

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118450.D
 Acq On : 2 Jan 2020 22:06
 Operator : JU
 Sample : K6465-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Manual Integrations
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Quant Time: Jan 09 13:03:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	83501	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	357241	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	183112	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	310538	20.00	ng	0.00
76) Chrysene-d12	14.04	240	207809	20.00	ng	0.00
87) Perylene-d12	15.53	264	193501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	515852	105.45	ng	0.00
7) Phenol-d6	6.49	99	651352	107.34	ng	0.00
23) Nitrobenzene-d5	7.41	82	393879	63.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	177101	78.32	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	858545	71.57	ng	-0.01
79) Terphenyl-d14	12.97	244	766794	61.22	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.61	163	53049	3.859	ng	98
71) Phenanthrene	11.41	178	45827	2.707	ng	99
75) Fluoranthene	12.61	202	95042	5.563	ng	99
78) Pyrene	12.84	202	85183	5.020	ng	99
81) Benzo(a)anthracene	14.03	228	48710	3.349	ng	98
83) Chrysene	14.07	228	45607	3.274	ng	96
88) Benzo(b)fluoranthene	15.10	252	65498m	5.099	ng	
90) Benzo(a)pyrene	15.47	252	40556	3.584	ng	# 92
92) Benzo(g,h,i)perylene	17.50	276	24630	2.597	ng	# 92

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

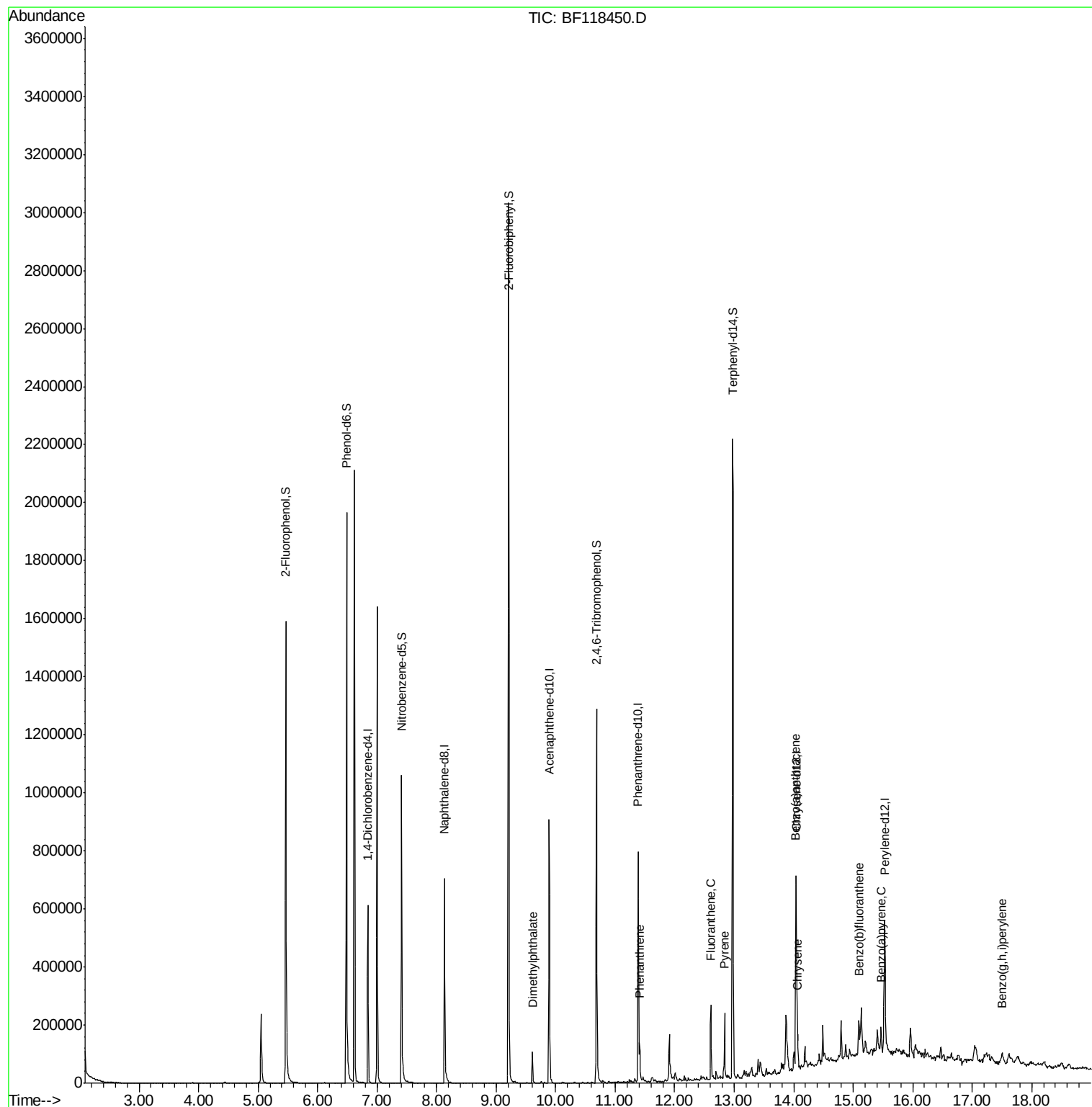
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118450.D
Acq On : 2 Jan 2020 22:06
Operator : JU
Sample : K6465-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

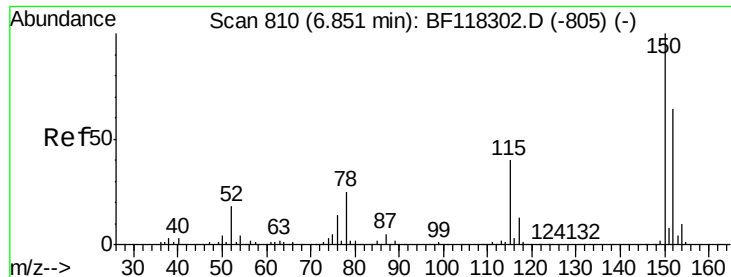
Instrument :
BNA_F
ClientSampled :
SS-8

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Quant Time: Jan 09 13:03:42 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration





#1

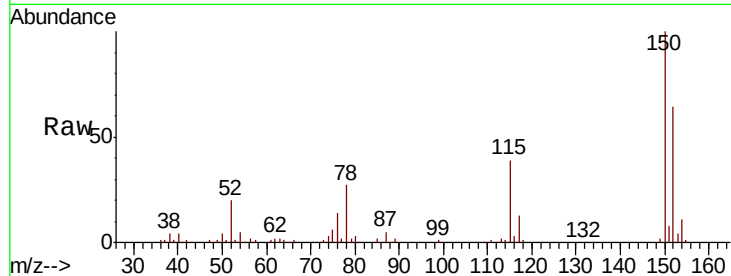
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.4	188.2
115	60.2	50.2	75.4

