

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118417.D
 Acq On : 31 Dec 2019 20:48
 Operator : JU
 Sample : K6463-01RE 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-6-(1-3)RE

Manual Integrations
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Quant Time: Jan 01 03:12:12 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	72614	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	273400	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	140538	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	224511	20.00	ng	0.00
76) Chrysene-d12	14.05	240	164908	20.00	ng	0.00
87) Perylene-d12	15.55	264	172810	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	199920	47.00	ng	0.00
7) Phenol-d6	6.49	99	265677	50.35	ng	0.00
23) Nitrobenzene-d5	7.42	82	164334	34.38	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	85050	49.00	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	303271	32.94	ng	0.00
79) Terphenyl-d14	12.99	244	279838	28.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	28399	2.692	ng	Qvalue # 95
71) Phenanthrene	11.42	178	66162	5.406	ng	98
75) Fluoranthene	12.62	202	101624	8.227	ng	99
78) Pyrene	12.85	202	92057	6.836	ng	99
81) Benzo(a)anthracene	14.04	228	44001	3.812	ng	95
83) Chrysene	14.08	228	35513	3.213	ng	96
88) Benzo(b)fluoranthene	15.11	252	48433m	4.222	ng	
90) Benzo(a)pyrene	15.49	252	33685	3.333	ng	96
92) Benzo(g,h,i)perylene	17.54	276	18011	2.126	ng	# 92

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

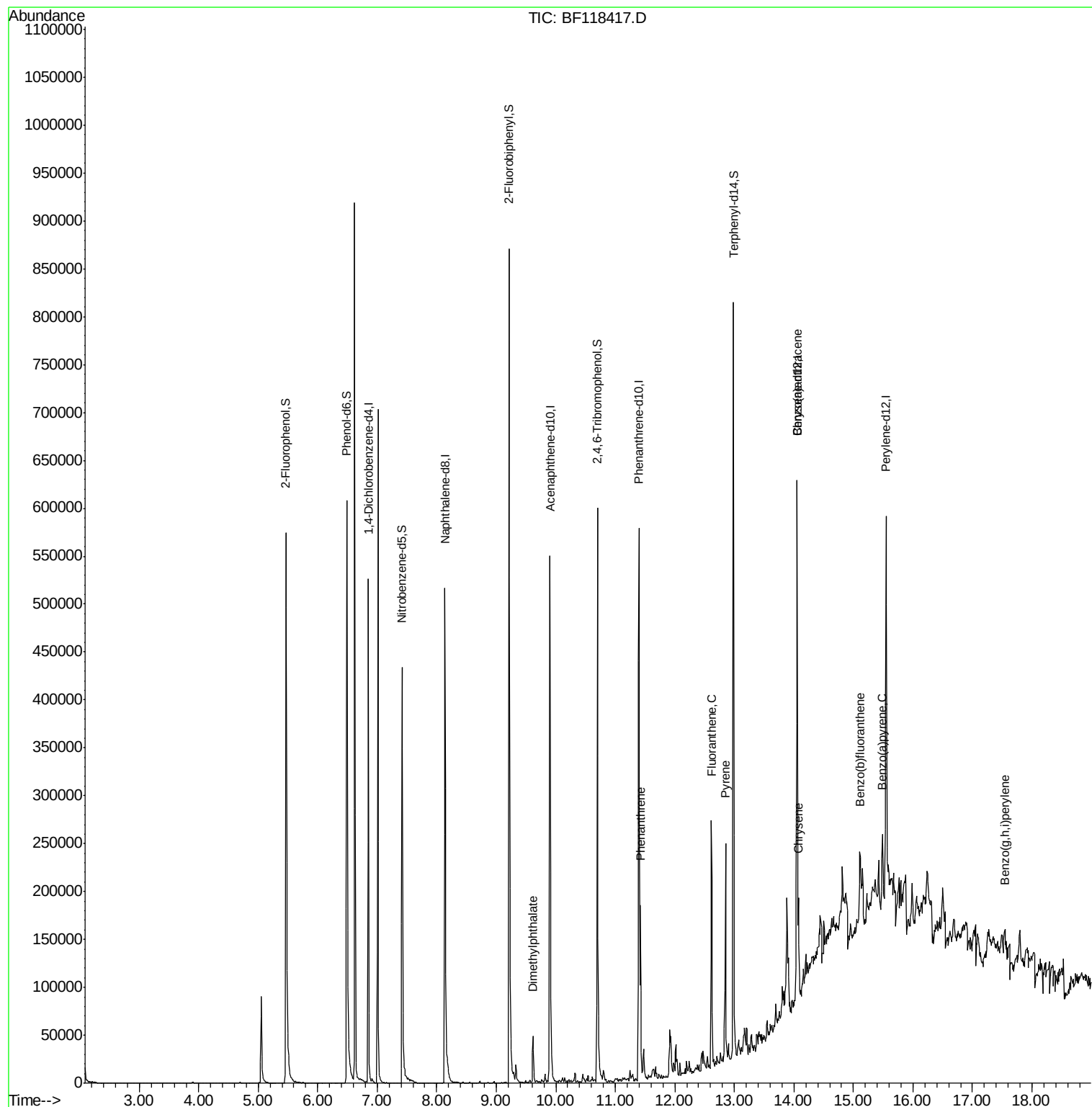
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118417.D
Acq On : 31 Dec 2019 20:48
Operator : JU
Sample : K6463-01RE 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

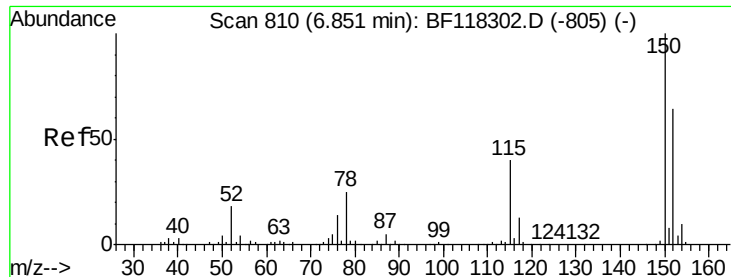
Instrument :
BNA_F
ClientSampleId :
GP-6-(1-3)RE

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Quant Time: Jan 01 03:12:12 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

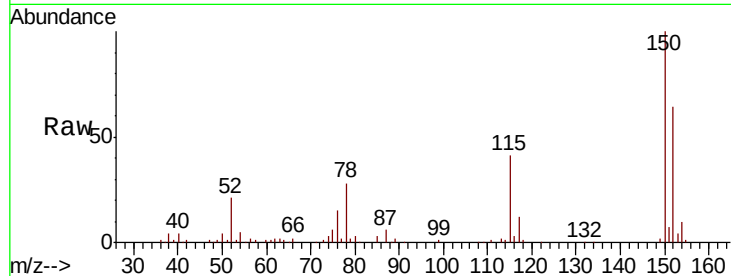
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :
GP-6-(1-3)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.4	188.2
115	63.7	50.2	75.4

