

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096123.D
 Acq On : 22 Jun 2017 15:44
 Operator : SJ/MA
 Sample : I3697-01RE 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 22 17:00:37 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	105414	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	442007	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	154831	20.00	ng	-0.02
63) Phenanthrene-d10	14.52	188	249045	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	173452	20.00	ng	-0.01
86) Perylene-d12	19.94	264	161853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	50151m	7.58	ng	0.08
7) Phenol-d6	6.92	99	90909m	11.48	ng	0.05
23) Nitrobenzene-d5	8.23	82	56125	7.89	ng	0.01
41) 2,4,6-Tribromophenol	13.49	330	1466	1.07	ng	0.04
44) 2-Fluorobiphenyl	11.09	172	106732	9.59	ng	-0.02
78) Terphenyl-d14	16.91	244	66797	9.56	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	14.57	178	73126	5.09	ng	98
74) Fluoranthene	16.36	202	89291	6.28	ng	99
77) Pyrene	16.66	202	74211	5.73	ng	96
80) Benzo(a)anthracene	18.25	228	33038	3.28	ng	97
82) Chrysene	18.30	228	33227	3.30	ng	98
87) Benzo(b)fluoranthene	19.54	252	33975m	3.35	ng	
89) Benzo(a)pyrene	19.89	252	22621	2.43	ng	# 82

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

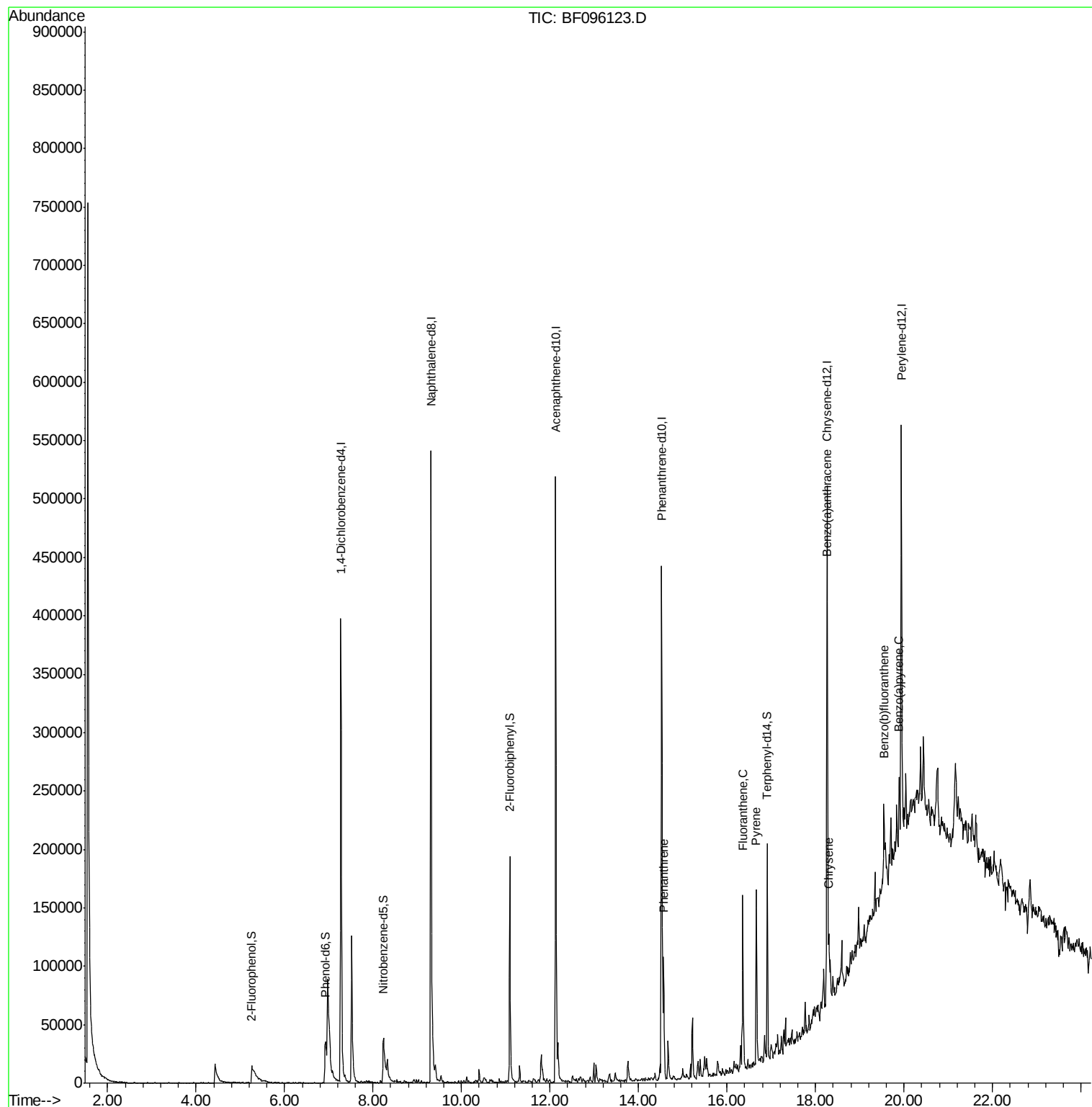
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096123.D
Acq On : 22 Jun 2017 15:44
Operator : SJ/MA
Sample : I3697-01RE 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

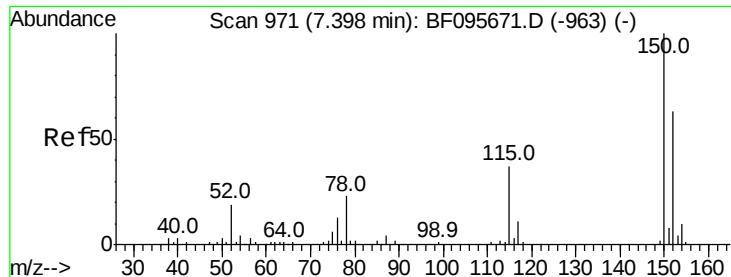
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-ARE

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Quant Time: Jun 22 17:00:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

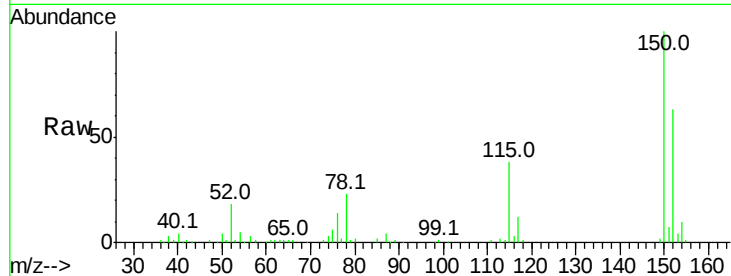
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096123.D
Acq: 22 Jun 2017 15:44

