

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118404.D
 Acq On : 31 Dec 2019 14:40
 Operator : JU
 Sample : K6465-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 1/2/2020 11:49:45 AM

Quant Time: Jan 01 00:52:40 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	81000	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	334268	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	190451	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	385355	20.00	ng	0.00
76) Chrysene-d12	14.05	240	253995	20.00	ng	0.00
87) Perylene-d12	15.55	264	229771	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	416893	87.86	ng	0.01
7) Phenol-d6	6.49	99	547497	93.01	ng	0.00
23) Nitrobenzene-d5	7.42	82	331909	56.79	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	192806	81.98	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	602937	48.33	ng	0.00
79) Terphenyl-d14	12.99	244	756146	49.39	ng	0.00
Target Compounds						
10) Phenol	6.50	94	20071	3.034	ng	Qvalue # 74
50) Dimethylphthalate	9.62	163	68040	4.759	ng	99
71) Phenanthrene	11.42	178	101354	4.825	ng	99
75) Fluoranthene	12.62	202	108444	5.115	ng	98
78) Pyrene	12.84	202	126921	6.119	ng	98
81) Benzo(a)anthracene	14.04	228	52975	2.980	ng	98
83) Chrysene	14.08	228	52758m	3.099	ng	
88) Benzo(b)fluoranthene	15.11	252	32057m	2.102	ng	

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

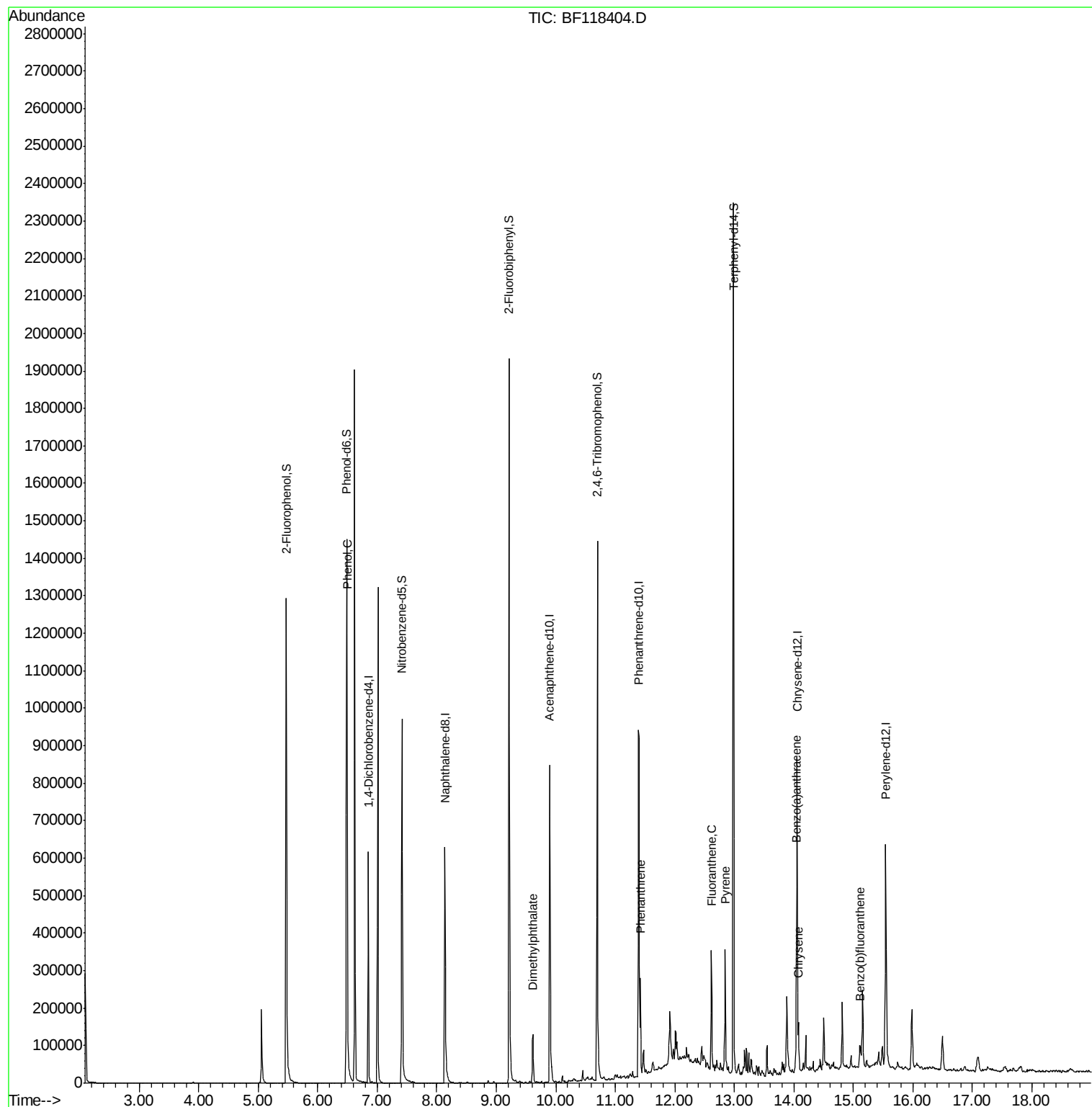
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118404.D
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ALS Vial : 7 Sample Multiplier: 1

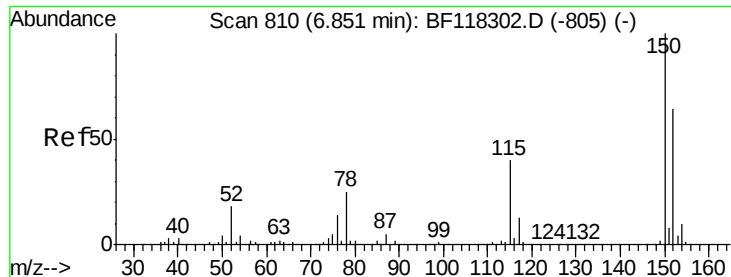
Instrument :
BNA_F
ClientSampleId :
GP-10-(10-12)

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Response via : Initial Calibration





#1

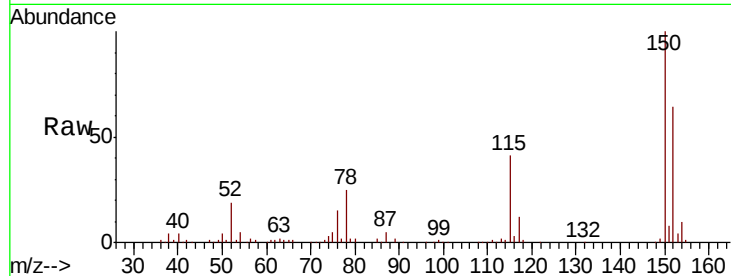
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118404.D
Acq: 31 Dec 2019 14:40

