

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114993.D
 Acq On : 13 Jun 2019 10:26
 Operator : HP/JU
 Sample : K3159-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-061119-B

Manual Integrations
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mohammad
 6/14/2019 8:47:08 AM

Quant Time: Jun 13 18:11:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	310253	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1177360	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	507939	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	760652	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	586239	20.00	ng	-0.01
87) Perylene-d12	15.14	264	604879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	883594	47.56	ng	0.00
7) Phenol-d6	6.29	99	1086971	48.50	ng	-0.01
23) Nitrobenzene-d5	7.20	82	631652	32.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.46	330	211305	38.85	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	1112258	37.11	ng	0.00
79) Terphenyl-d14	12.73	244	775916	24.89	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.40	163	206825	5.414	ng	98
71) Phenanthrene	11.17	178	229517	5.844	ng	97
75) Fluoranthene	12.35	202	361140	8.993	ng	98
78) Pyrene	12.57	202	321921	6.028	ng	96
81) Benzo(a)anthracene	13.76	228	189674	4.324	ng	98
83) Chrysene	13.79	228	162797	3.732	ng	96
88) Benzo(b)fluoranthene	14.76	252	221215m	5.501	ng	
90) Benzo(a)pyrene	15.09	252	143598	4.139	ng	95

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

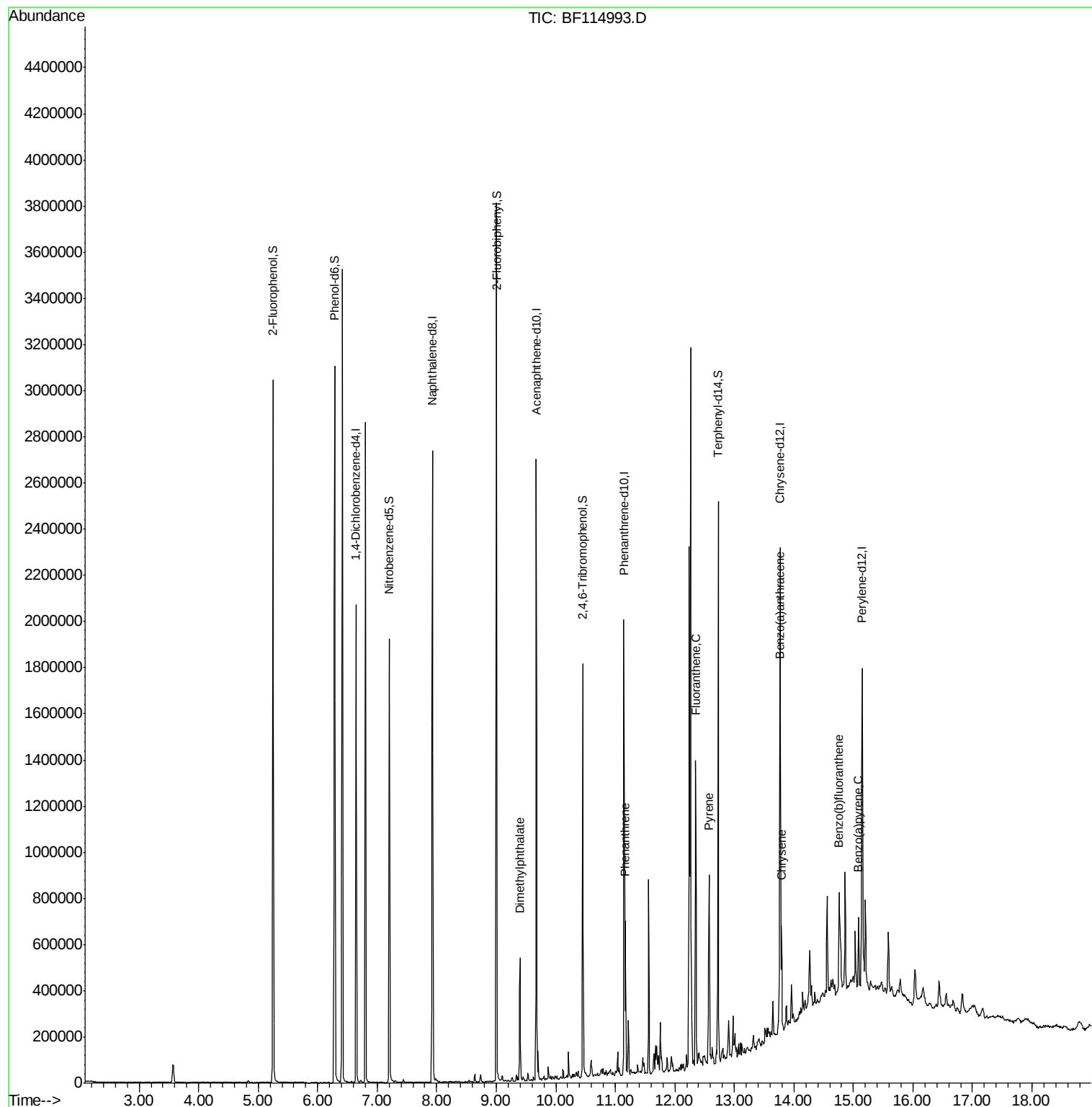
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114993.D
Acq On : 13 Jun 2019 10:26
Operator : HP/JU
Sample : K3159-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

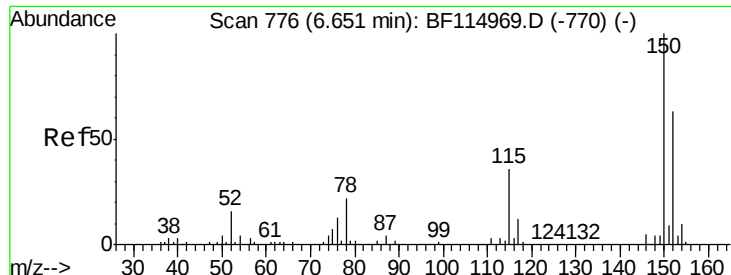
Instrument :
BNA_F
ClientSampleId :
OR-03-061119-B

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Quant Time: Jun 13 18:11:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration





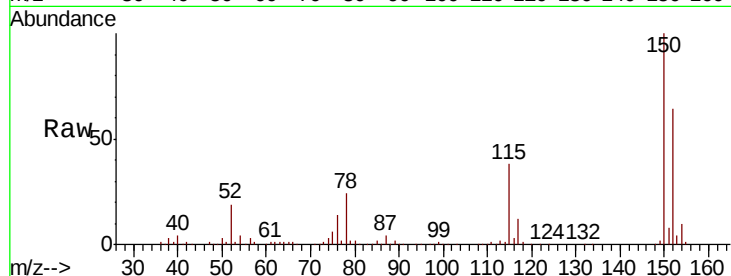
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF114993.D
 Acq: 13 Jun 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-061119-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.0
115	59.9	46.0	69.0

