

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098555.D
 Acq On : 15 Sep 2017 4:00
 Operator : SJ/JU
 Sample : I5216-04 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-091217-B

Manual Integrations
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Quant Time: Sep 15 09:03:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	124576	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	496309	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	190667	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	293172m	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	273516	20.00	ng	-0.02
86) Perylene-d12	15.20	264	229461	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	81106	9.63	ng	-0.02
7) Phenol-d6	6.30	99	101550	9.49	ng	-0.02
23) Nitrobenzene-d5	7.22	82	56148	6.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	11178	8.78	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	105394	9.37	ng	-0.03
78) Terphenyl-d14	12.74	244	71194	5.62	ng	-0.02

Target Compounds Qvalue

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

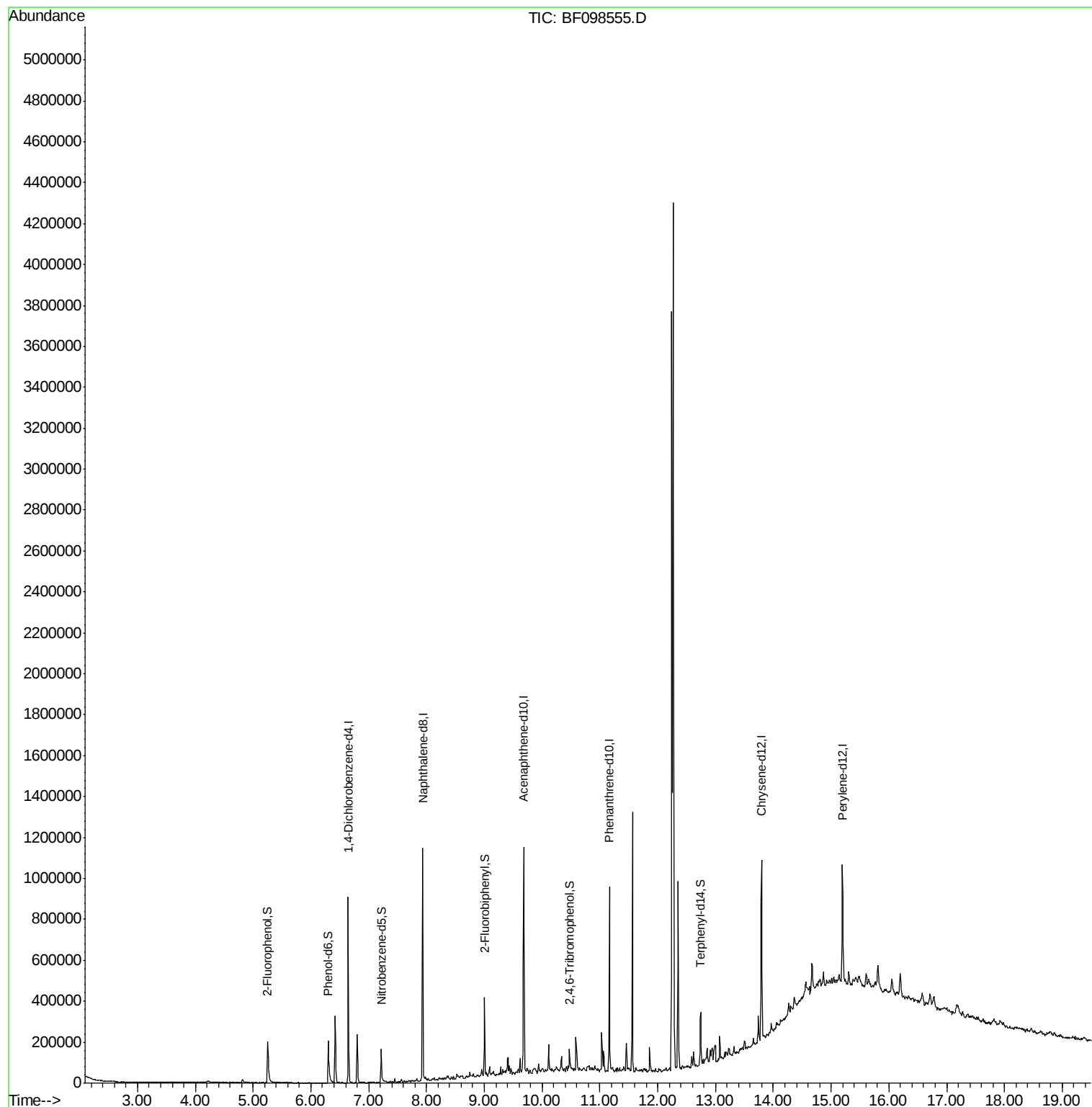
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098555.D
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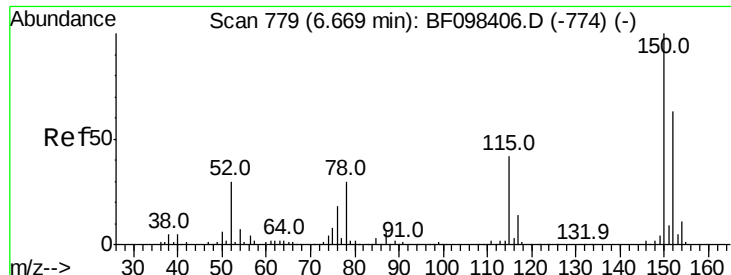
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF098555.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_F