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

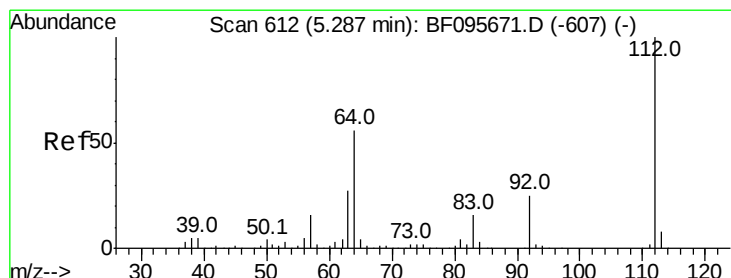
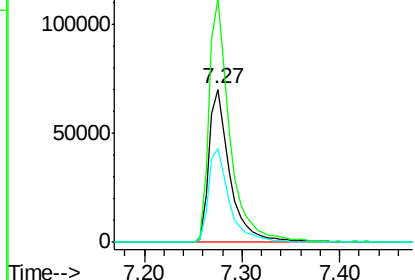
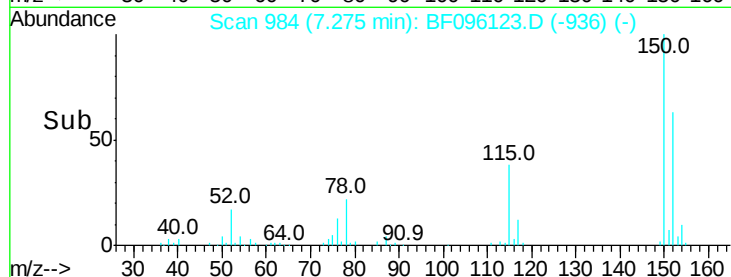
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	61.3	52.2	78.2

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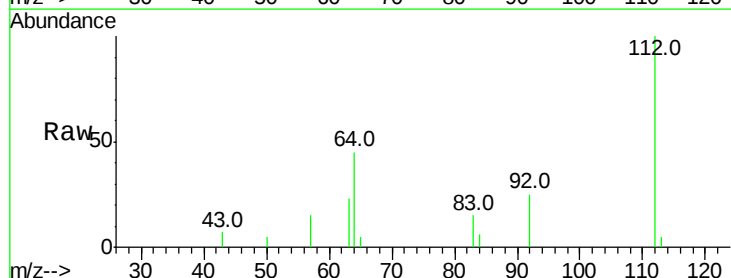
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



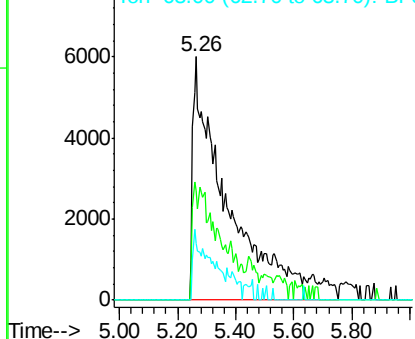
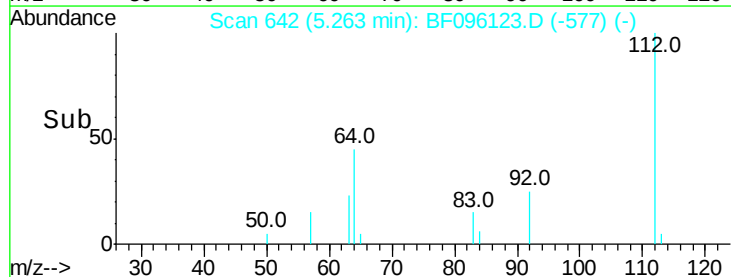
#5

2-Fluorophenol
Concen: 7.58 ng m
RT: 5.26 min Scan# 642
Delta R.T. 0.08 min
Lab File: BF096123.D
Acq: 22 Jun 2017 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.0	46.0	69.0#
63	23.3	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: 11.48 ng/mL

RT: 6.92 min Scan# 924

Delta R.T. 0.05 min

Lab File: BF096123.D

Acq: 22 Jun 2017 15:44

Instrument :

BNA_F

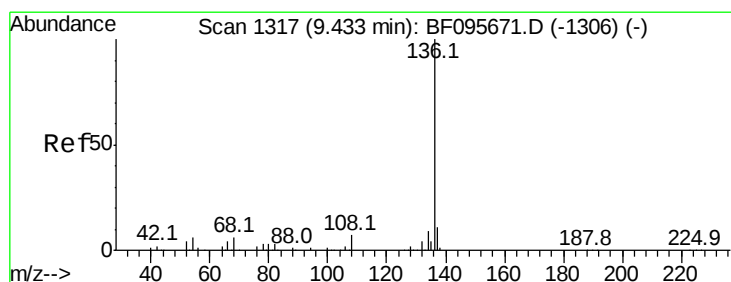
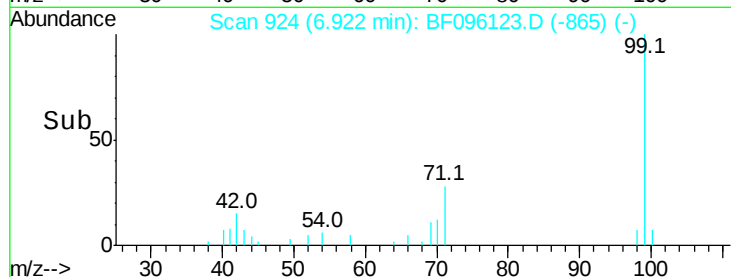
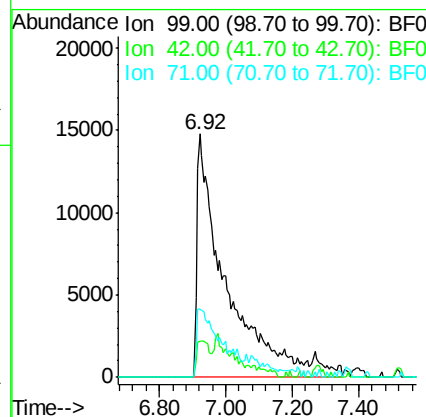
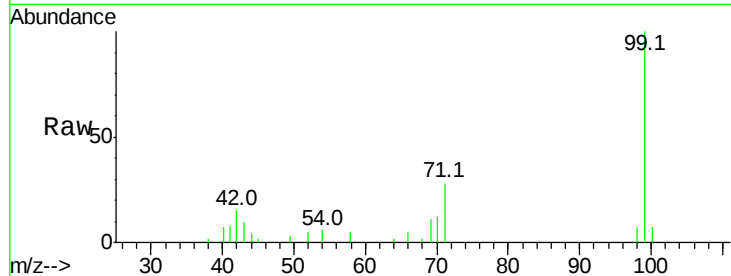
ClientSampleId :

FK-SF-02-001-ARE

Tot Ion:	99	Resp:	90909
Ion Ratio	Lower	Upper	
99	100		
42	15.0	13.5	20.3
71	27.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

