

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118444.D
 Acq On : 2 Jan 2020 19:19
 Operator : JU
 Sample : K6465-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-10-(10-12)

Manual Integrations
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Quant Time: Jan 03 03:22:47 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	120361	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	485021	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	247639	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	425719	20.00	ng	0.00
76) Chrysene-d12	14.04	240	265341	20.00	ng	-0.01
87) Perylene-d12	15.53	264	281671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	610840	86.63	ng	0.00
7) Phenol-d6	6.49	99	790987	90.43	ng	0.00
23) Nitrobenzene-d5	7.41	82	460658	54.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	225610	73.77	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	837300	51.61	ng	-0.01
79) Terphenyl-d14	12.97	244	740904	46.32	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	28688	2.918	ng	91
50) Dimethylphthalate	9.61	163	94389	5.078	ng	99
71) Phenanthrene	11.41	178	117736	5.073	ng	98
75) Fluoranthene	12.61	202	109717	4.684	ng	99
78) Pyrene	12.84	202	125129	5.775	ng	99
81) Benzo(a)anthracene	14.03	228	58970	3.175	ng	97
83) Chrysene	14.07	228	52551	2.955	ng	98
88) Benzo(b)fluoranthene	15.10	252	40029m	2.141	ng	

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

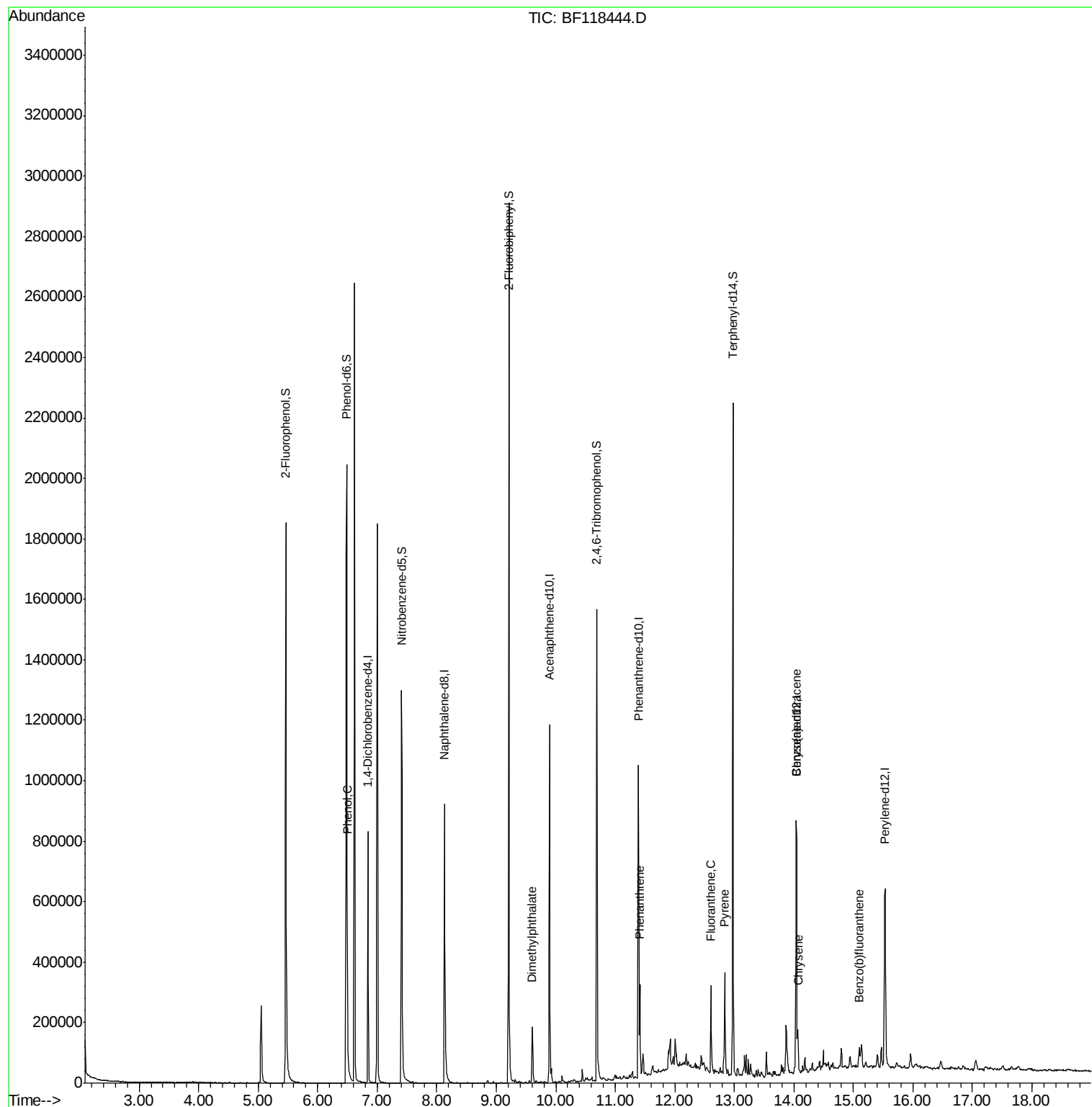
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118444.D
Acq On : 2 Jan 2020 19:19
Operator : JU
Sample : K6465-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

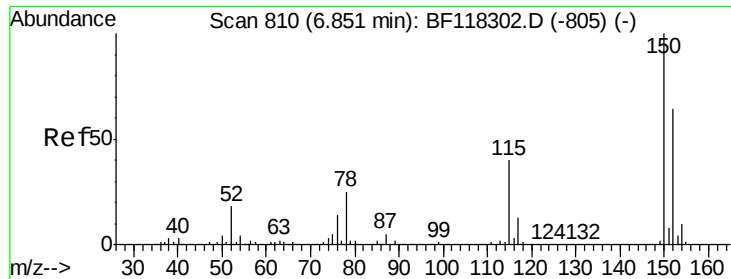
Instrument :
BNA_F
ClientSampleId :
GP-10-(10-12)

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Quant Time: Jan 03 03:22:47 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF118444.D

Acq: 2 Jan 2020 19:19

Instrument :