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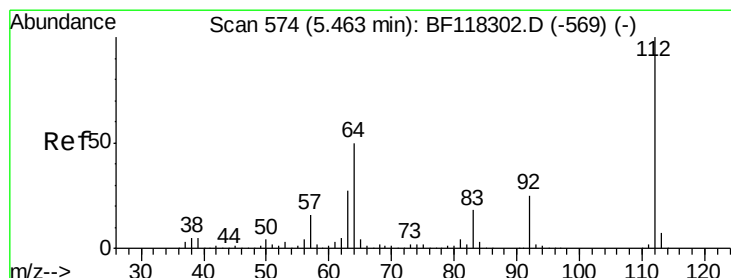
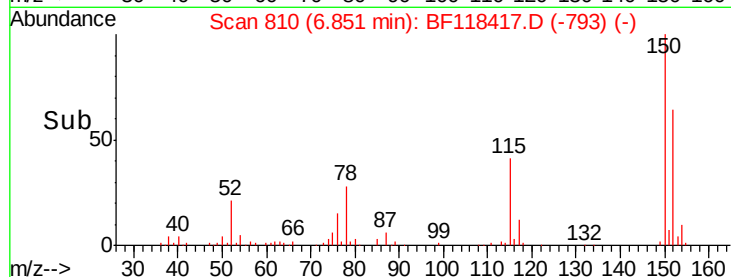
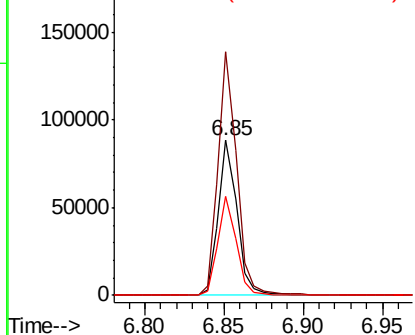


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

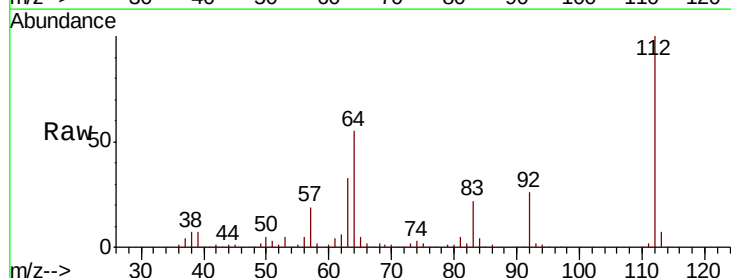
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.997 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	39.7	59.5
63	32.7	21.7	32.5

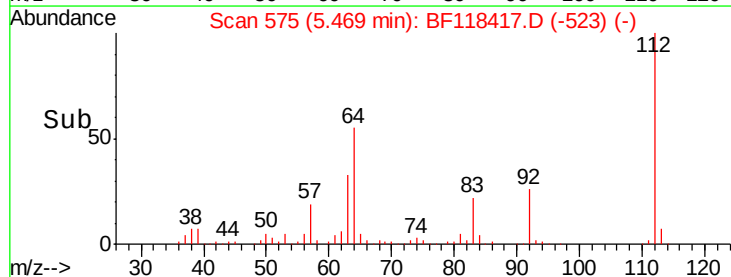
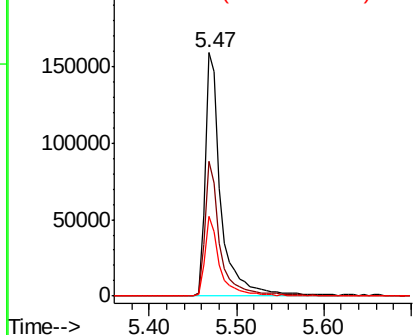


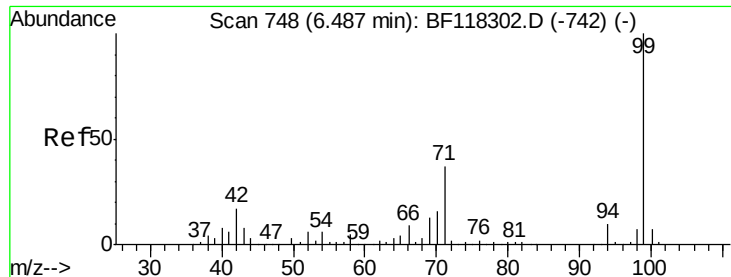
Abundance

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: 50.345 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118417.D

Acq: 31 Dec 2019 20:48

Instrument :

BNA_F

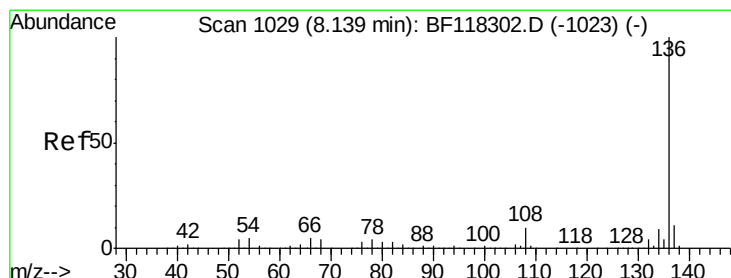
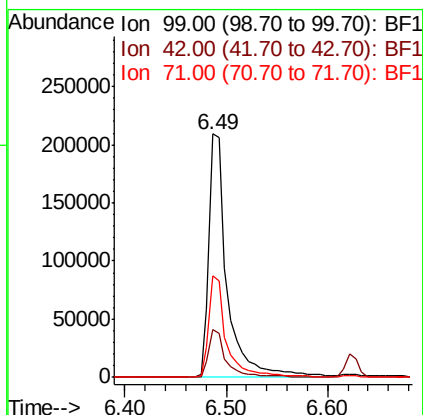
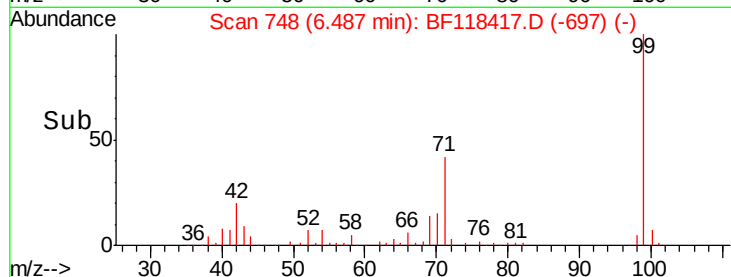
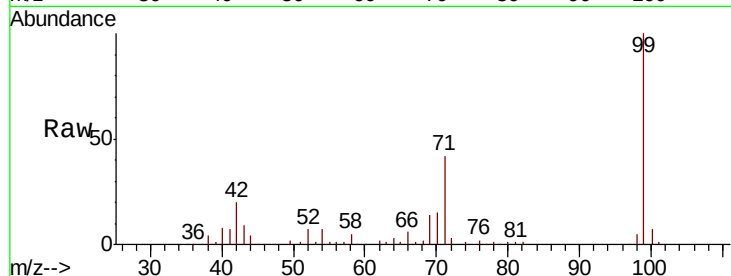
ClientSampleId :

GP-6-(1-3)RE

Tot Ion:	99	Resp:	265677
Ion Ratio	Lower	Upper	
99	100		
42	19.7	13.5	20.3
71	41.5	29.4	44.2

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#21

Naphthalene-d8

Concen: 20.000 ng

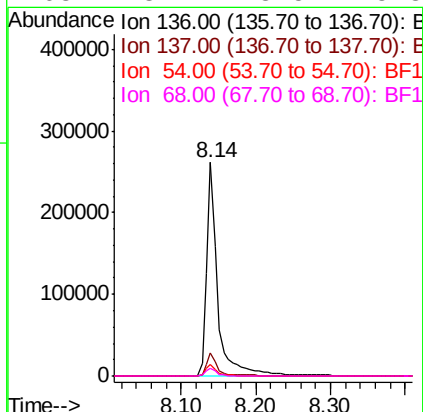
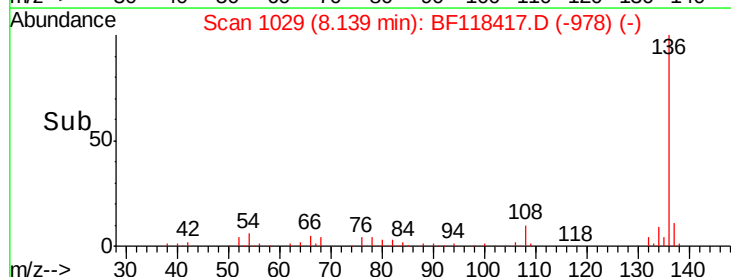
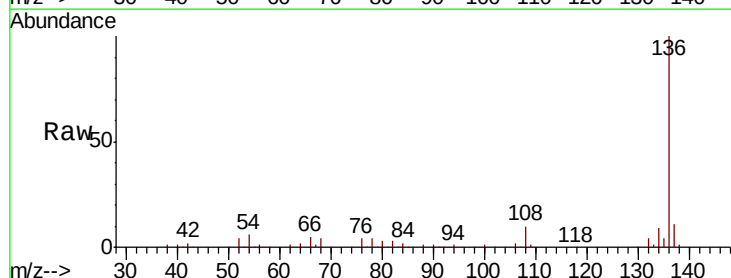
RT: 8.14 min Scan# 1029

