

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132804.D
 Acq On : 15 Mar 2023 15:41
 Operator : CG\JU
 Sample : 01908-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HILLBOR-DRUMS-0314

Quant Time: Mar 15 16:02:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	213838	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	745107	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	442585	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	826768	20.000	ng	0.00
76) Chrysene-d12	14.156	240	456662	20.000	ng	0.00
86) Perylene-d12	15.686	264	274567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1387308	105.293	ng	0.01
7) Phenol-d6	6.598	99	1805872	105.020	ng	0.00
23) Nitrobenzene-d5	7.533	82	1146192	72.983	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	476082	99.604	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1832371	63.041	ng	0.00
79) Terphenyl-d14	13.092	244	1871879	69.304	ng	0.00

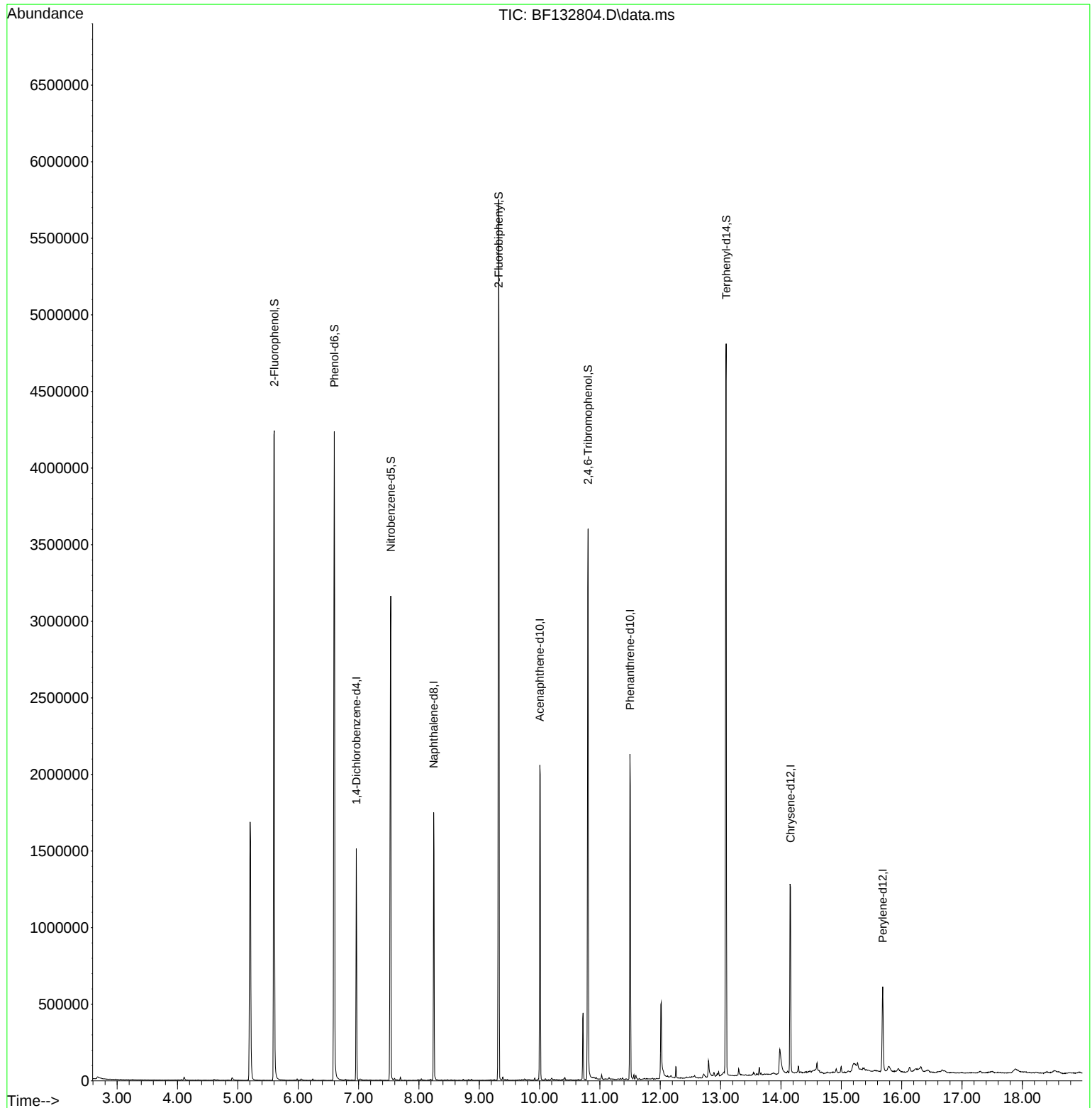
Target Compounds	Qvalue

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

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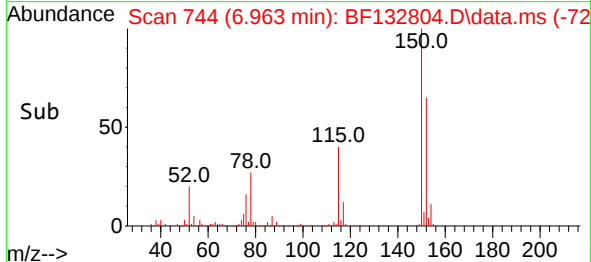
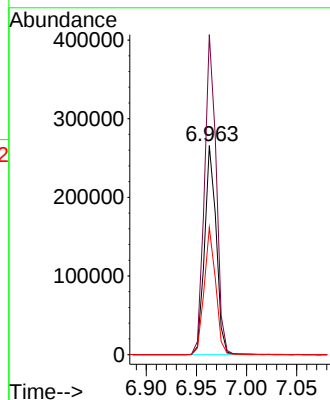
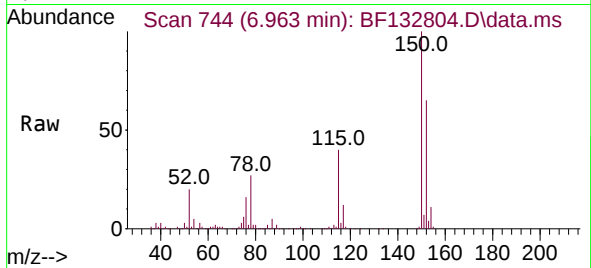




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

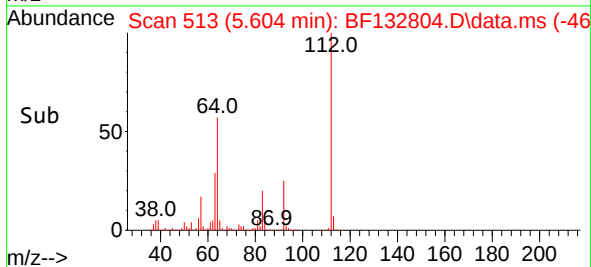
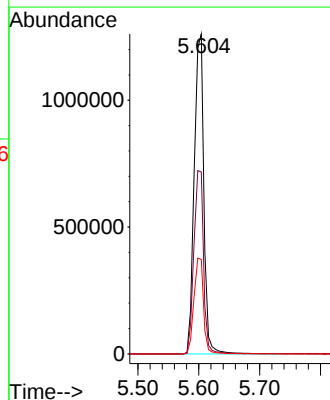
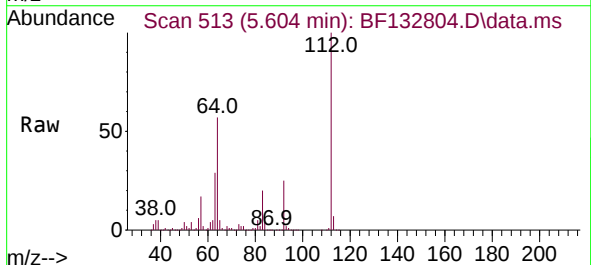
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

Tgt Ion:152 Resp: 213838
Ion Ratio Lower Upper
152 100
150 153.1 125.4 188.2
115 60.8 47.8 71.6



#5
2-Fluorophenol
Concen: 105.293 ng
RT: 5.604 min Scan# 513
Delta R.T. 0.012 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Tgt Ion:112 Resp: 1387308
Ion Ratio Lower Upper
112 100
64 56.8 51.6 77.4
63 29.5 27.4 41.2

