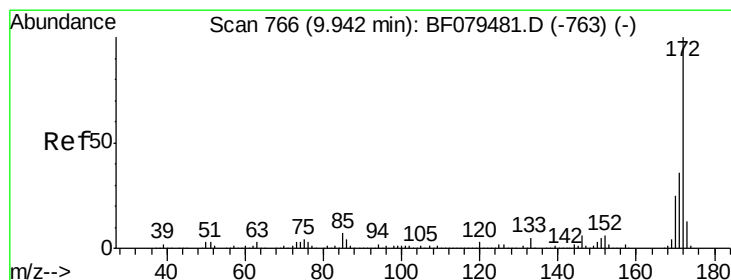
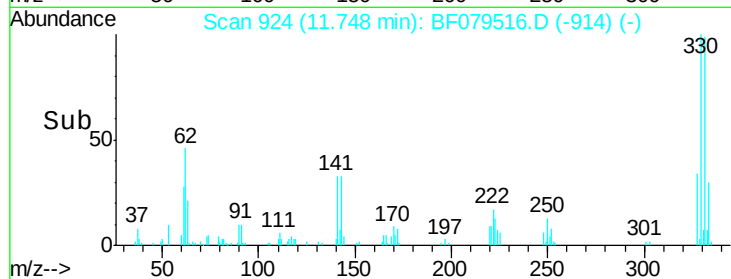
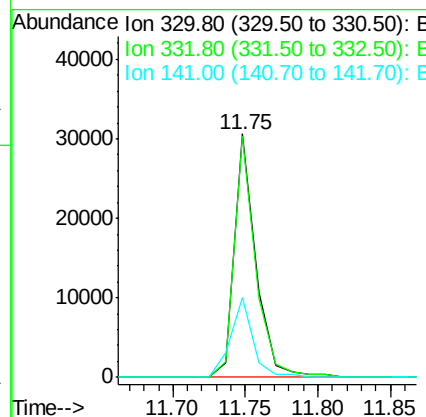
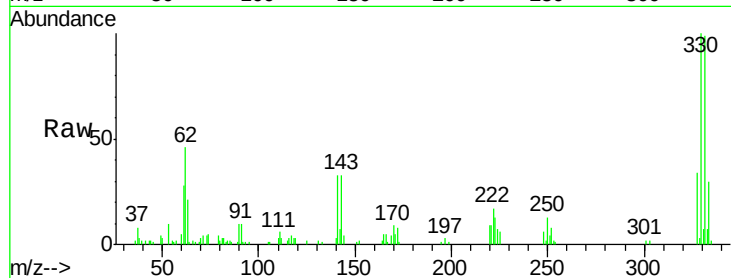
#41
 2,4,6-Tribromophenol
 Concen: 16.68 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(11-12)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	34.3	0.0	0.0#

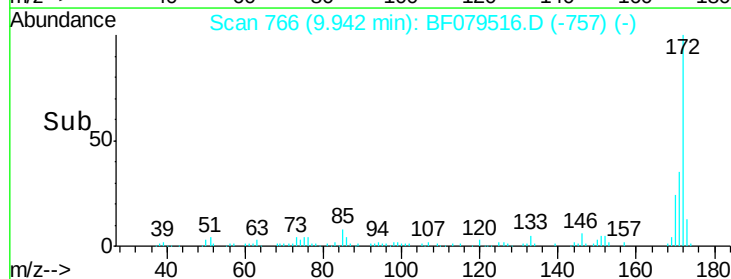
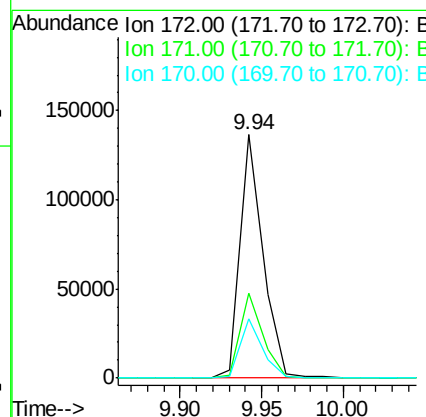
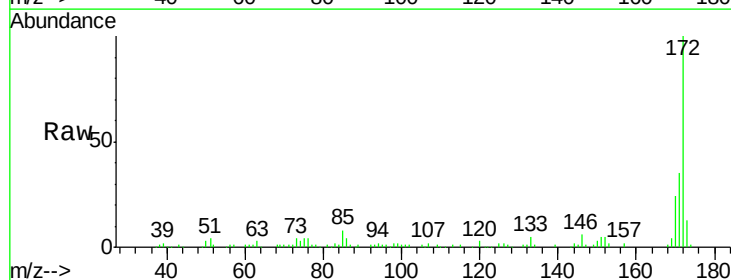
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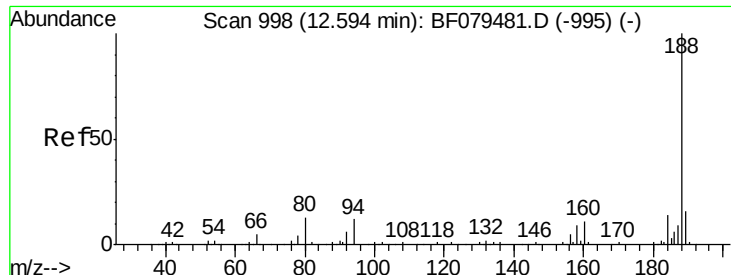
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#44
 2-Fluorobiphenyl
 Concen: 11.00 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.7	28.5	42.7
170	24.1	19.7	29.5