BNA_F

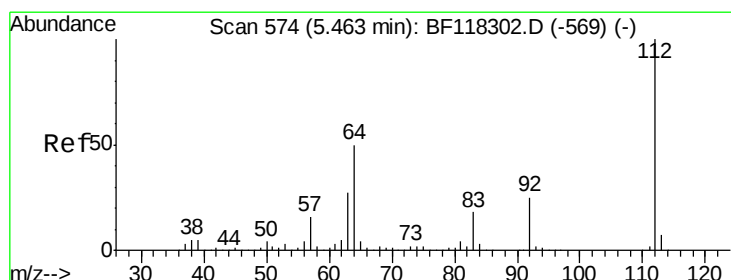
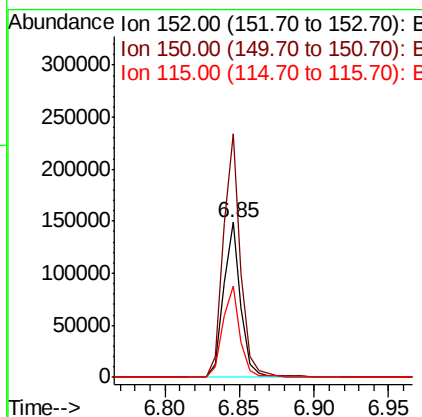
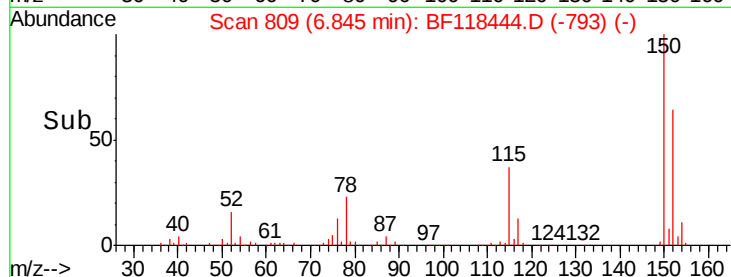
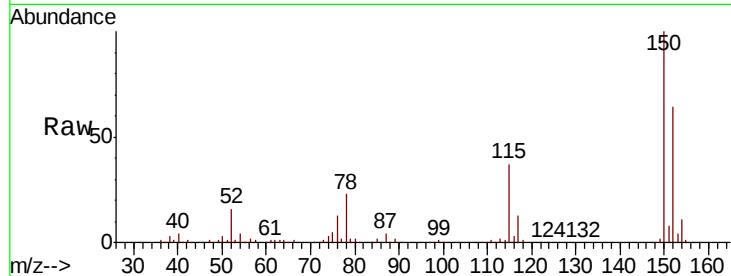
ClientSampleId :

GP-10-(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.4	188.2
115	58.9	50.2	75.4

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#5

2-Fluorophenol

Concen: 86.631 ng

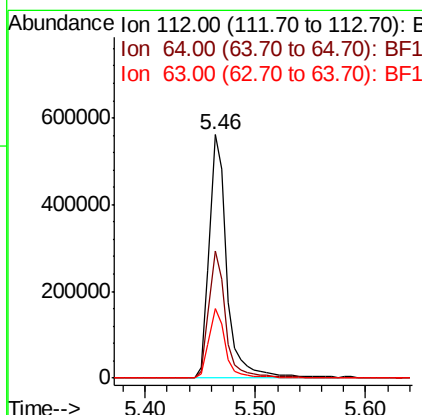
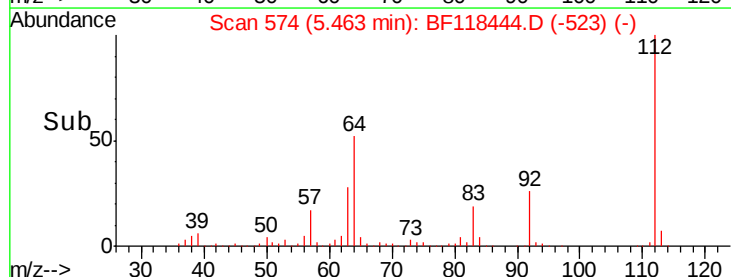
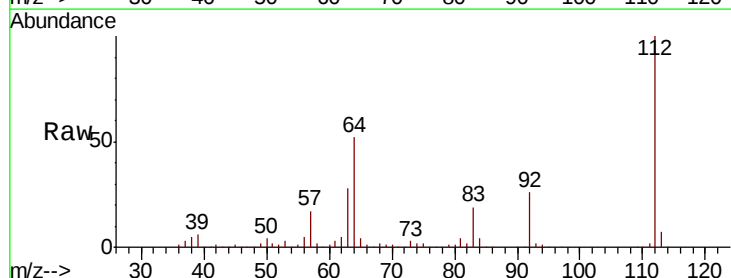
RT: 5.46 min Scan# 574

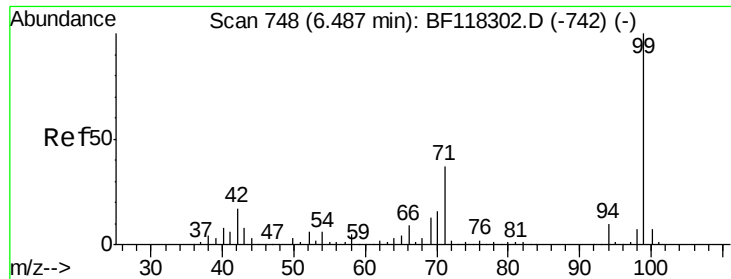
Delta R.T. -0.00 min

Lab File: BF118444.D

Acq: 2 Jan 2020 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.7	59.5
63	28.4	21.7	32.5





#7

Phenol-d6

Concen: 90.429 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118444.D

Acq: 2 Jan 2020 19:19

Instrument :

BNA_F

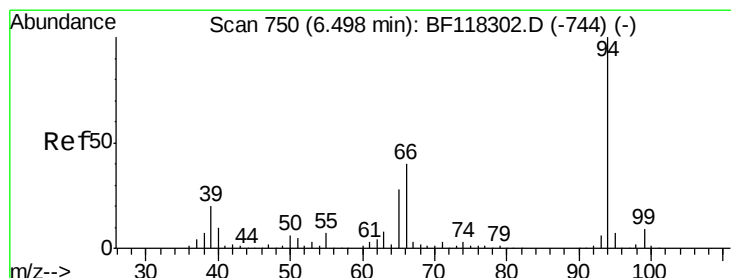
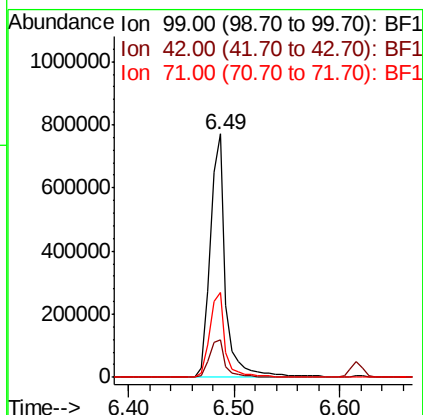
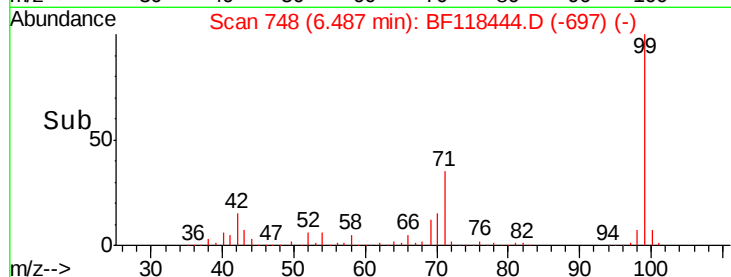
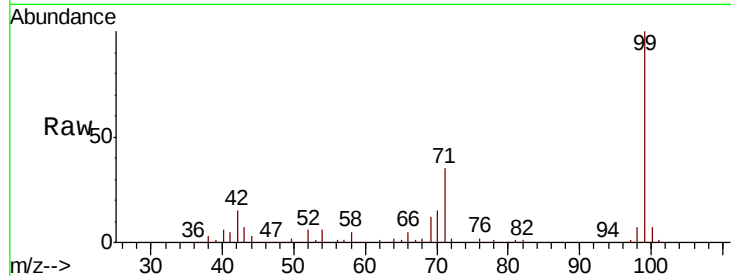
ClientSampleId :

GP-10-(10-12)

Tot Ion:	99	Resp:	790987
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.5	20.3
71	35.0	29.4	44.2

