

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114862.D
 Acq On : 6 Jun 2019 14:48
 Operator : HP/JU
 Sample : K3109-01RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-006RE

Manual Integrations
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Quant Time: Jun 07 02:03:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	512457	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1942863	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	925446	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1609721	20.00	ng	0.00
76) Chrysene-d12	13.80	240	858540	20.00	ng	0.00
87) Perylene-d12	15.19	264	934667	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	42237	1.44	ng	0.01
7) Phenol-d6	6.30	99	919175	25.76	ng	0.00
23) Nitrobenzene-d5	7.23	82	2046010	64.83	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	271	0.03	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3479660	70.43	ng	0.00
79) Terphenyl-d14	12.76	244	3042535	68.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	674585	9.980	ng	99
71) Phenanthrene	11.19	178	514386	6.694	ng	95
75) Fluoranthene	12.37	202	494404	6.181	ng	96
78) Pyrene	12.60	202	415062	5.573	ng	97
81) Benzo(a)anthracene	13.79	228	158886	2.402	ng	97
83) Chrysene	13.82	228	153650	2.387	ng	97
88) Benzo(b)fluoranthene	14.80	252	184397m	3.099	ng	
90) Benzo(a)pyrene	15.13	252	111707	2.169	ng	# 47

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

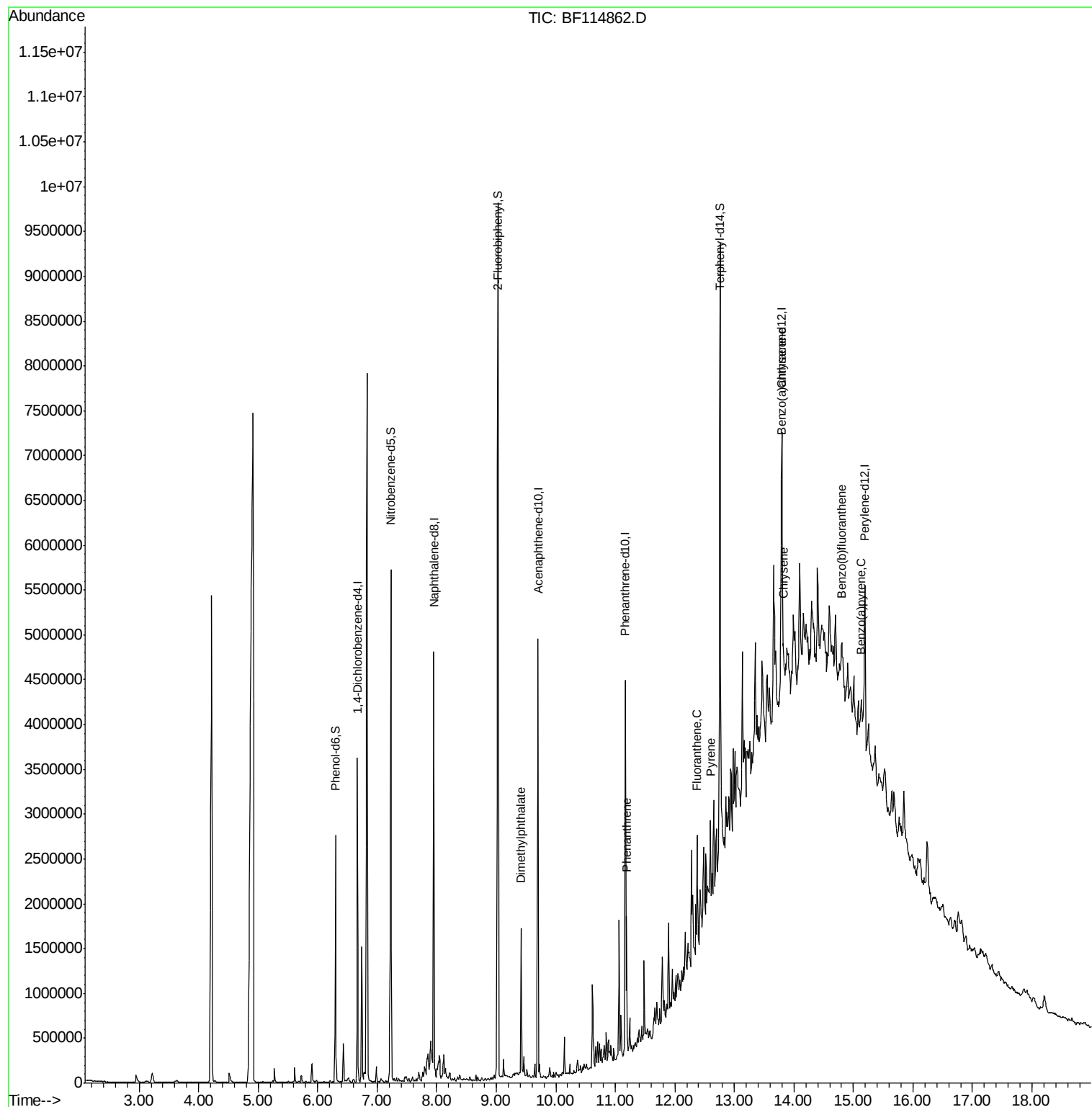
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114862.D
Acq On : 6 Jun 2019 14:48
Operator : HP/JU
Sample : K3109-01RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

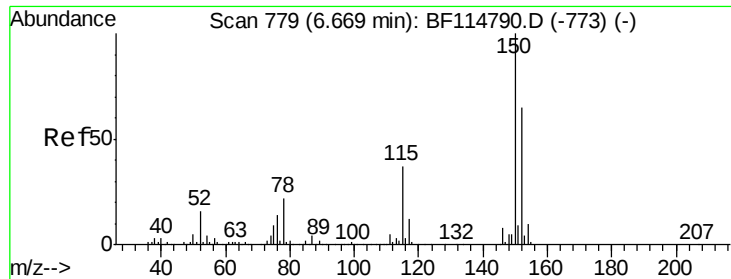
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
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#1

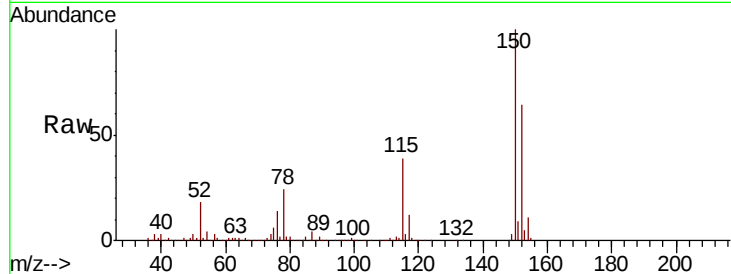
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.0	186.0
115	60.0	46.3	69.5

