

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096122.D
 Acq On : 22 Jun 2017 15:12
 Operator : SJ/MA
 Sample : I3697-05 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-C

Manual Integrations
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 6/26/2017 8:27:41 AM

Quant Time: Jun 22 16:54:41 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	7.27	152	90848	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	432861	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	186737	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	252417	20.00	ng	-0.01
75) Chrysene-d12	18.26	240	172625	20.00	ng	-0.01
86) Perylene-d12	19.94	264	159589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	51708m	9.07	ng	0.08
7) Phenol-d6	6.91	99	124030m	18.17	ng	0.04
23) Nitrobenzene-d5	8.22	82	74427	10.68	ng	0.00
41) 2,4,6-Tribromophenol	13.49	330	1124	0.68	ng	0.04
44) 2-Fluorobiphenyl	11.09	172	183226	13.65	ng	-0.02
78) Terphenyl-d14	16.91	244	102359	14.72	ng	-0.02
Target Compounds						
49) Dimethylphthalate	11.80	163	33111	2.34	ng	99
70) Phenanthrene	14.56	178	96029	6.59	ng	99
74) Fluoranthene	16.36	202	89285	6.19	ng	98
77) Pyrene	16.66	202	79728	6.19	ng	95
80) Benzo(a)anthracene	18.25	228	29988	2.99	ng	97
82) Chrysene	18.30	228	31017m	3.09	ng	
83) Bis(2-ethylhexyl)phthalate	18.34	149	139125	17.53	ng	# 99
87) Benzo(b)fluoranthene	19.54	252	34586	3.46	ng	# 82
89) Benzo(a)pyrene	19.89	252	21386	2.33	ng	# 80

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

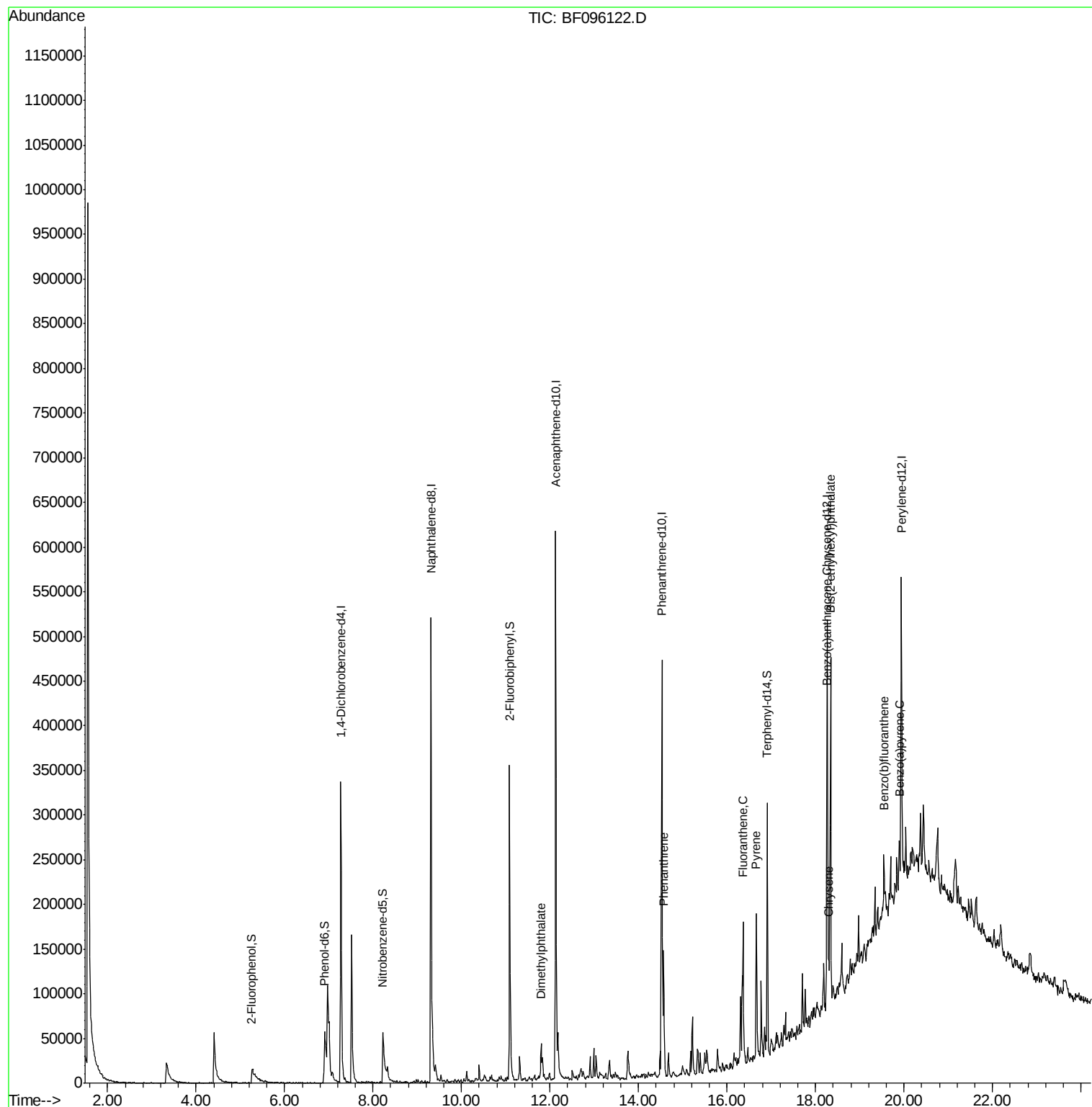
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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#1

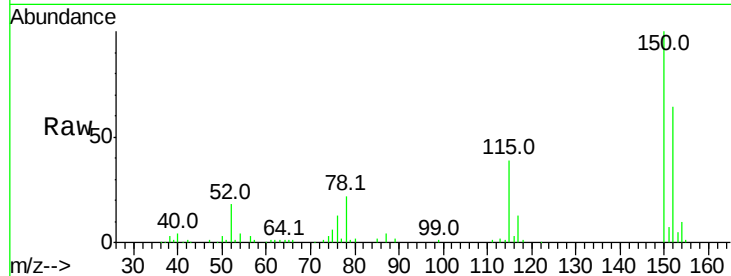
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-C

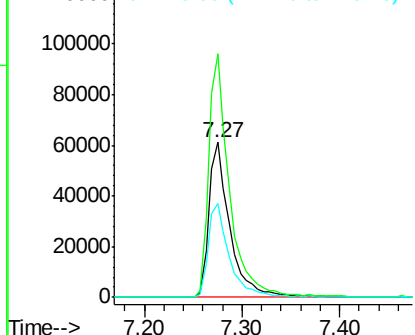
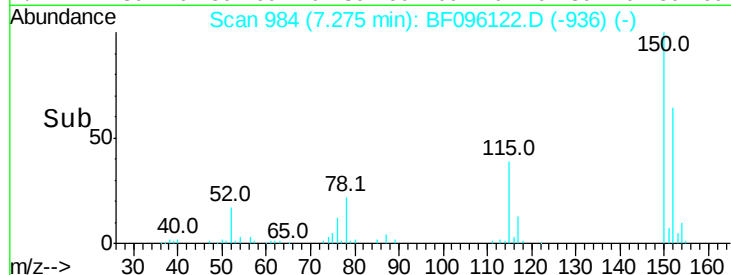
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	60.8	52.2	78.2

