

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118451.D
 Acq On : 2 Jan 2020 22:34
 Operator : JU
 Sample : K6465-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(1-3)

Manual Integrations
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Quant Time: Jan 03 04:02:04 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	83355	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	326173	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	172279	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	285878	20.00	ng	0.00
76) Chrysene-d12	14.04	240	190088	20.00	ng	-0.01
87) Perylene-d12	15.53	264	200138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	487402	99.81	ng	0.00
7) Phenol-d6	6.49	99	600918	99.20	ng	0.00
23) Nitrobenzene-d5	7.42	82	361563	63.40	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	174269	81.91	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	721162	63.90	ng	-0.01
79) Terphenyl-d14	12.97	244	688588	60.10	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	20894	3.069	ng	85
50) Dimethylphthalate	9.61	163	80369	6.215	ng	100
71) Phenanthrene	11.41	178	57824	3.710	ng	98
75) Fluoranthene	12.61	202	97983	6.230	ng	99
78) Pyrene	12.84	202	83468	5.377	ng	99
81) Benzo(a)anthracene	14.03	228	41292	3.103	ng	97
83) Chrysene	14.07	228	40962	3.215	ng	98
88) Benzo(b)fluoranthene	15.09	252	55022m	4.142	ng	
90) Benzo(a)pyrene	15.47	252	34710	2.966	ng	96

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

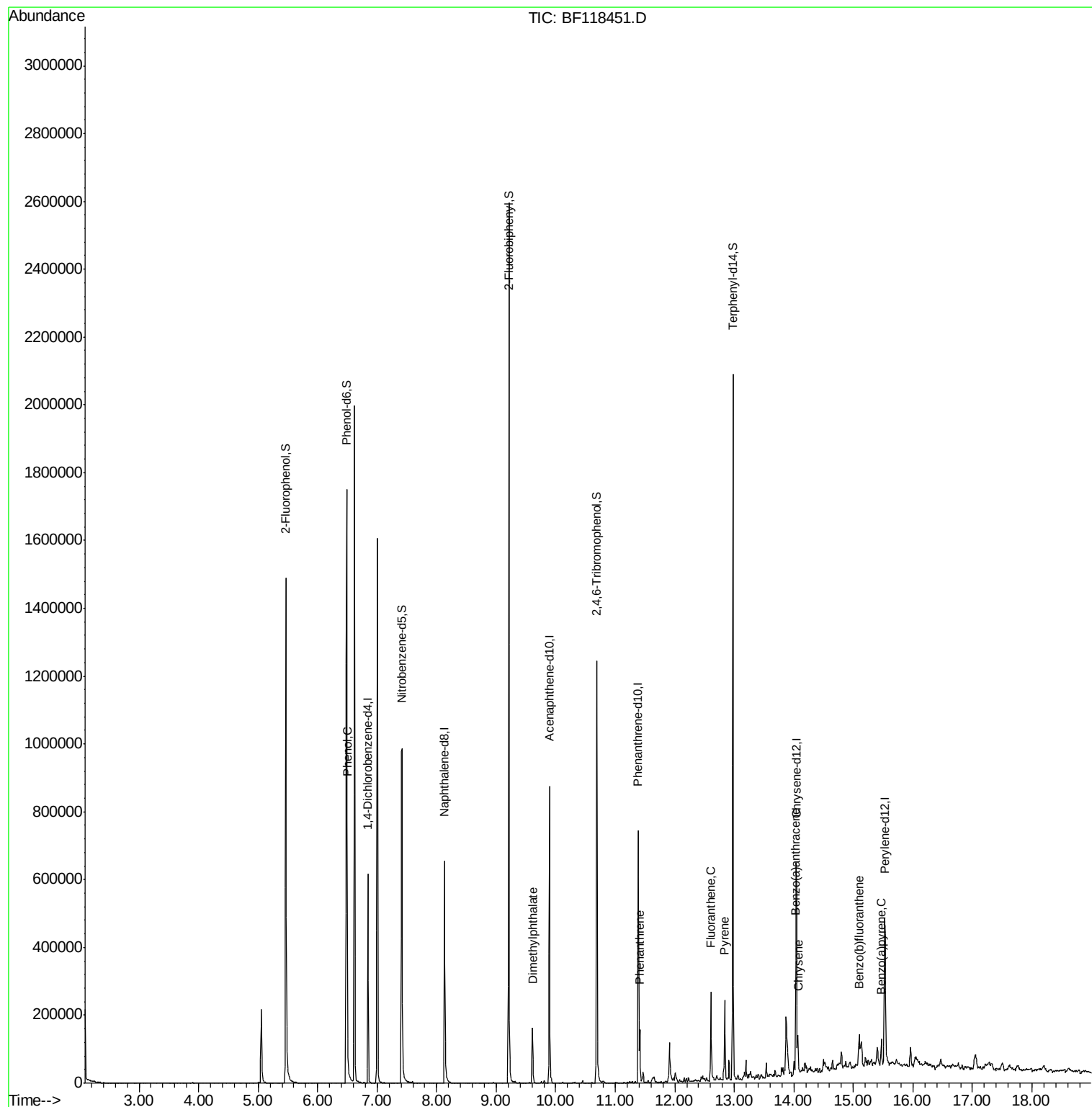
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118451.D
Acq On : 2 Jan 2020 22:34
Operator : JU
Sample : K6465-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

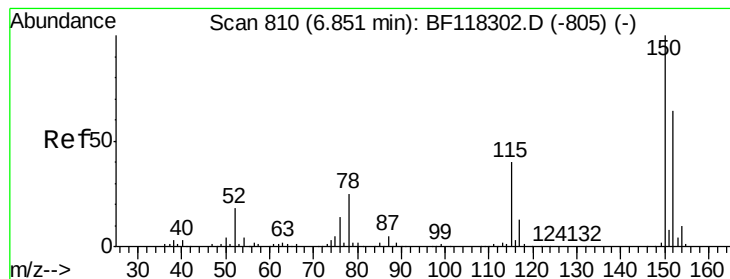
Instrument :
BNA_F
ClientSampleId :
GP-9-(1-3)

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Quant Time: Jan 03 04:02:04 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

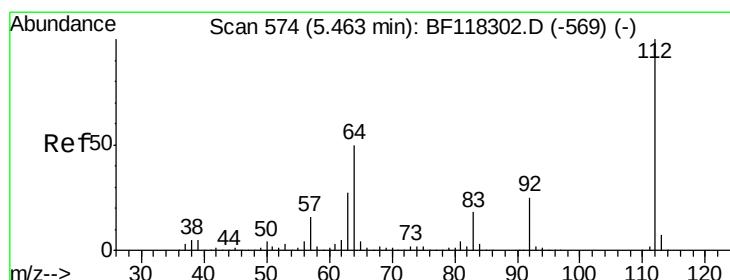
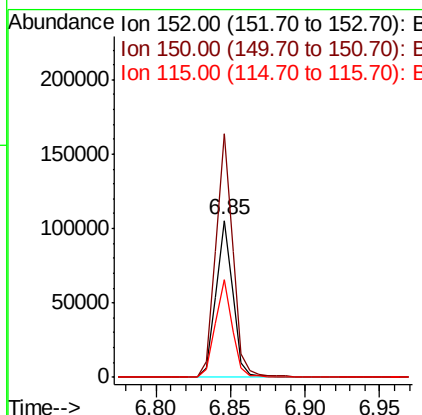
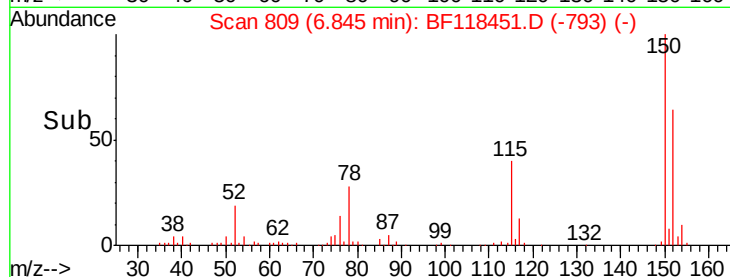
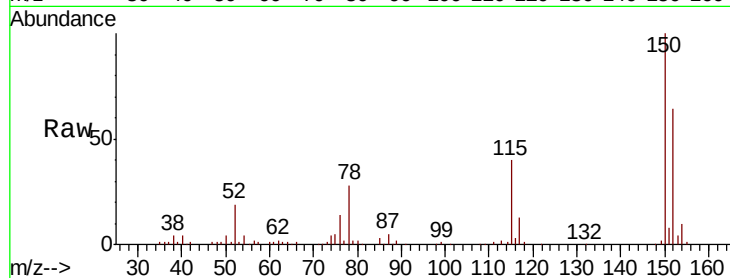
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Instrument :
BNA_F
ClientSampleId :
GP-9-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.4	188.2
115	62.5	50.2	75.4