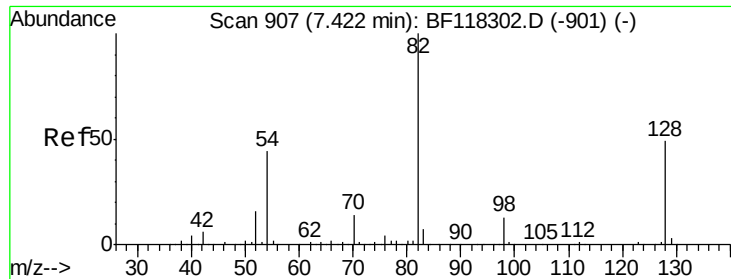
Delta R.T. 0.00 min

Lab File: BF118417.D

Acq: 31 Dec 2019 20:48

Tgt Ion:	136	Resp:	273400
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	5.7	4.2	6.4
68	3.7	3.5	5.3





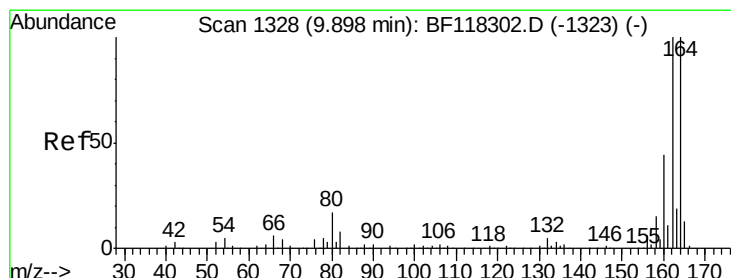
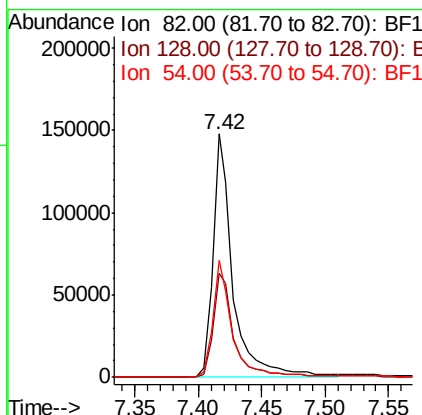
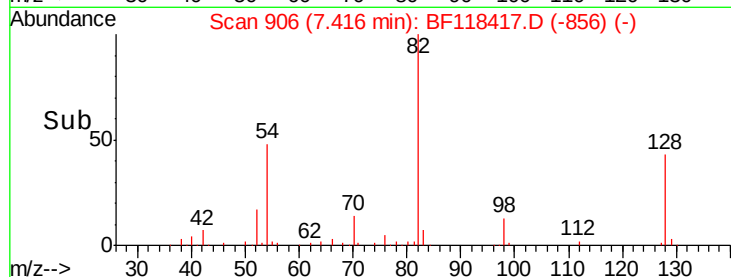
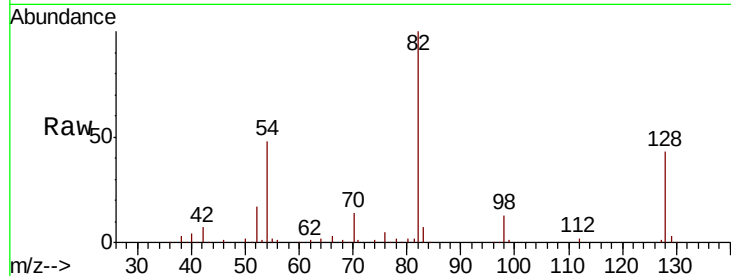
#23
Nitrobenzene-d5
Concen: 34.378 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :
GP-6-(1-3)RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	39.6	59.4
54	48.1	34.9	52.3

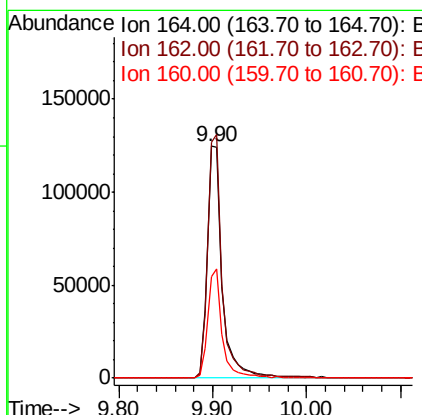
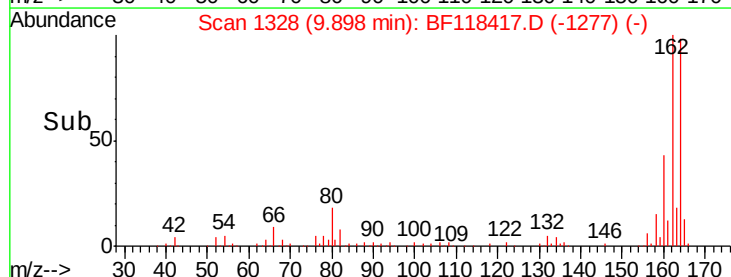
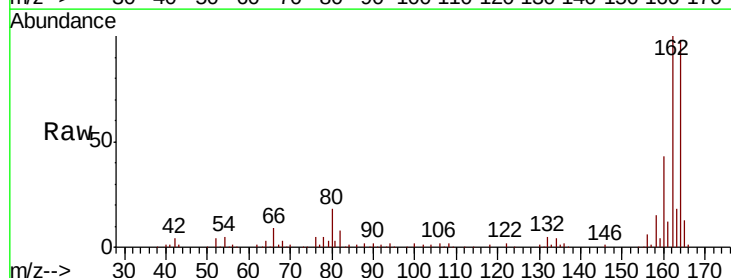
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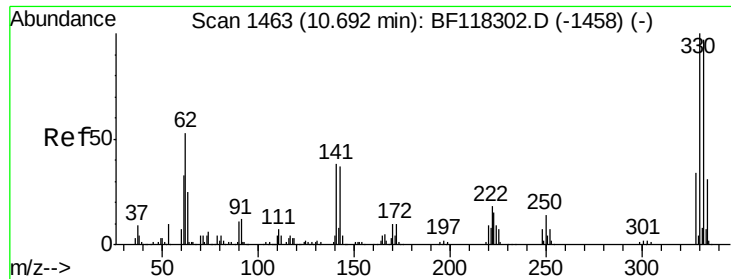
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.0	120.0
160	43.5	34.8	52.2