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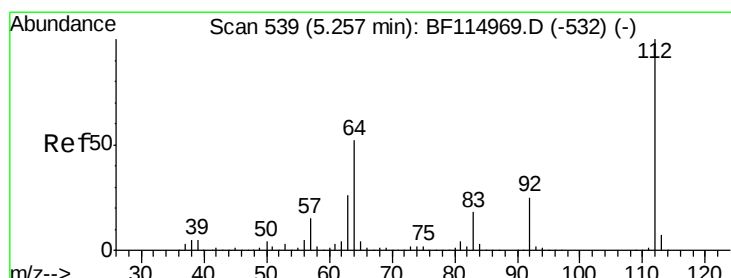
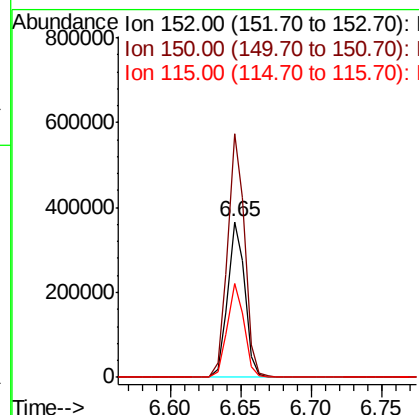
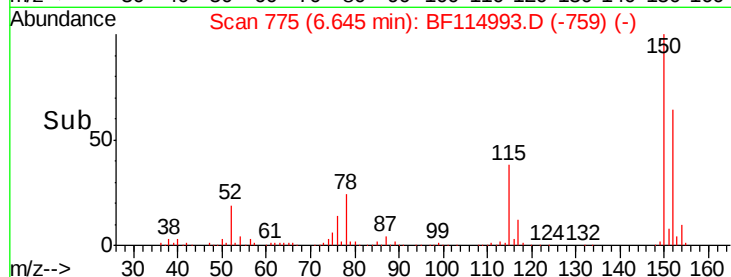


Abundance

Ion 152.00 (151.70 to 152.70): E

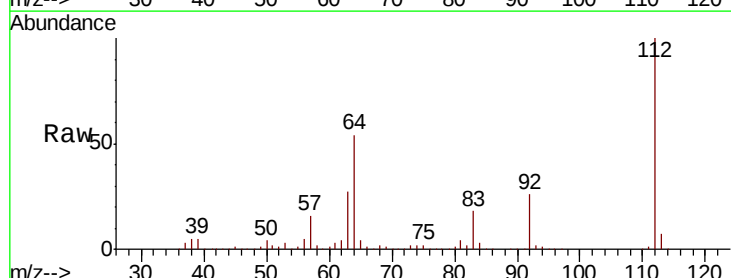
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 47.555 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF114993.D
 Acq: 13 Jun 2019 10:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	41.6	62.4
63	27.3	20.9	31.3

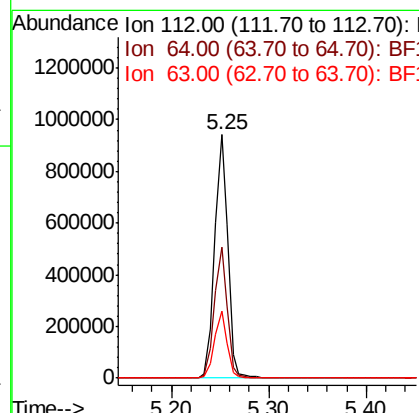
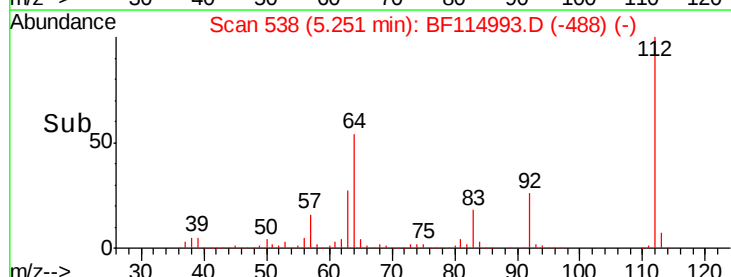


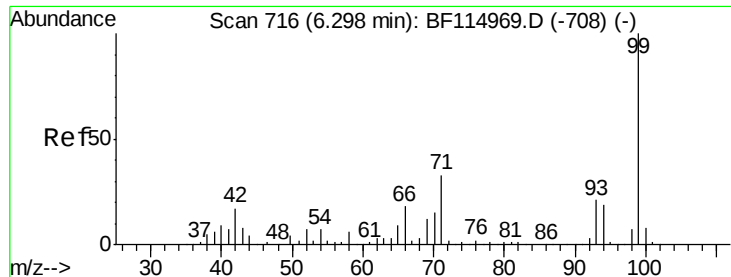
Abundance

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: 48.497 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF114993.D

Acq: 13 Jun 2019 10:26

Instrument :

BNA_F

ClientSampleId :

OR-03-061119-B

Tot Ion: 99 Resp: 1086971

Ion Ratio Lower Upper

99 100

42 15.7 13.4 20.2

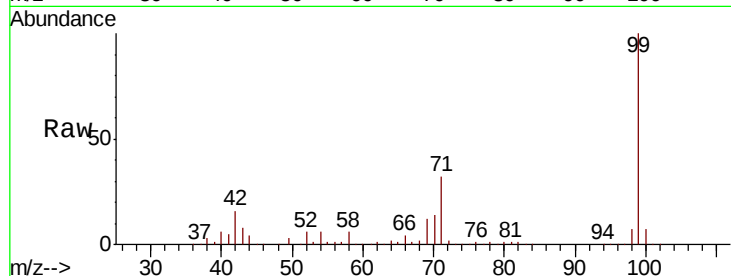
71 32.3 26.4 39.6

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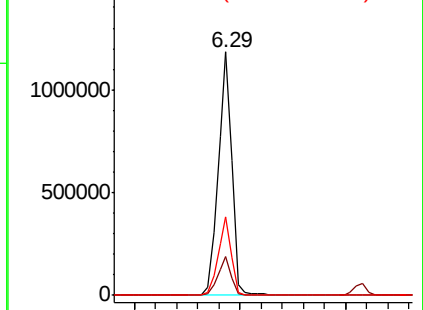
6/14/2019 8:47:08 AM



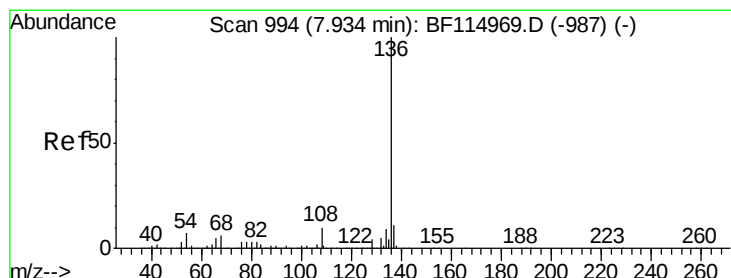
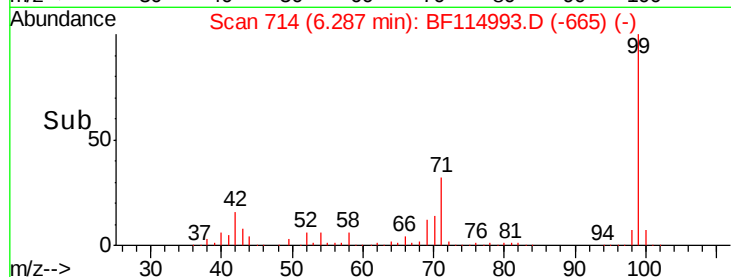
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF114993.D