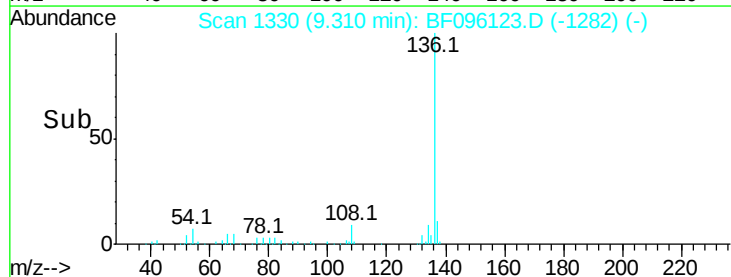
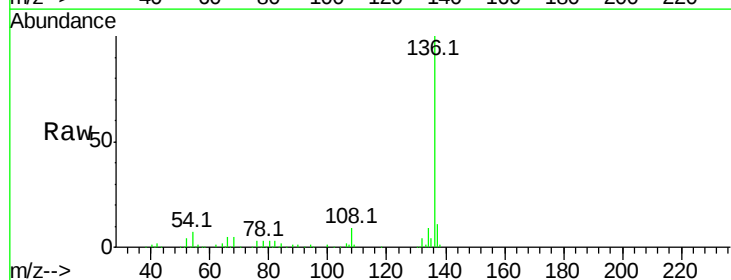
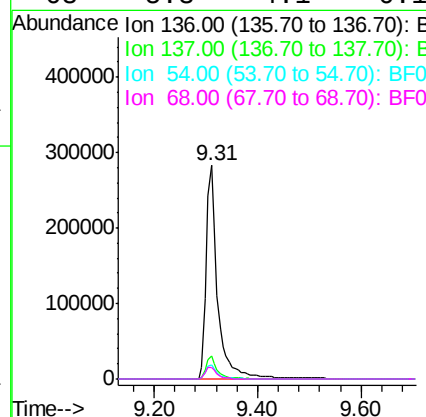
RT: 9.31 min Scan# 1330

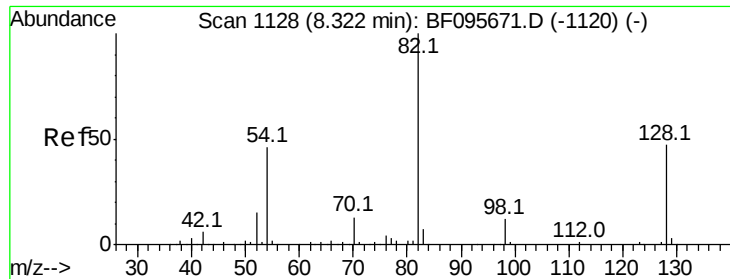
Delta R.T. -0.02 min

Lab File: BF096123.D

Acq: 22 Jun 2017 15:44

Tgt Ion:	136	Resp:	442007
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1





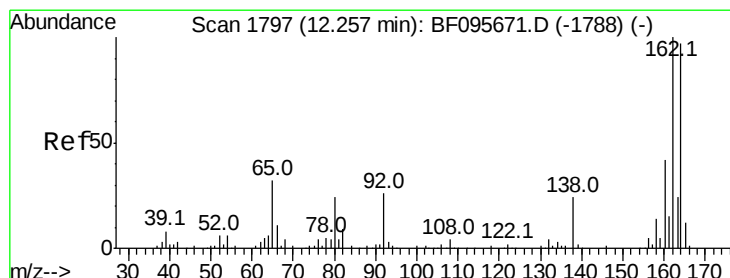
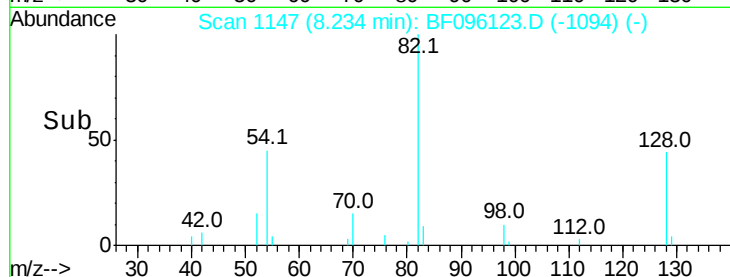
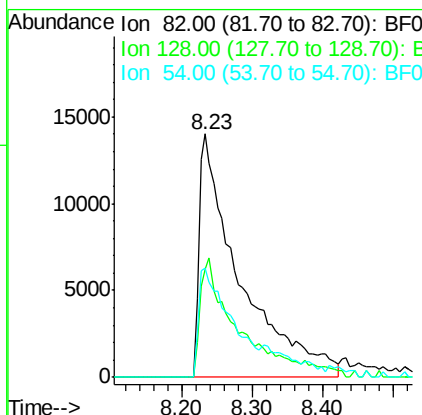
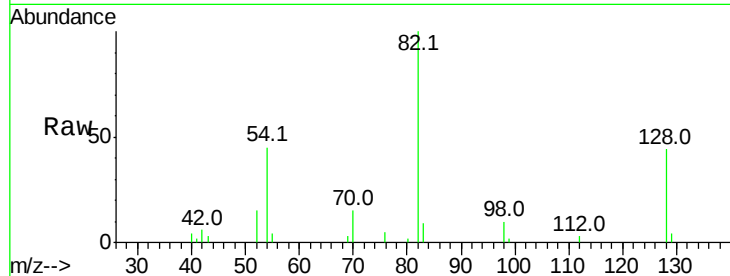
#23
 Nitrobenzene-d5
 Concen: 7.89 ng
 RT: 8.23 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF096123.D
 Acq: 22 Jun 2017 15:44

Instrument :
 BNA_F
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Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	44.9	42.2	63.2

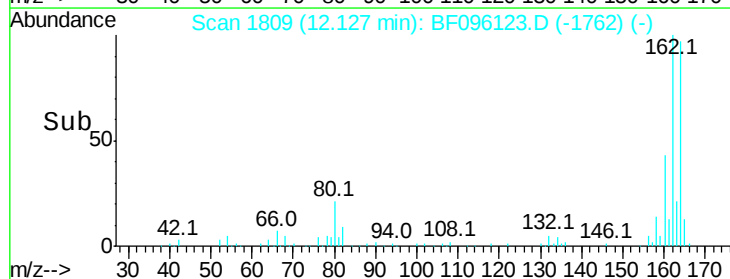
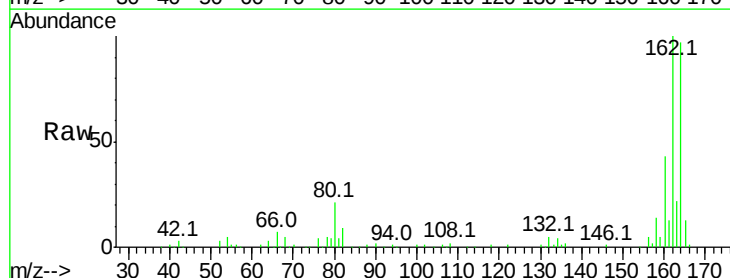
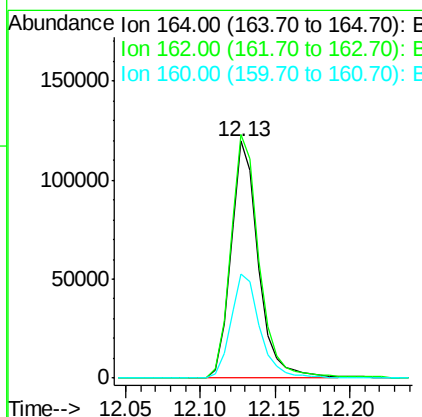
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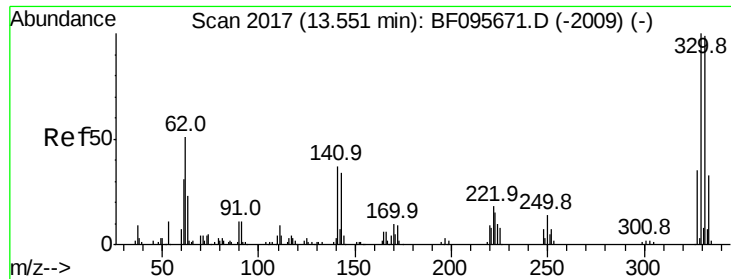
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. -0.02 min
 Lab File: BF096123.D
 Acq: 22 Jun 2017 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	43.8	36.2	54.2