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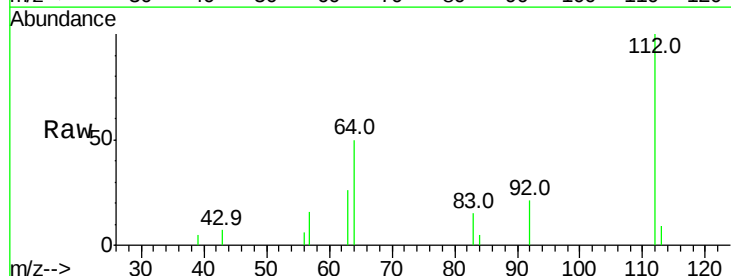
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



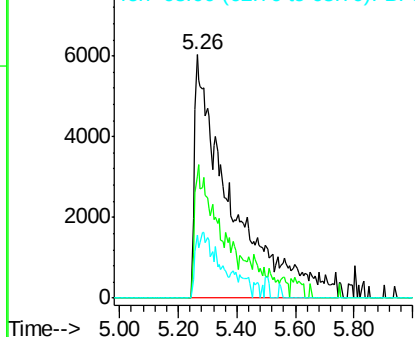
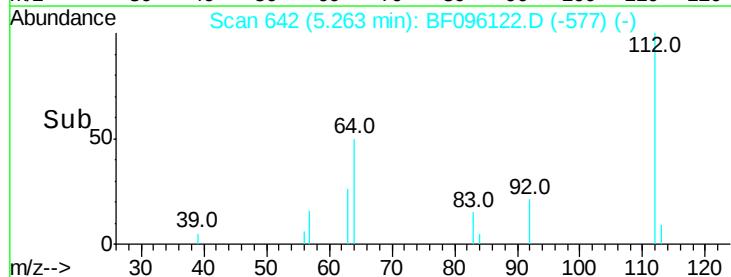
#5

2-Fluorophenol
Concen: 9.07 ng m
RT: 5.26 min Scan# 642
Delta R.T. 0.08 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	46.0	69.0
63	25.8	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: 18.17 ng/mL

RT: 6.91 min Scan# 922

Delta R.T. 0.04 min

Lab File: BF096122.D

Acq: 22 Jun 2017 15:12

Instrument :

BNA_F

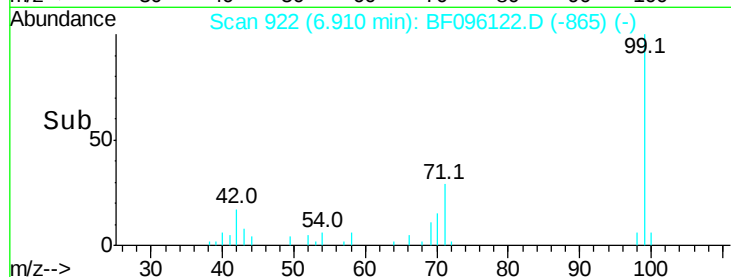
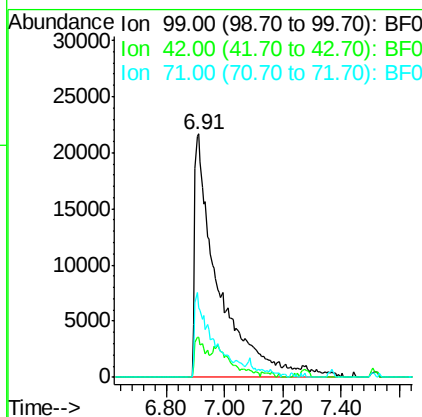
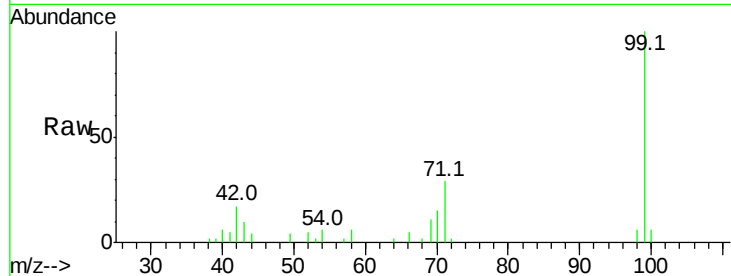
ClientSampleId :

FK-SF-02-001-C

Tot Ion:	99	Resp:	124030
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.5	20.3
71	28.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

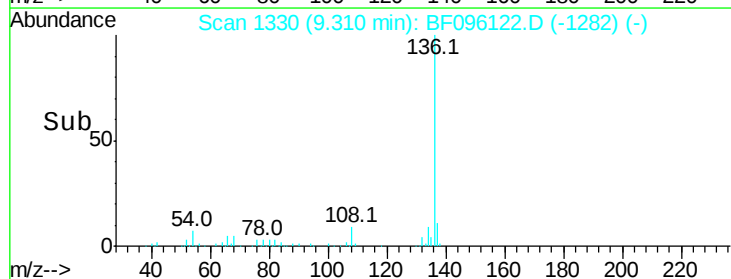
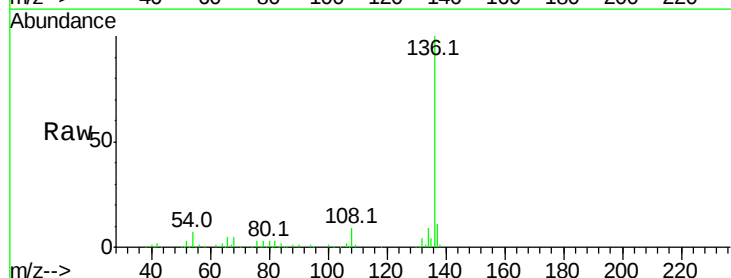
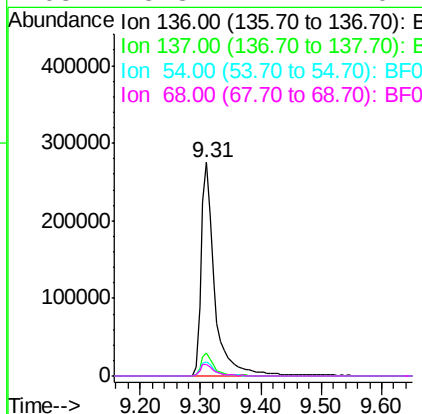
RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096122.D