Acq: 13 Jun 2019 10:26

Tgt Ion:136 Resp: 1177360

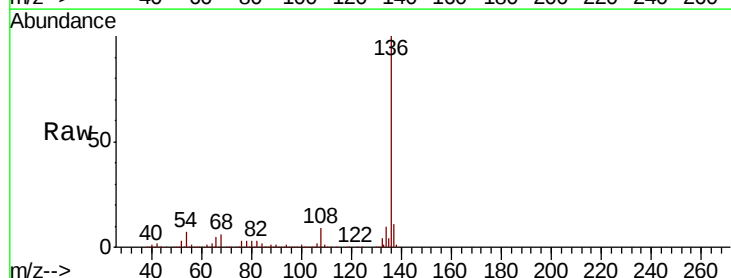
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 6.6 5.4 8.0

68 5.8 4.6 7.0

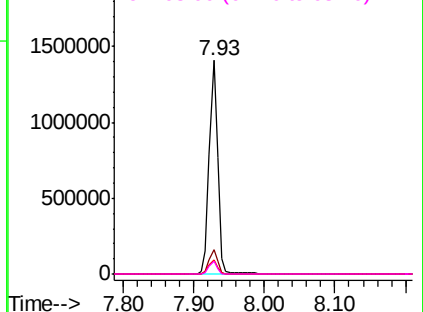


Abundance Ion 136.00 (135.70 to 136.70): E

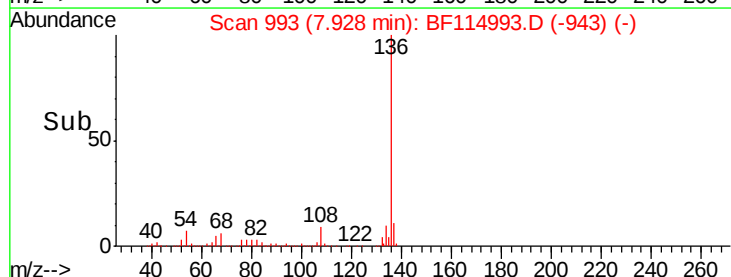
Ion 137.00 (136.70 to 137.70): E

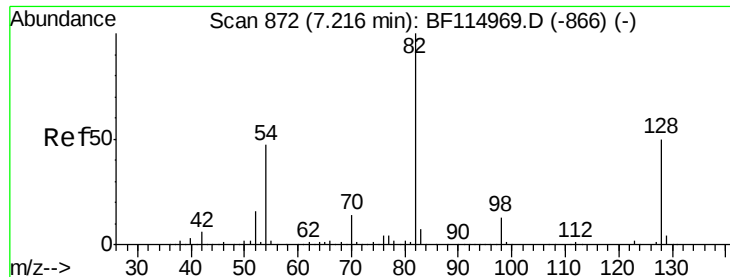
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->





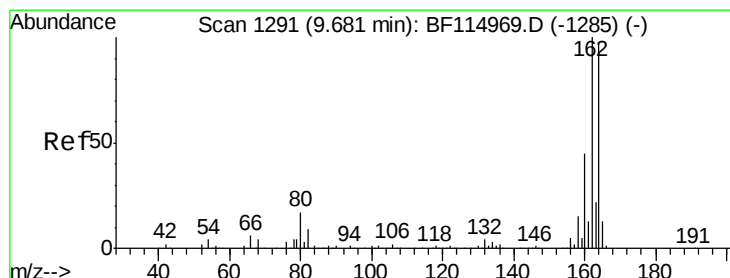
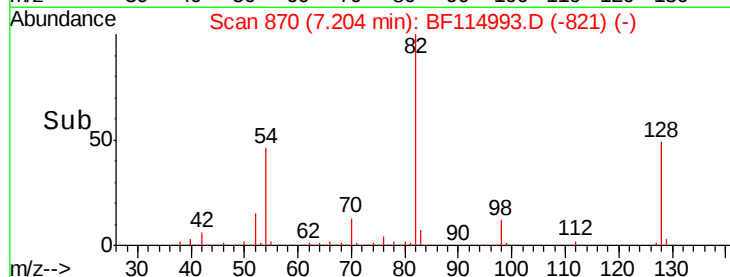
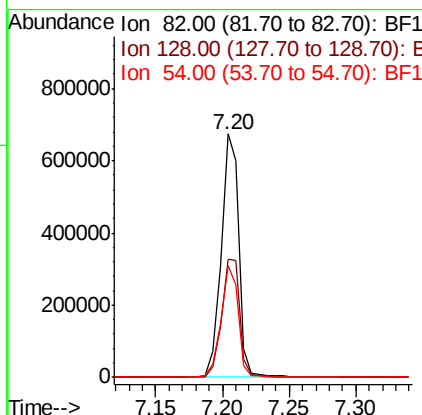
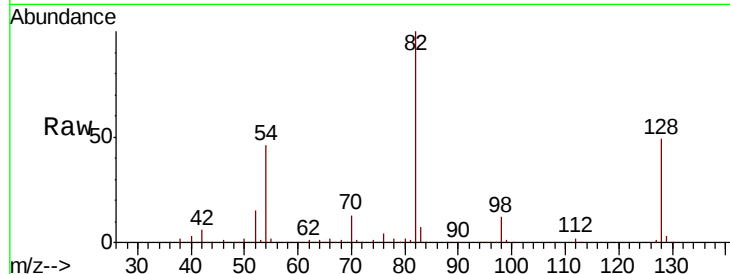
#23
Nitrobenzene-d5
Concen: 32.293 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Instrument :
BNA_F
ClientSampleId :
OR-03-061119-B

Tot Ion	82	Resp	631652
Ion Ratio	100	Lower	Upper
82	100		
128	48.6	39.9	59.9
54	45.8	37.3	55.9

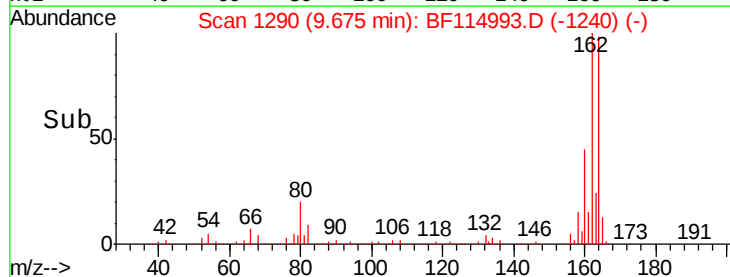
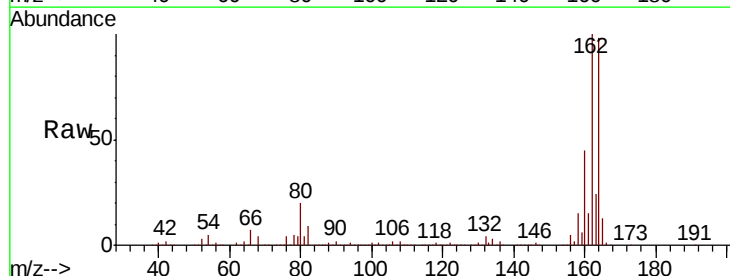
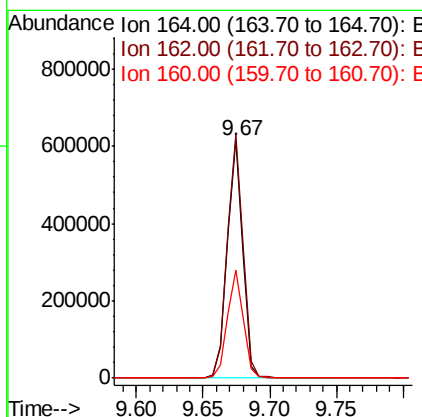
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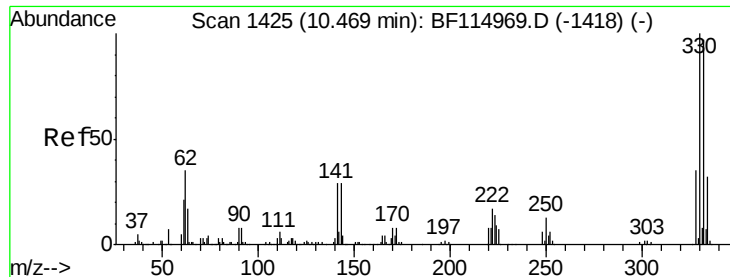
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Tgt Ion	164	Resp	507939
Ion Ratio	100	Lower	Upper
164	100		
162	102.1	82.6	124.0
160	45.5	36.9	55.3





