

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096185.D
 Acq On : 24 Jun 2017 12:22
 Operator : SJ/MA
 Sample : I3872-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-062217-A

Manual Integrations
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Quant Time: Jun 29 13:25:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	71522	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	282850	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	118815	20.00	ng	-0.04
63) Phenanthrene-d10	14.51	188	182079	20.00	ng	-0.03
75) Chrysene-d12	18.25	240	145253	20.00	ng	-0.02
86) Perylene-d12	19.93	264	125910	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	39872m	8.88	ng	0.05
7) Phenol-d6	6.92	99	42802	7.97	ng	0.05
23) Nitrobenzene-d5	8.22	82	33641	7.39	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	8316	7.91	ng	0.00
44) 2-Fluorobiphenyl	11.08	172	69114	8.09	ng	-0.03
78) Terphenyl-d14	16.90	244	44810	7.66	ng	-0.03

Target Compounds Qvalue

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

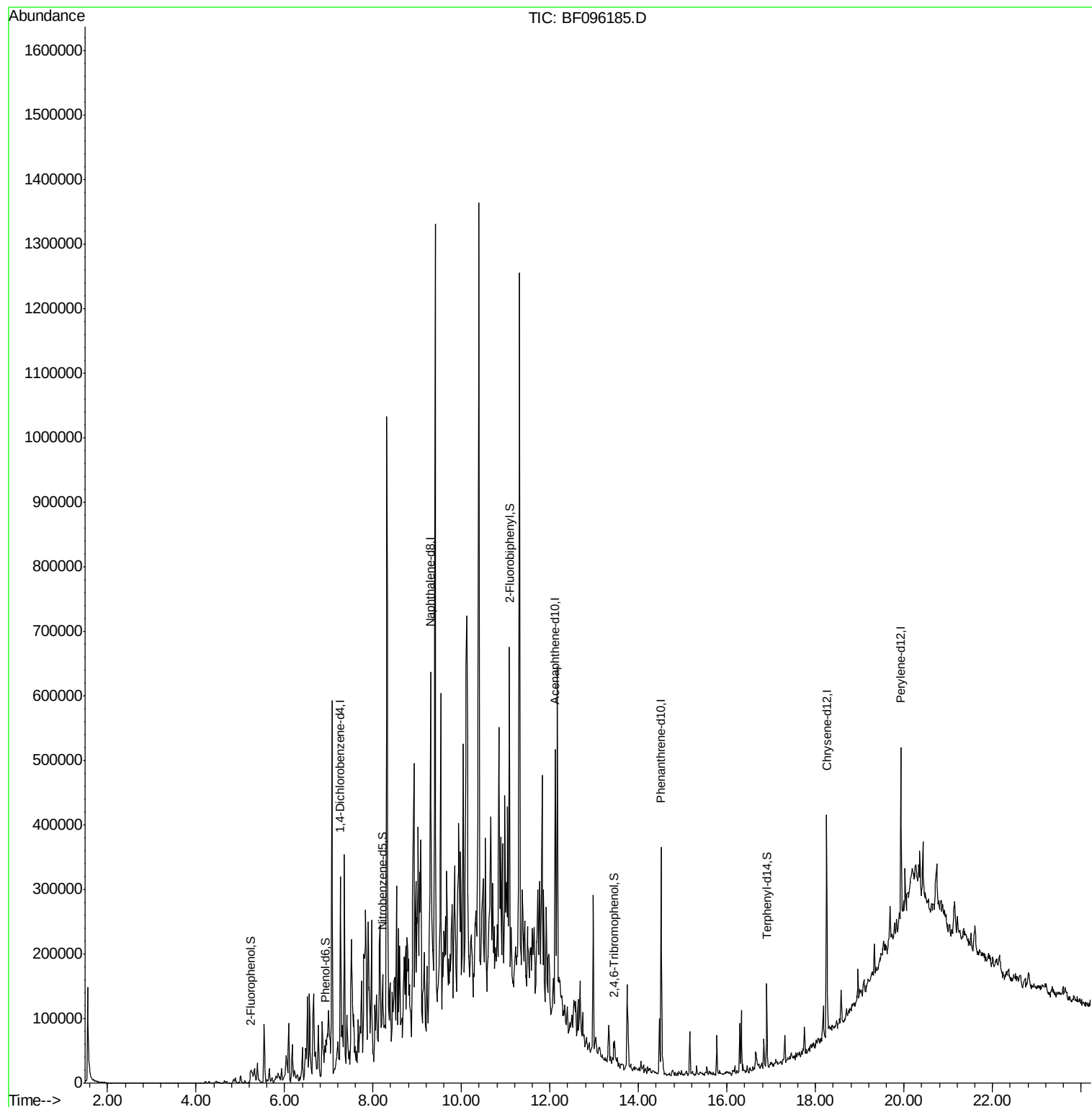
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096185.D
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ALS Vial : 7 Sample Multiplier: 1

