

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118449.D
 Acq On : 2 Jan 2020 21:39
 Operator : JU
 Sample : K6465-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(3-5)

Manual Integrations
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Quant Time: Jan 03 03:48:59 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	98596	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	383814	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	192086	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	330448	20.00	ng	0.00
76) Chrysene-d12	14.04	240	209259	20.00	ng	-0.01
87) Perylene-d12	15.53	264	211157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	527558	91.34	ng	0.00
7) Phenol-d6	6.49	99	762842	106.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	422305	62.93	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	205101	86.46	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	872602	69.34	ng	-0.01
79) Terphenyl-d14	12.97	244	814785	64.60	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.61	163	50880	3.529	ng	98
71) Phenanthrene	11.41	178	37385	2.075	ng	99
75) Fluoranthene	12.61	202	57868	3.183	ng	98
78) Pyrene	12.84	202	52225	3.056	ng	99
88) Benzo(b)fluoranthene	15.10	252	29422m	2.099	ng	

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

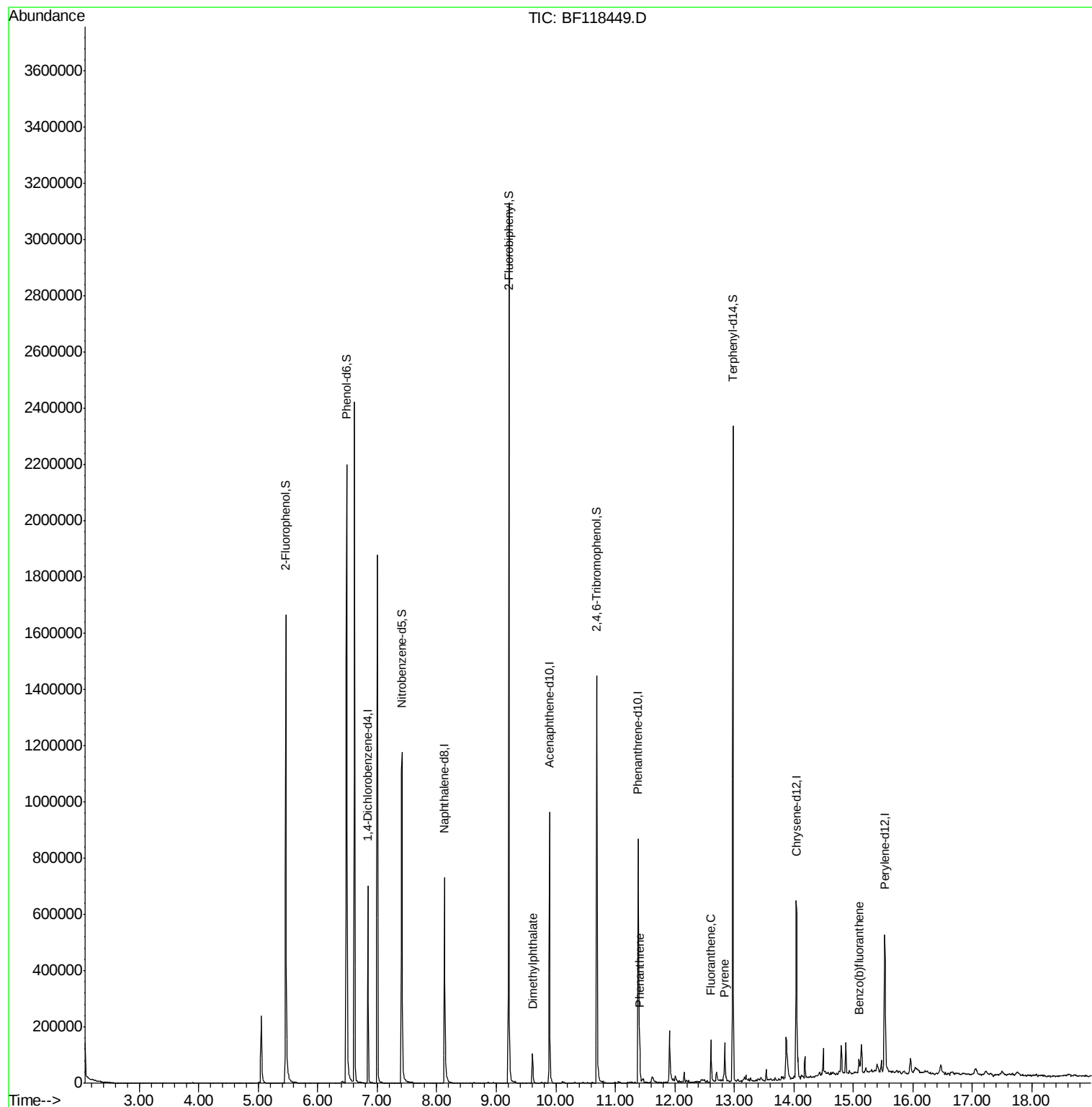
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118449.D
Acq On : 2 Jan 2020 21:39
Operator : JU
Sample : K6465-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

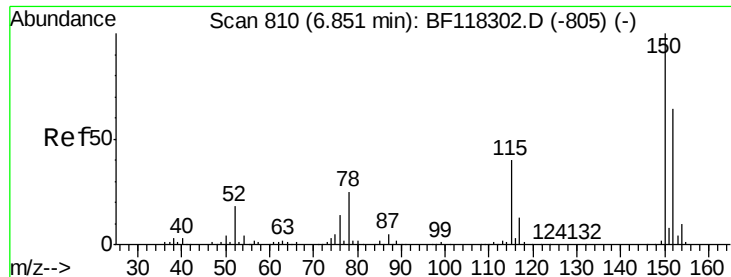
Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

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Quant Time: Jan 03 03:48:59 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





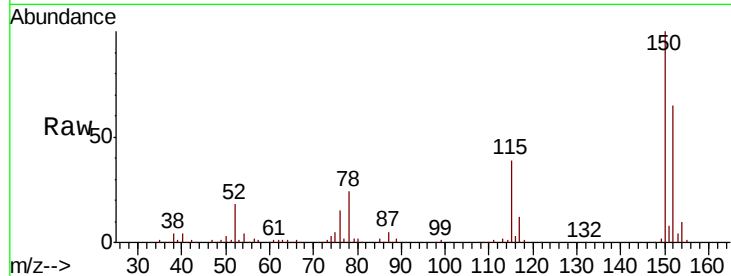
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118449.D
 Acq: 2 Jan 2020 21:39

Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.4	188.2
115	59.3	50.2	75.4

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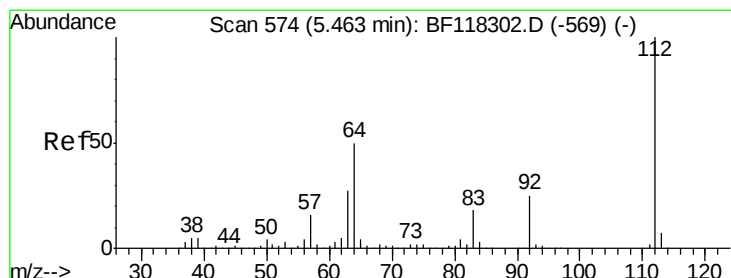
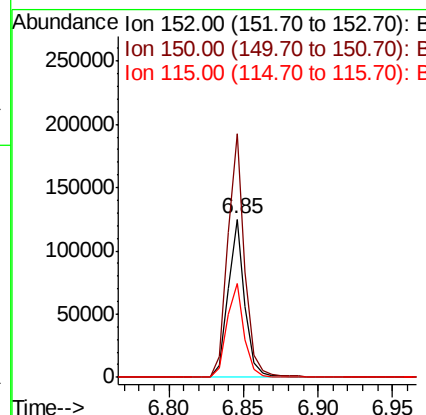
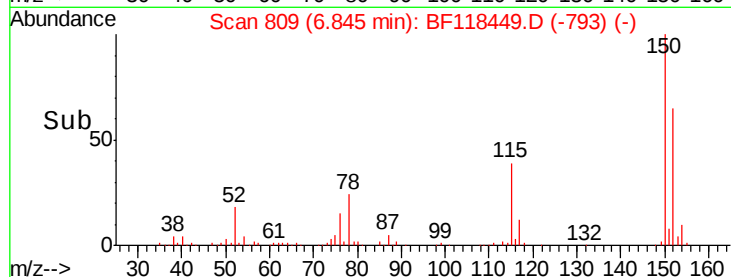


Abundance

Ion 152.00 (151.70 to 152.70): E

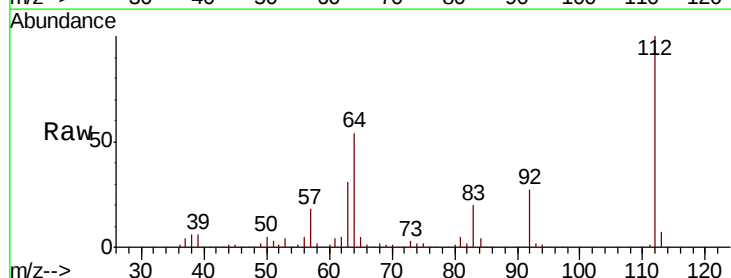
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 91.336 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF118449.D
 Acq: 2 Jan 2020 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	39.7	59.5
63	30.9	21.7	32.5

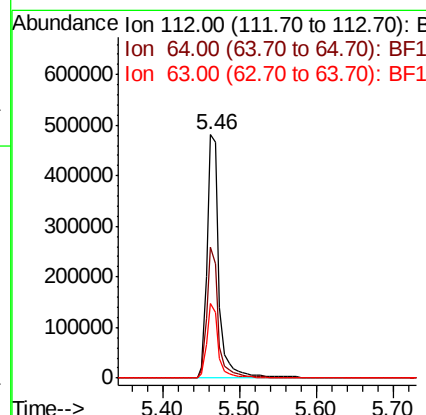
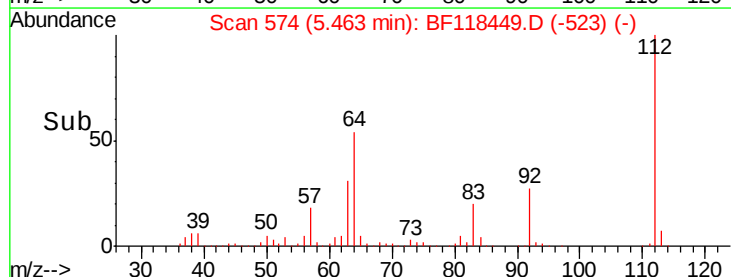


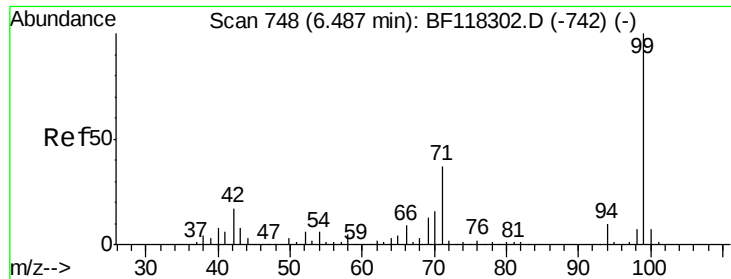
Abundance

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: 106.463 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118449.D

Acq: 2 Jan 2020 21:39

Instrument :

BNA_F

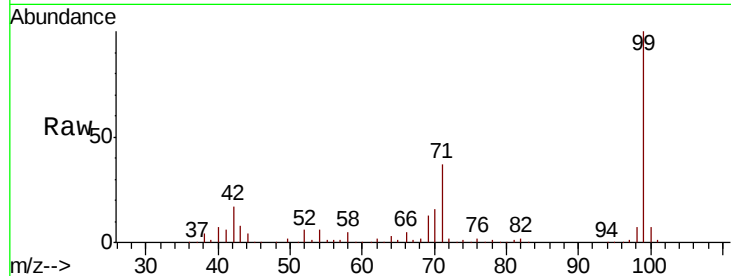
ClientSampled :

GP-4-(3-5)