Acq: 22 Jun 2017 15:12

Tgt Ion:	136	Resp:	432861
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1





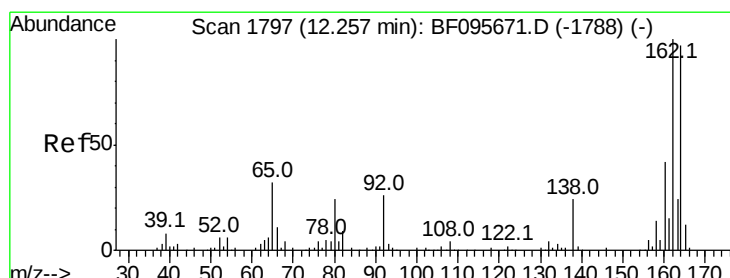
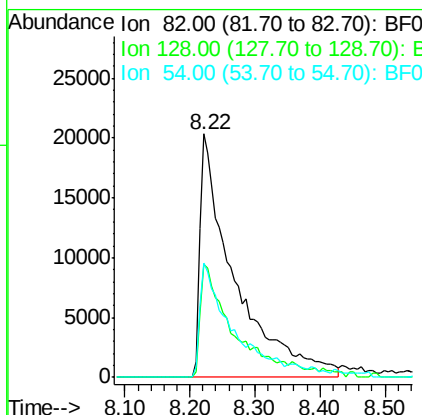
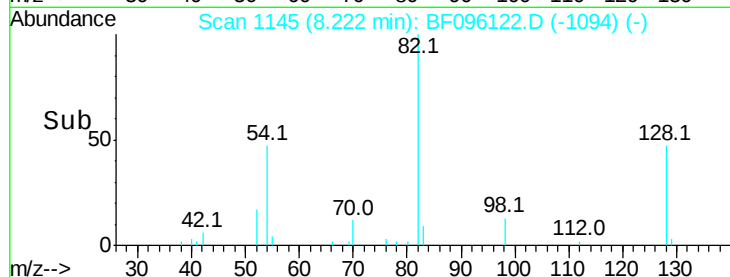
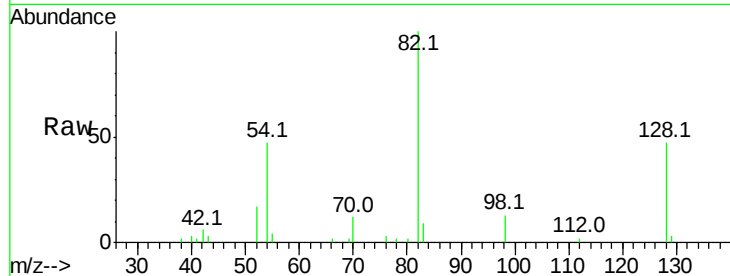
#23
 Nitrobenzene-d5
 Concen: 10.68 ng
 RT: 8.22 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF096122.D
 Acq: 22 Jun 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	47.1	42.2	63.2

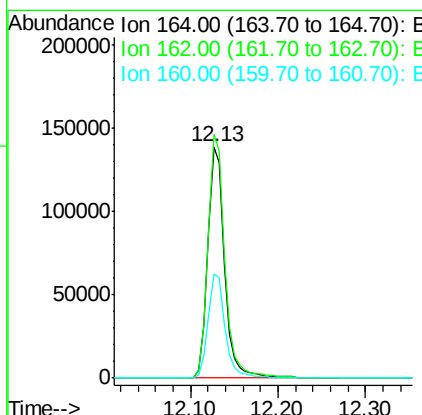
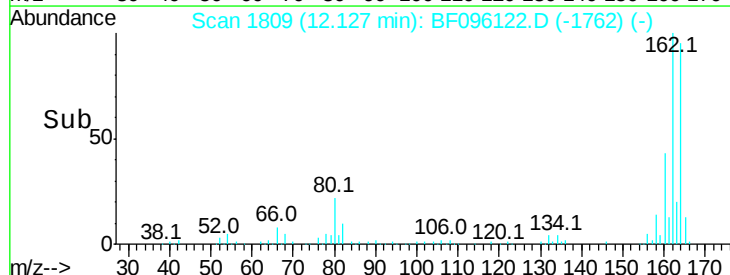
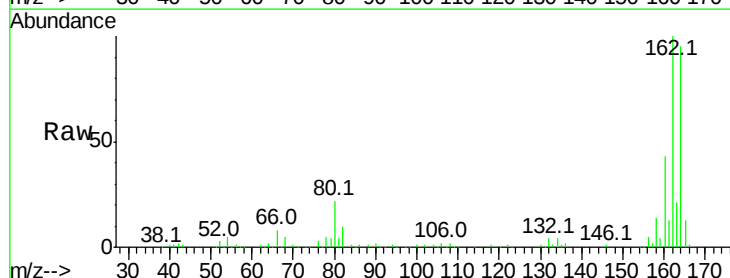
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. -0.02 min
 Lab File: BF096122.D
 Acq: 22 Jun 2017 15:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	45.1	36.2	54.2





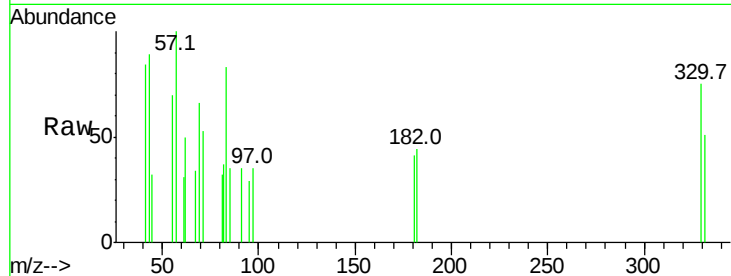
#41
 2,4,6-Tribromophenol
 Concen: 0.68 ng
 RT: 13.49 min Scan# 2040
 Delta R.T. 0.04 min
 Lab File: BF096122.D
 Acq: 22 Jun 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-C

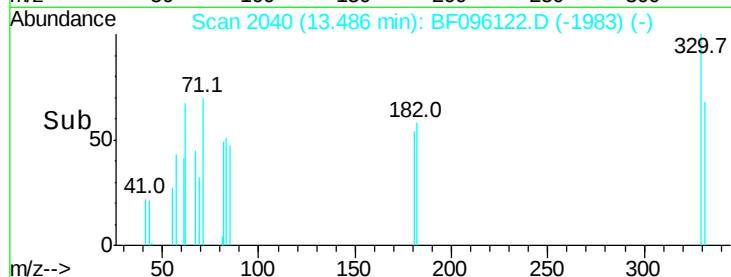
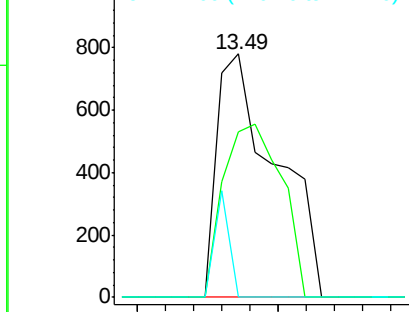
Tot Ion	Ratio	Lower	Upper
330	100		
332	70.6	76.6	115.0#
141	10.8	31.4	47.2#

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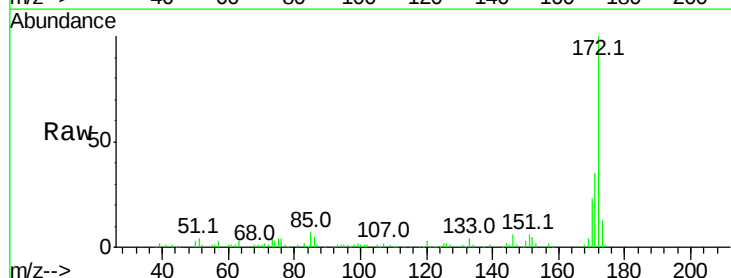