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#10

Phenol

Concen: 2.918 ng

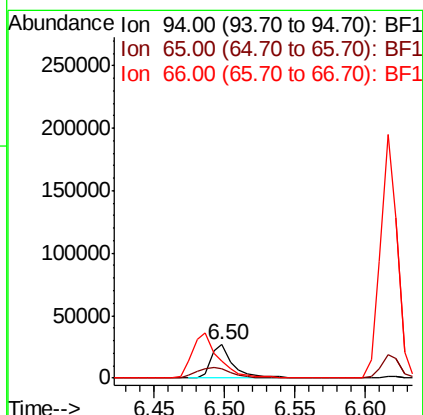
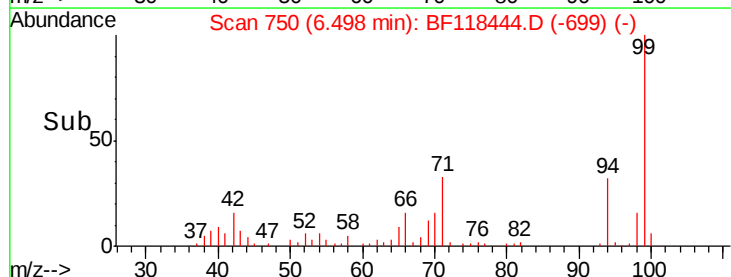
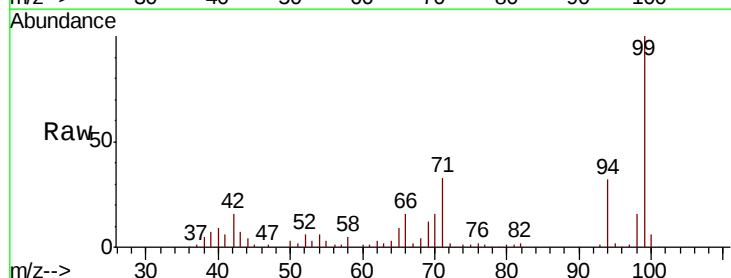
RT: 6.50 min Scan# 750

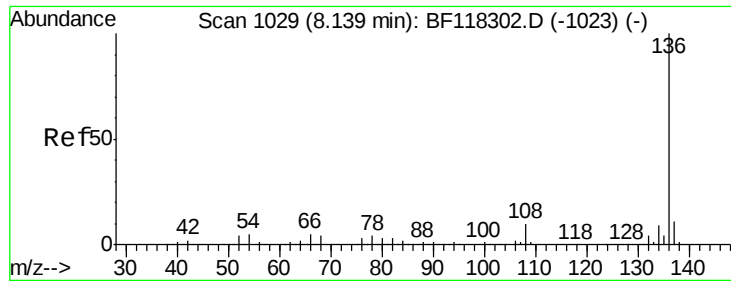
Delta R.T. -0.00 min

Lab File: BF118444.D

Acq: 2 Jan 2020 19:19

Tgt Ion:	94	Resp:	28688
Ion Ratio	Lower	Upper	
94	100		
65	26.9	7.8	47.8
66	49.4	20.4	60.4





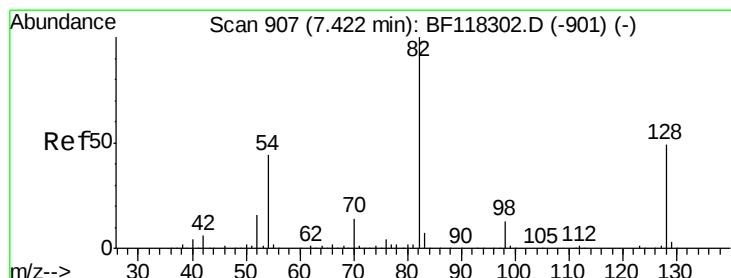
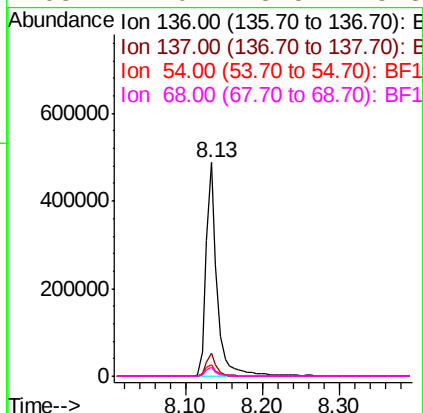
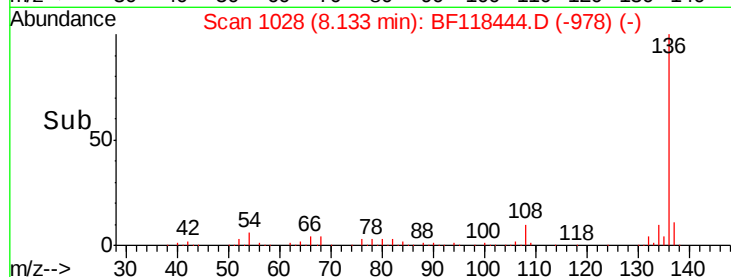
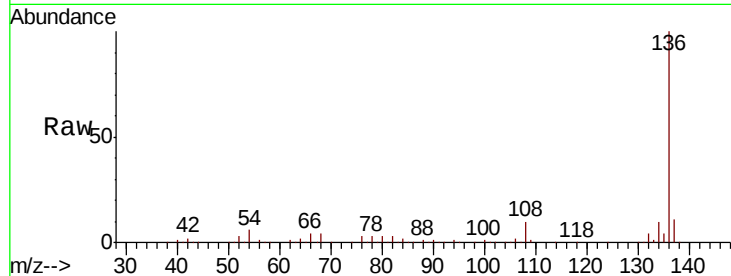
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118444.D
Acq: 2 Jan 2020 19:19

Instrument :
BNA_F
ClientSampleId :
GP-10-(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	485021		
137	10.6		8.9	13.3
54	5.7		4.2	6.4
68	4.0		3.5	5.3

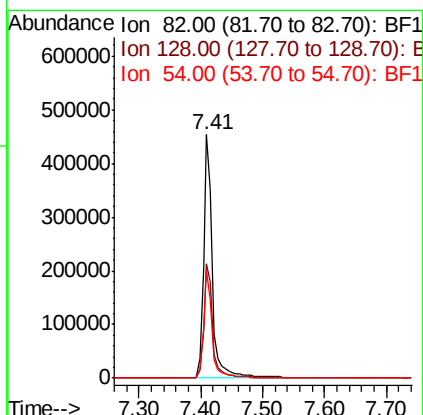
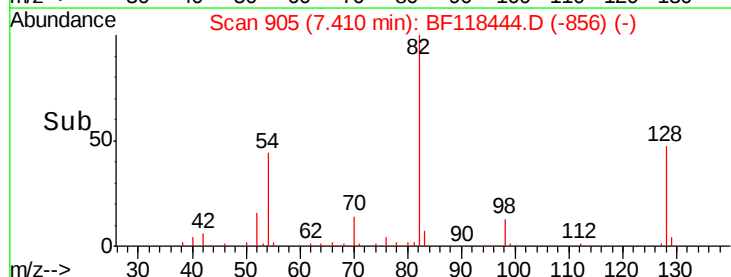
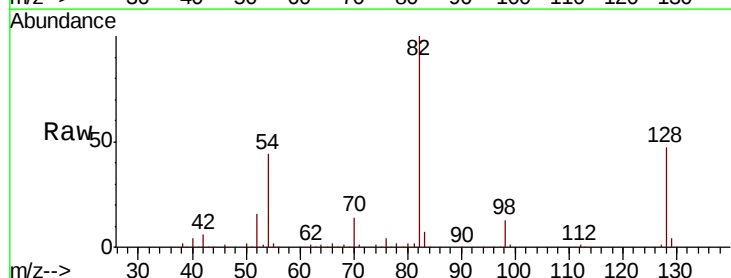
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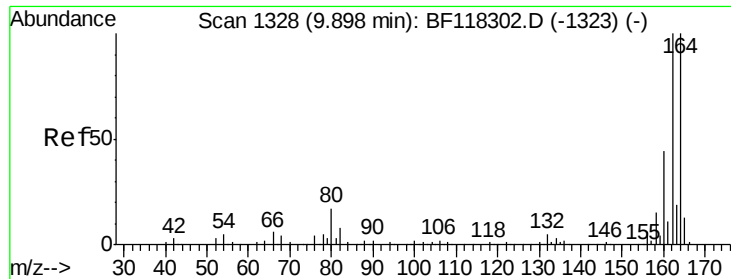
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#23
Nitrobenzene-d5
Concen: 54.322 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118444.D
Acq: 2 Jan 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	460658		
128	47.2		39.6	59.4
54	44.4		34.9	52.3