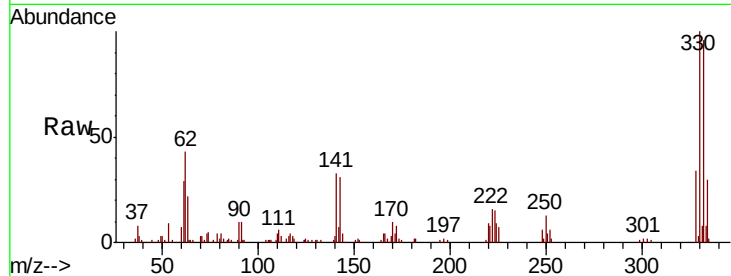
#42
 2,4,6-Tribromophenol
 Concen: 49.005 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118417.D
 Acq: 31 Dec 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :
 GP-6-(1-3)RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	34.3	26.0	39.0

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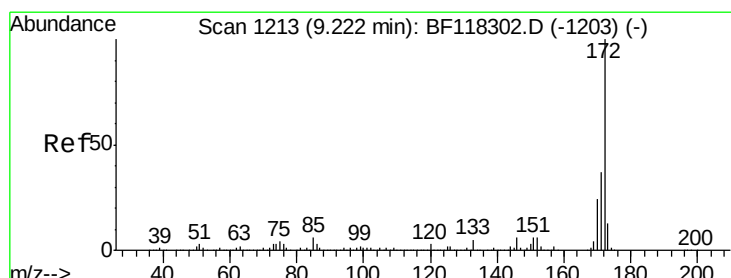
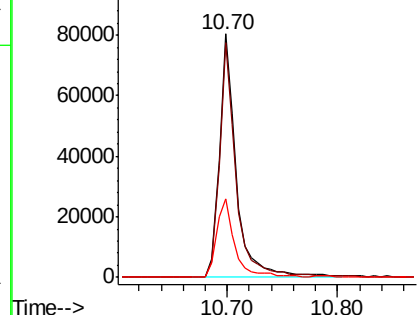
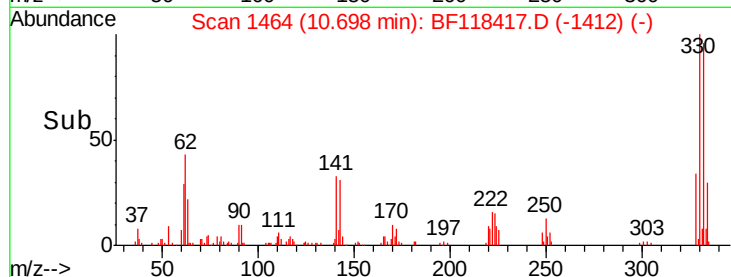


Abundance

Ion 329.80 (329.50 to 330.50): E

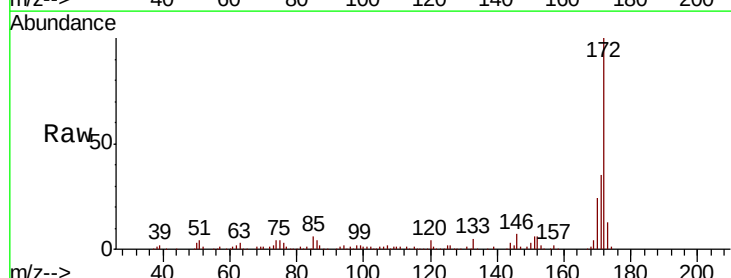
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 32.940 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118417.D
 Acq: 31 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.3	43.9
170	23.7	19.2	28.8

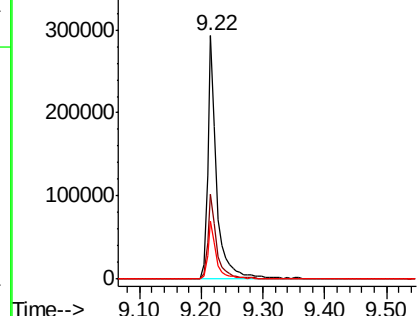
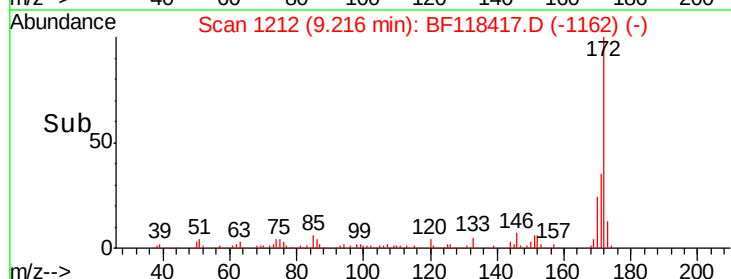


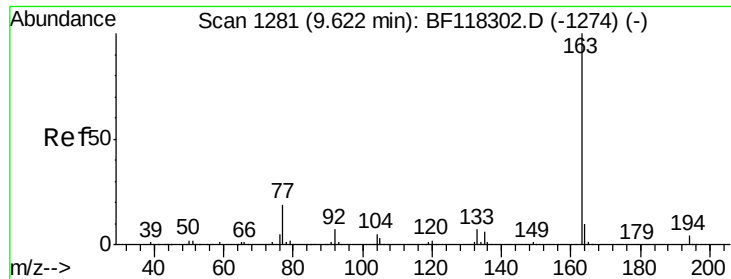
Abundance

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





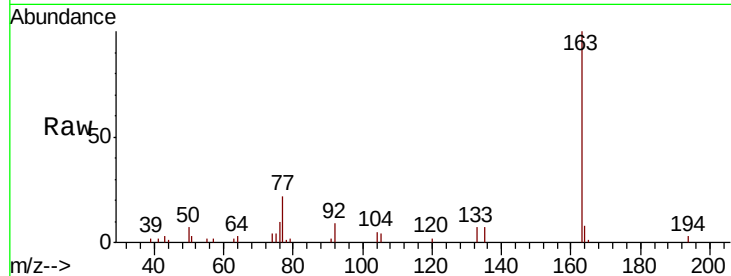
#50
Dimethylphthalate
Concen: 2.692 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :
GP-6-(1-3)RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.2	4.8
164	7.9	7.9	11.9#

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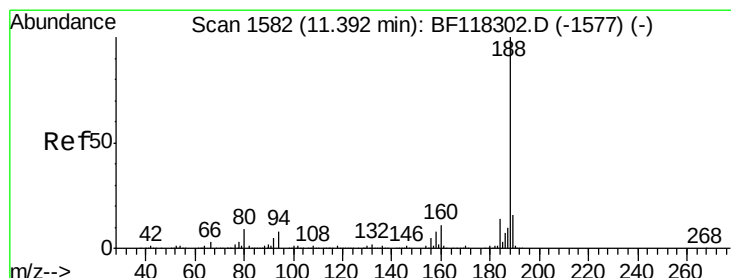
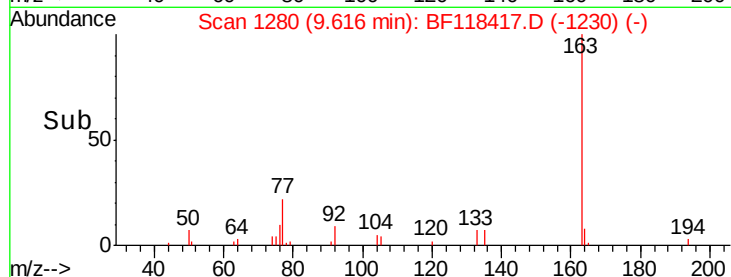
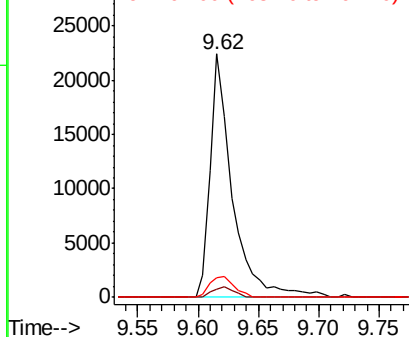