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

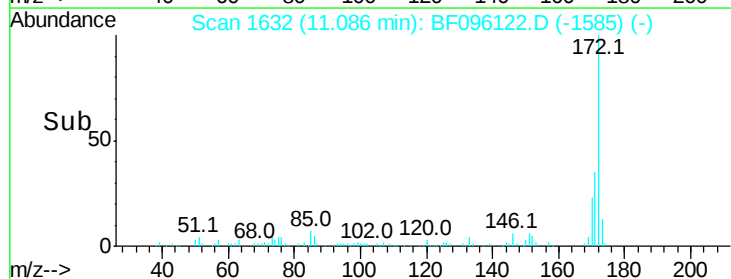
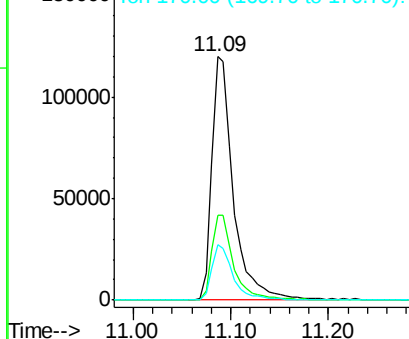


#44
 2-Fluorobiphenyl
 Concen: 13.65 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096122.D
 Acq: 22 Jun 2017 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.0	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





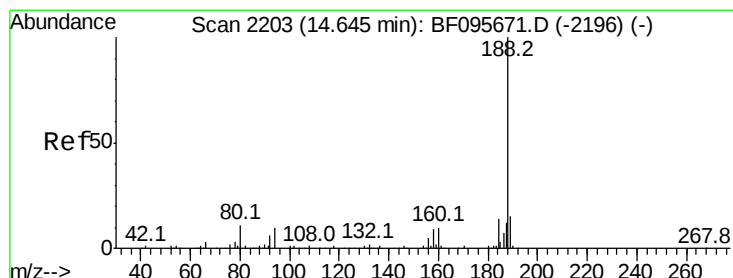
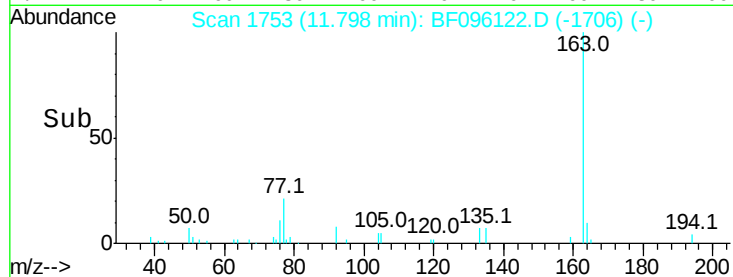
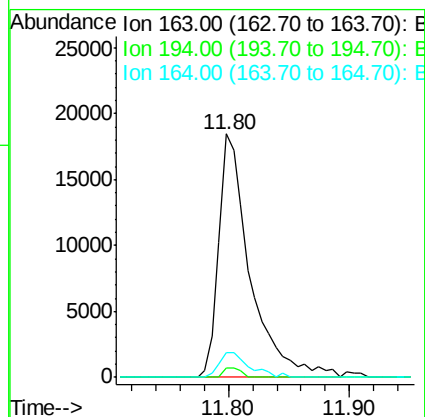
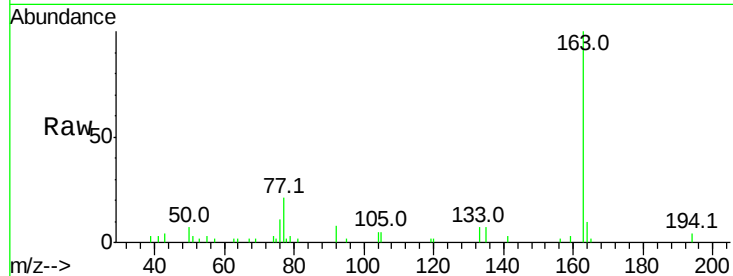
#49
Dimethylphthalate
Concen: 2.34 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.0	8.4	12.6

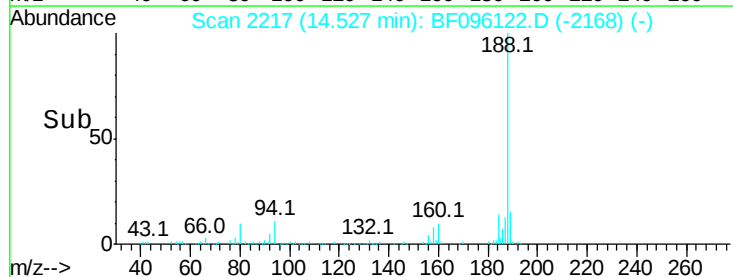
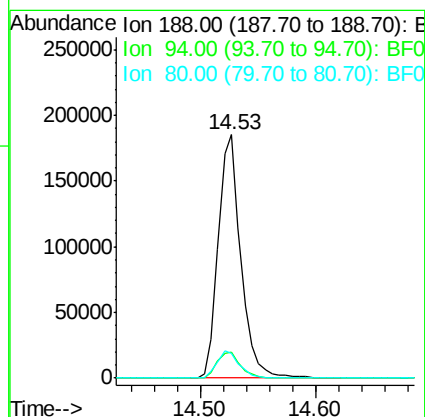
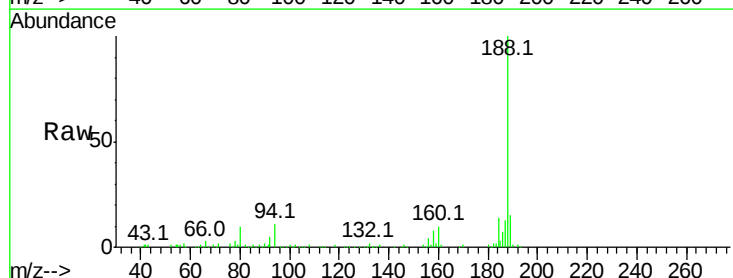
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.3	10.2	15.2