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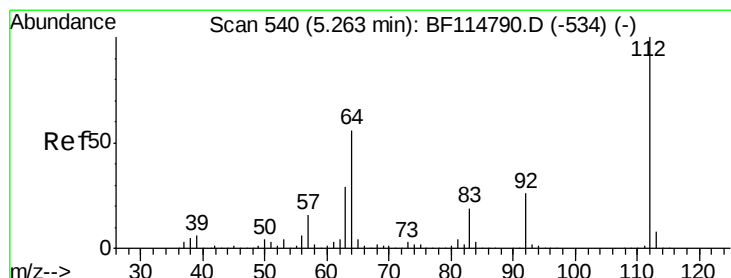
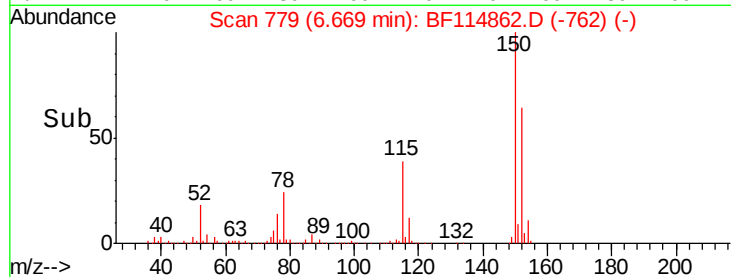
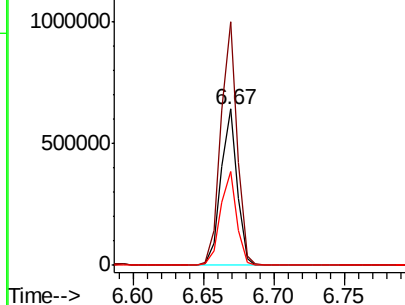


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

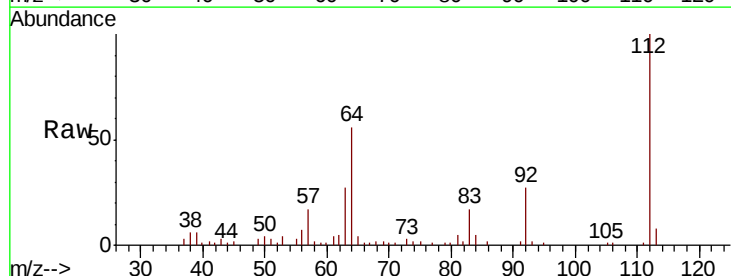
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 1.440 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.6	66.8
63	27.3	23.0	34.4

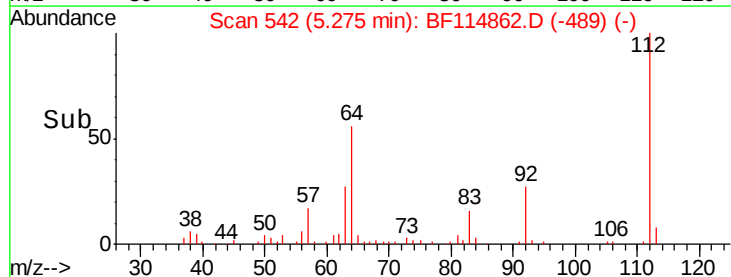
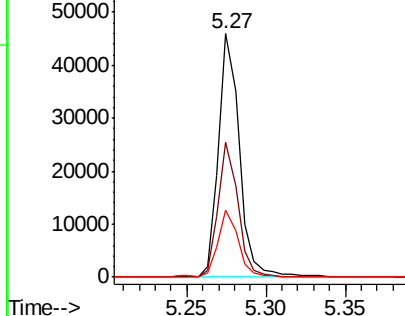


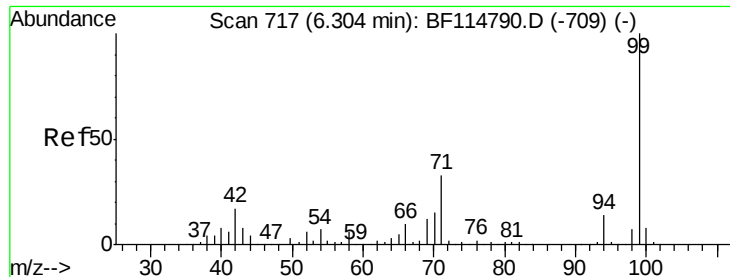
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.757 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114862.D

Acq: 6 Jun 2019 14:48

Instrument :

BNA_F

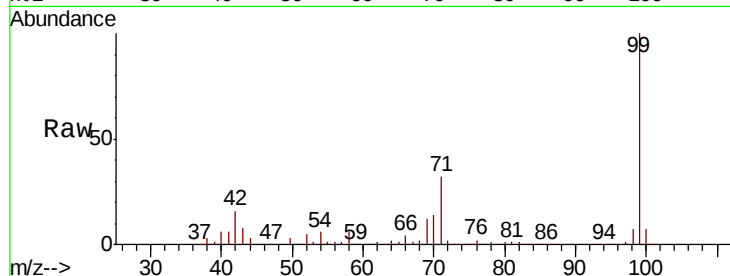
ClientSampleId :

FK-0D015-03-006RE

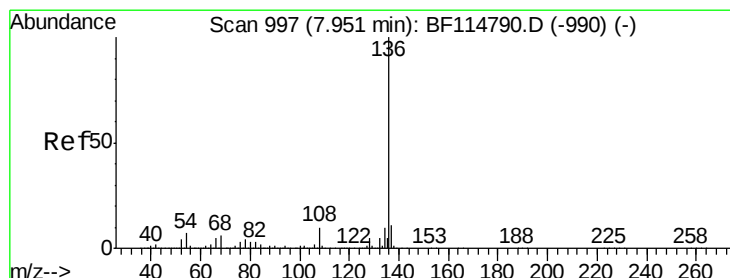
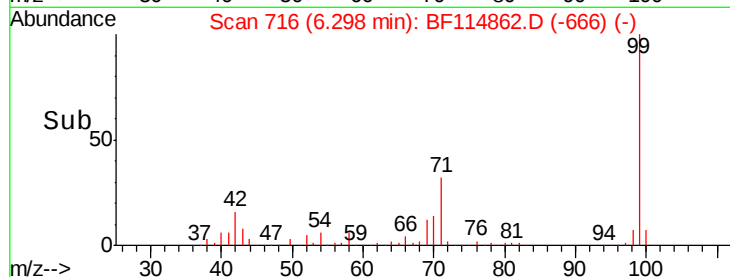
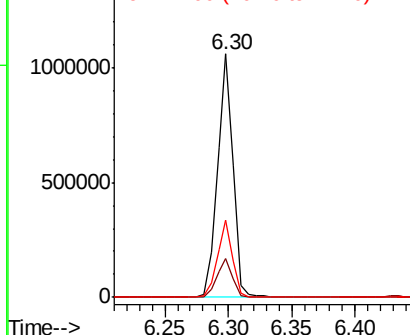
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		919175		
42	15.7	13.3	19.9		
71	31.6	26.3	39.5		

