

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096198.D
 Acq On : 24 Jun 2017 19:25
 Operator : SJ/MA
 Sample : I3851-02 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-26-1.5-3

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Quant Time: Jun 26 02:57:09 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	58099	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	215982	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	85012	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	143469	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	121414	20.00	ng	-0.02
86) Perylene-d12	19.93	264	87499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	15788m	4.33	ng	0.10
7) Phenol-d6	6.97	99	9253	2.12	ng	0.09
23) Nitrobenzene-d5	8.26	82	12522m	3.60	ng	0.04
41) 2,4,6-Tribromophenol	13.45	330	3745	4.98	ng	0.00
44) 2-Fluorobiphenyl	11.08	172	33317	5.45	ng	-0.03
78) Terphenyl-d14	16.90	244	25820	5.28	ng	-0.03
Target Compounds						
87) Benzo(b)fluoranthene	19.54	252	11984m	2.19	ng	Qvalue

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

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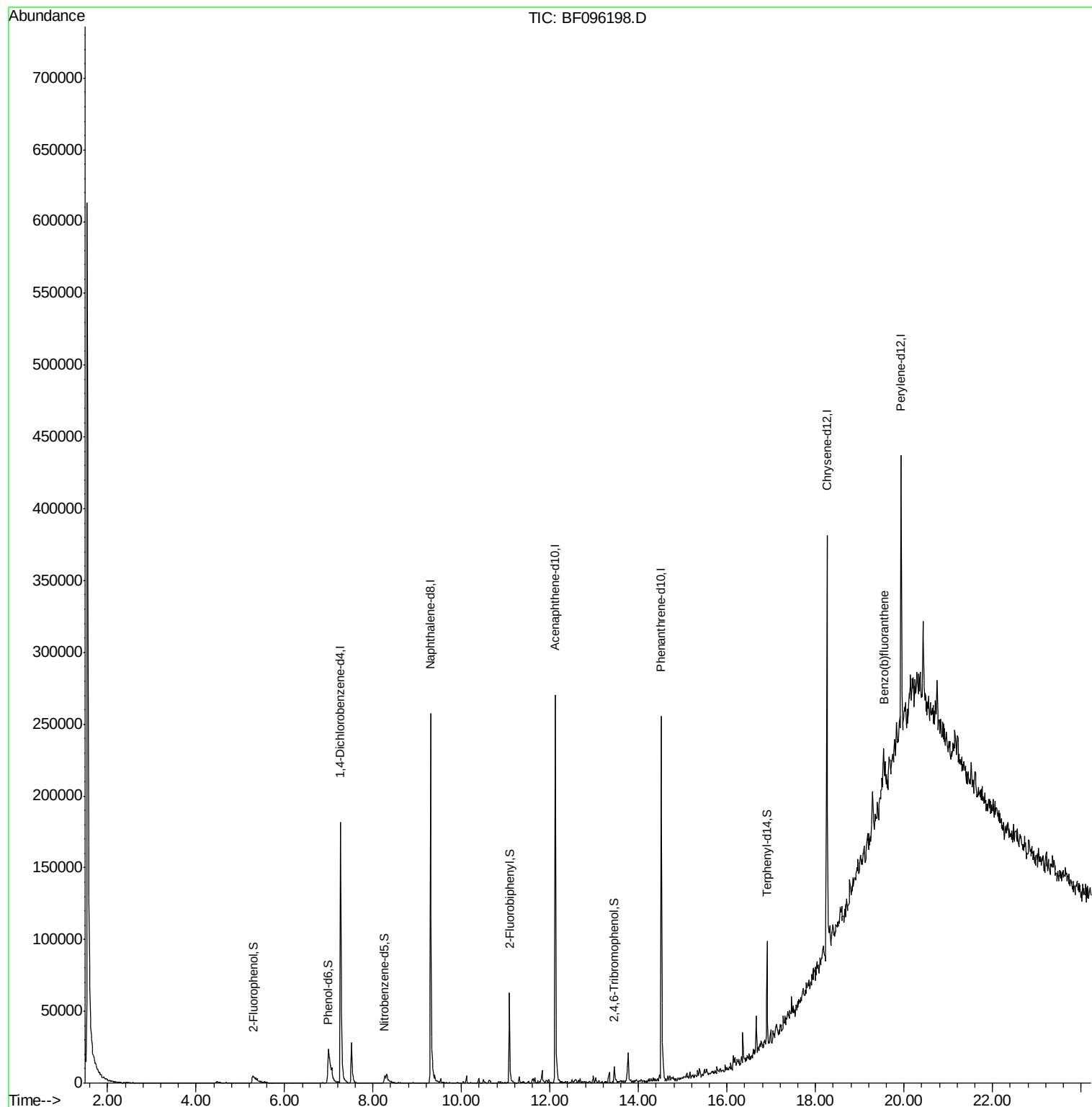
Instrument :
BNA_F
ClientSampleId :
G-26-1.5-3

