

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118403.D
 Acq On : 31 Dec 2019 14:12
 Operator : JU
 Sample : K6465-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-11-(1-3)

Manual Integrations
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mohammad
 1/2/2020 11:49:41 AM

Quant Time: Jan 01 00:48:33 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	97307	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	373904	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	210764	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	408429	20.00	ng	0.00
76) Chrysene-d12	14.05	240	283142	20.00	ng	0.00
87) Perylene-d12	15.54	264	257126	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	596313	104.61	ng	0.01
7) Phenol-d6	6.49	99	744354	105.26	ng	0.00
23) Nitrobenzene-d5	7.42	82	455409	69.66	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	262959	101.03	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	866815	62.78	ng	0.00
79) Terphenyl-d14	12.99	244	984931	57.71	ng	0.00
Target Compounds						
10) Phenol	6.50	94	26373	3.318	ng	83
50) Dimethylphthalate	9.62	163	121264	7.665	ng	98
71) Phenanthrene	11.42	178	114084	5.124	ng	98
75) Fluoranthene	12.62	202	161525	7.188	ng	97
78) Pyrene	12.84	202	141944	6.139	ng	99
81) Benzo(a)anthracene	14.04	228	68273	3.445	ng	97
83) Chrysene	14.08	228	60429	3.184	ng	96
88) Benzo(b)fluoranthene	15.11	252	63167m	3.701	ng	
90) Benzo(a)pyrene	15.49	252	41623	2.768	ng	95

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

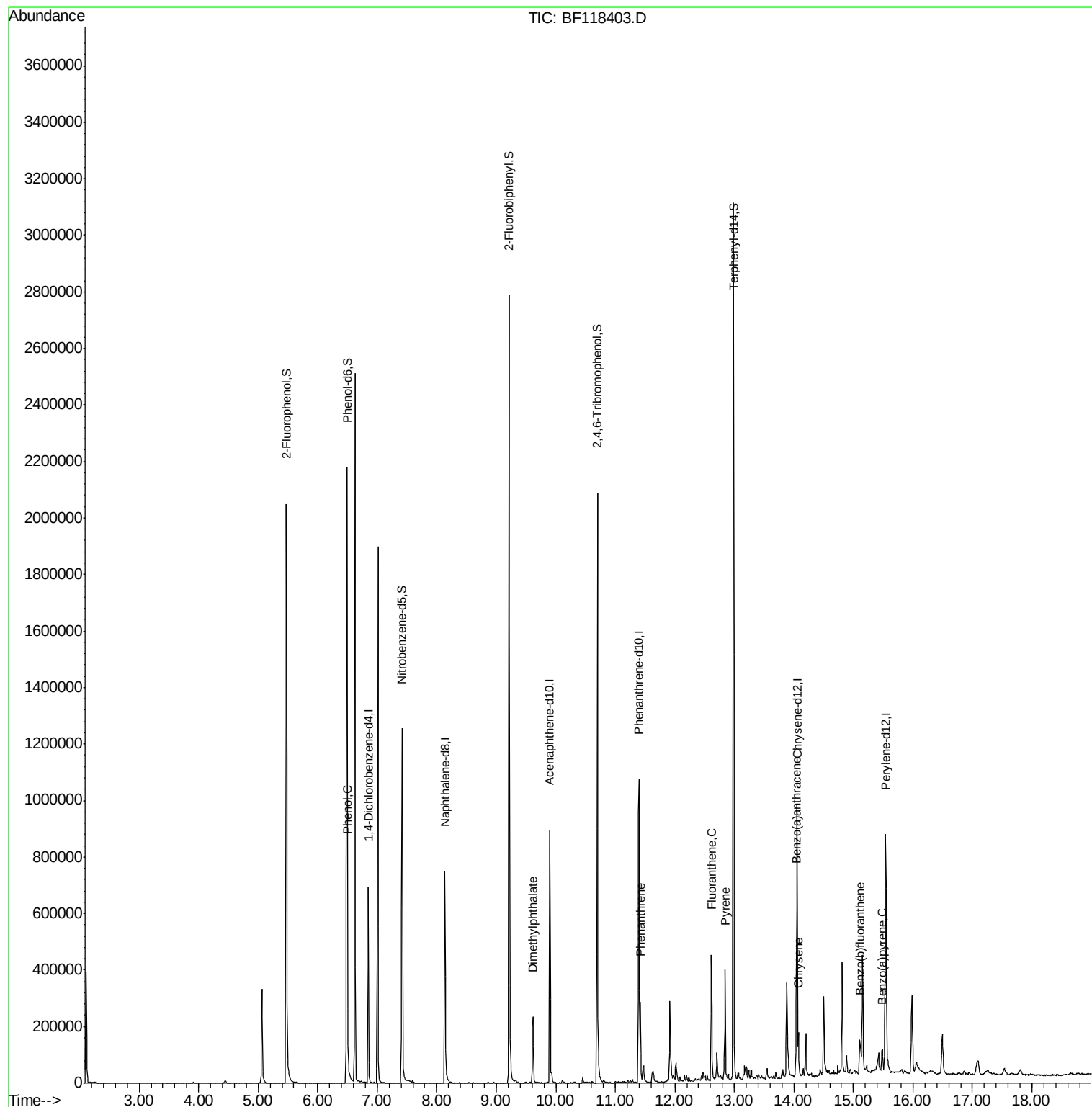
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118403.D
Acq On : 31 Dec 2019 14:12
Operator : JU
Sample : K6465-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

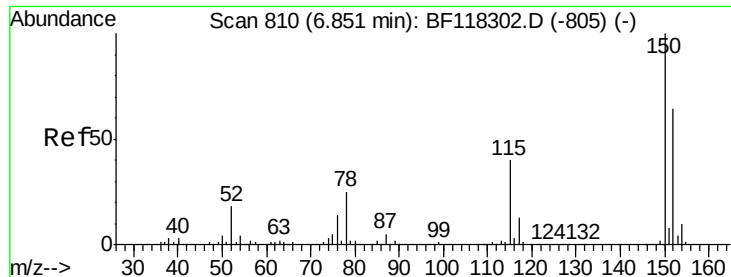
Instrument :
BNA_F
ClientSampleId :
GP-11-(1-3)

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Quant Time: Jan 01 00:48:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

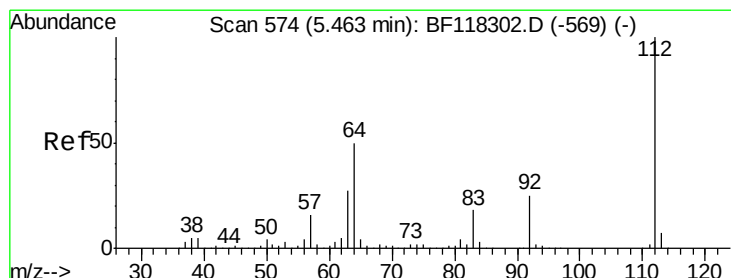
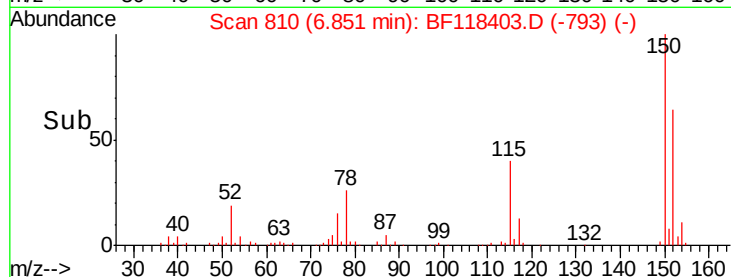
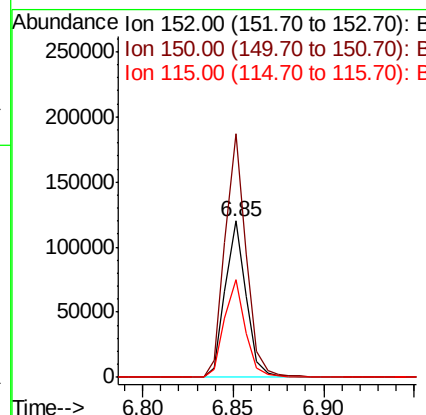
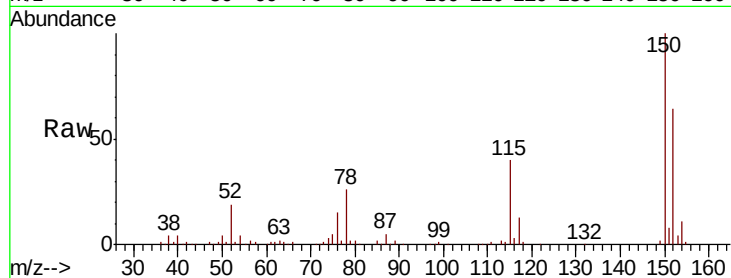
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Instrument :
BNA_F
ClientSampleId :
GP-11-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.4	188.2
115	62.6	50.2	75.4