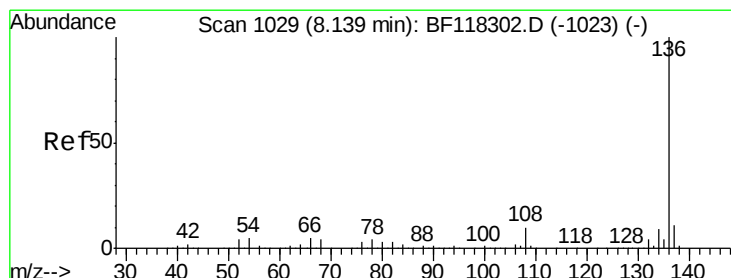
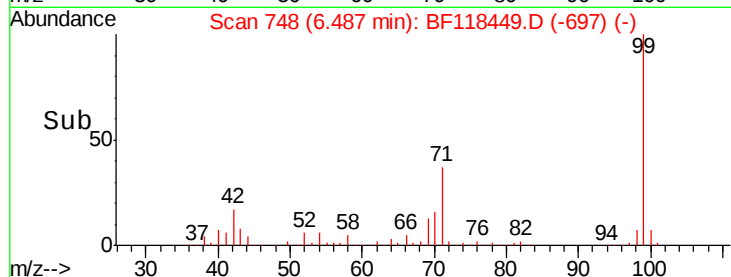
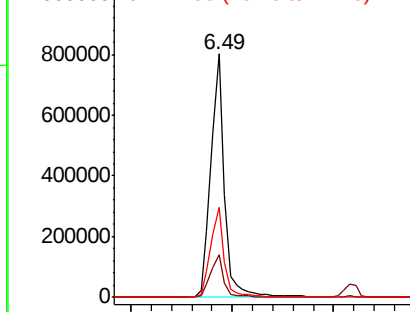
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		762842		
42	17.3	13.5	20.3		
71	36.8	29.4	44.2		

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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

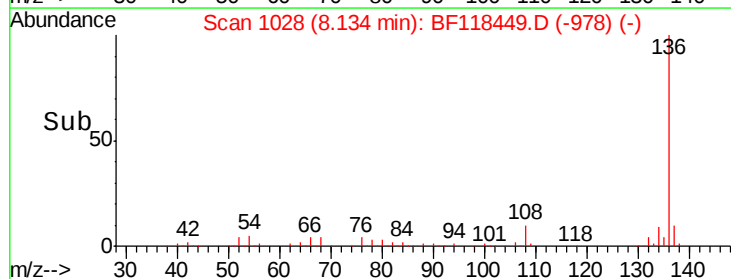
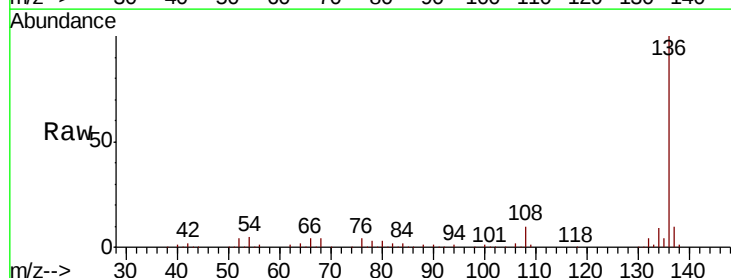
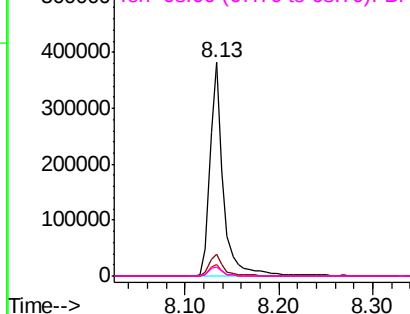
Delta R.T. -0.01 min

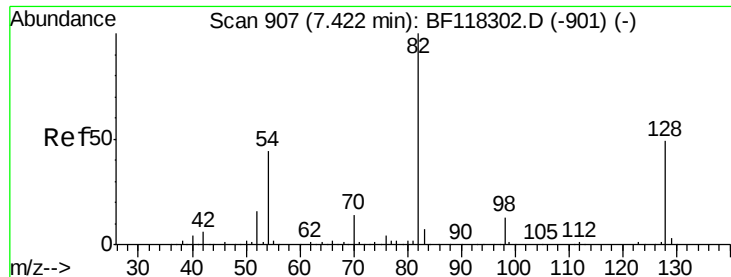
Lab File: BF118449.D

Acq: 2 Jan 2020 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		383814		
137	10.3	8.9	13.3		
54	5.3	4.2	6.4		
68	3.9	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





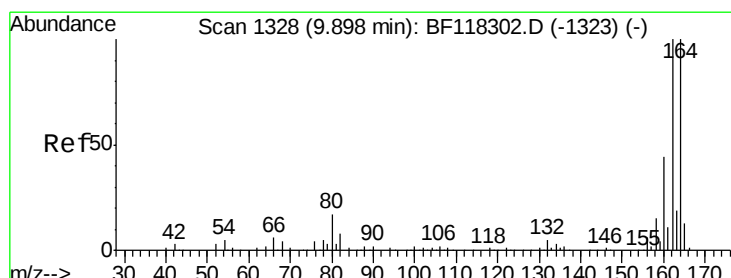
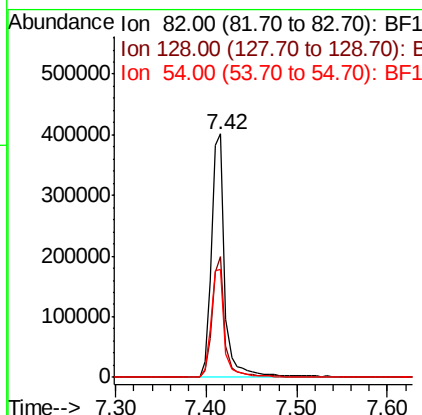
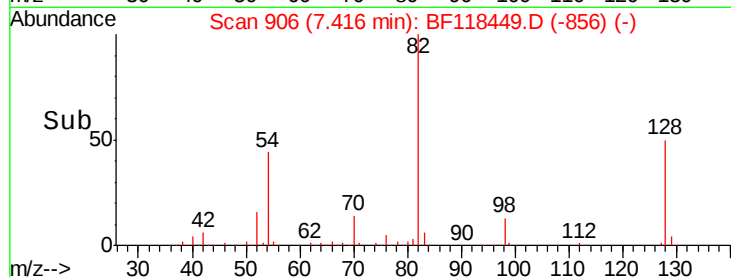
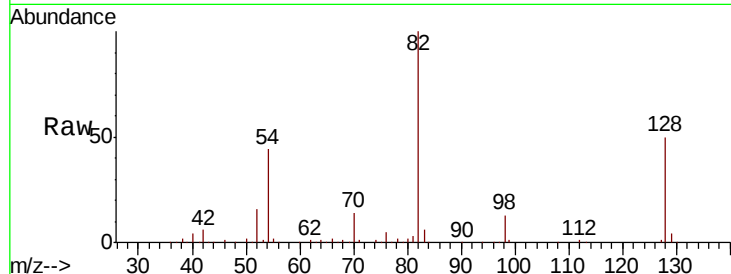
#23
Nitrobenzene-d5
Concen: 62.931 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.6	39.6	59.4
54	44.2	34.9	52.3