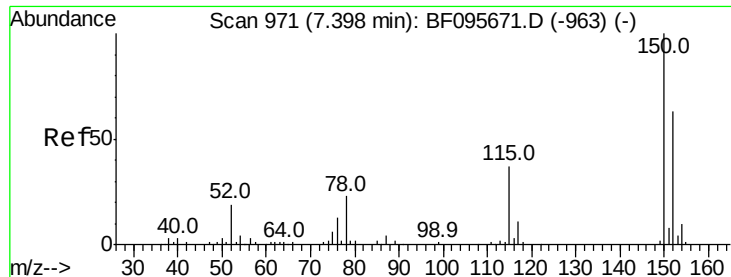
Quant Time: Jun 26 02:57:09 2017
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#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096198.D
Acq: 24 Jun 2017 19:25

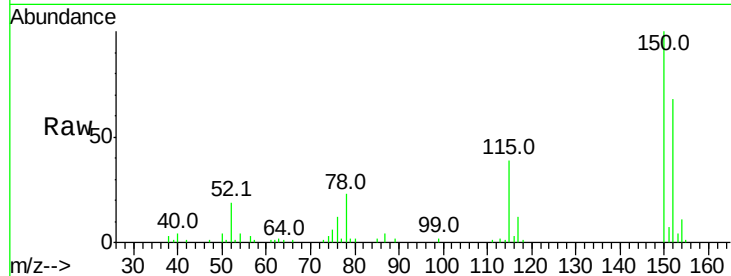
Instrument :
BNA_F
ClientSampleId :
G-26-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	126.2	189.2
115	57.8	52.2	78.2

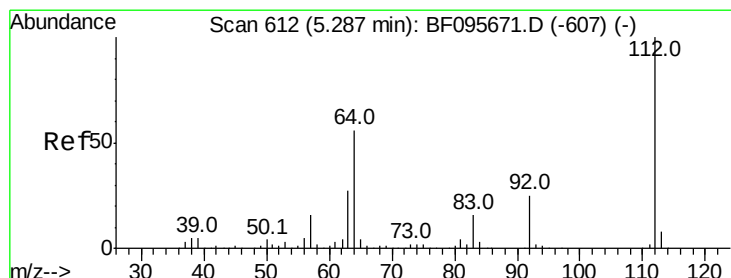
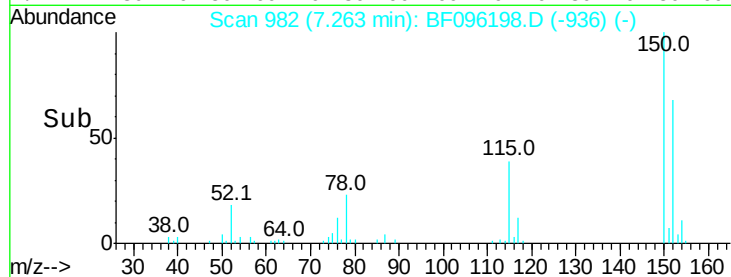
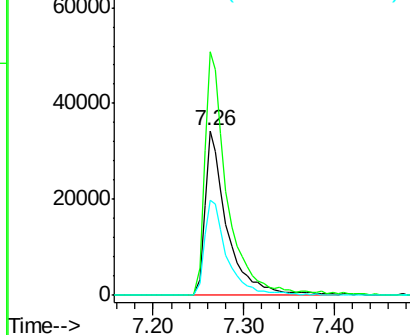
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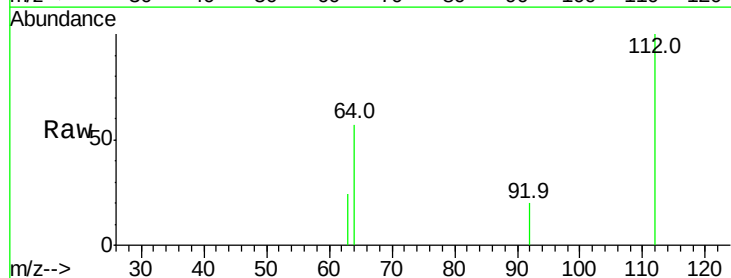
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



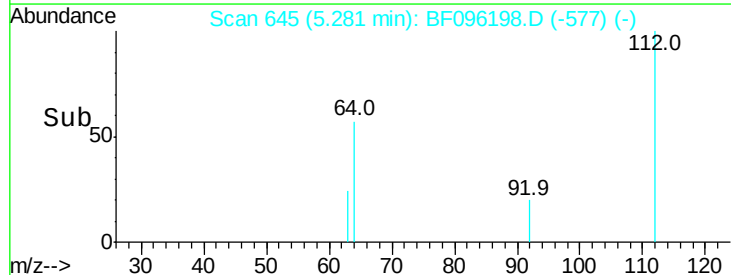
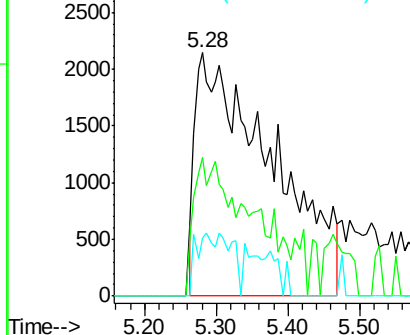
#5