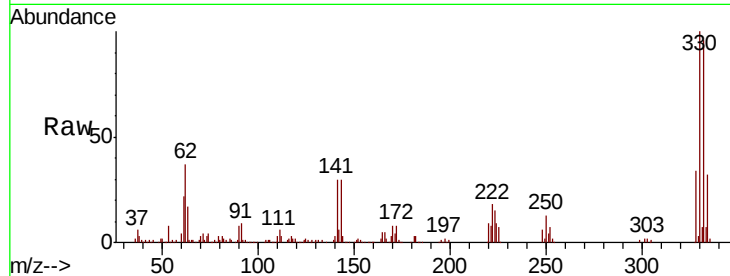
#42
 2,4,6-Tribromophenol
 Concen: 38.848 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF114993.D
 Acq: 13 Jun 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-061119-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	211305		
332	97.2		77.6	116.4
141	35.2		27.2	40.8

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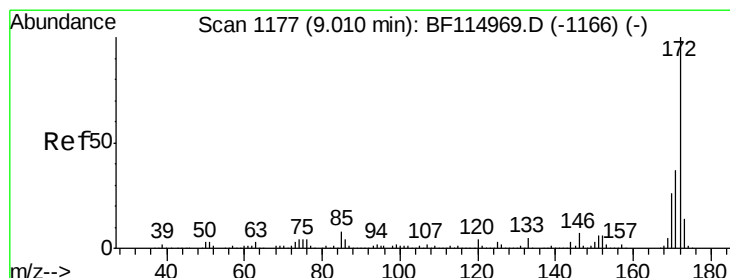
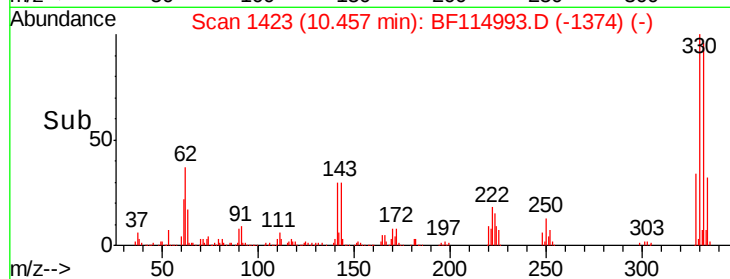
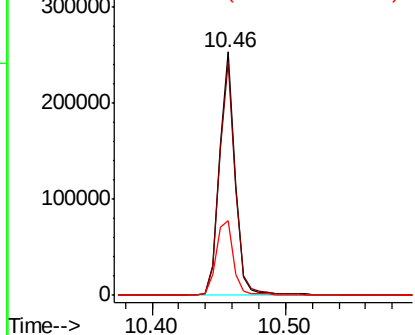


Abundance

Ion 329.80 (329.50 to 330.50): E

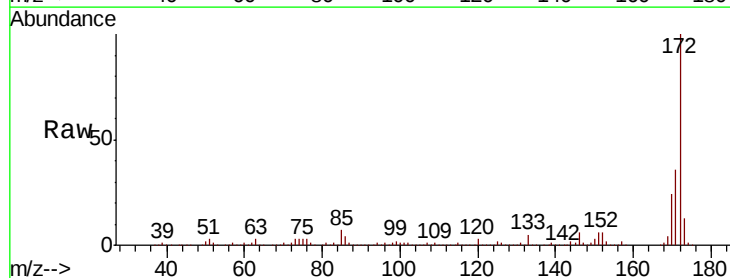
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 37.113 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF114993.D
 Acq: 13 Jun 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1112258		
171	35.8		29.8	44.6
170	24.2		20.6	31.0

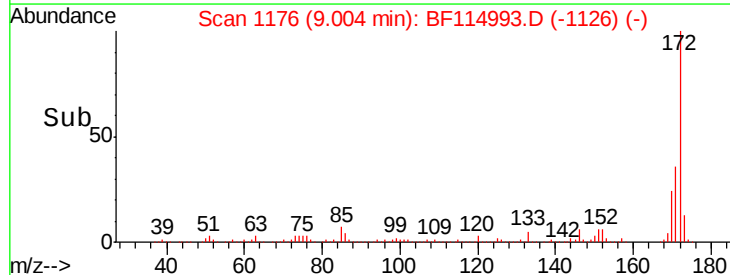
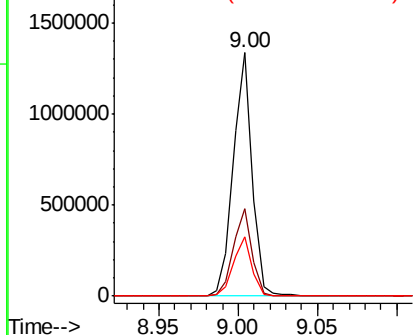