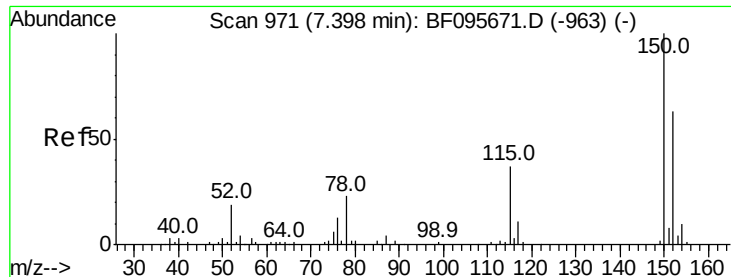
Instrument :
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#1

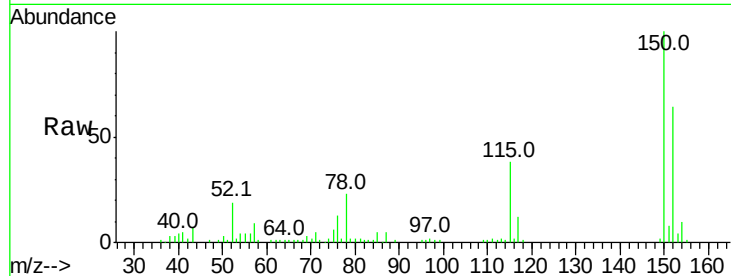
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096185.D
Acq: 24 Jun 2017 12:22

Instrument :
BNA_F
ClientSampleId :
HR-05-062217-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	59.4	52.2	78.2

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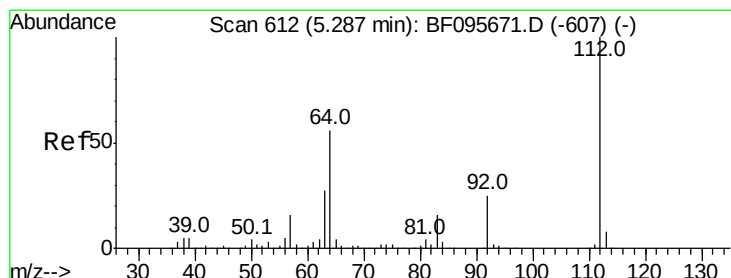
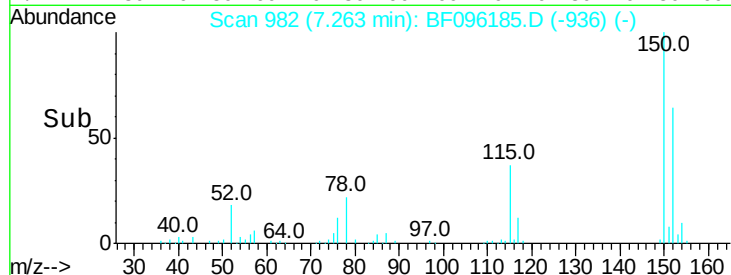
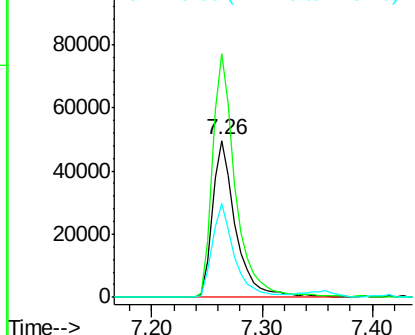


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

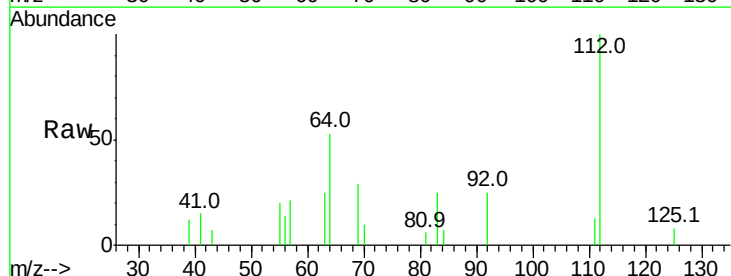
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 8.88 ng m
RT: 5.23 min Scan# 637
Delta R.T. 0.05 min
Lab File: BF096185.D
Acq: 24 Jun 2017 12:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.0	69.0
63	24.6	23.4	35.0