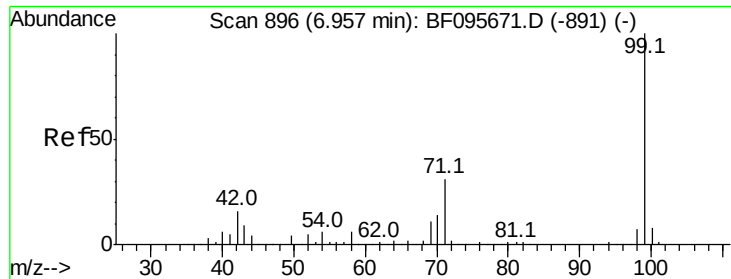
2-Fluorophenol
Concen: 4.33 ng m
RT: 5.28 min Scan# 645
Delta R.T. 0.10 min
Lab File: BF096198.D
Acq: 24 Jun 2017 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	23.8	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: 2.12 ng

RT: 6.97 min Scan# 932

Delta R.T. 0.09 min

Lab File: BF096198.D

Acq: 24 Jun 2017 19:25

Instrument :

BNA_F

ClientSampleId :

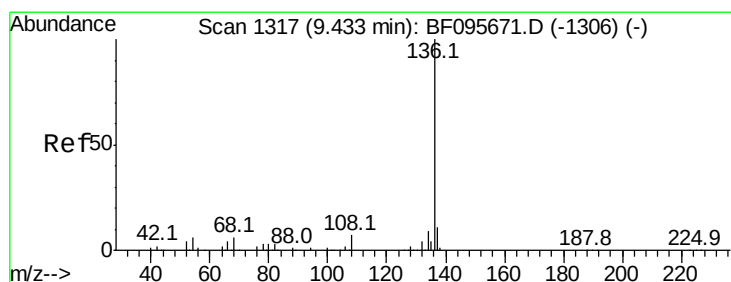
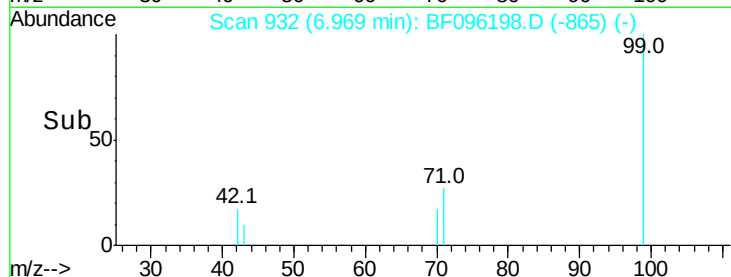
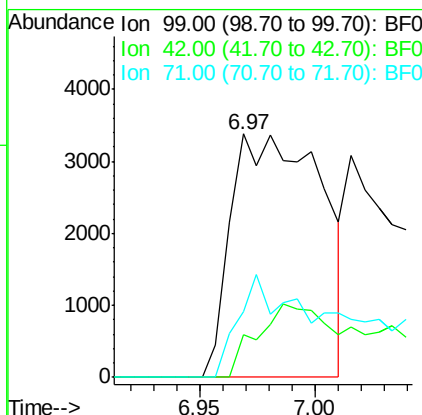
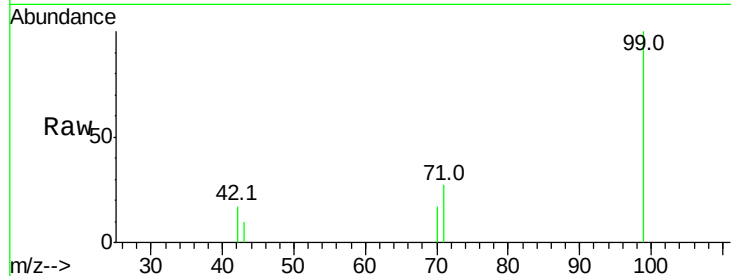
G-26-1.5-3

Tot Ion:	99	Resp:	9253
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	26.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

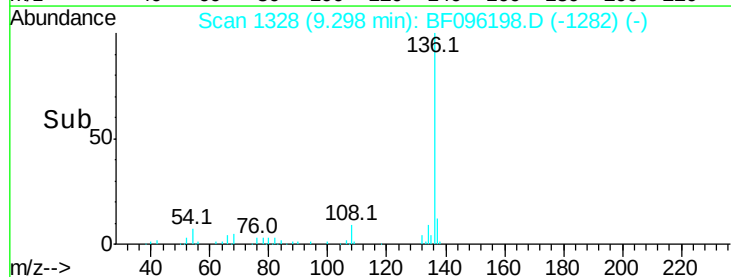
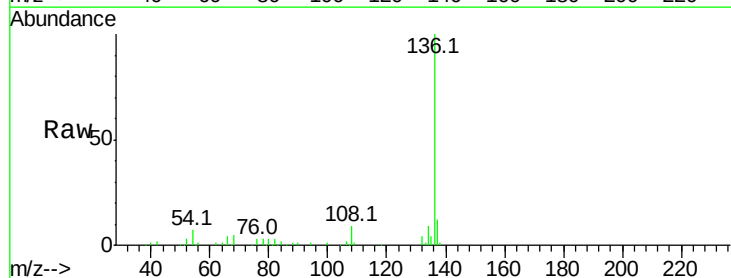
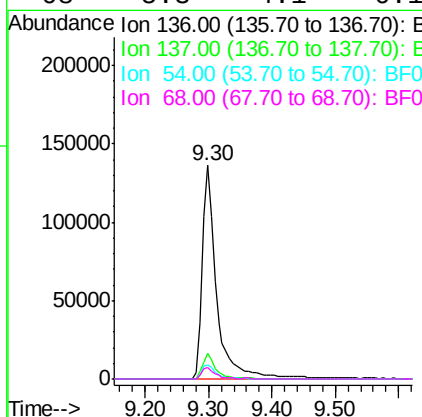
RT: 9.30 min Scan# 1328