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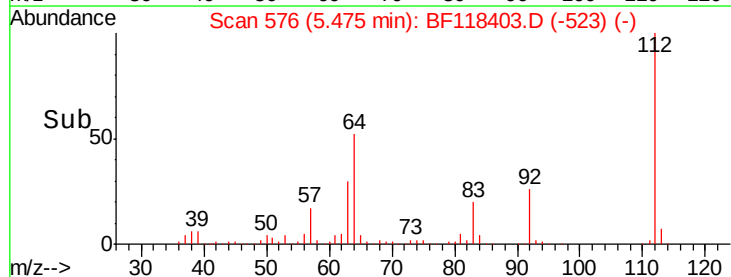
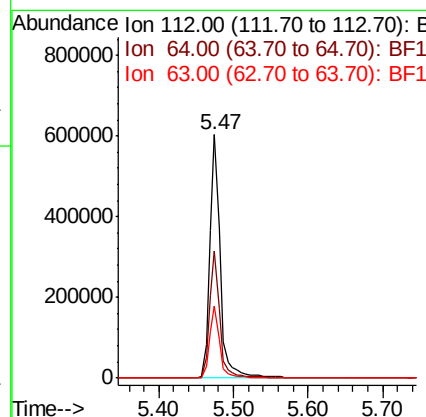
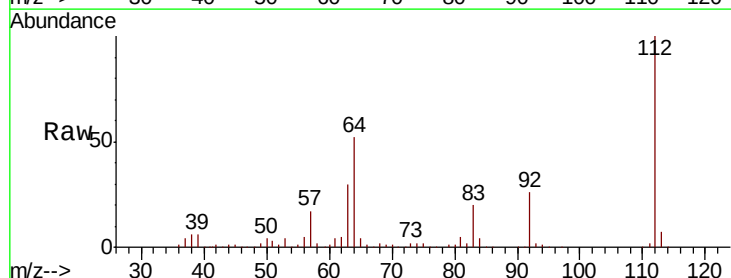
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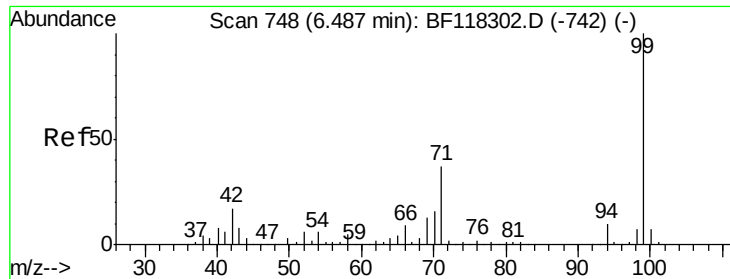


#5

2-Fluorophenol
Concen: 104.607 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	39.7	59.5
63	29.6	21.7	32.5





#7

Phenol-d6

Concen: 105.259 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118403.D

Acq: 31 Dec 2019 14:12

Instrument :

BNA_F

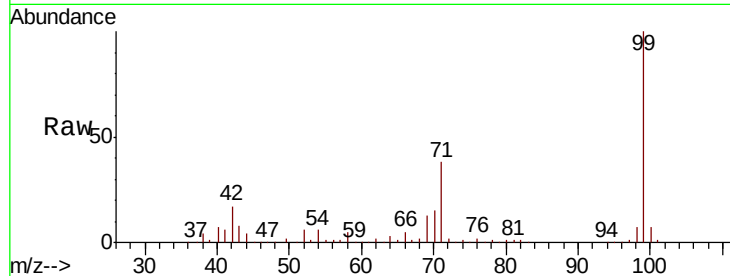
ClientSampled :

GP-11-(1-3)

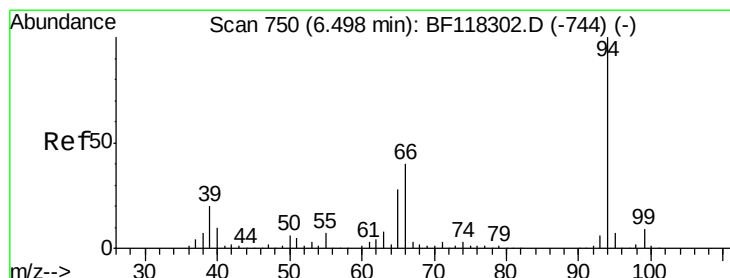
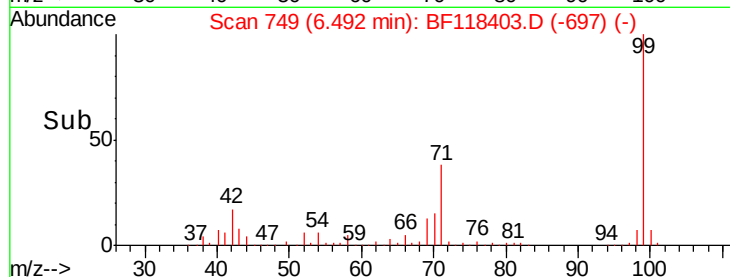
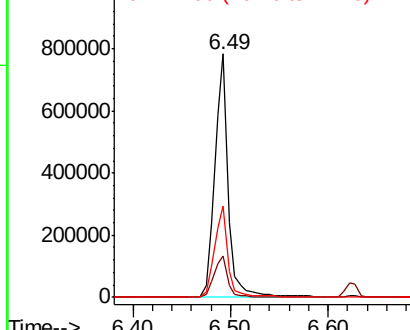
Tot Ion:	99	Resp:	744354
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	37.5	29.4	44.2

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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: 3.318 ng

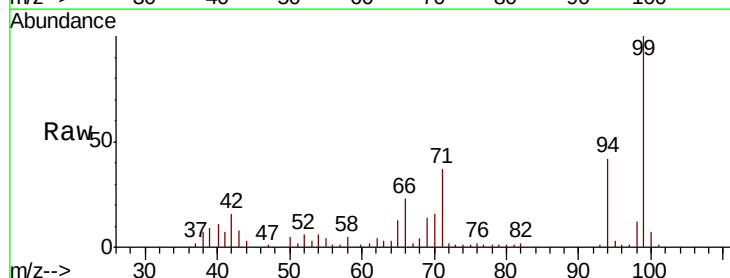
RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