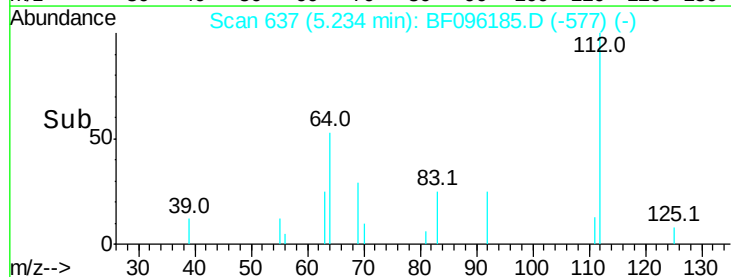
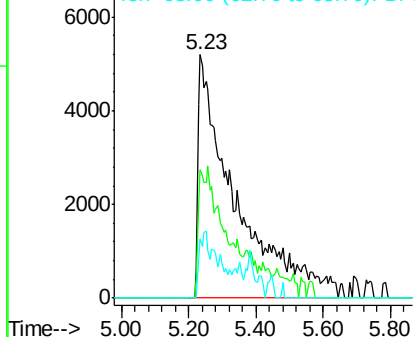


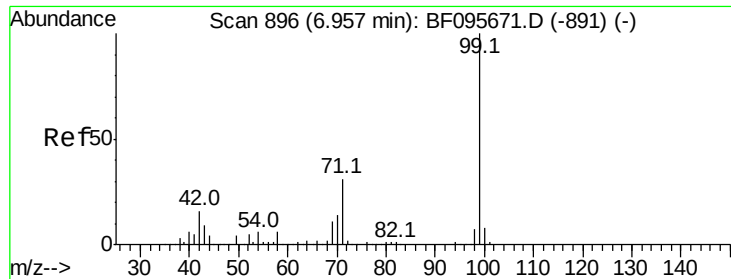
Abundance

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: 7.97 ng

RT: 6.92 min Scan# 924

Delta R.T. 0.05 min

Lab File: BF096185.D

Acq: 24 Jun 2017 12:22

Instrument :

BNA_F

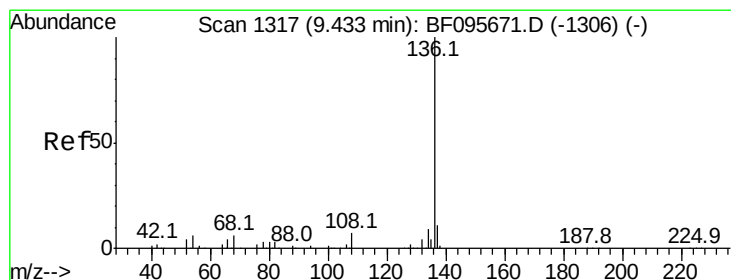
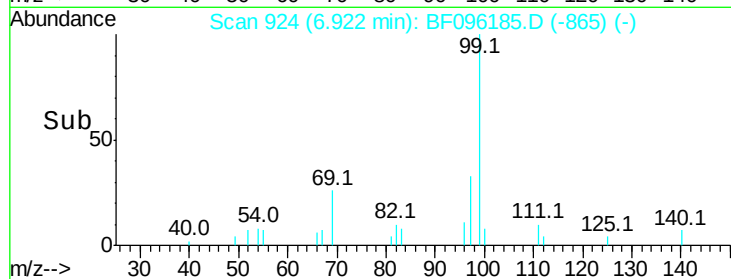
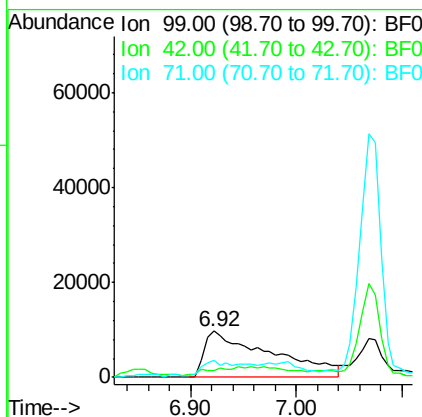
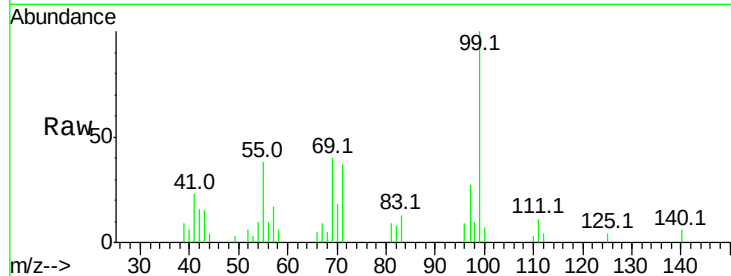
ClientSampleId :

HR-05-062217-A

Tot Ion:	99	Resp:	42802
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	36.8	24.5	36.7#