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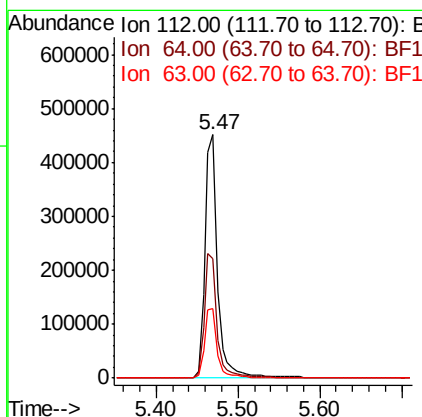
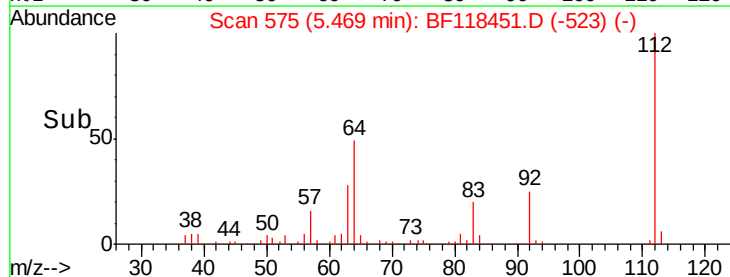
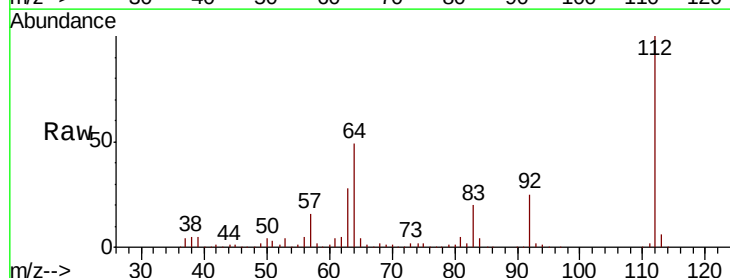
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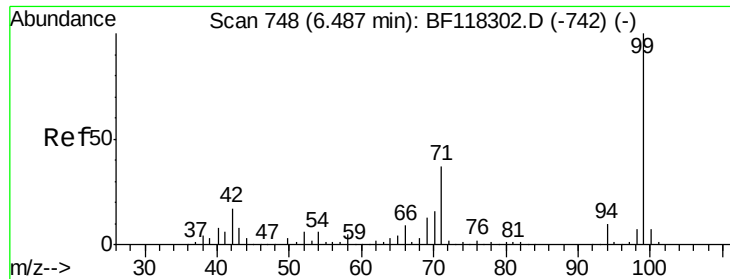


#5

2-Fluorophenol
Concen: 99.813 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.2	39.7	59.5
63	28.5	21.7	32.5





#7

Phenol-d6

Concen: 99.199 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118451.D

Acq: 2 Jan 2020 22:34

Instrument :

BNA_F

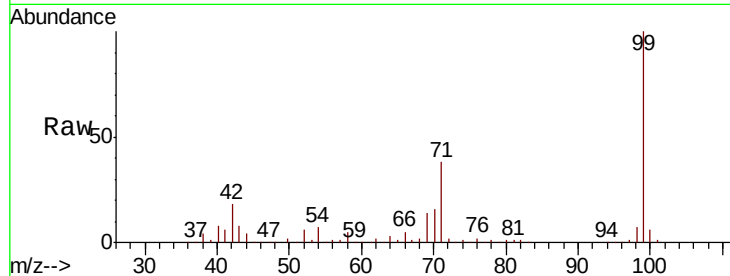
ClientSampled :

GP-9-(1-3)

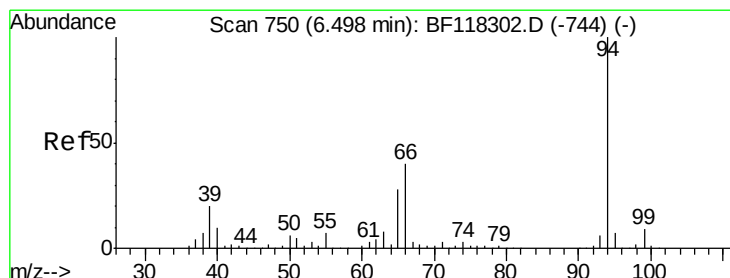
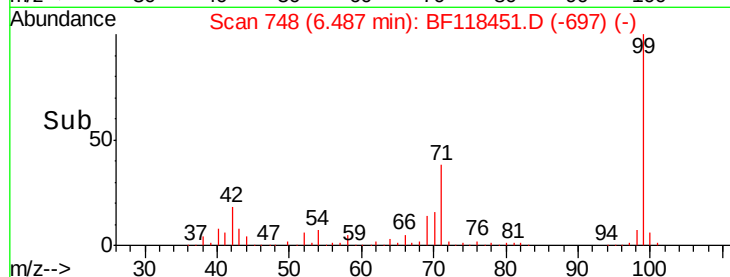
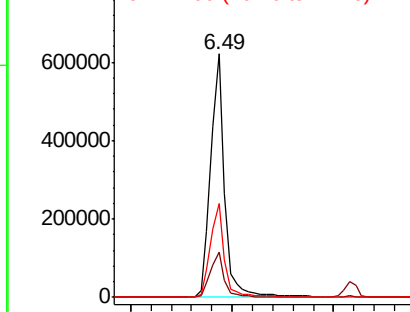
Tot Ion:	99	Resp:	600918
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	38.5	29.4	44.2

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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: 3.069 ng

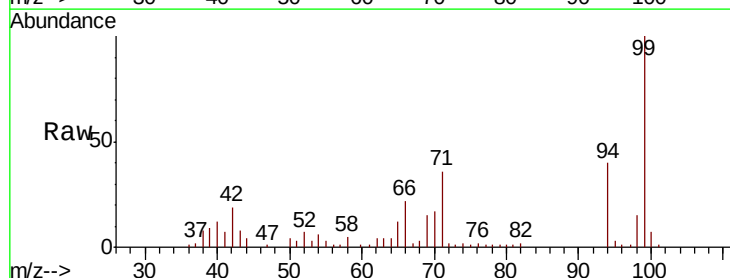
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