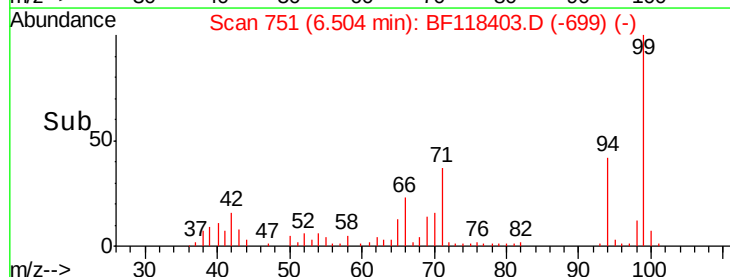
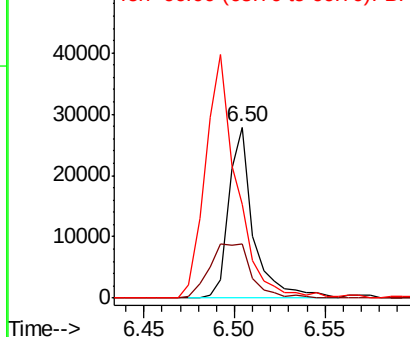
Lab File: BF118403.D

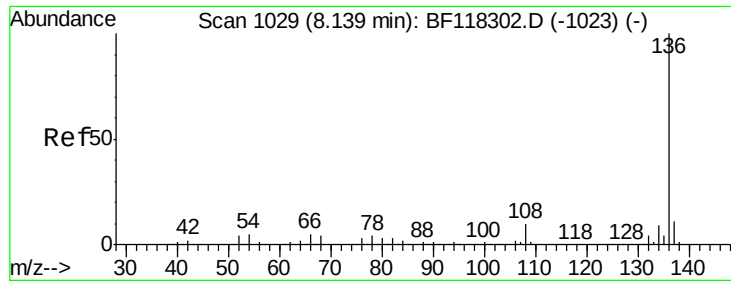
Acq: 31 Dec 2019 14:12

Tgt Ion:	94	Resp:	26373
Ion	Ratio	Lower	Upper
94	100		
65	31.7	7.8	47.8
66	54.8	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





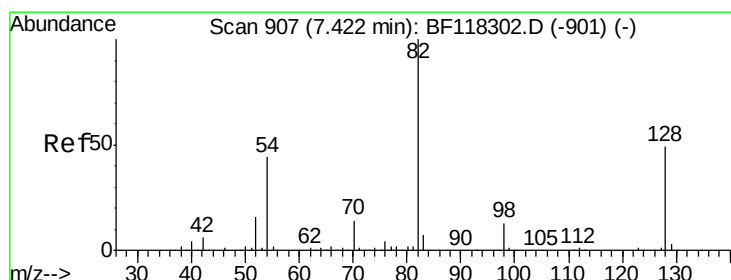
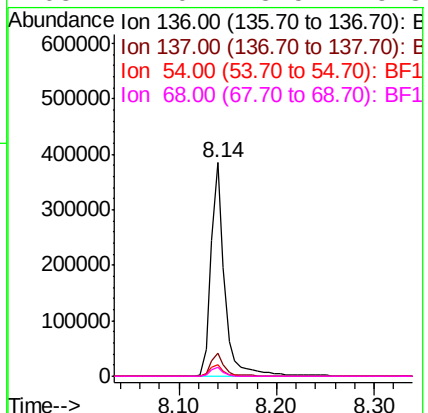
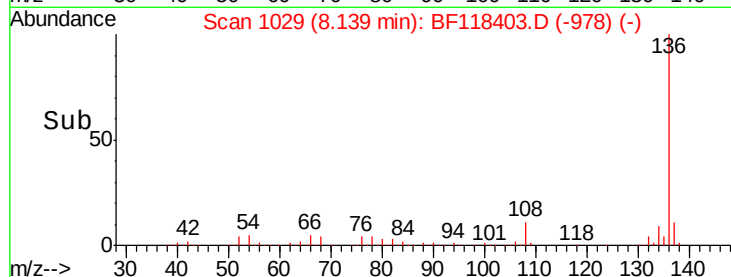
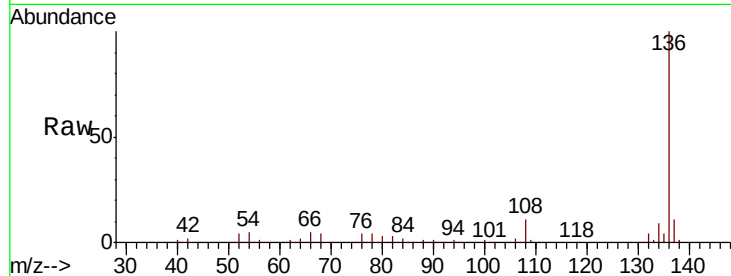
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Instrument :
BNA_F
ClientSampleId :
GP-11-(1-3)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		373904		
137	10.8	8.9	13.3		
54	5.1	4.2	6.4		
68	4.0	3.5	5.3		

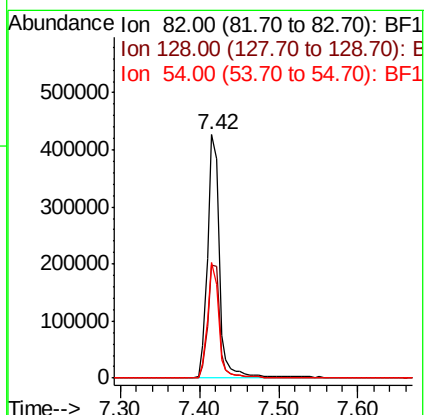
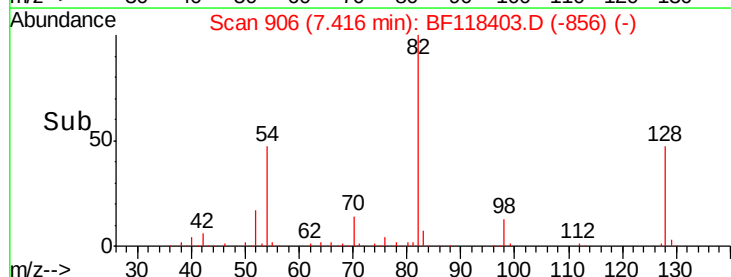
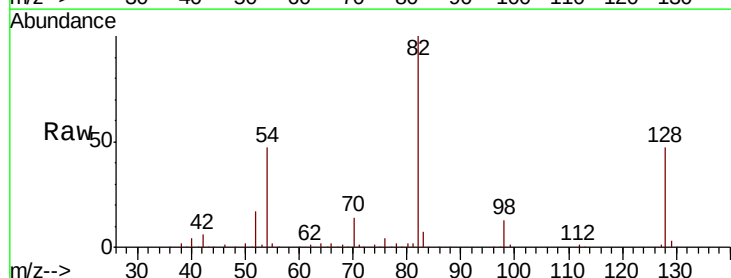
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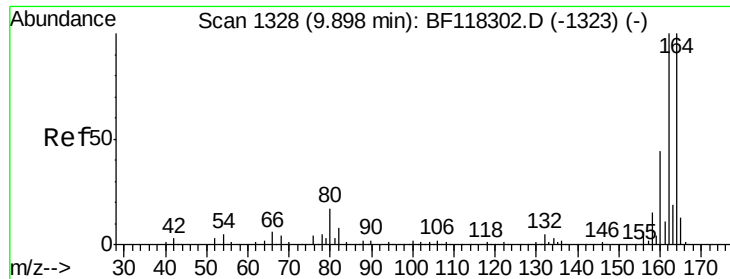
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#23
Nitrobenzene-d5
Concen: 69.662 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		455409		
128	46.5	39.6	59.4		
54	47.2	34.9	52.3		