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#21

Naphthalene-d8

Concen: 20.00 ng

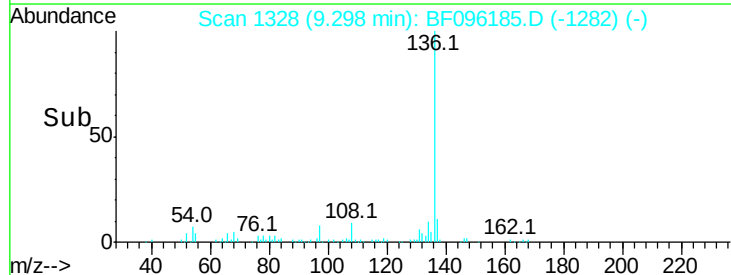
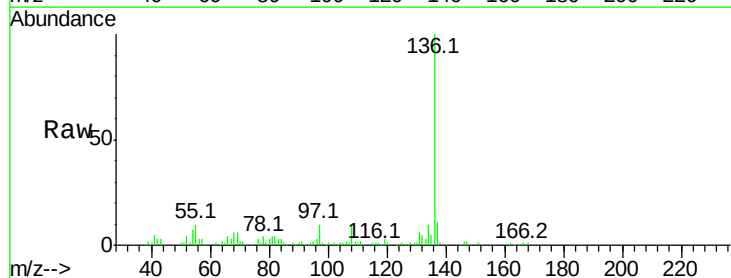
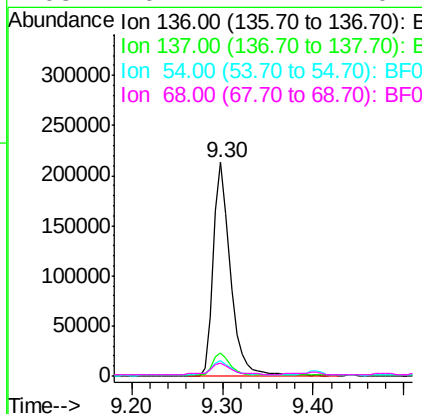
RT: 9.30 min Scan# 1328

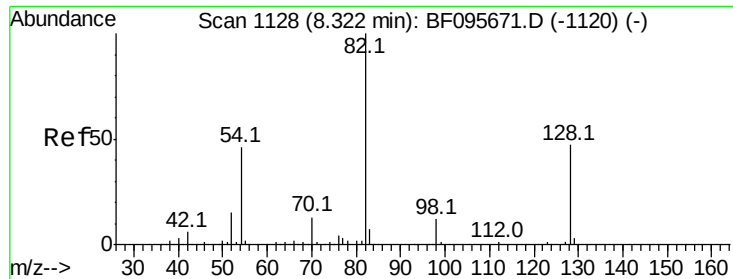
Delta R.T. -0.03 min

Lab File: BF096185.D

Acq: 24 Jun 2017 12:22

Tgt Ion:	136	Resp:	282850
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.3	4.9	7.3
68	6.1	4.1	6.1#





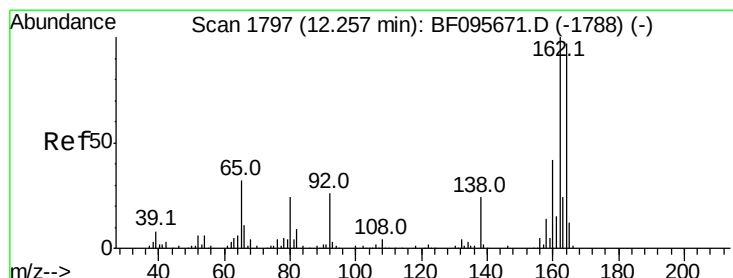
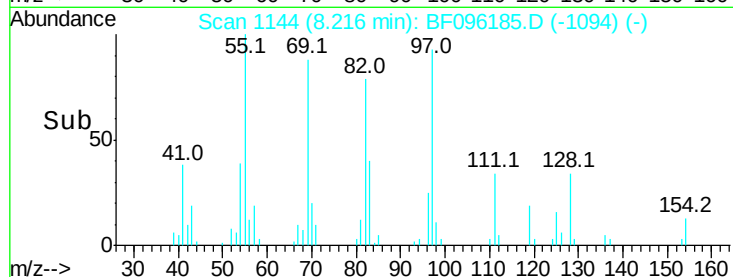
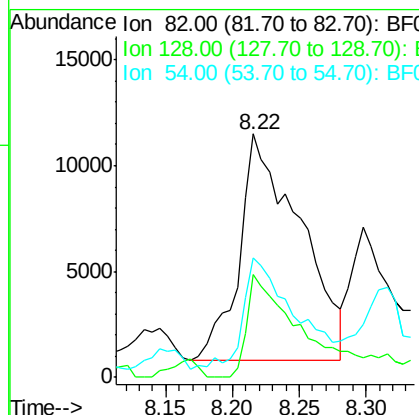
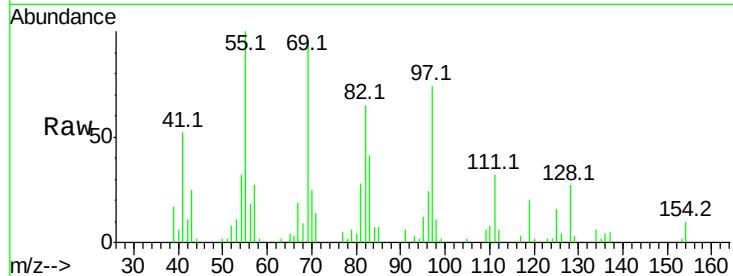
#23
 Nitrobenzene-d5
 Concen: 7.39 ng
 RT: 8.22 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF096185.D
 Acq: 24 Jun 2017 12:22