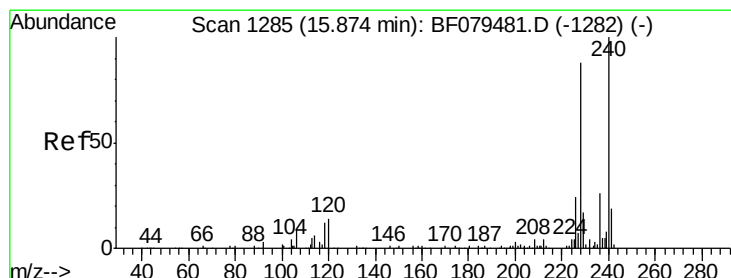
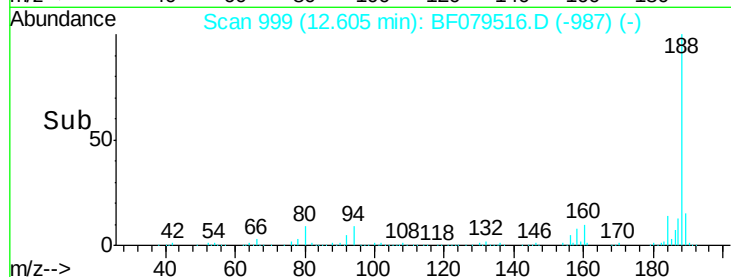
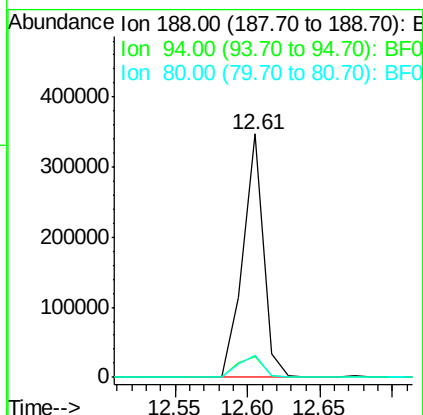
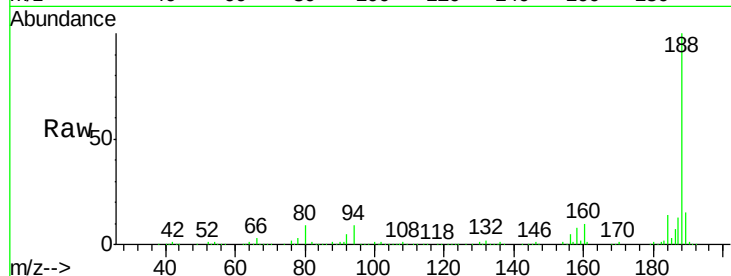
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079516.D
Acq: 27 May 2015 11:25

Instrument :
BNA_F
ClientSampleId :
HF-2(11-12)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	9.8	14.6#
80	9.0	10.5	15.7#