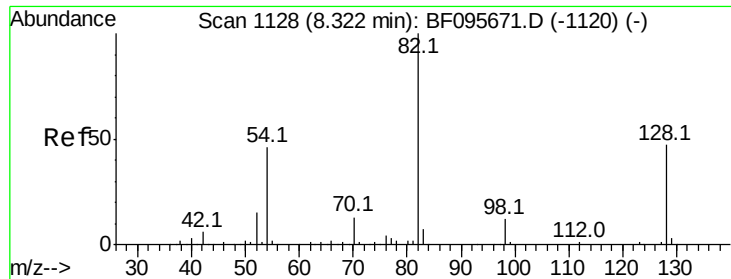
Delta R.T. -0.03 min

Lab File: BF096198.D

Acq: 24 Jun 2017 19:25

Tgt Ion:	136	Resp:	215982
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1





#23
 Nitrobenzene-d5
 Concen: 3.60 ng/ml
 RT: 8.26 min Scan# 1151
 Delta R.T. 0.04 min
 Lab File: BF096198.D
 Acq: 24 Jun 2017 19:25

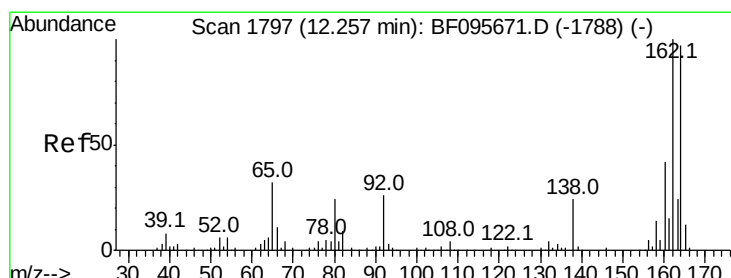
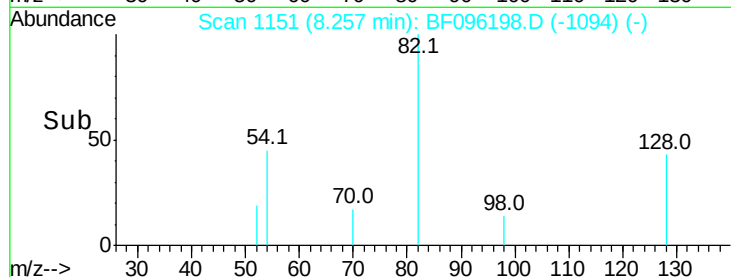
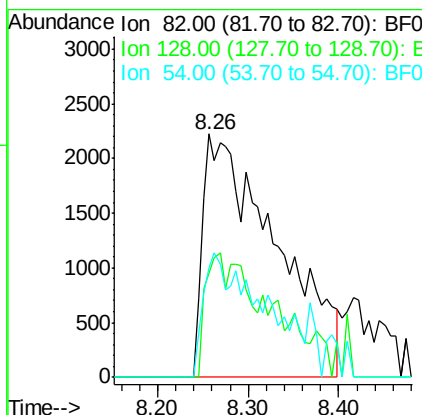
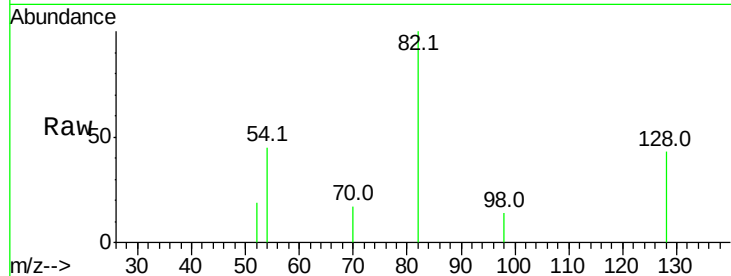
Instrument :
 BNA_F
 ClientSampleId :
 G-26-1.5-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	44.7	42.2	63.2

