

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122120\
 Data File : BF122803.D
 Acq On : 21 Dec 2020 16:42
 Operator : JU/CG
 Sample : L5160-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-019-001-SO

Quant Time: Dec 21 17:17:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

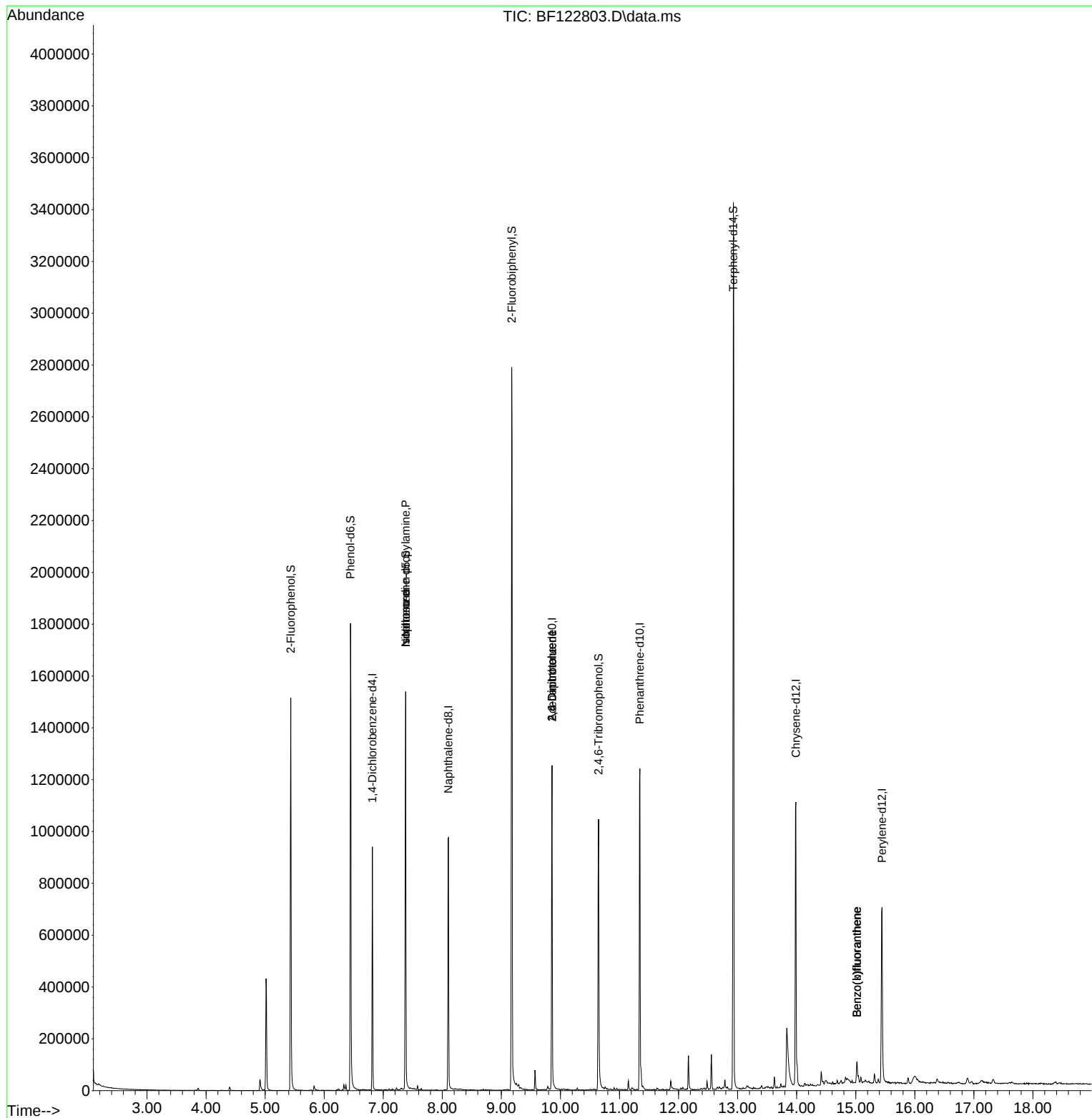
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	131336	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	499363	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	266919	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	510480	20.00	ng	0.00
76) Chrysene-d12	13.986	240	424531	20.00	ng	0.00
86) Perylene-d12	15.445	264	352581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	435520	52.50	ng	0.00
7) Phenol-d6	6.445	99	680344	61.84	ng	-0.01
23) Nitrobenzene-d5	7.380	82	494308	49.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	158071	45.24	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	999292	50.64	ng	-0.01
79) Terphenyl-d14	12.927	244	1173973	48.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.380	70	65887	10.45	ng	Qvalue # 76
25) Isophorone	7.380	82	494303	28.79	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	32946	7.32	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	32946	5.49	ng	# 26
88) Benzo(b)fluoranthene	15.021	252	53629	2.17	ng	99
89) Benzo(k)fluoranthene	15.021	252	53629	2.37	ng	99

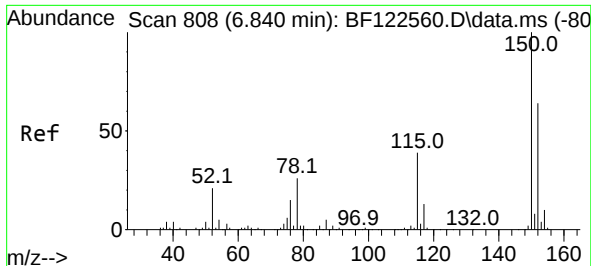
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF122803.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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BNA_F
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LLEXSITUTV-019-001-SO