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.4	188.2
115	64.0	50.2	75.4

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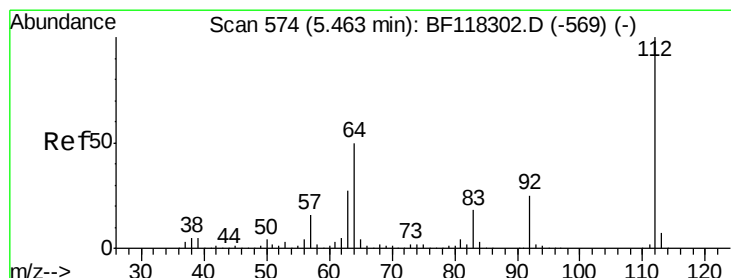
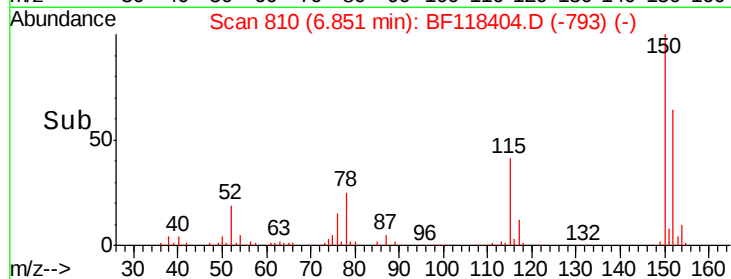
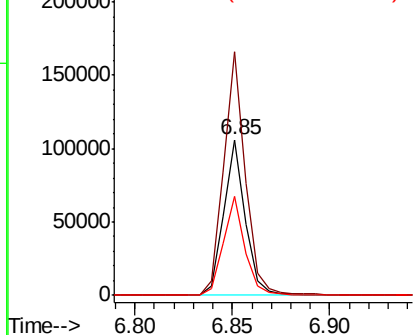


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

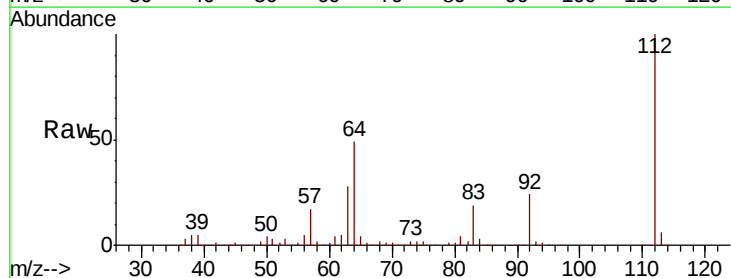
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.856 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118404.D
Acq: 31 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	39.7	59.5
63	28.2	21.7	32.5

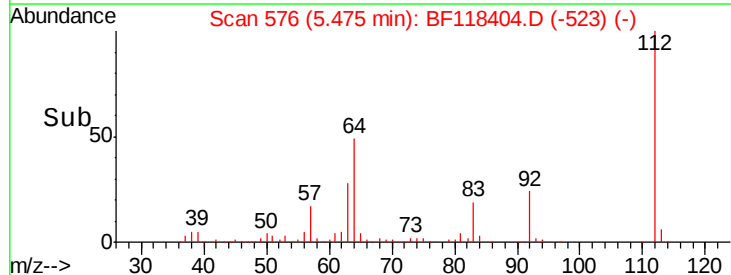
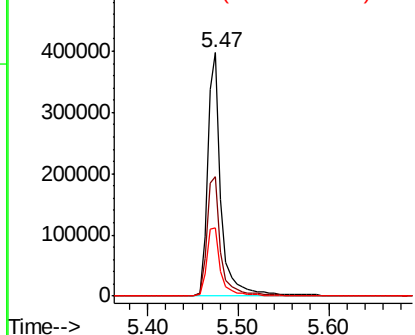


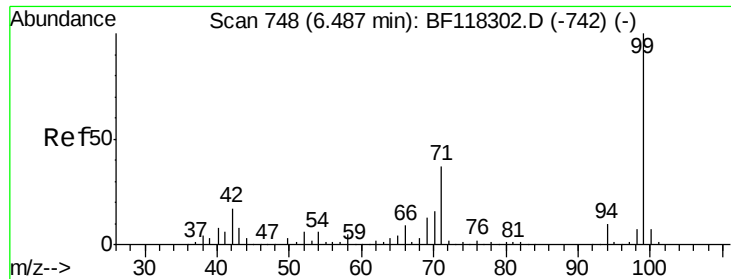
Abundance

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: 93.008 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118404.D

Acq: 31 Dec 2019 14:40

Instrument :

BNA_F

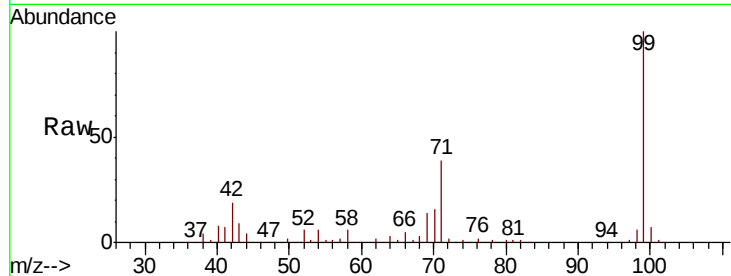
ClientSampleId :

GP-10-(10-12)

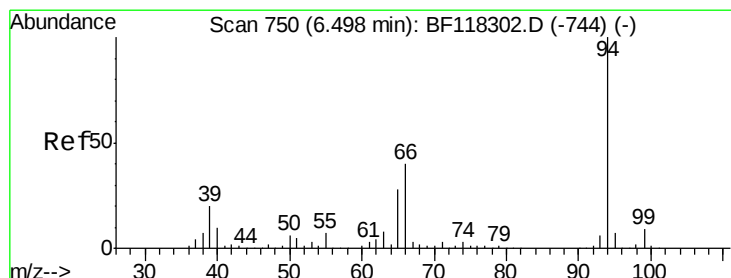
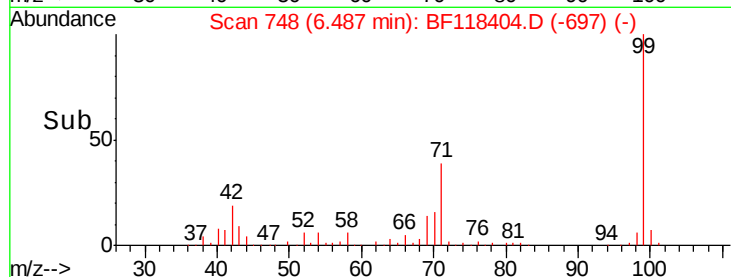
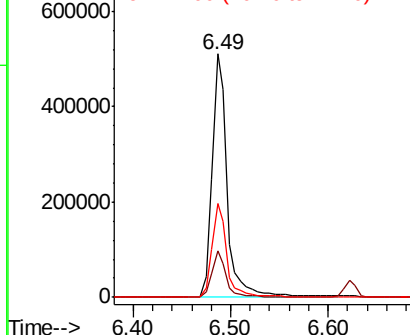
Tot Ion:	99	Resp:	547497
Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.5	20.3
71	38.5	29.4	44.2

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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



#10

Phenol

Concen: 3.034 ng

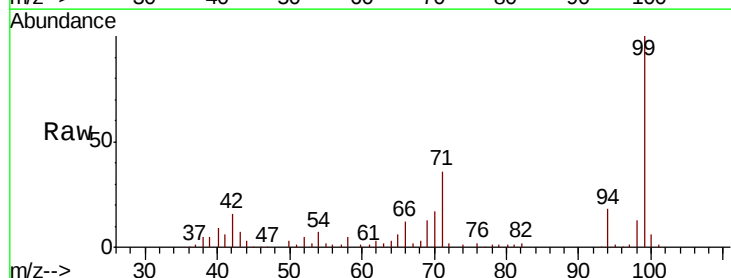
RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