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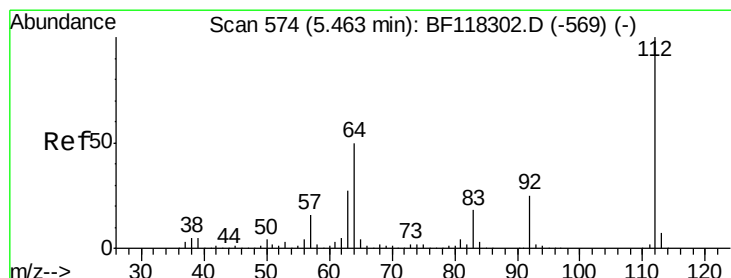
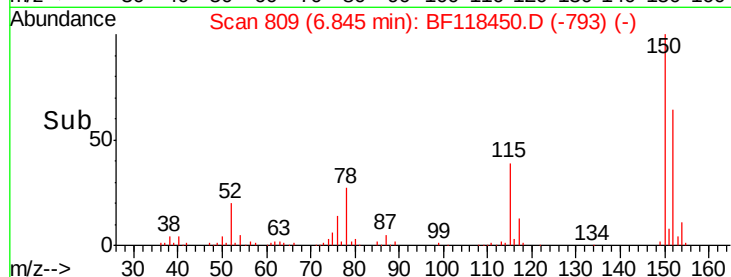
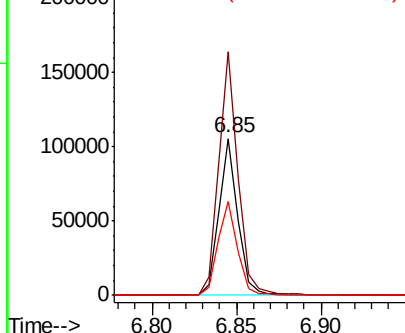


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

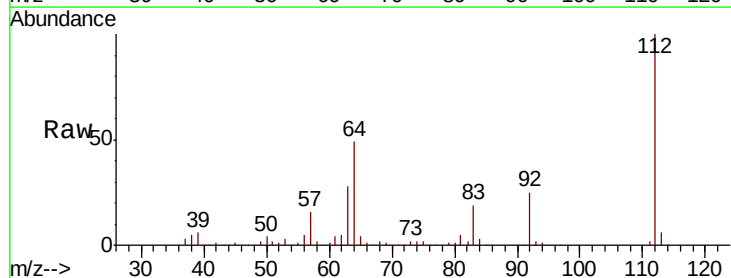
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.454 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.6	39.7	59.5
63	28.1	21.7	32.5

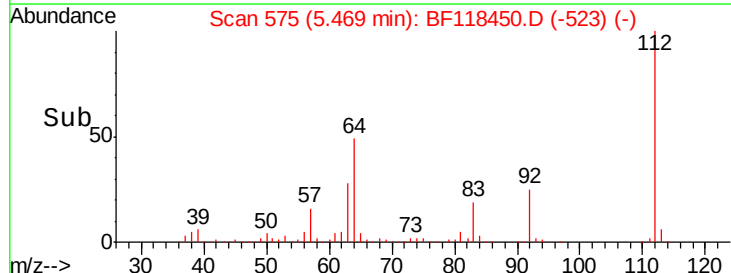
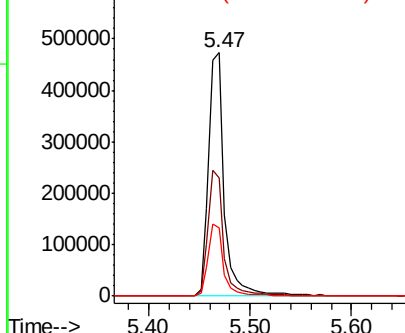


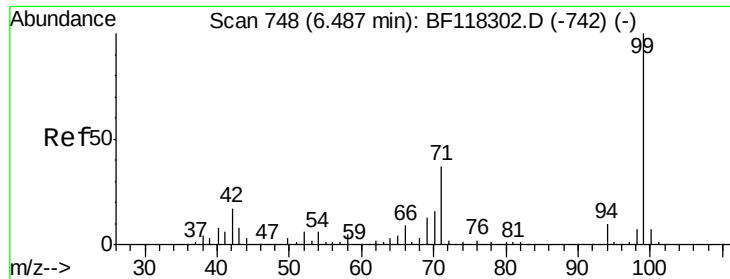
Abundance

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: 107.337 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118450.D

Acq: 2 Jan 2020 22:06

Instrument :

BNA_F

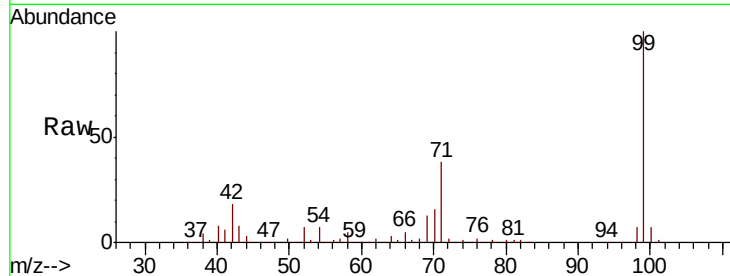
ClientSampleId :

SS-8

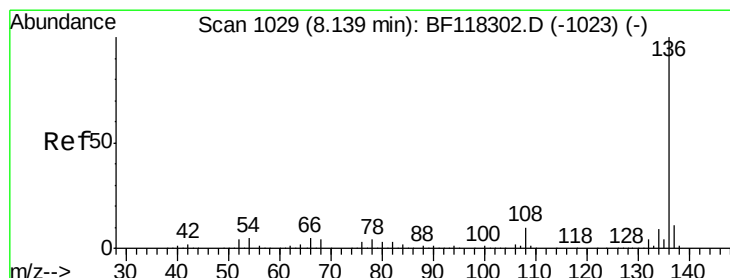
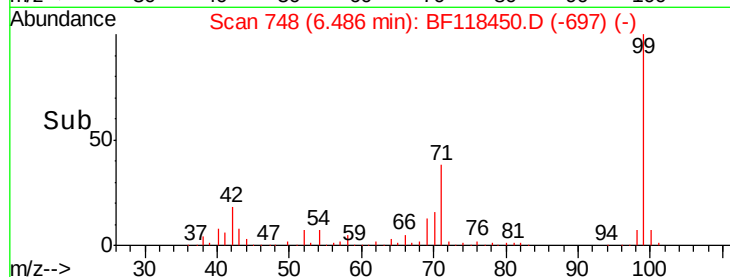
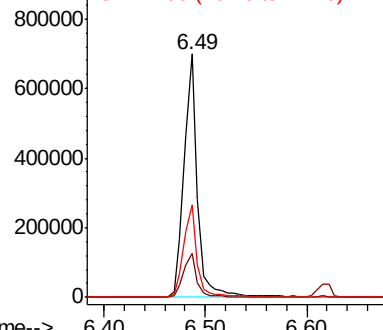
Tot Ion:	99	Resp:	651352
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	38.2	29.4	44.2

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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: 8.13 min Scan# 1028

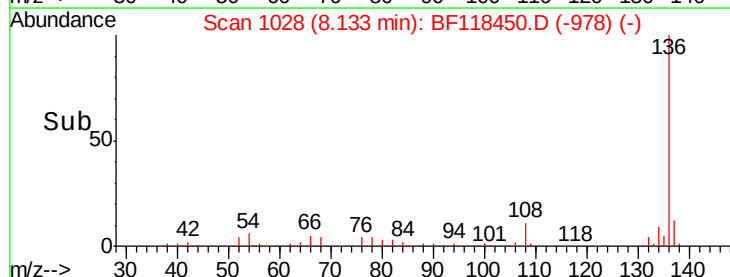
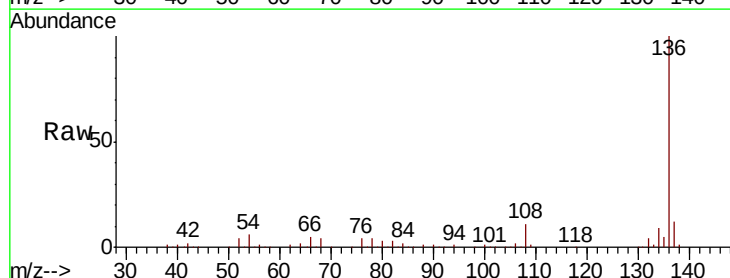
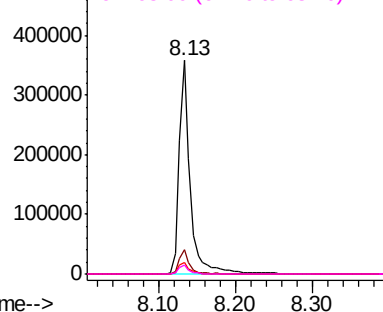
Delta R.T. -0.01 min