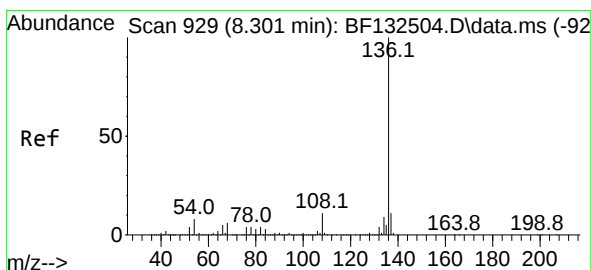
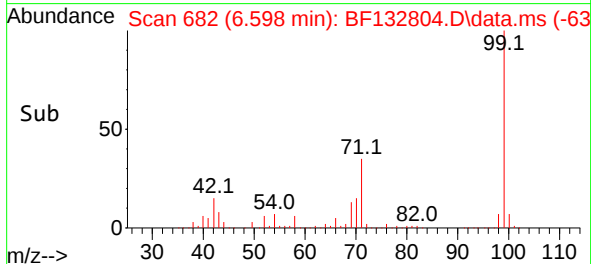
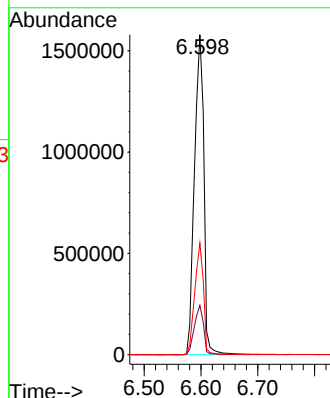
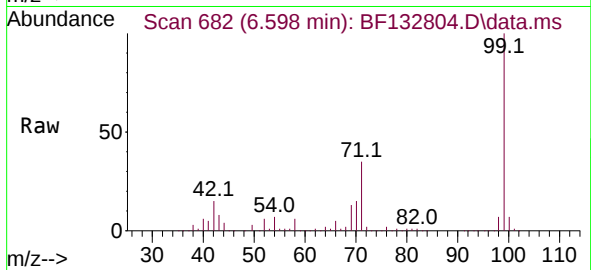




#7
Phenol-d6
Concen: 105.020 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

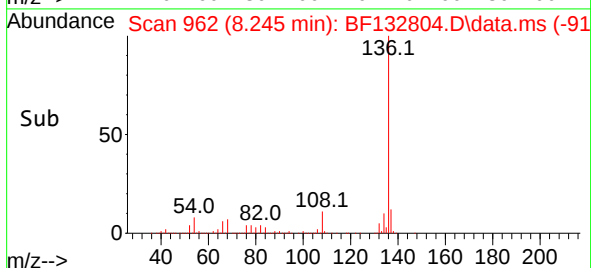
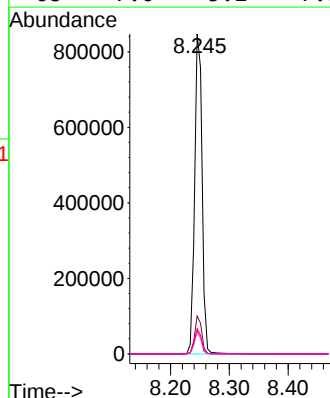
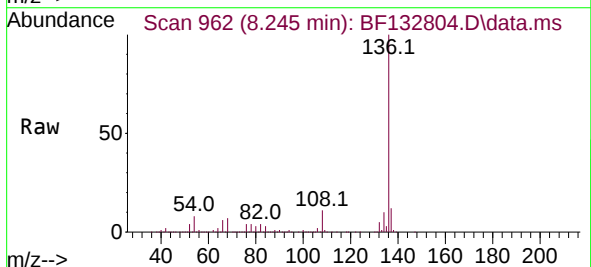
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

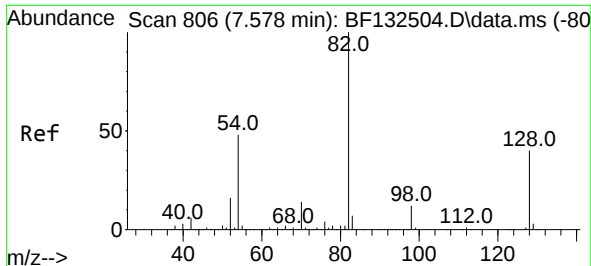
Tgt Ion: 99 Resp: 1805872
Ion Ratio Lower Upper
99 100
42 15.4 13.9 20.9
71 34.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Tgt Ion: 136 Resp: 745107
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 7.9 6.2 9.4
68 7.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 72.983 ng