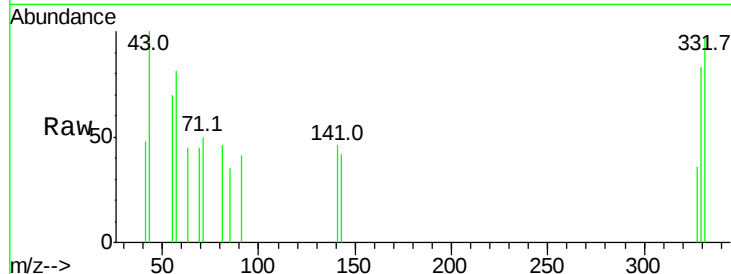
#41
 2,4,6-Tribromophenol
 Concen: 1.07 ng
 RT: 13.49 min Scan# 2040
 Delta R.T. 0.04 min
 Lab File: BF096123.D
 Acq: 22 Jun 2017 15:44

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

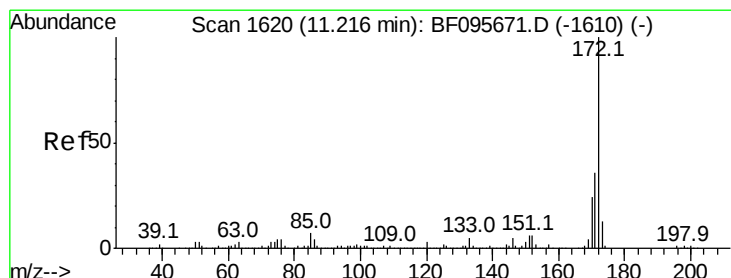
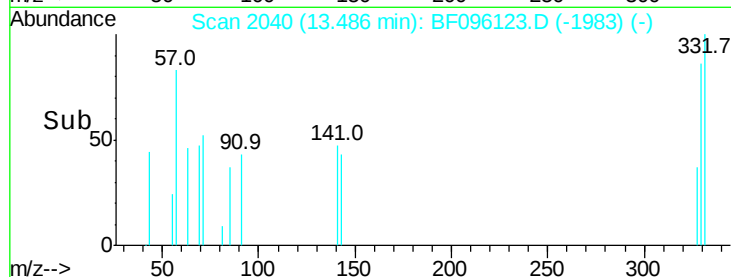
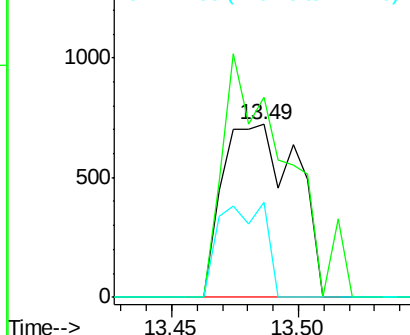
Tot Ion	Ratio	Lower	Upper
330	100		
332	120.9	76.6	115.0#
141	34.2	31.4	47.2

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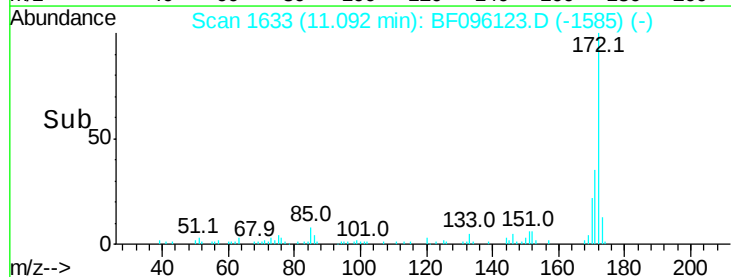
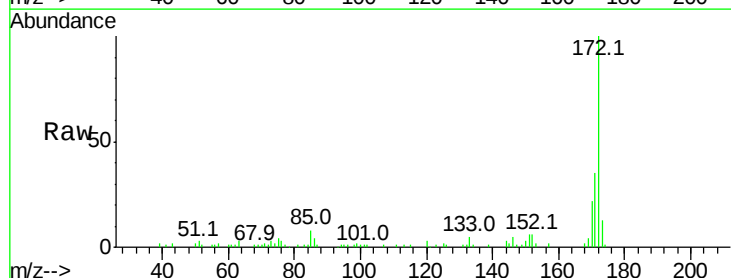
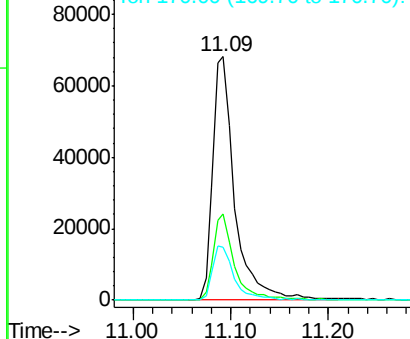
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

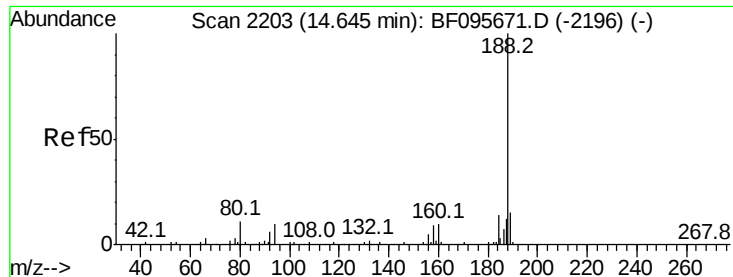


#44
 2-Fluorobiphenyl
 Concen: 9.59 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096123.D
 Acq: 22 Jun 2017 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	21.7	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: 14.52 min Scan# 2216

Delta R.T. -0.02 min

Lab File: BF096123.D

Acq: 22 Jun 2017 15:44

Instrument :

