

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114861.D
 Acq On : 6 Jun 2019 14:22
 Operator : HP/JU
 Sample : K3189-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-7A

Manual Integrations
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Quant Time: Jun 07 01:58:48 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	469019	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1807516	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	867134	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1505479	20.00	ng	0.00
76) Chrysene-d12	13.79	240	901033	20.00	ng	0.00
87) Perylene-d12	15.19	264	918401	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	3105472	115.70	ng	0.02
7) Phenol-d6	6.32	99	3846695	117.78	ng	0.01
23) Nitrobenzene-d5	7.23	82	2450000	83.44	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	928796	99.39	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3388305	73.20	ng	0.00
79) Terphenyl-d14	12.76	244	2900878	62.61	ng	0.00
Target Compounds						
32) Benzoic acid	7.67	122	74796m	4.101	ng	Qvalue
50) Dimethylphthalate	9.42	163	900183	14.214	ng	
75) Fluoranthene	12.37	202	323047	4.319	ng	95
78) Pyrene	12.60	202	274449	3.511	ng	96
81) Benzo(a)anthracene	13.78	228	162822	2.345	ng	97
83) Chrysene	13.82	228	143604	2.126	ng	97
88) Benzo(b)fluoranthene	14.80	252	178122m	3.047	ng	# 95
90) Benzo(a)pyrene	15.12	252	123867	2.448	ng	

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

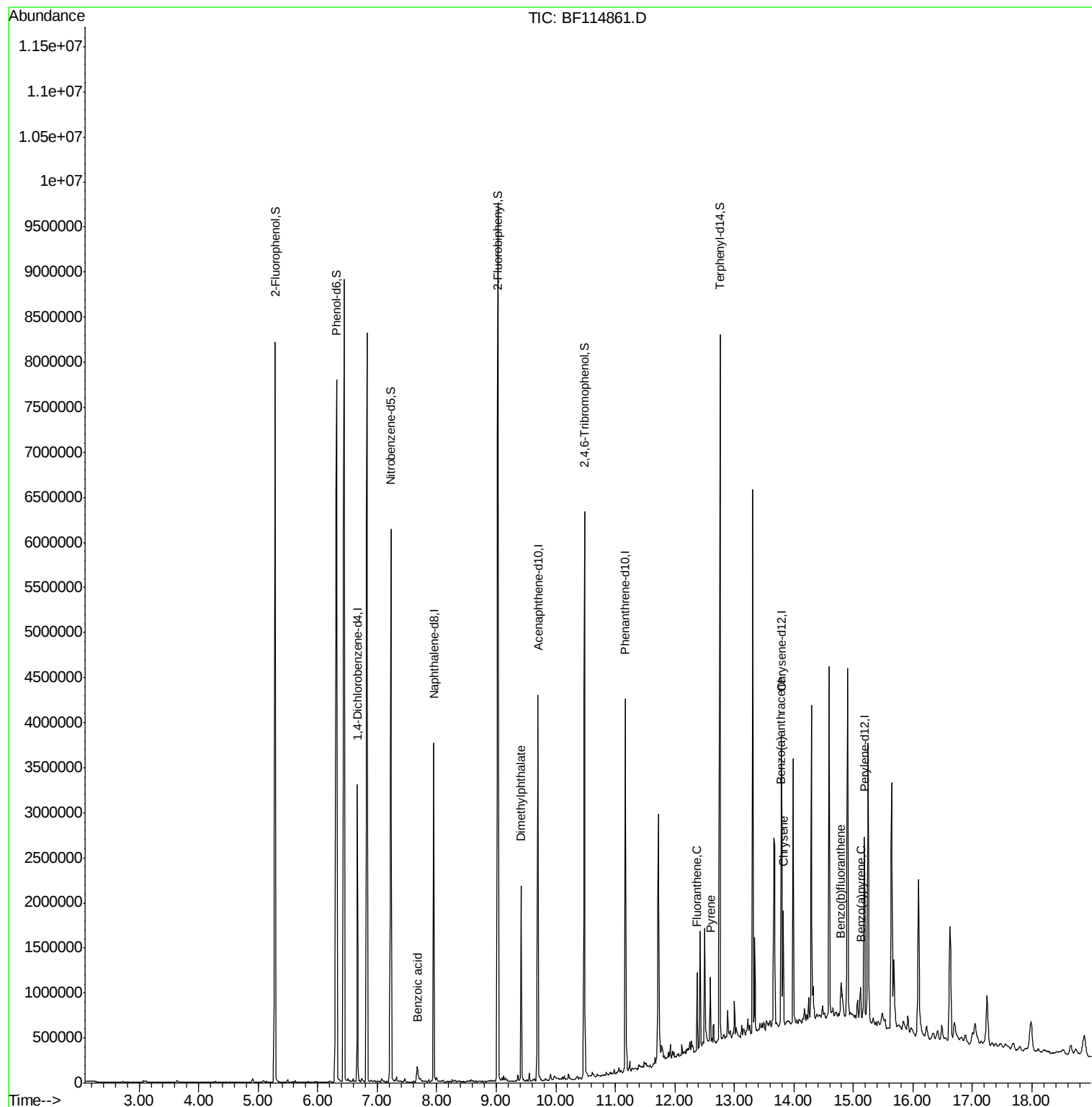
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114861.D
Acq On : 6 Jun 2019 14:22
Operator : HP/JU
Sample : K3189-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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#1

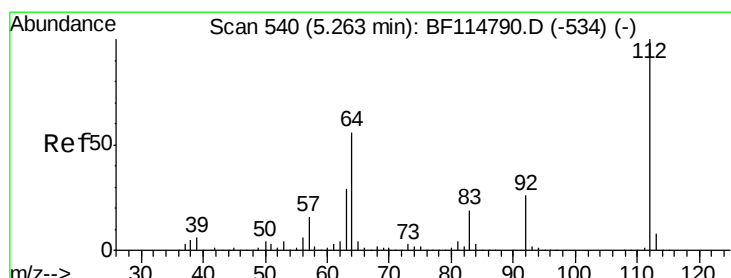
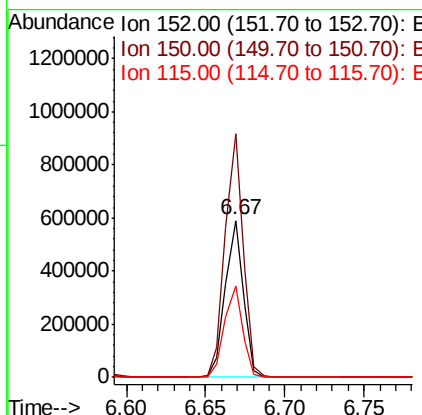
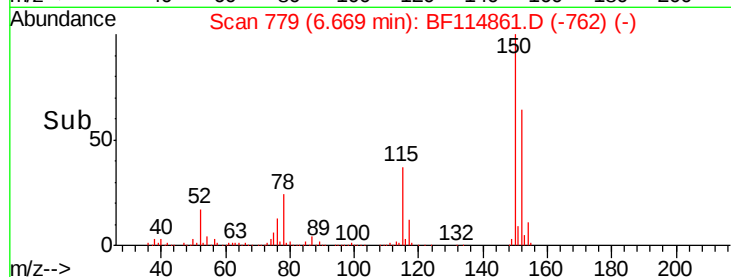
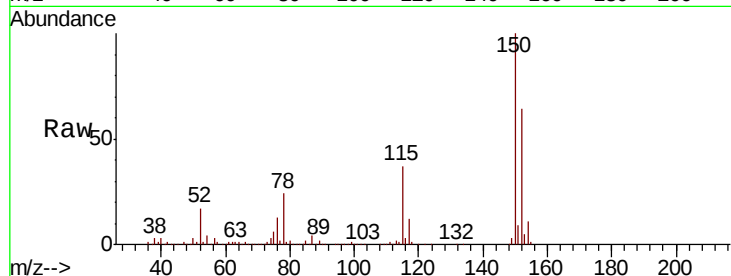
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Instrument :
BNA_F
ClientSampleId :
S-7A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.0	186.0
115	58.1	46.3	69.5