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-062217-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.0	51.0
54	48.9	42.2	63.2

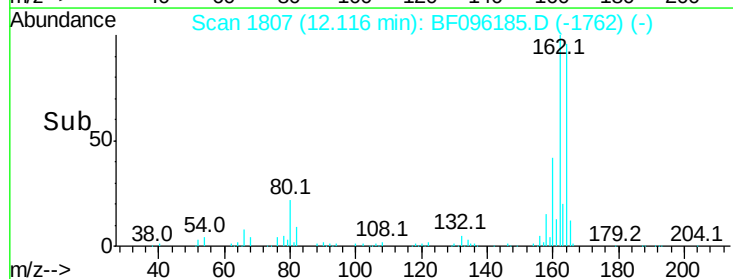
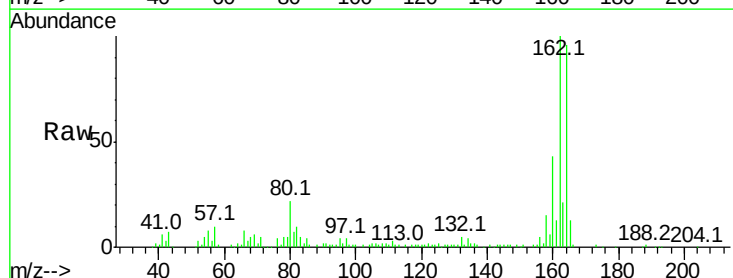
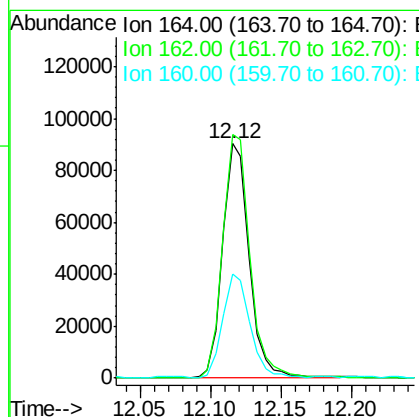
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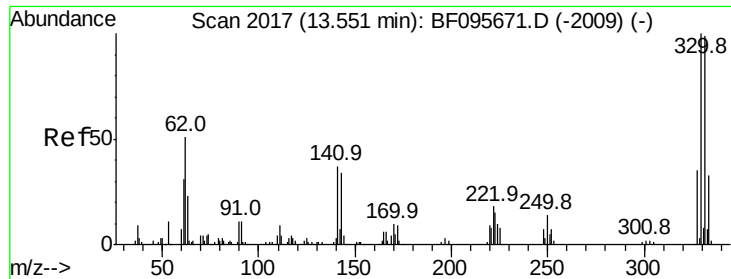
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF096185.D
 Acq: 24 Jun 2017 12:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	44.5	36.2	54.2





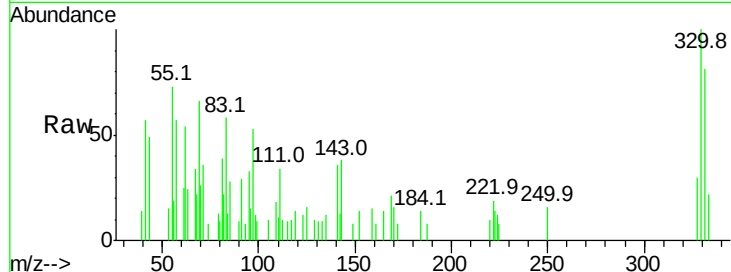
#41
2,4,6-Tribromophenol
Concen: 7.91 ng
RT: 13.44 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF096185.D
Acq: 24 Jun 2017 12:22