Abundance

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: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

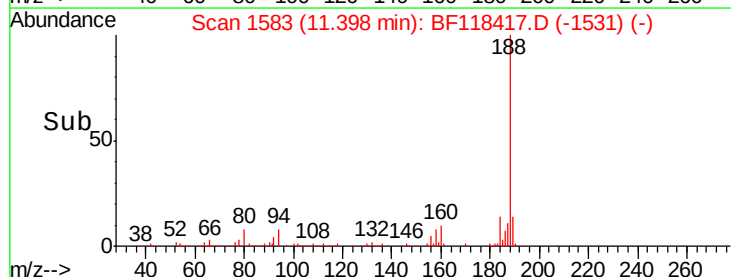
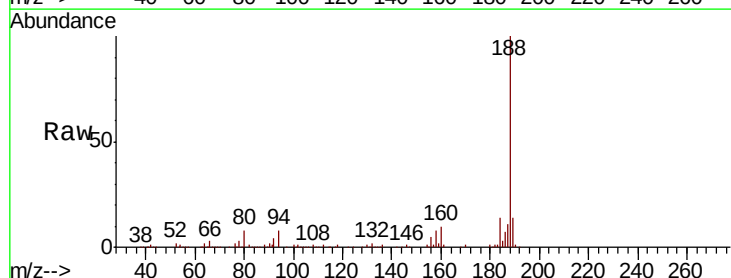
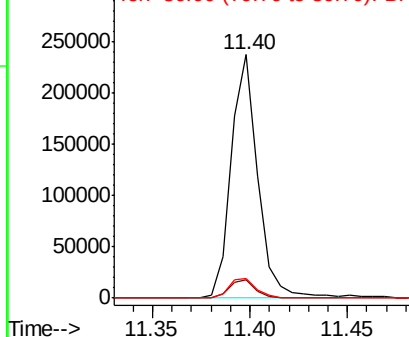
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	7.8	7.2	10.8

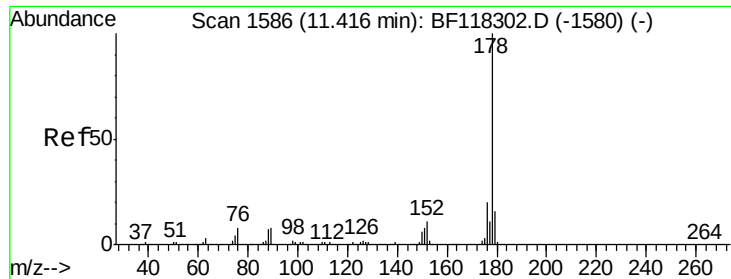
Abundance

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





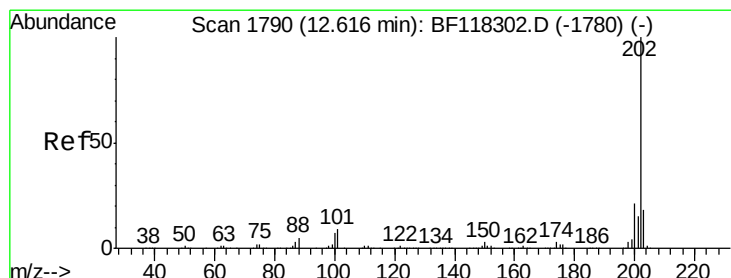
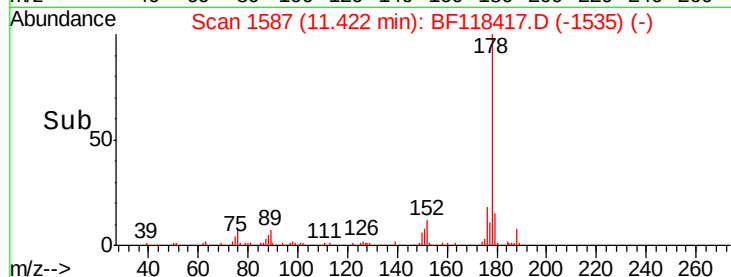
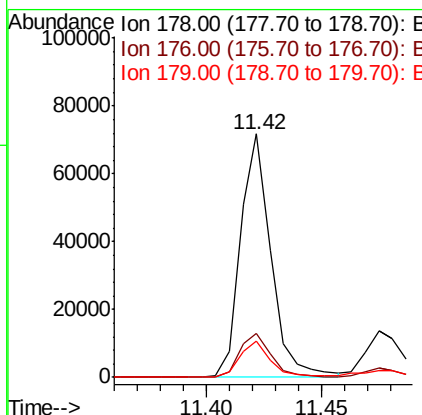
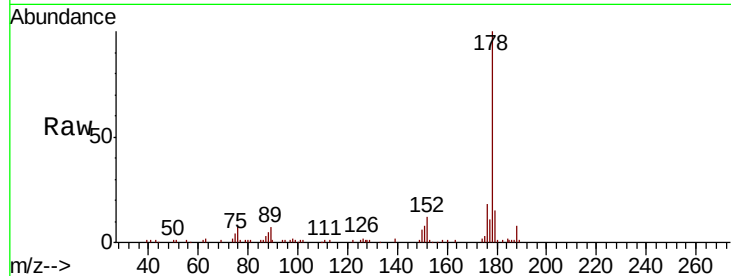
#71
 Phenanthrene
 Concen: 5.406 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF118417.D
 Acq: 31 Dec 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :
 GP-6-(1-3)RE

Tot Ion:	178	Resp:	66162
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.6	23.4
179	14.9	12.6	19.0

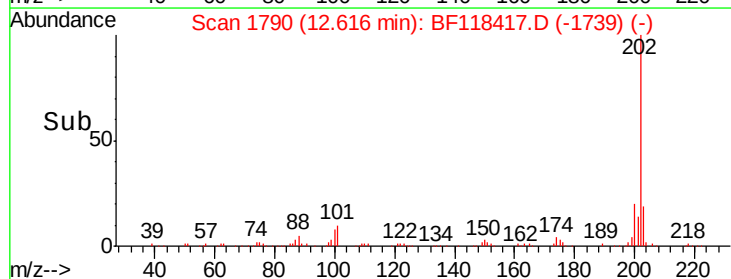
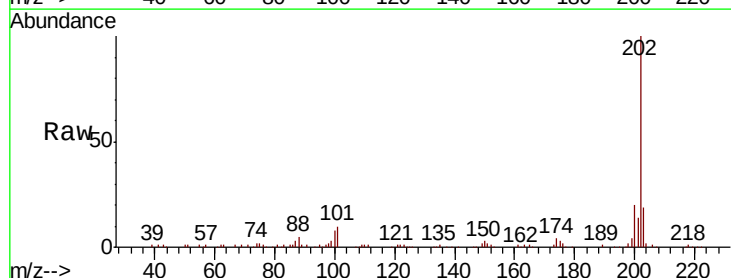
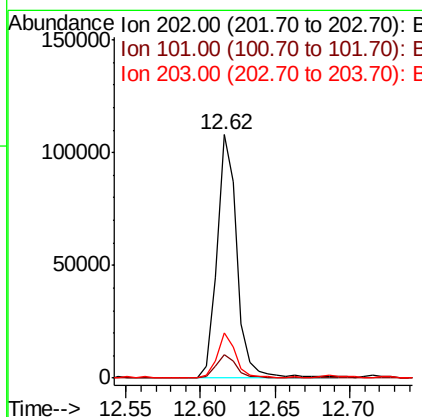
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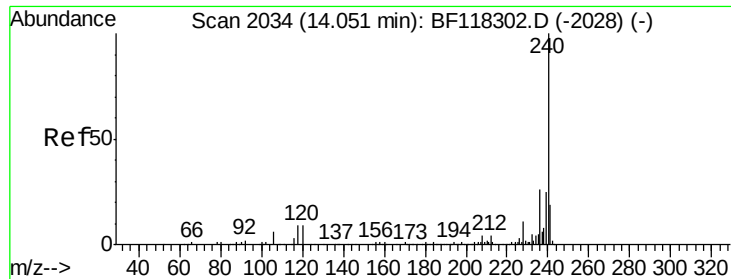
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#75
 Fluoranthene
 Concen: 8.227 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118417.D
 Acq: 31 Dec 2019 20:48