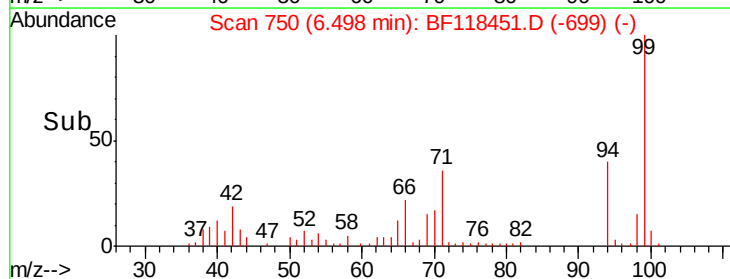
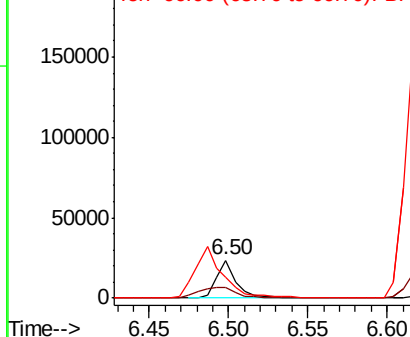
Lab File: BF118451.D

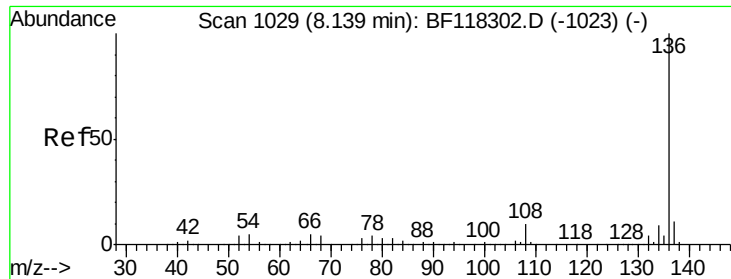
Acq: 2 Jan 2020 22:34

Tgt Ion:	94	Resp:	20894
Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.8	47.8
66	54.7	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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118451.D

Acq: 2 Jan 2020 22:34

Instrument :

BNA_F

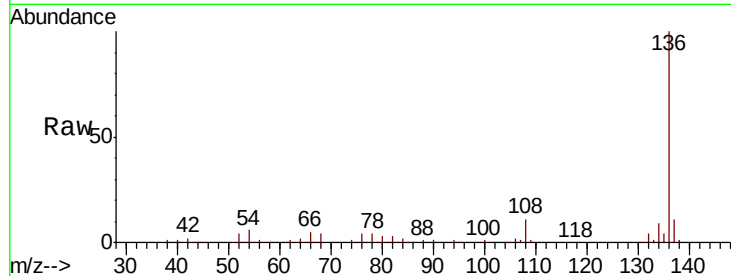
ClientSampleId :

GP-9-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	326173		
137	10.7		8.9	13.3
54	5.8		4.2	6.4
68	4.3		3.5	5.3

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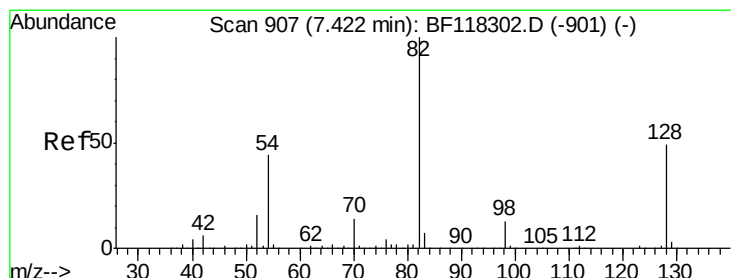
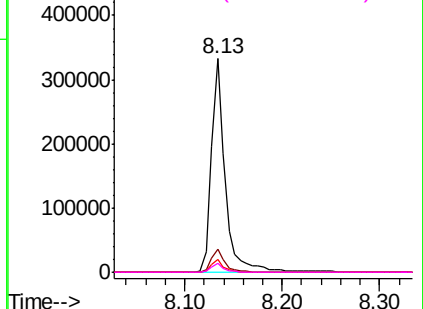
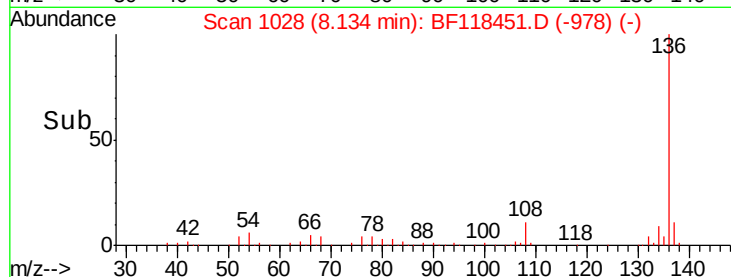
Abundance

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: 63.401 ng

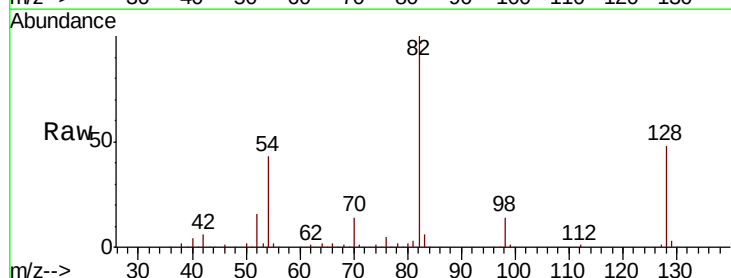
RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF118451.D

Acq: 2 Jan 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	361563		
128	48.2		39.6	59.4
54	43.3		34.9	52.3

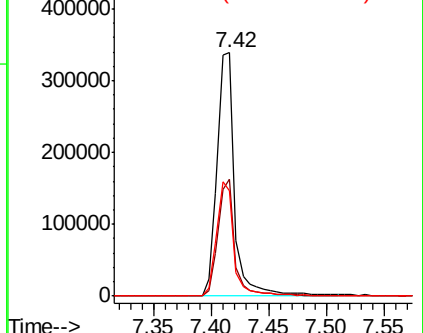
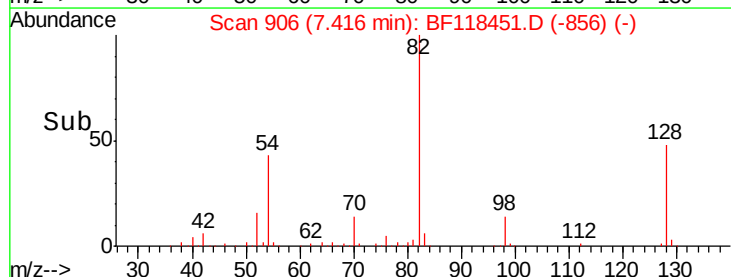


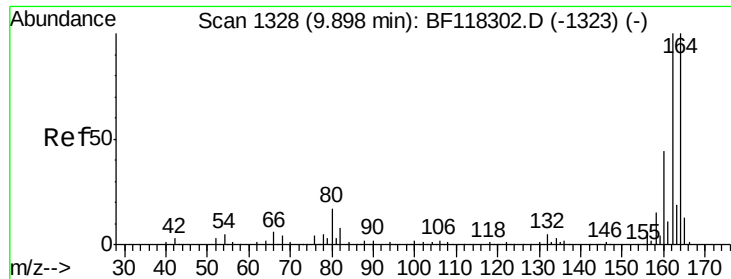
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