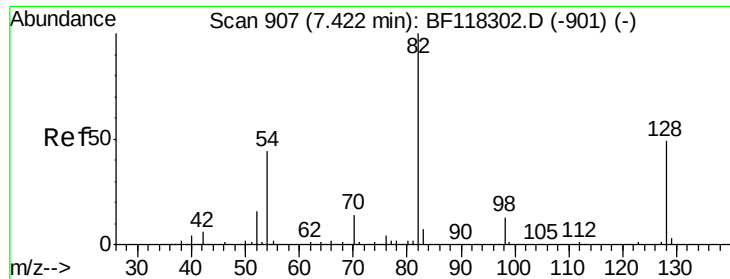
Lab File: BF118450.D

Acq: 2 Jan 2020 22:06

Tgt Ion:	136	Resp:	357241
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	5.7	4.2	6.4
68	4.2	3.5	5.3

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





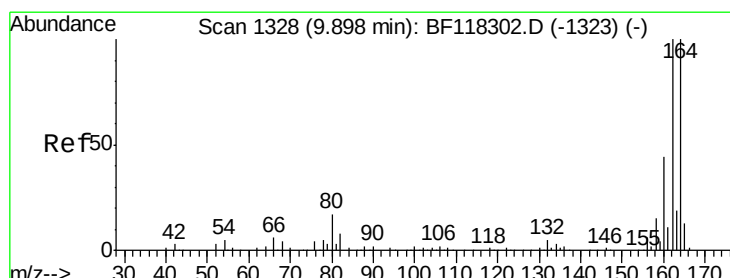
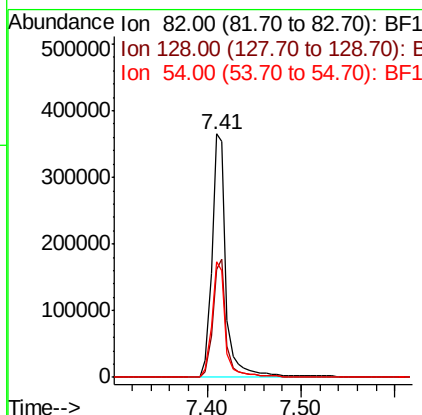
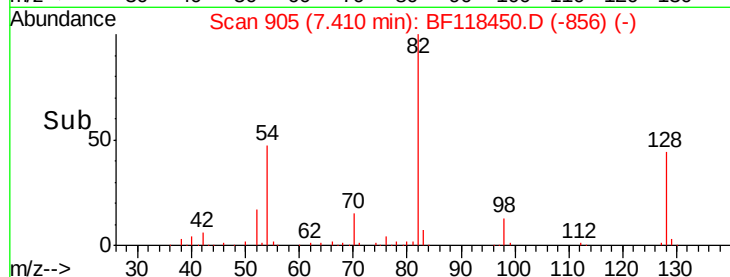
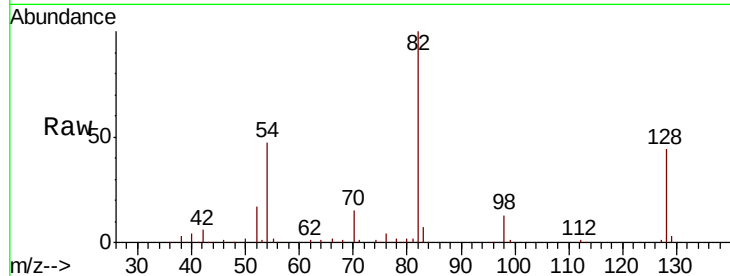
#23
 Nitrobenzene-d5
 Concen: 63.061 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118450.D
 Acq: 2 Jan 2020 22:06

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion:	82	Resp:	393879
Ion Ratio	Lower	Upper	
82	100		
128	44.2	39.6	59.4
54	47.3	34.9	52.3

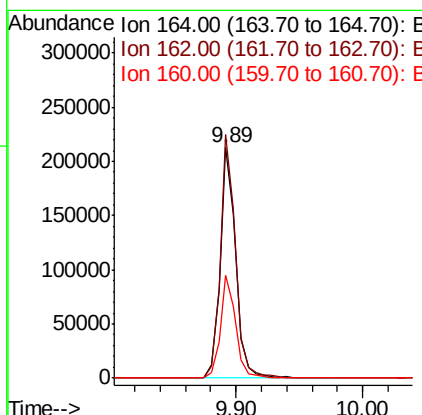
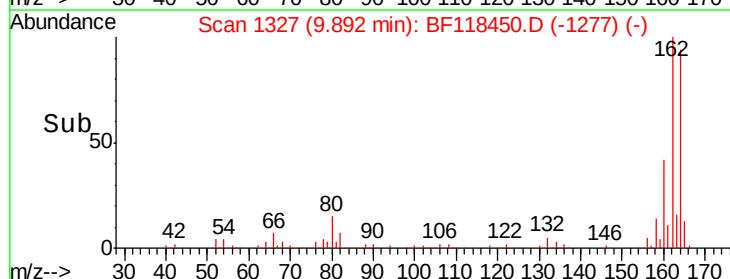
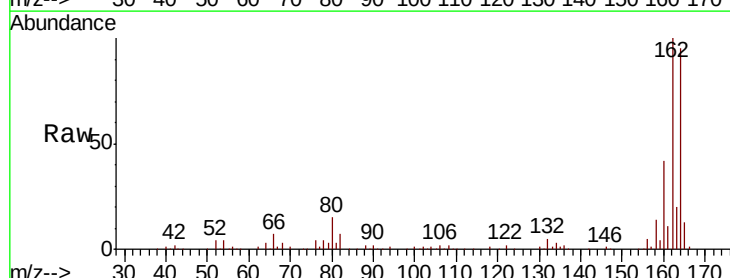
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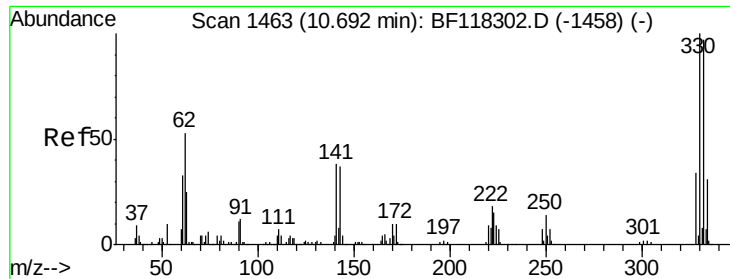
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF118450.D
 Acq: 2 Jan 2020 22:06

Tgt Ion:	164	Resp:	183112
Ion Ratio	Lower	Upper	
164	100		
162	105.5	80.0	120.0
160	44.4	34.8	52.2





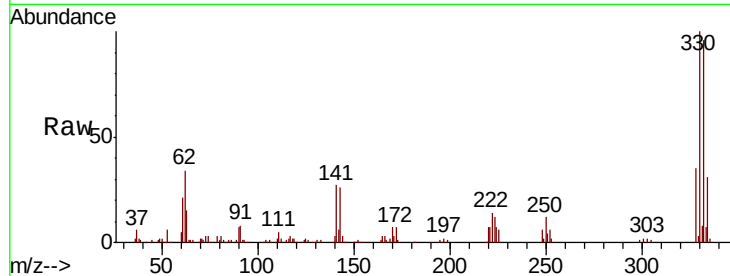
#42
 2,4,6-Tribromophenol
 Concen: 78.318 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118450.D
 Acq: 2 Jan 2020 22:06