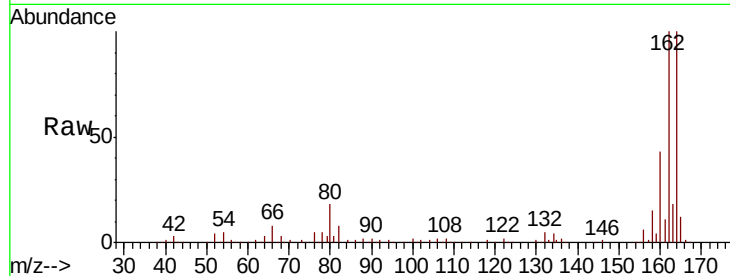
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Instrument :
BNA_F
ClientSampleId :
GP-11-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	210764		
162	99.6	80.0	120.0	
160	42.9	34.8	52.2	

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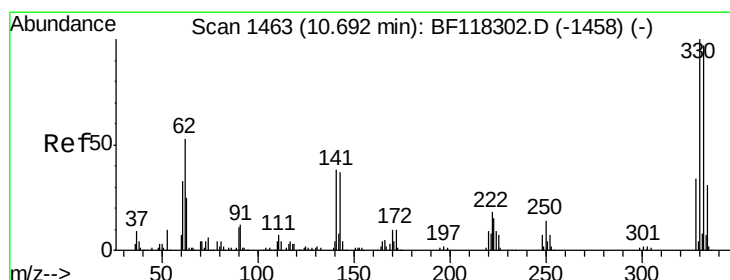
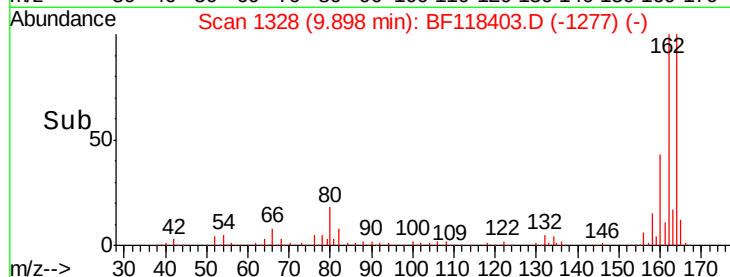
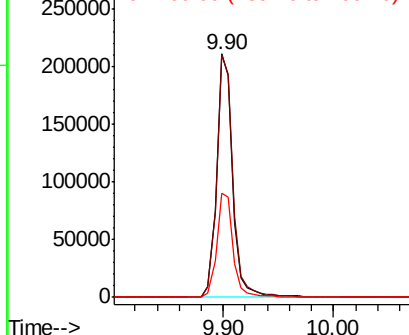


Abundance

Ion 164.00 (163.70 to 164.70): E

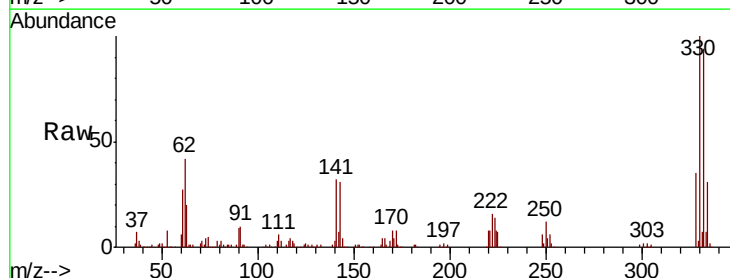
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 101.030 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	262959		
332	95.6	76.6	114.8	
141	33.9	26.0	39.0	

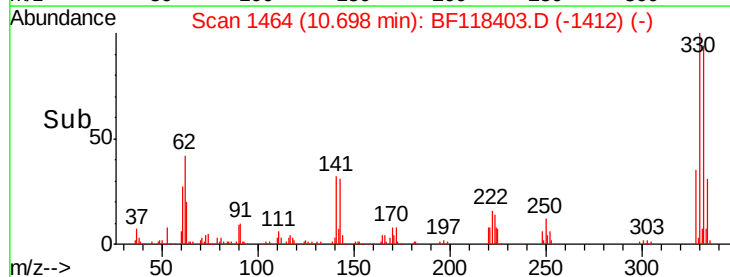
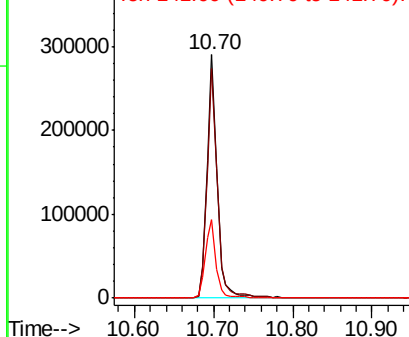


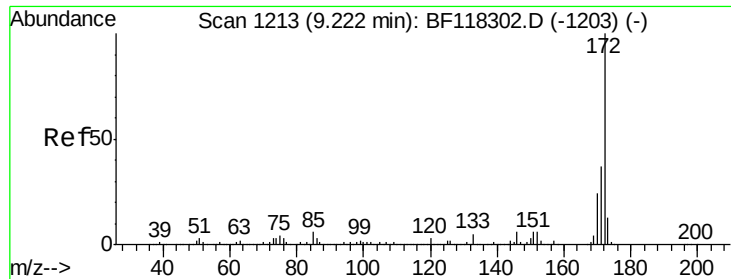
Abundance

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





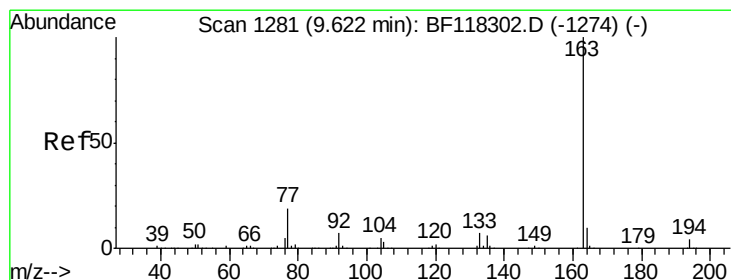
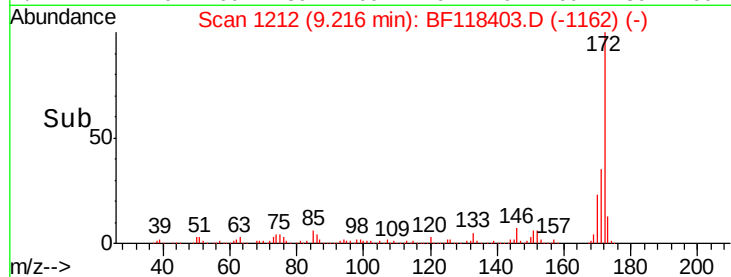
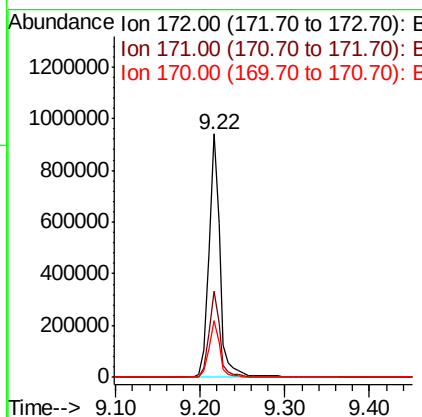
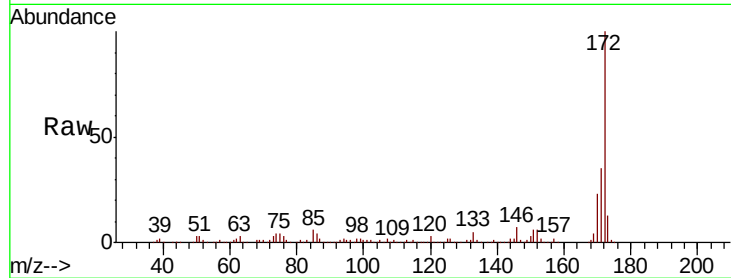
#45
2-Fluorobiphenyl
Concen: 62.780 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Instrument :
BNA_F
ClientSampleId :
GP-11-(1-3)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.3	43.9
170	23.4	19.2	28.8