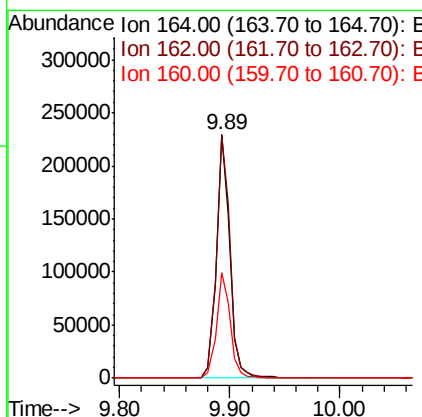
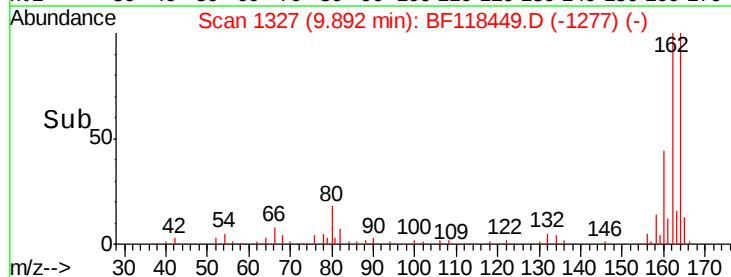
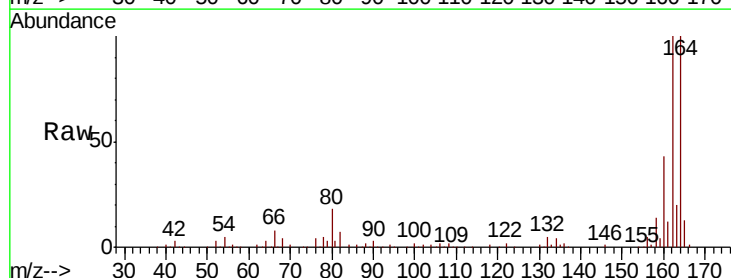
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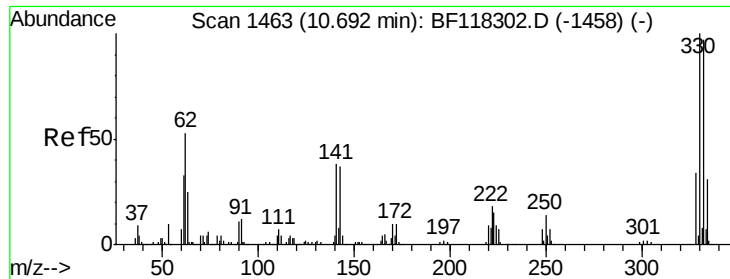
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.0	120.0
160	43.4	34.8	52.2





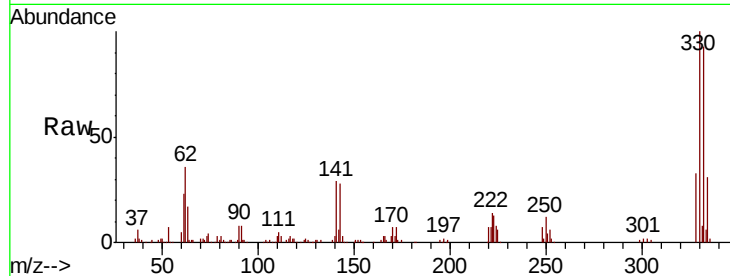
#42
 2,4,6-Tribromophenol
 Concen: 86.463 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF118449.D
 Acq: 2 Jan 2020 21:39

Instrument :
 BNA_F
 ClientSampled :
 GP-4-(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	205101		
332	94.7	76.6	114.8	
141	34.9	26.0	39.0	

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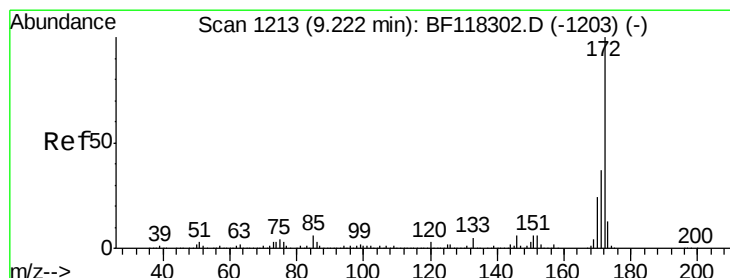
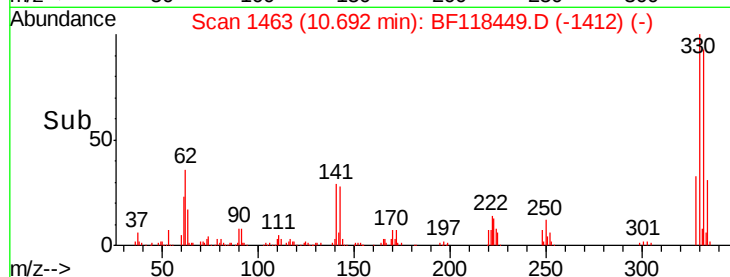
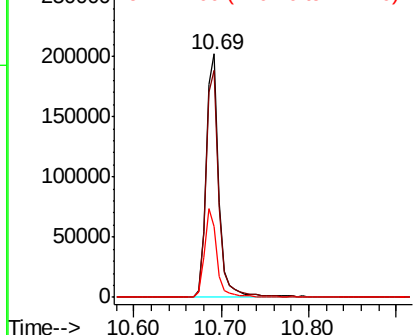