Instrument :
 BNA_F
 ClientSampled :
 SS-8

Tot Ion	Ratio	Resp	Lower	Upper
330	100	177101		
332	97.1	76.6	114.8	
141	34.6	26.0	39.0	

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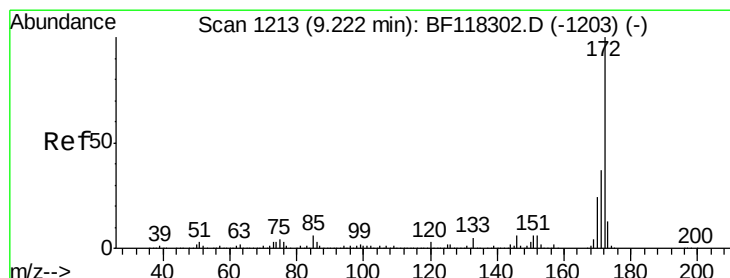
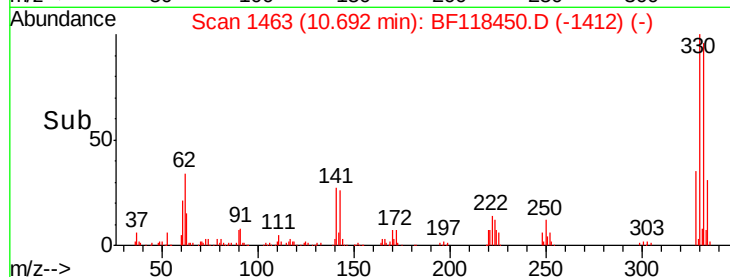
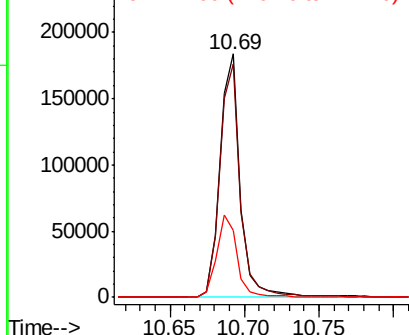


Abundance

Ion 329.80 (329.50 to 330.50): E

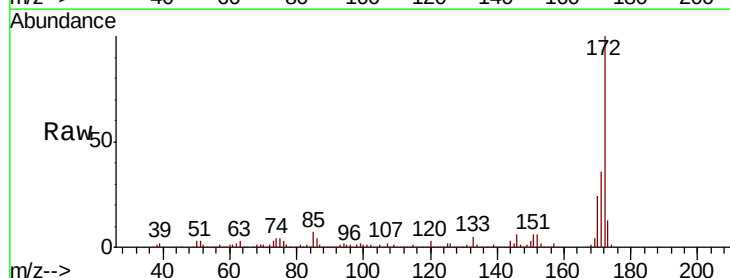
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.571 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118450.D
 Acq: 2 Jan 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	858545		
171	35.7	29.3	43.9	
170	23.5	19.2	28.8	

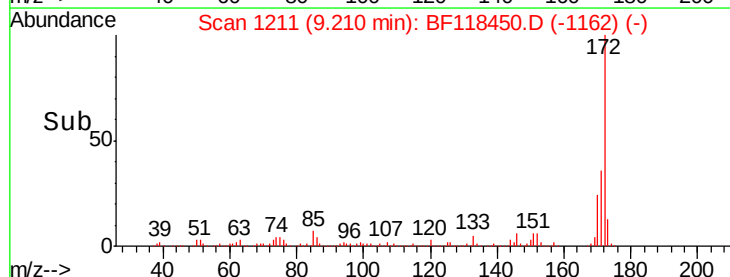
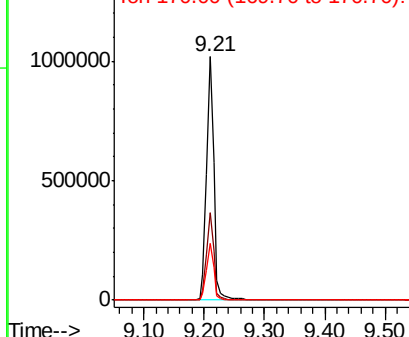


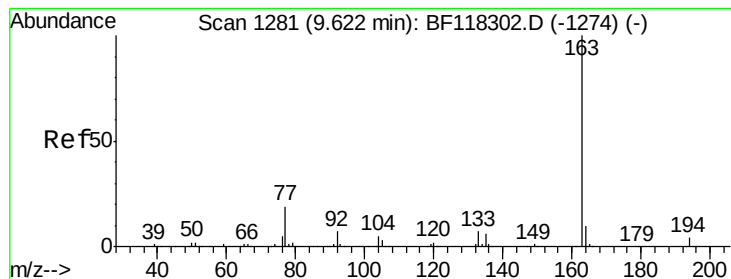
Abundance

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





#50

Dimethylphthalate

Concen: 3.859 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118450.D

Acq: 2 Jan 2020 22:06

Instrument :

BNA_F

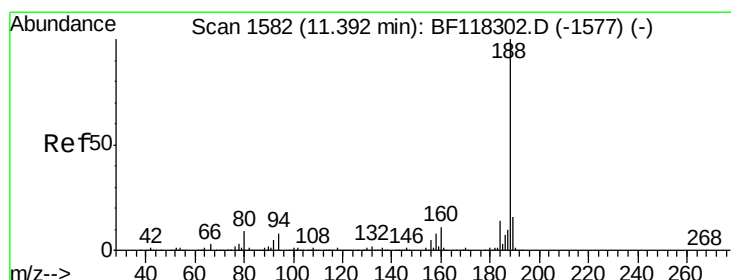
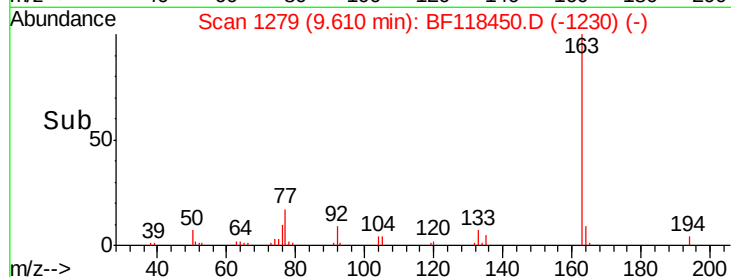
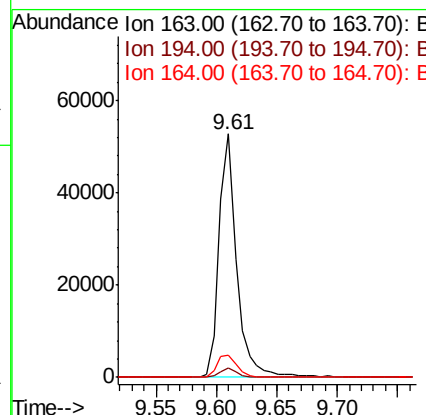
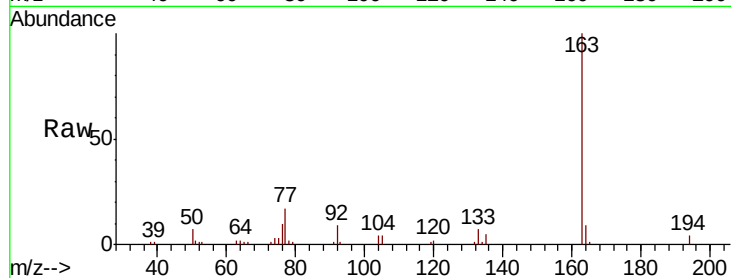
ClientSampled :