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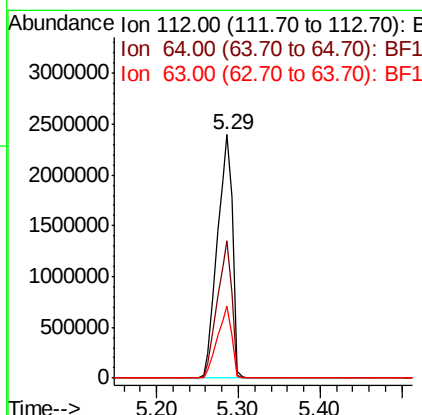
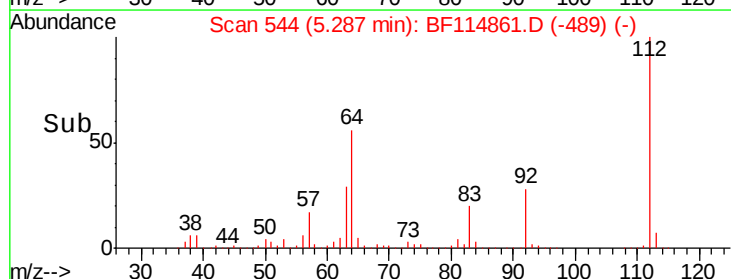
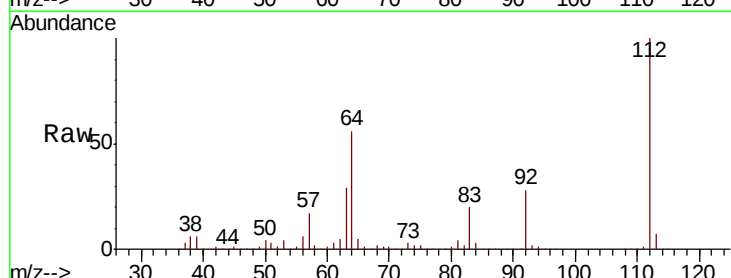
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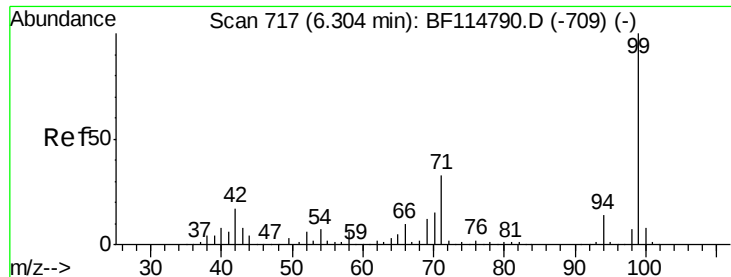


#5

2-Fluorophenol
Concen: 115.696 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.02 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.6	66.8
63	29.5	23.0	34.4





#7

Phenol-d6

Concen: 117.776 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114861.D

Acq: 6 Jun 2019 14:22

Instrument :

BNA_F

ClientSampled :

S-7A

Tot Ion: 99 Resp: 3846695

Ion Ratio Lower Upper

99 100

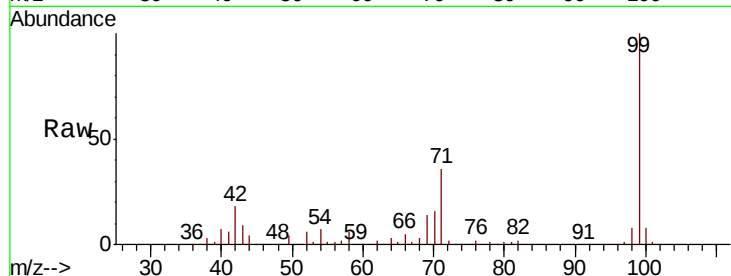
42 18.1 13.3 19.9

71 36.2 26.3 39.5

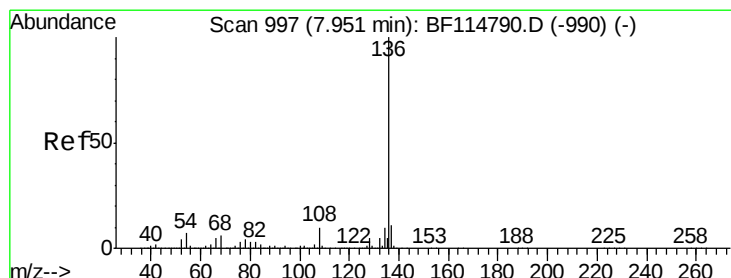
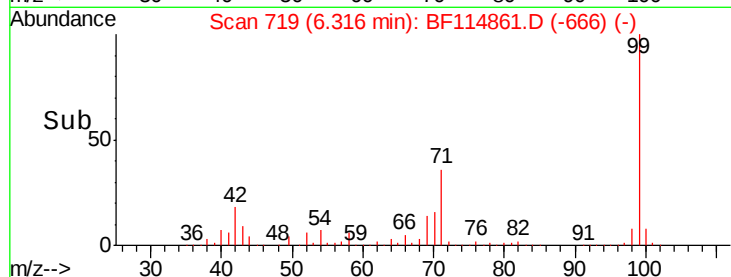
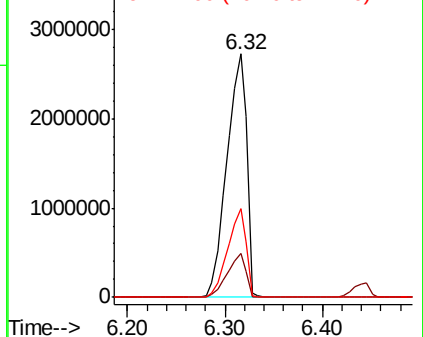
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF114861.D