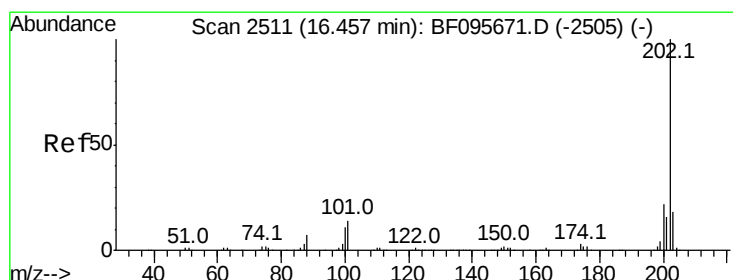
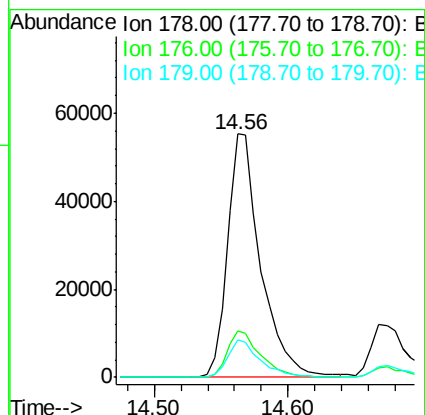
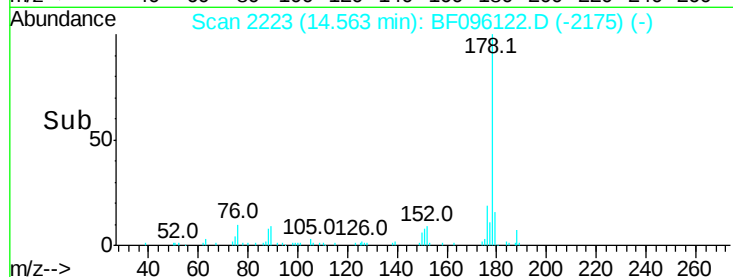
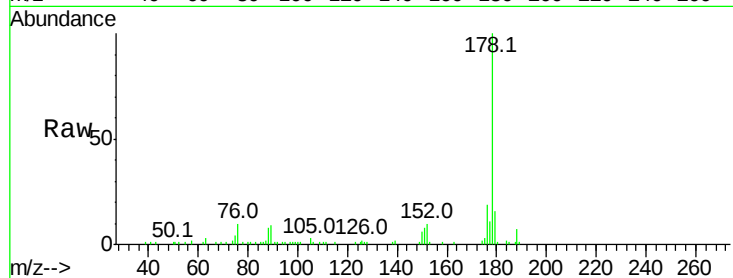
#70
 Phenanthrene
 Concen: 6.59 ng
 RT: 14.56 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BF096122.D
 Acq: 22 Jun 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-C

Tot Ion:	178	Resp:	96029
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.2	24.4
179	15.5	12.6	19.0

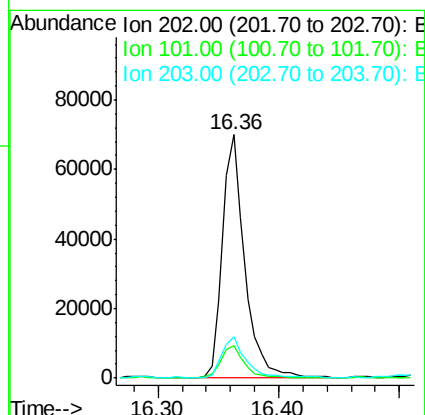
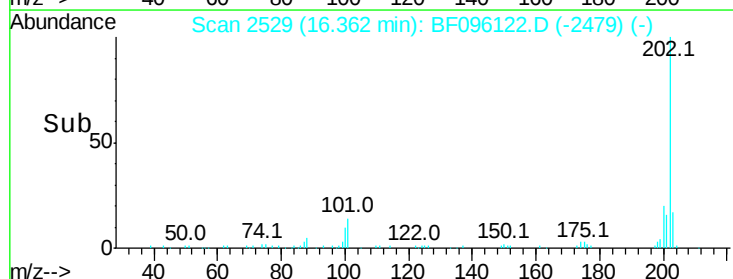
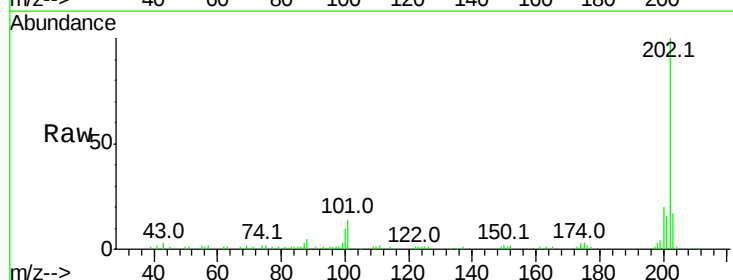
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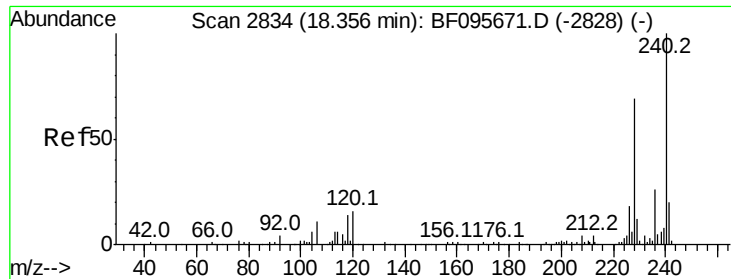
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#74
 Fluoranthene
 Concen: 6.19 ng
 RT: 16.36 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF096122.D
 Acq: 22 Jun 2017 15:12

Tgt Ion:	202	Resp:	89285
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	33.2
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.26 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF096122.D

Acq: 22 Jun 2017 15:12

Instrument :

BNA_F

ClientSampleId :

FK-SF-02-001-C

Tot Ion:240 Resp: 172625

Ion Ratio Lower Upper

240 100

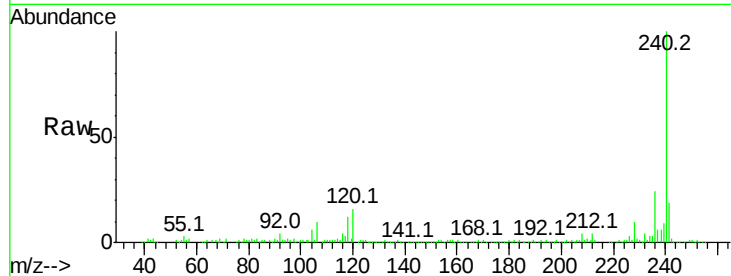
120 15.7 5.8 8.8#

236 24.5 20.5 30.7

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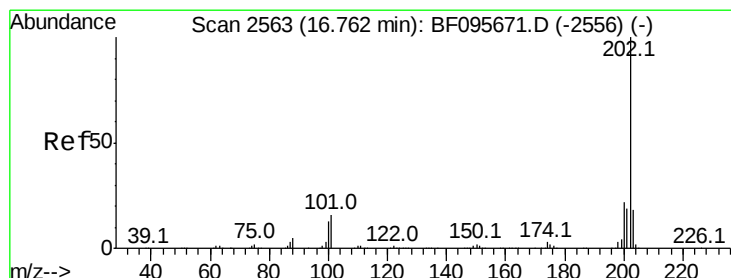
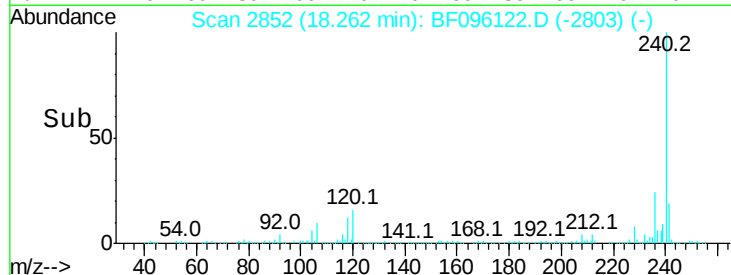
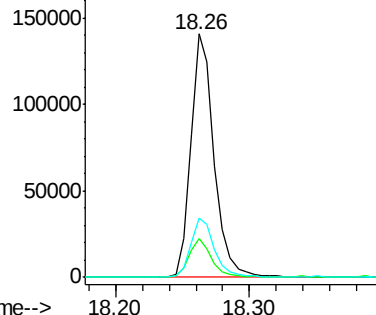
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.19 ng