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Tot Ion:	163	Resp:	53049
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.1	7.9	11.9

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#64

Phenanthrene-d10

Concen: 20.000 ng

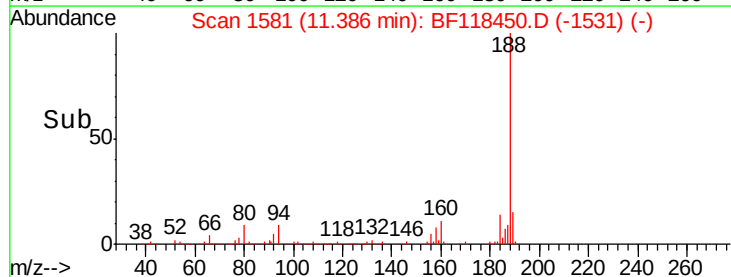
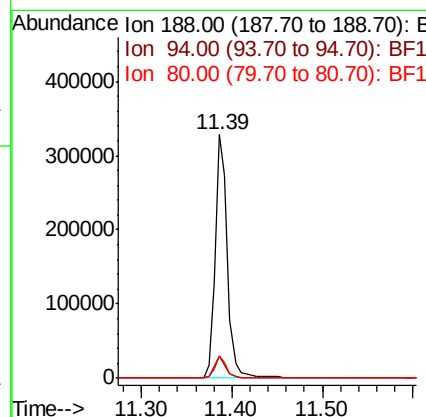
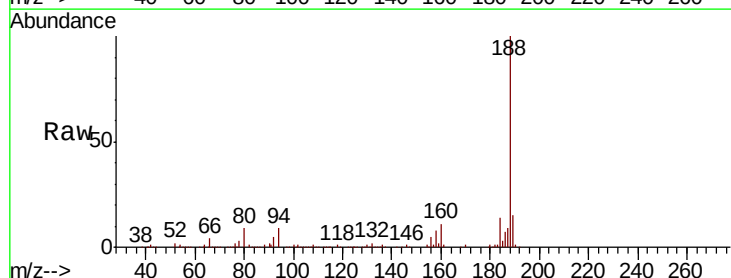
RT: 11.39 min Scan# 1581

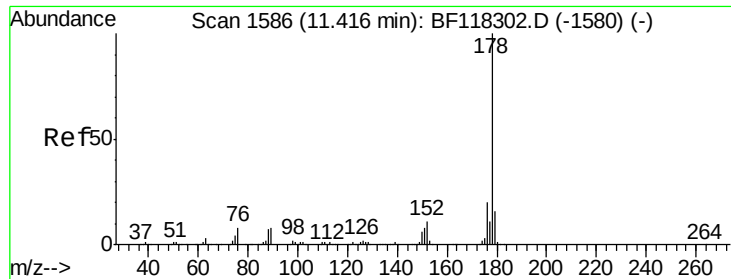
Delta R.T. -0.01 min

Lab File: BF118450.D

Acq: 2 Jan 2020 22:06

Tgt Ion:	188	Resp:	310538
Ion Ratio	Lower	Upper	
188	100		
94	9.2	6.7	10.1
80	8.9	7.2	10.8





#71

Phenanthrene

Concen: 2.707 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118450.D

Acq: 2 Jan 2020 22:06

Instrument :

BNA_F

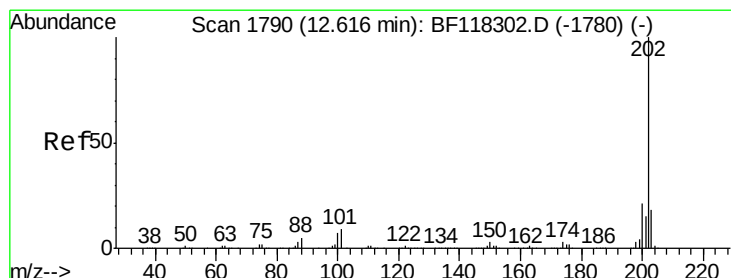
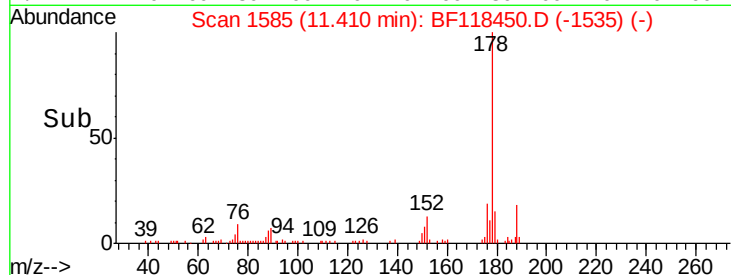
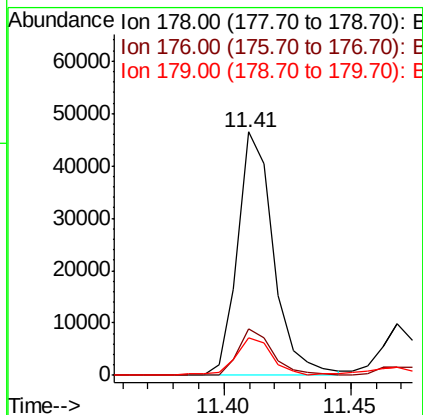
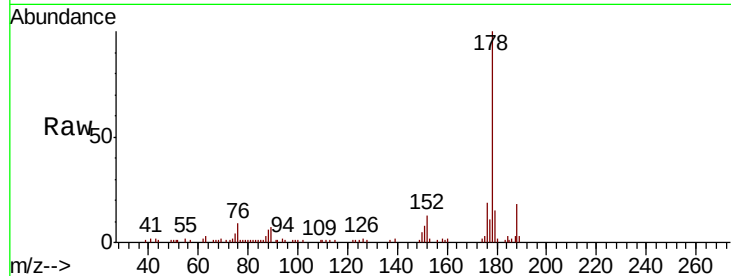
ClientSampleId :

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Tot Ion:	178	Resp:	45827
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.6	23.4
179	15.2	12.6	19.0

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#75

Fluoranthene

Concen: 5.563 ng

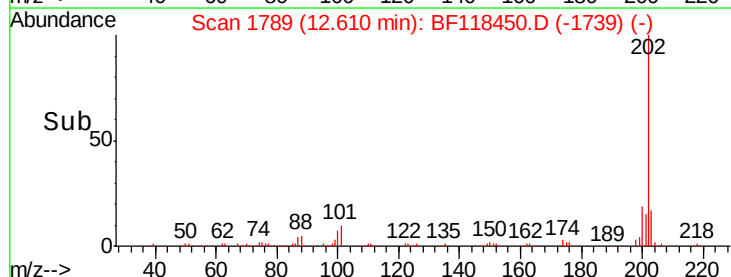
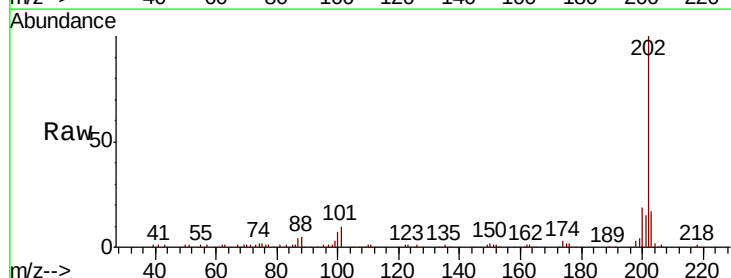
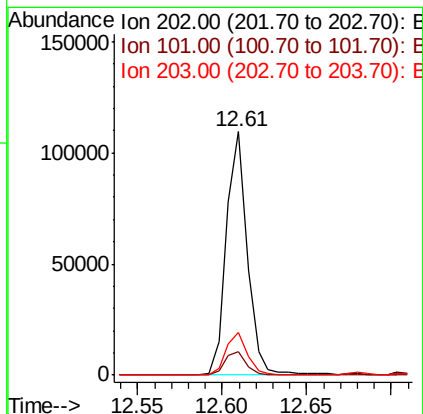
RT: 12.61 min Scan# 1789