Quant Time: Dec 21 17:17:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

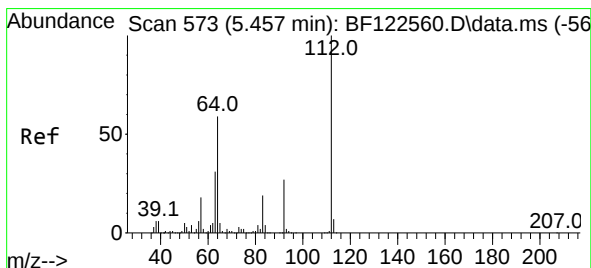
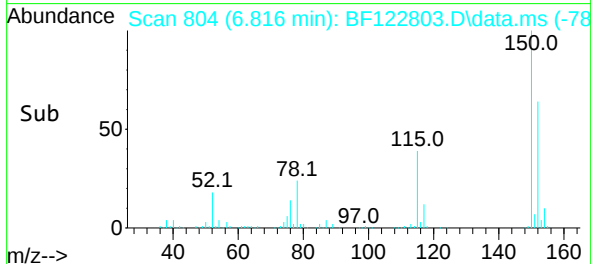
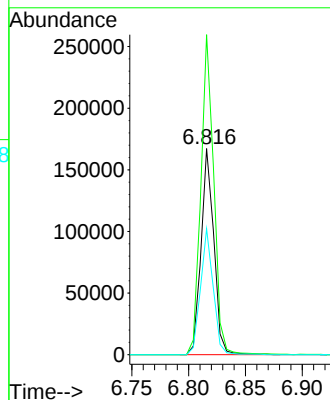
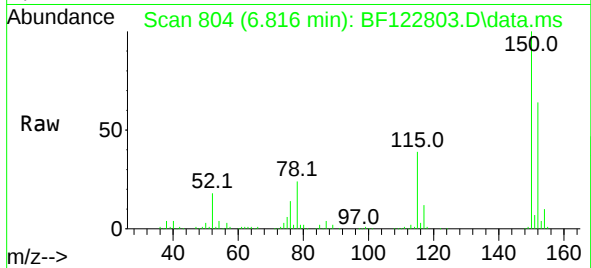




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

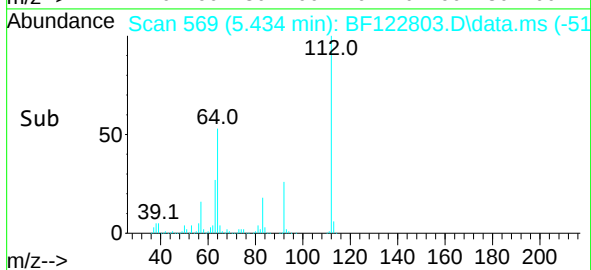
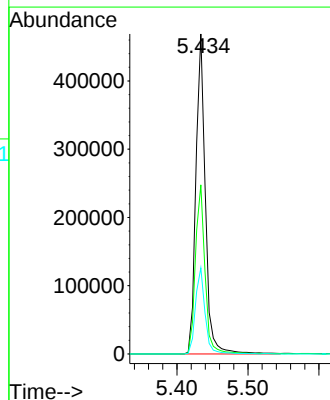
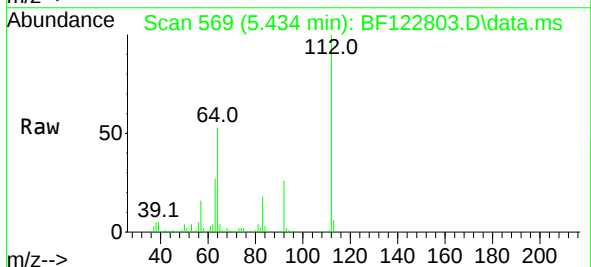
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-019-001-SO

Tgt Ion:152 Resp: 131336
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 61.1 49.3 73.9



#5
2-Fluorophenol
Concen: 52.50 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

Tgt Ion:112 Resp: 435520
Ion Ratio Lower Upper
112 100
64 52.9 46.9 70.3
63 26.9 24.5 36.7