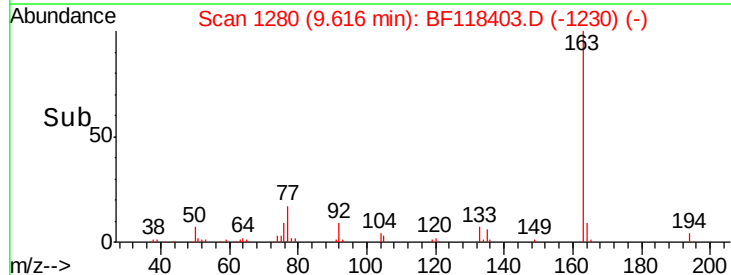
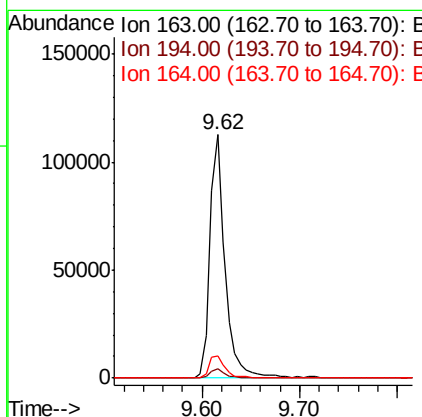
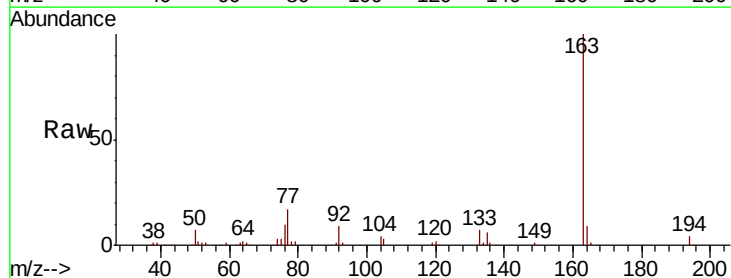
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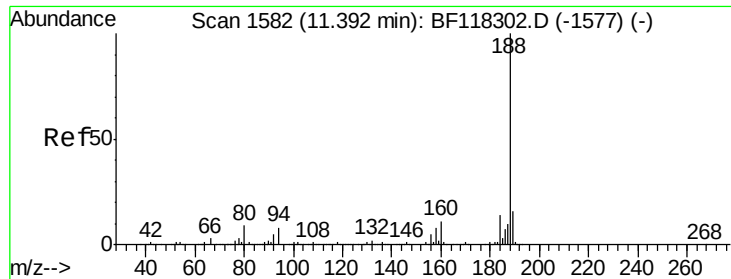
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#50
Dimethylphthalate
Concen: 7.665 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.2	7.9	11.9





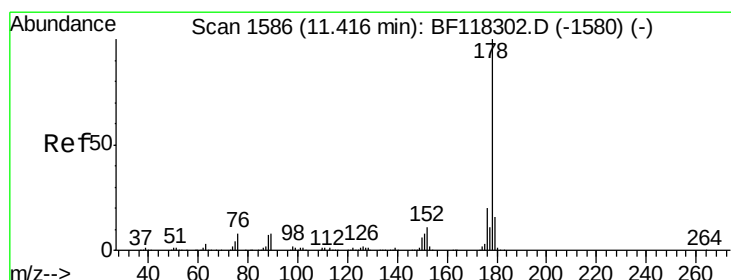
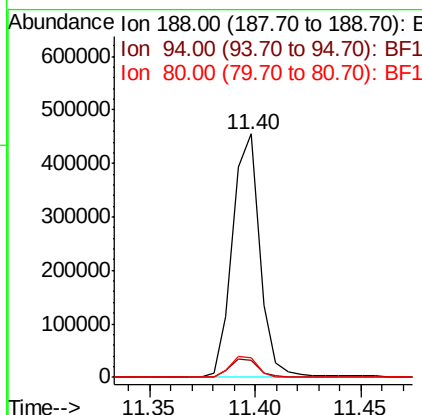
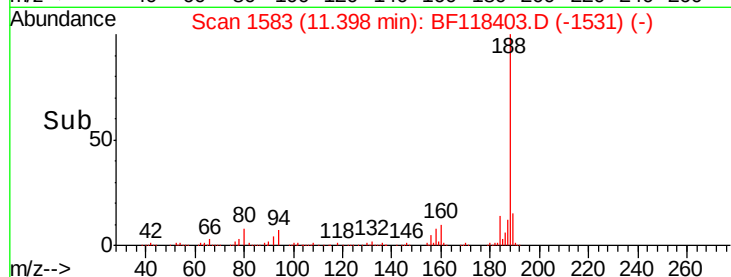
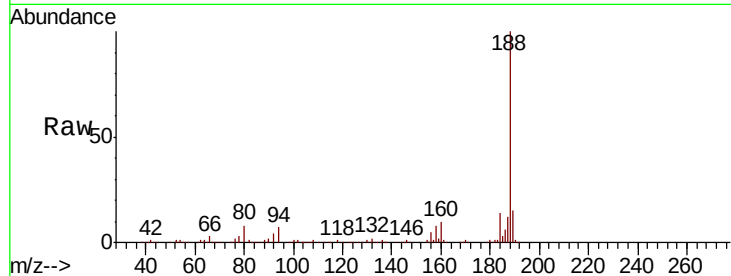
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Instrument :
BNA_F
ClientSampleId :
GP-11-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	408429		
94	7.2		6.7	10.1
80	8.0		7.2	10.8

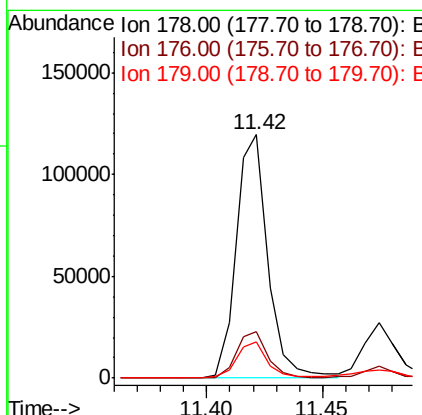
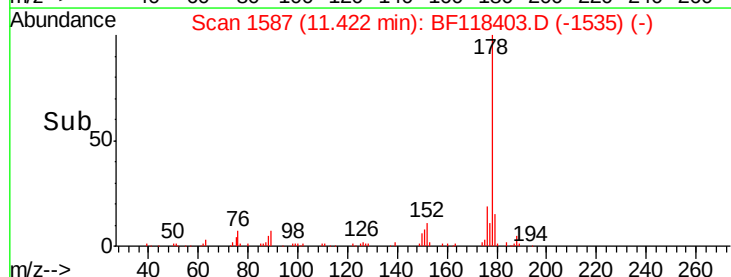
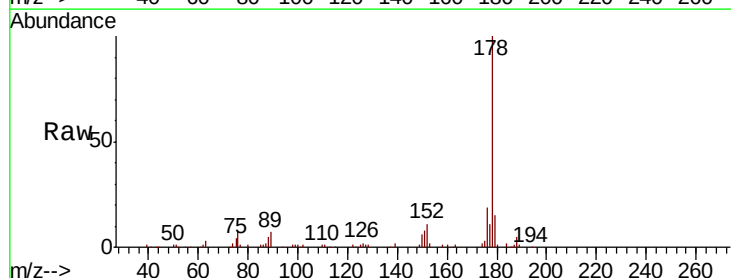
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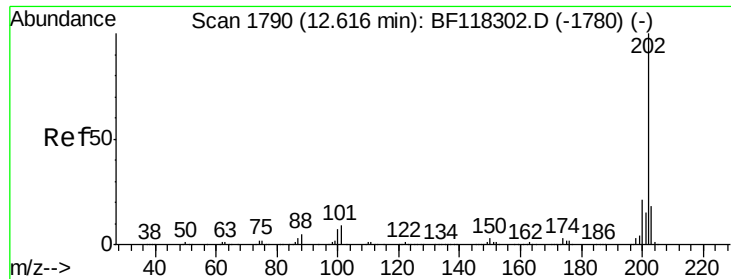
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#71
Phenanthrene
Concen: 5.124 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	114084		
176	19.2		15.6	23.4
179	14.6		12.6	19.0