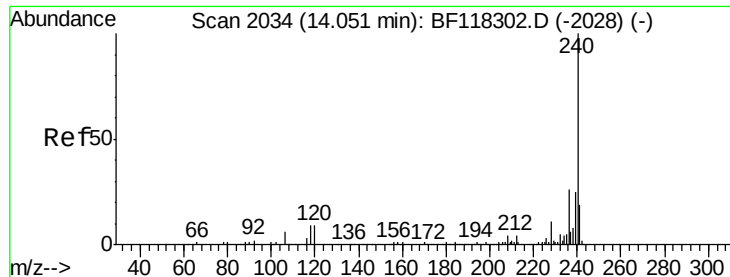
Delta R.T. -0.01 min

Lab File: BF118450.D

Acq: 2 Jan 2020 22:06

Tgt Ion:	202	Resp:	95042
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.5
203	17.4	0.0	37.6





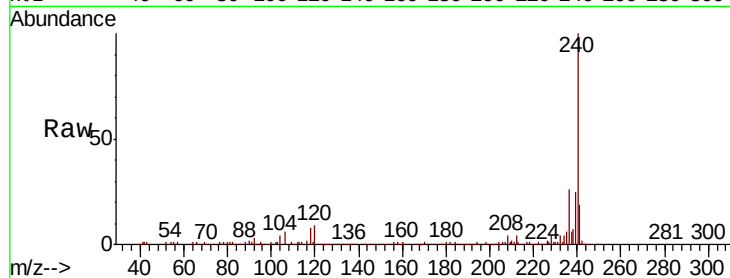
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

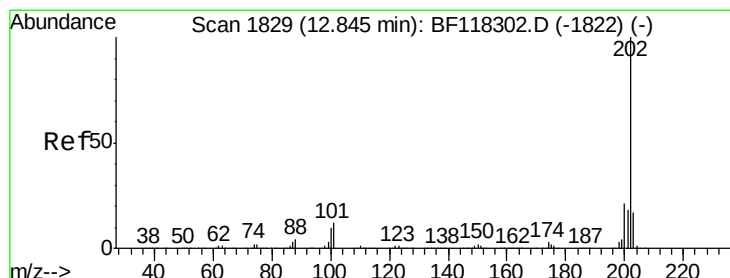
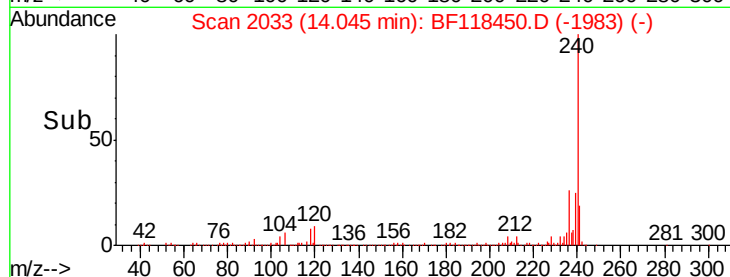
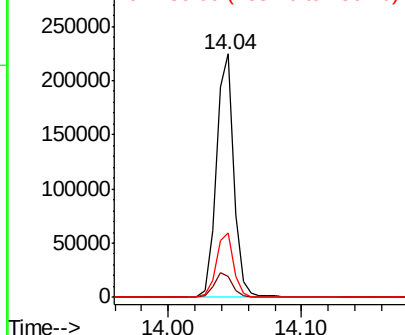
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.1	10.7
236	26.3	21.0	31.6

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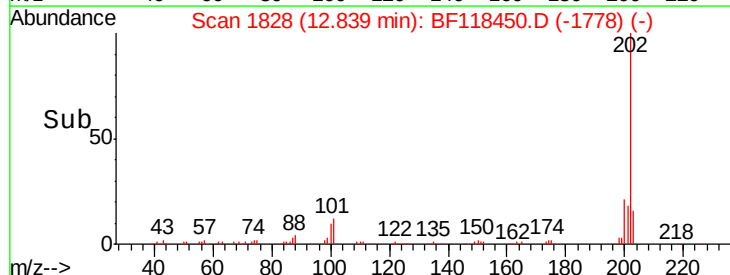
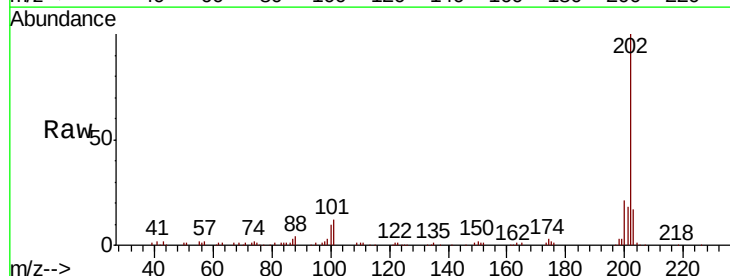
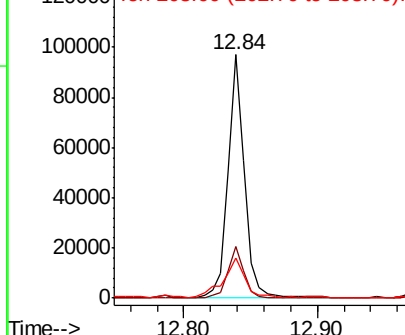
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

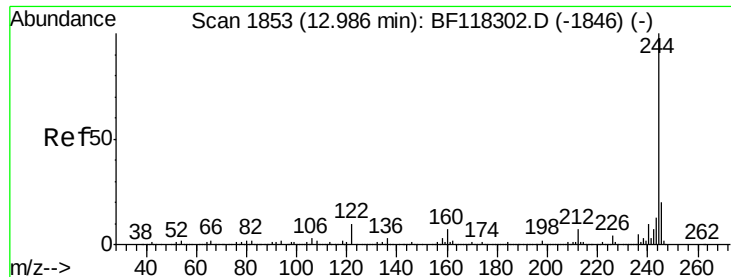


#78
Pyrene
Concen: 5.020 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	16.7	13.9	20.9