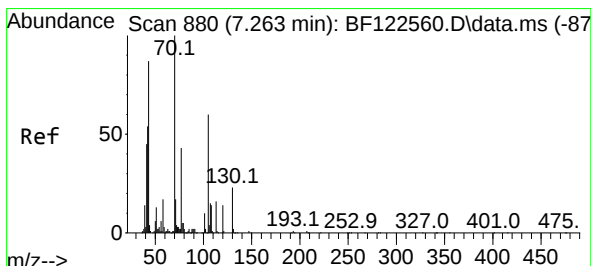
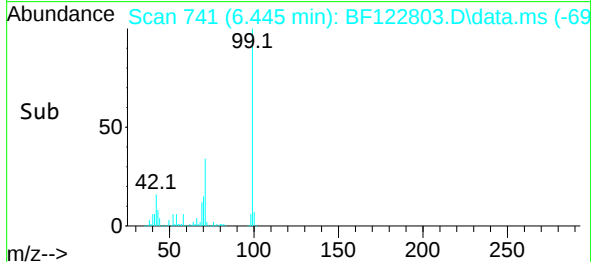
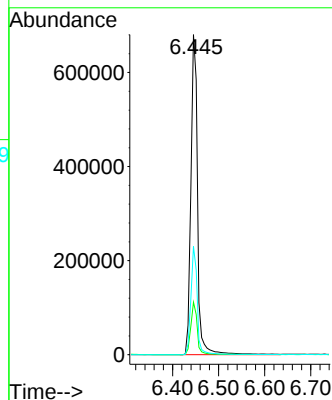
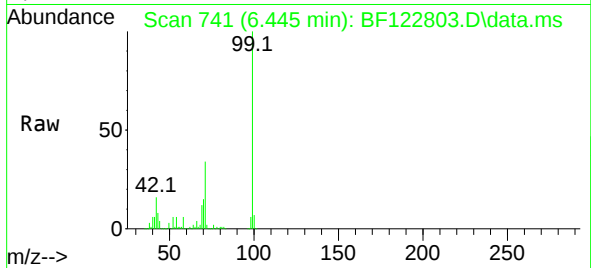




#7
Phenol-d6
Concen: 61.84 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

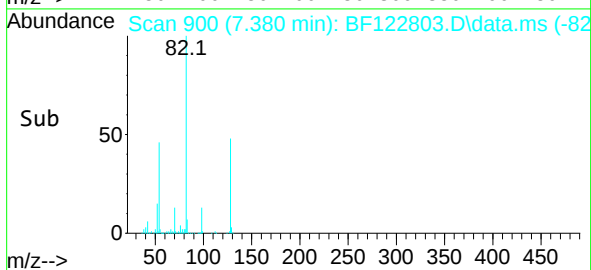
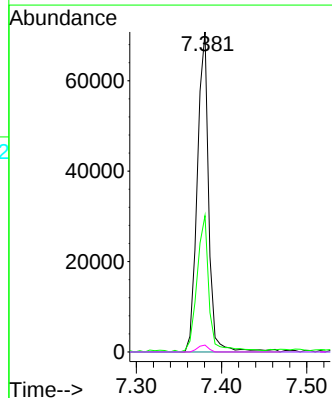
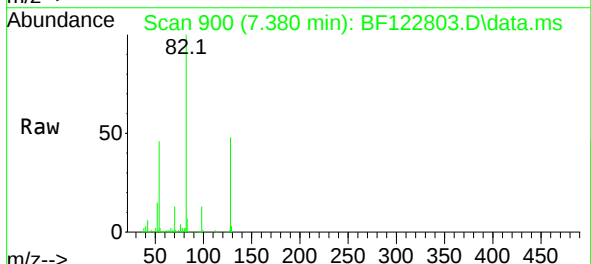
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-019-001-SO

Tgt Ion: 99 Resp: 680344
Ion Ratio Lower Upper
99 100
42 16.4 13.8 20.6
71 33.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.45 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

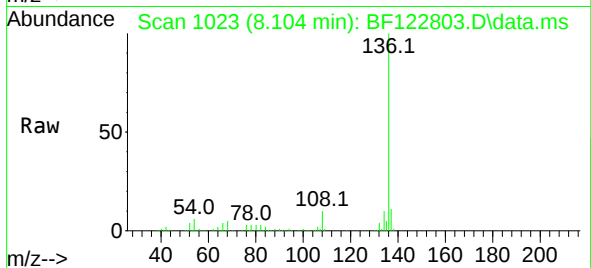
Tgt Ion: 70 Resp: 65887
Ion Ratio Lower Upper
70 100
42 42.6 43.0 64.4#
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



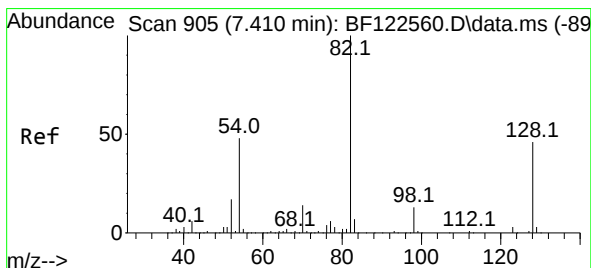
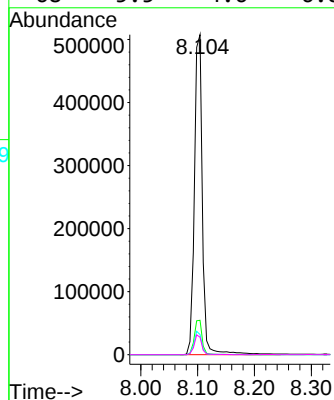
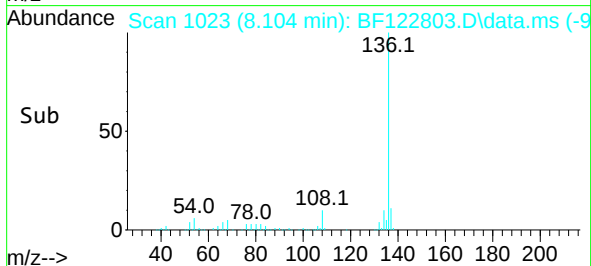