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

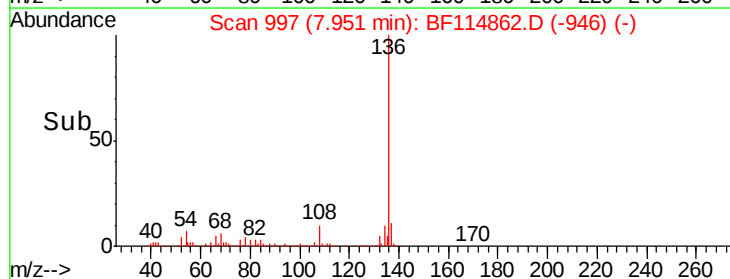
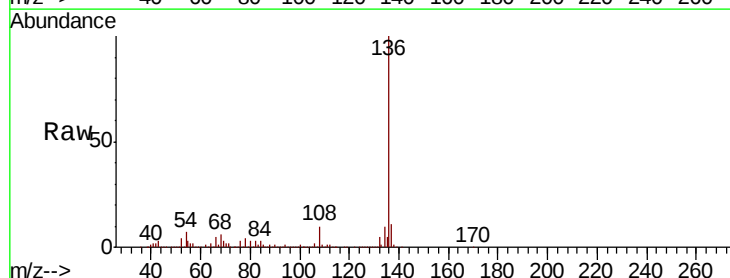
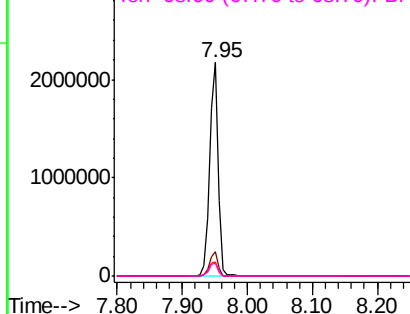
Delta R.T. -0.00 min

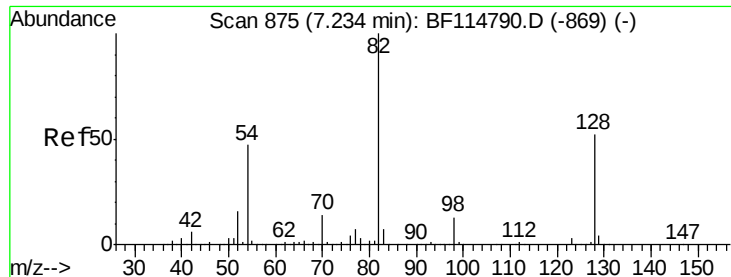
Lab File: BF114862.D

Acq: 6 Jun 2019 14:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1942863		
137	11.4	9.1	13.7		
54	6.9	5.4	8.0		
68	6.0	4.6	6.8		

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





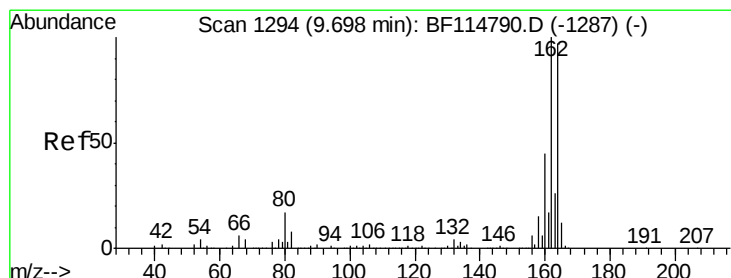
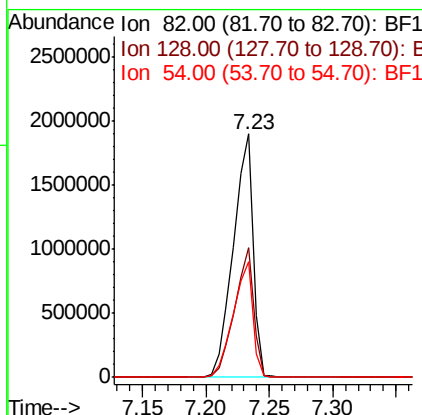
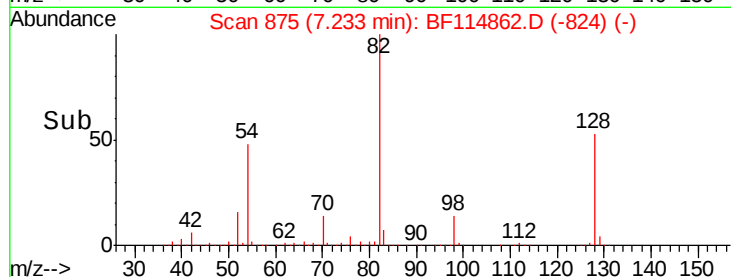
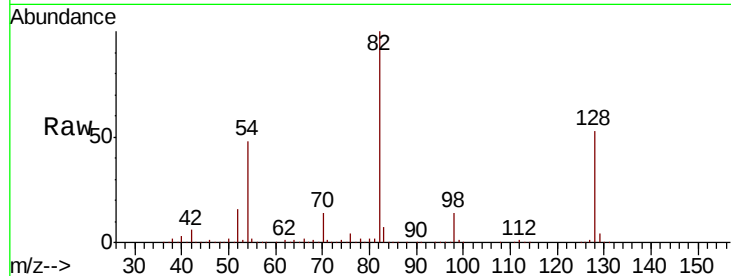
#23
Nitrobenzene-d5
Concen: 64.827 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.3	41.8	62.6
54	47.7	37.9	56.9

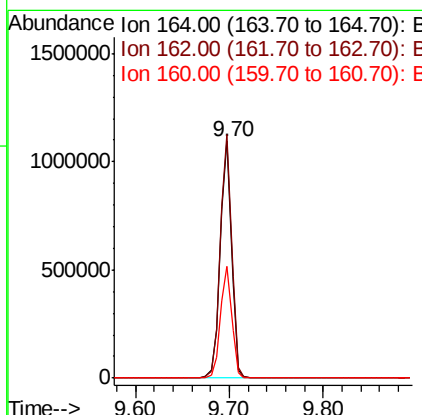
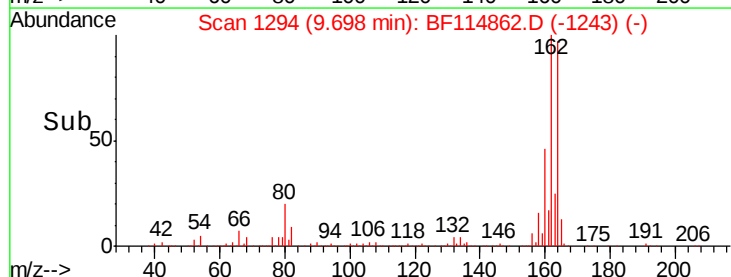
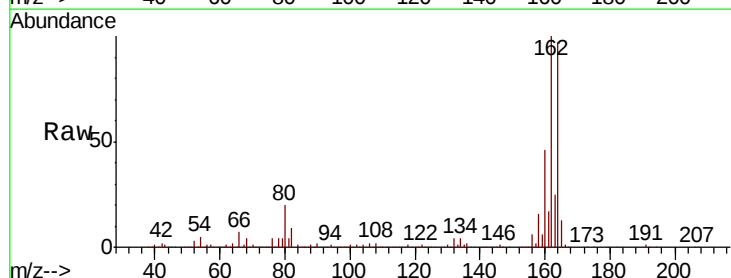
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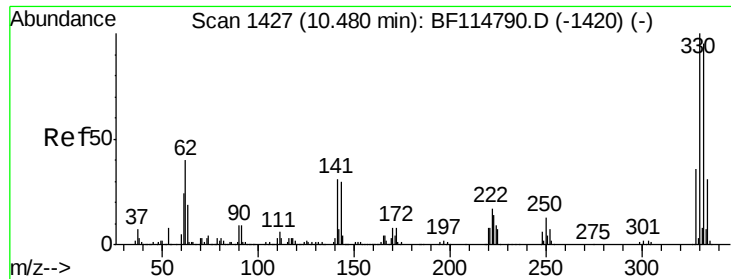
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.3	123.5
160	47.1	36.7	55.1