Abundance

Ion 329.80 (329.50 to 330.50): E

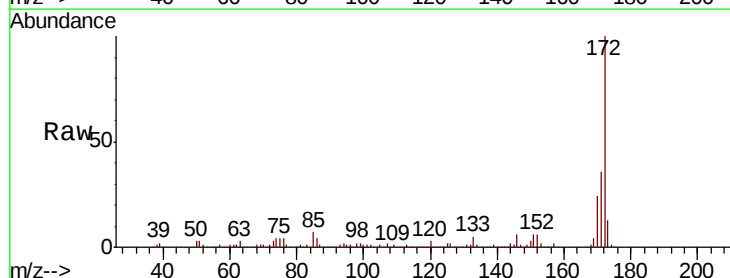
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.344 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118449.D
 Acq: 2 Jan 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	872602		
171	36.0	29.3	43.9	
170	23.6	19.2	28.8	

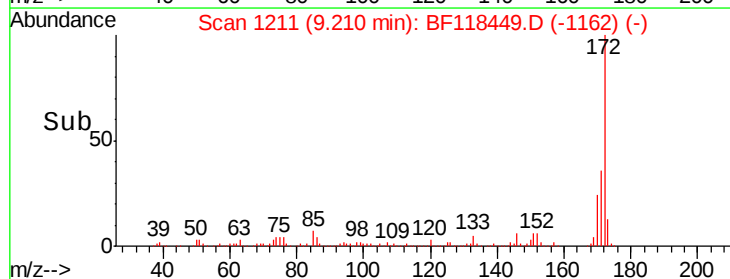
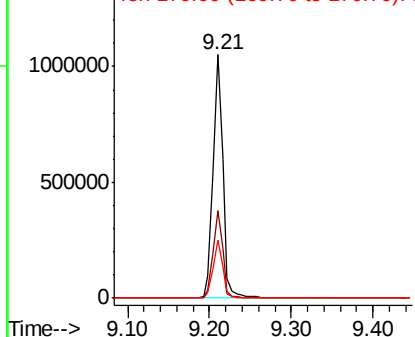


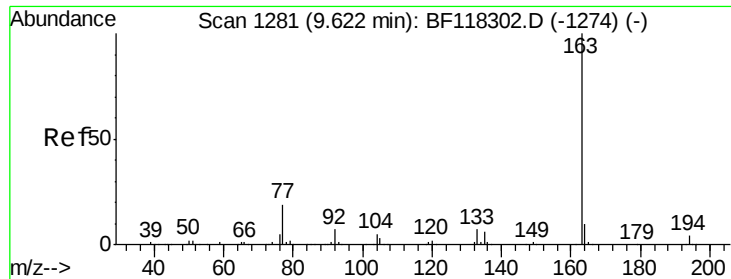
Abundance

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





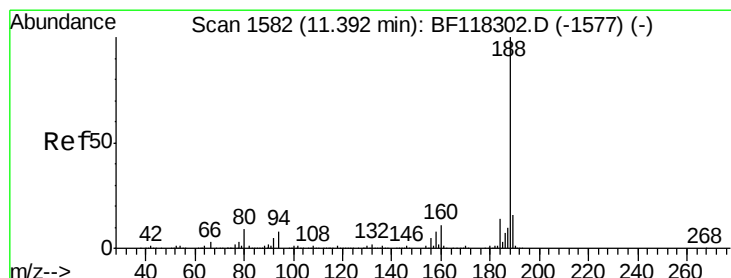
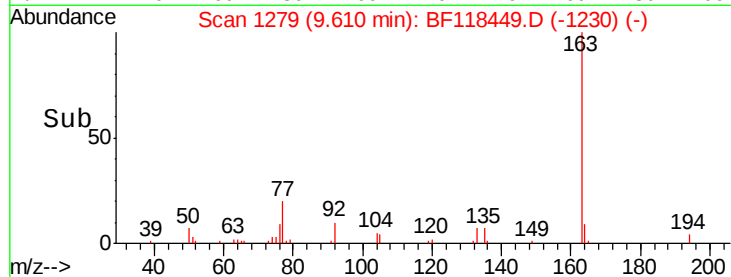
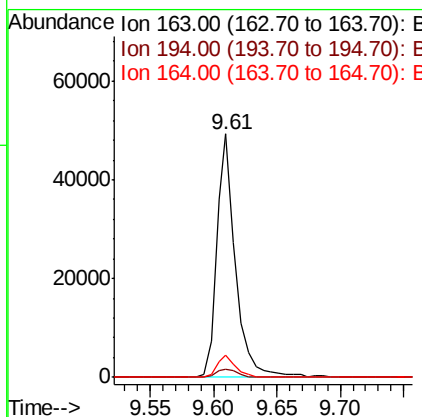
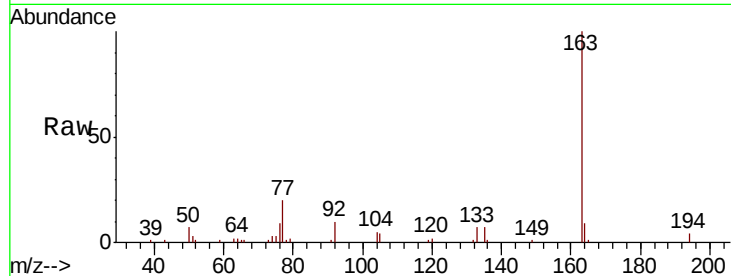
#50
Dimethylphthalate
Concen: 3.529 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	50880		
194	3.6		3.2	4.8
164	9.2		7.9	11.9