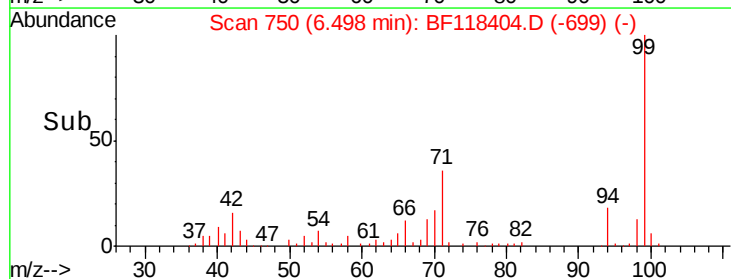
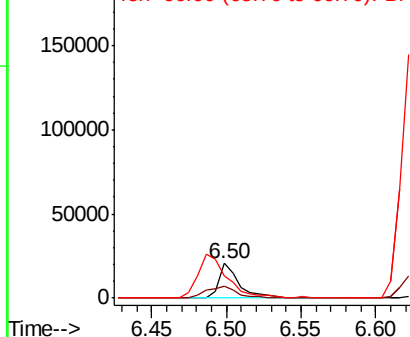
Lab File: BF118404.D

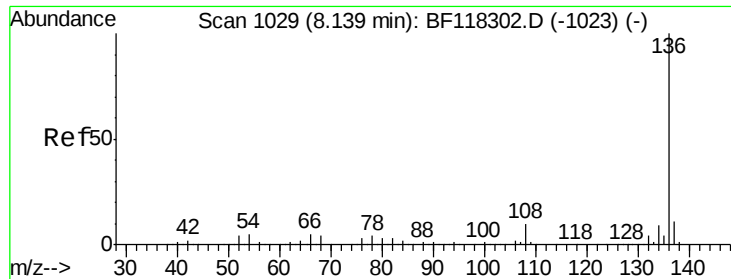
Acq: 31 Dec 2019 14:40

Tgt Ion:	94	Resp:	20071
Ion	Ratio	Lower	Upper
94	100		
65	33.4	7.8	47.8
66	63.2	20.4	60.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





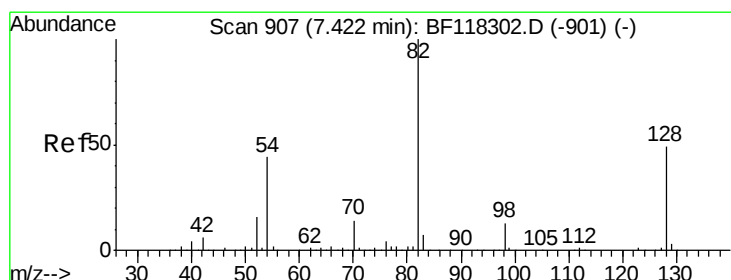
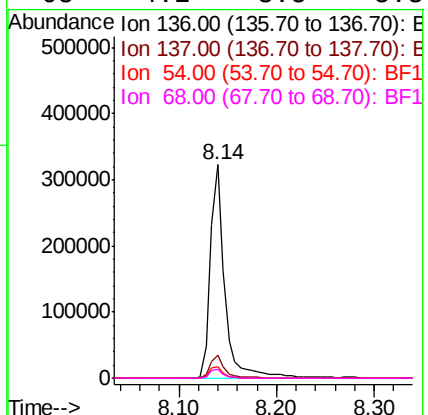
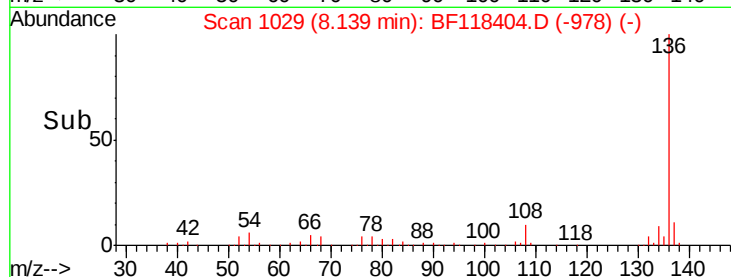
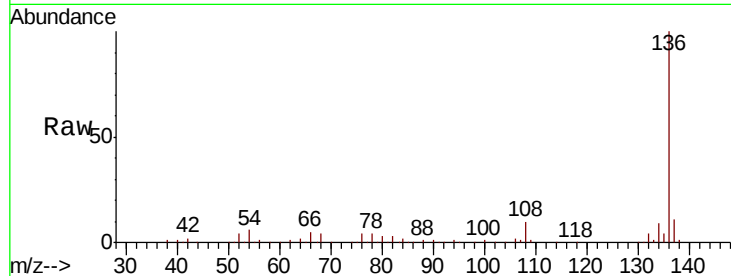
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118404.D
Acq: 31 Dec 2019 14:40

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	5.5	4.2	6.4	
68	4.2	3.5	5.3	

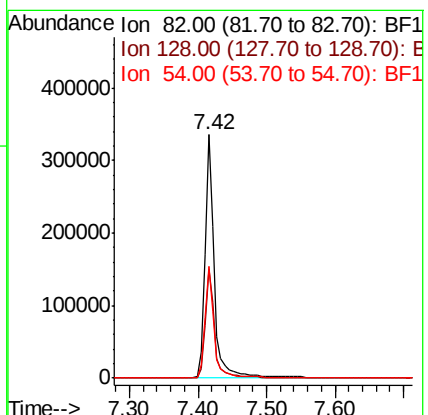
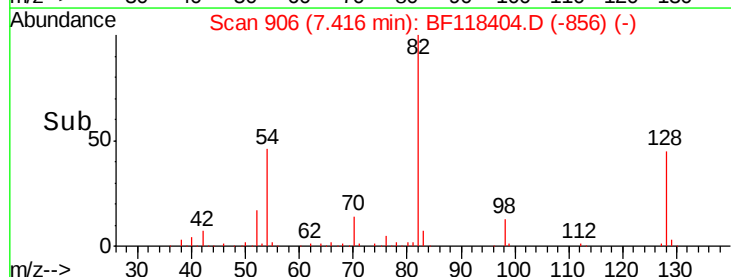
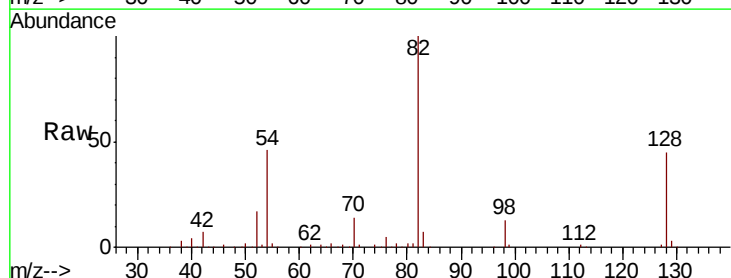
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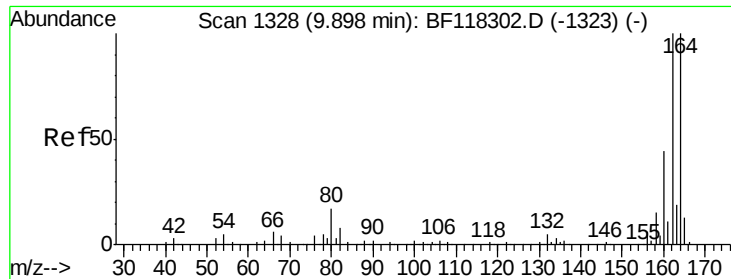
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#23
Nitrobenzene-d5
Concen: 56.791 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118404.D
Acq: 31 Dec 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	39.6	59.4	
54	46.1	34.9	52.3	