RT: 7.533 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132804.D

Acq: 15 Mar 2023 15:41

Instrument :

BNA_F

ClientSampleId :

HILLBOR-DRUMS-0314

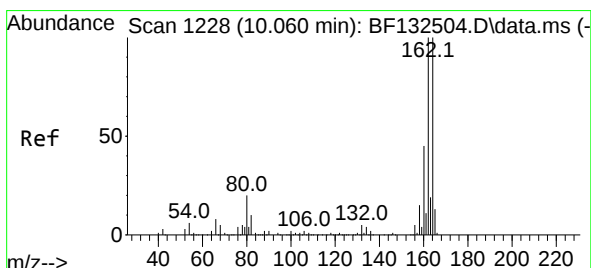
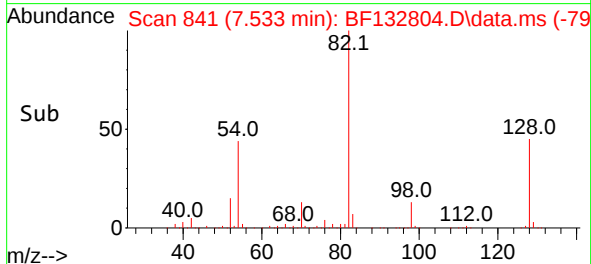
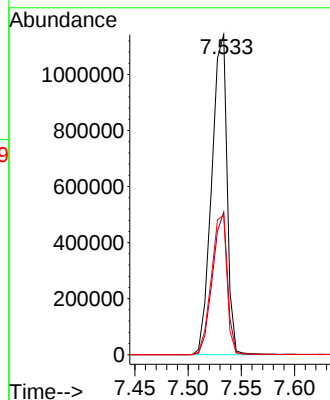
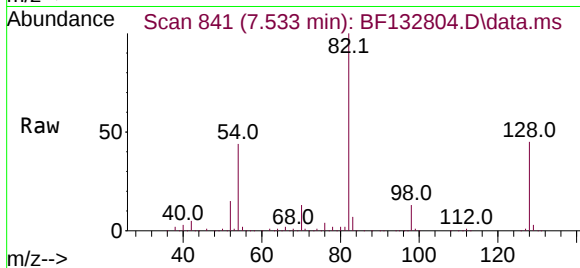
Tgt Ion: 82 Resp: 1146192

Ion Ratio Lower Upper

82 100

128 44.5 32.2 48.2

54 43.6 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF132804.D

Acq: 15 Mar 2023 15:41

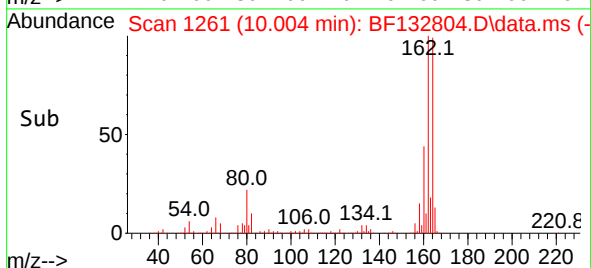
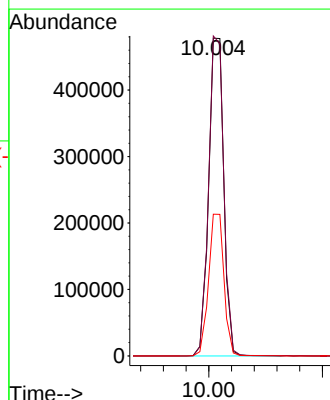
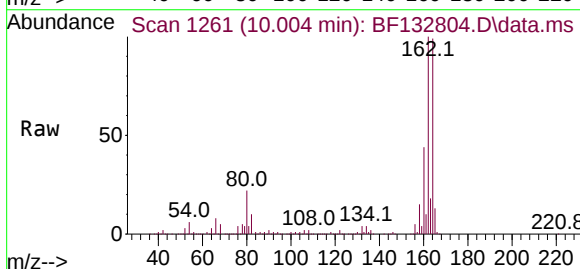
Tgt Ion:164 Resp: 442585

Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.8

160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 99.604 ng

RT: 10.804 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF132804.D

Acq: 15 Mar 2023 15:41

Instrument :

BNA_F

ClientSampleId :

HILLBOR-DRUMS-0314

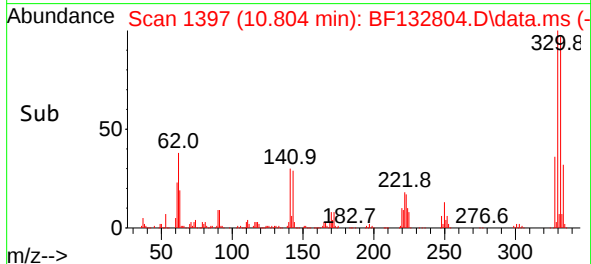
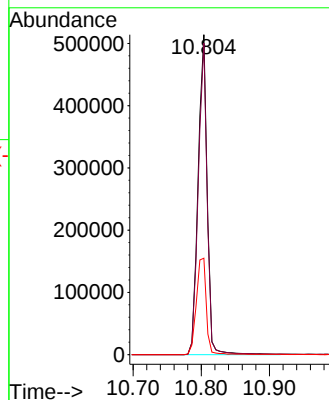
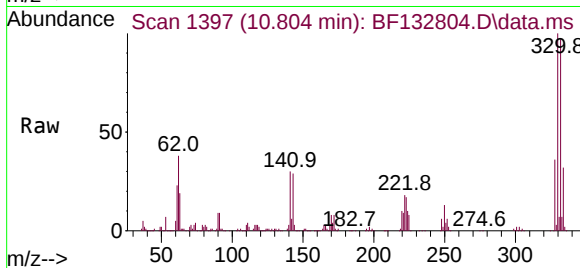
Tgt Ion:330 Resp: 476082

Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 33.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 63.041 ng

RT: 9.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF132804.D

Acq: 15 Mar 2023 15:41

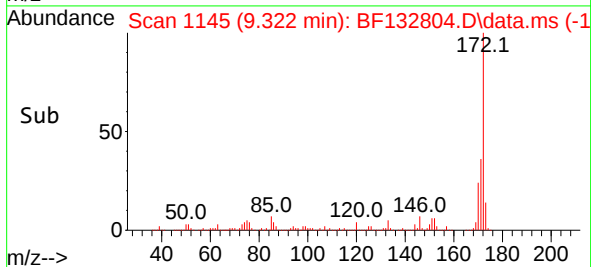
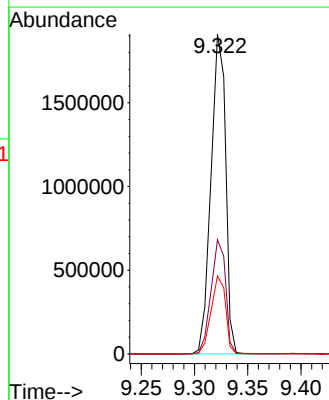
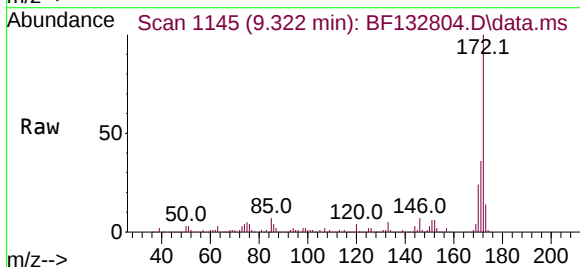
Tgt Ion:172 Resp: 1832371