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

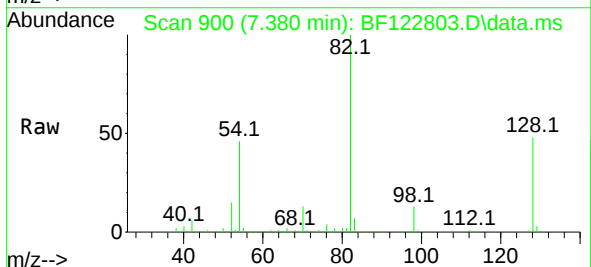
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-019-001-SO



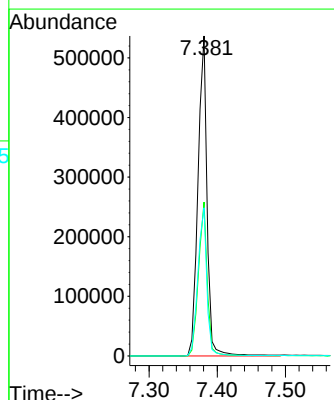
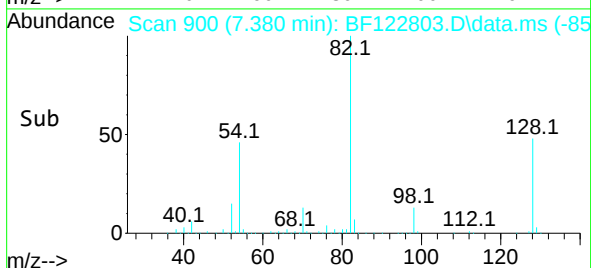
Tgt Ion:136 Resp: 499363
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.3 5.5 8.3
68 5.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 49.59 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42



Tgt Ion: 82 Resp: 494308
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.4
54 46.3 38.4 57.6

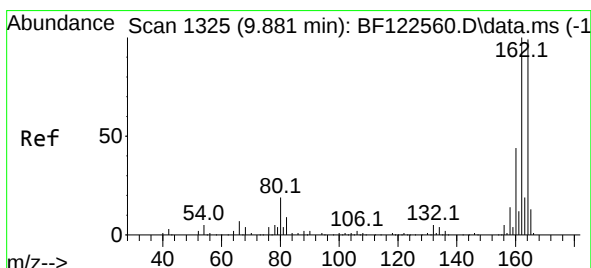
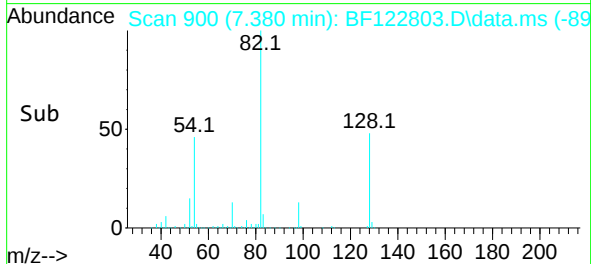
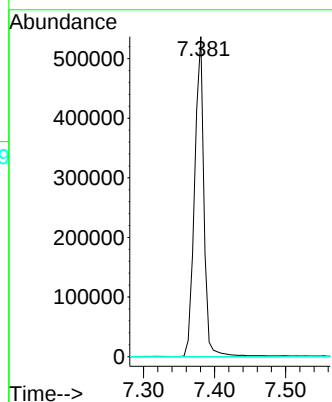
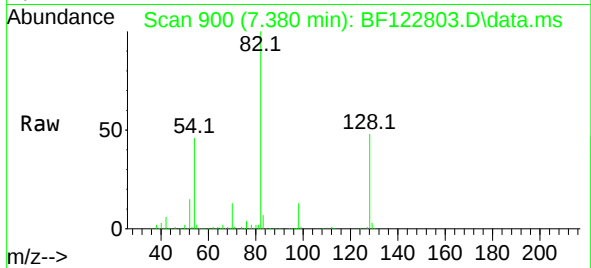




#25
Isophorone
Concen: 28.79 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

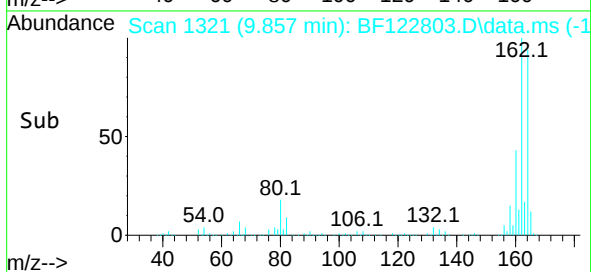
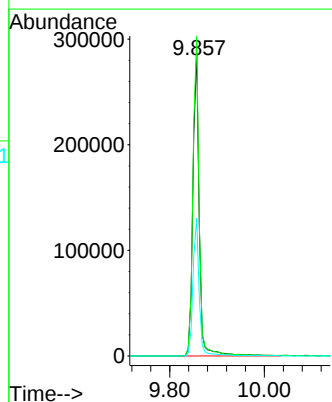
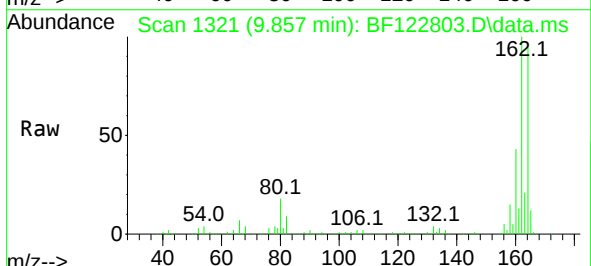
Instrument :
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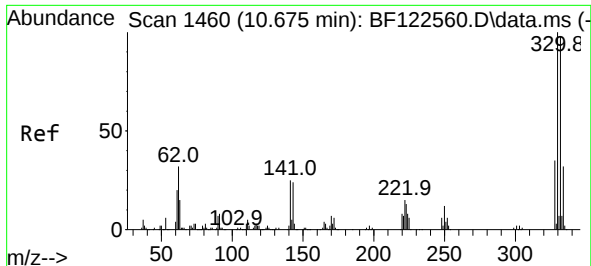
Tgt Ion: 82 Resp: 494303
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