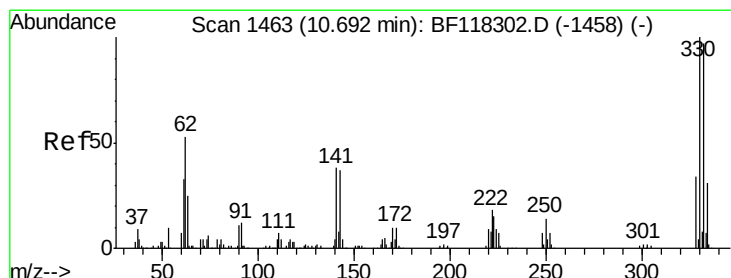
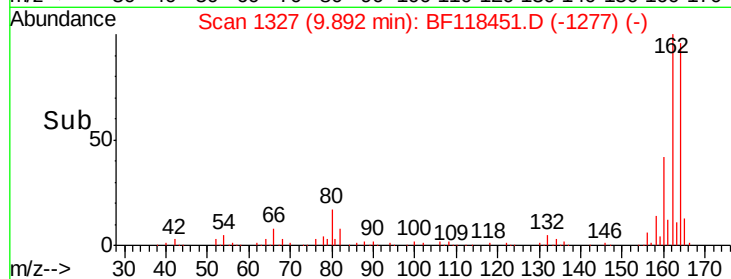
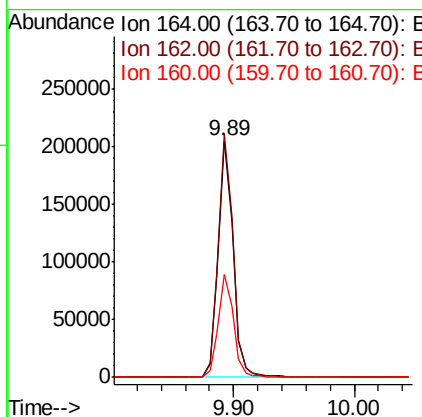
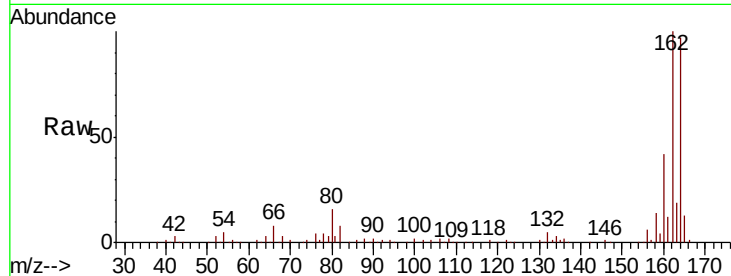
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Instrument :
BNA_F
ClientSampled :
GP-9-(1-3)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.0	120.0
160	43.3	34.8	52.2

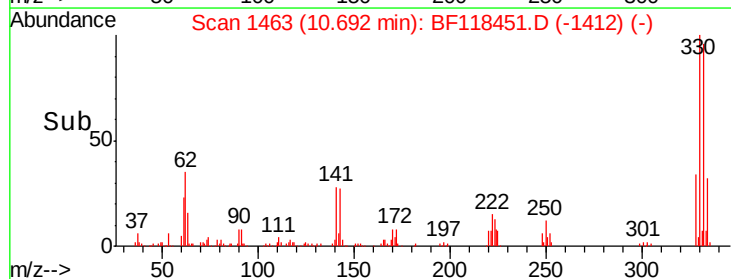
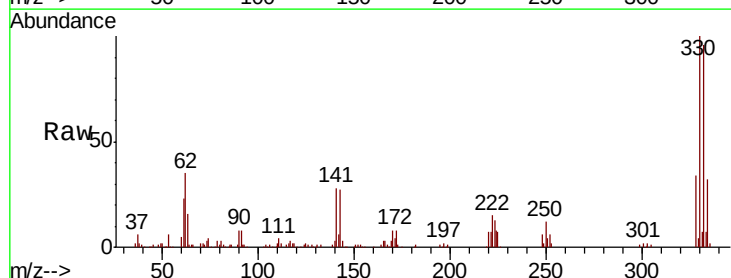
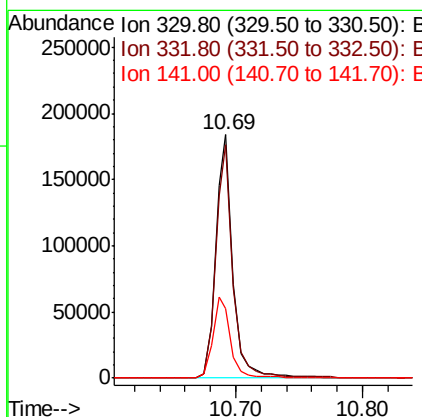
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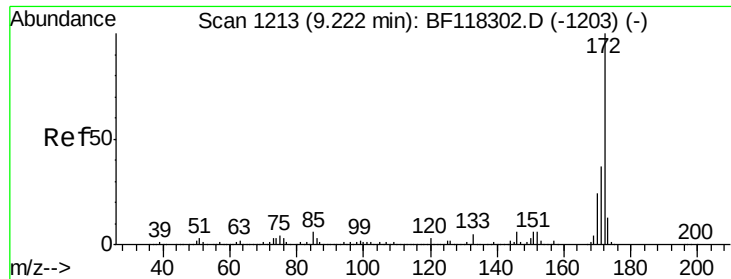
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#42
2,4,6-Tribromophenol
Concen: 81.912 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	34.8	26.0	39.0





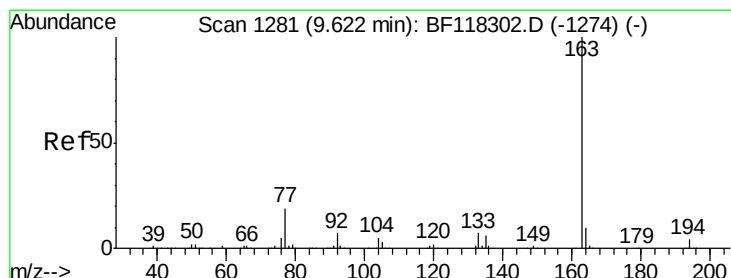
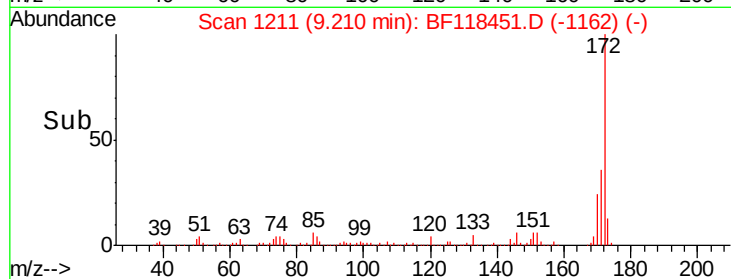
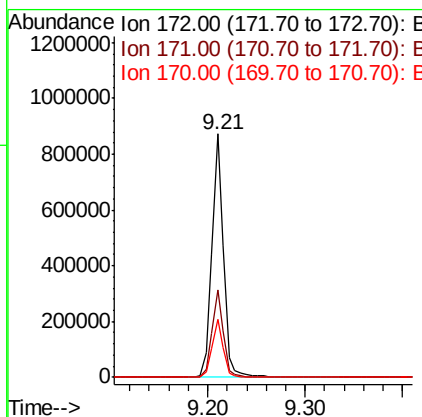
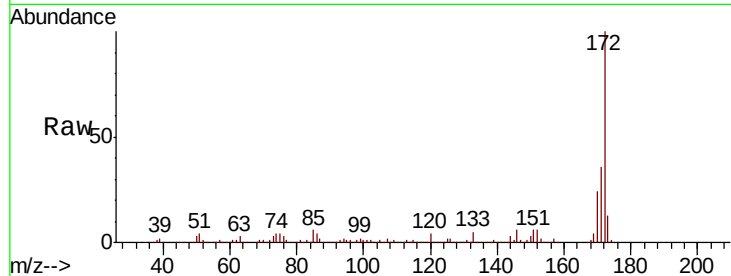
#45
2-Fluorobiphenyl
Concen: 63.898 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Instrument :
BNA_F
ClientSampleId :
GP-9-(1-3)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.6	19.2	28.8