RT: 16.66 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BF096122.D

Acq: 22 Jun 2017 15:12

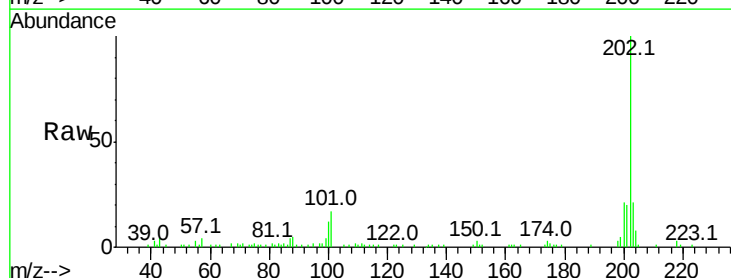
Tgt Ion:202 Resp: 79728

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

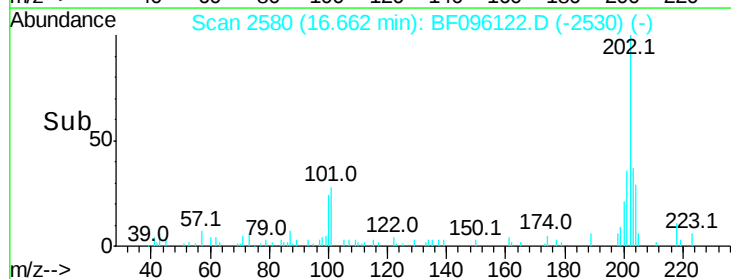
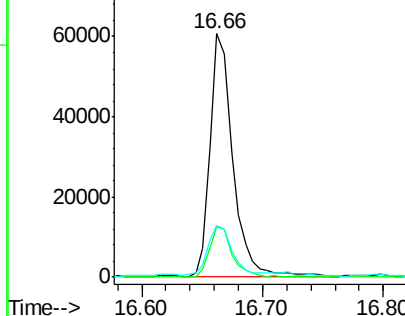
203 21.3 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





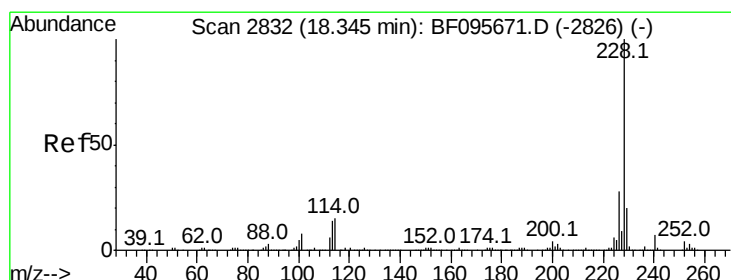
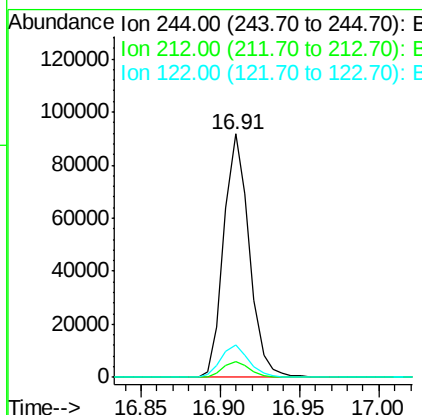
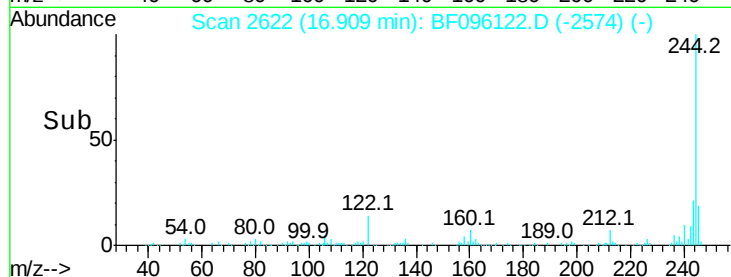
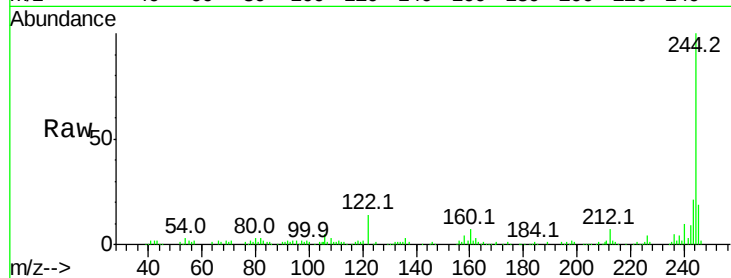
#78
 Terphenyl-d14
 Concen: 14.72 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096122.D
 Acq: 22 Jun 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.6	10.3	15.5

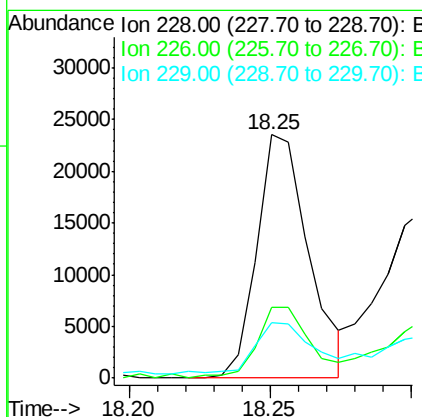
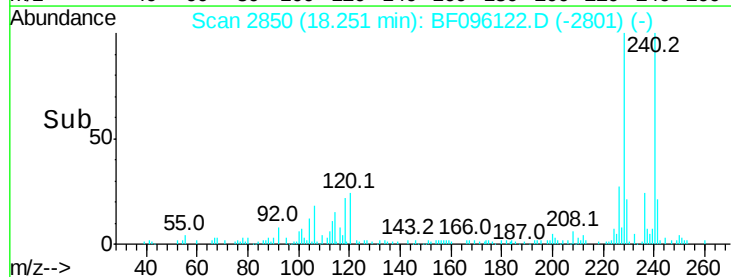
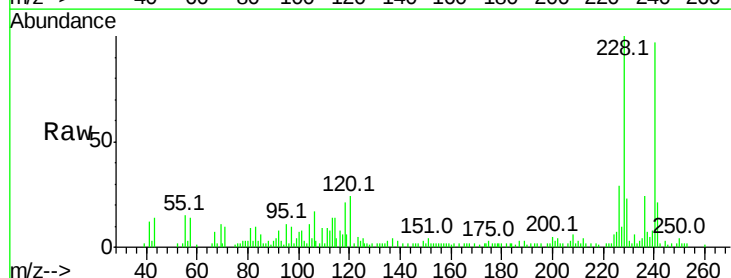
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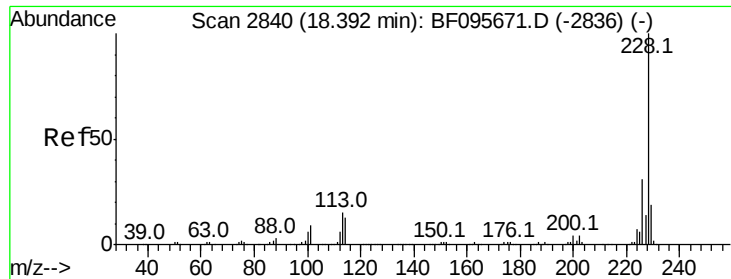
mohammad
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#80
 Benzo(a)anthracene
 Concen: 2.99 ng
 RT: 18.25 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BF096122.D
 Acq: 22 Jun 2017 15:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	22.8	16.3	24.5