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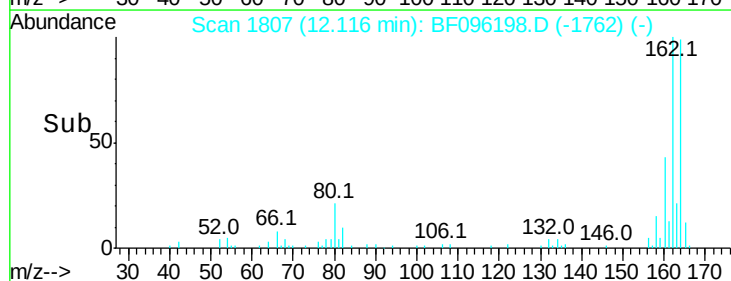
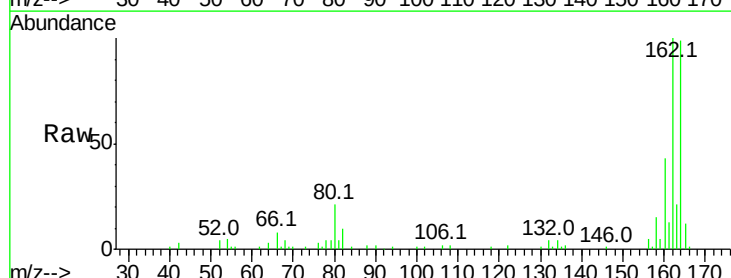
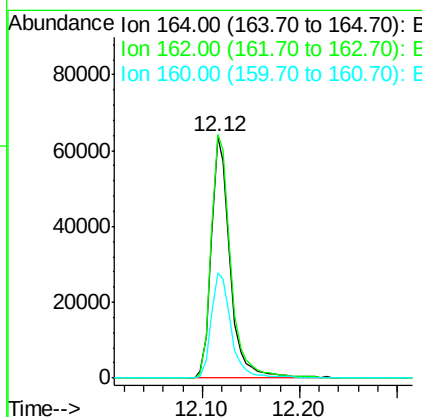
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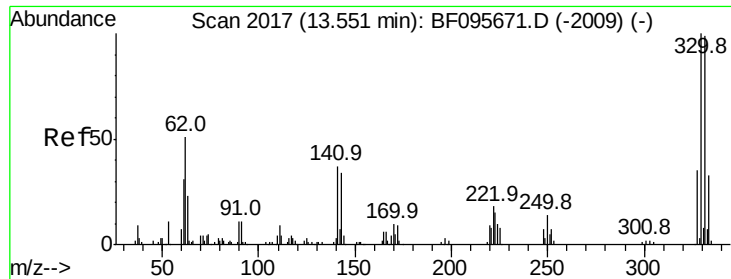
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF096198.D
 Acq: 24 Jun 2017 19:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	43.6	36.2	54.2





#41
 2,4,6-Tribromophenol
 Concen: 4.98 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF096198.D
 Acq: 24 Jun 2017 19:25

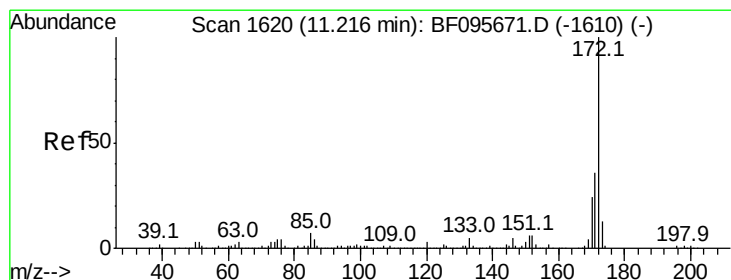
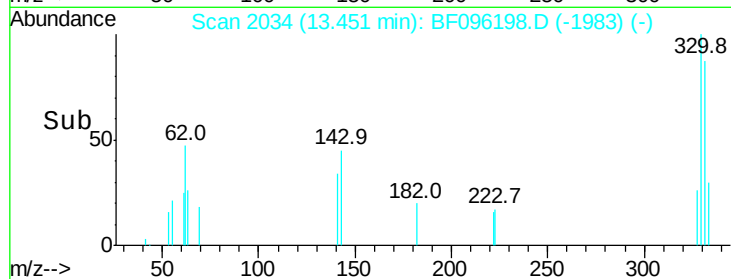
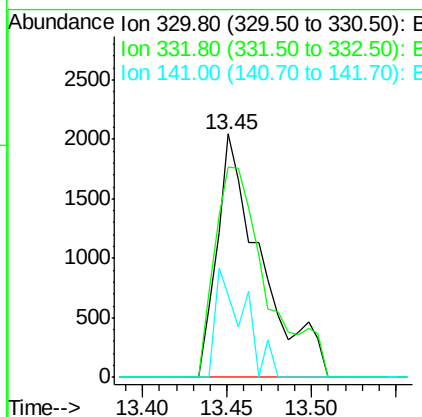
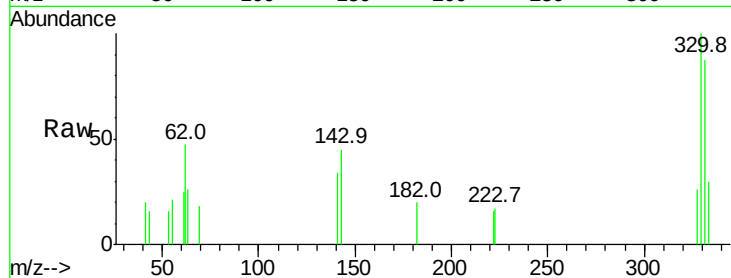
Instrument :
 BNA_F
 ClientSampled :
 G-26-1.5-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.7	76.6	115.0
141	29.1	31.4	47.2#