Acq: 6 Jun 2019 14:22

Tgt Ion: 136 Resp: 1807516

Ion Ratio Lower Upper

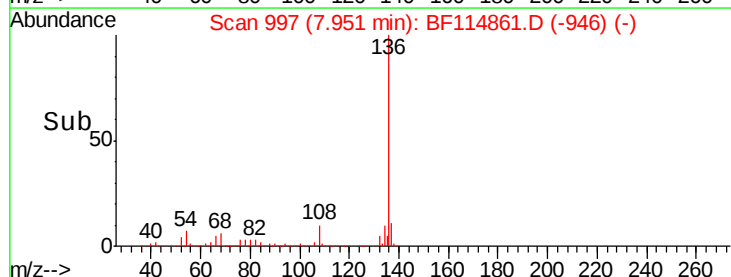
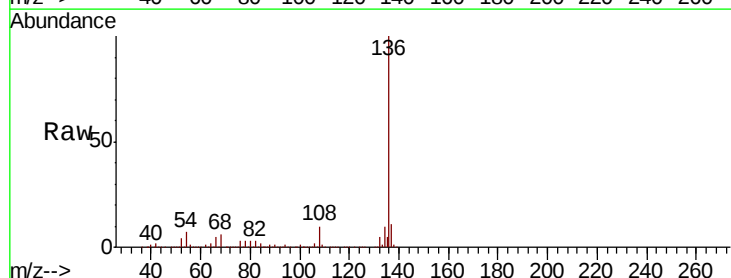
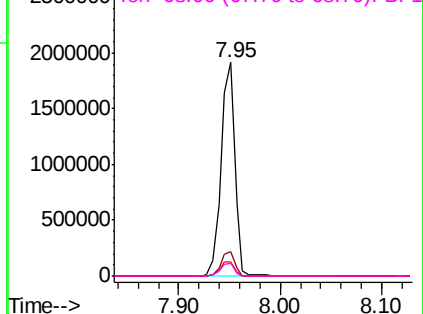
136 100

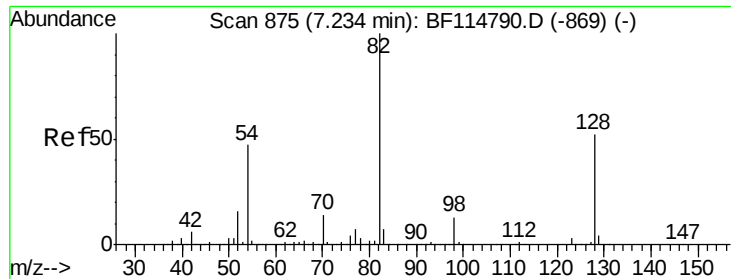
137 11.3 9.1 13.7

54 6.8 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





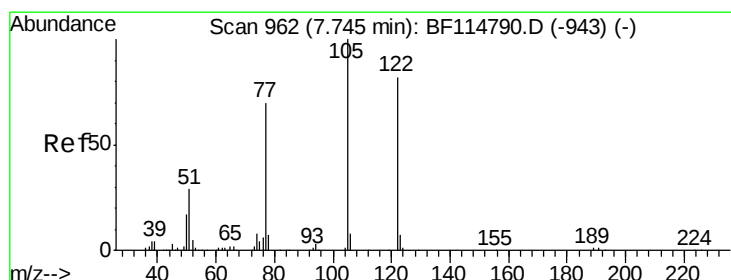
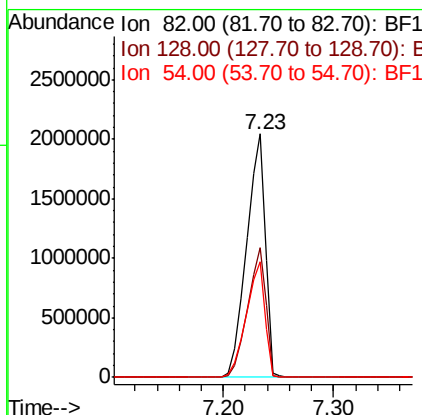
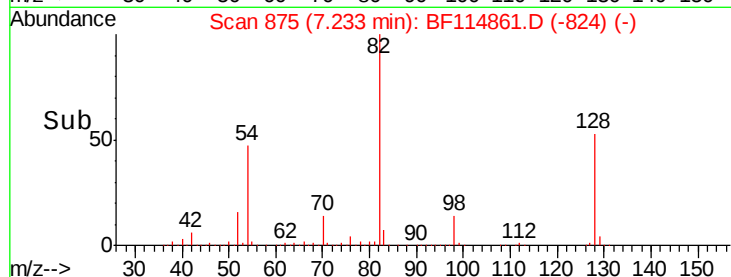
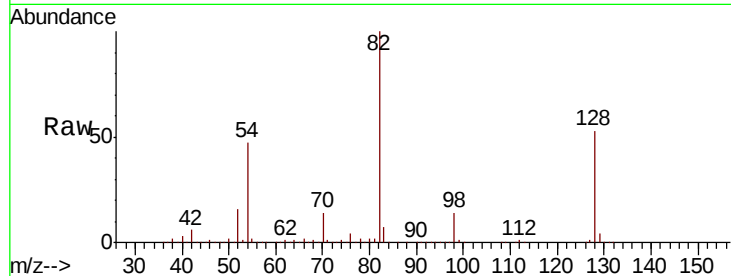
#23
 Nitrobenzene-d5
 Concen: 83.440 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF114861.D
 Acq: 6 Jun 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :
 S-7A

Tot Ion: 82 Resp: 2450000
 Ion Ratio Lower Upper
 82 100
 128 53.3 41.8 62.6
 54 47.4 37.9 56.9

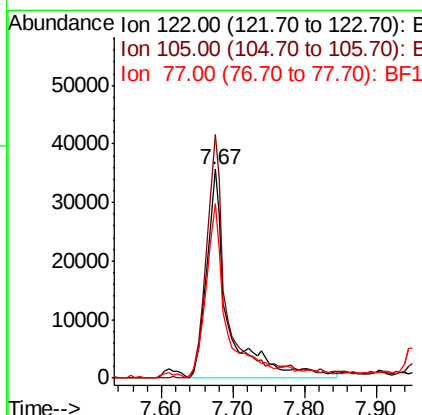
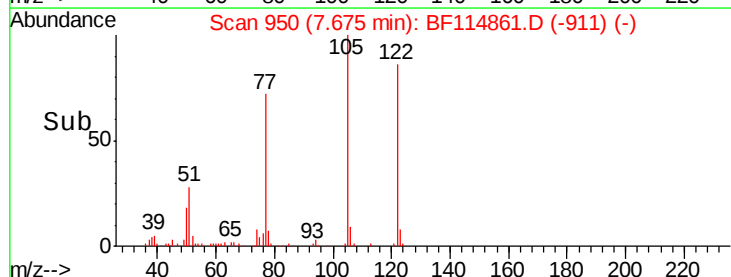
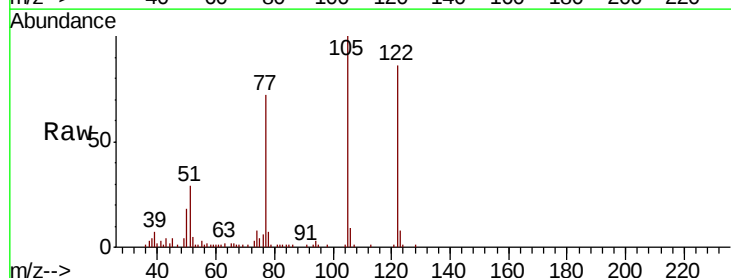
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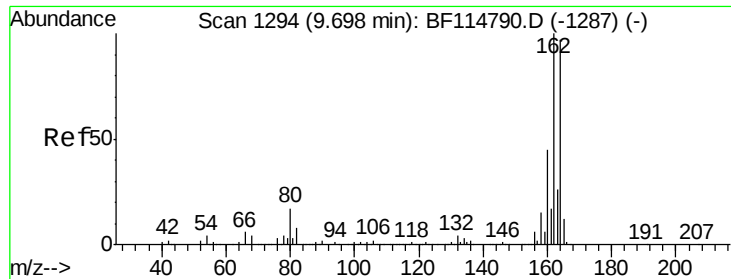
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#32
 Benzoic acid
 Concen: 4.101 ng m
 RT: 7.67 min Scan# 950
 Delta R.T. -0.07 min
 Lab File: BF114861.D
 Acq: 6 Jun 2019 14:22