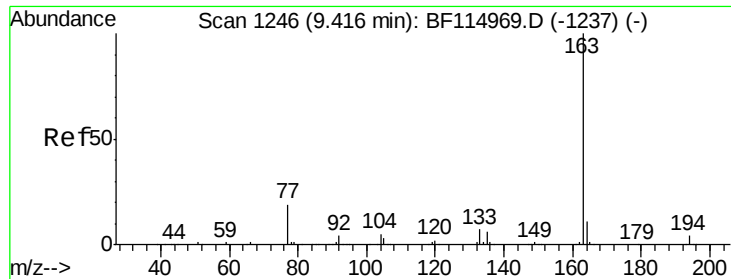
Abundance

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





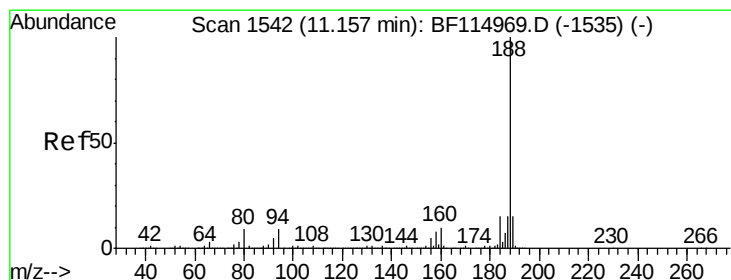
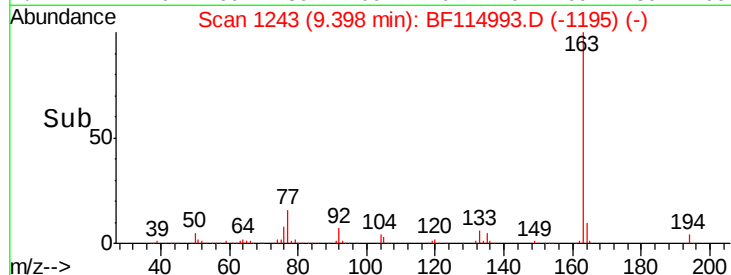
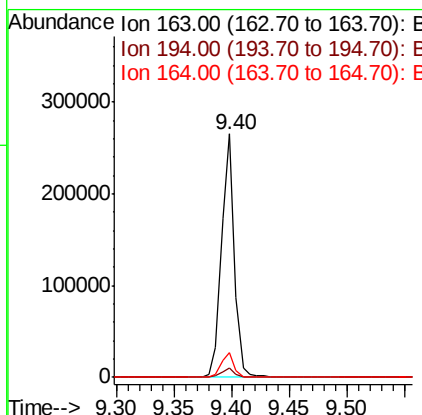
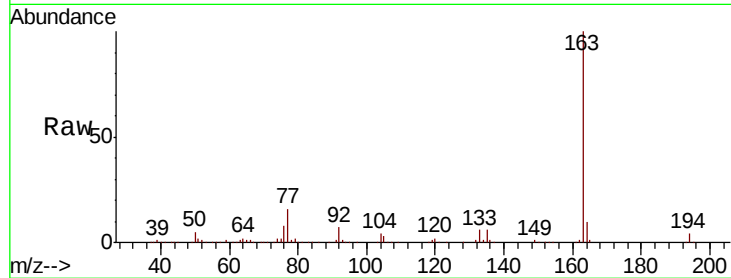
#50
Dimethylphthalate
Concen: 5.414 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Instrument :
BNA_F
ClientSampleId :
OR-03-061119-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	206825		
194	3.9		3.3	4.9
164	10.0		8.6	12.8

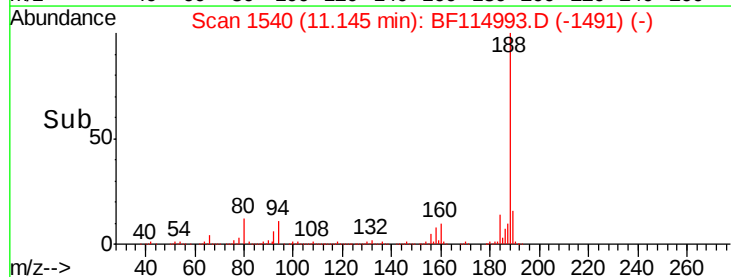
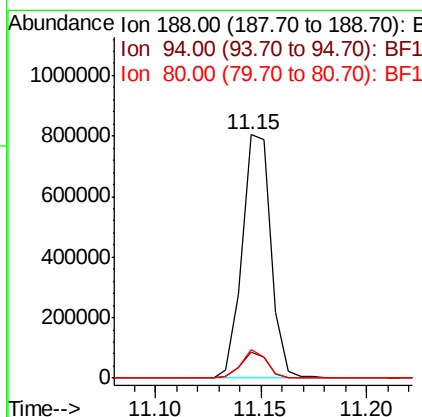
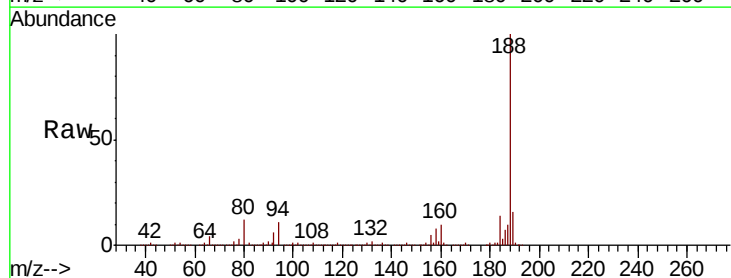
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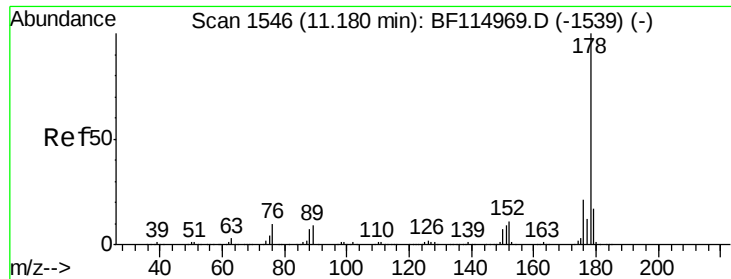
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	760652		
94	10.6		7.2	10.8
80	11.6		7.4	11.2#





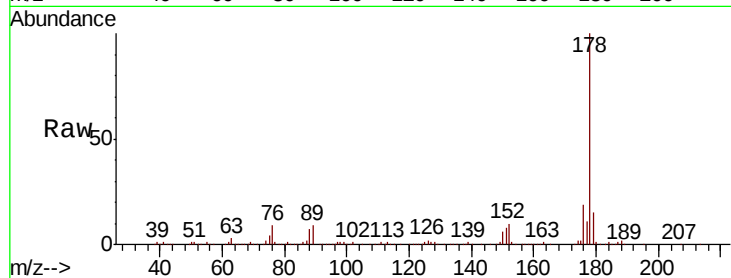
#71
Phenanthrene
Concen: 5.844 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Instrument :
BNA_F
ClientSampleId :
OR-03-061119-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.9	25.3
179	15.3	13.4	20.0

Manual Integrations
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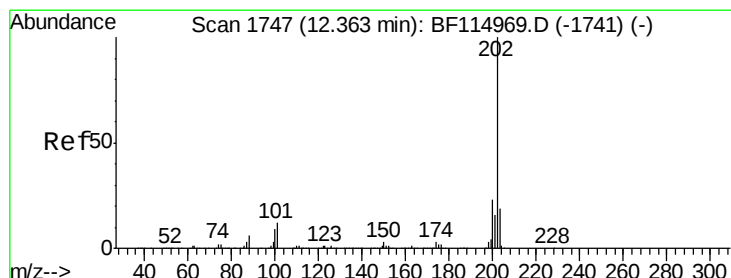
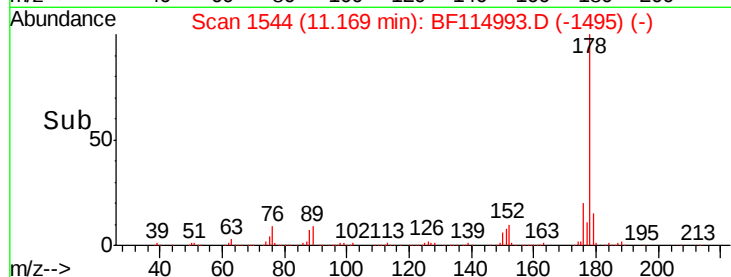
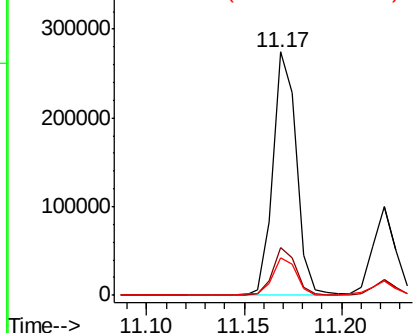