Tgt Ion:	202	Resp:	101624
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.5
203	18.5	0.0	37.6





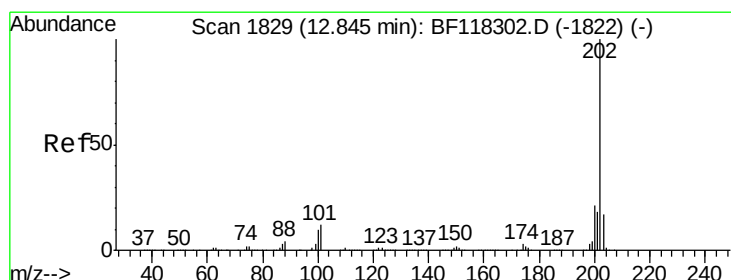
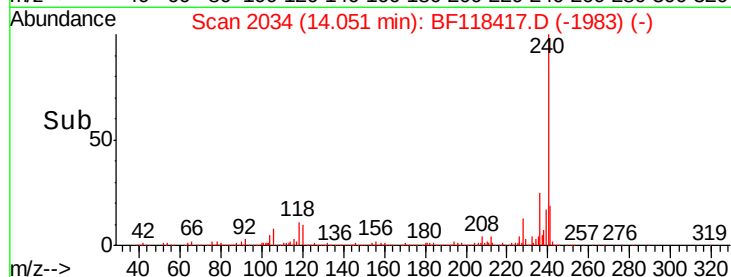
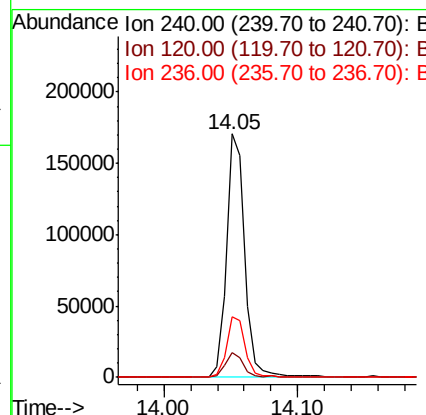
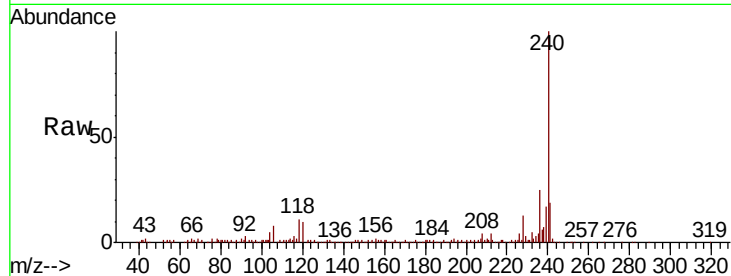
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :
GP-6-(1-3)RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.1	10.7
236	24.8	21.0	31.6

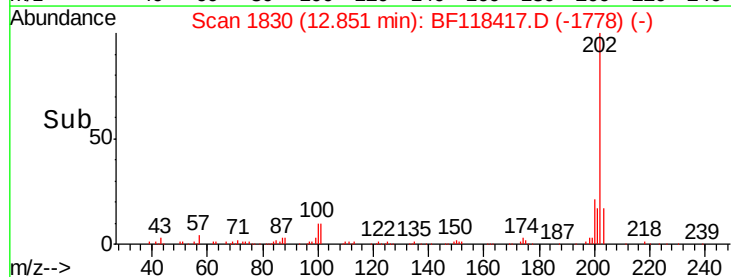
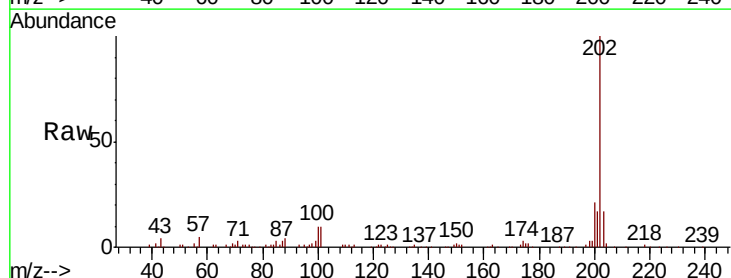
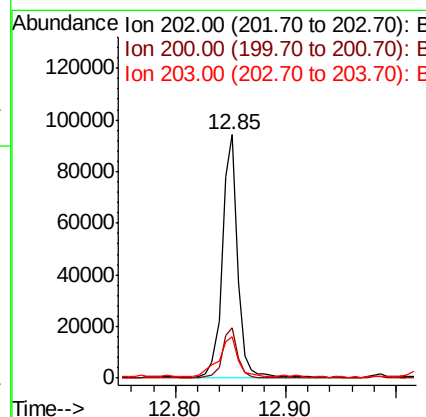
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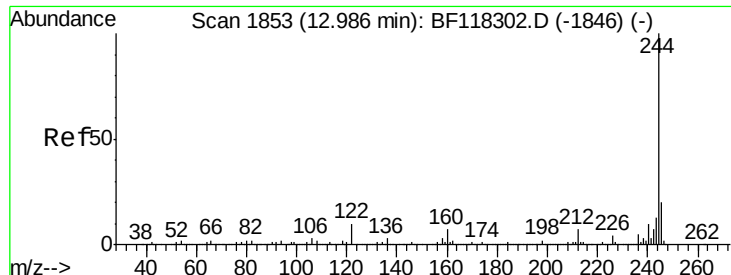
mohammad
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#78
Pyrene
Concen: 6.836 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	16.9	13.9	20.9





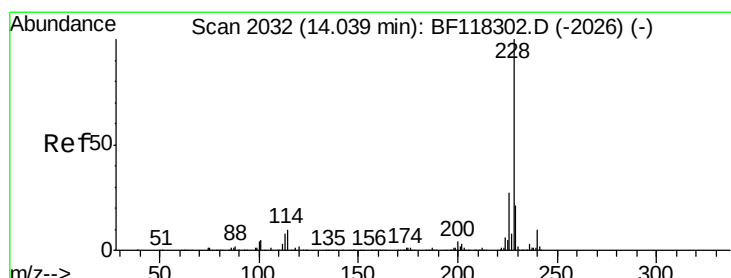
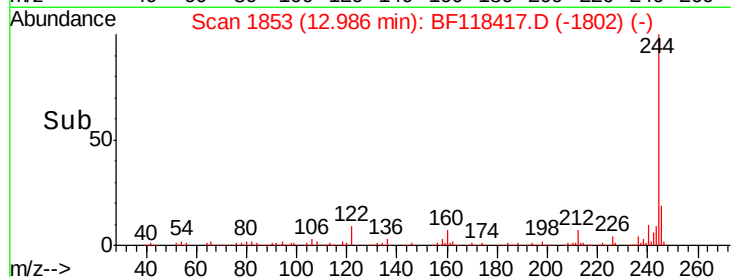
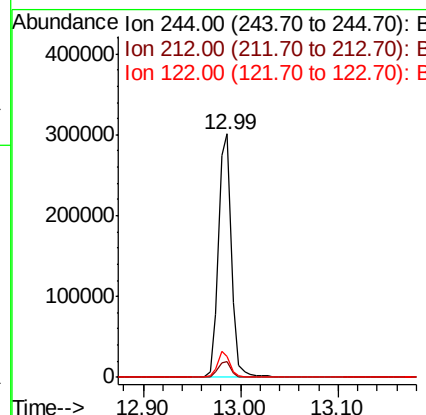
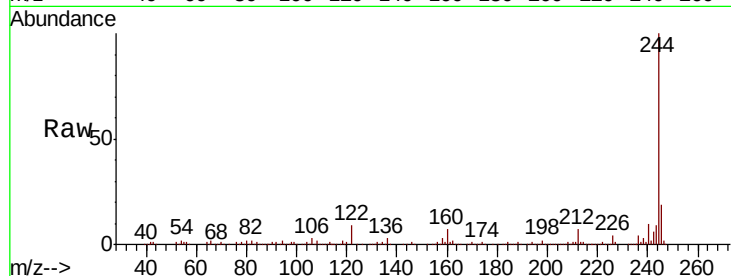
#79
 Terphenyl-d14
 Concen: 28.153 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF118417.D
 Acq: 31 Dec 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :
 GP-6-(1-3)RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	8.8	7.8	11.8