Tgt Ion:122 Resp: 74796
 Ion Ratio Lower Upper
 122 100
 105 116.6 98.7 138.7
 77 83.7 64.8 104.8





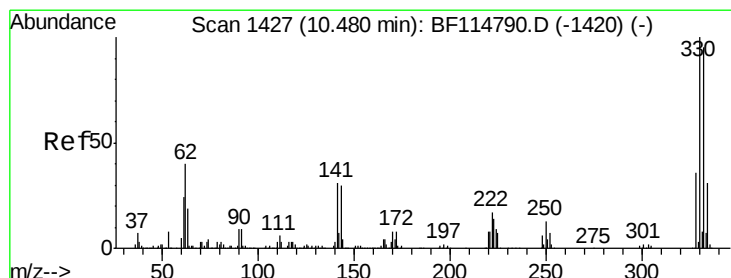
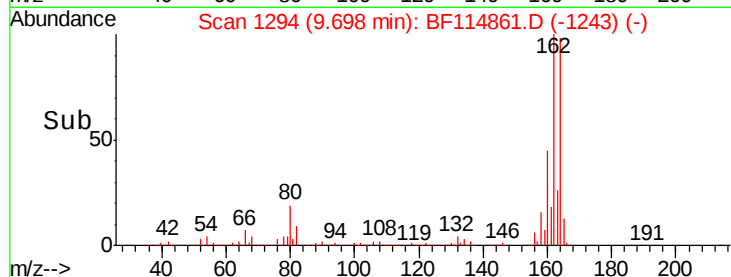
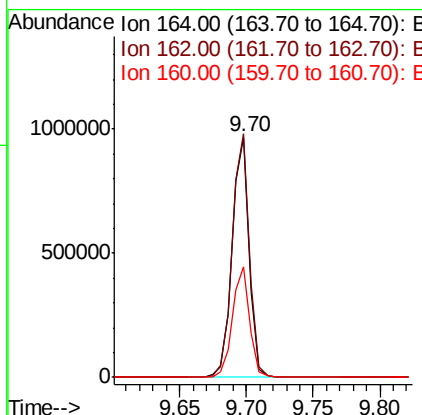
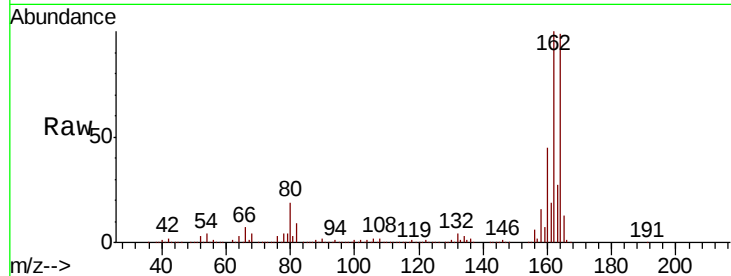
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Instrument :
BNA_F
ClientSampled :
S-7A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	82.3	123.5	
160	45.8	36.7	55.1	

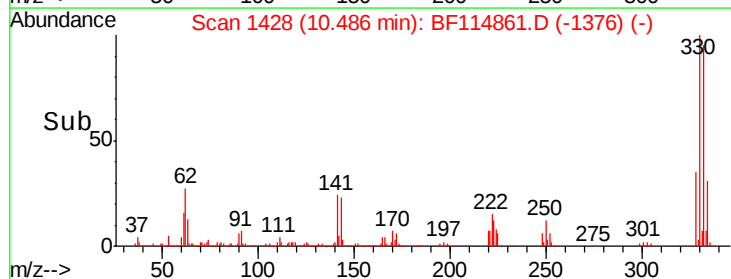
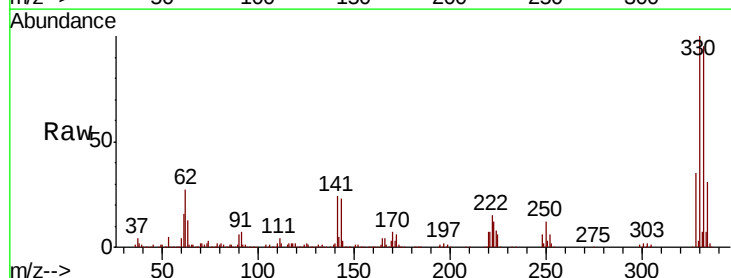
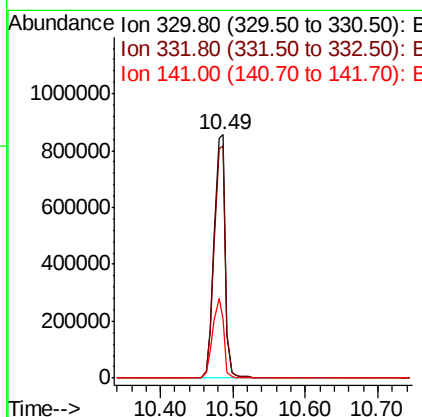
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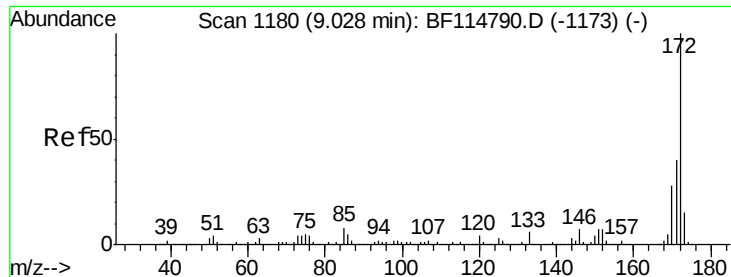
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#42
2,4,6-Tribromophenol
Concen: 99.392 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.3	115.9	
141	32.4	26.2	39.4	





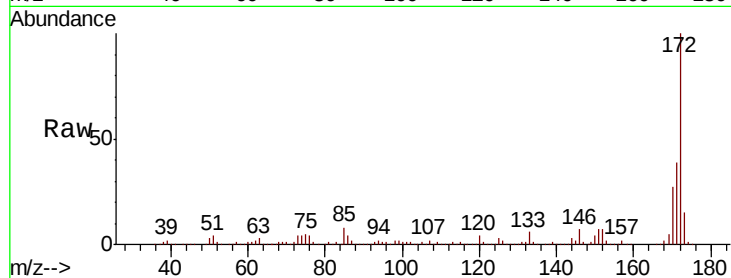
#45
2-Fluorobiphenyl
Concen: 73.198 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Instrument :
BNA_F
ClientSampleId :
S-7A