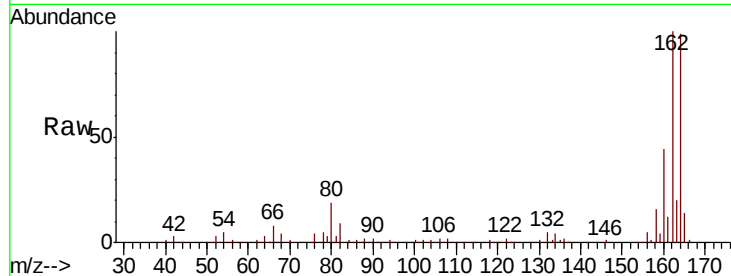
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118444.D
Acq: 2 Jan 2020 19:19

Instrument :
BNA_F
ClientSampleId :
GP-10-(10-12)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.0	120.0
160	44.2	34.8	52.2

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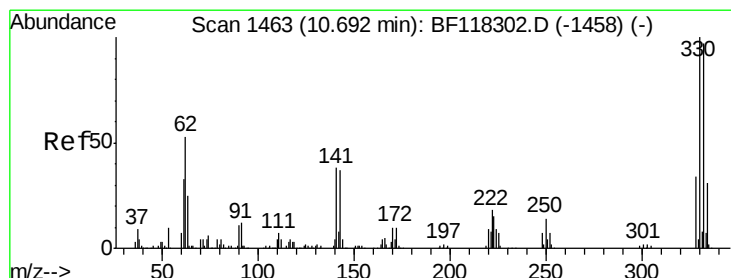
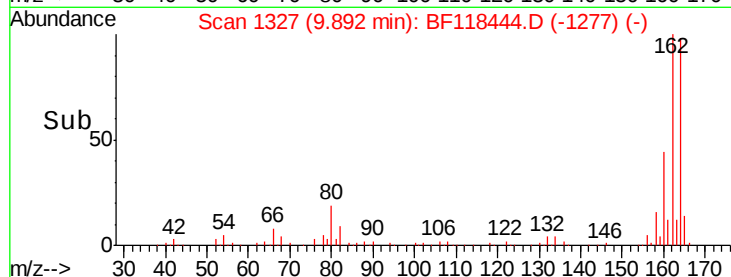
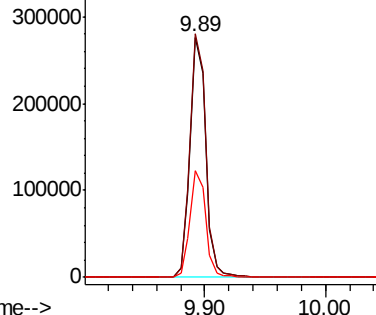


Abundance

Ion 164.00 (163.70 to 164.70): E

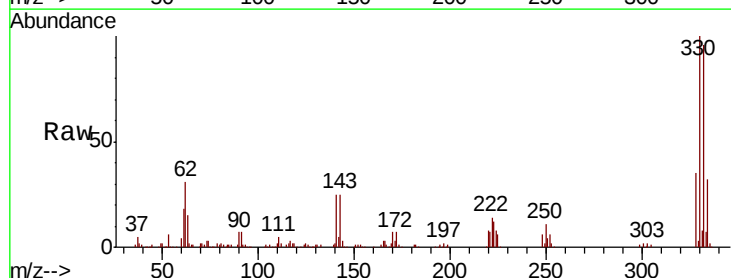
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 73.773 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF118444.D
Acq: 2 Jan 2020 19:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	32.2	26.0	39.0

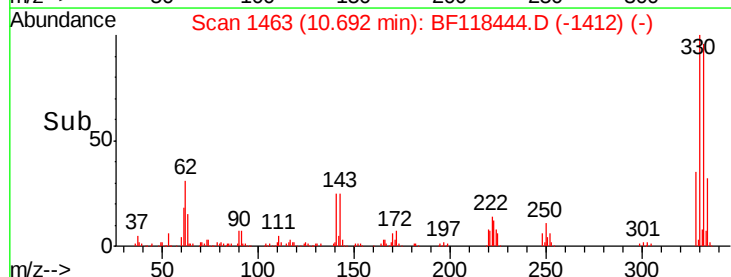
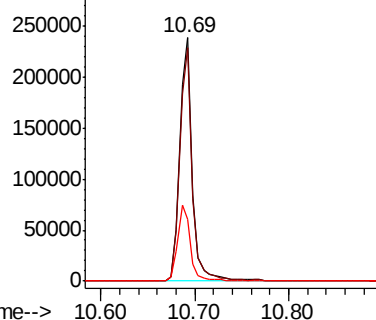


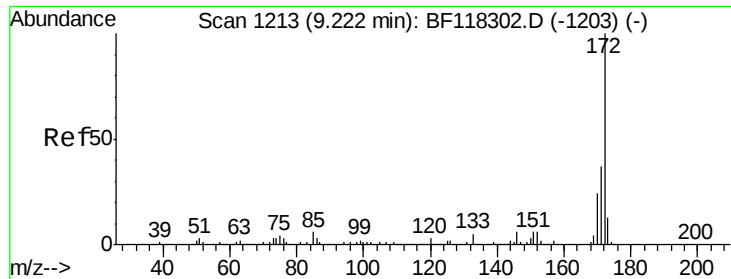
Abundance

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





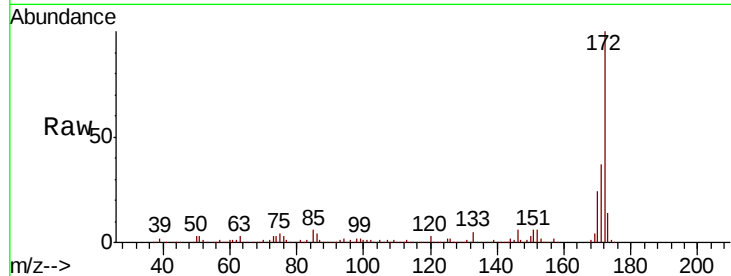
#45
2-Fluorobiphenyl
Concen: 51.612 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118444.D
Acq: 2 Jan 2020 19:19

Instrument :
BNA_F
ClientSampleId :
GP-10-(10-12)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	23.8	19.2	28.8