Instrument :
BNA_F
ClientSampleId :
HR-05-062217-A

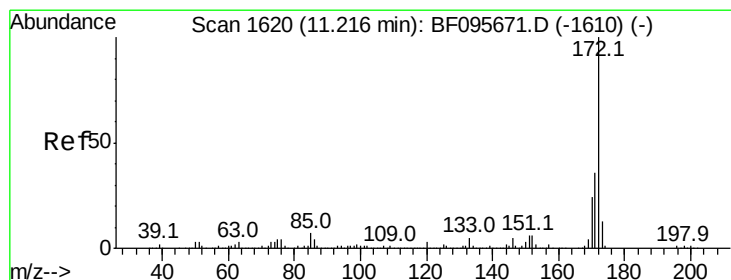
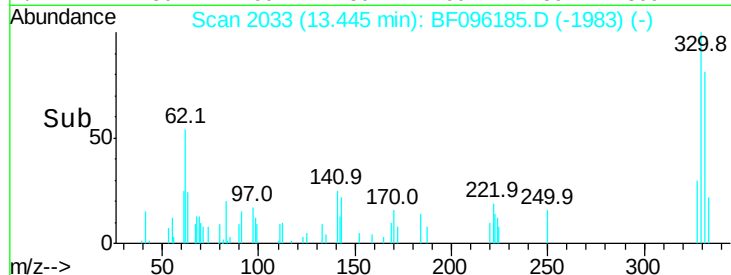
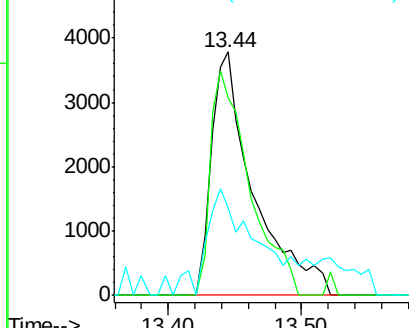
Tot Ion:330 Resp: 8316
Ion Ratio Lower Upper
330 100
332 86.8 76.6 115.0
141 55.0 31.4 47.2#

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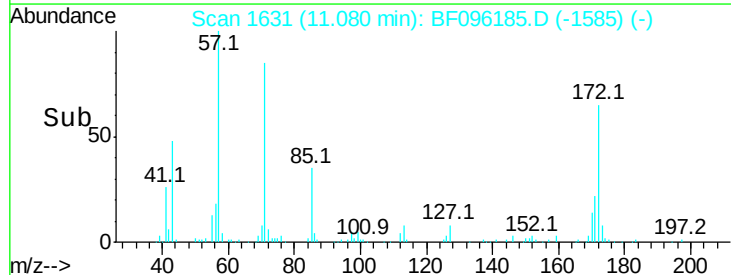
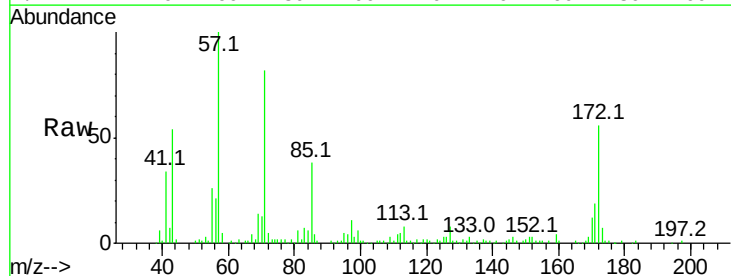
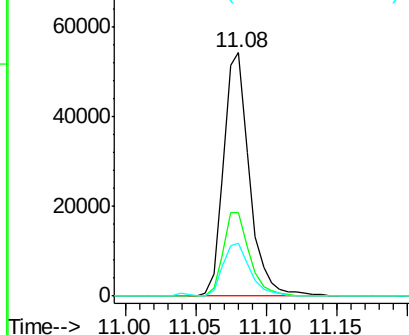
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

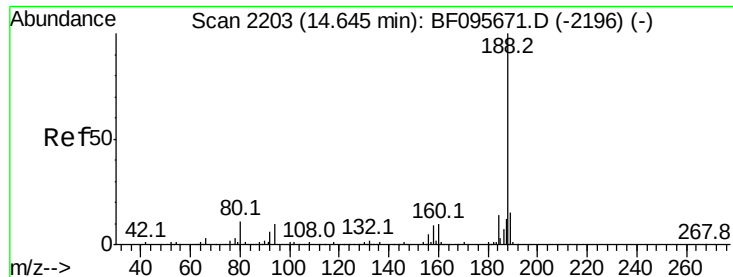


#44
2-Fluorobiphenyl
Concen: 8.09 ng
RT: 11.08 min Scan# 1631
Delta R.T. -0.03 min
Lab File: BF096185.D
Acq: 24 Jun 2017 12:22