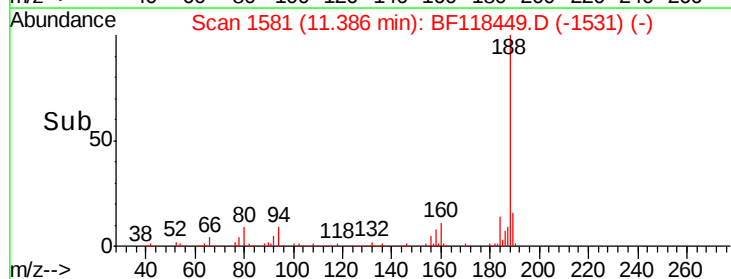
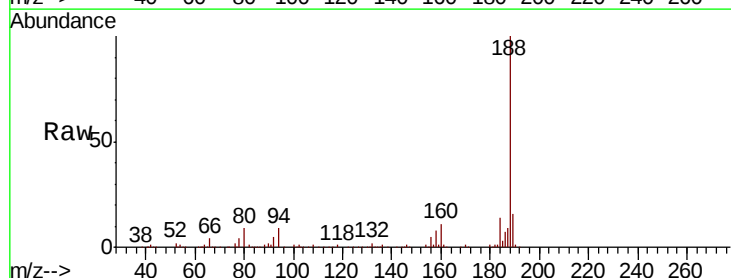
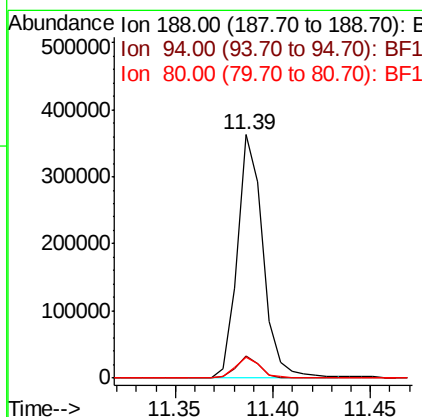
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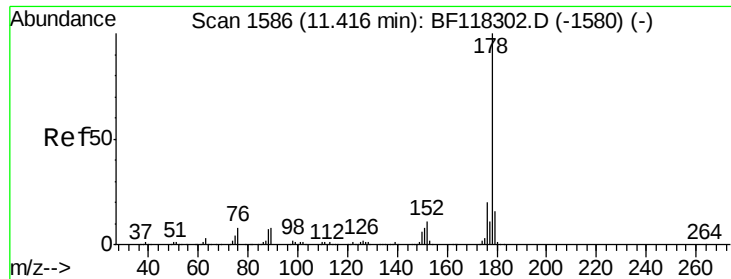
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	330448		
94	9.3		6.7	10.1
80	8.7		7.2	10.8





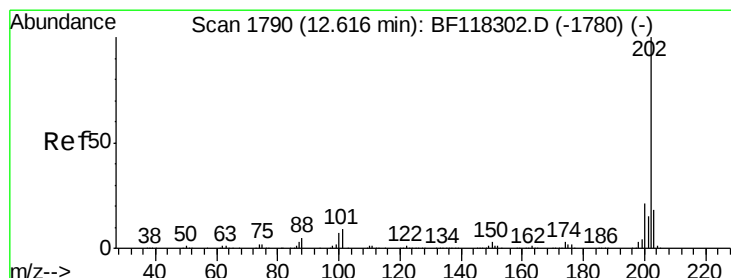
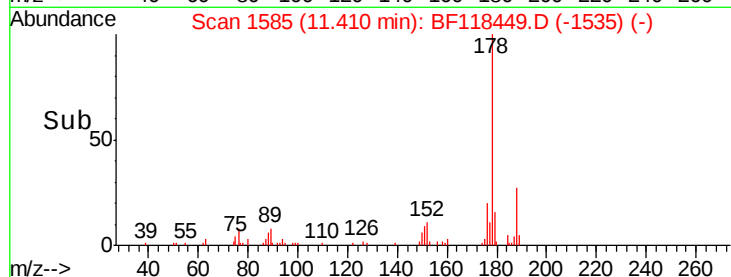
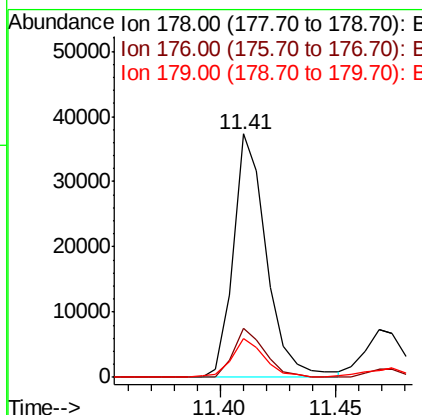
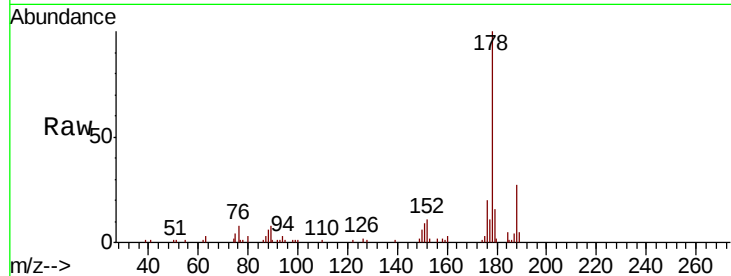
#71
Phenanthrene
Concen: 2.075 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	15.8	12.6	19.0

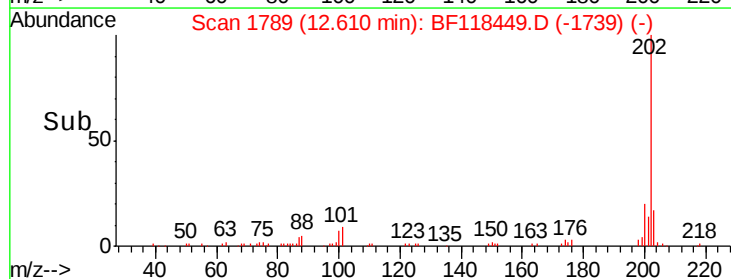
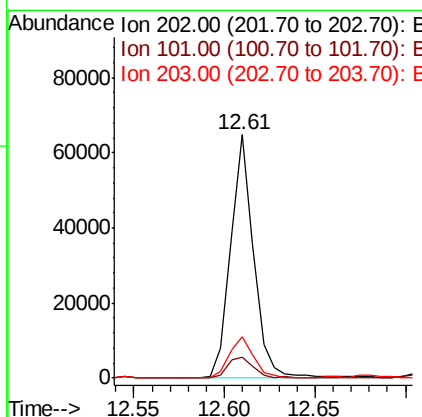
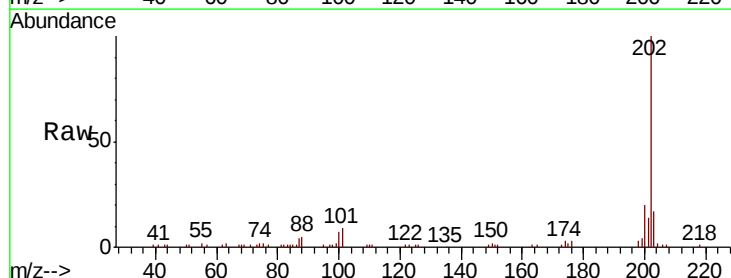
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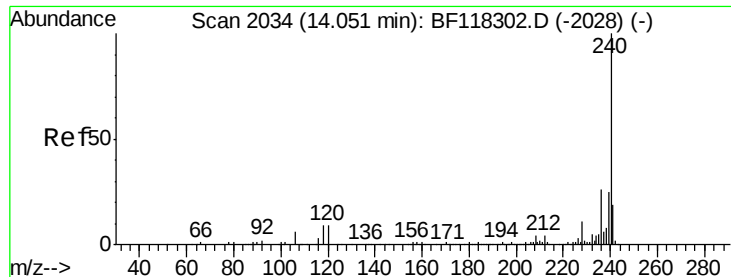
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#75
Fluoranthene
Concen: 3.183 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.5
203	16.9	0.0	37.6