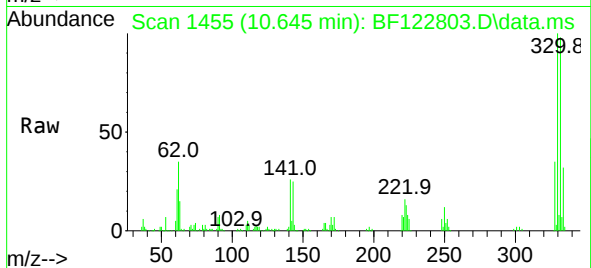
Tgt Ion: 164 Resp: 266919
Ion Ratio Lower Upper
164 100
162 105.7 80.8 121.2
160 45.4 35.4 53.0



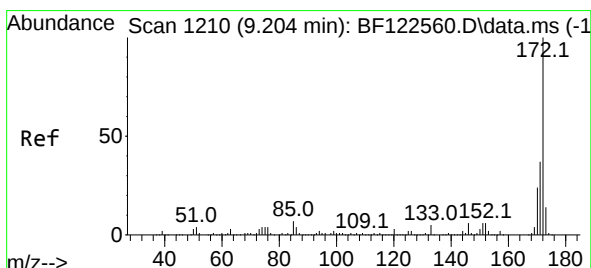
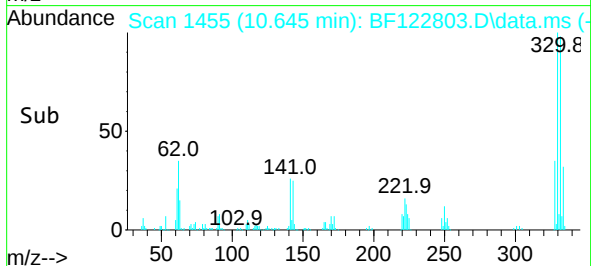
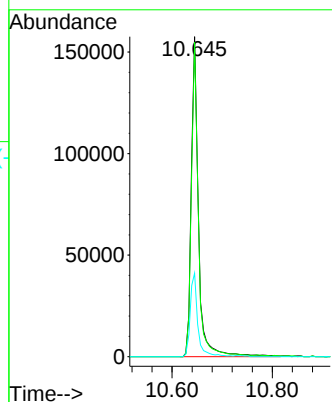


#42
2,4,6-Tribromophenol
Concen: 45.24 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

Instrument :
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ClientSampleId :
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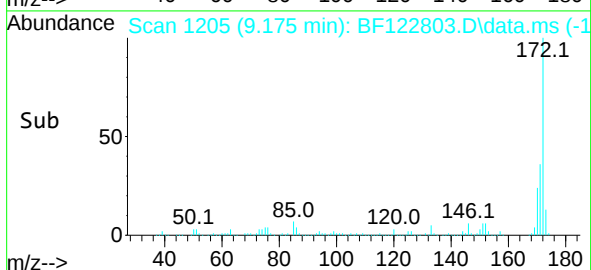
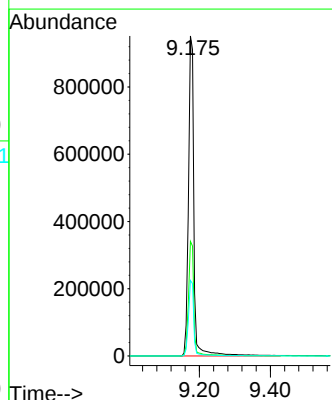
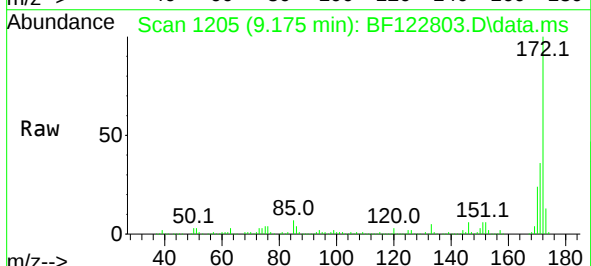


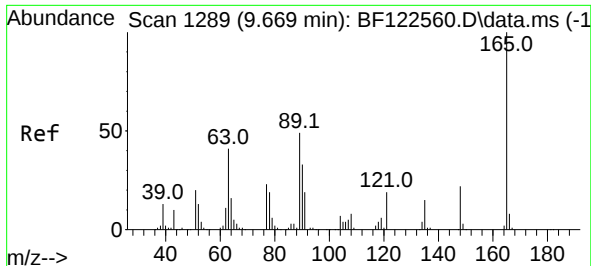
Tgt Ion:330 Resp: 158071
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 27.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 50.64 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