BNA_F

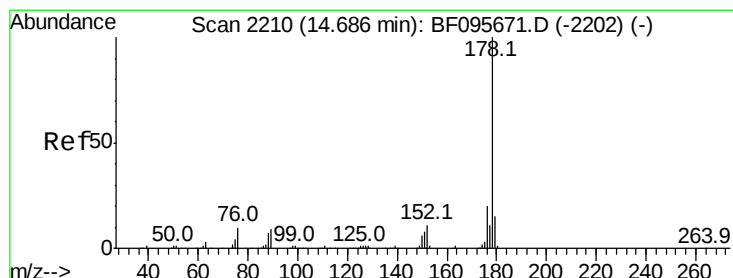
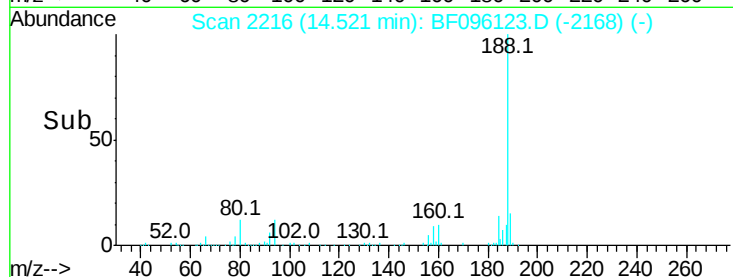
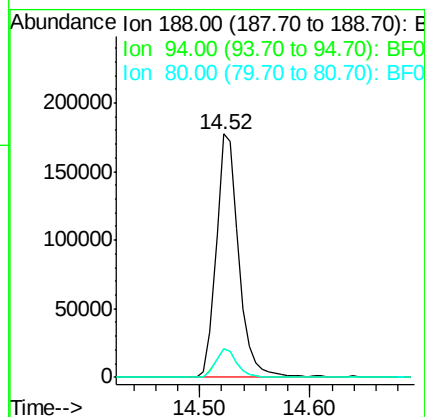
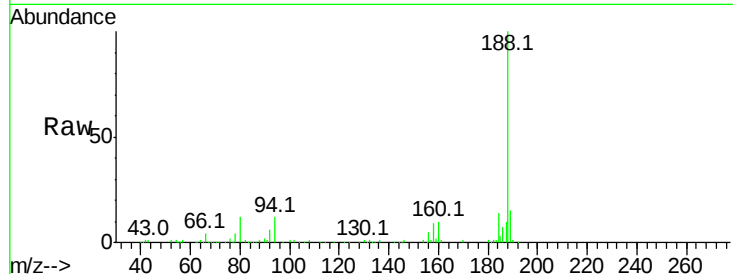
ClientSampleId :

FK-SF-02-001-ARE

Tot Ion:	188	Resp:	249045
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.4	14.2
80	11.7	10.2	15.2

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#70

Phenanthrene

Concen: 5.09 ng

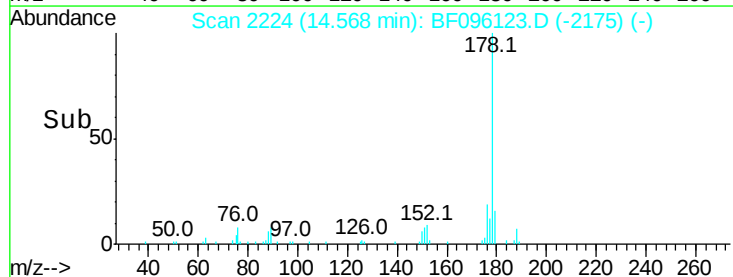
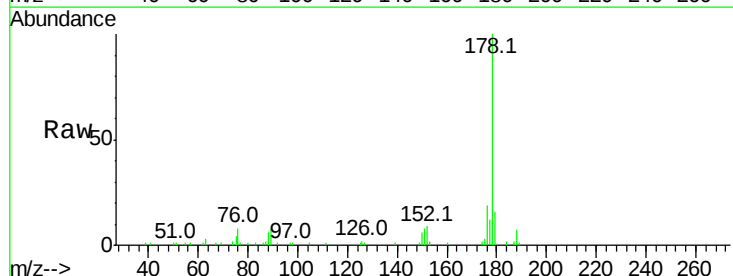
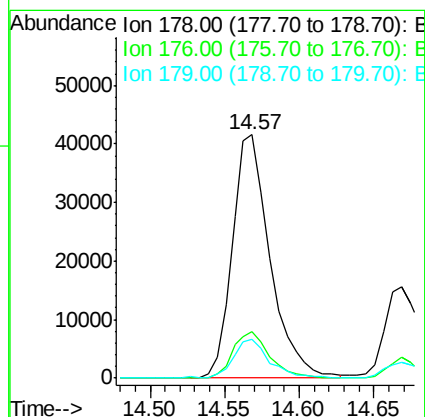
RT: 14.57 min Scan# 2224

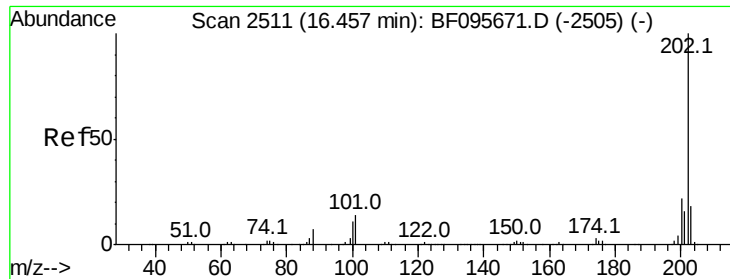
Delta R.T. -0.01 min

Lab File: BF096123.D

Acq: 22 Jun 2017 15:44

Tgt Ion:	178	Resp:	73126
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.2	24.4
179	15.9	12.6	19.0





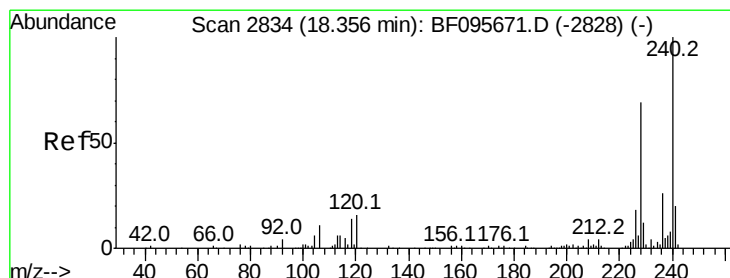
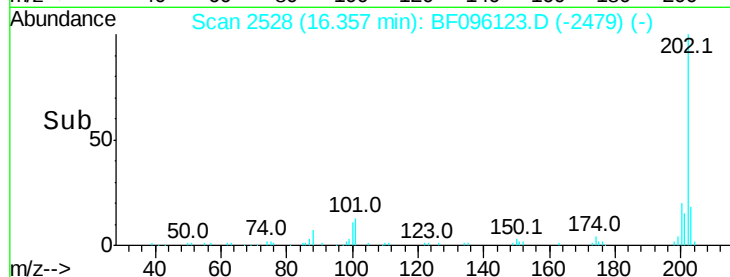
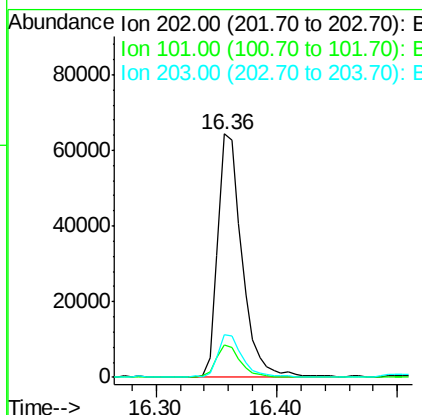
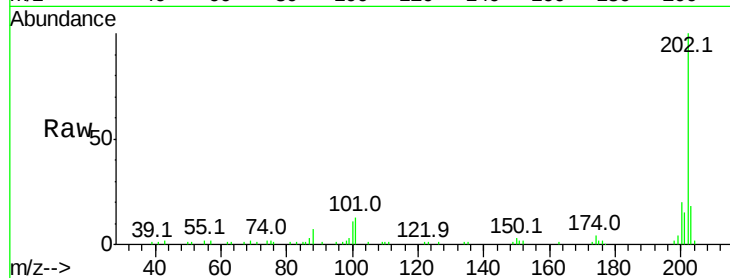
#74
Fluoranthene
 Concen: 6.28 ng
 RT: 16.36 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BF096123.D
 Acq: 22 Jun 2017 15:44