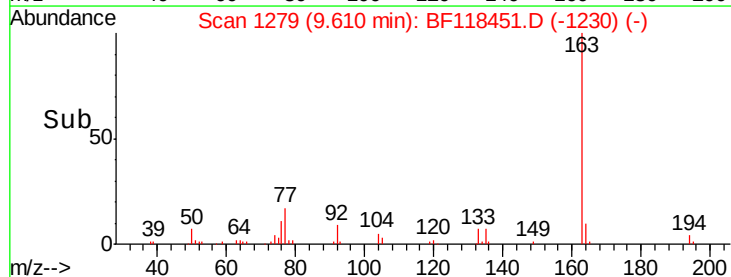
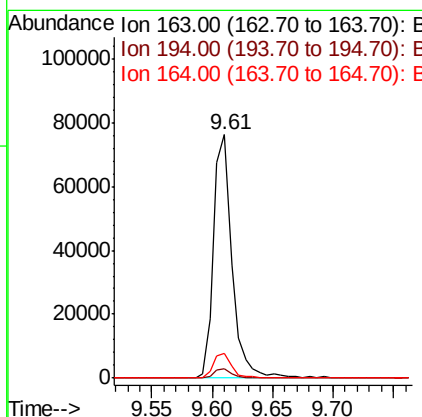
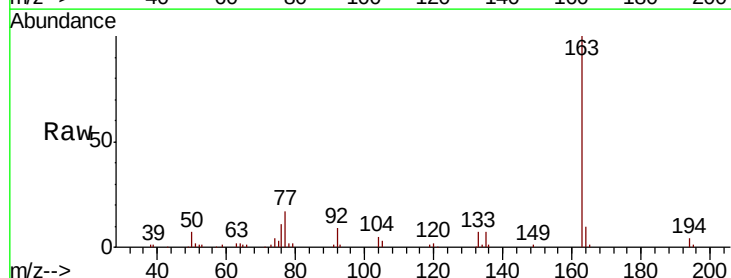
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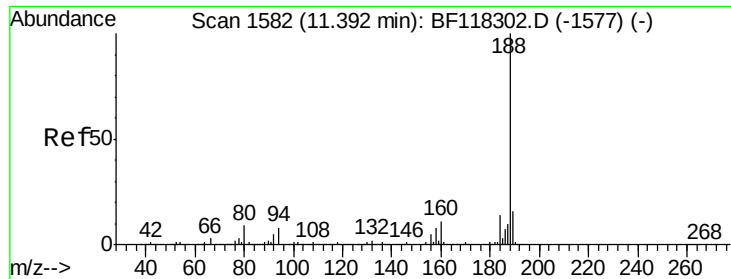
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#50
Dimethylphthalate
Concen: 6.215 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.9	7.9	11.9





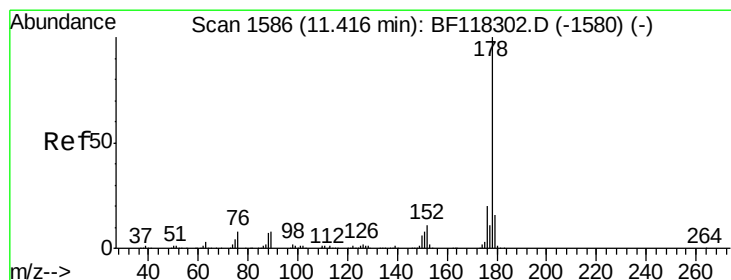
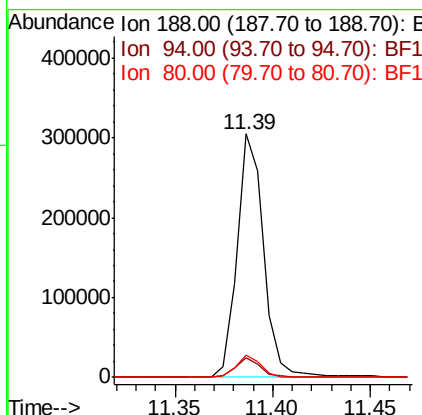
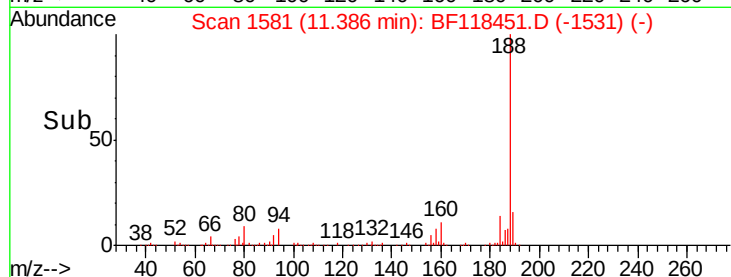
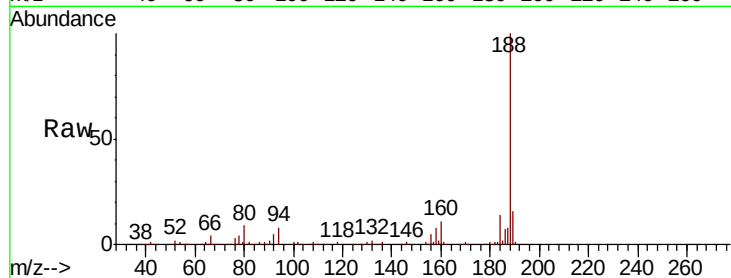
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Instrument :
BNA_F
ClientSampleId :
GP-9-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	285878		
94	8.2		6.7	10.1
80	9.3		7.2	10.8

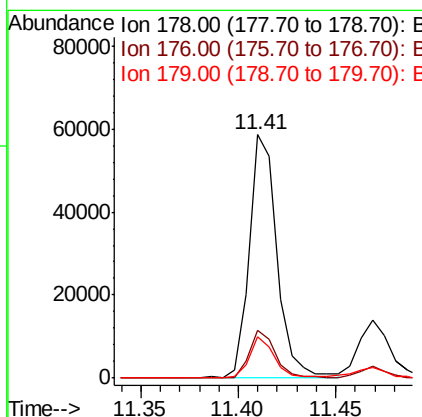
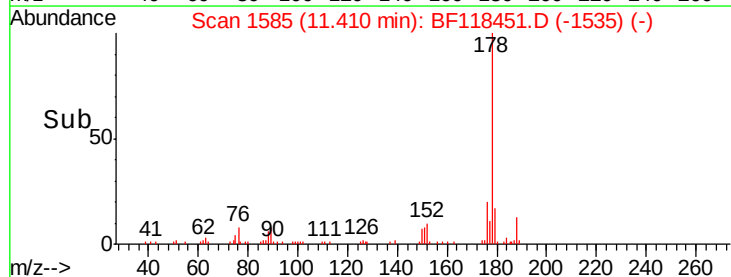
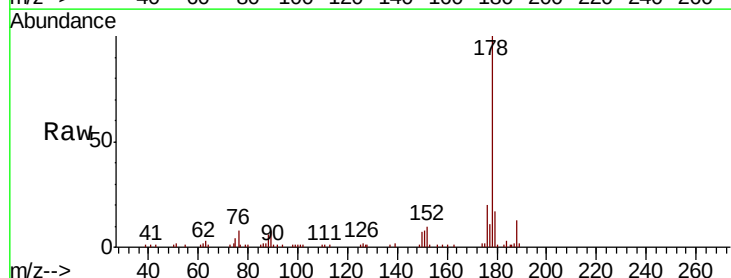
Manual Integrations
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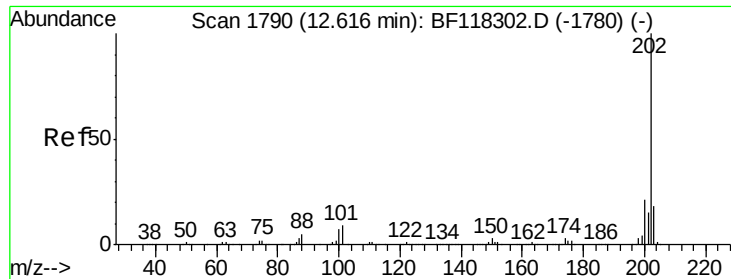
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#71
Phenanthrene
Concen: 3.710 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	57824		
176	19.8		15.6	23.4
179	17.3		12.6	19.0