Tgt Ion:172 Resp: 999292
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.6 19.5 29.3

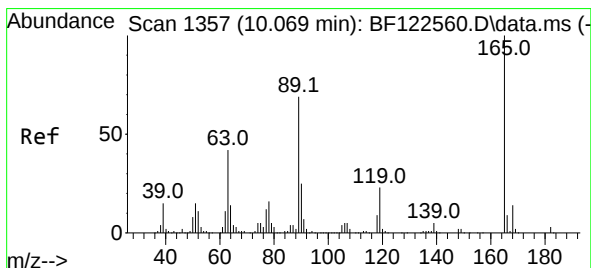
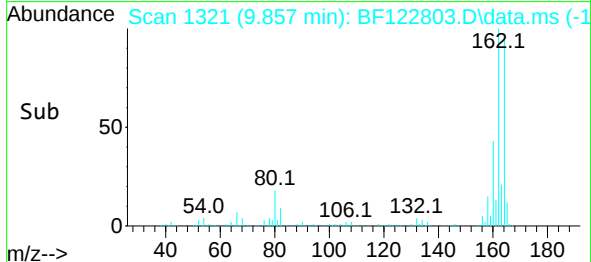
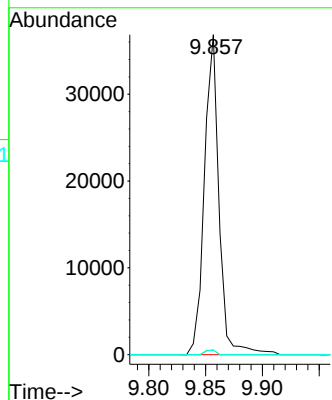
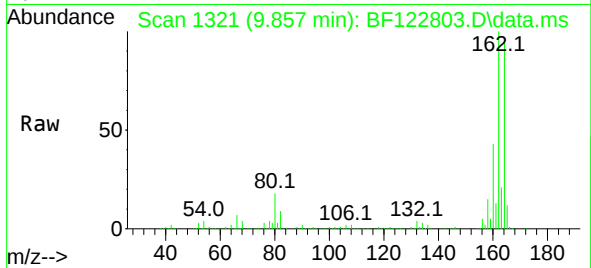




#51
2,6-Dinitrotoluene
Concen: 7.32 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

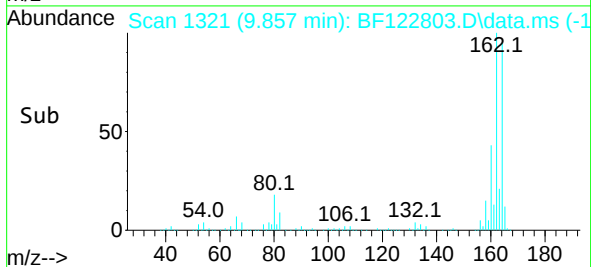
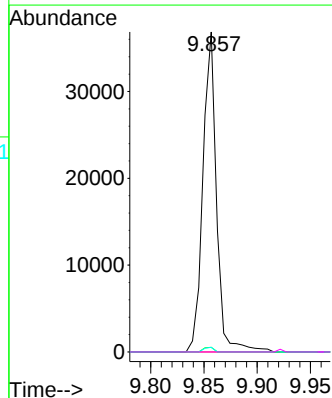
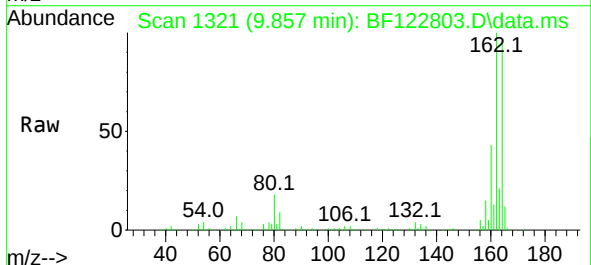
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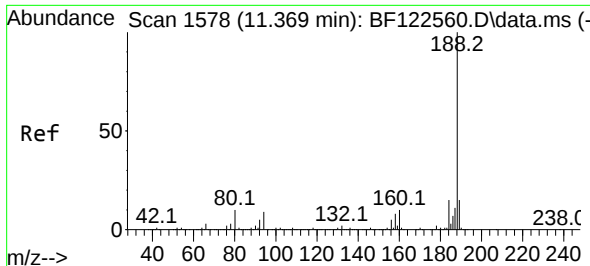
Tgt Ion:165 Resp: 32946
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