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





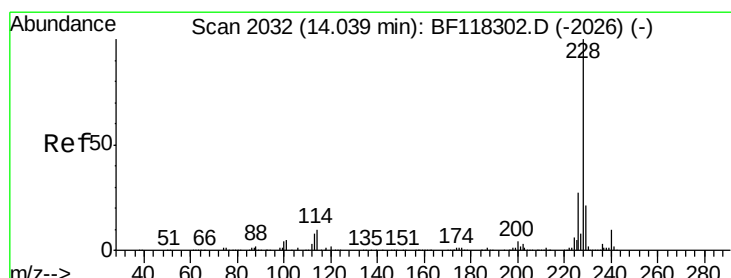
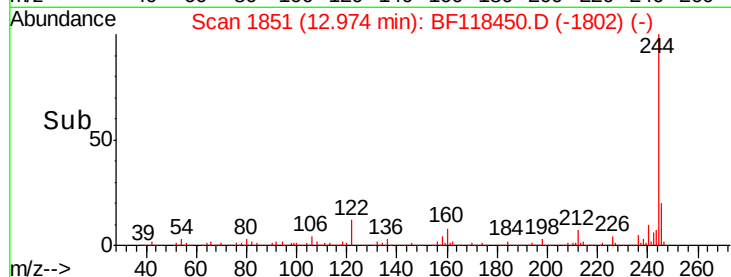
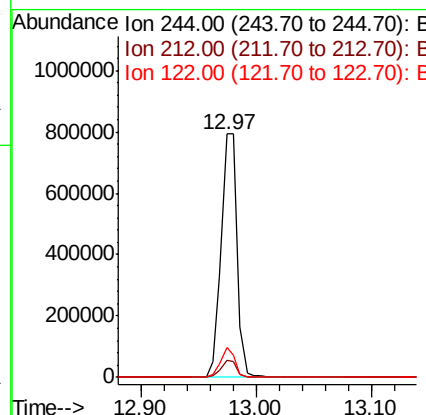
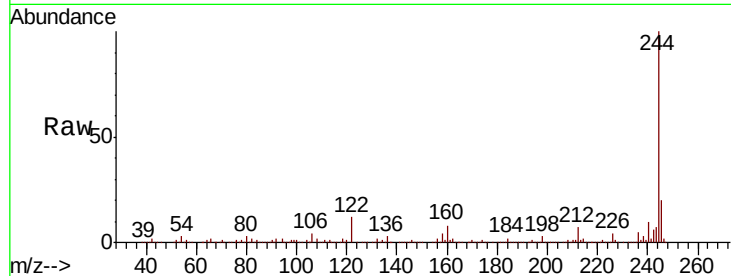
#79
 Terphenyl-d14
 Concen: 61.216 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF118450.D
 Acq: 2 Jan 2020 22:06

Instrument :
 BNA_F
 ClientSampled :
 SS-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	12.3	7.8	11.8

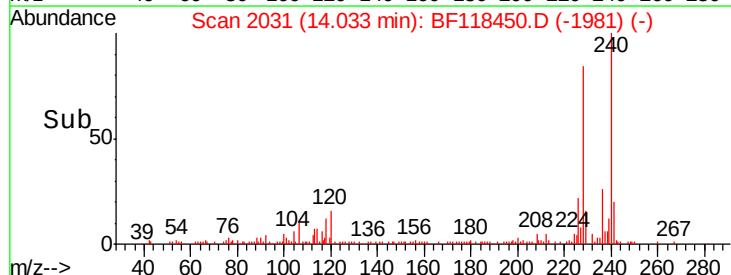
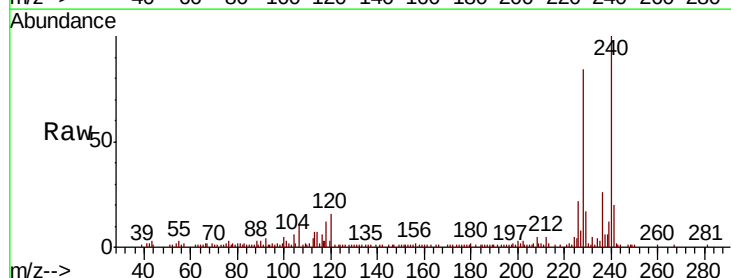
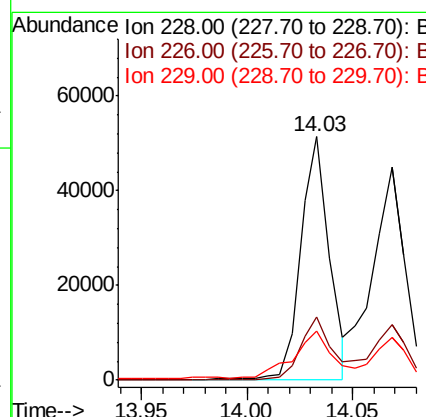
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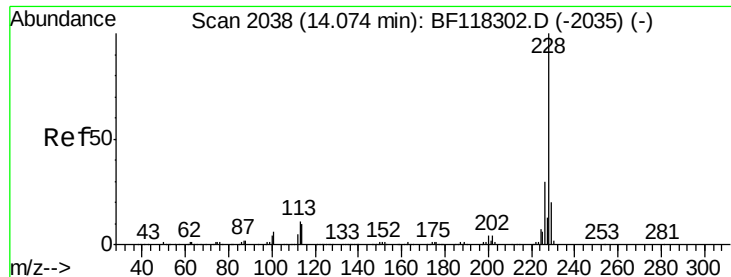
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.349 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118450.D
 Acq: 2 Jan 2020 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.0	33.0
229	20.0	16.6	24.8





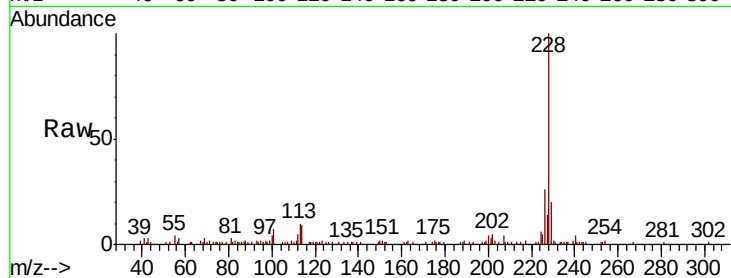
#83
Chrysene
Concen: 3.274 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	23.9	35.9
229	20.1	16.1	24.1

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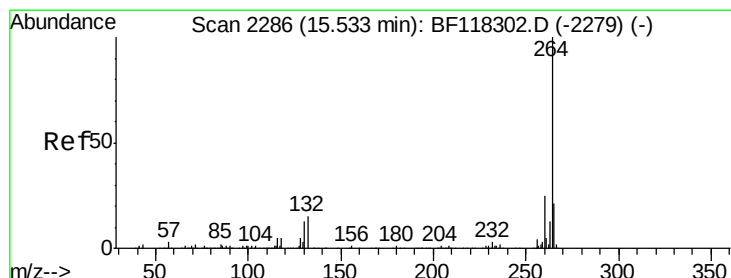
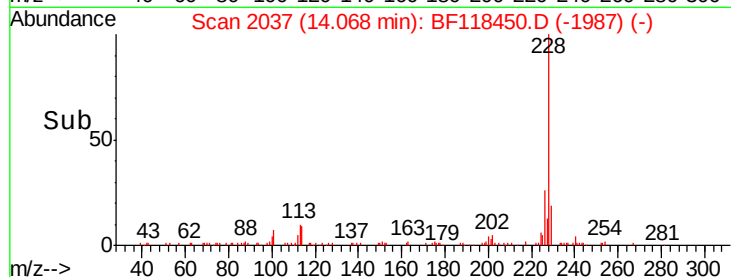
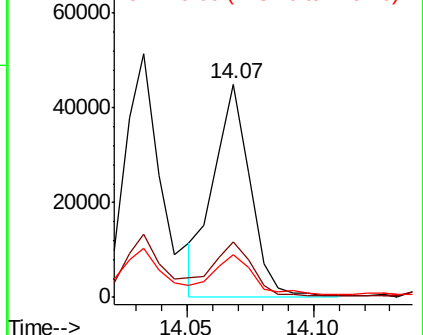


Abundance

Ion 228.00 (227.70 to 228.70): E

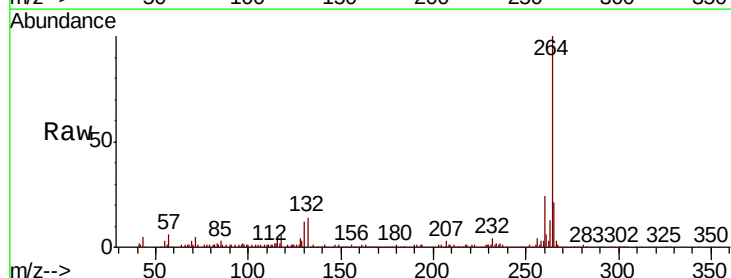
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.0	17.0	25.4