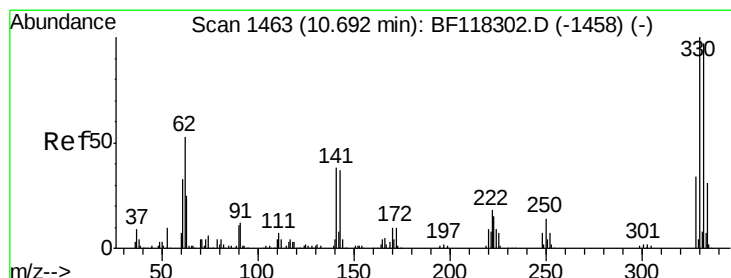
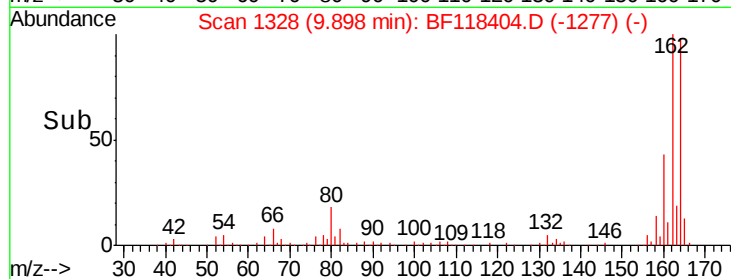
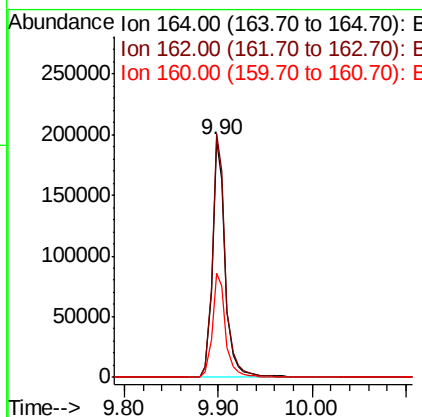
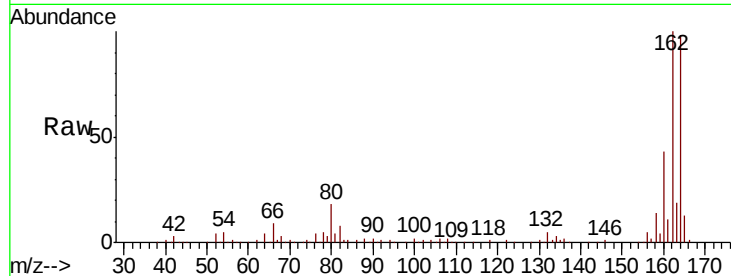
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118404.D
Acq: 31 Dec 2019 14:40

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.0	120.0
160	43.7	34.8	52.2

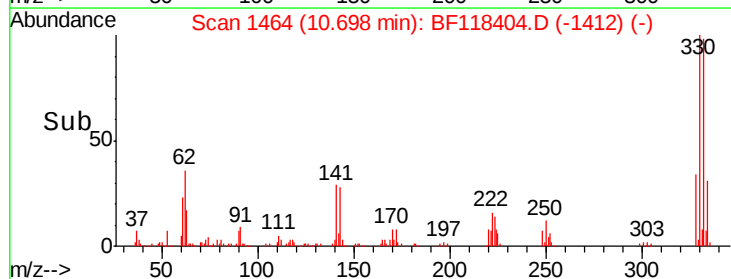
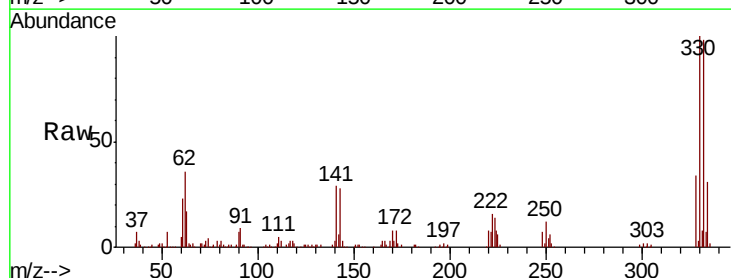
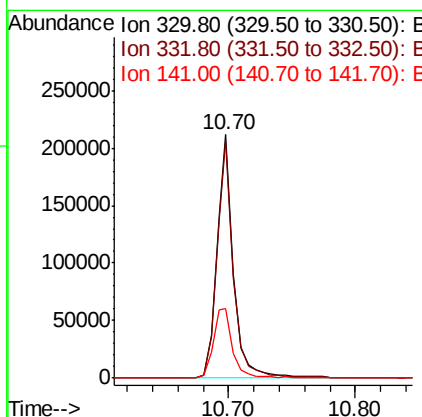
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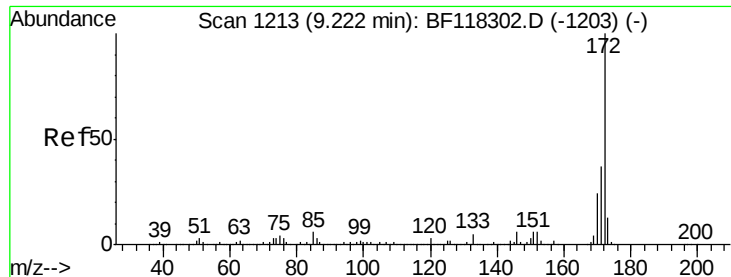
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#42
2,4,6-Tribromophenol
Concen: 81.978 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118404.D
Acq: 31 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	34.4	26.0	39.0