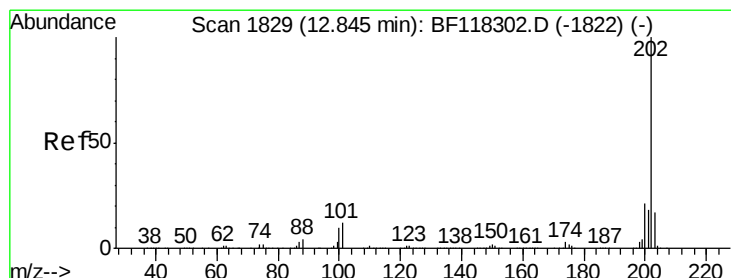
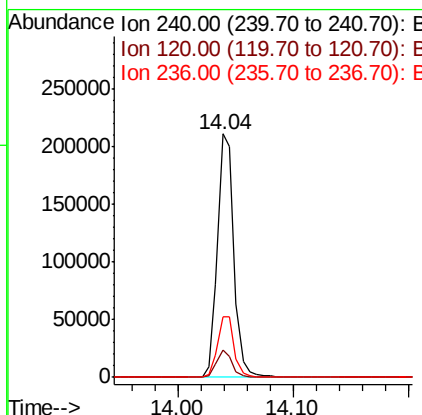
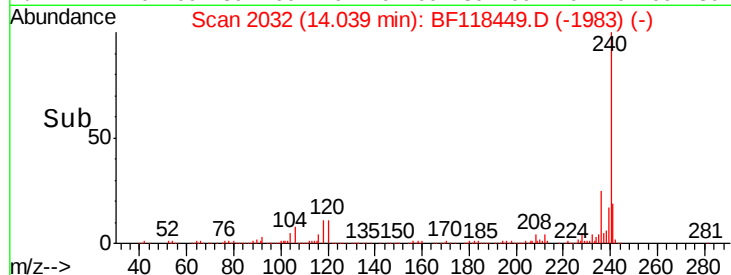
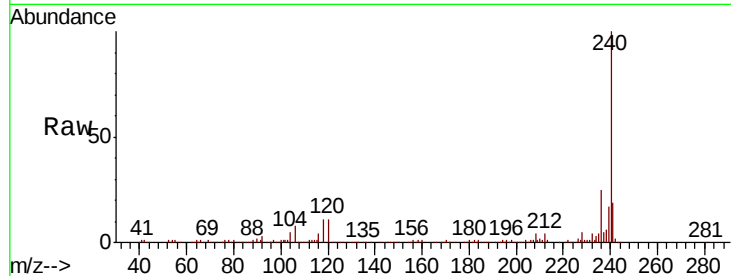
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.1	10.7#
236	24.6	21.0	31.6

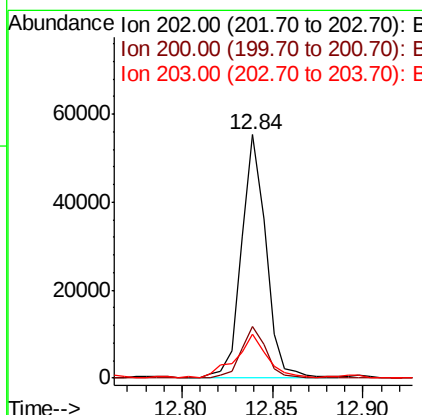
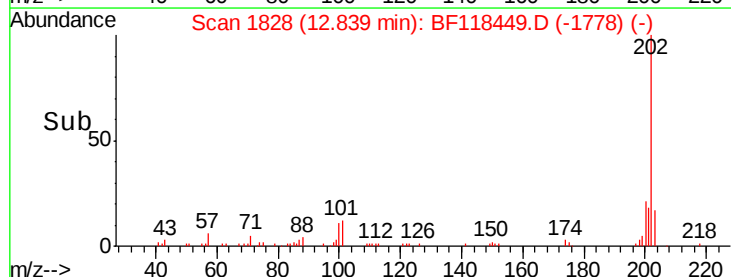
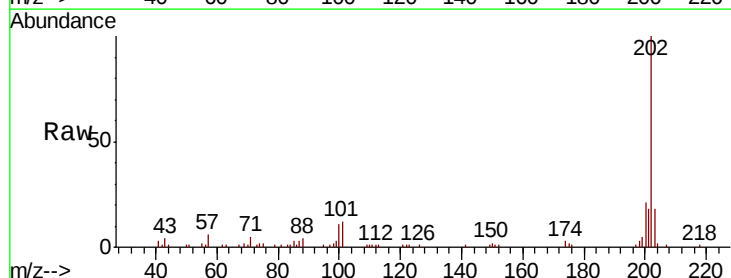
Manual Integrations
APPROVED

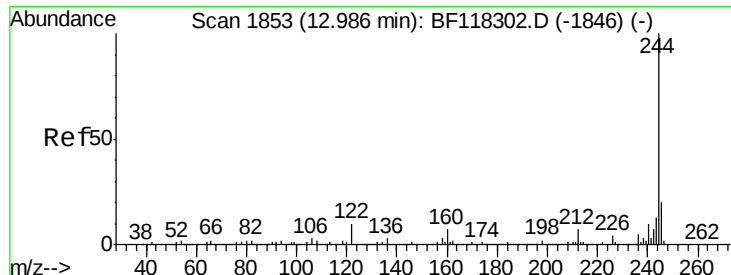
mohammad
1/3/2020 11:04:40 AM



#78
Pyrene
Concen: 3.056 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.9	13.9	20.9