#82

Chrysene

Concen: 3.09 ng/mL

RT: 18.30 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BF096122.D

Acq: 22 Jun 2017 15:12

Instrument :

BNA_F

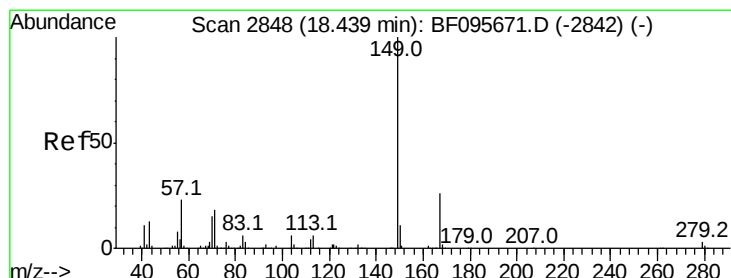
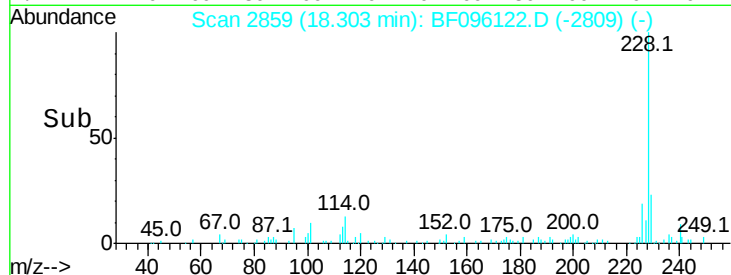
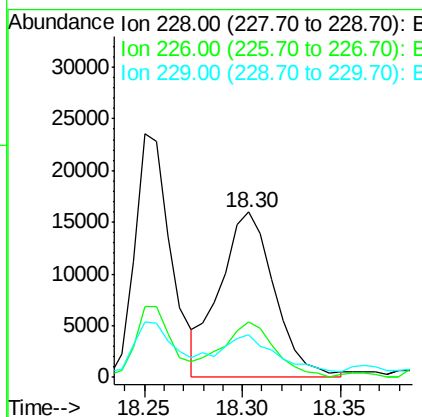
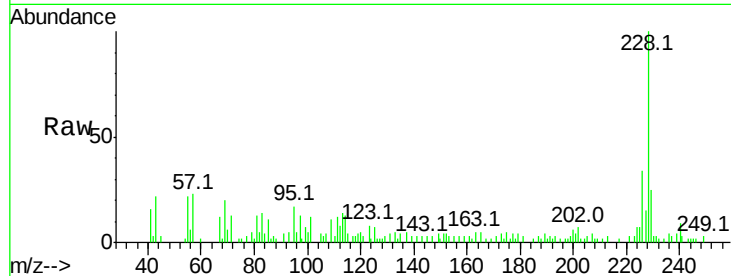
ClientSampleId :

FK-SF-02-001-C

Tot Ion:	228	Resp:	31017
Ion Ratio	Lower	Upper	
228	100		
226	33.8	24.9	37.3
229	25.5	15.8	23.6#

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#83

Bis(2-ethylhexyl)phthalate

Concen: 17.53 ng/mL

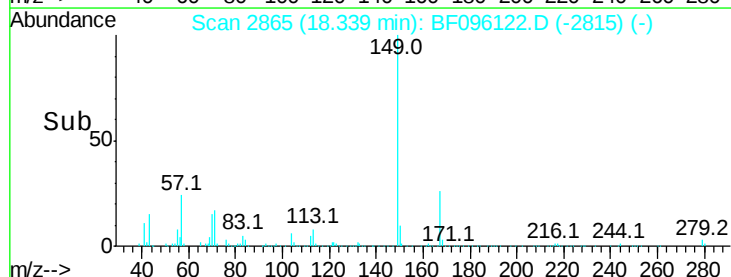
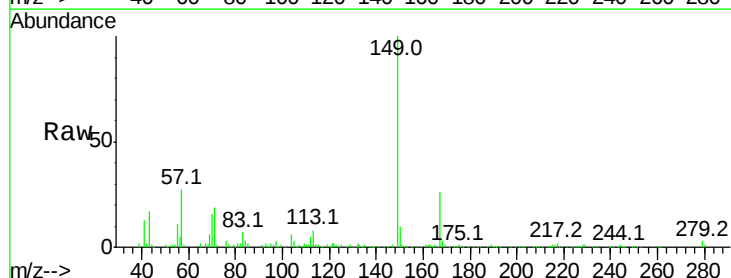
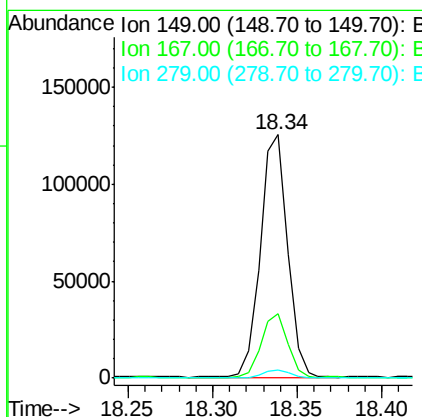
RT: 18.34 min Scan# 2865

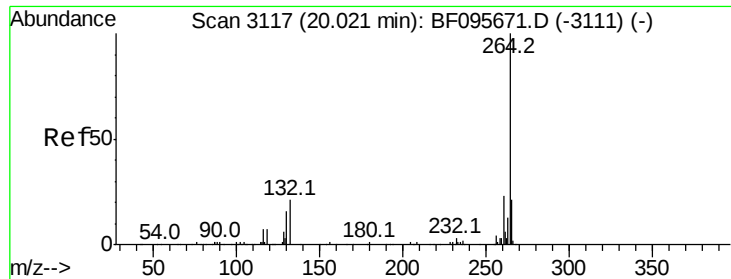
Delta R.T. -0.01 min

Lab File: BF096122.D

Acq: 22 Jun 2017 15:12

Tgt Ion:	149	Resp:	139125
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.0	31.4
279	3.4	1.9	2.9#