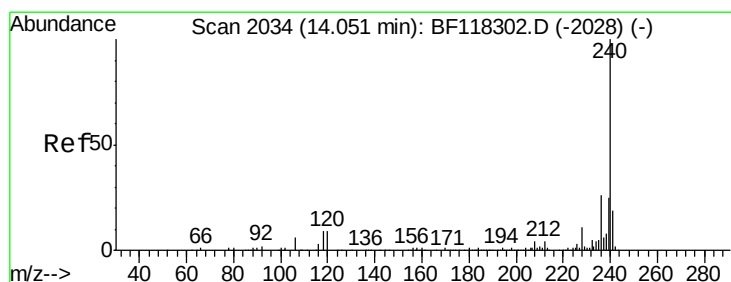
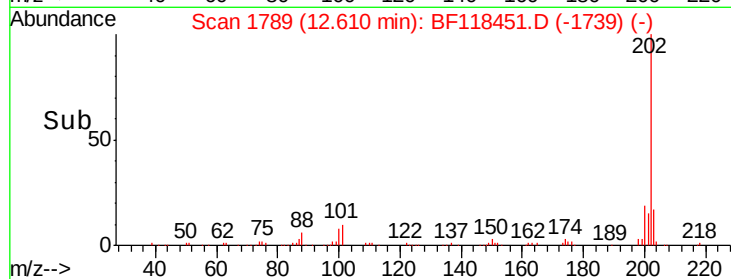
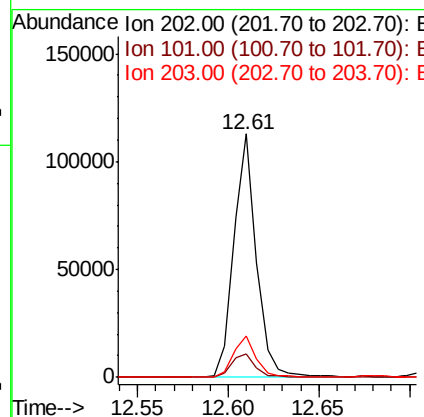
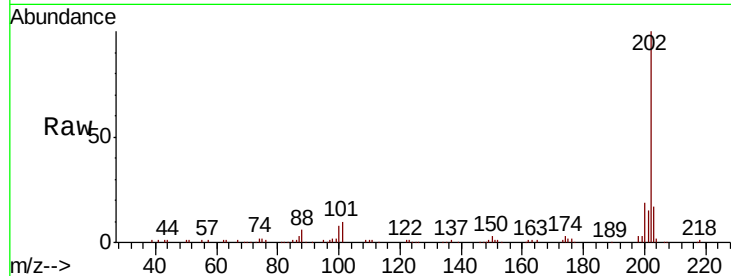
#75
Fluoranthene
Concen: 6.230 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Instrument :
BNA_F
ClientSampleId :
GP-9-(1-3)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	29.5
203	17.2	0.0	37.6

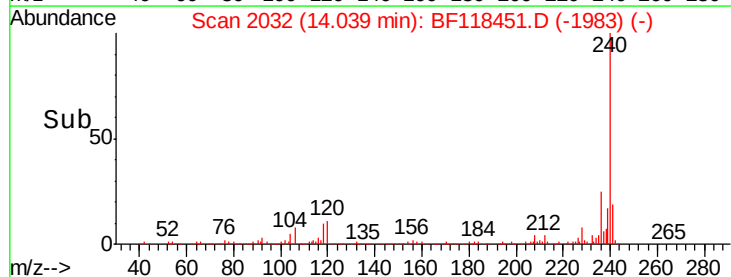
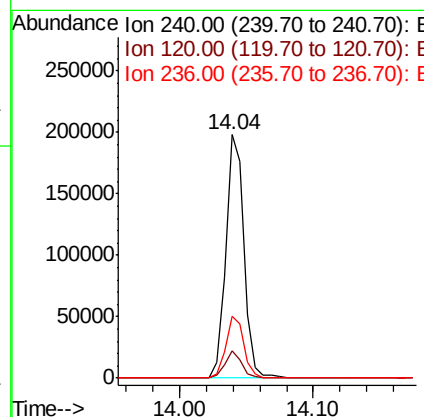
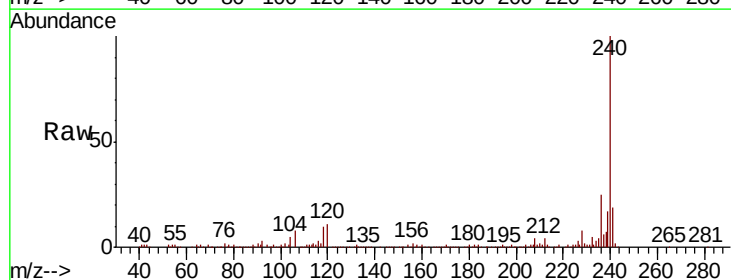
Manual Integrations
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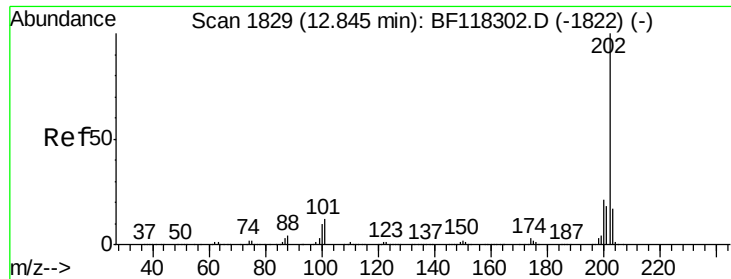
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	7.1	10.7#
236	25.4	21.0	31.6





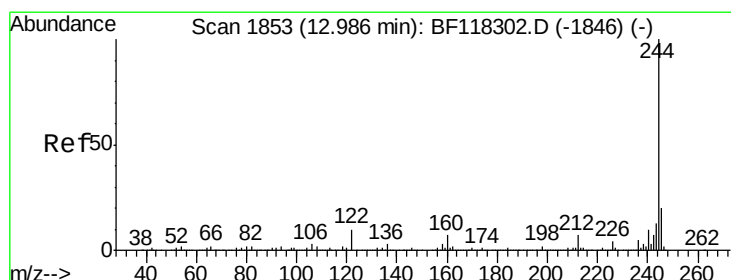
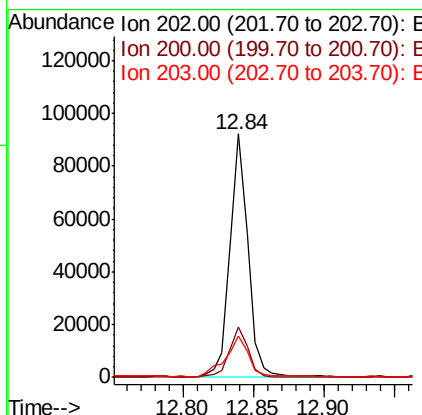
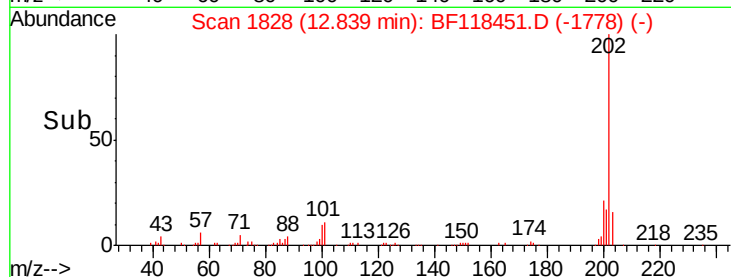
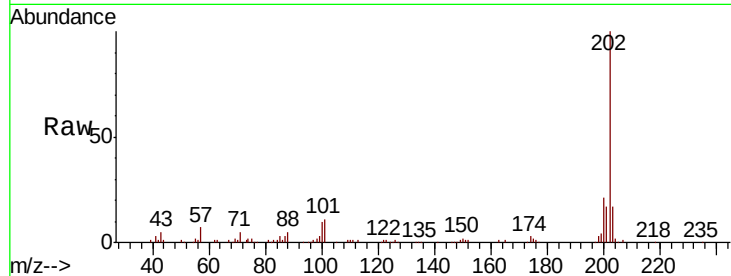
#78
Pvrene
Concen: 5.377 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Instrument :
BNA_F
ClientSampleId :
GP-9-(1-3)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	16.8	13.9	20.9