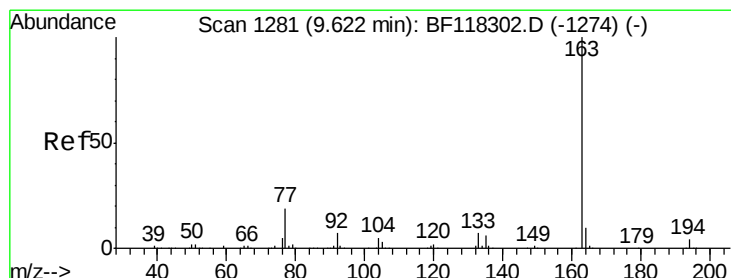
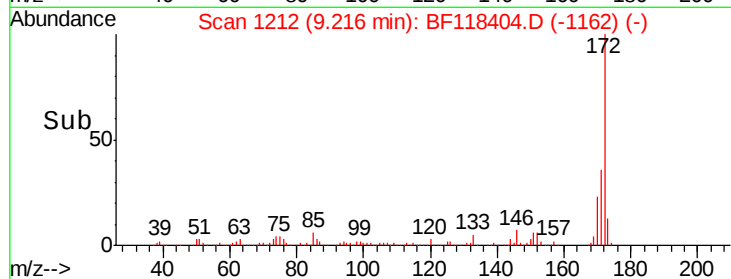
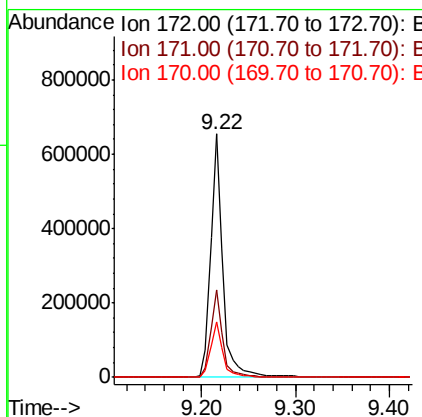
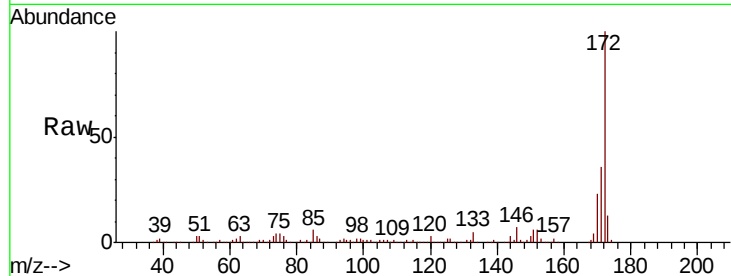
#45
2-Fluorobiphenyl
Concen: 48.326 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118404.D
Acq: 31 Dec 2019 14:40

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	22.8	19.2	28.8

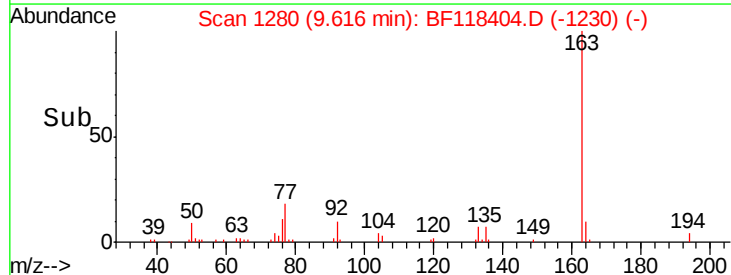
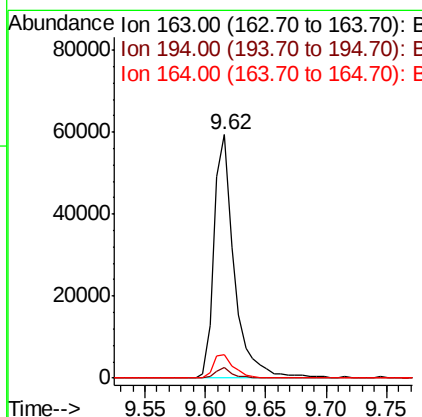
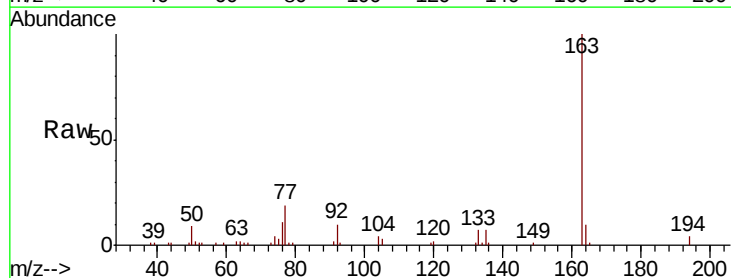
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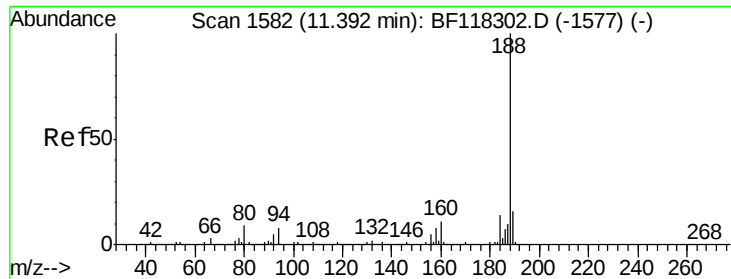
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#50
Dimethylphthalate
Concen: 4.759 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118404.D
Acq: 31 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.7	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118404.D

Acq: 31 Dec 2019 14:40

Instrument :

BNA_F

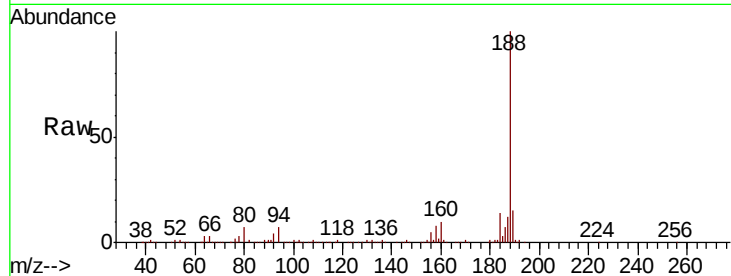
ClientSampleId :

GP-10-(10-12)

Tot Ion:	188	Resp:	385355
Ion Ratio	Lower	Upper	
188	100		
94	7.0	6.7	10.1
80	7.2	7.2	10.8

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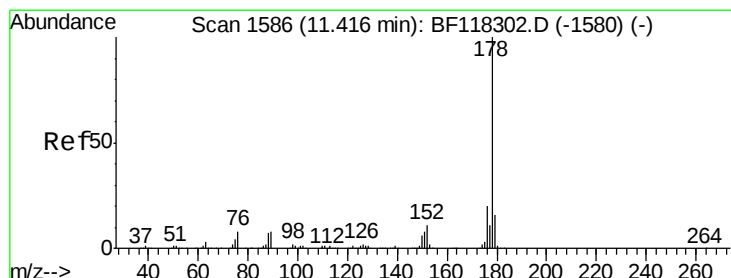
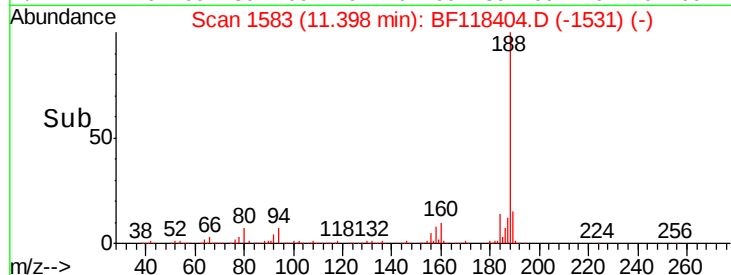
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.40

Time-->



#71

Phenanthrene

Concen: 4.825 ng

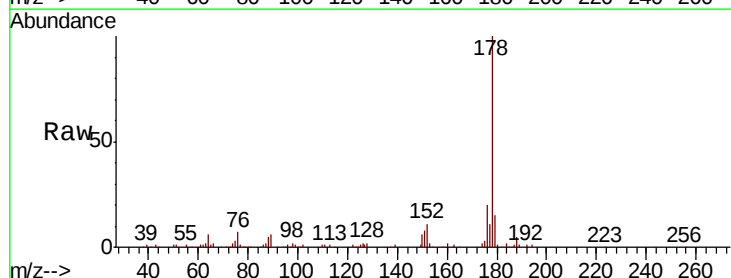
RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118404.D