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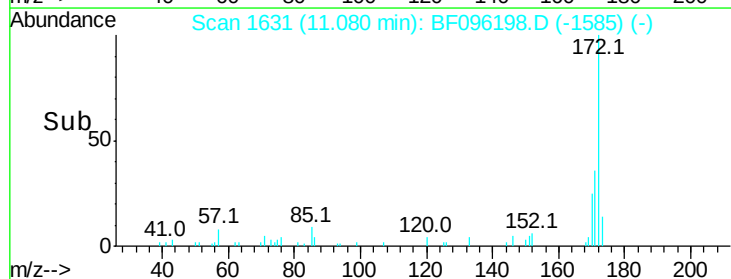
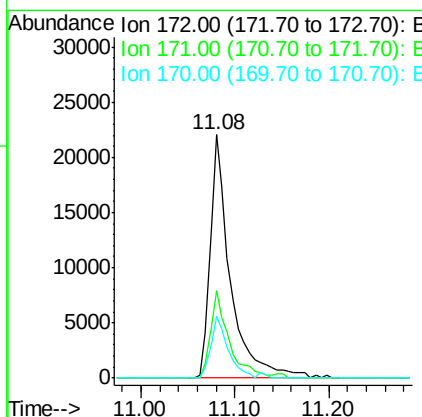
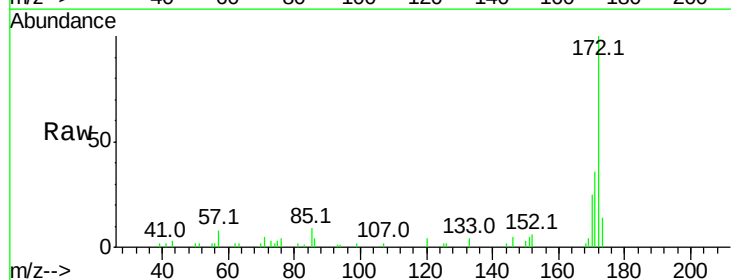
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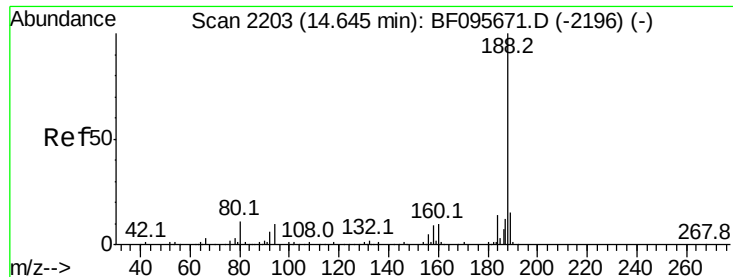
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#44
 2-Fluorobiphenyl
 Concen: 5.45 ng
 RT: 11.08 min Scan# 1631
 Delta R.T. -0.03 min
 Lab File: BF096198.D
 Acq: 24 Jun 2017 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	25.3	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.52 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF096198.D

Acq: 24 Jun 2017 19:25

Instrument :

BNA_F

ClientSampled :

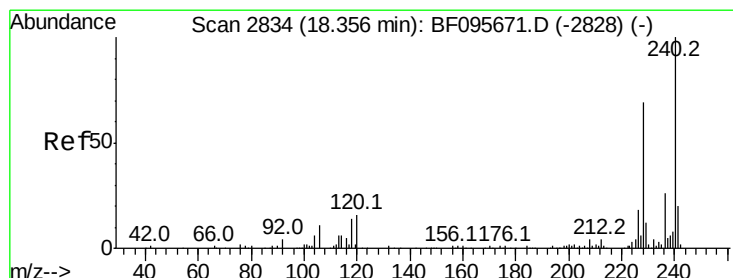
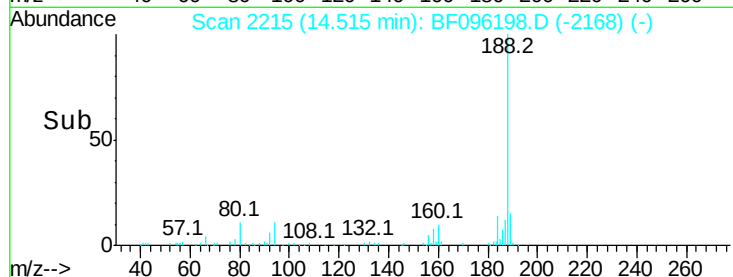
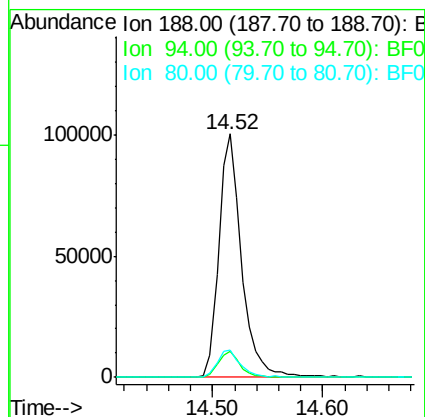
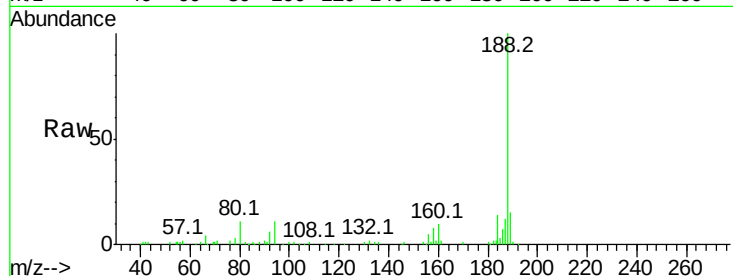
G-26-1.5-3