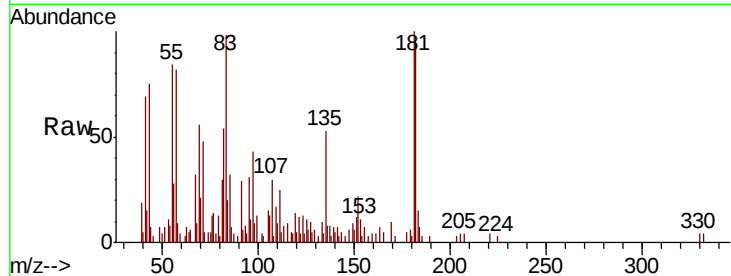
#42
 2,4,6-Tribromophenol
 Concen: 0.027 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114862.D
 Acq: 6 Jun 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-006RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	128.4	77.3	115.9#
141	284.5	26.2	39.4#

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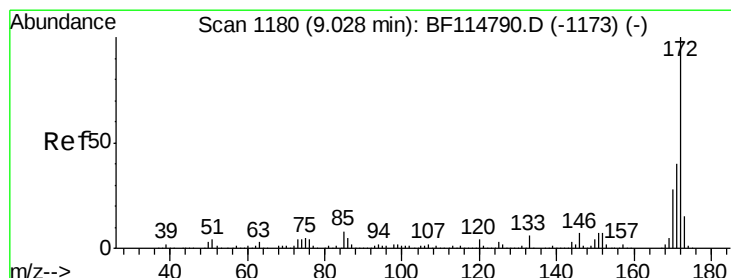
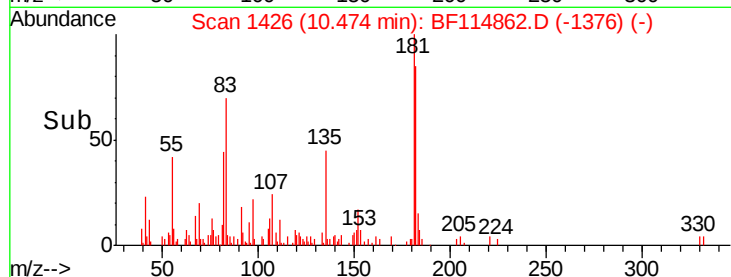
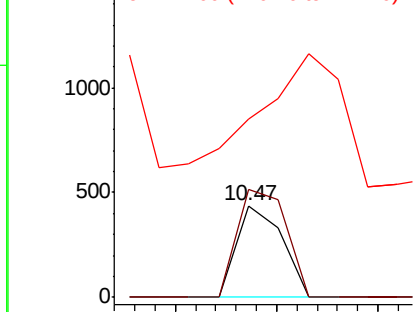


Abundance

Ion 329.80 (329.50 to 330.50): E

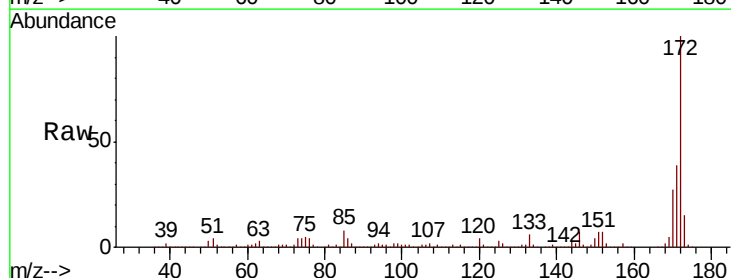
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.435 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF114862.D
 Acq: 6 Jun 2019 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.3	48.5
170	27.2	22.4	33.6

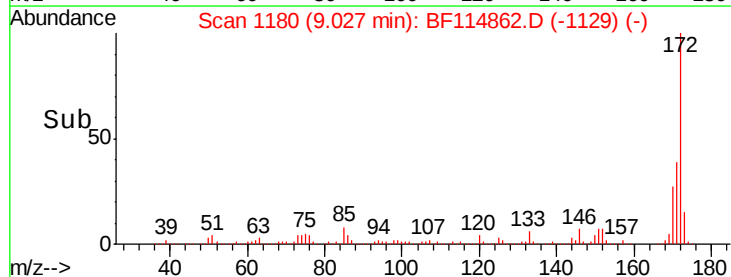
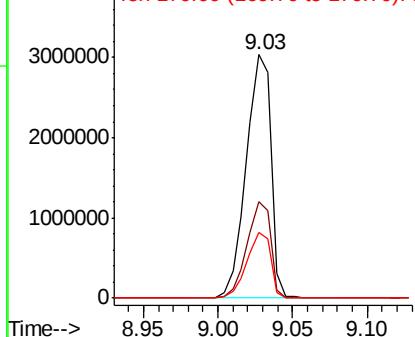