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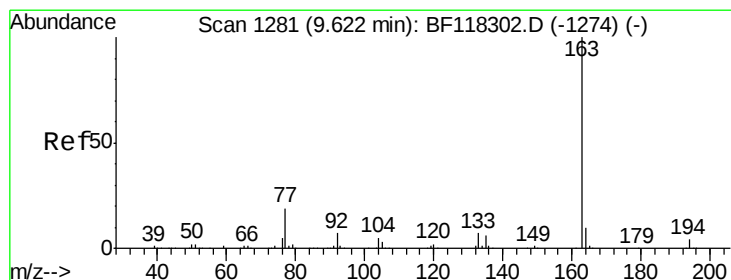
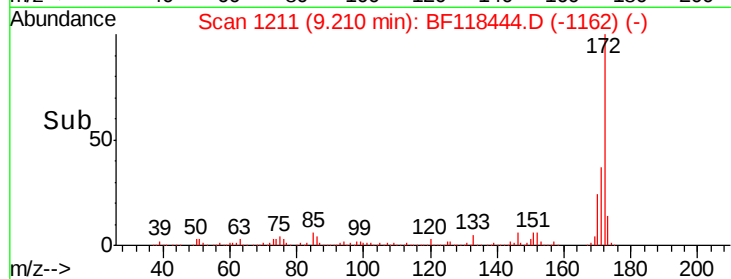
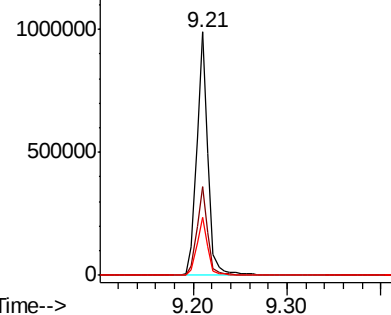


Abundance

Ion 172.00 (171.70 to 172.70): E

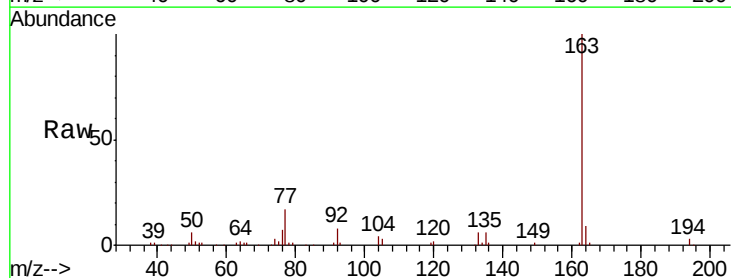
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.078 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118444.D
Acq: 2 Jan 2020 19:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.4	7.9	11.9

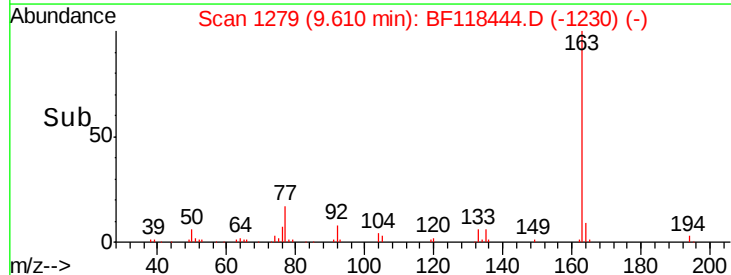
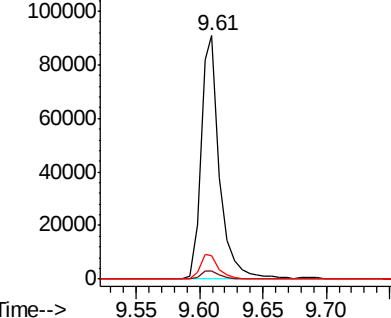


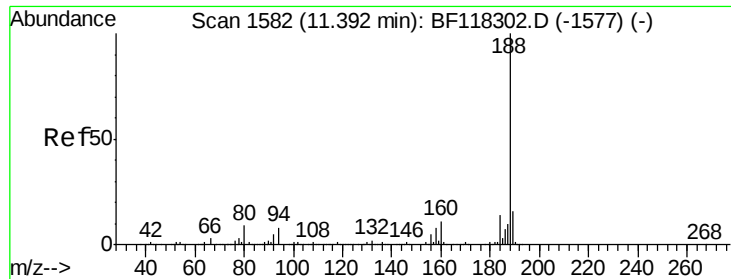
Abundance

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: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF118444.D

Acq: 2 Jan 2020 19:19

Instrument :

BNA_F

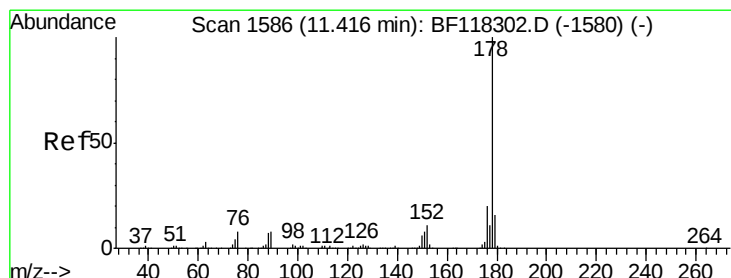
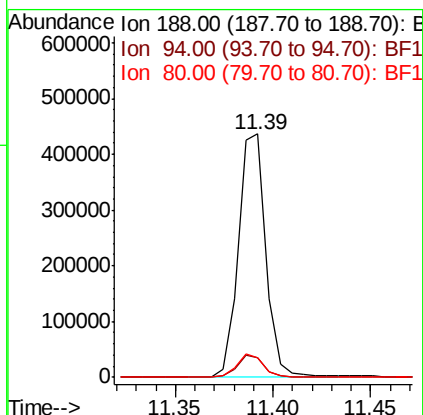
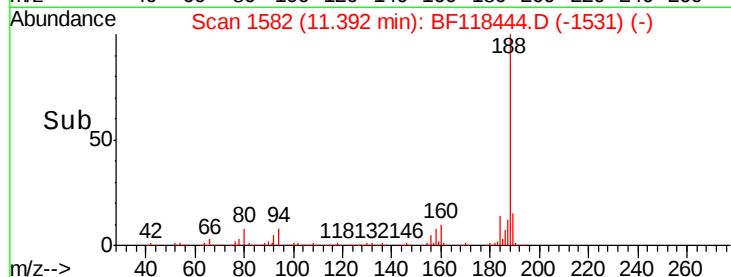
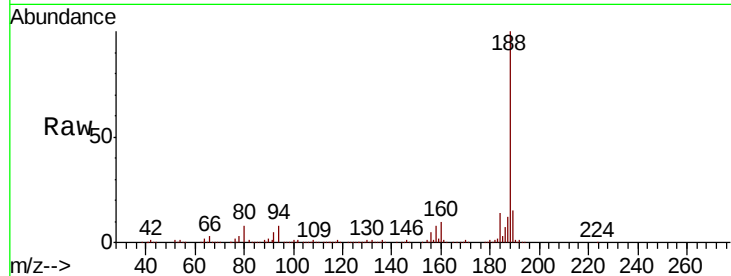
ClientSampleId :

GP-10-(10-12)

Tot Ion:	188	Resp:	425719
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.7	10.1
80	8.2	7.2	10.8