Tgt Ion:172 Resp: 69114
Ion Ratio Lower Upper
172 100
171 34.2 29.6 44.4
170 22.0 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





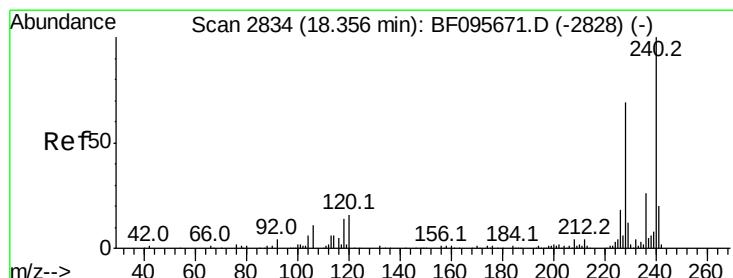
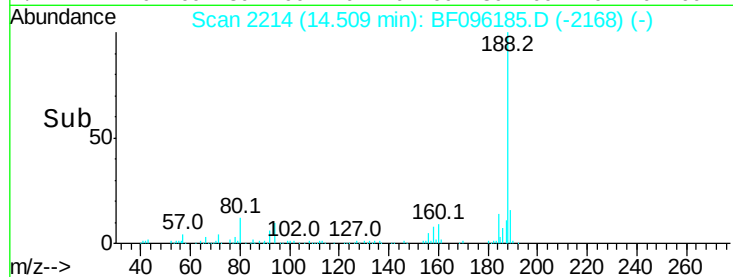
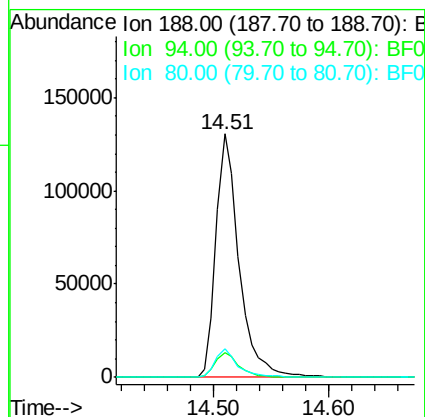
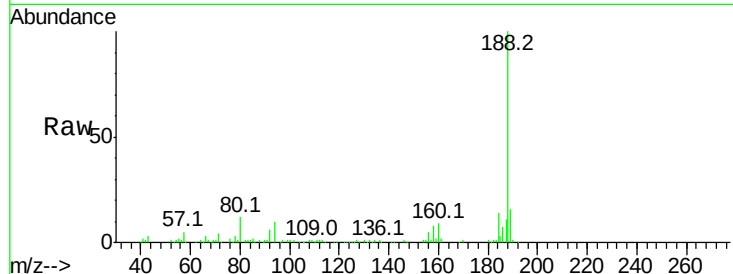
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.51 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF096185.D
Acq: 24 Jun 2017 12:22

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	9.4	14.2
80	11.8	10.2	15.2

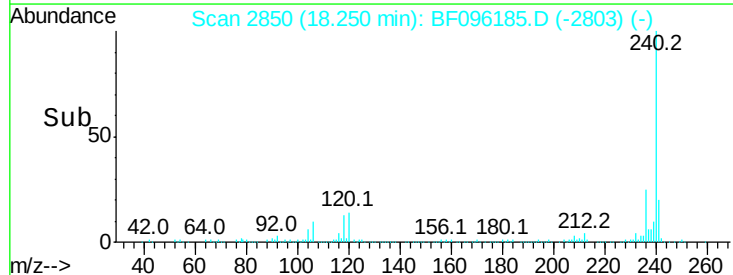
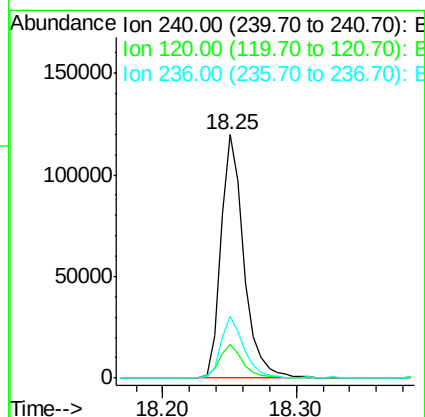
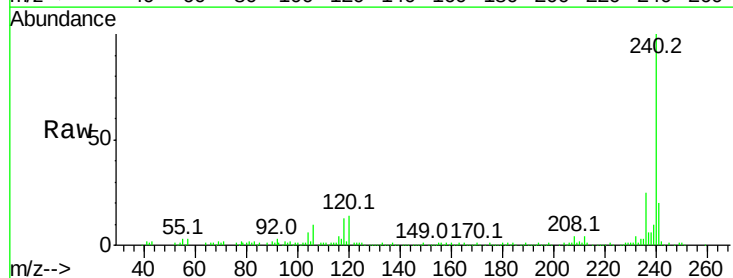
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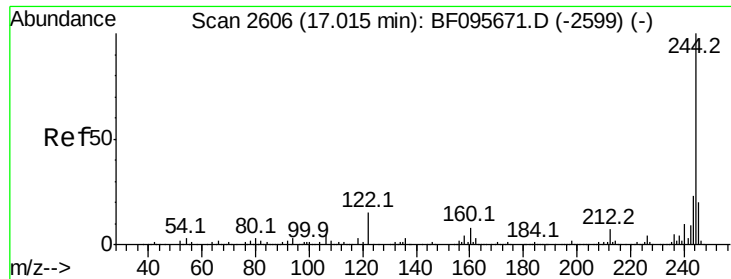
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.25 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BF096185.D
Acq: 24 Jun 2017 12:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.9	5.8	8.8#
236	25.2	20.5	30.7