Acq: 31 Dec 2019 14:40

Tgt Ion:	178	Resp:	101354
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.6	23.4
179	14.7	12.6	19.0



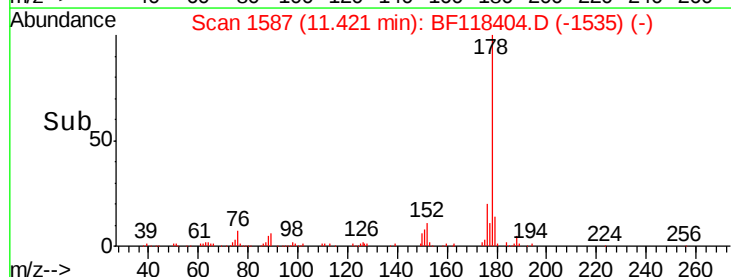
Abundance Ion 178.00 (177.70 to 178.70): E

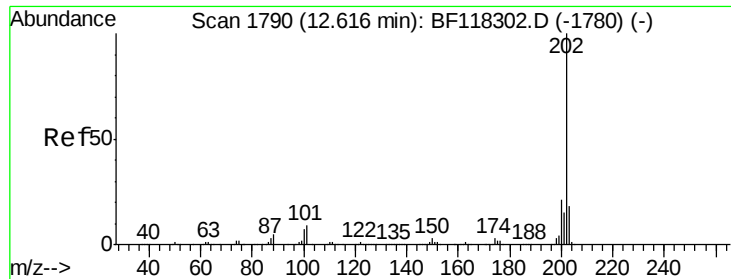
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.42

Time-->





#75

Fluoranthene

Concen: 5.115 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF118404.D

Acq: 31 Dec 2019 14:40

Instrument :

BNA_F

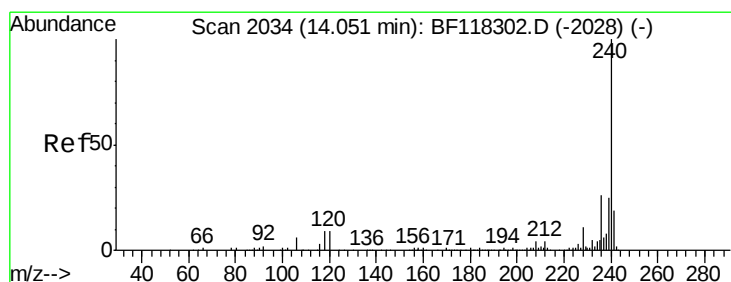
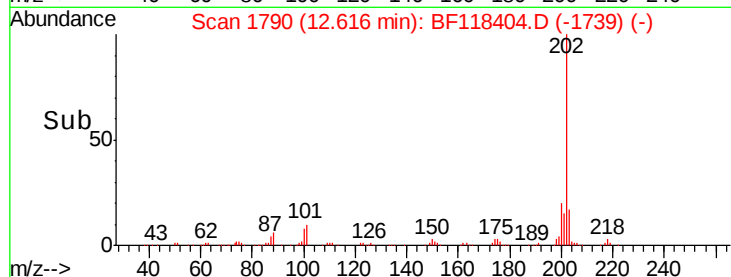
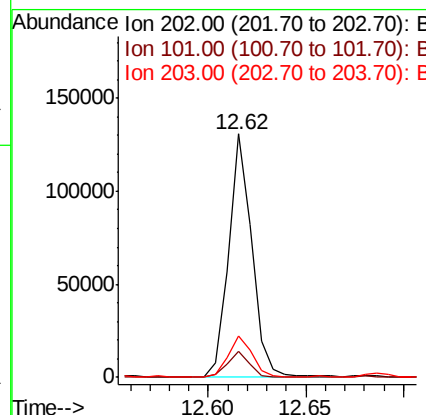
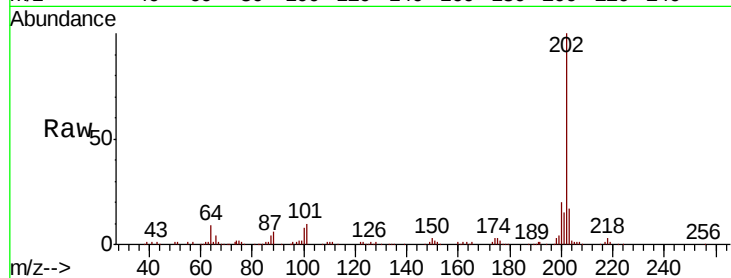
ClientSampleId :

GP-10-(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	108444		
101	10.5	0.0	29.5	
203	17.0	0.0	37.6	

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#76

Chrysene-d12

Concen: 20.000 ng

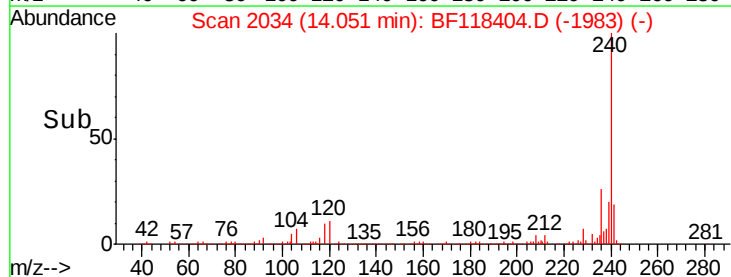
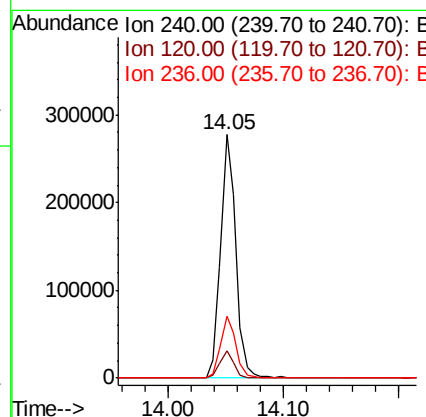
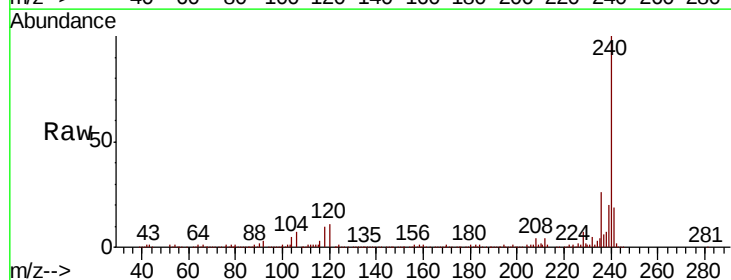
RT: 14.05 min Scan# 2034

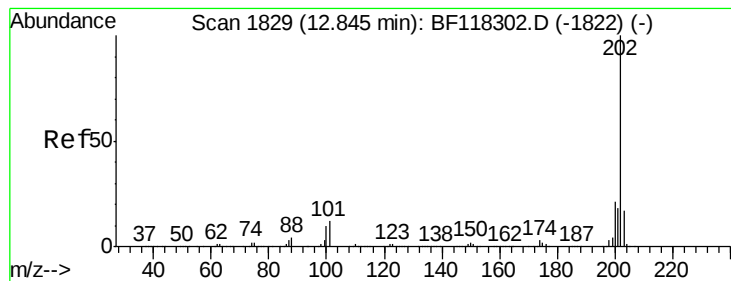
Delta R.T. -0.00 min

Lab File: BF118404.D

Acq: 31 Dec 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	253995		
120	11.0	7.1	10.7#	
236	25.6	21.0	31.6	