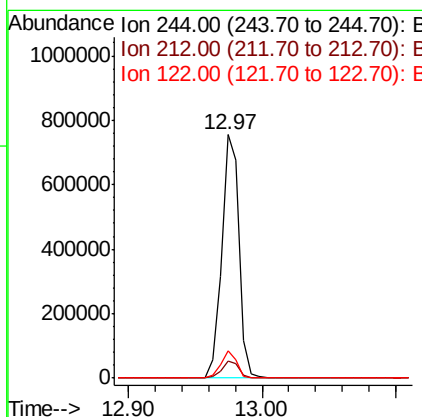
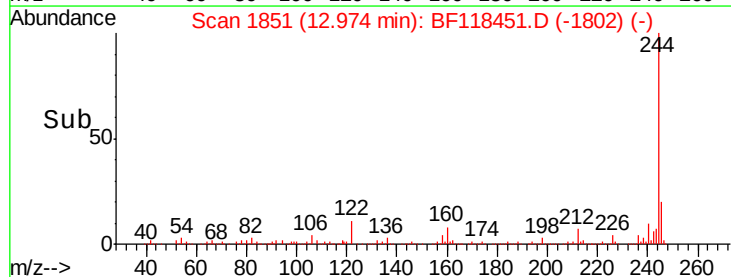
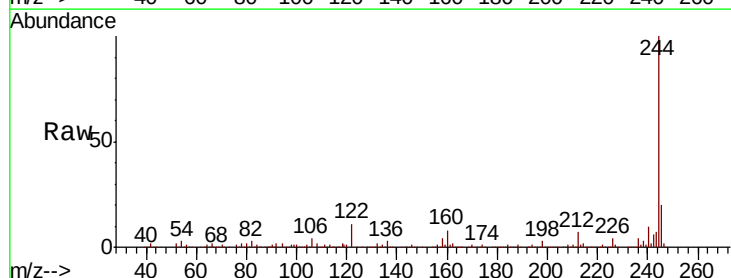
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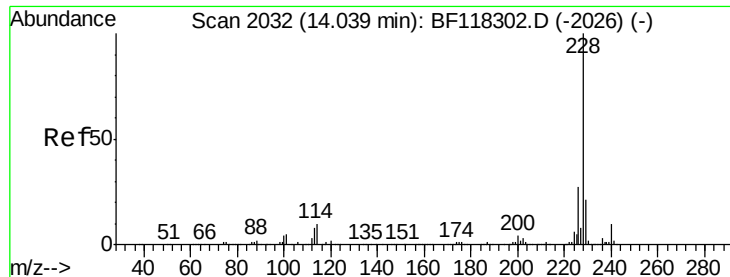
mohammad
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#79
Terphenyl-d14
Concen: 60.098 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.3	7.8	11.8





#81

Benzo(a)anthracene

Concen: 3.103 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118451.D

Acq: 2 Jan 2020 22:34

Instrument :

BNA_F

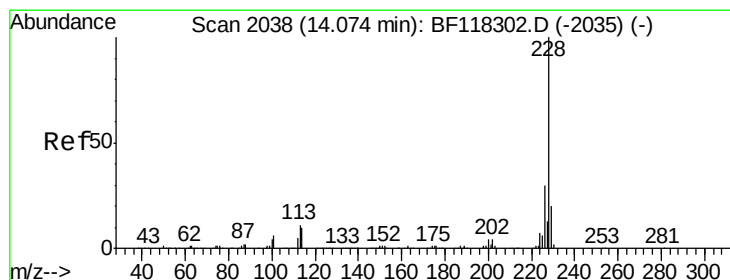
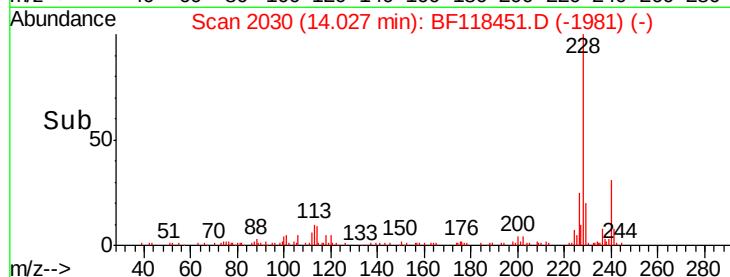
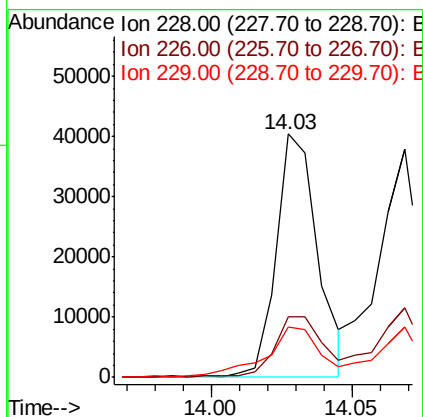
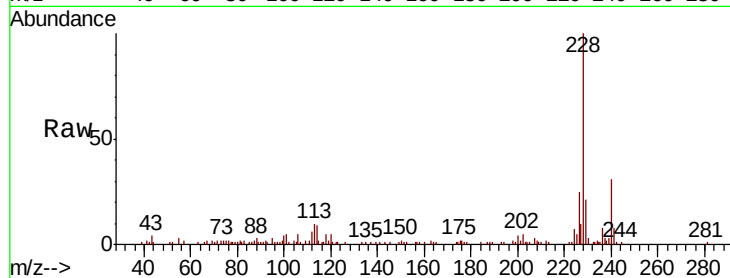
ClientSampled :

GP-9-(1-3)

Tot Ion:	228	Resp:	41292
Ion Ratio	Lower	Upper	
228	100		
226	24.8	22.0	33.0
229	20.6	16.6	24.8