ClientSampleId :

EO-02-091217-B

Tot Ion:152 Resp: 124576

Ion Ratio Lower Upper

152 100

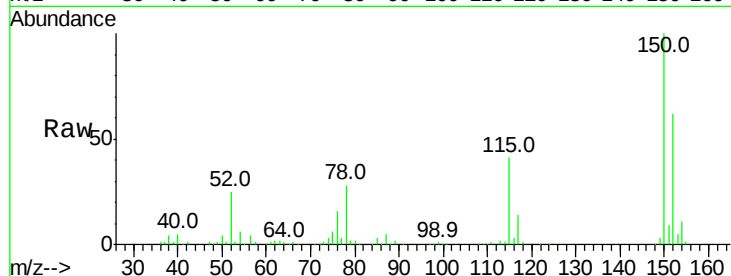
150 160.1 126.2 189.2

115 66.4 52.2 78.2

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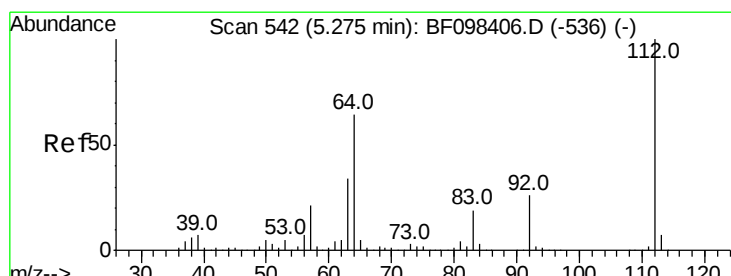
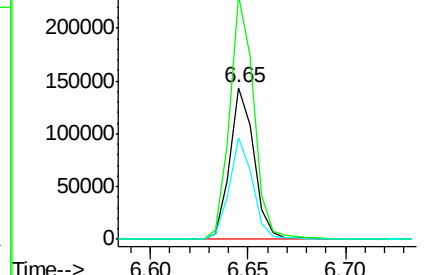
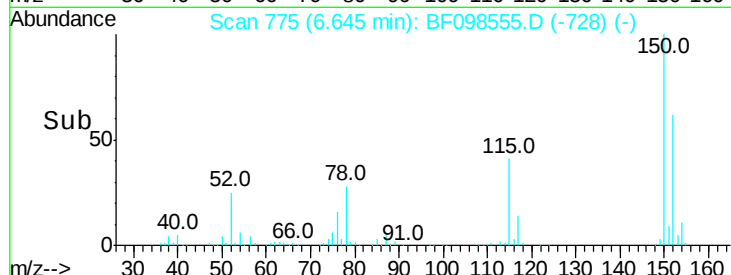
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 9.626 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF098555.D