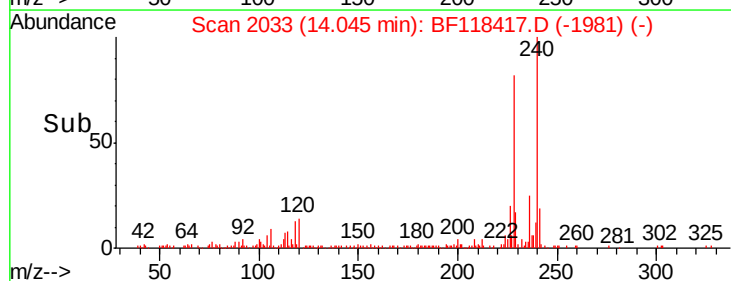
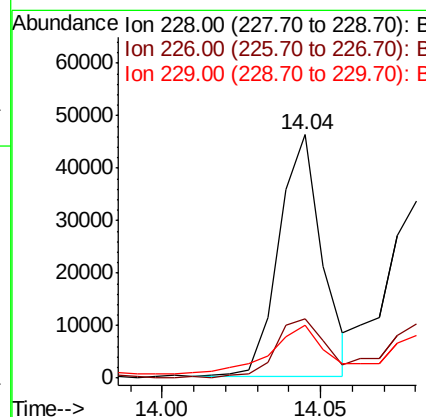
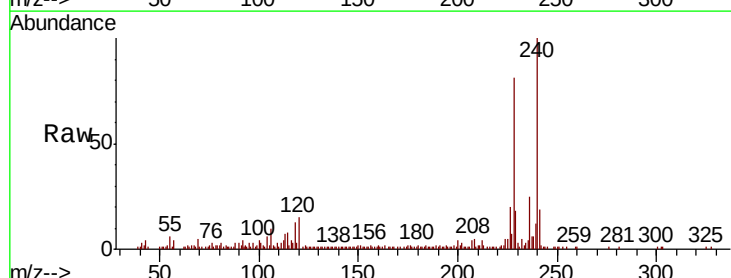
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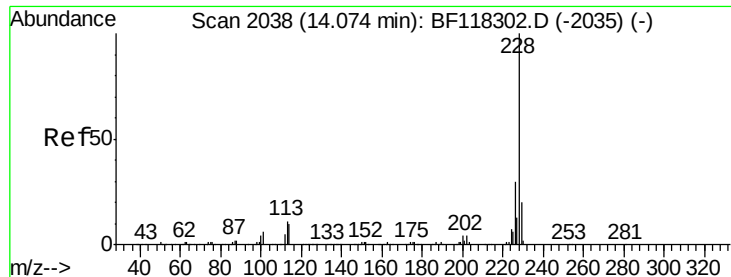
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#81
 Benzo(a)anthracene
 Concen: 3.812 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF118417.D
 Acq: 31 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.1	22.0	33.0
229	21.9	16.6	24.8





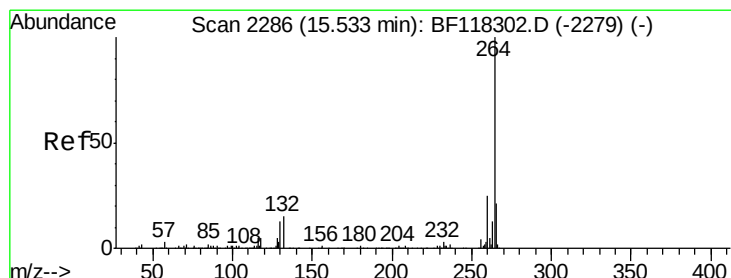
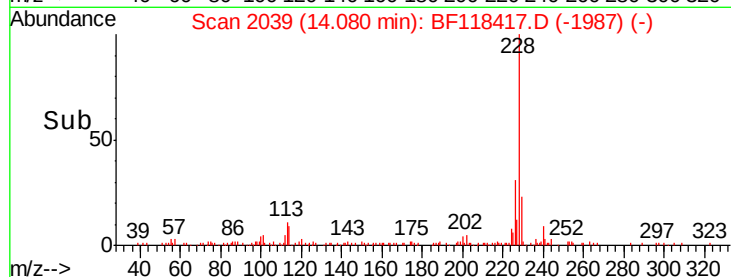
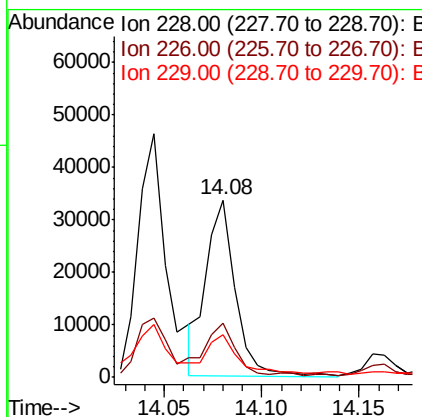
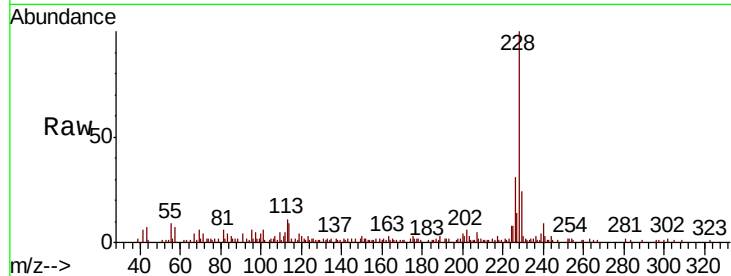
#83
Chrysene
Concen: 3.213 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :
GP-6-(1-3)RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	23.9	16.1	24.1