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.6	0.0	38.1

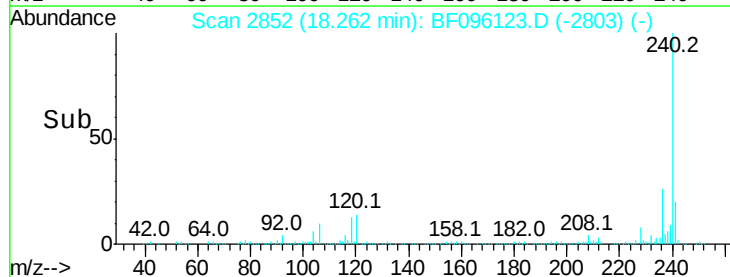
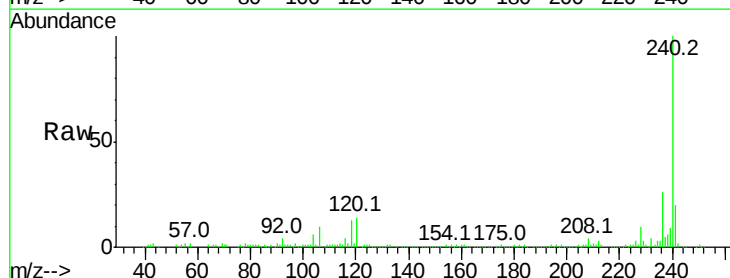
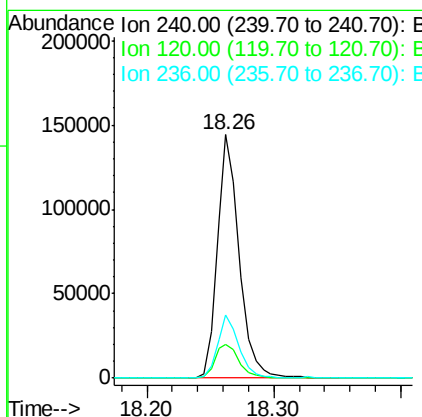
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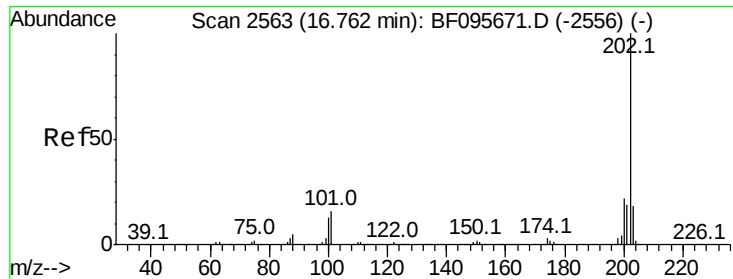
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.26 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF096123.D
 Acq: 22 Jun 2017 15:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.7	20.5	30.7





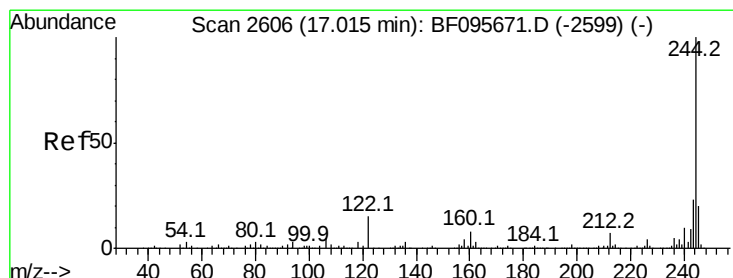
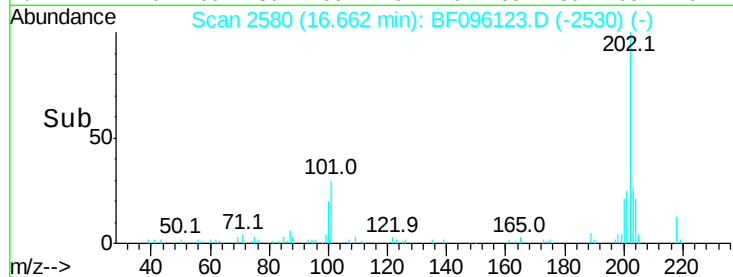
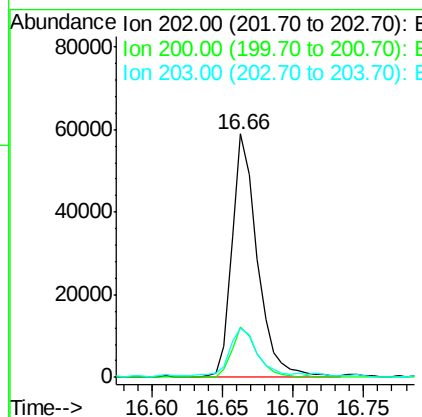
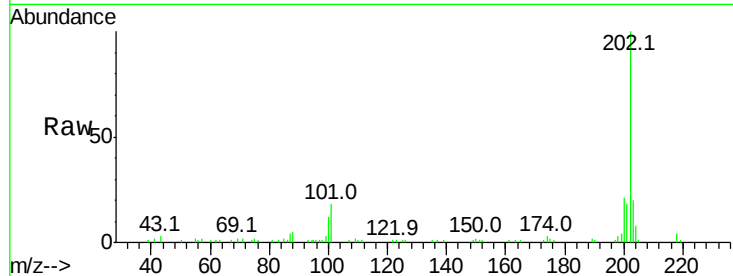
#77
Pvrene
Concen: 5.73 ng
RT: 16.66 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF096123.D
Acq: 22 Jun 2017 15:44