Acq: 15 Sep 2017 4:00

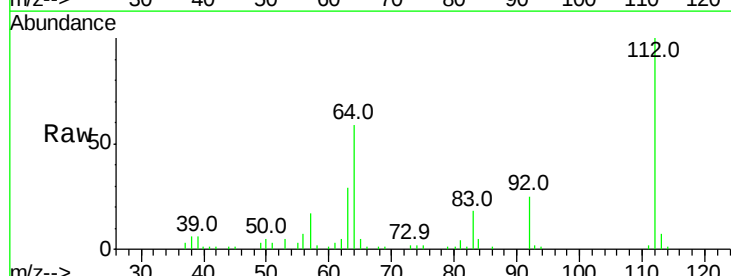
Tgt Ion:112 Resp: 81106

Ion Ratio Lower Upper

112 100

64 59.0 46.0 69.0

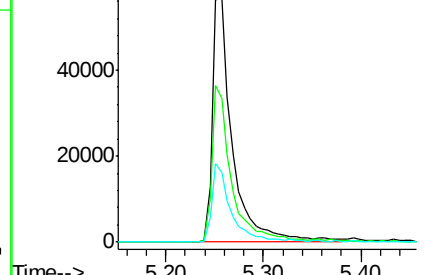
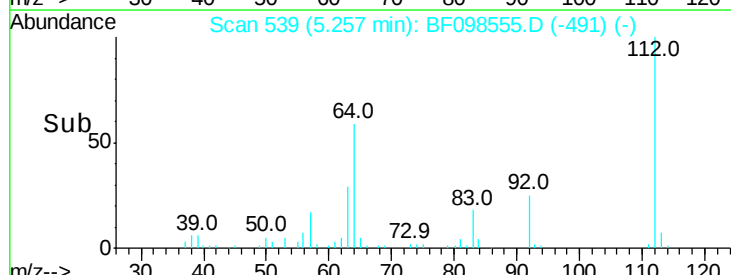
63 28.5 23.4 35.0



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: 9.493 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098555.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_F

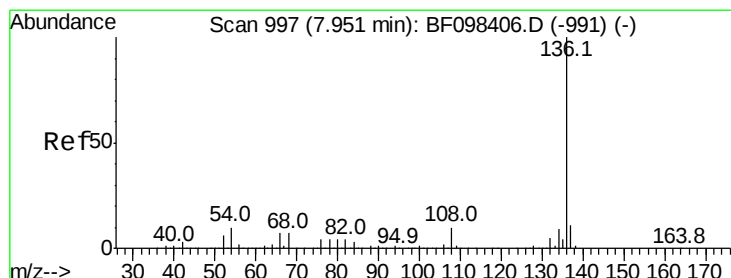
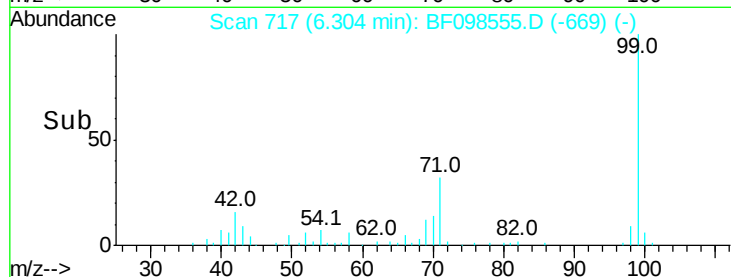
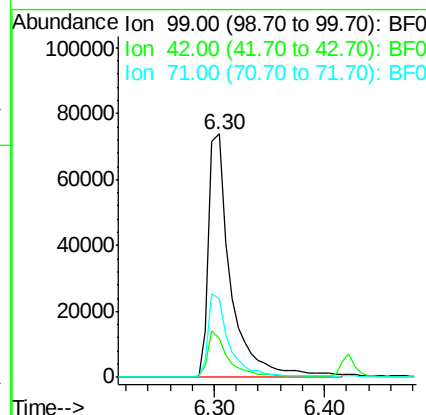
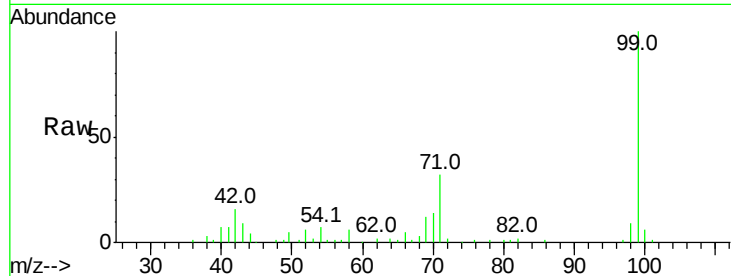
ClientSampleId :

EO-02-091217-B

Tot Ion:	99	Resp:	101550
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	32.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