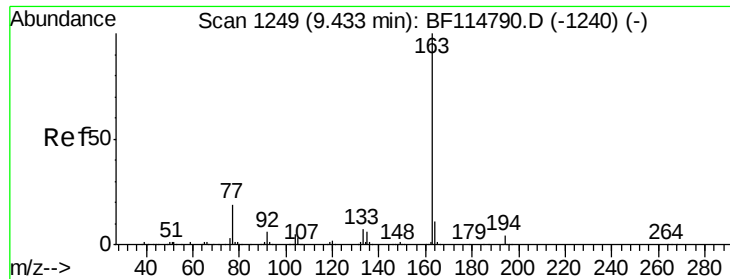
Abundance

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





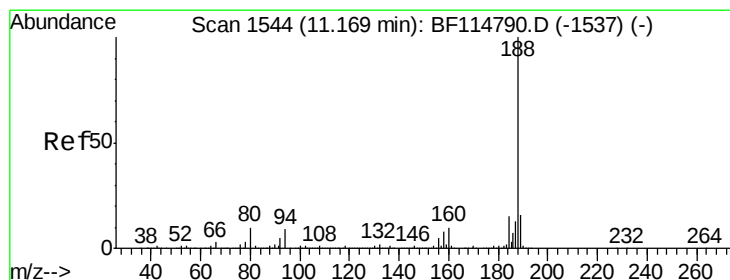
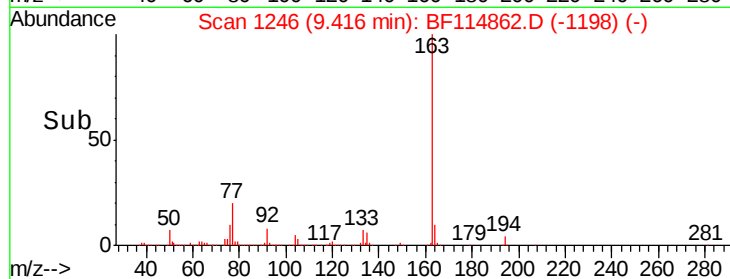
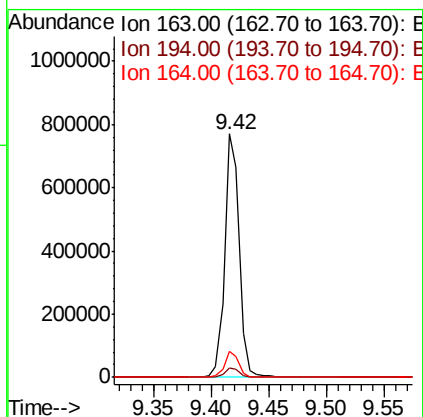
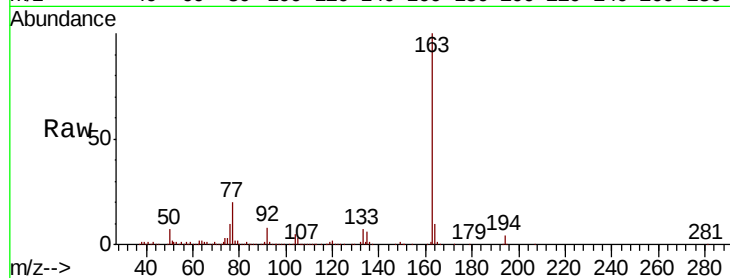
#50
Dimethylphthalate
Concen: 9.980 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.4	8.6	13.0

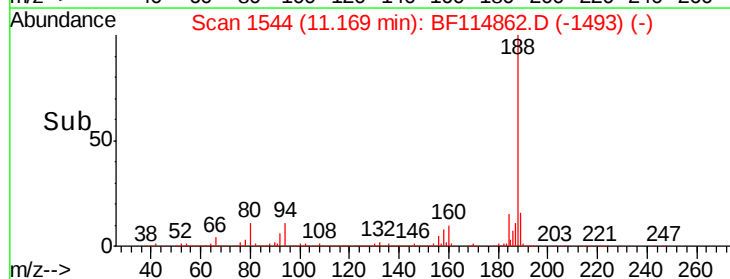
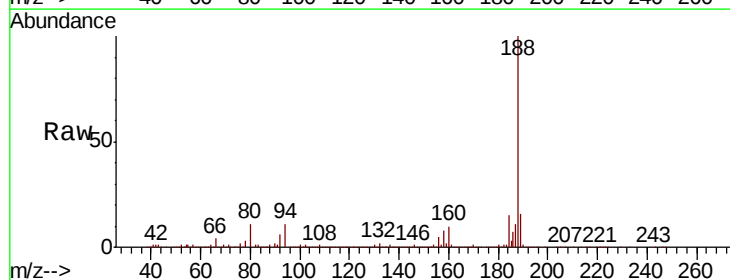
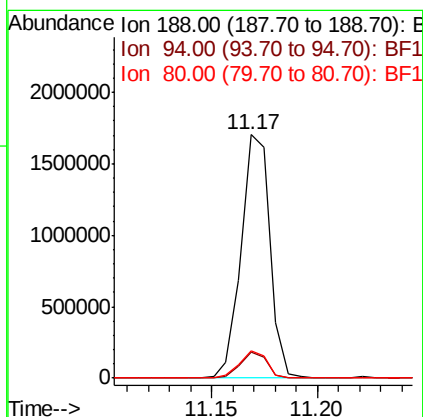
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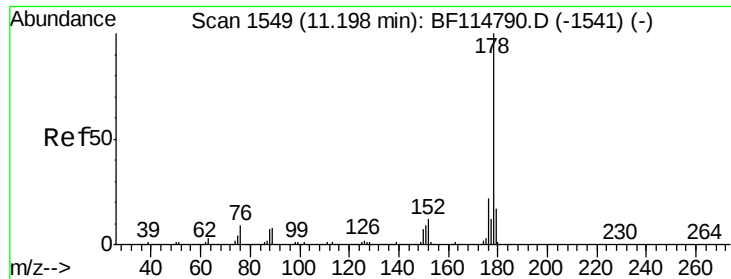
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.6	11.4
80	11.4	8.3	12.5





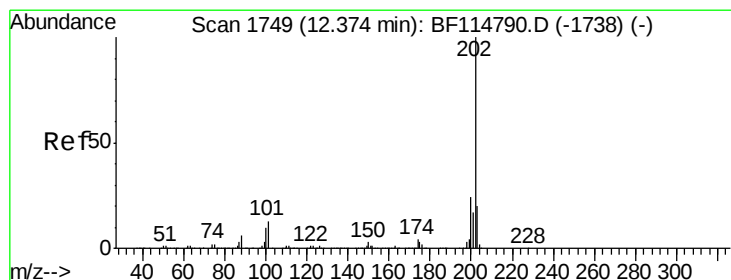
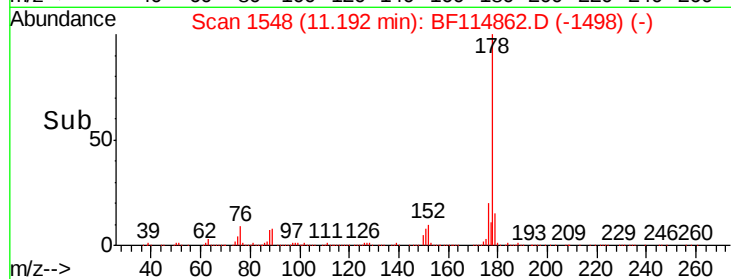
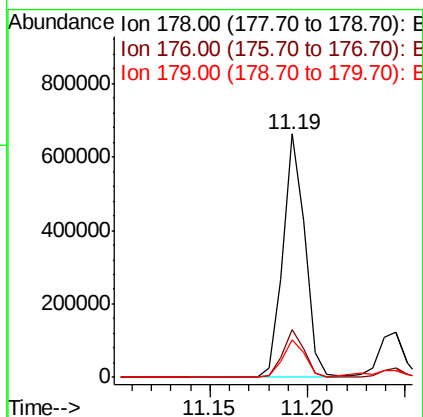
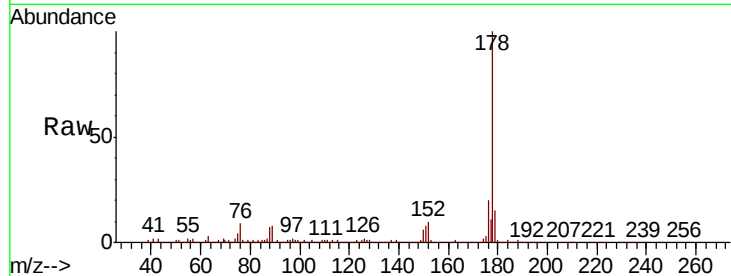
#71
Phenanthrene
Concen: 6.694 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.7	26.5
179	15.3	13.7	20.5