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#71

Phenanthrene

Concen: 5.073 ng

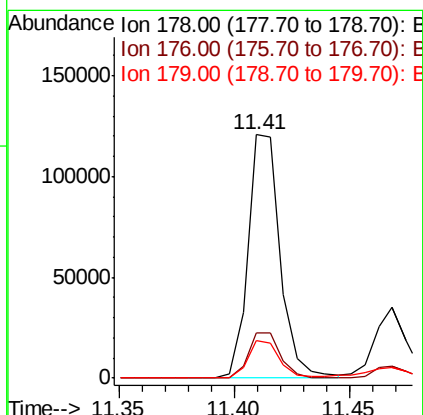
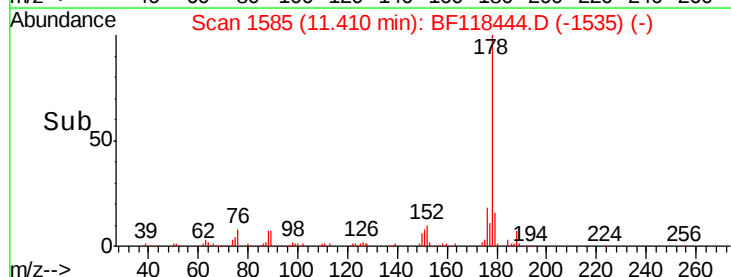
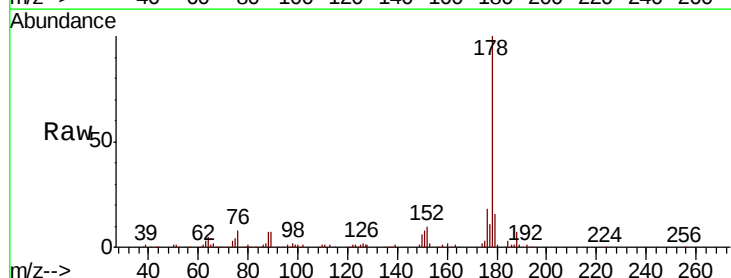
RT: 11.41 min Scan# 1585

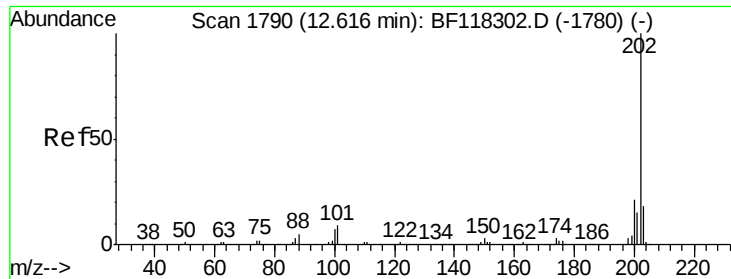
Delta R.T. -0.01 min

Lab File: BF118444.D

Acq: 2 Jan 2020 19:19

Tgt Ion:	178	Resp:	117736
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.6	23.4
179	15.6	12.6	19.0





#75

Fluoranthene

Concen: 4.684 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118444.D

Acq: 2 Jan 2020 19:19

Instrument :

BNA_F

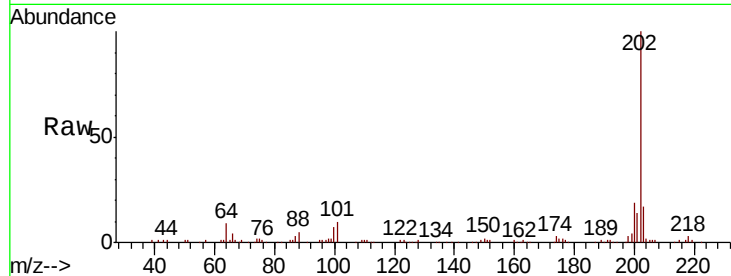
ClientSampleId :

GP-10-(10-12)

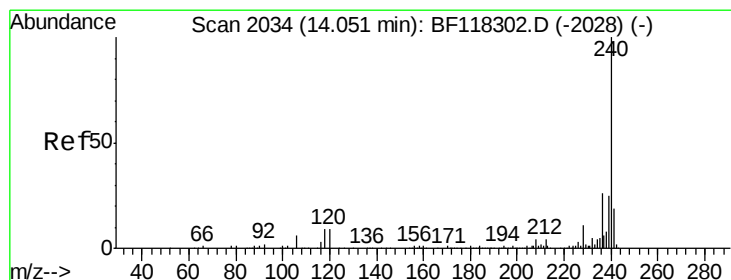
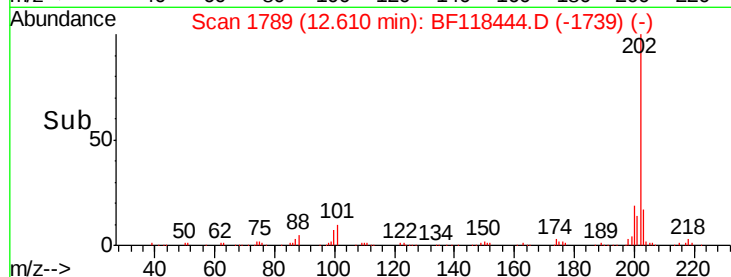
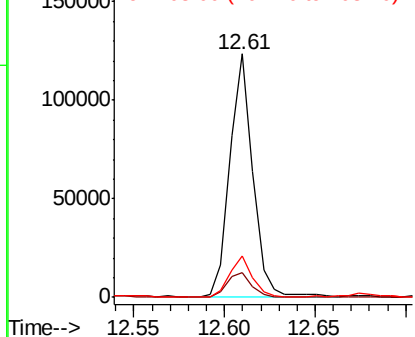
Tot Ion	Ratio	Resp	Lower	Upper
202	100	109717		
101	10.3	0.0	29.5	
203	17.1	0.0	37.6	

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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

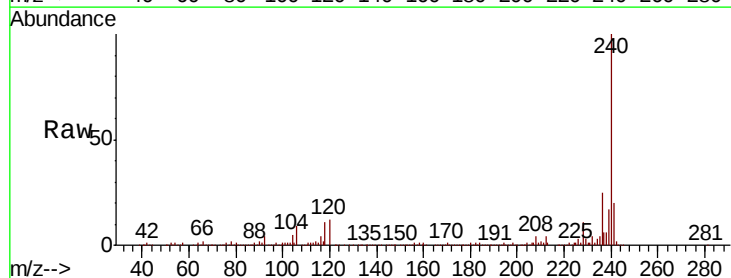
RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

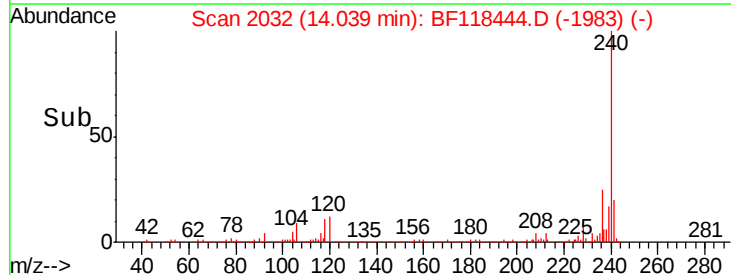
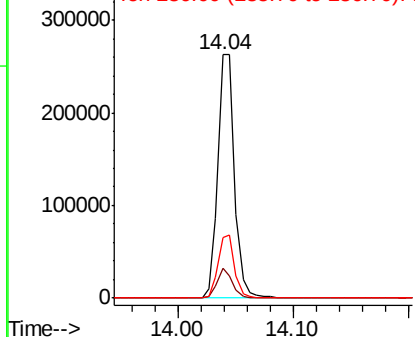
Lab File: BF118444.D