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#83

Chrysene

Concen: 3.215 ng

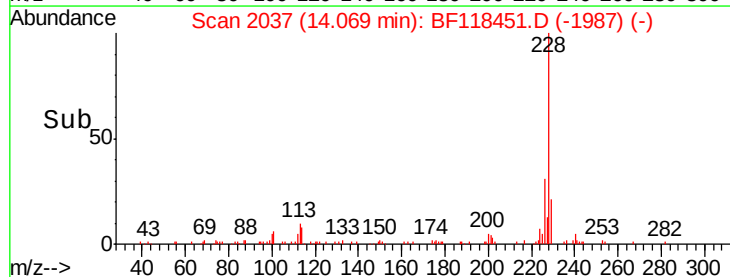
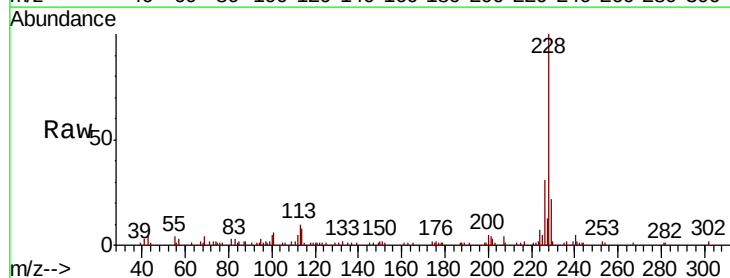
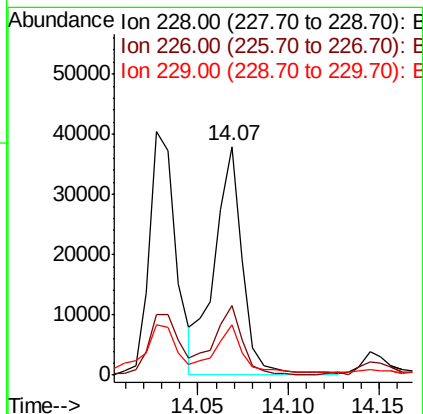
RT: 14.07 min Scan# 2037

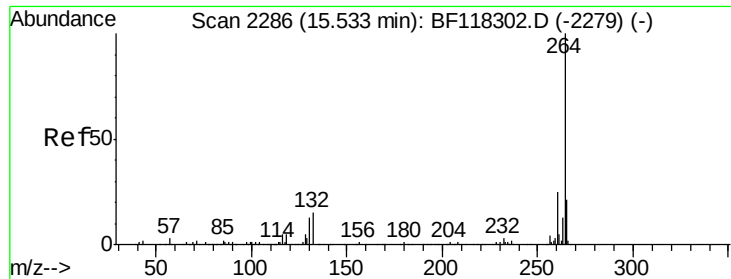
Delta R.T. -0.01 min

Lab File: BF118451.D

Acq: 2 Jan 2020 22:34

Tgt Ion:	228	Resp:	40962
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.9	35.9
229	22.0	16.1	24.1





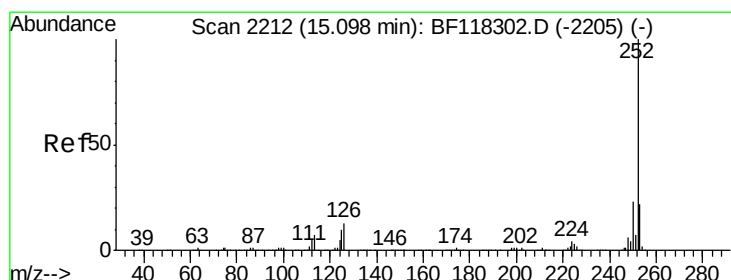
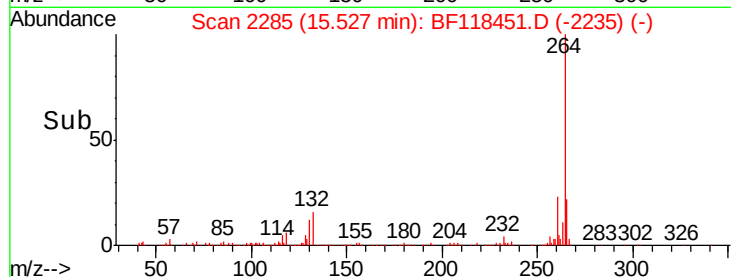
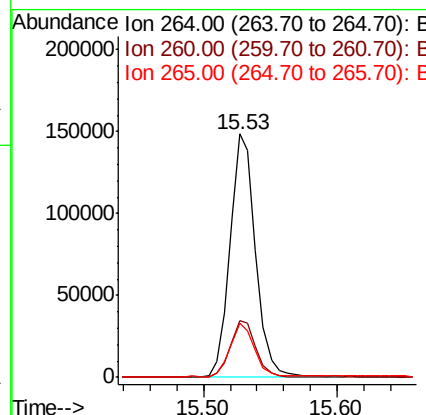
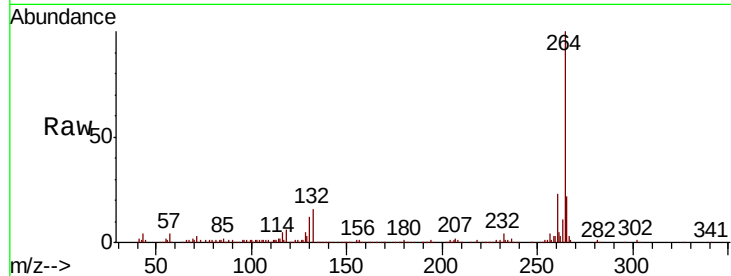
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Instrument :
BNA_F
ClientSampleId :
GP-9-(1-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.8	29.6
265	22.0	17.0	25.4

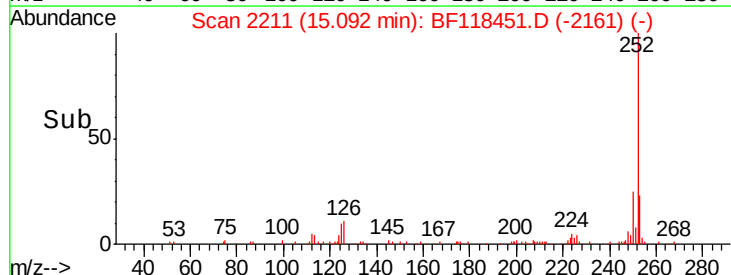
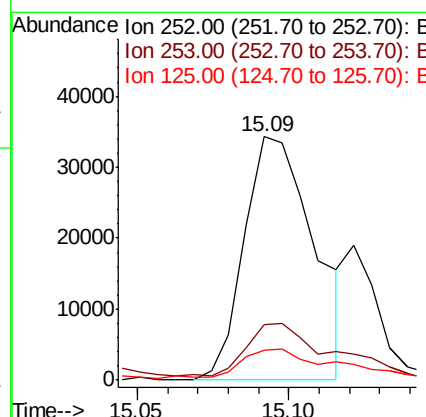
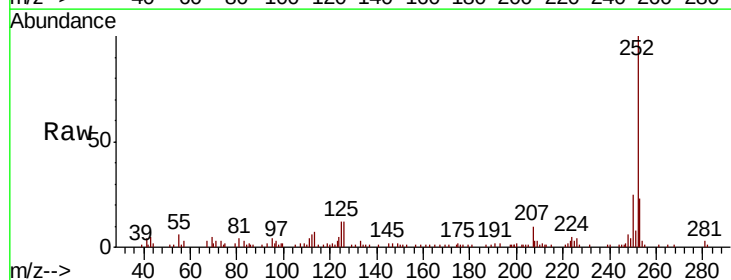
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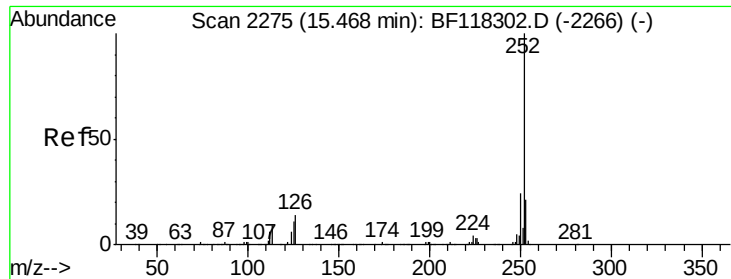
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#88
Benzo(b)fluoranthene
Concen: 4.142 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118451.D
Acq: 2 Jan 2020 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.0	7.7	11.5#





#90
 Benzo(a)pyrene
 Concen: 2.966 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF118451.D
 Acq: 2 Jan 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(1-3)

Tot Ion:	252	Resp:	34710
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	12.1	9.0	13.4

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