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.3	48.5
170	26.9	22.4	33.6

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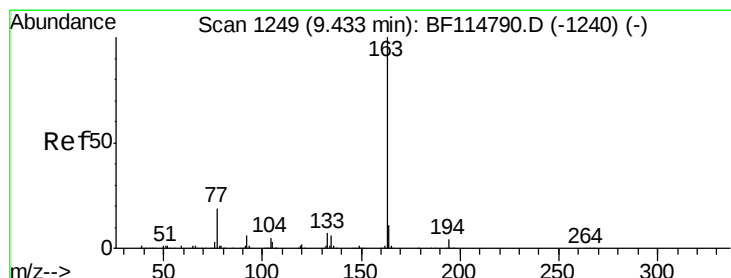
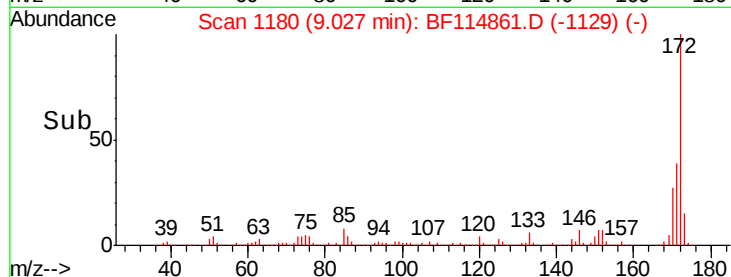
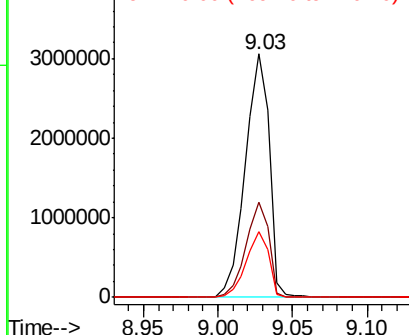


Abundance

Ion 172.00 (171.70 to 172.70): E

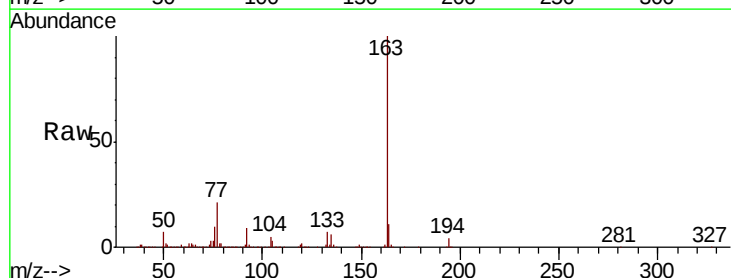
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 14.214 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.6	8.6	13.0

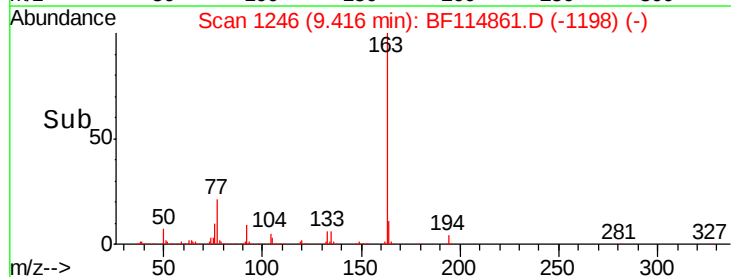
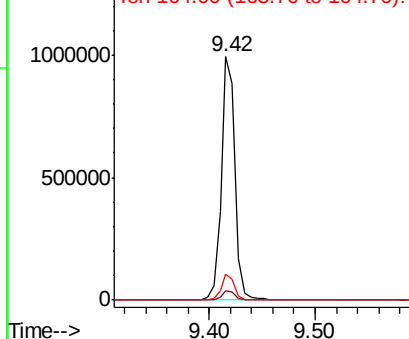


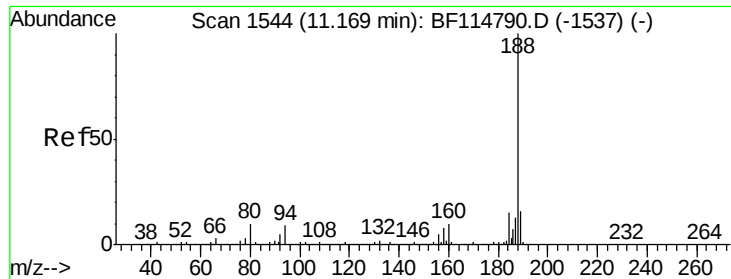
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





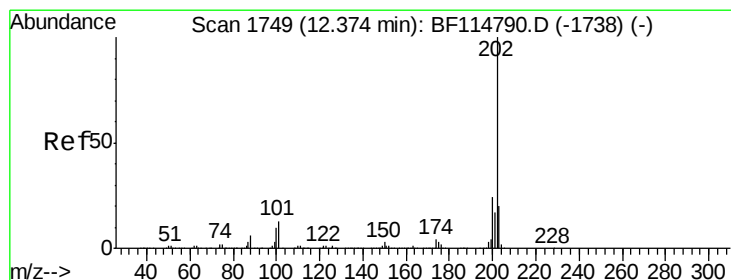
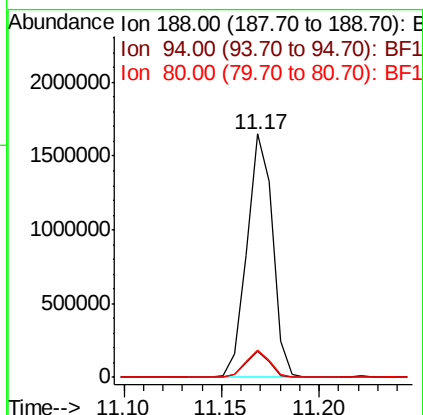
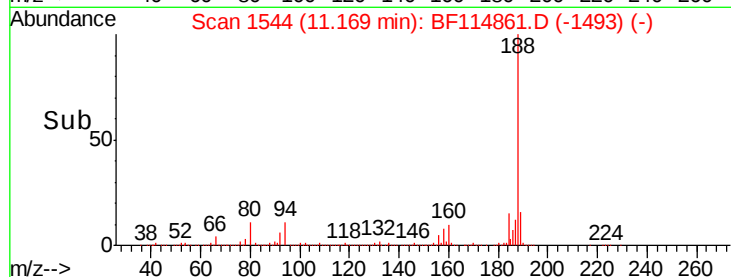
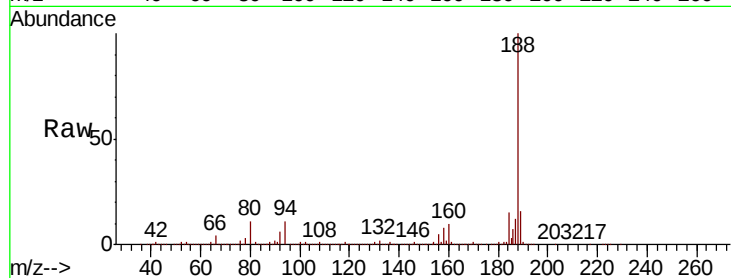
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Instrument :
BNA_F
ClientSampleId :
S-7A