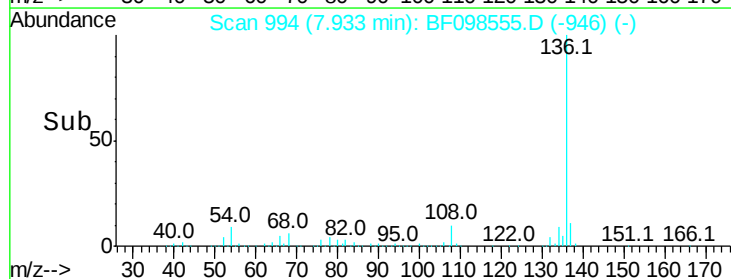
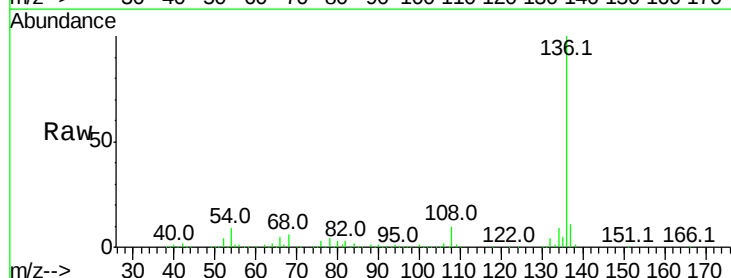
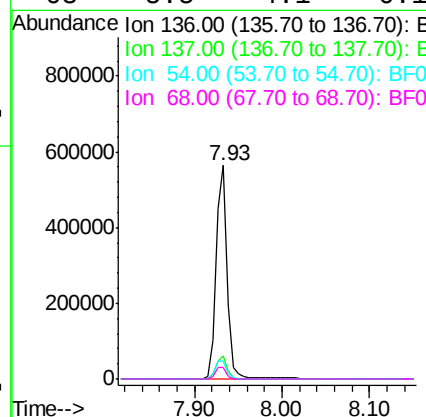
RT: 7.93 min Scan# 994

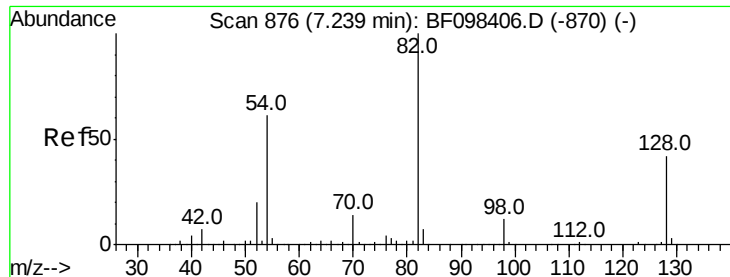
Delta R.T. -0.02 min

Lab File: BF098555.D

Acq: 15 Sep 2017 4:00

Tgt Ion:	136	Resp:	496309
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	8.7	4.9	7.3#
68	5.5	4.1	6.1





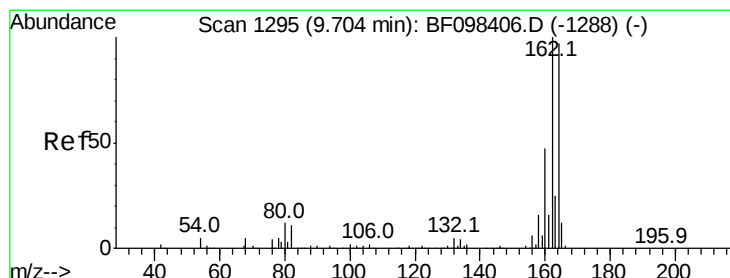
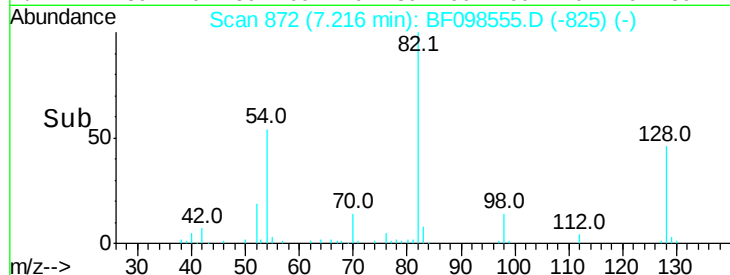
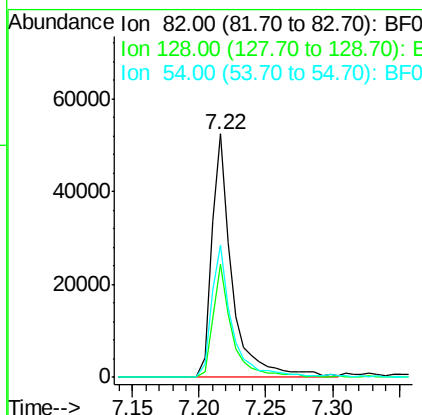
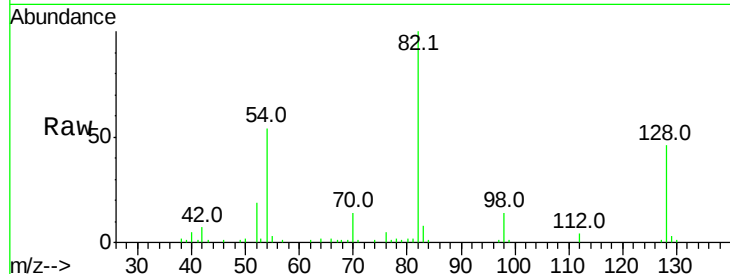
#23
Nitrobenzene-d5
Concen: 6.307 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098555.D
Acq: 15 Sep 2017 4:00