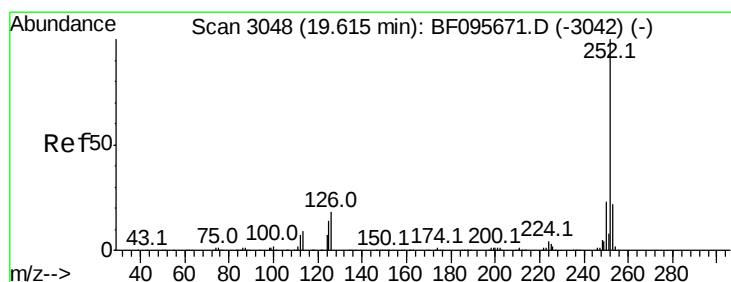
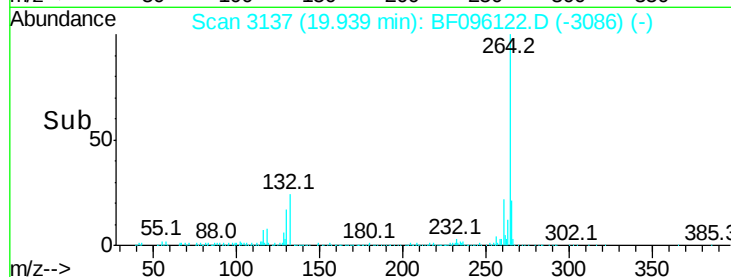
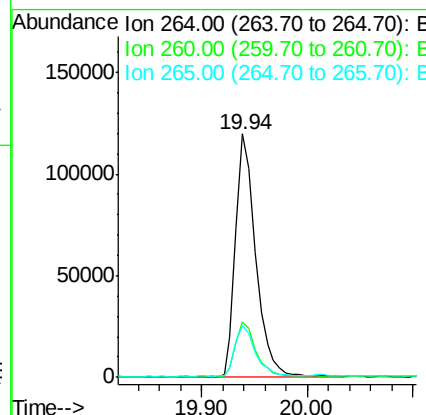
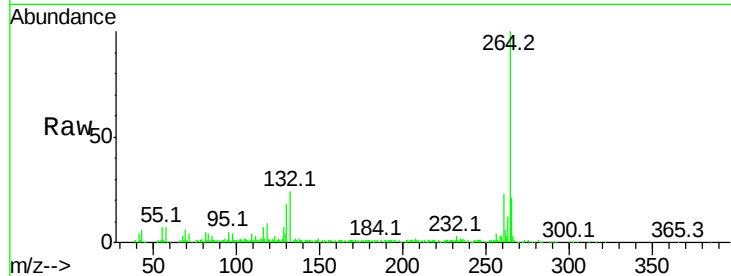
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.4	17.2	25.8

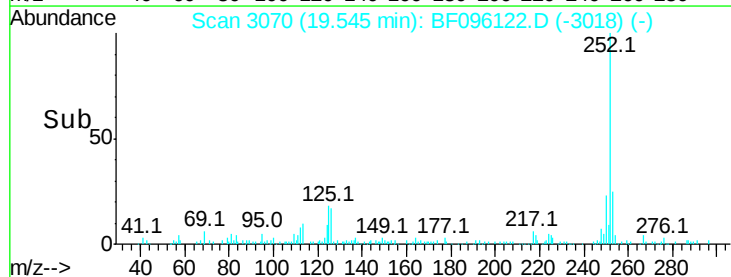
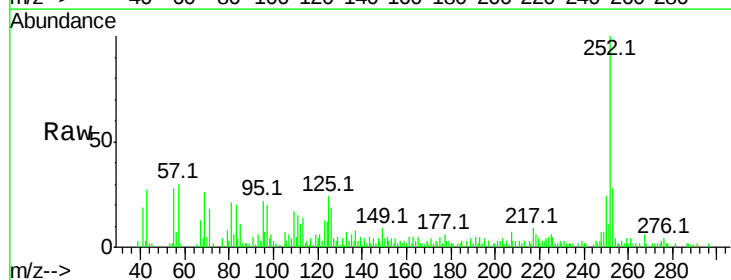
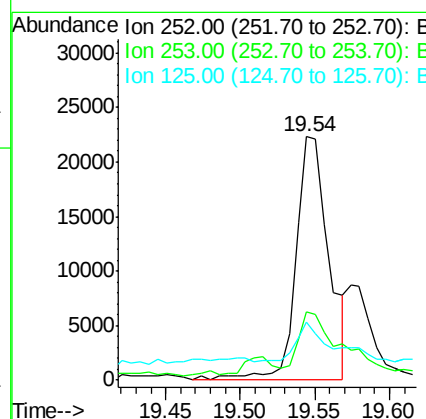
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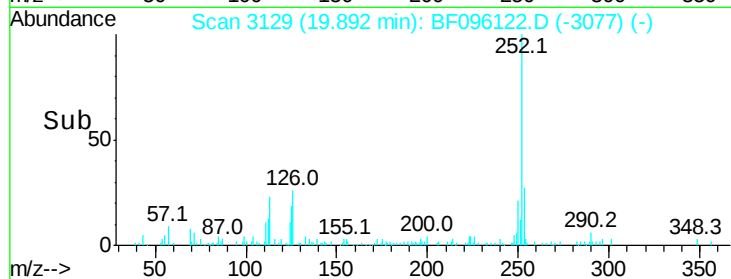
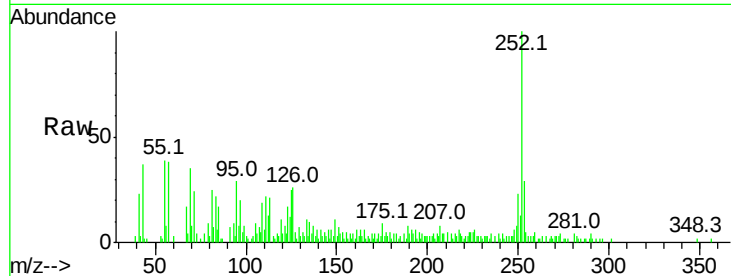
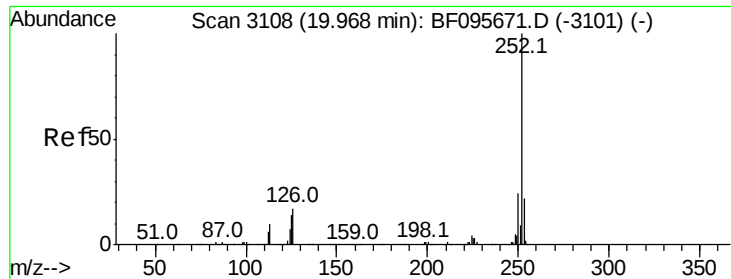
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#87
Benzo(b)fluoranthene
Concen: 3.46 ng
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.1	27.1#
125	23.8	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.33 ng

RT: 19.89 min Scan# 3129

Delta R.T. 0.01 min

Lab File: BF096122.D

Acq: 22 Jun 2017 15:12

Instrument :

BNA_F

ClientSampleId :

FK-SF-02-001-C

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	28.8	17.5	26.3#
125	25.5	11.0	16.4#

Manual Integrations
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