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.6	11.4
80	11.5	8.3	12.5

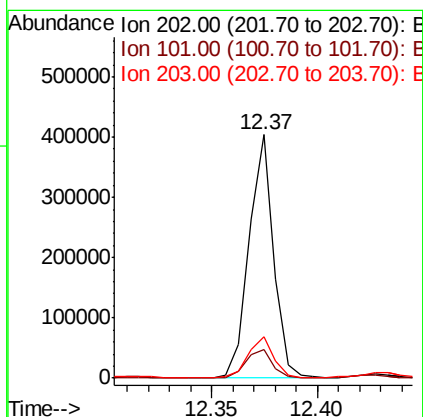
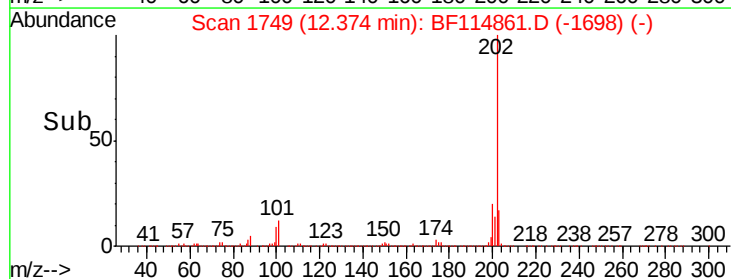
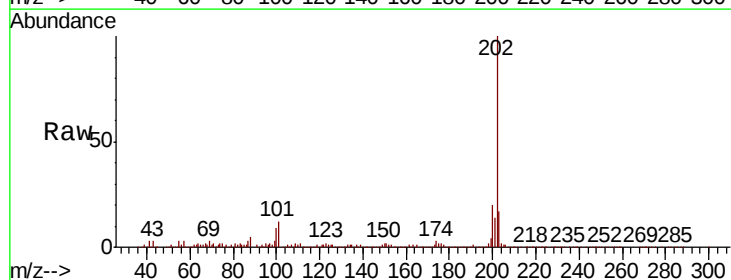
Manual Integrations
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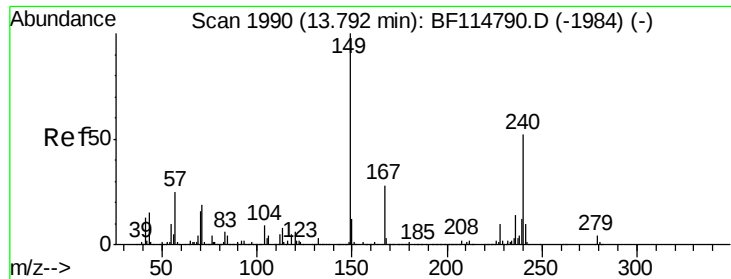
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#75
Fluoranthene
Concen: 4.319 ng
RT: 12.37 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.8
203	16.9	0.2	40.2





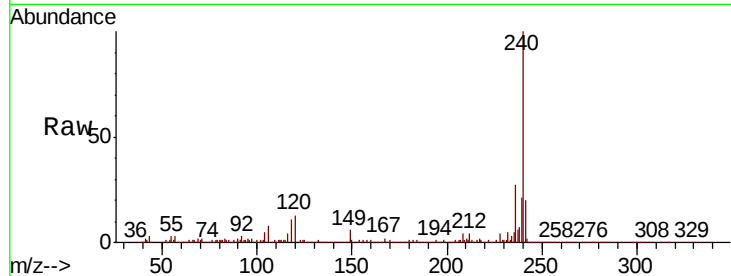
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Instrument :
BNA_F
ClientSampled :
S-7A

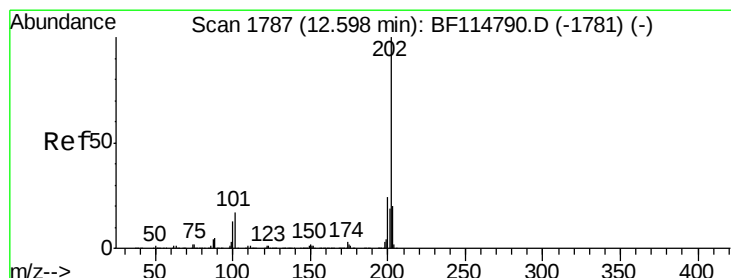
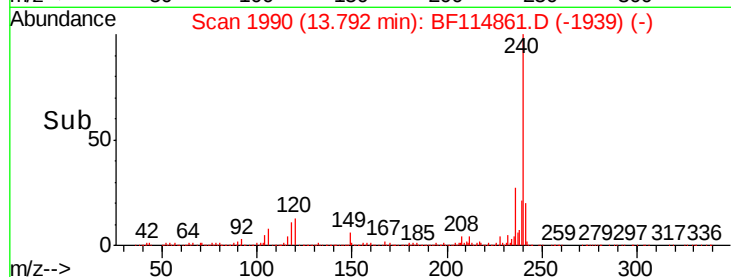
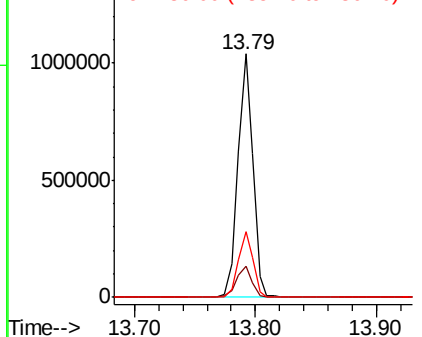
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.0	13.4
236	26.8	21.4	32.0

Manual Integrations
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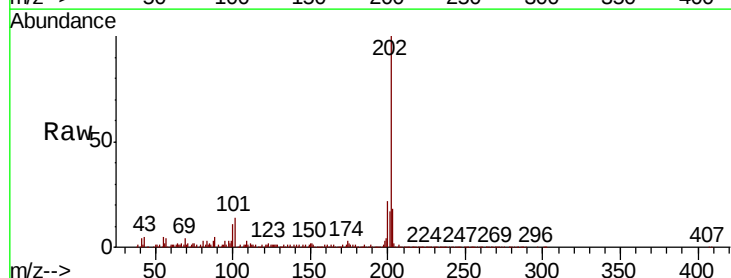


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

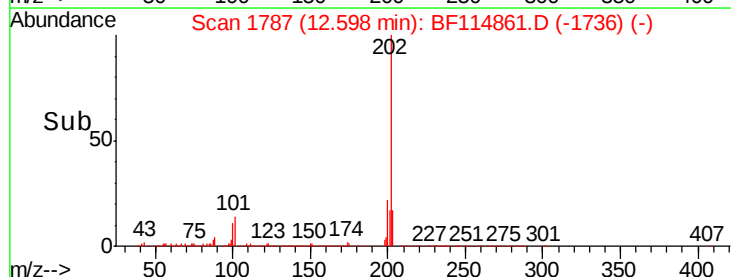
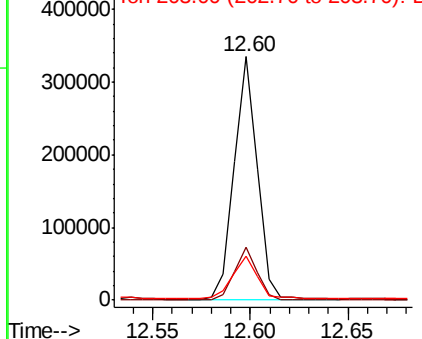