Instrument :
BNA_F
ClientSampled :
EO-02-091217-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	54.4	42.2	63.2

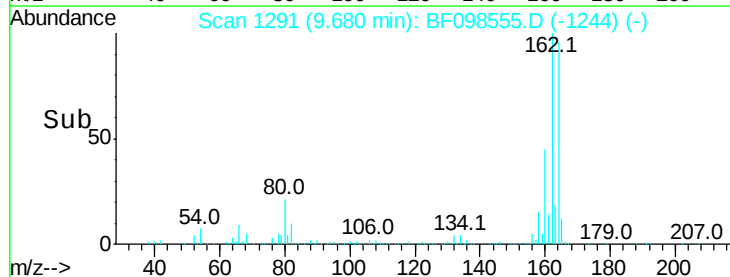
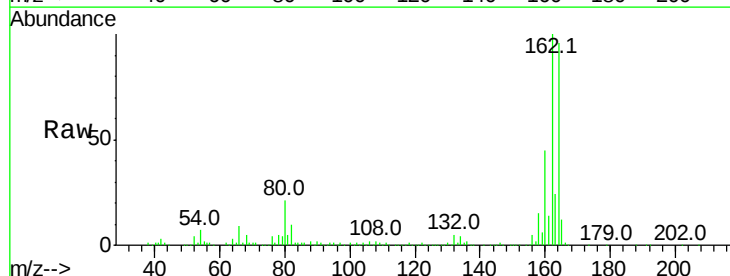
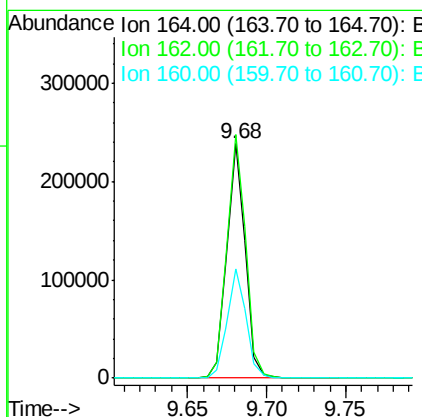
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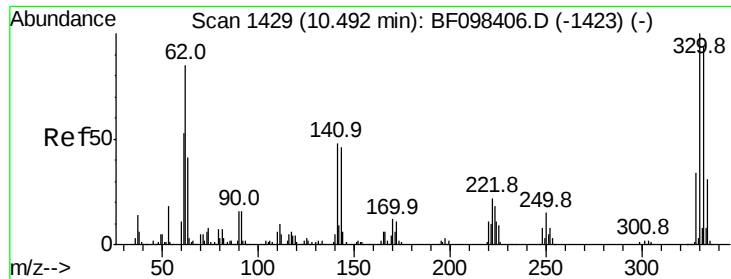
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098555.D
Acq: 15 Sep 2017 4:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	46.8	36.2	54.2





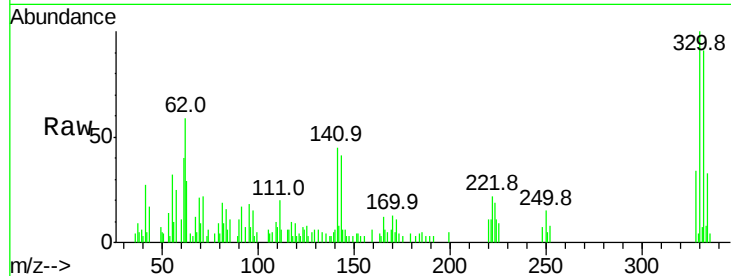
#41
 2,4,6-Tribromophenol
 Concen: 8.784 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098555.D
 Acq: 15 Sep 2017 4:00