#78

Terphenyl-d14

Concen: 7.66 ng

RT: 16.90 min Scan# 2620

Delta R.T. -0.03 min

Lab File: BF096185.D

Acq: 24 Jun 2017 12:22

Instrument :

BNA_F

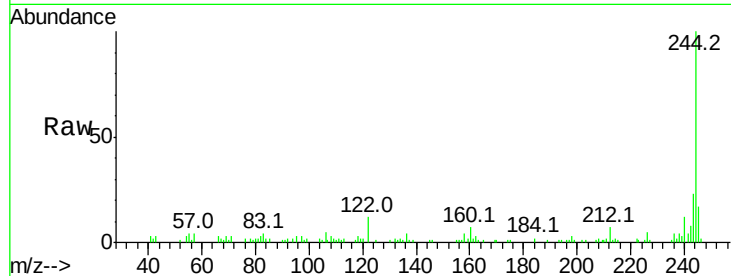
ClientSampleId :

HR-05-062217-A

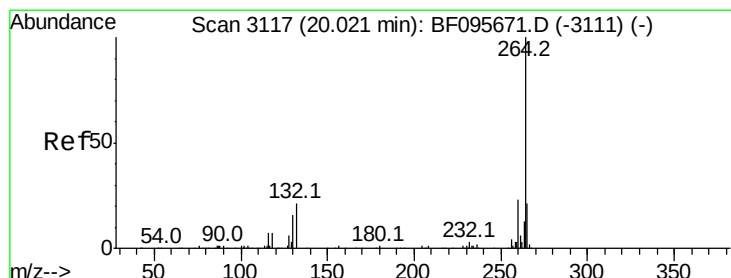
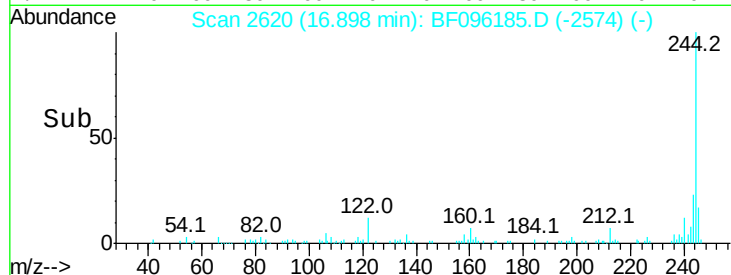
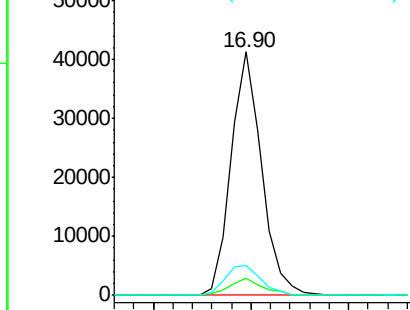
Tot Ion:	244	Resp:	44810
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	12.2	10.3	15.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

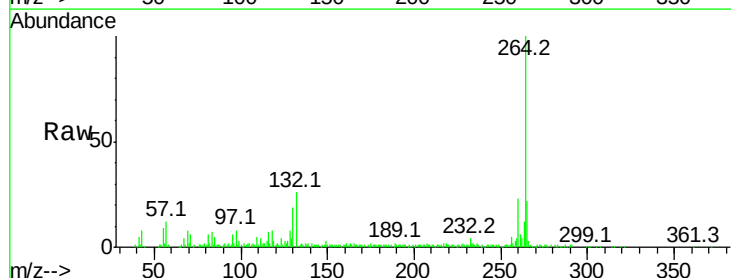
RT: 19.93 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BF096185.D

Acq: 24 Jun 2017 12:22

Tgt Ion:	264	Resp:	125910
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.5	29.3
265	21.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