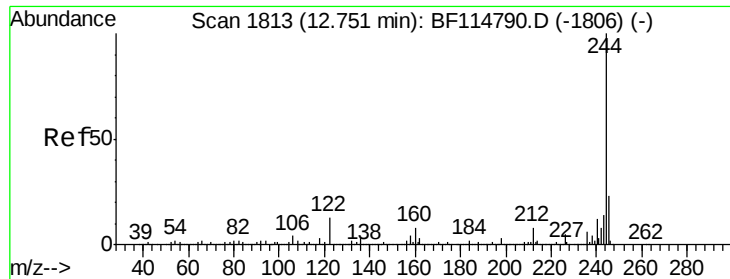
#78
Pyrene
Concen: 3.511 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	19.2	28.8
203	17.9	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





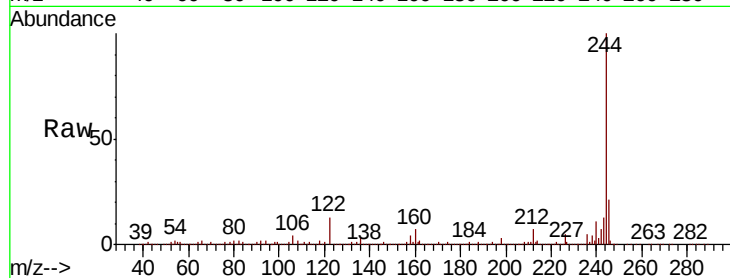
#79
 Terphenyl-d14
 Concen: 62.612 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114861.D
 Acq: 6 Jun 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :
 S-7A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	12.5	10.5	15.7

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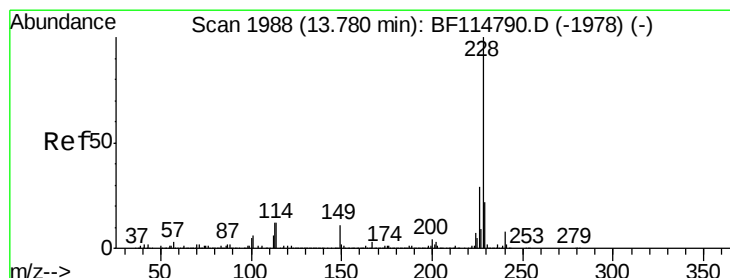
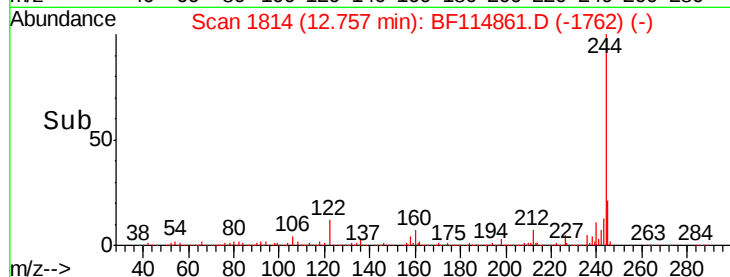
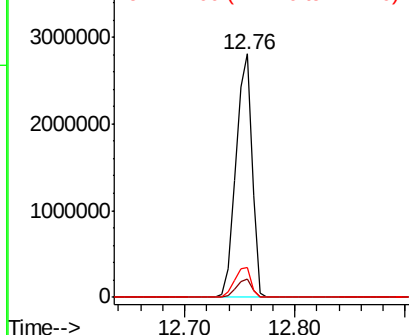


Abundance

Ion 244.00 (243.70 to 244.70): E

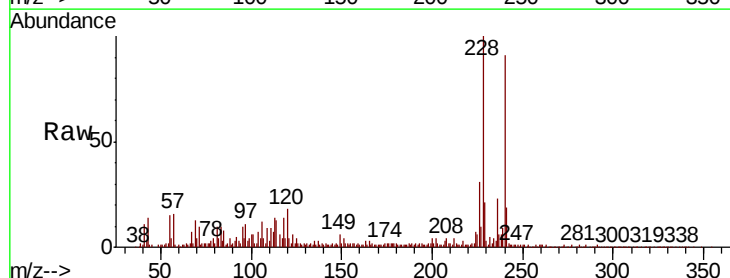
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81
 Benzo(a)anthracene
 Concen: 2.345 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BF114861.D
 Acq: 6 Jun 2019 14:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	20.8	17.4	26.0

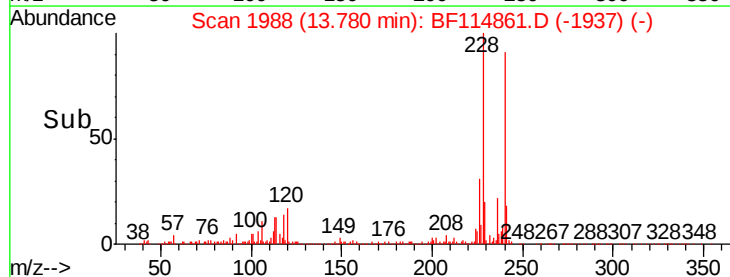
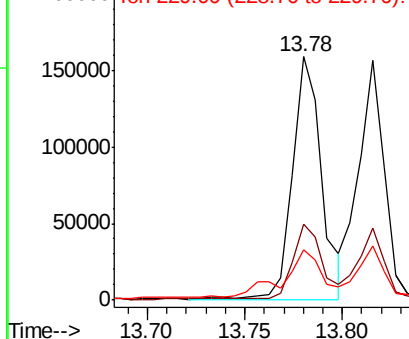