Abundance

Ion 178.00 (177.70 to 178.70): E

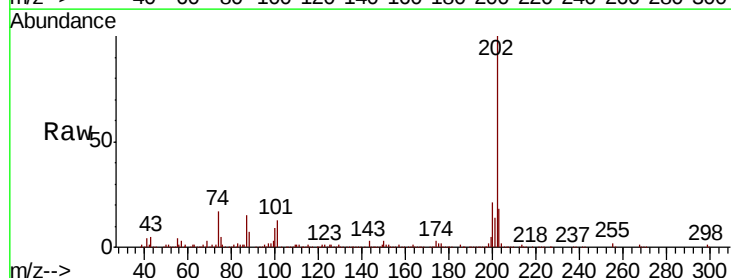
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 8.993 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.4
203	17.5	0.0	38.6

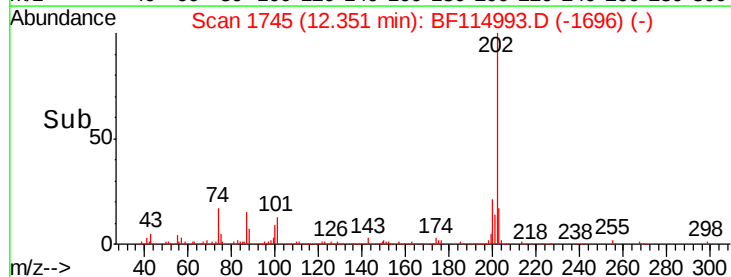
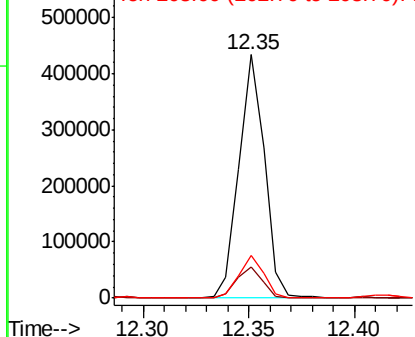


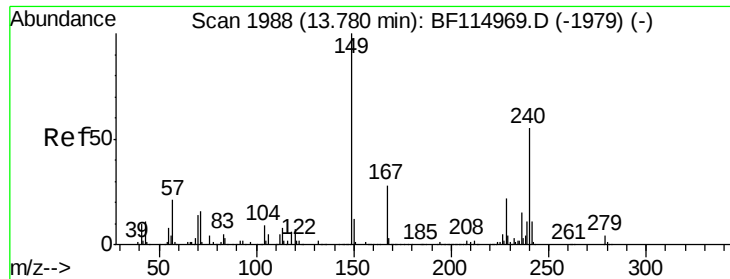
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





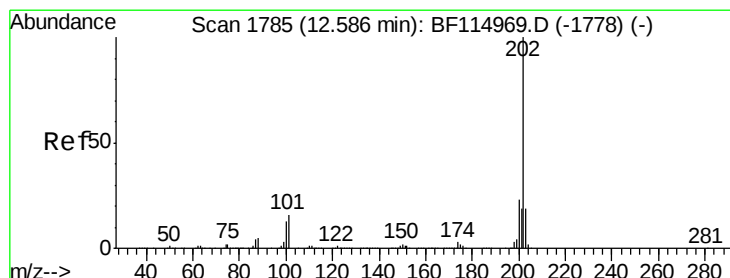
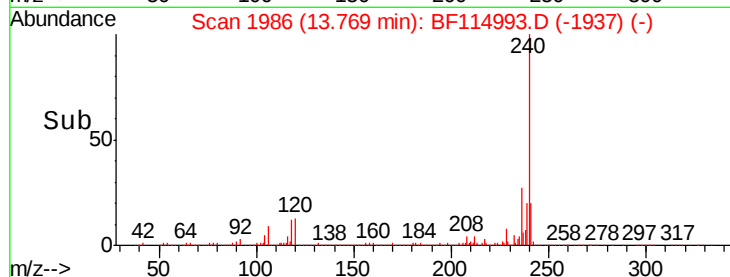
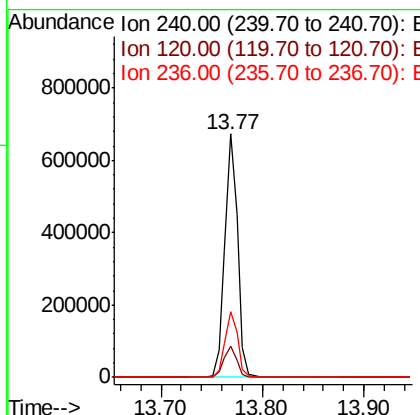
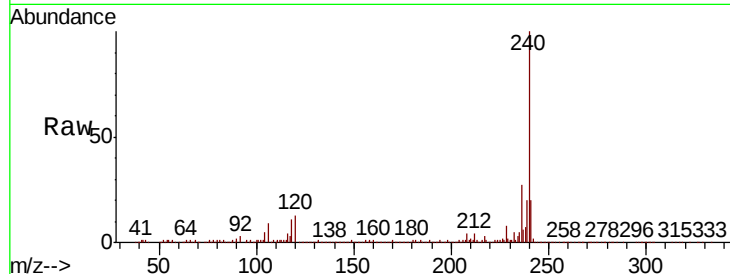
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Instrument :
BNA_F
ClientSampleId :
OR-03-061119-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.0	15.0
236	27.0	21.6	32.4

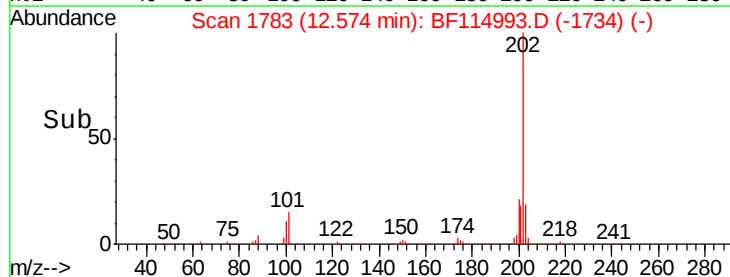
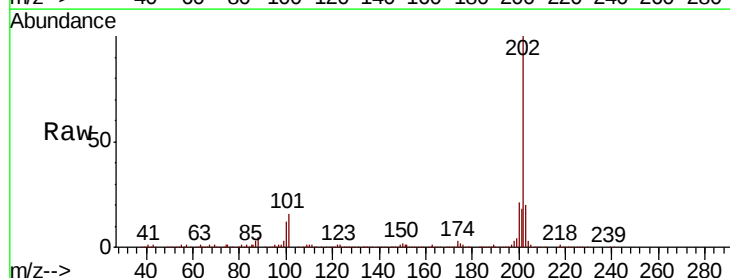
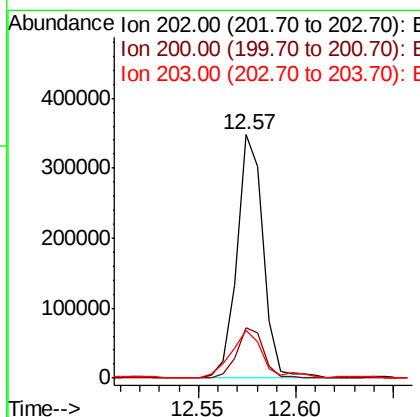
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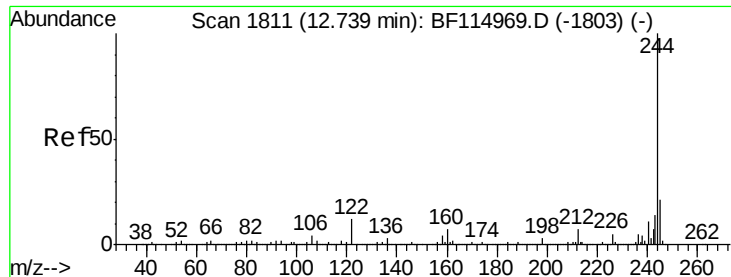
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#78
Pyrene
Concen: 6.028 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.4	27.6
203	19.6	14.9	22.3