#75

Fluoranthene

Concen: 7.188 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF118403.D

Acq: 31 Dec 2019 14:12

Instrument :

BNA_F

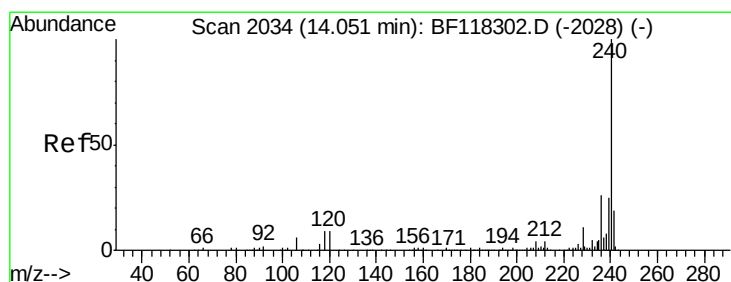
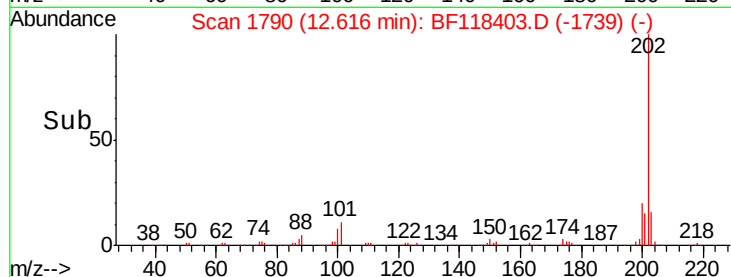
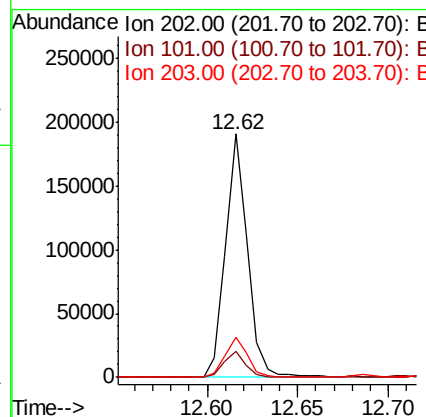
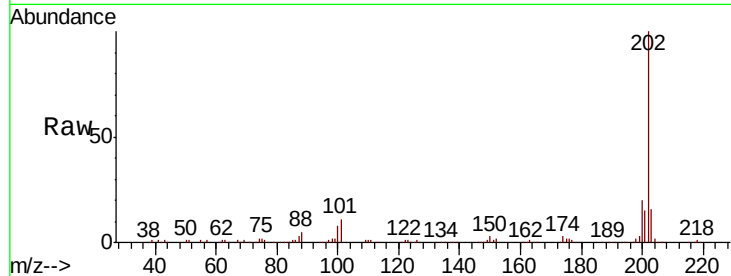
ClientSampleId :

GP-11-(1-3)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	29.5
203	16.3	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

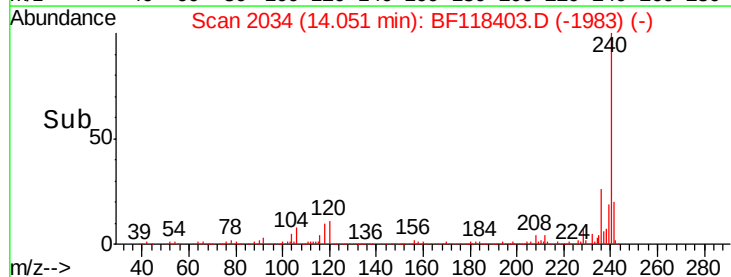
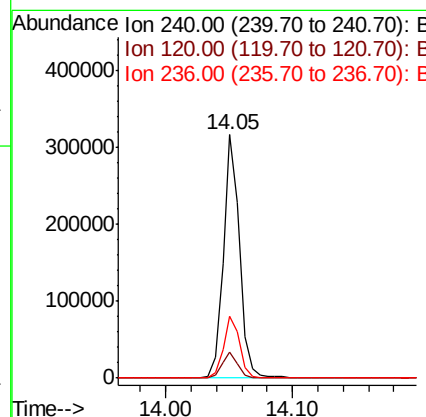
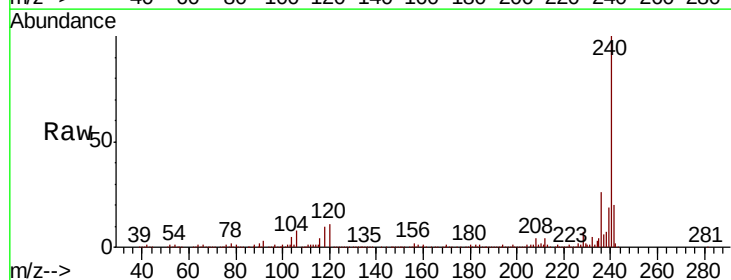
RT: 14.05 min Scan# 2034