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-091217-B

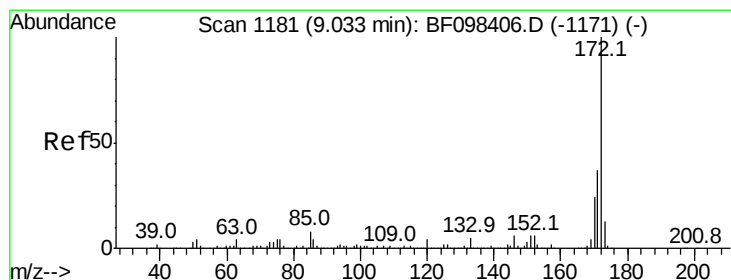
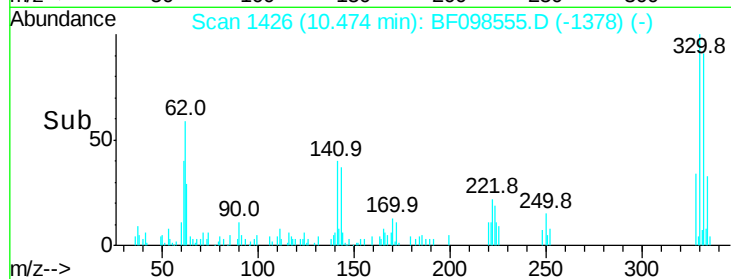
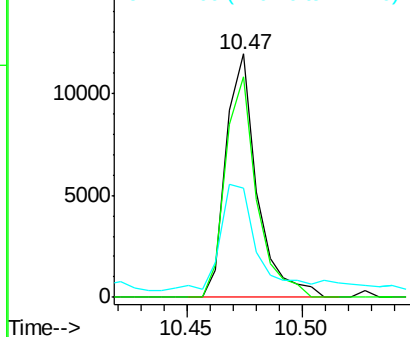
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	91.5	76.6	115.0	
141	56.8	31.4	47.2	

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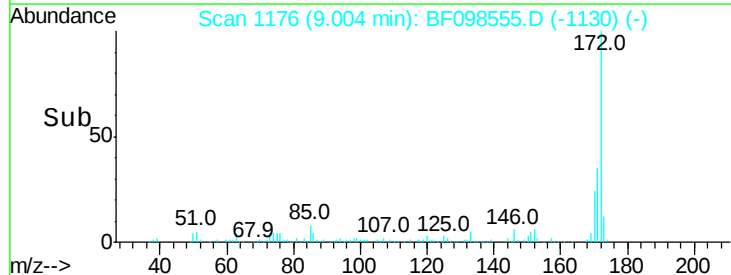
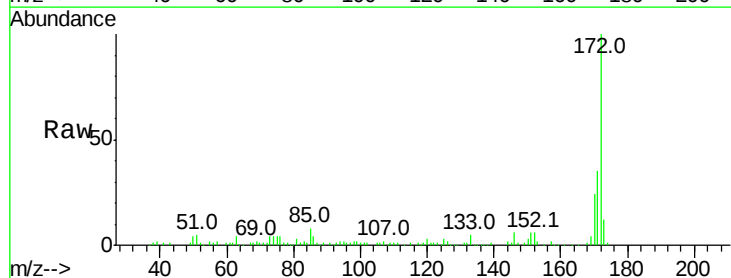
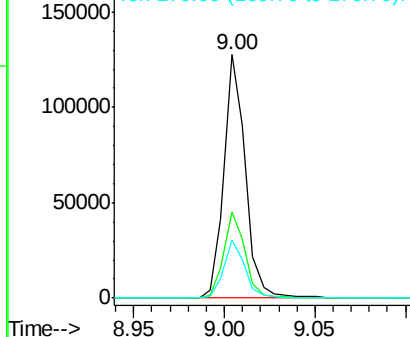
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

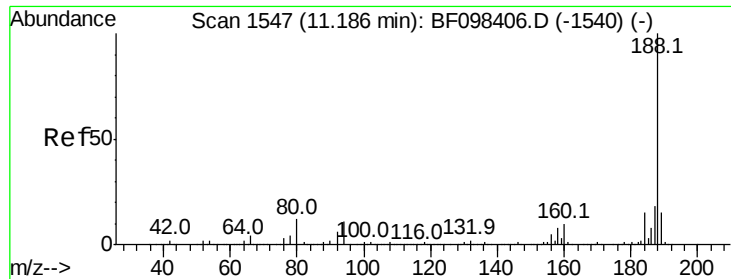


#44
 2-Fluorobiphenyl
 Concen: 9.369 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098555.D
 Acq: 15 Sep 2017 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	24.0	19.8	29.8	