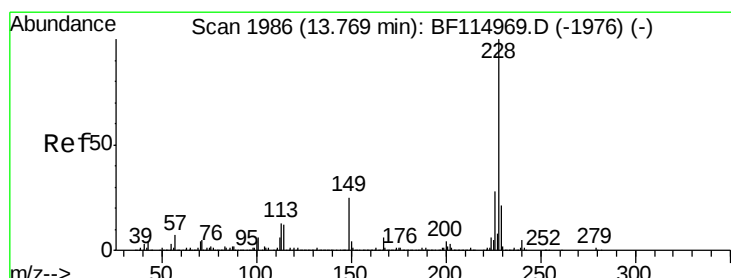
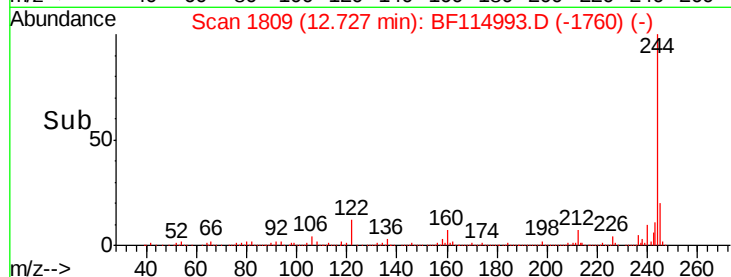
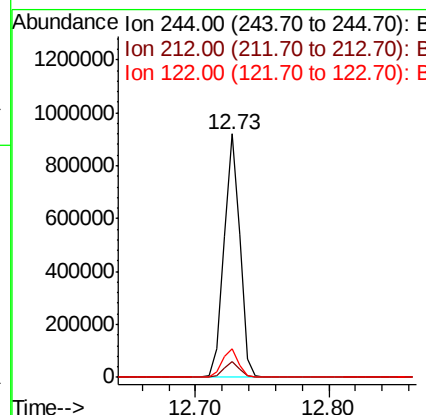
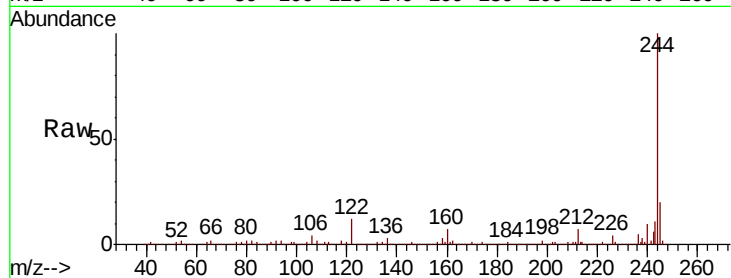
#79
 Terphenyl-d14
 Concen: 24.894 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF114993.D
 Acq: 13 Jun 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-061119-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.7	9.4	14.0

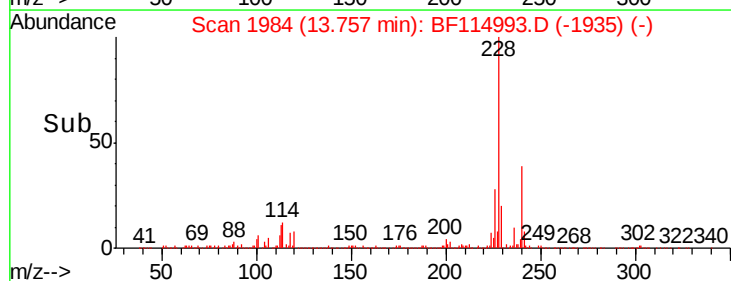
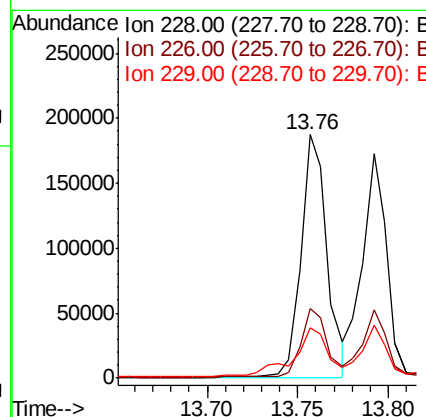
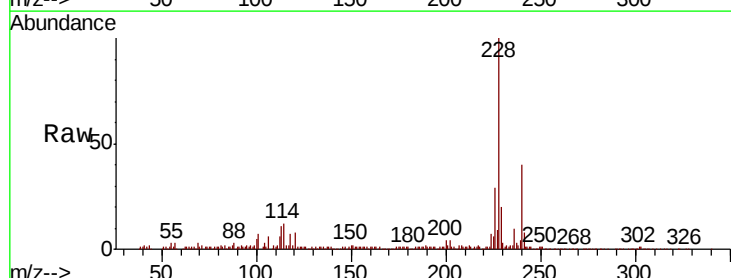
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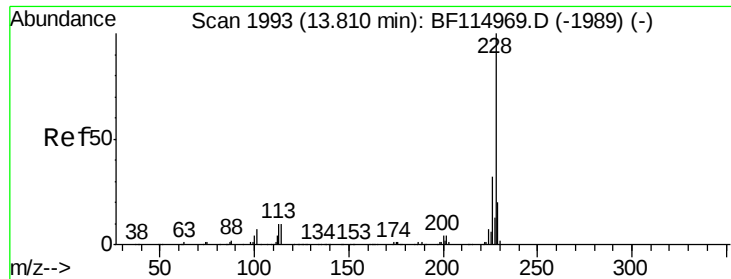
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#81
 Benzo(a)anthracene
 Concen: 4.324 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BF114993.D
 Acq: 13 Jun 2019 10:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.0	33.0
229	20.4	16.6	25.0