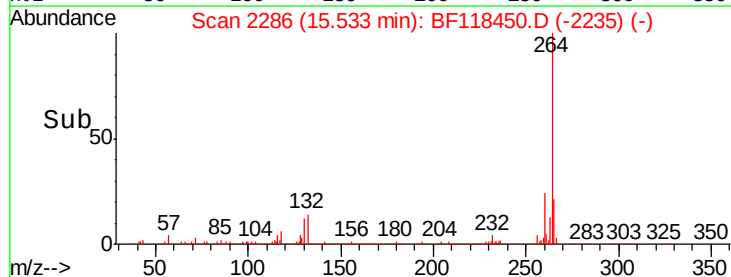
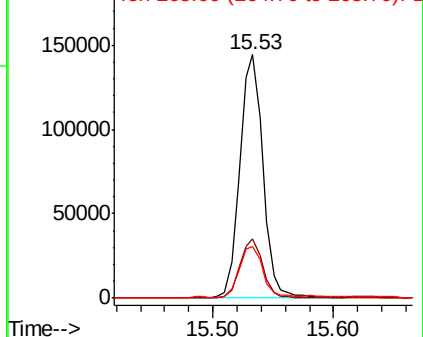


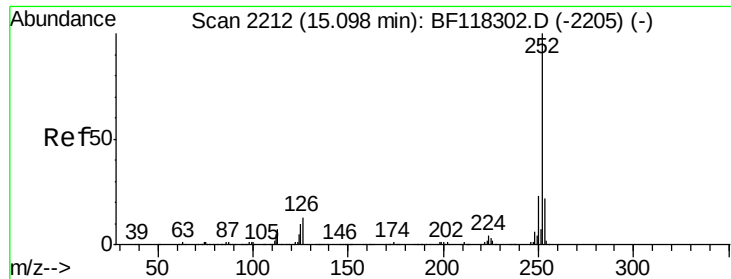
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





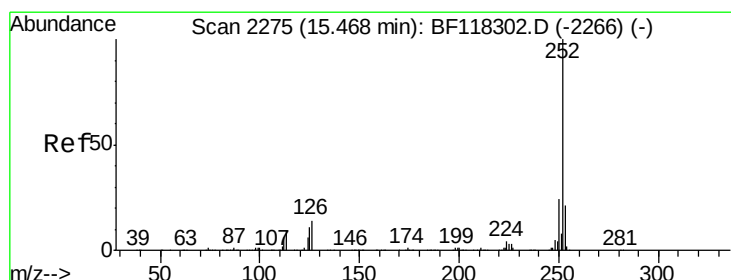
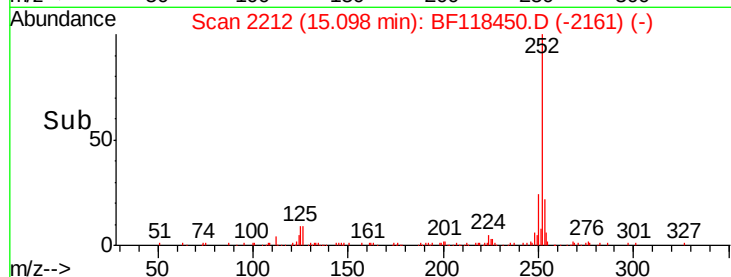
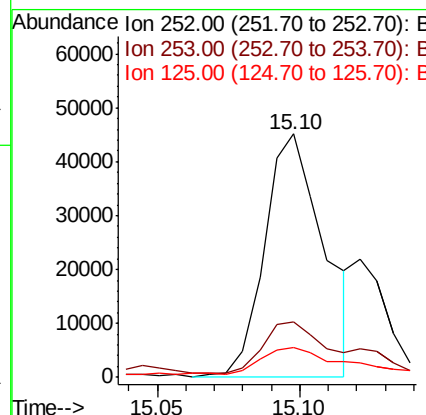
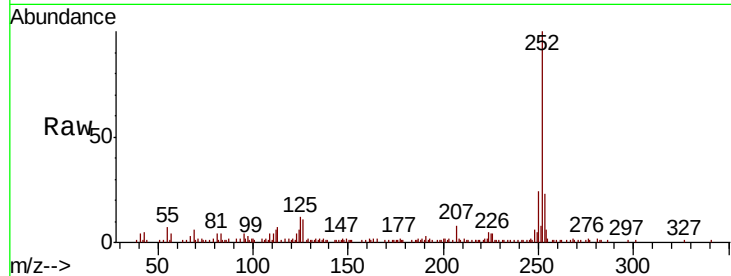
#88
Benzo(b)fluoranthene
Concen: 5.099 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.2	7.7	11.5

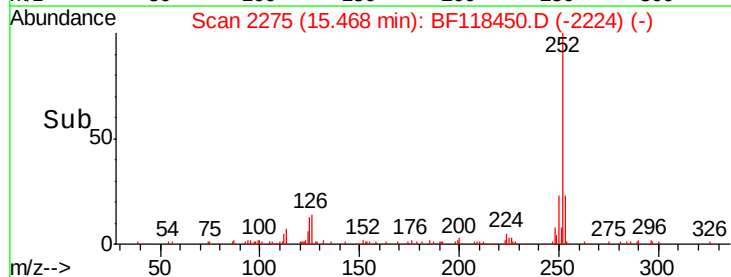
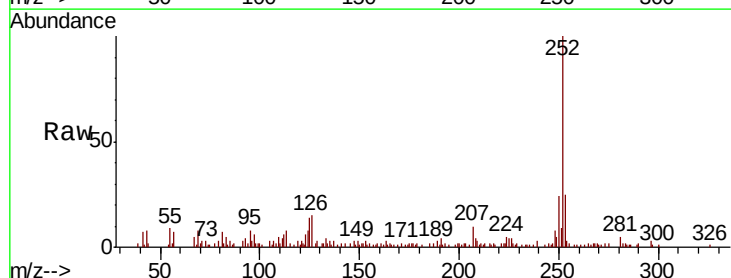
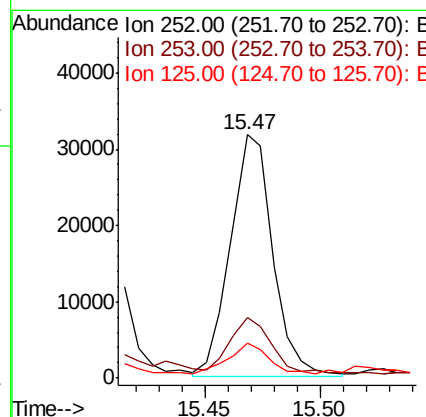
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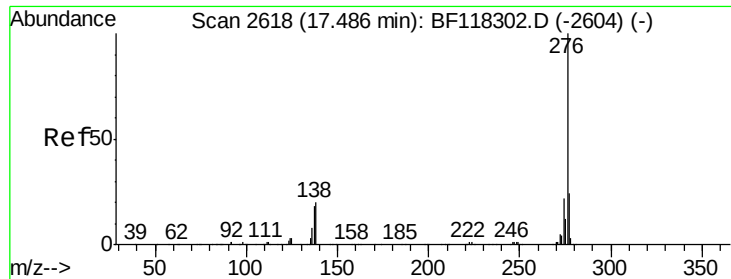
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#90
Benzo(a)pyrene
Concen: 3.584 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	14.4	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 2.597 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.02 min
 Lab File: BF118450.D
 Acq: 2 Jan 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	30.0	19.1	28.7	
138	19.2	16.1	24.1	

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