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	20.3	14.4	21.6

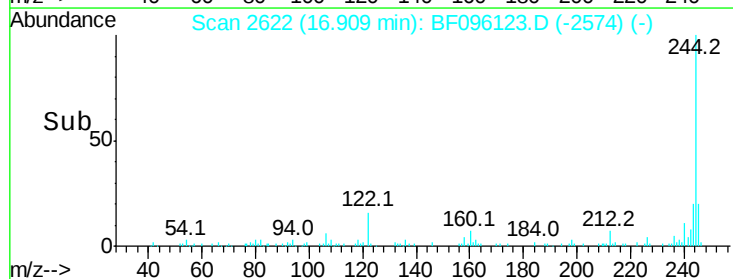
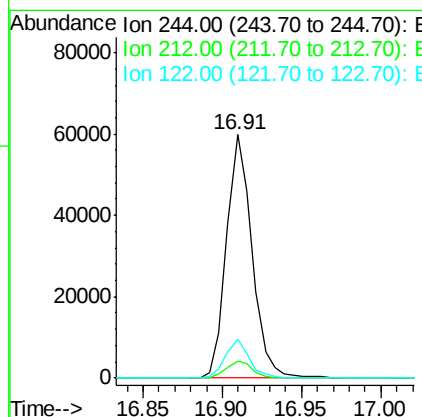
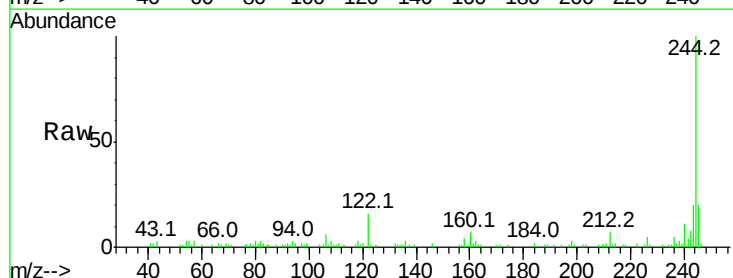
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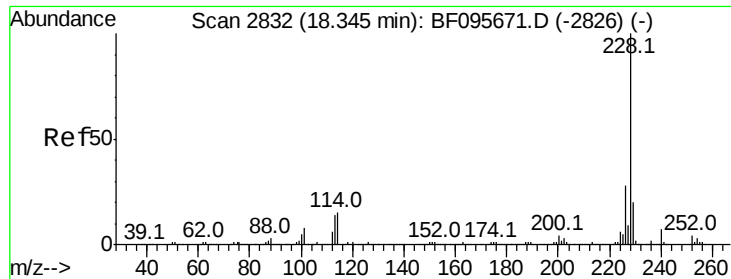
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#78
Terphenyl-d14
Concen: 9.56 ng
RT: 16.91 min Scan# 2622
Delta R.T. -0.02 min
Lab File: BF096123.D
Acq: 22 Jun 2017 15:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.7	10.3	15.5#





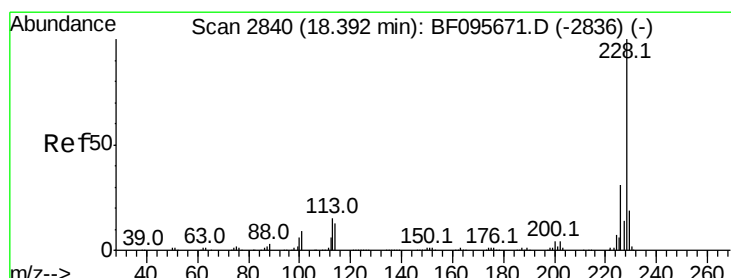
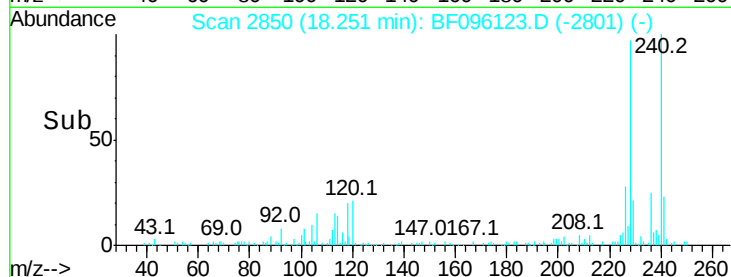
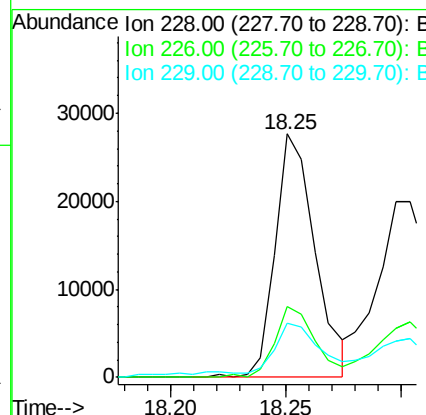
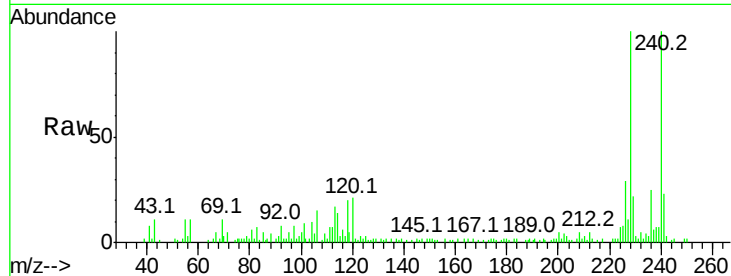
#80
Benzo(a)anthracene
Concen: 3.28 ng
RT: 18.25 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF096123.D
Acq: 22 Jun 2017 15:44

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	22.4	16.3	24.5

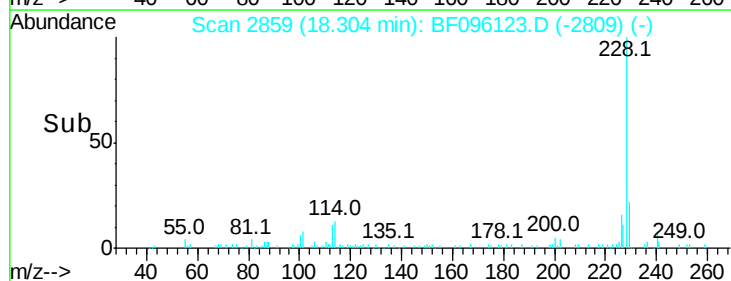
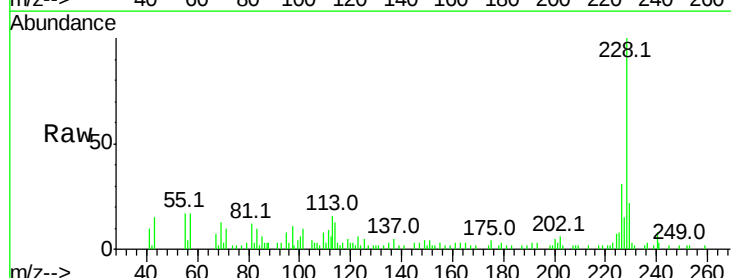
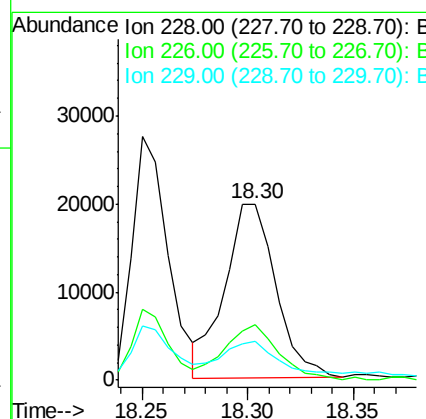
Manual Integrations
APPROVED