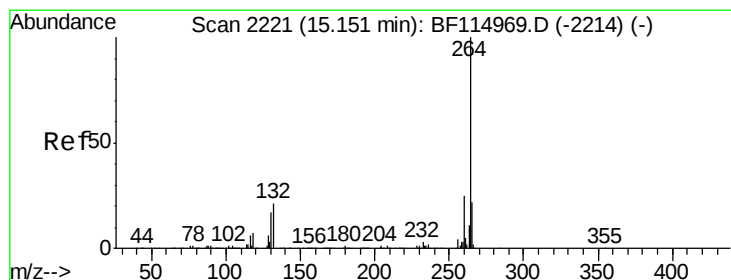
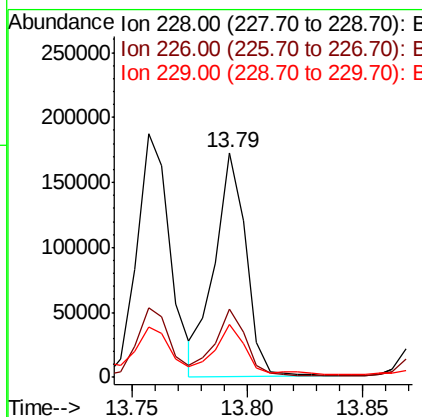
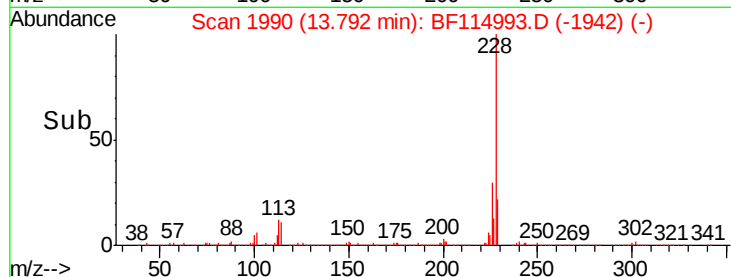
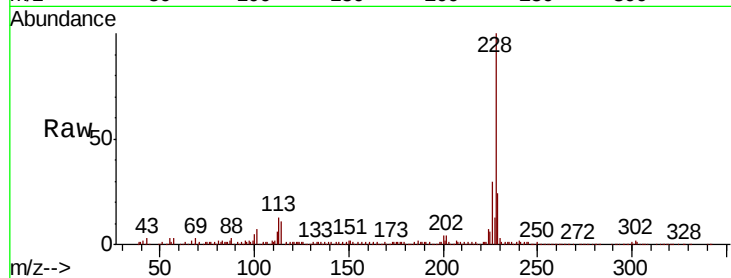
#83
Chrysene
Concen: 3.732 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Instrument :
BNA_F
ClientSampleId :
OR-03-061119-B

Tot Ion:	228	Resp:	162797
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.4	38.0
229	23.5	16.4	24.6

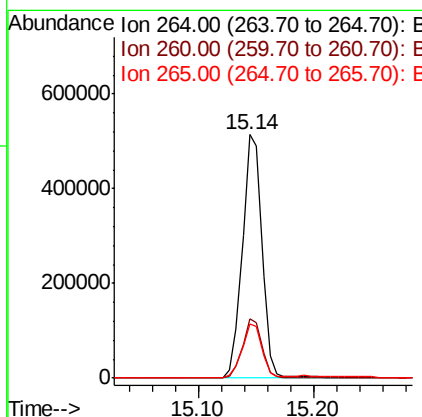
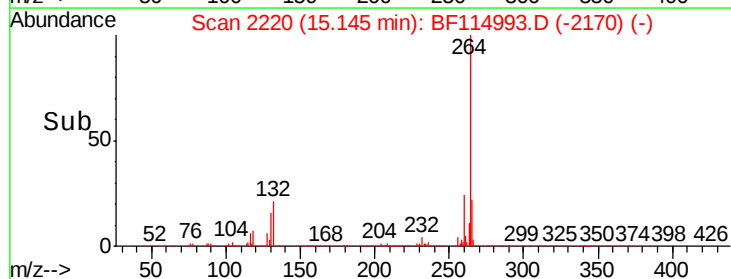
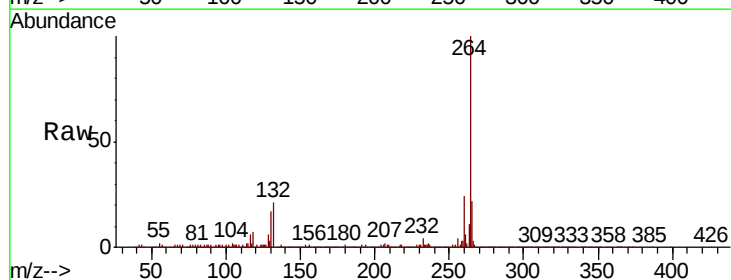
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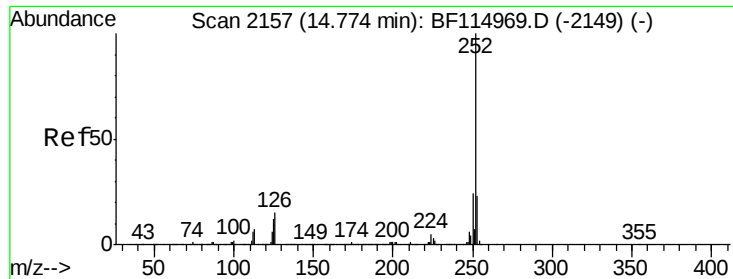
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Tgt Ion:	264	Resp:	604879
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.9	29.9
265	22.4	17.6	26.4





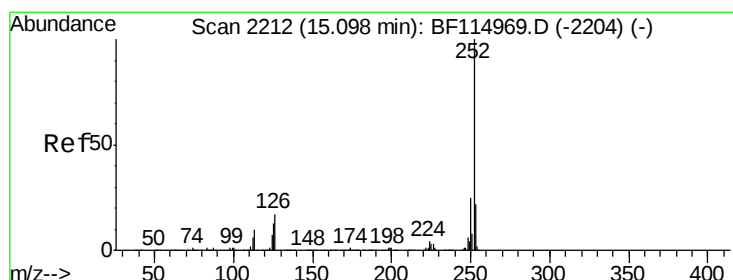
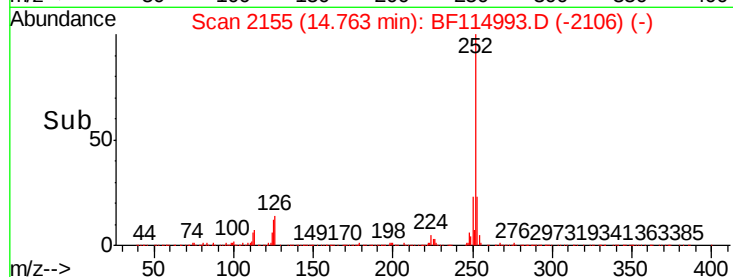
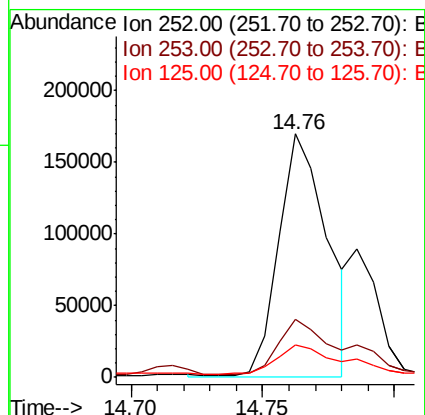
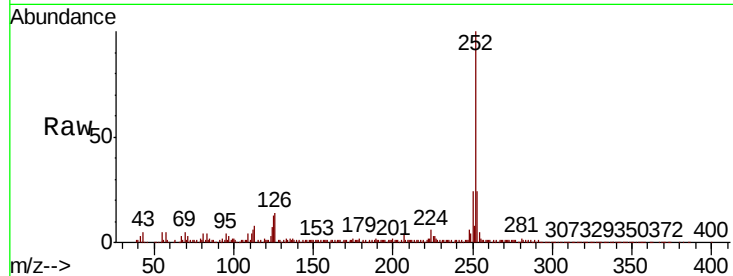
#88
Benzo(b)fluoranthene
Concen: 5.501 ng m
RT: 14.76 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Instrument :
BNA_F
ClientSampleId :
OR-03-061119-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	13.4	9.4	14.0

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 4.139 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF114993.D
Acq: 13 Jun 2019 10:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	15.9	10.7	16.1