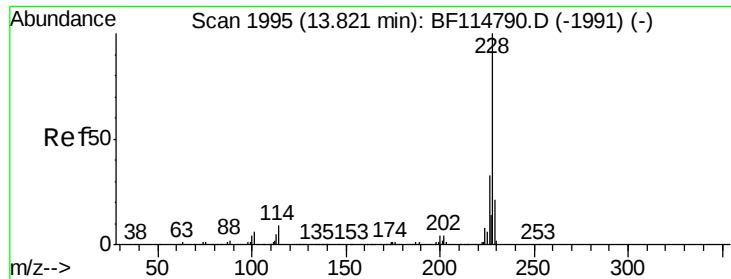
Abundance

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





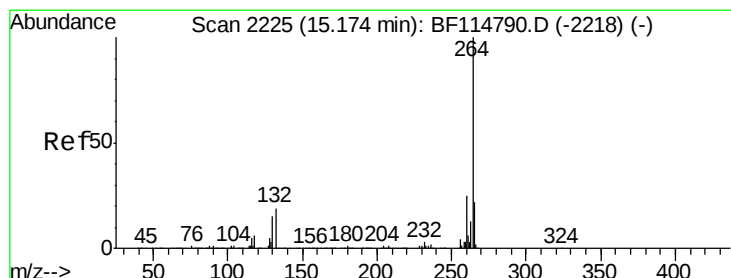
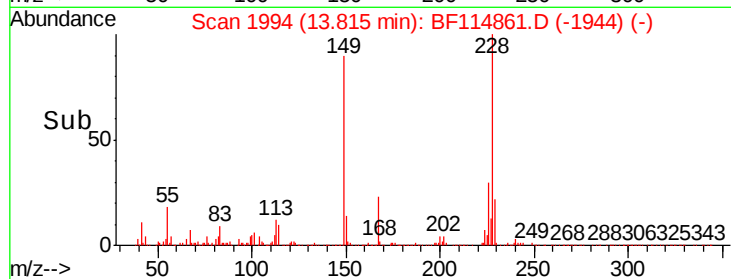
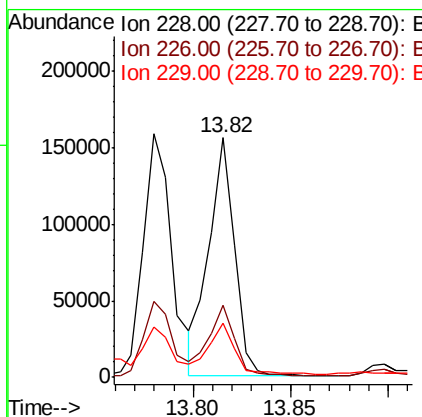
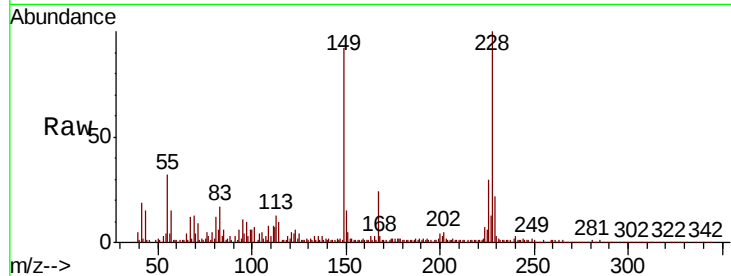
#83
Chrysene
Concen: 2.126 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Instrument :
BNA_F
ClientSampleId :
S-7A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	26.0	39.0
229	22.5	17.1	25.7

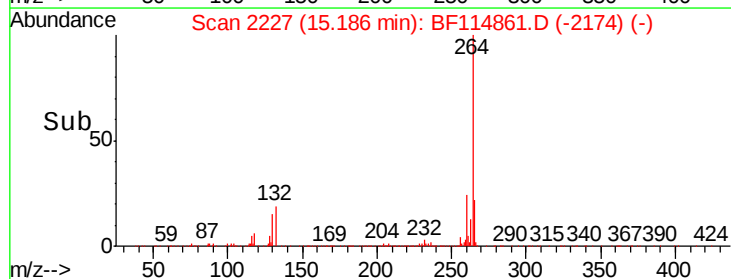
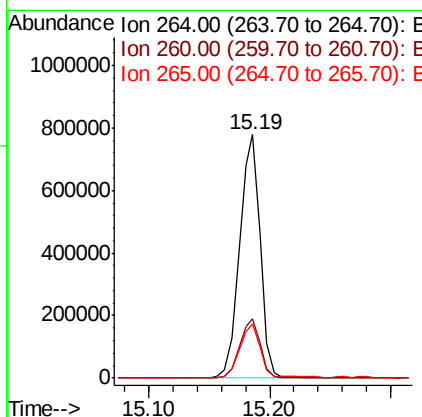
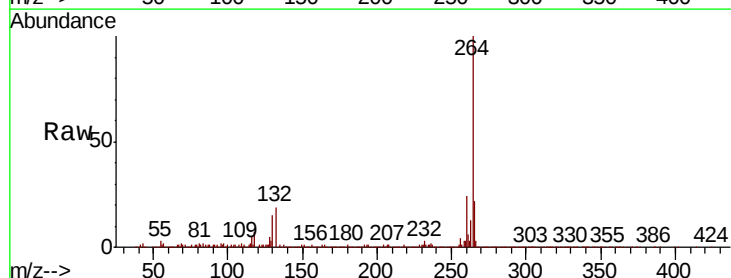
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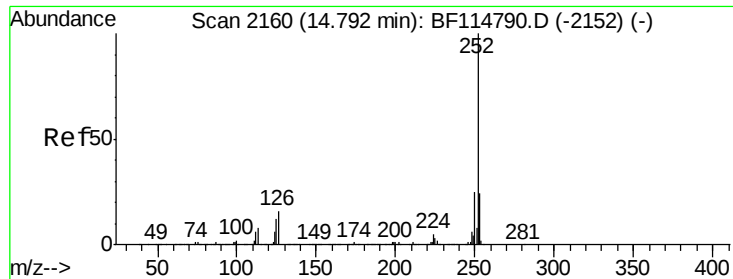
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	22.3	17.7	26.5





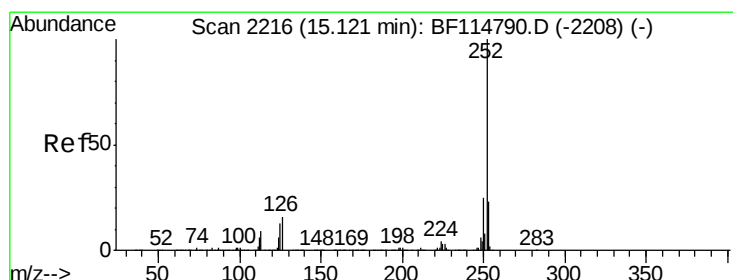
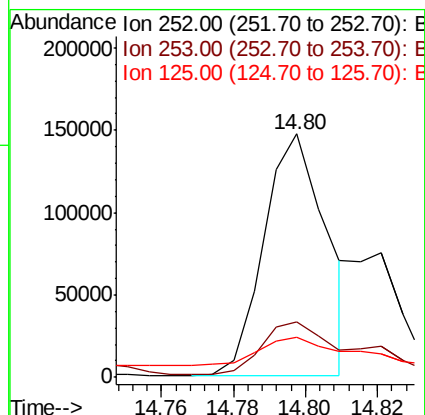
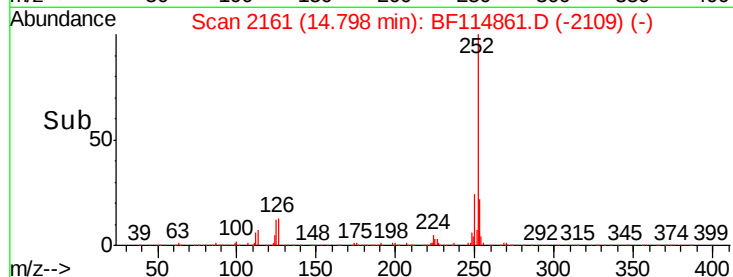
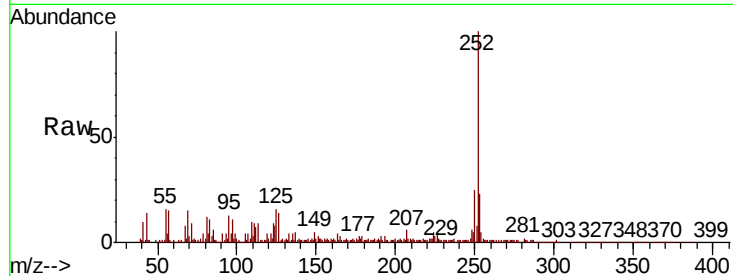
#88
Benzo(b)fluoranthene
Concen: 3.047 ng m
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Instrument :
BNA_F
ClientSampleId :
S-7A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.6
125	16.4	9.4	14.0

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.448 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF114861.D
Acq: 6 Jun 2019 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	17.2	10.1	15.1