Tot Ion:	188	Resp:	143469
Ion Ratio	Lower	Upper	
188	100		
94	10.8	9.4	14.2
80	11.4	10.2	15.2

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#75

Chrysene-d12

Concen: 20.00 ng

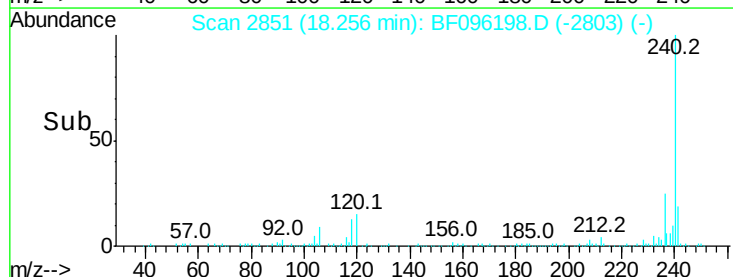
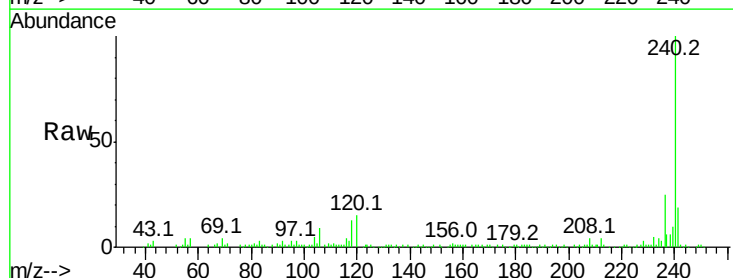
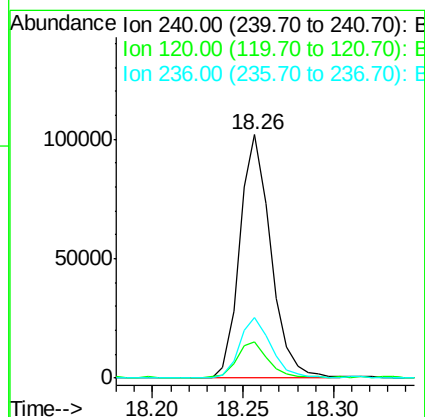
RT: 18.26 min Scan# 2851

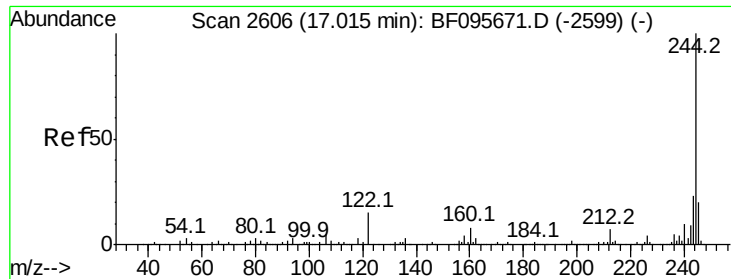
Delta R.T. -0.02 min

Lab File: BF096198.D

Acq: 24 Jun 2017 19:25

Tgt Ion:	240	Resp:	121414
Ion Ratio	Lower	Upper	
240	100		
120	14.9	5.8	8.8#
236	24.7	20.5	30.7





#78
 Terphenyl-d14
 Concen: 5.28 ng
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.03 min
 Lab File: BF096198.D
 Acq: 24 Jun 2017 19:25