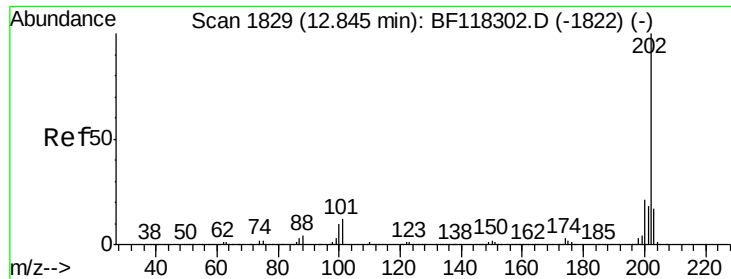
Delta R.T. -0.00 min

Lab File: BF118403.D

Acq: 31 Dec 2019 14:12

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





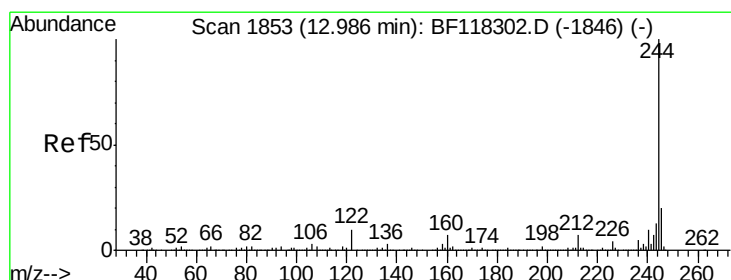
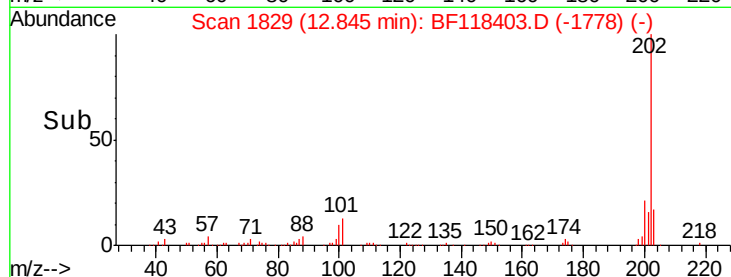
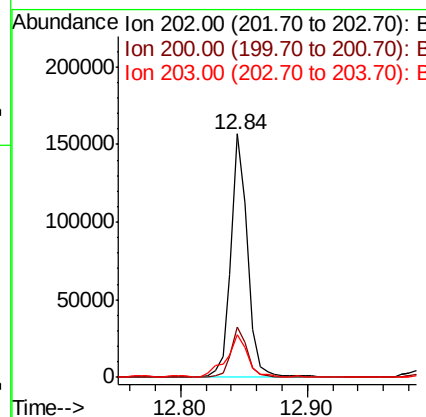
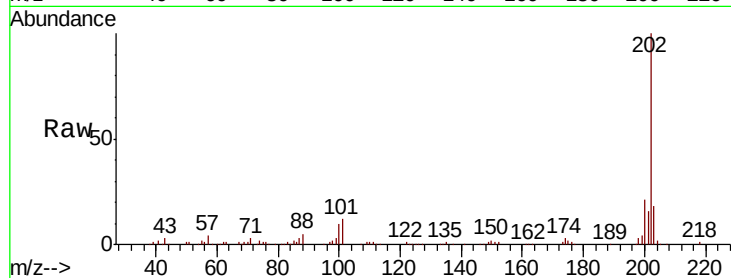
#78
Pvrene
Concen: 6.139 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Instrument :
BNA_F
ClientSampleId :
GP-11-(1-3)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	17.7	13.9	20.9

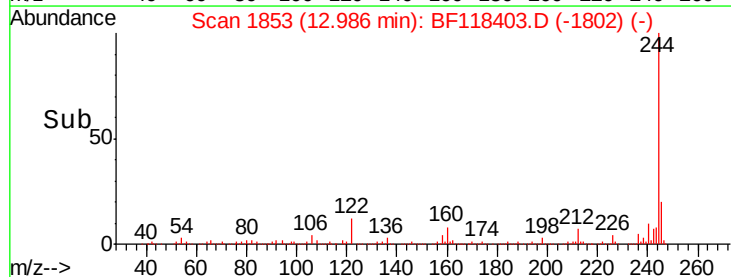
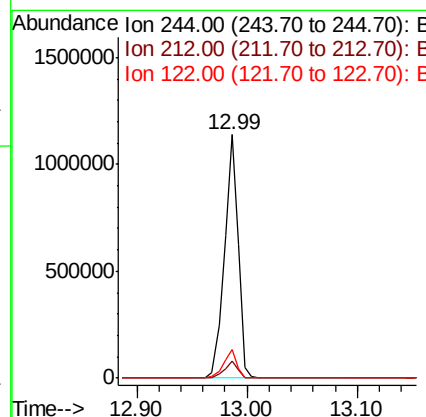
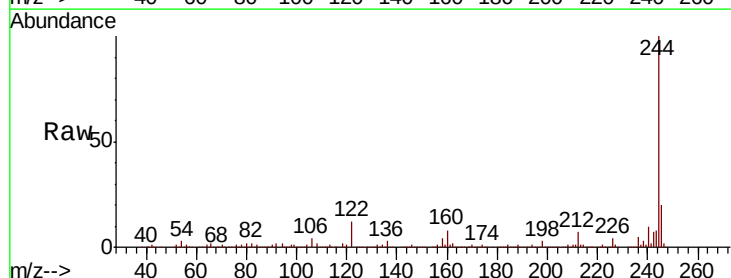
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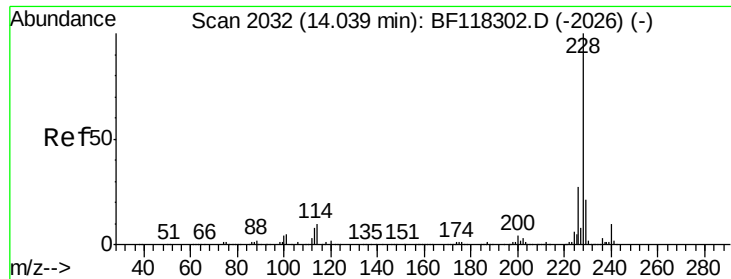
mohammad
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#79
Terphenyl-d14
Concen: 57.711 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.6	7.8	11.8





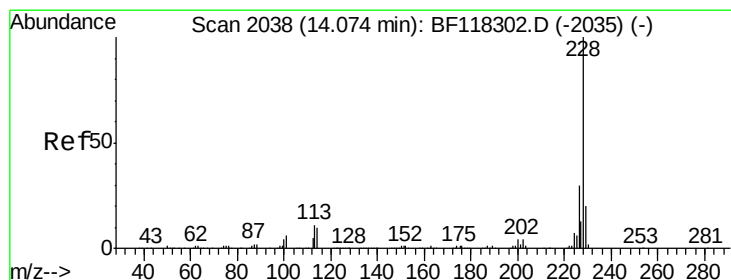
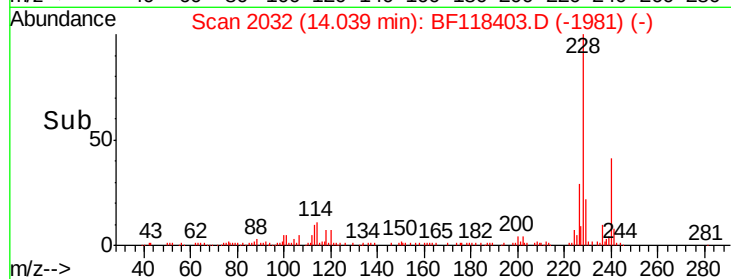
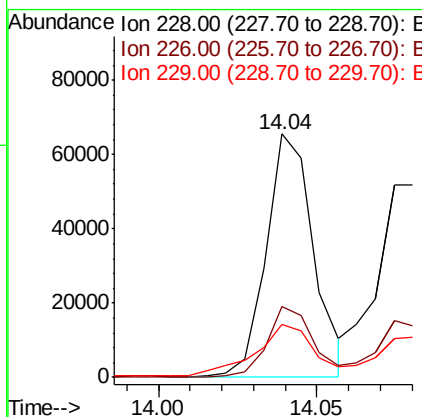
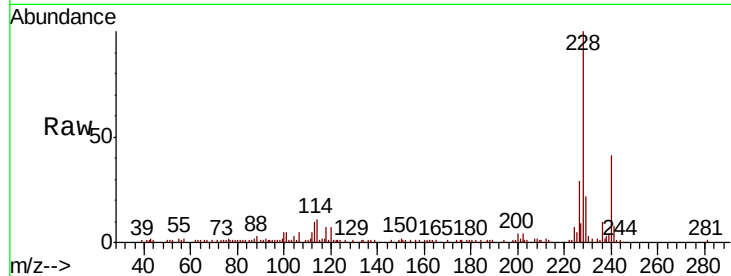
#81
Benzo(a)anthracene
Concen: 3.445 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Instrument :
BNA_F
ClientSampleId :
GP-11-(1-3)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.0	33.0
229	21.8	16.6	24.8