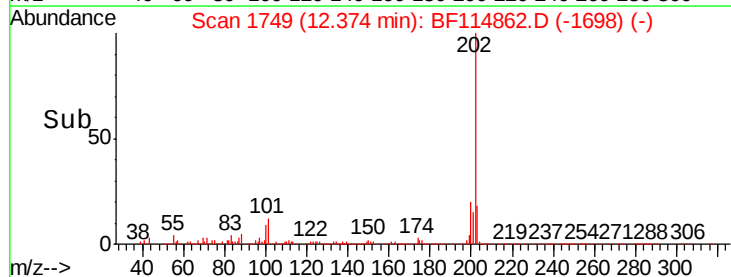
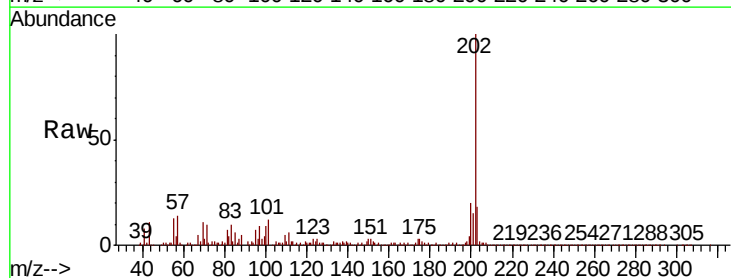
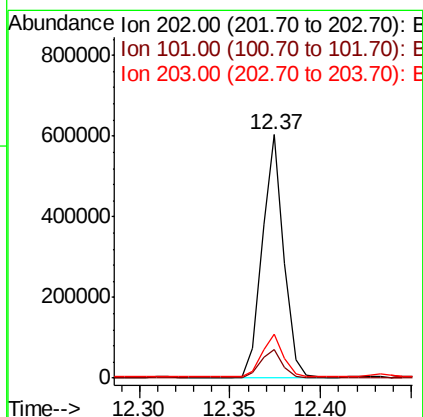
Manual Integrations
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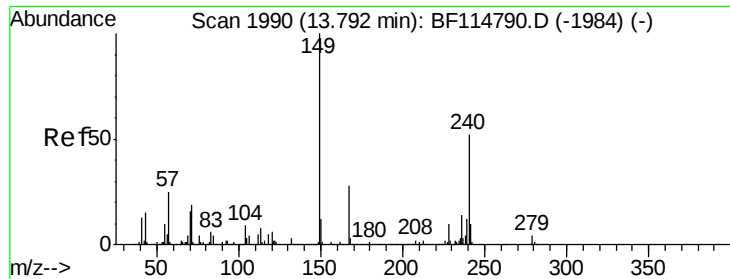
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#75
Fluoranthene
Concen: 6.181 ng
RT: 12.37 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.8
203	18.0	0.2	40.2





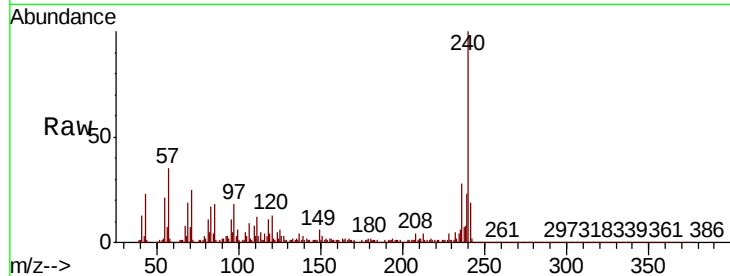
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.0	13.4
236	28.0	21.4	32.0

Manual Integrations
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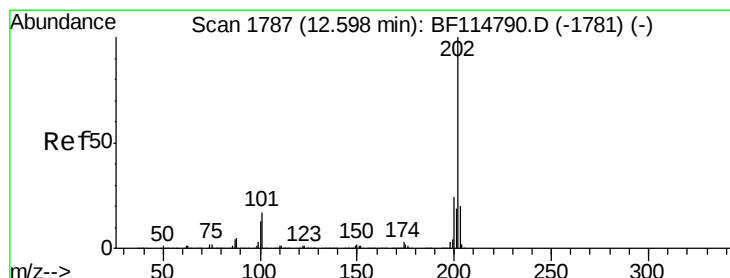
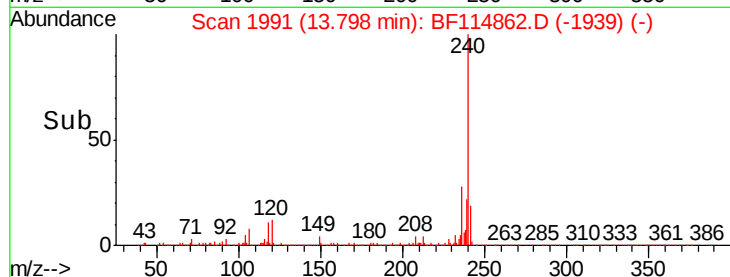
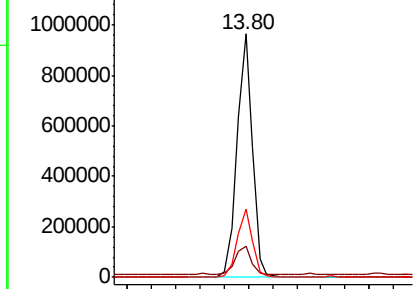


Abundance

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



#78
Pyrene
Concen: 5.573 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

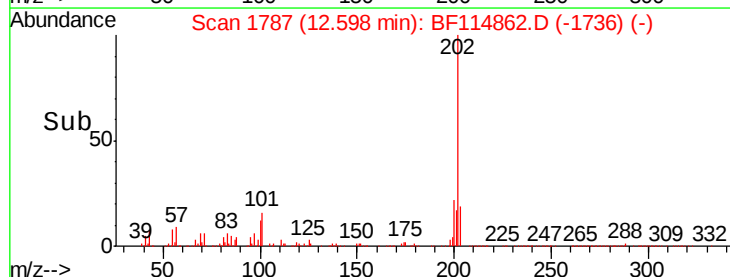
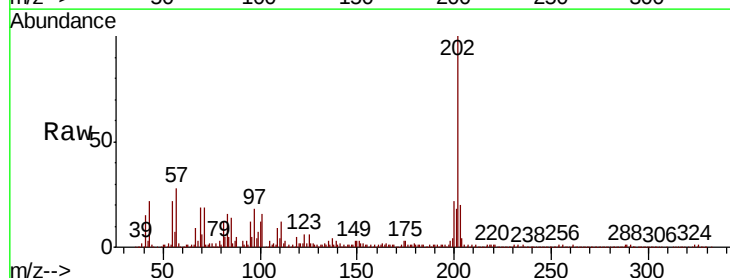
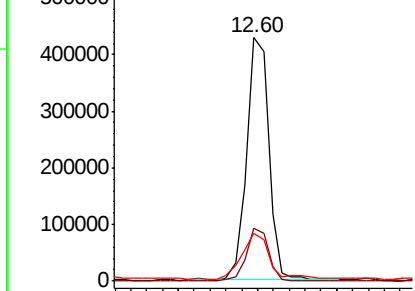
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	19.2	28.8
203	19.6	15.9	23.9