Tgt Ion:165 Resp: 32946
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

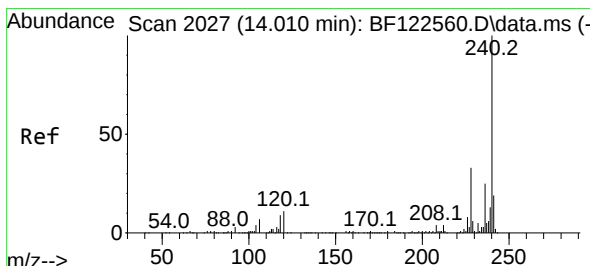
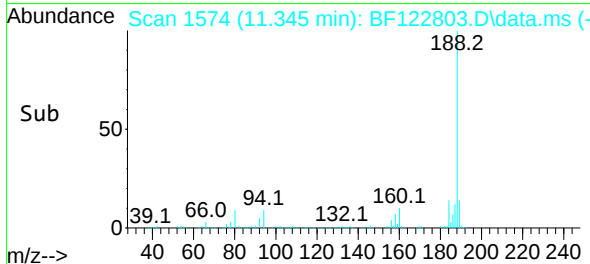
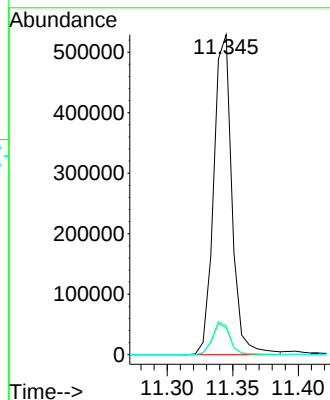
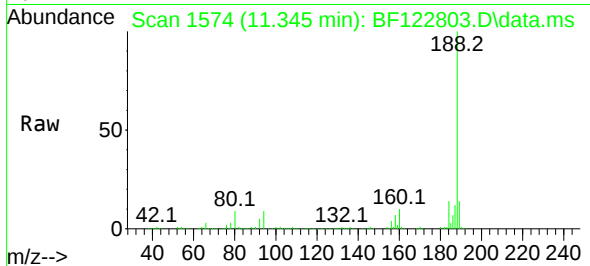




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

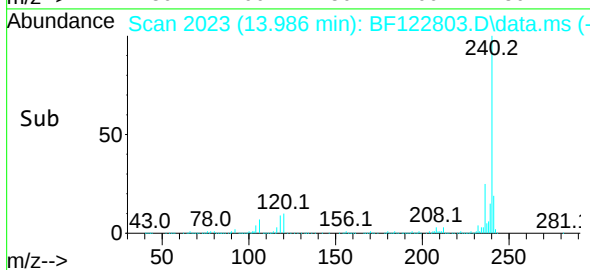
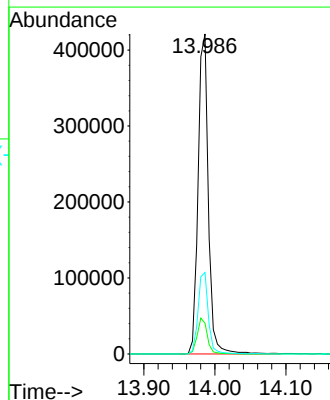
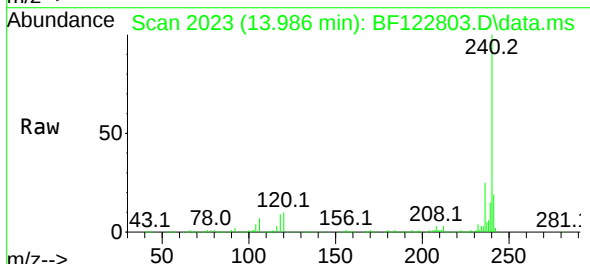
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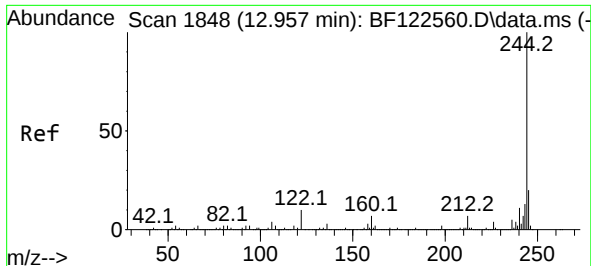
Tgt Ion:188 Resp: 510480
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122803.D
Acq: 21 Dec 2020 16:42

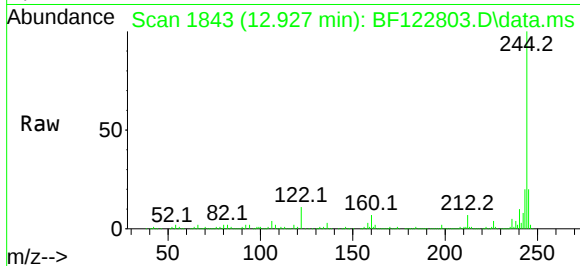
Tgt Ion:240 Resp: 424531
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.5 20.3 30.5



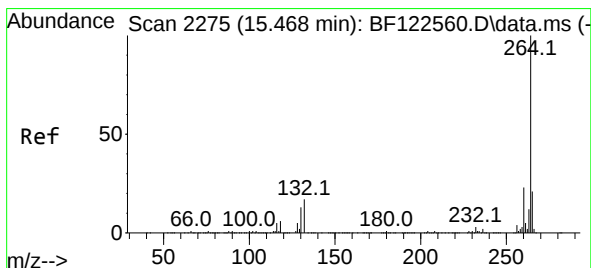
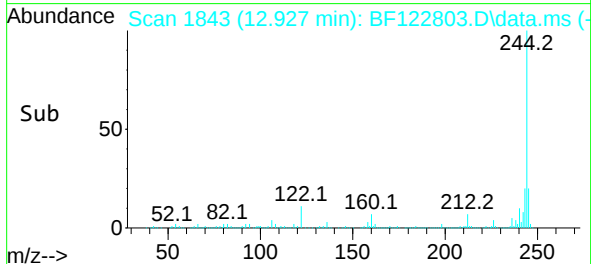
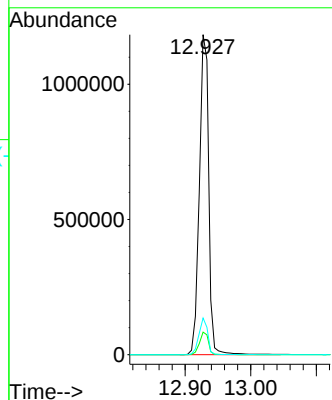