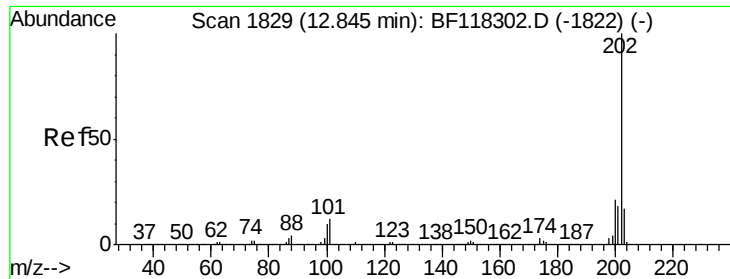
Acq: 2 Jan 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	265341		
120	12.2	7.1	10.7#	
236	25.1	21.0	31.6	



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

Pvrene

Concen: 5.775 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF118444.D

Acq: 2 Jan 2020 19:19

Instrument :

BNA_F

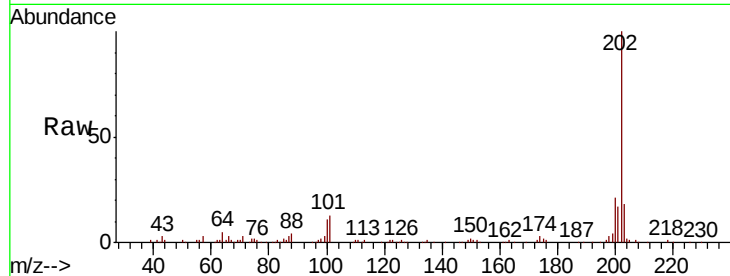
ClientSampleId :

GP-10-(10-12)

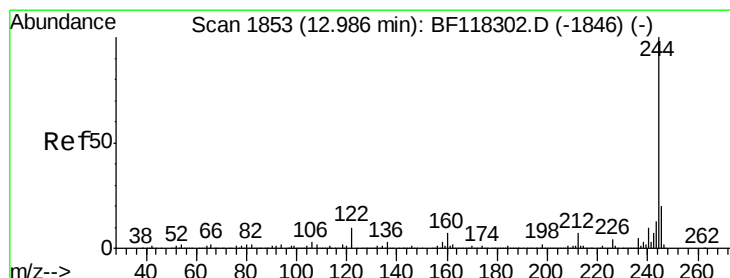
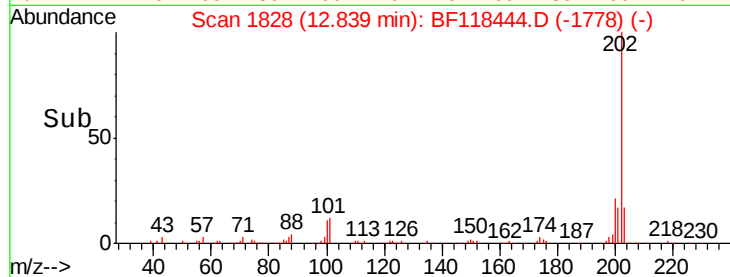
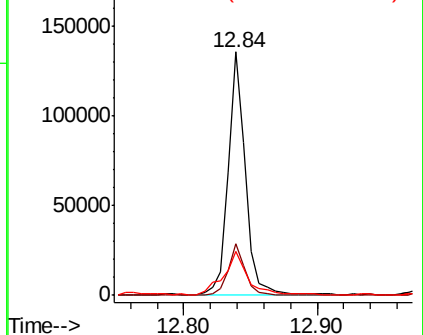
Tot Ion:	202	Resp:	125129
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.8	25.2
203	17.9	13.9	20.9

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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: 46.325 ng

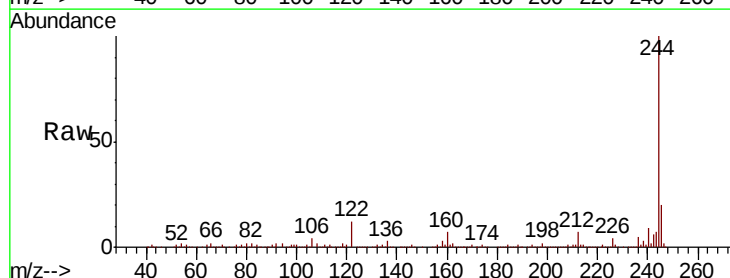
RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

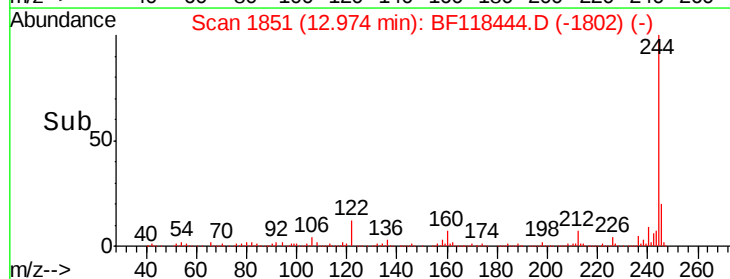
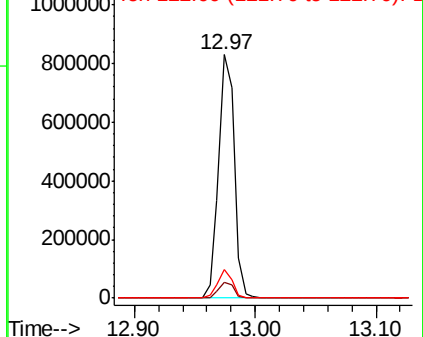
Lab File: BF118444.D

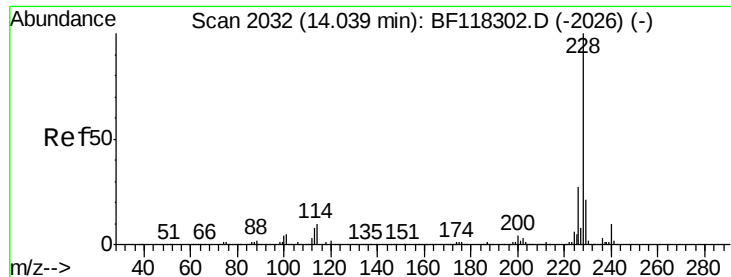
Acq: 2 Jan 2020 19:19

Tgt Ion:	244	Resp:	740904
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.2
122	11.7	7.8	11.8



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: 3.175 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118444.D

Acq: 2 Jan 2020 19:19

Instrument :

BNA_F

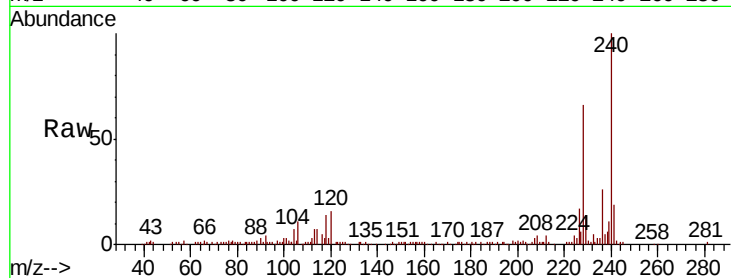
ClientSampleId :

GP-10-(10-12)

Tot Ion:	228	Resp:	58970
Ion Ratio	Lower	Upper	
228	100		
226	25.7	22.0	33.0
229	21.4	16.6	24.8