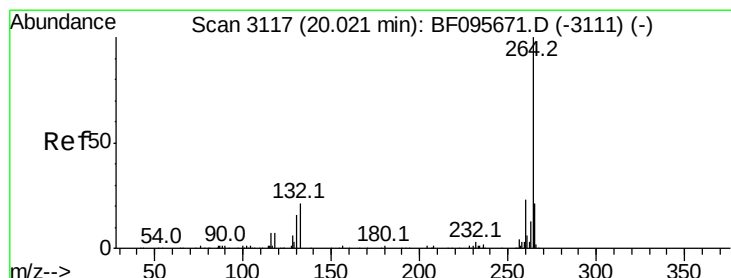
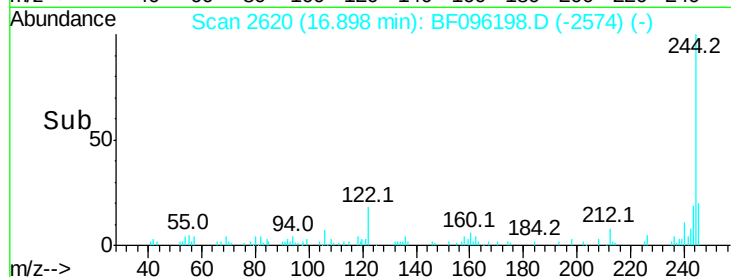
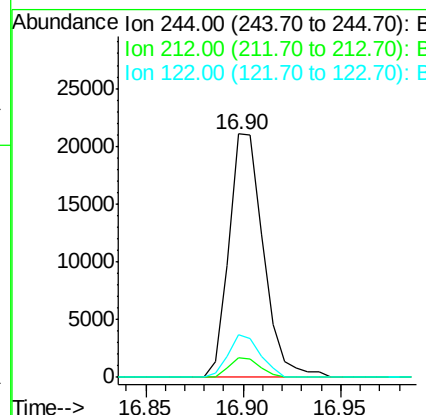
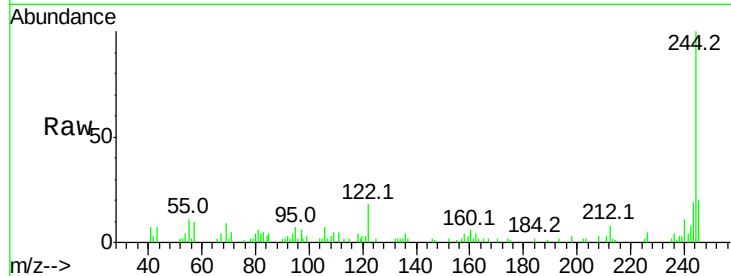
Instrument :
 BNA_F
 ClientSampled :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	17.5	10.3	15.5

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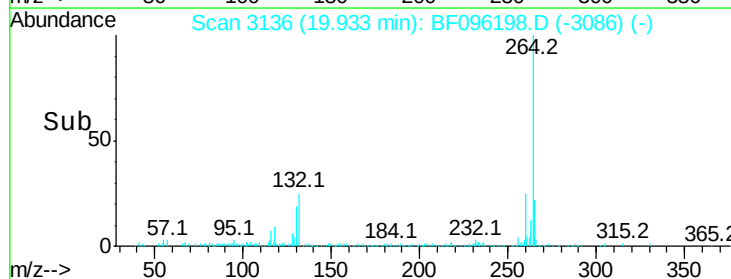
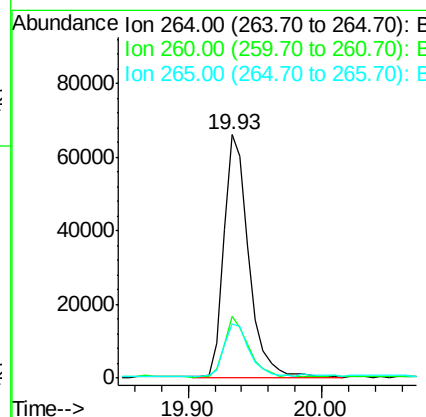
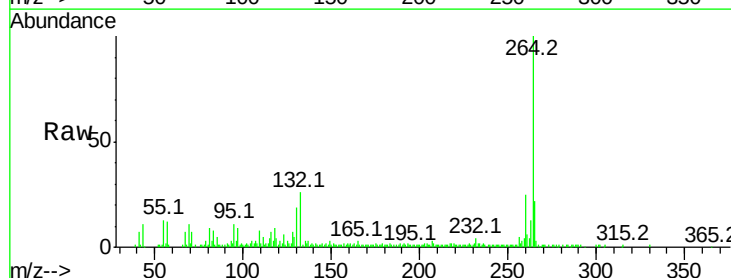
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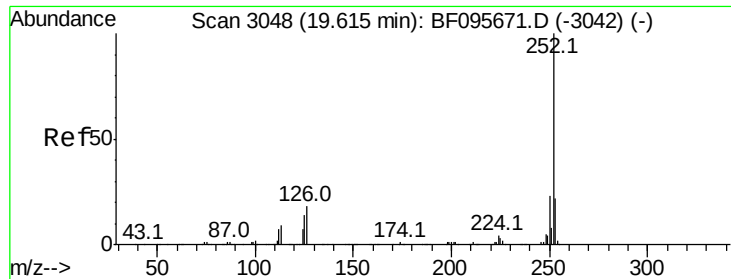
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.93 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BF096198.D
 Acq: 24 Jun 2017 19:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.3	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.19 ng/ml
 RT: 19.54 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: BF096198.D
 Acq: 24 Jun 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 G-26-1.5-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.2	18.1	27.1#
125	38.6	9.8	14.8#

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