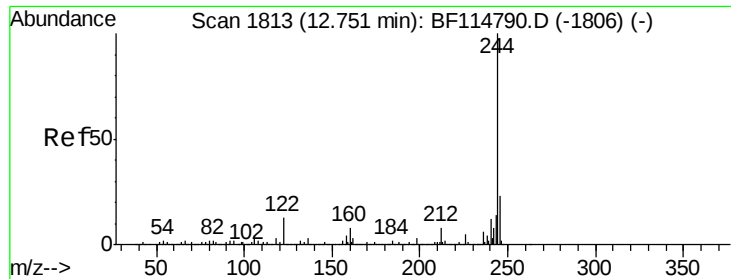
Abundance

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





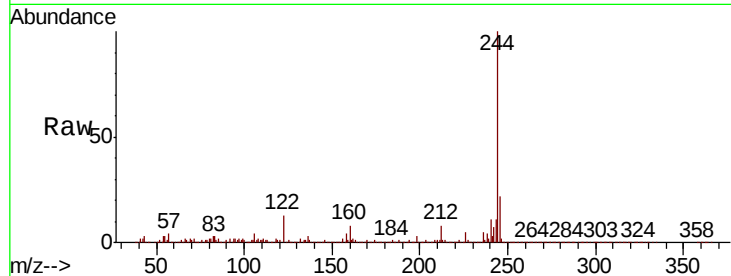
#79
 Terphenyl-d14
 Concen: 68.919 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114862.D
 Acq: 6 Jun 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-006RE

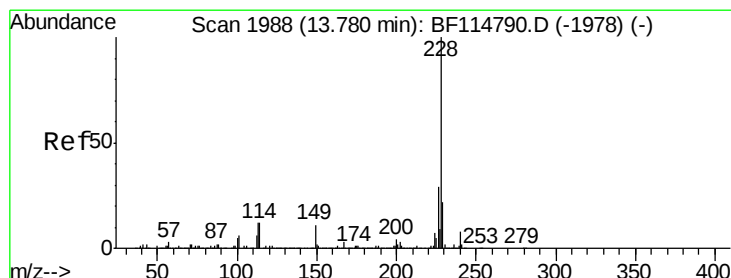
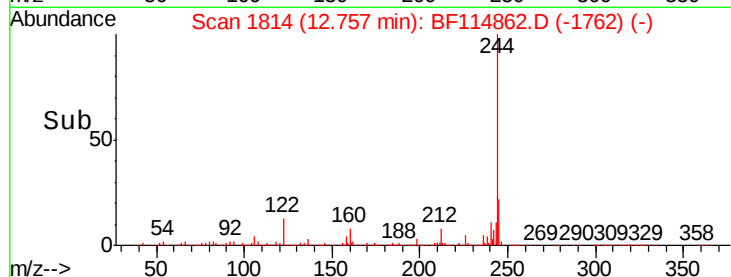
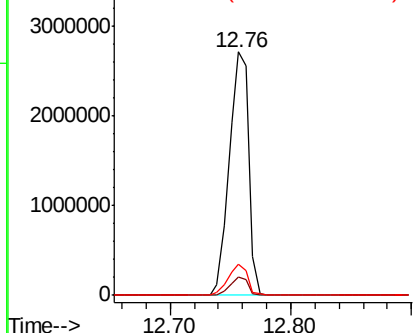
Tot Ion:244 Resp: 3042535
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 12.8 10.5 15.7

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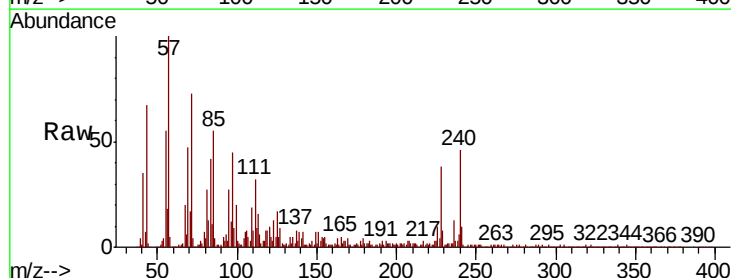


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

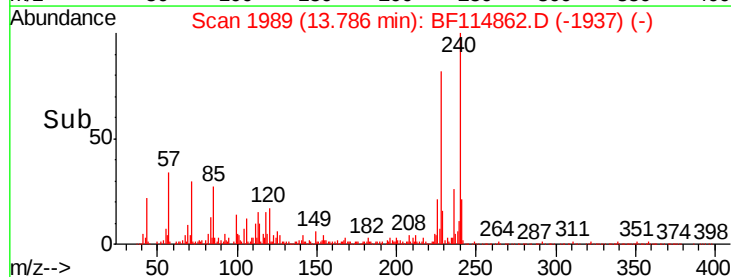
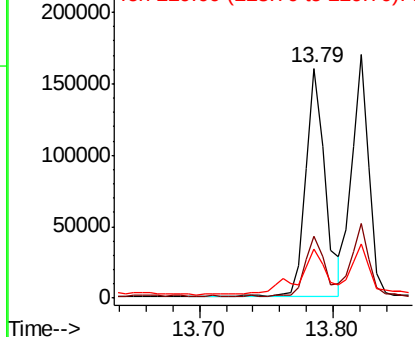


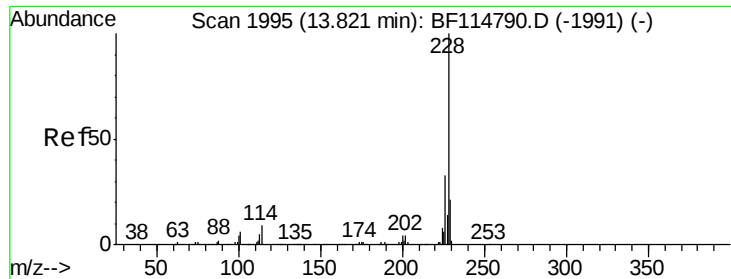
#81
 Benzo(a)anthracene
 Concen: 2.402 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: BF114862.D
 Acq: 6 Jun 2019 14:48

Tgt Ion:228 Resp: 158886
 Ion Ratio Lower Upper
 228 100
 226 26.9 23.4 35.2
 229 21.3 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