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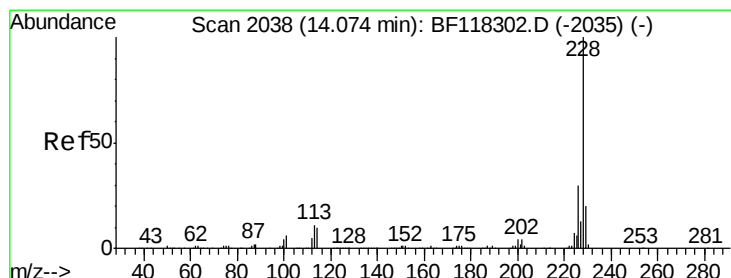
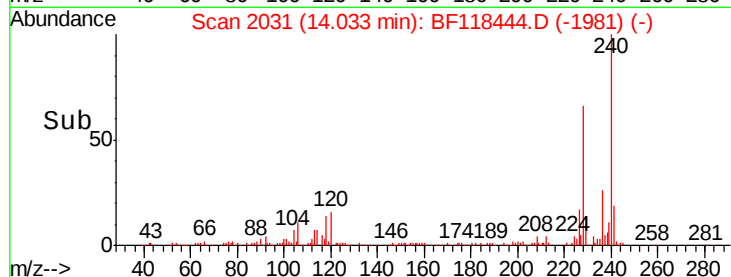
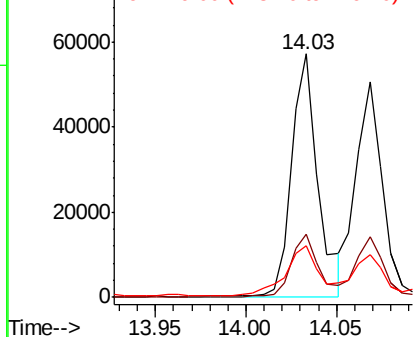


Abundance

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



#83

Chrysene

Concen: 2.955 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118444.D

Acq: 2 Jan 2020 19:19

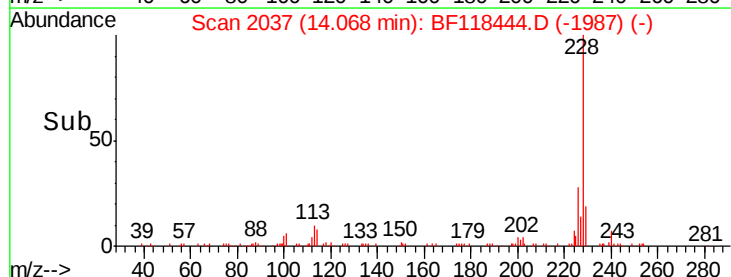
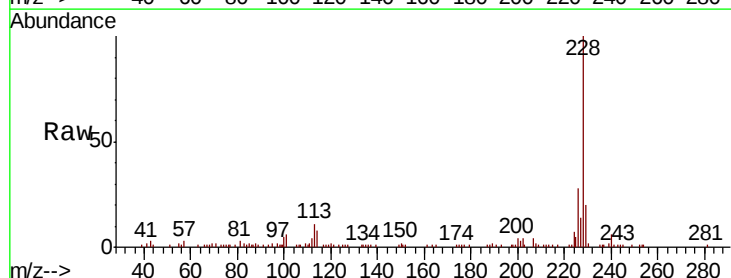
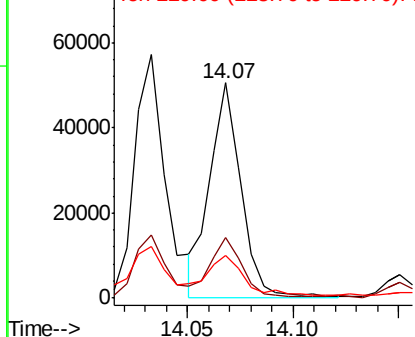
Tgt Ion:	228	Resp:	52551
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.9	35.9
229	20.0	16.1	24.1

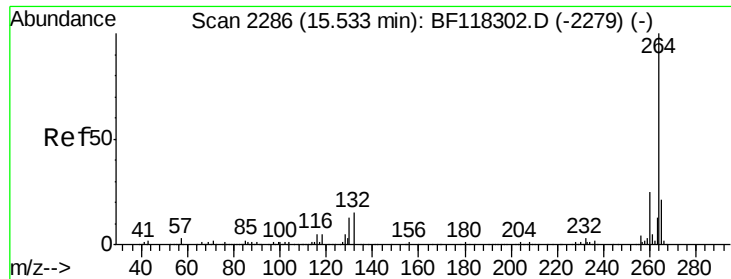
Abundance

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





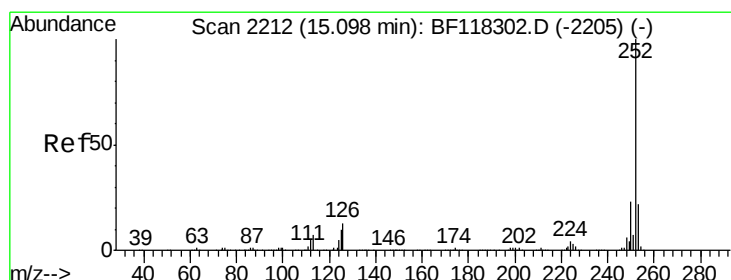
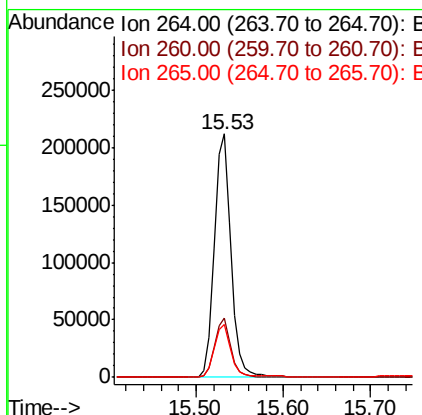
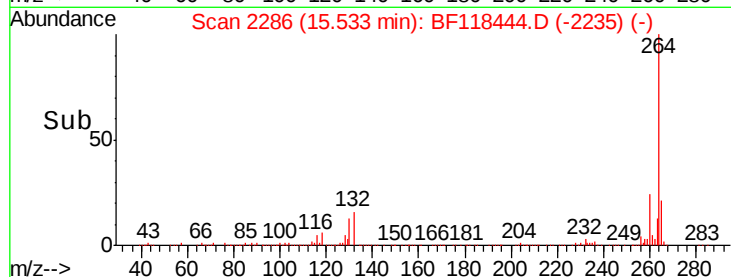
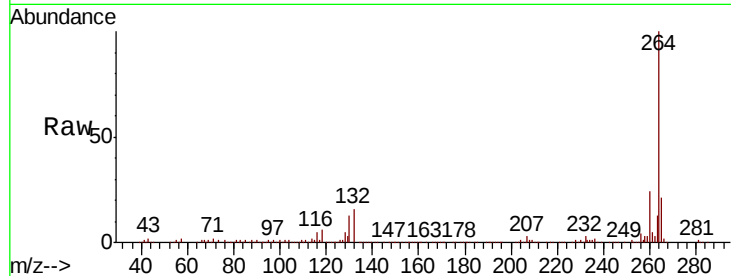
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118444.D
Acq: 2 Jan 2020 19:19

Instrument :
BNA_F
ClientSampleId :
GP-10-(10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.5	17.0	25.4

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#88
Benzo(b)fluoranthene
Concen: 2.141 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118444.D
Acq: 2 Jan 2020 19:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.5	26.3
125	12.5	7.7	11.5#