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





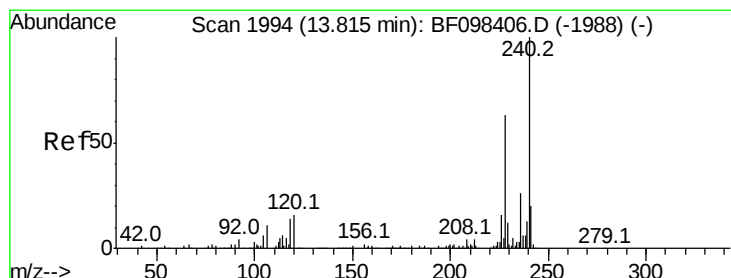
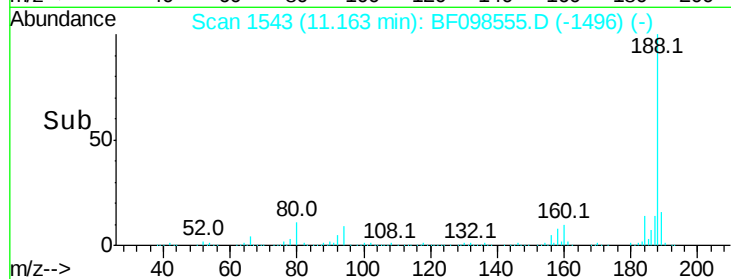
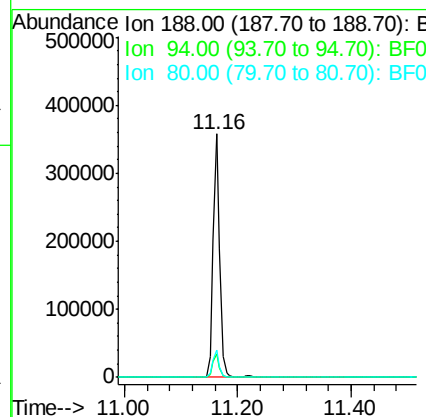
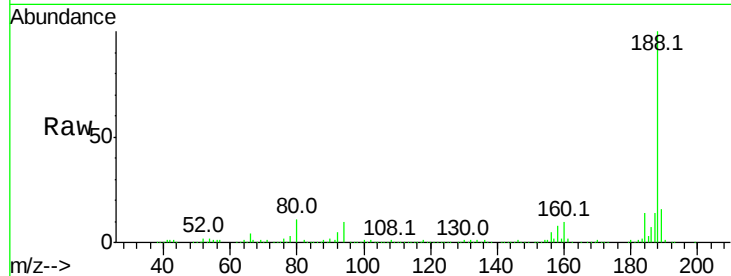
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098555.D
Acq: 15 Sep 2017 4:00

Instrument :
BNA_F
ClientSampleId :
EO-02-091217-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	293172		
94	9.6		9.4	14.2
80	11.0		10.2	15.2

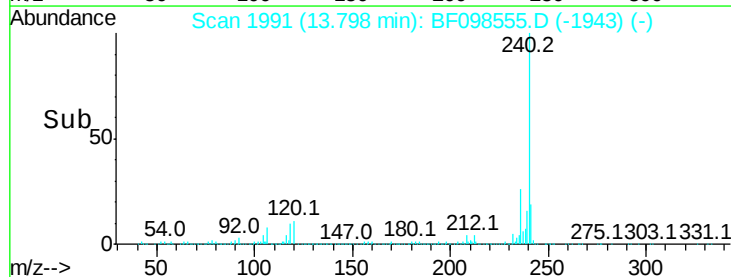
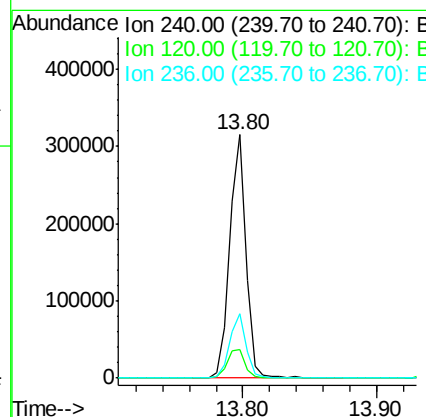
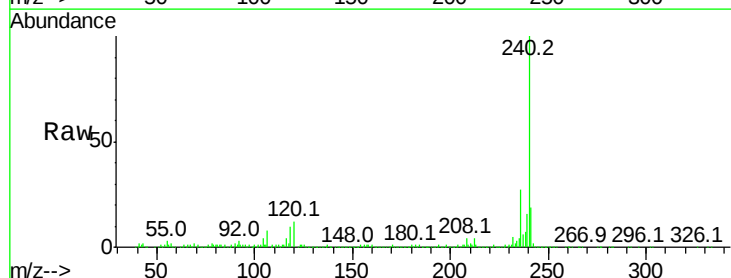
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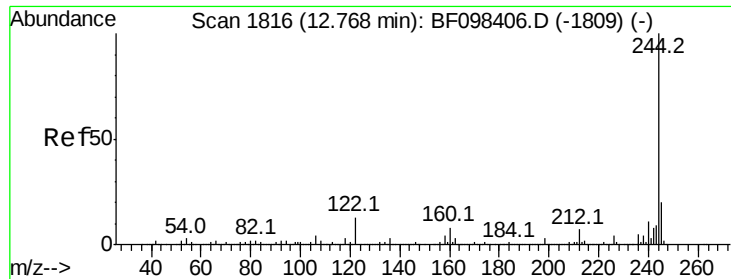
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098555.D
Acq: 15 Sep 2017 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	273516		
120	11.6		5.8	8.8#
236	26.6		20.5	30.7