#78

Pvrene

Concen: 6.119 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF118404.D

Acq: 31 Dec 2019 14:40

Instrument :

BNA_F

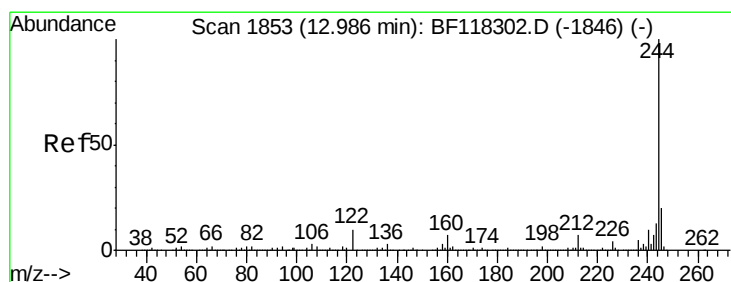
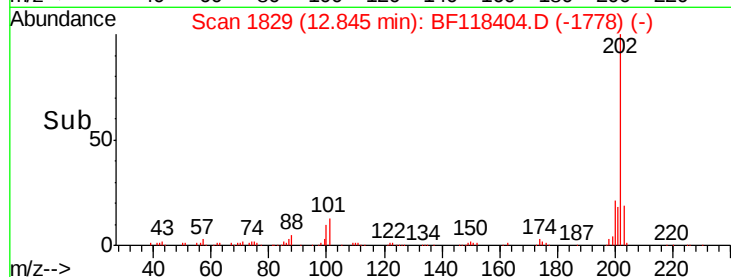
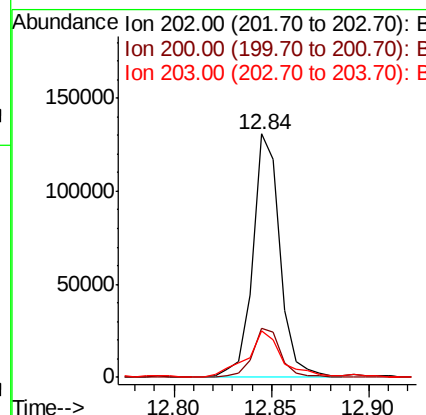
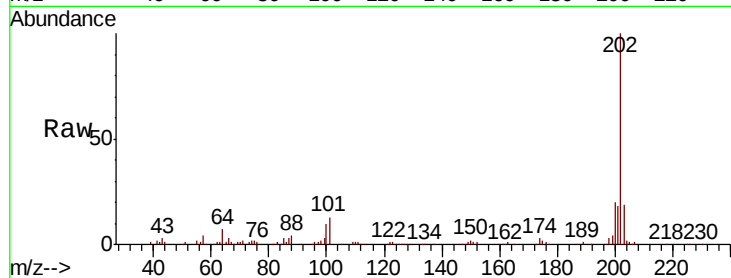
ClientSampleId :

GP-10-(10-12)

Tot Ion:	202	Resp:	126921
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.8	25.2
203	19.0	13.9	20.9

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#79

Terphenyl-d14

Concen: 49.389 ng

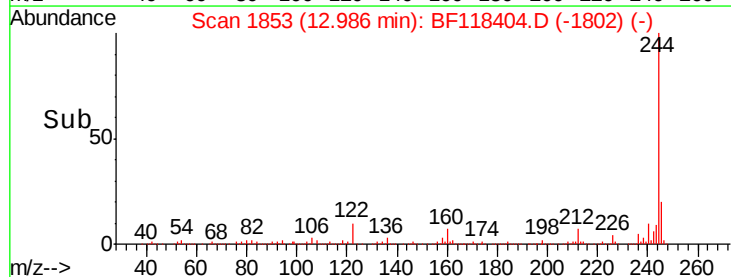
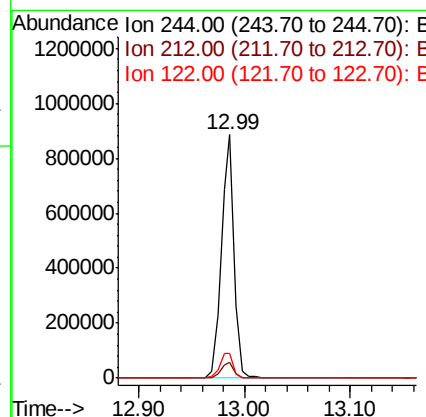
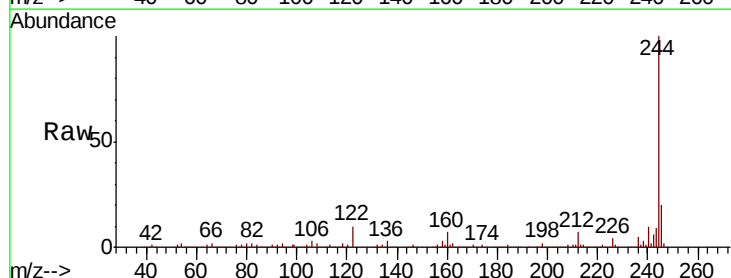
RT: 12.99 min Scan# 1853

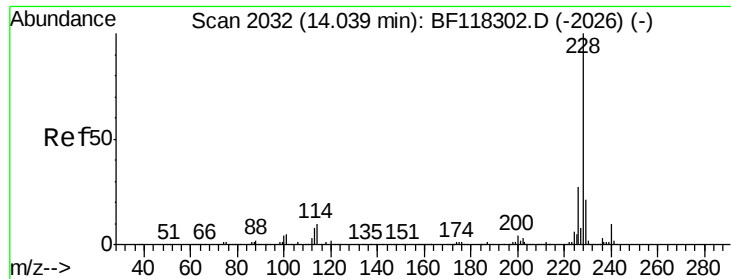
Delta R.T. -0.00 min

Lab File: BF118404.D

Acq: 31 Dec 2019 14:40

Tgt Ion:	244	Resp:	756146
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.2
122	9.9	7.8	11.8





#81

Benzo(a)anthracene

Concen: 2.980 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF118404.D

Acq: 31 Dec 2019 14:40

Instrument :

BNA_F

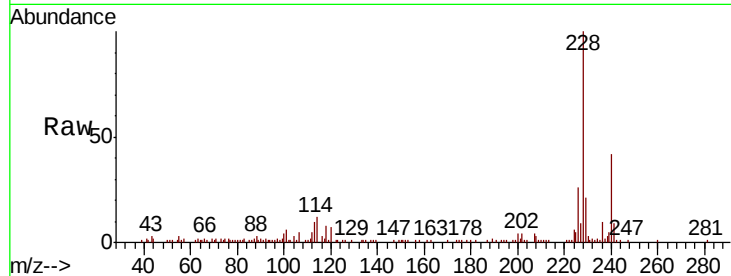
ClientSampleId :

GP-10-(10-12)