#79
 Terphenyl-d14
 Concen: 48.41 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF122803.D
 Acq: 21 Dec 2020 16:42

Instrument :
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 ClientSampleId :
 LLEXSITUTV-019-001-SO

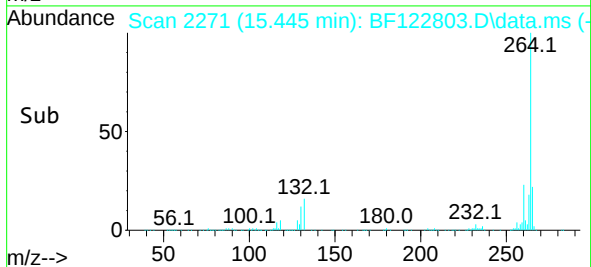
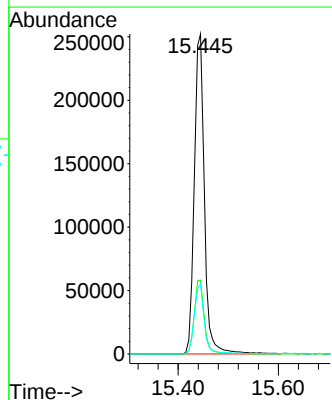
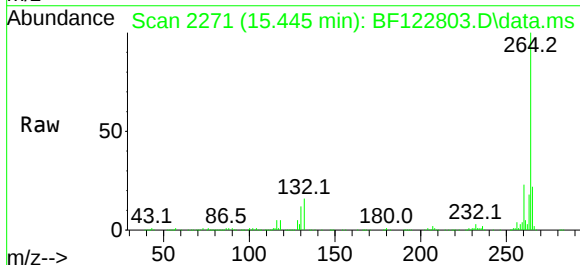


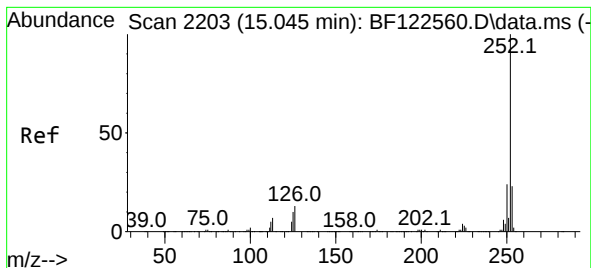
Tgt Ion:244 Resp: 1173973
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF122803.D
 Acq: 21 Dec 2020 16:42

Tgt Ion:264 Resp: 352581
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.8 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 2.17 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF122803.D

Acq: 21 Dec 2020 16:42

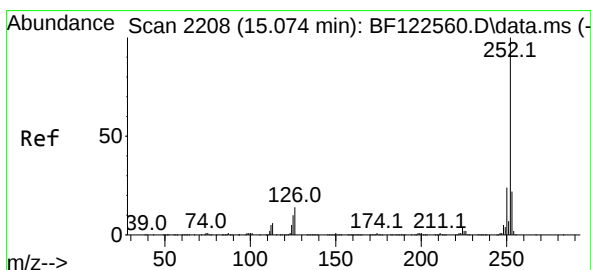
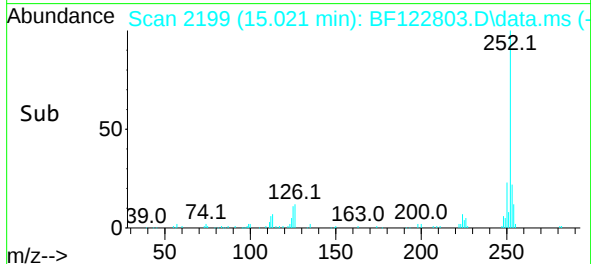
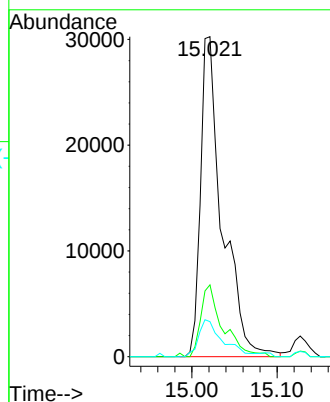
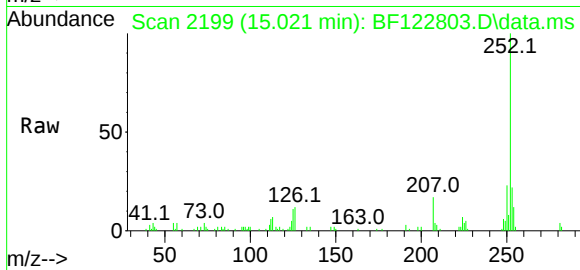
Tgt Ion:252 Resp: 53629

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

125 11.0 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 2.37 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.030 min

Lab File: BF122803.D

Acq: 21 Dec 2020 16:42

Tgt Ion:252 Resp: 53629

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.0 8.4 12.6