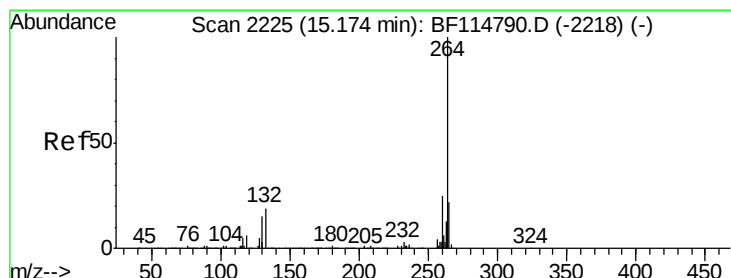
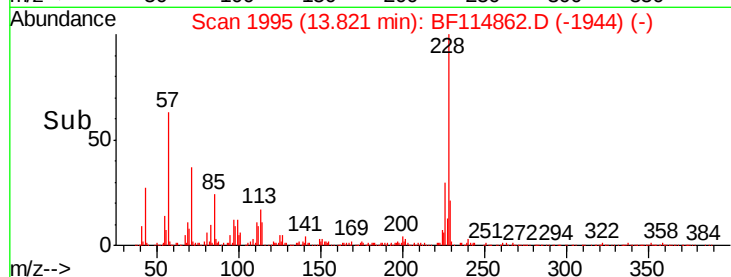
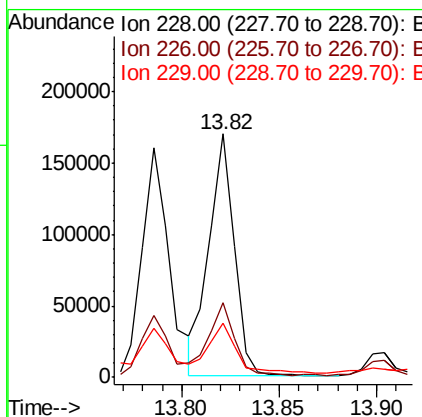
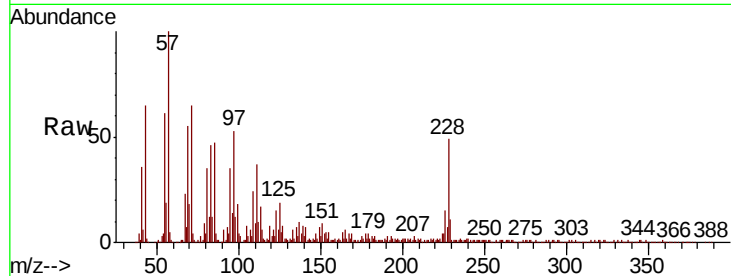
#83
Chrysene
Concen: 2.387 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	26.0	39.0
229	22.4	17.1	25.7

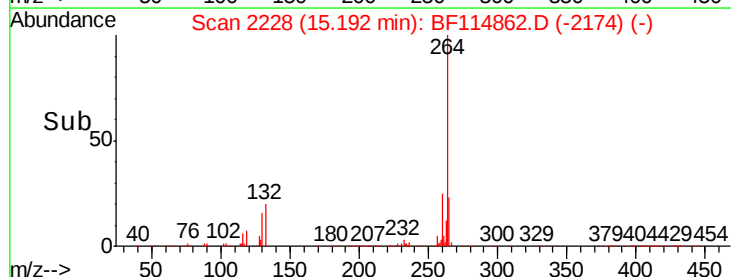
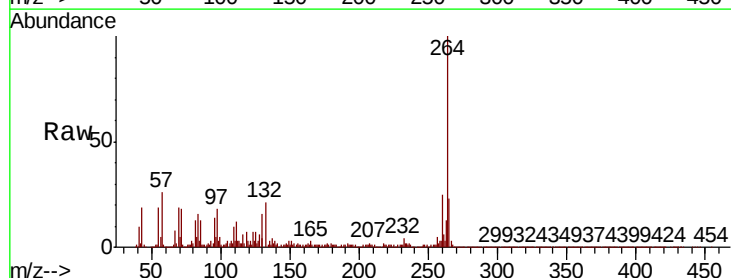
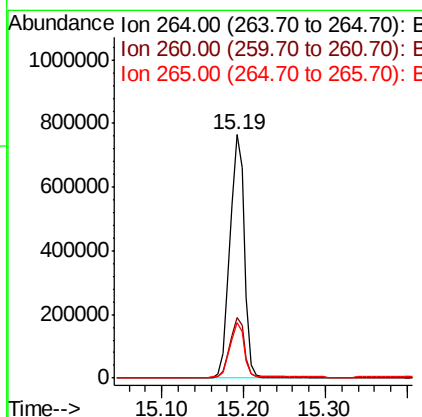
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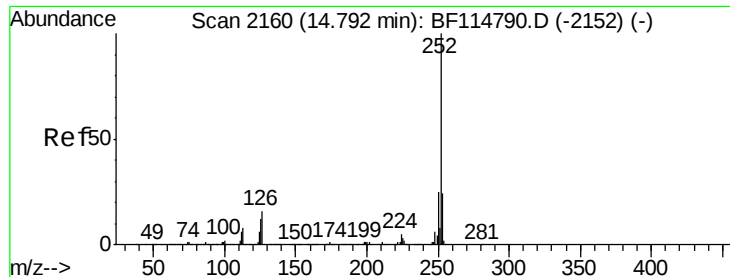
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.02 min
Lab File: BF114862.D
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.8	17.7	26.5





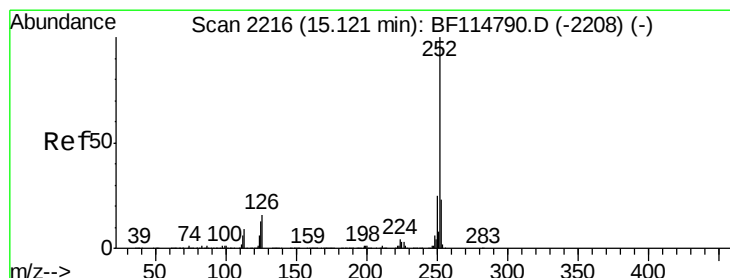
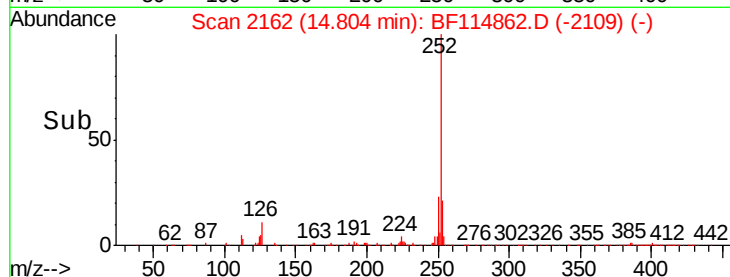
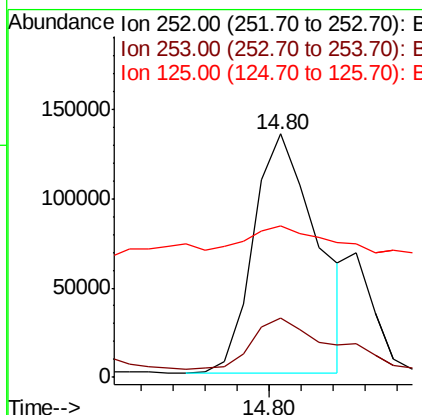
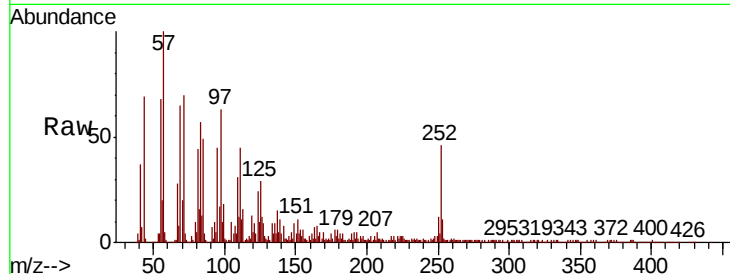
#88
Benzo(b)fluoranthene
Concen: 3.099 ng m
RT: 14.80 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.6
125	62.3	9.4	14.0#

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#90
Benzo(a)pyrene
Concen: 2.169 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF114862.D
Acq: 6 Jun 2019 14:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.5	27.7
125	68.4	10.1	15.1#