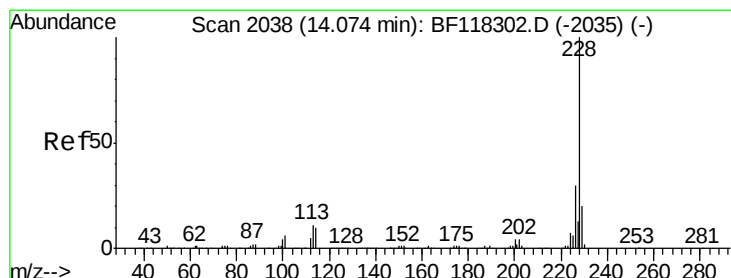
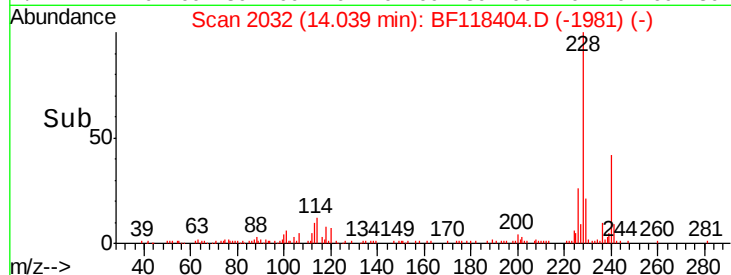
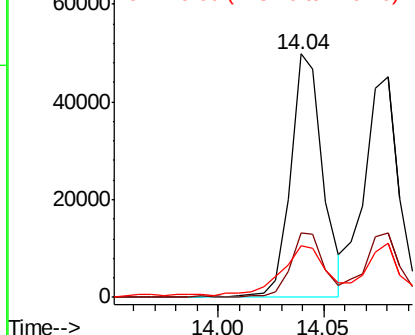
Tot Ion:	228	Resp:	52975
Ion Ratio	Lower	Upper	
228	100		
226	26.3	22.0	33.0
229	21.3	16.6	24.8

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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: 3.099 ng m

RT: 14.08 min Scan# 2039

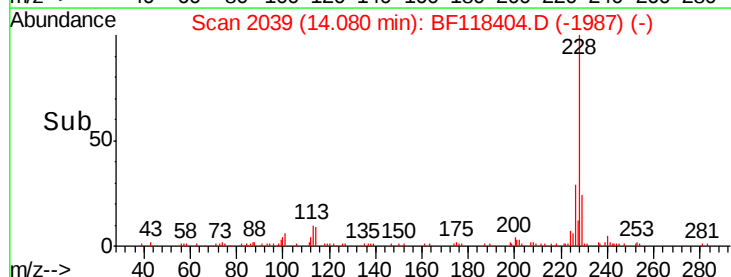
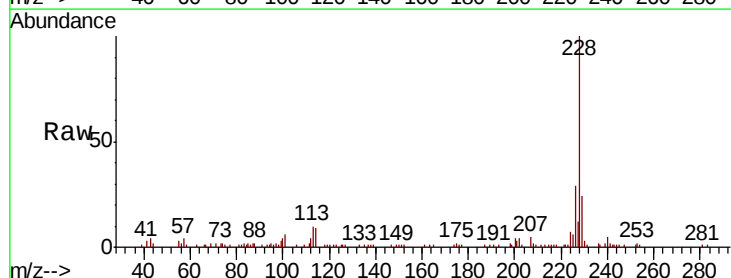
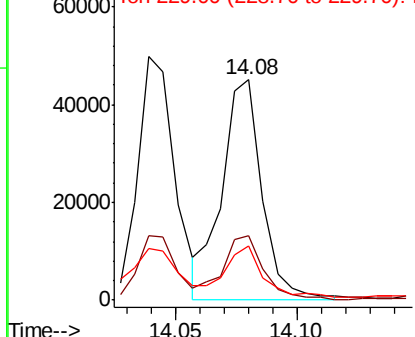
Delta R.T. 0.01 min

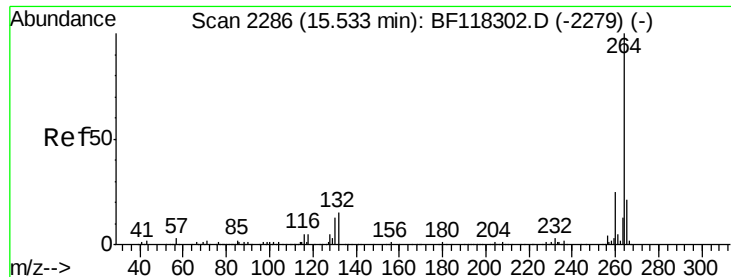
Lab File: BF118404.D

Acq: 31 Dec 2019 14:40

Tgt Ion:	228	Resp:	52758
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.9	35.9
229	24.4	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





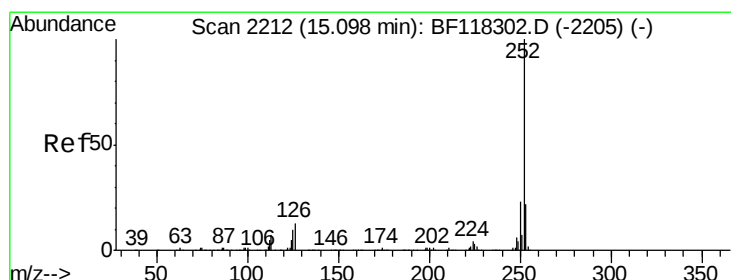
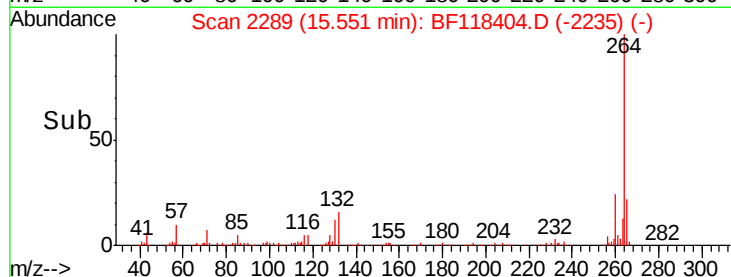
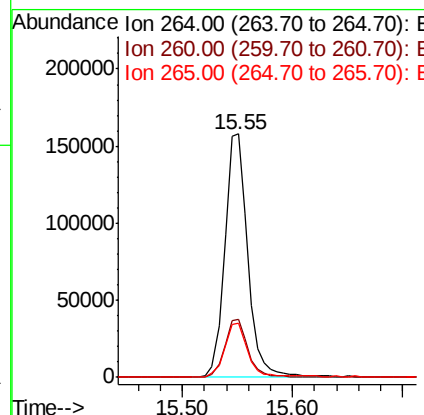
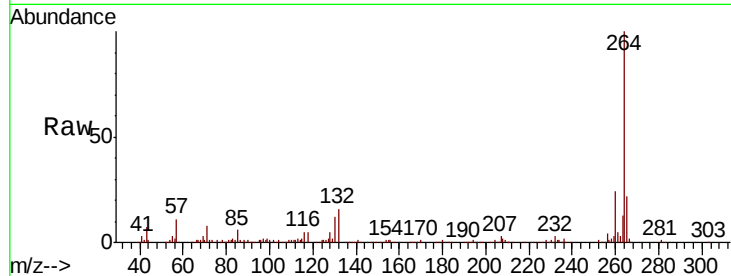
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118404.D
Acq: 31 Dec 2019 14:40

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	22.0	17.0	25.4

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#88
Benzo(b)fluoranthene
Concen: 2.102 ng m
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118404.D
Acq: 31 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	11.5	7.7	11.5#