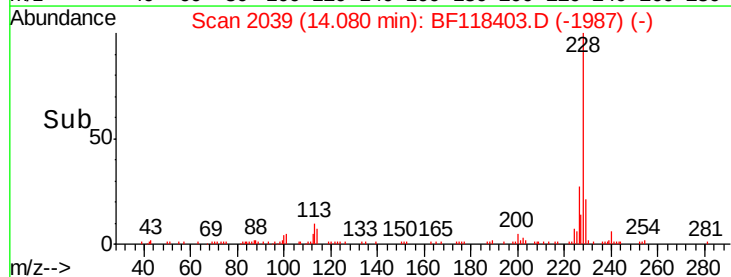
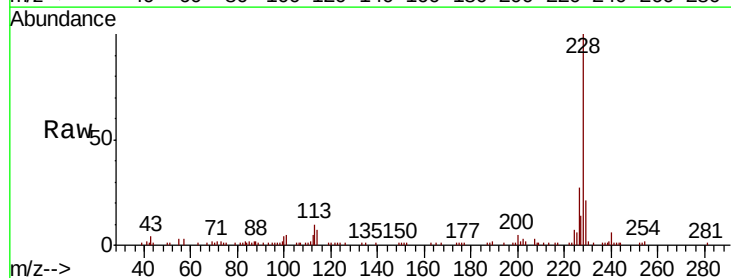
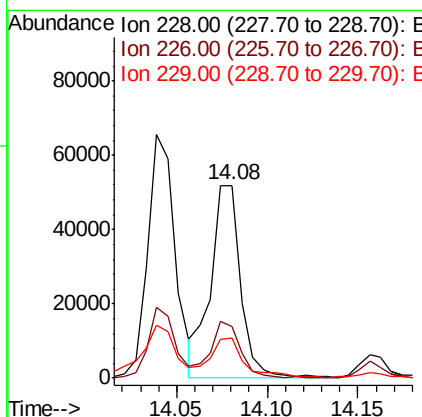
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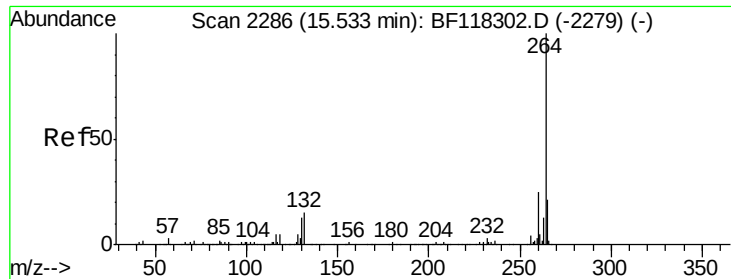
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#83
Chrysene
Concen: 3.184 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.9	35.9
229	21.0	16.1	24.1





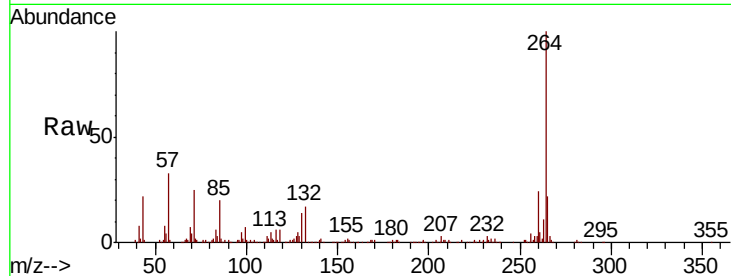
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

Instrument :
BNA_F
ClientSampleId :
GP-11-(1-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	22.4	17.0	25.4

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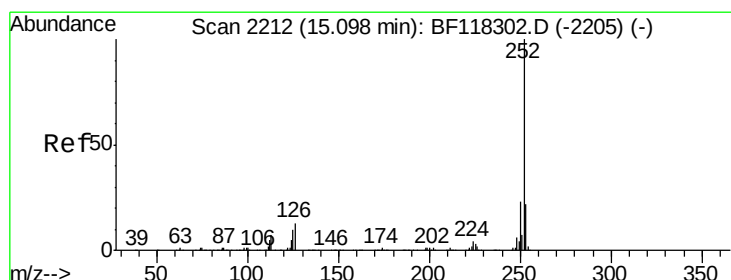
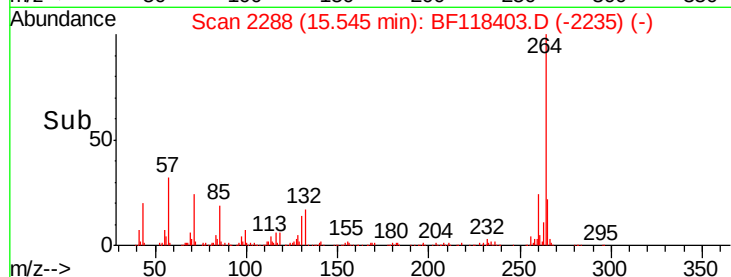
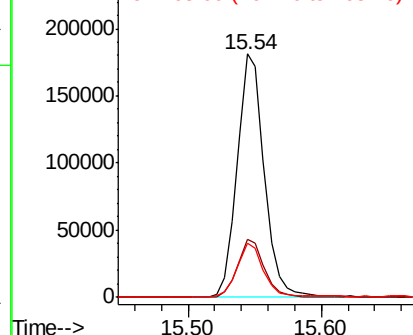


Abundance

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: 3.701 ng m
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118403.D
Acq: 31 Dec 2019 14:12

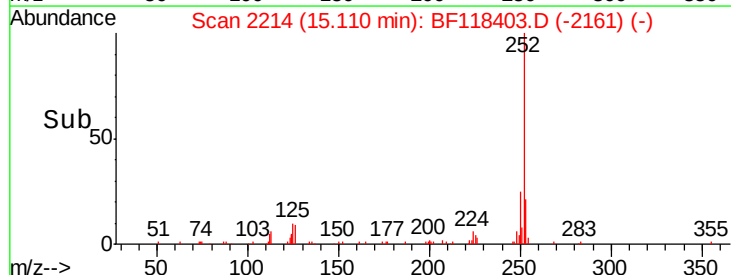
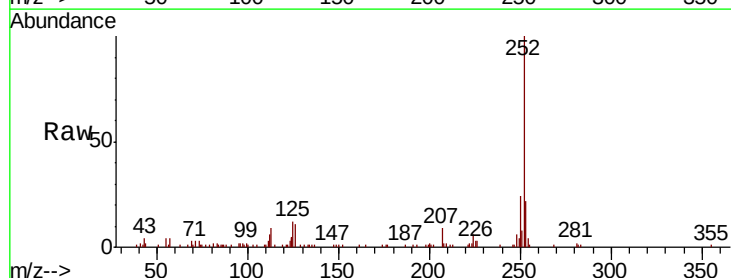
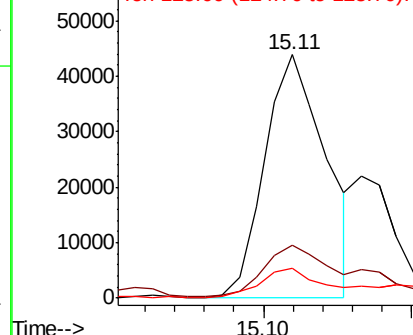
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.1	7.7	11.5

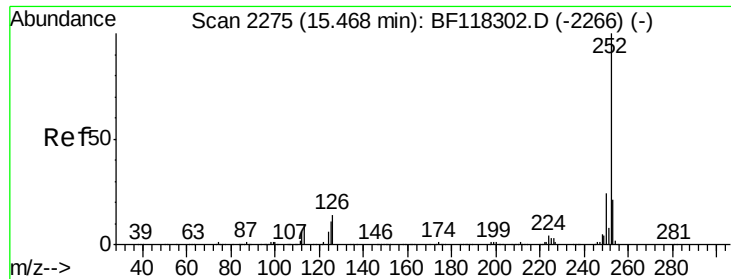
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90
 Benzo(a)pyrene
 Concen: 2.768 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF118403.D
 Acq: 31 Dec 2019 14:12

Instrument :
 BNA_F
 ClientSampleId :
 GP-11-(1-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	12.7	9.0	13.4

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