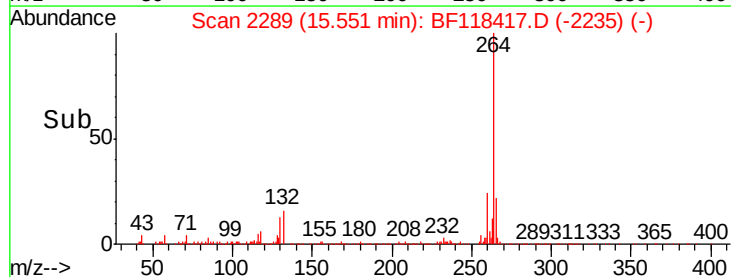
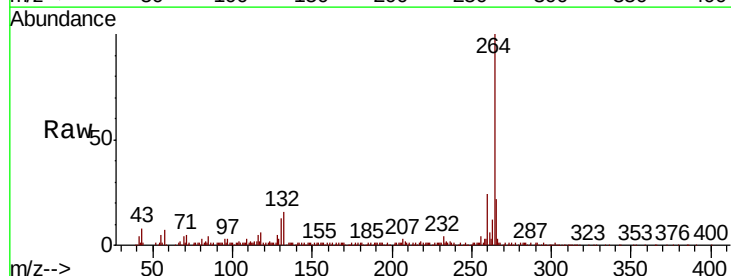
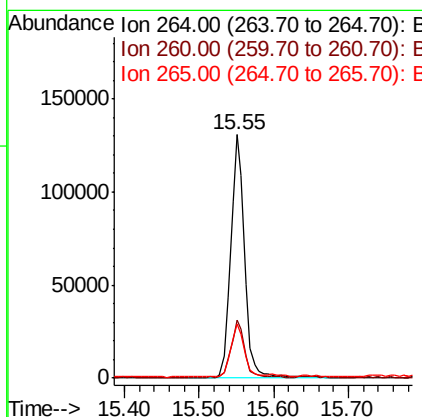
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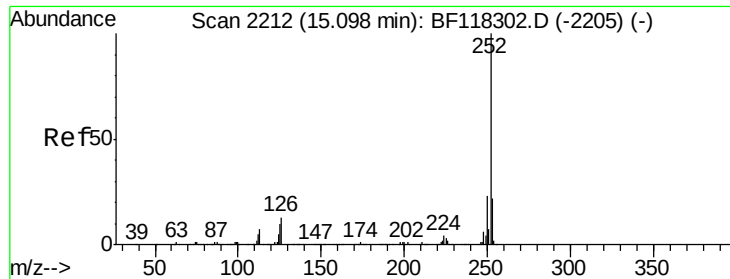
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	22.0	17.0	25.4





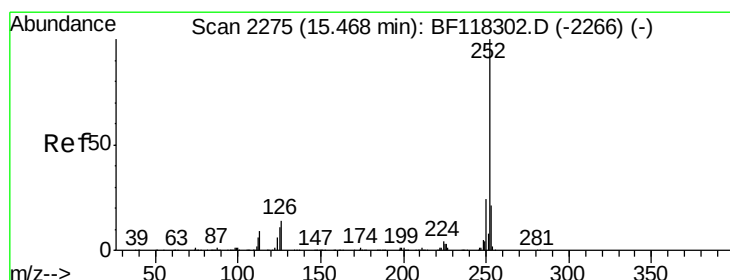
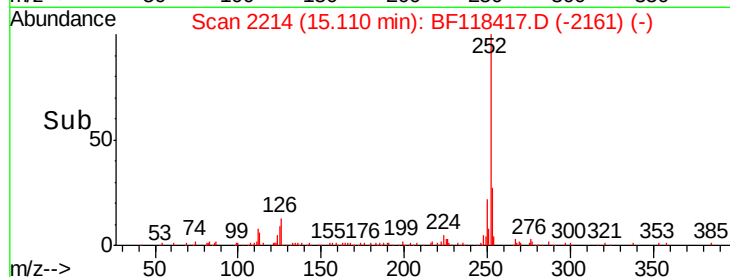
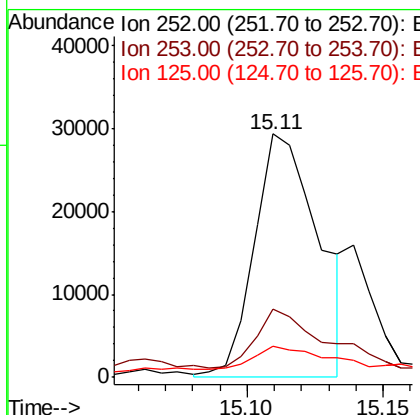
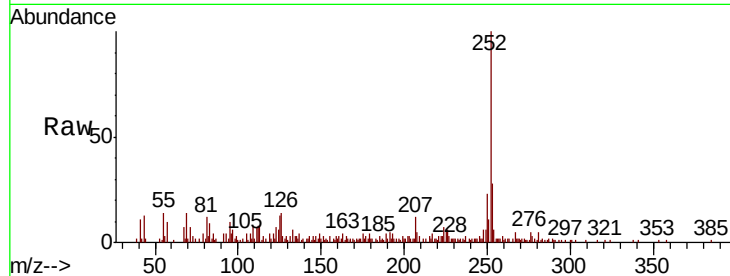
#88
Benzo(b)fluoranthene
Concen: 4.222 ng m
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :
GP-6-(1-3)RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.5	26.3#
125	13.0	7.7	11.5#

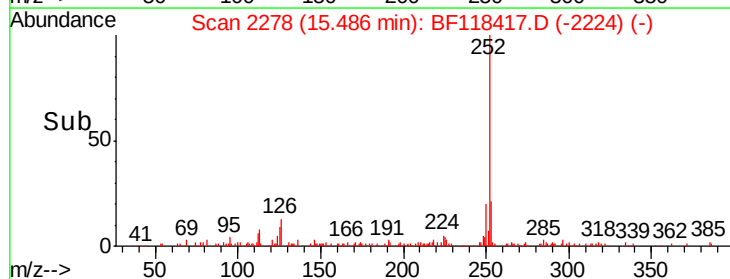
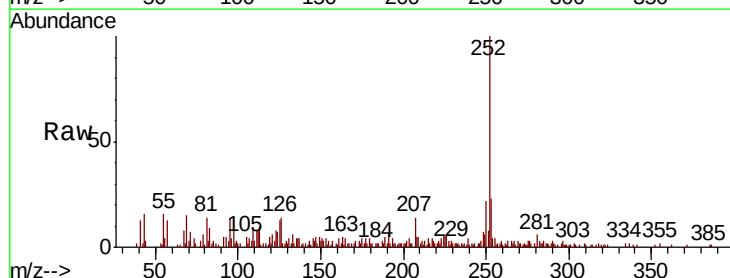
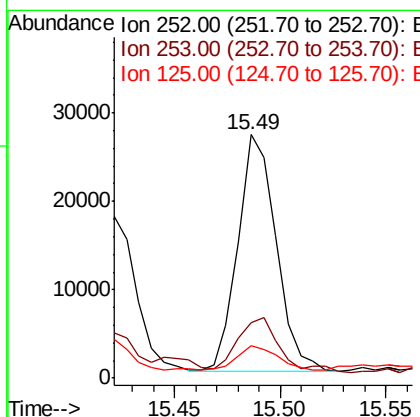
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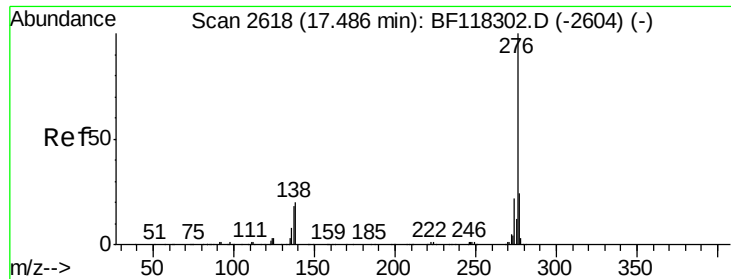
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#90
Benzo(a)pyrene
Concen: 3.333 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118417.D
Acq: 31 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	13.2	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 2.126 ng
 RT: 17.54 min Scan# 2627
 Delta R.T. 0.05 min
 Lab File: BF118417.D
 Acq: 31 Dec 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :
 GP-6-(1-3)RE

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	26.7	16.1	24.1

Manual Integrations
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