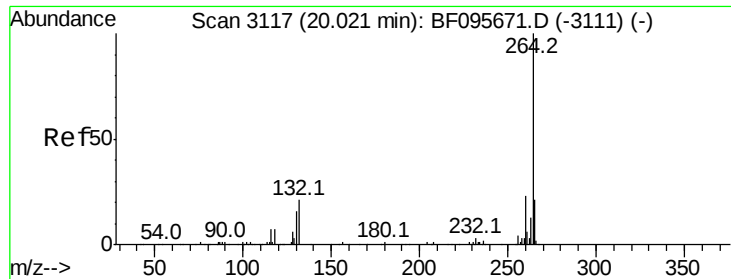
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#82
Chrysene
Concen: 3.30 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096123.D
Acq: 22 Jun 2017 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.7	15.8	23.6





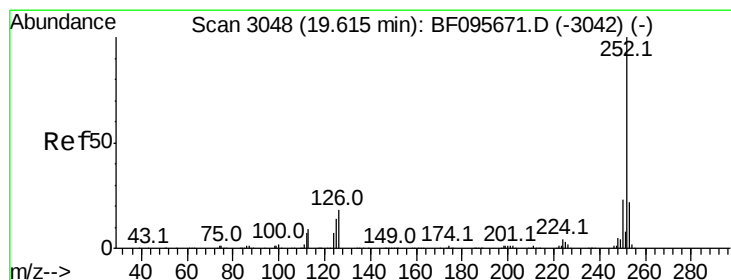
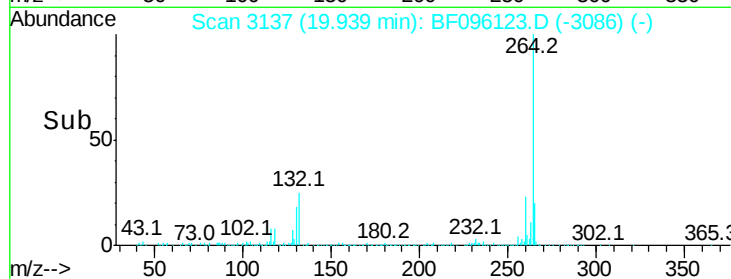
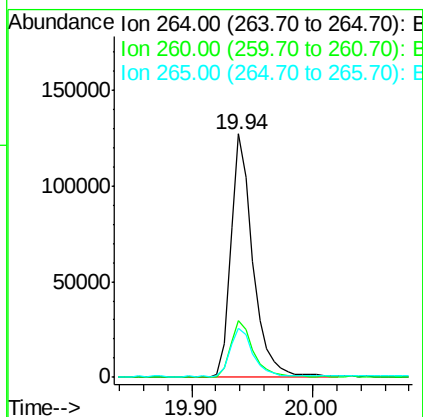
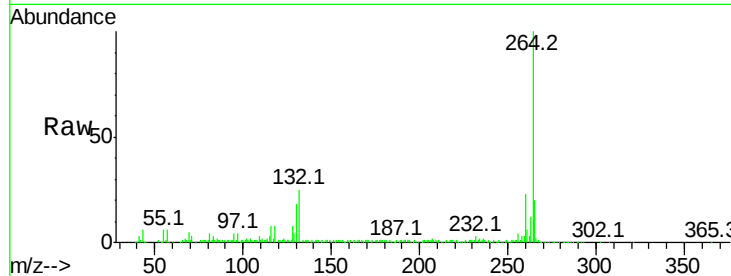
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BF096123.D
Acq: 22 Jun 2017 15:44

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.3	17.2	25.8

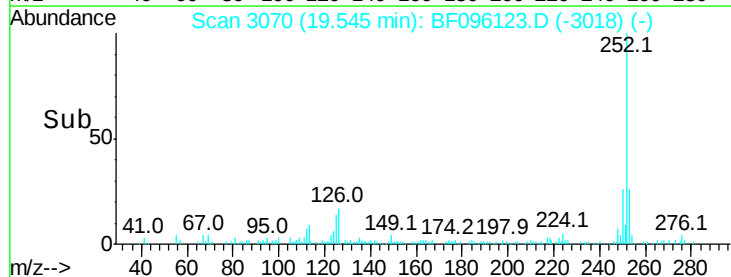
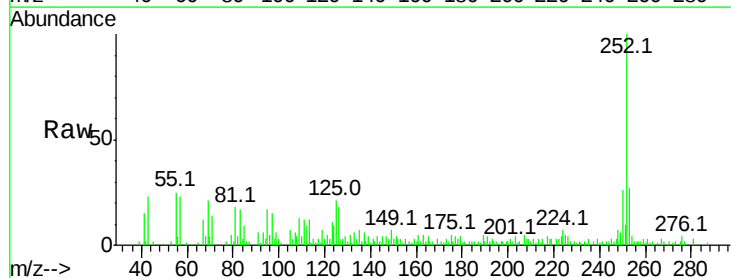
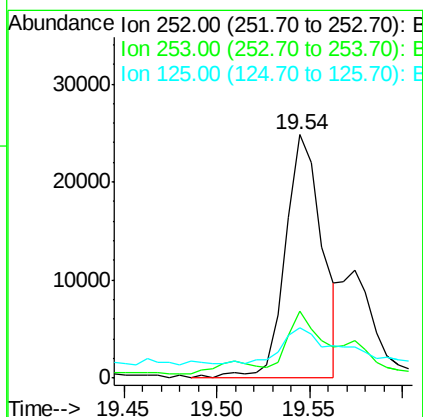
Manual Integrations
APPROVED

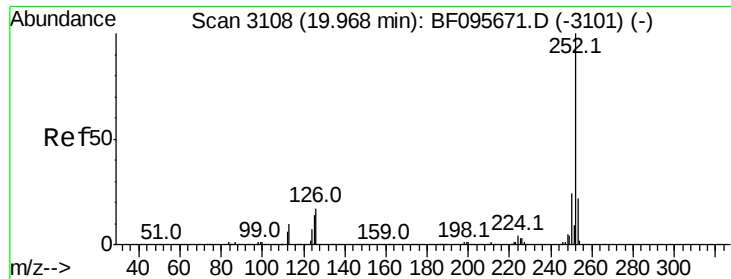
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#87
Benzo(b)fluoranthene
Concen: 3.35 ng m
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096123.D
Acq: 22 Jun 2017 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.1	27.1#
125	20.7	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.43 ng

RT: 19.89 min Scan# 3129

Delta R.T. 0.01 min

Lab File: BF096123.D

Acq: 22 Jun 2017 15:44

Instrument :

BNA_F

ClientSampleId :

FK-SF-02-001-ARE

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.5	26.3#
125	25.1	11.0	16.4#

Manual Integrations
APPROVED

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