#78

Terphenyl-d14

Concen: 5.618 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098555.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_F

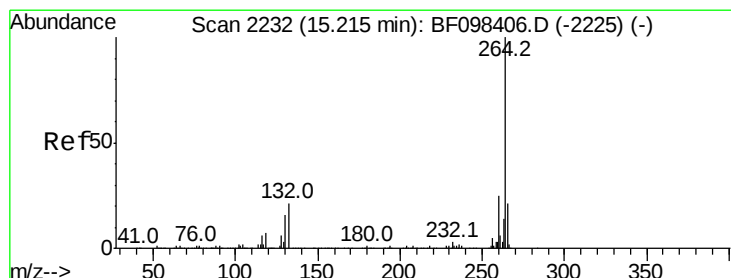
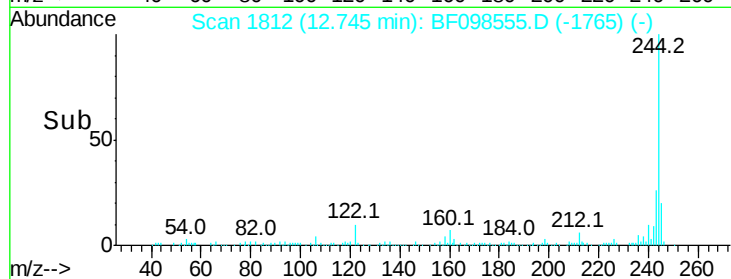
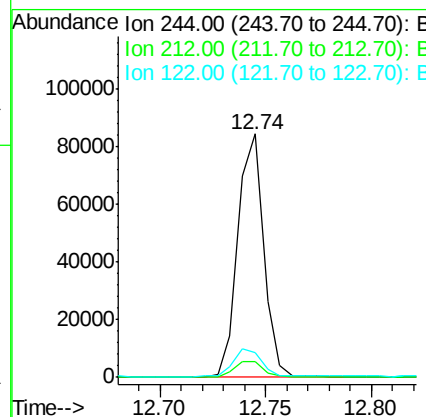
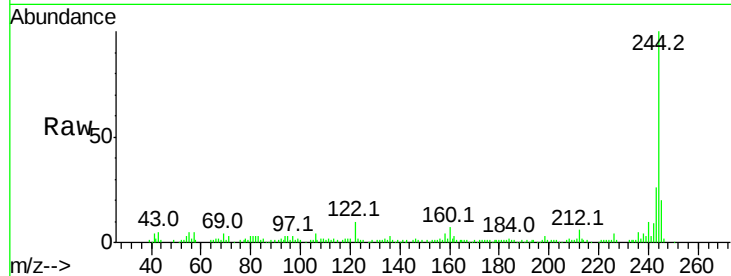
ClientSampleId :

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Tot Ion:	244	Resp:	71194
Ion Ratio	Lower	Upper	
244	100		
212	6.5	6.0	9.0
122	10.1	10.3	15.5

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF098555.D

Acq: 15 Sep 2017 4:00

Tgt Ion:	264	Resp:	229461
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	22.9	17.2	25.8