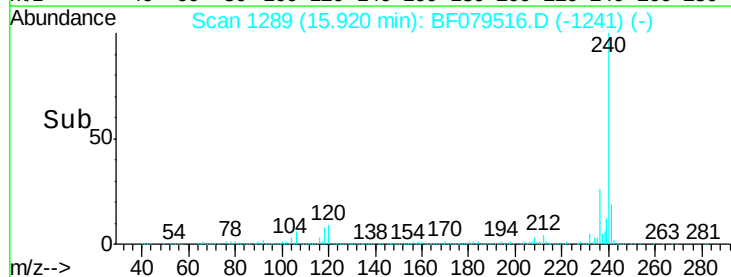
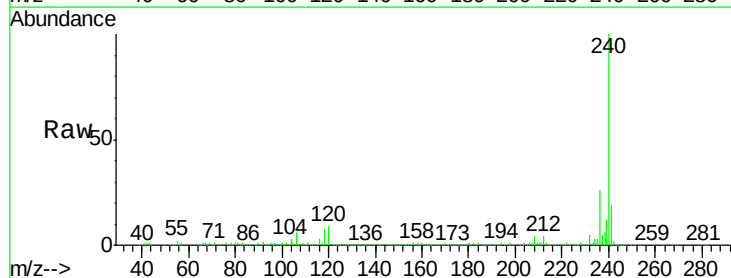
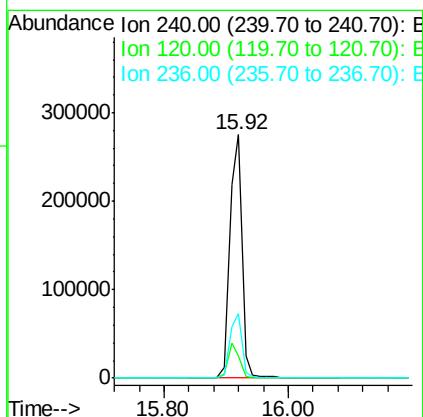
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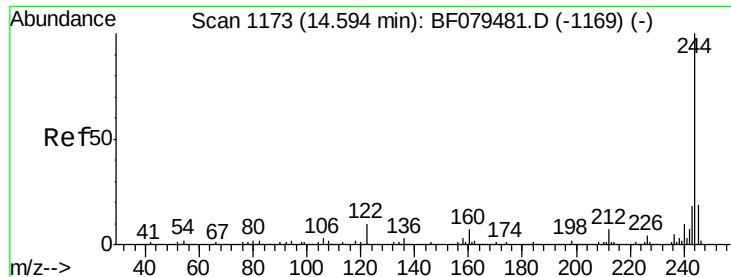
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.05 min
Lab File: BF079516.D
Acq: 27 May 2015 11:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.0	10.8	16.2#
236	26.4	21.0	31.6





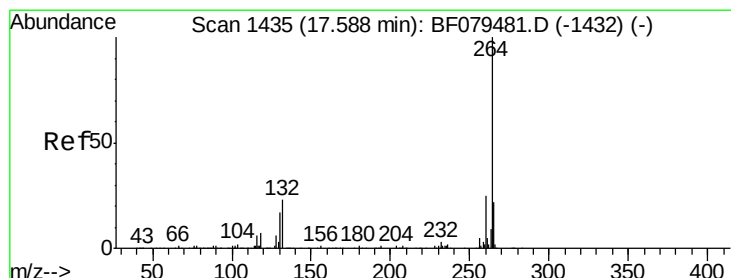
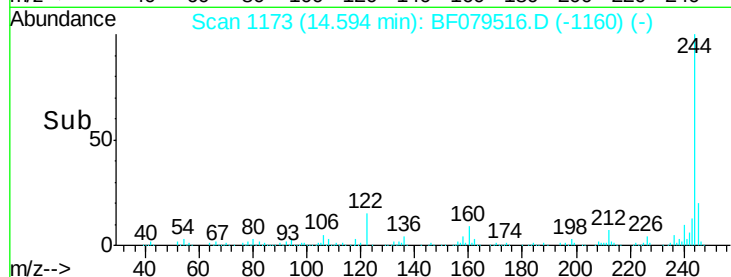
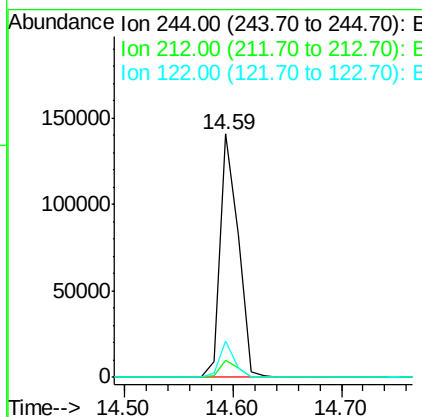
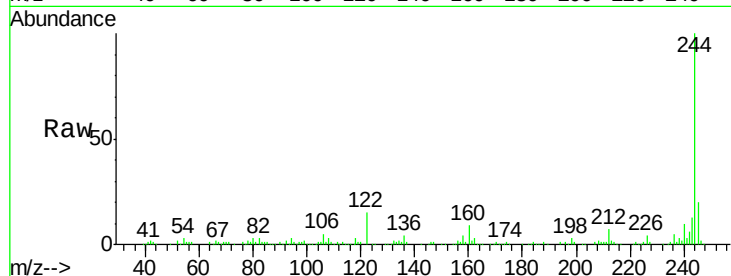
#78
 Terphenyl-d14
 Concen: 10.24 ng
 RT: 14.59 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(11-12)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	14.8	8.0	12.0

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1452
 Delta R.T. 0.19 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.8	17.8	26.6