#79

Terphenyl-d14

Concen: 64.597 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF118449.D

Acq: 2 Jan 2020 21:39

Instrument :

BNA_F

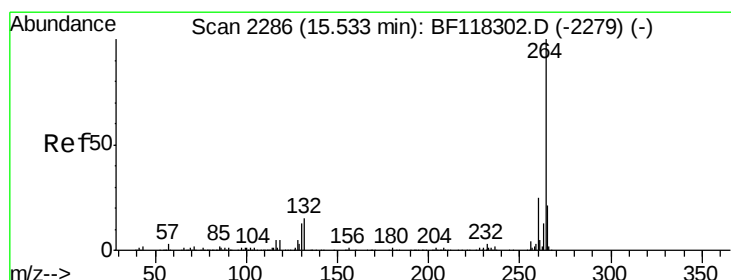
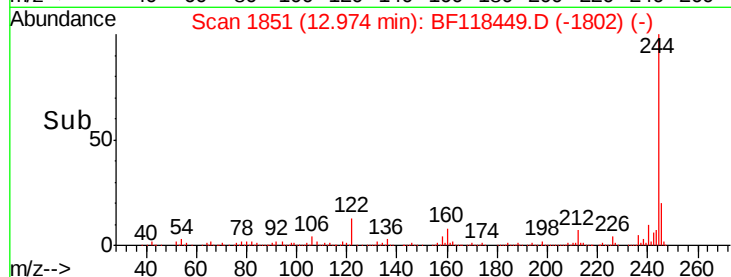
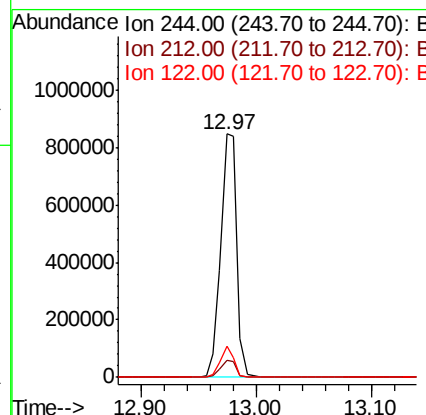
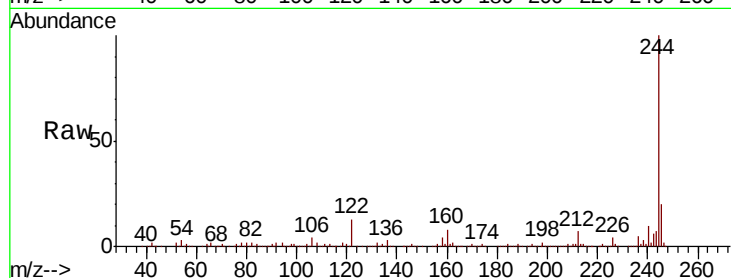
ClientSampled :

GP-4-(3-5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	12.5	7.8	11.8

Manual Integrations
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#87

Perylene-d12

Concen: 20.000 ng

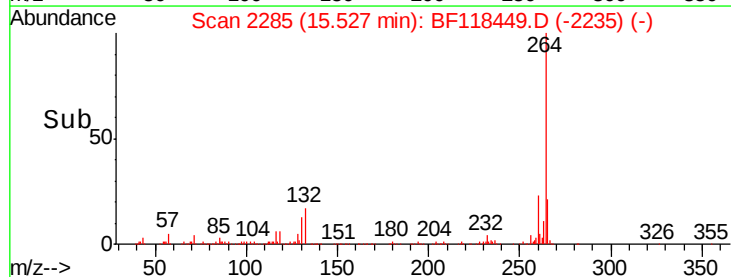
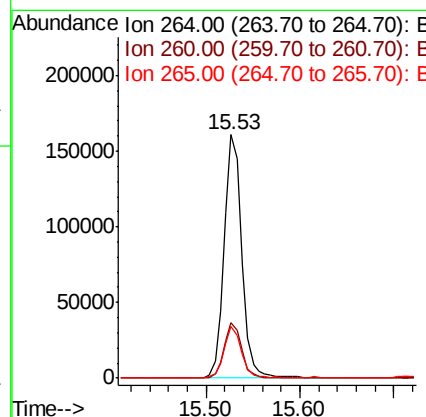
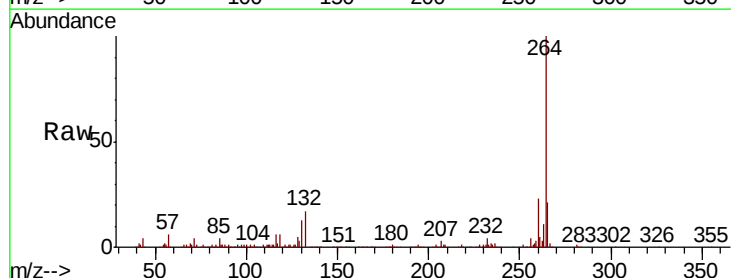
RT: 15.53 min Scan# 2285

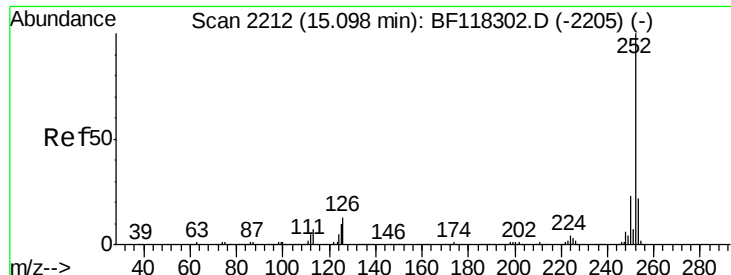
Delta R.T. -0.01 min

Lab File: BF118449.D

Acq: 2 Jan 2020 21:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	21.5	17.0	25.4





#88
 Benzo(b)fluoranthene
 Concen: 2.099 ng/ml
 RT: 15.10 min Scan# 2212
 Delta R.T. 0.00 min
 Lab File: BF118449.D
 Acq: 2 Jan 2020 21:39

Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(3-5)

Tot Ion:	252	Resp:	29422
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.5	26.3
125	11.9	7.7	11.5

Manual Integrations
 APPROVED

mohammad
 1/3/2020 11:04:40 AM