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.3 19.7 29.5

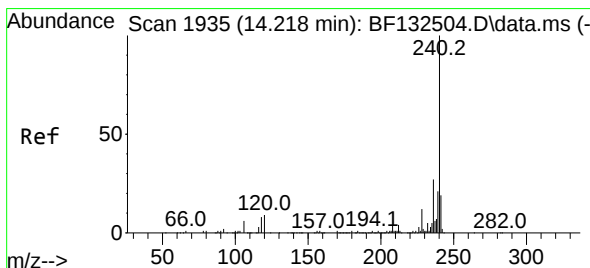
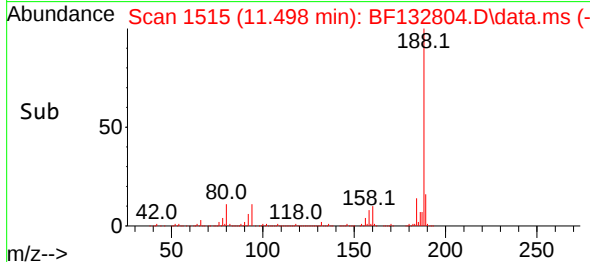
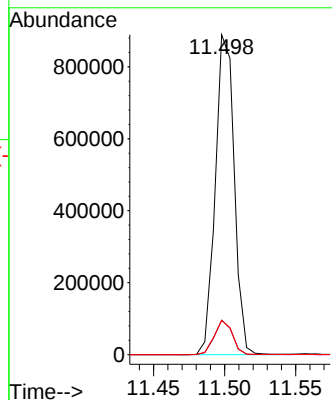
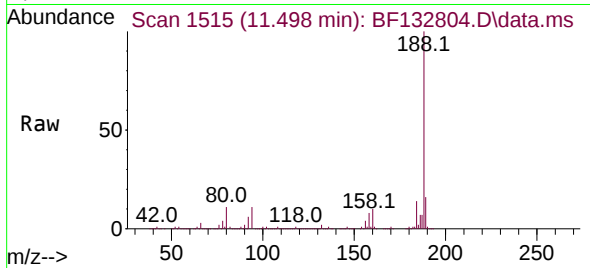




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

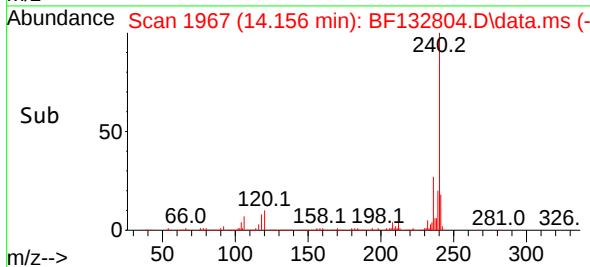
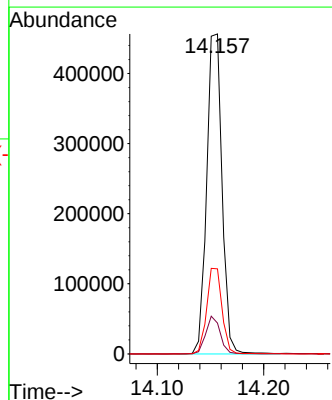
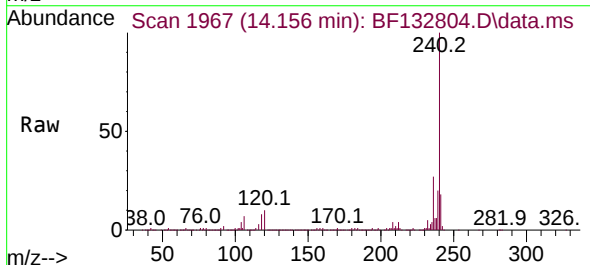
Instrument :
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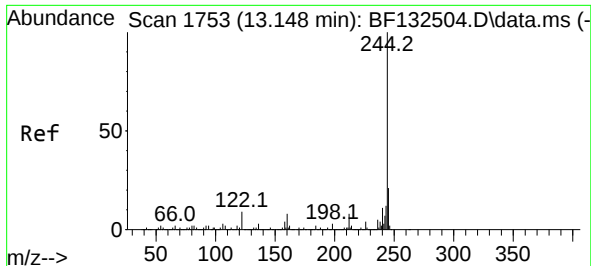
Tgt Ion:188 Resp: 826768
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 10.7 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.156 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Tgt Ion:240 Resp: 456662
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.6 21.8 32.6

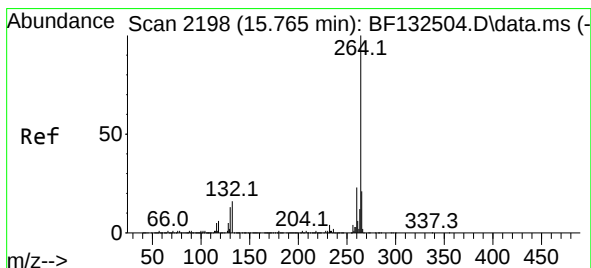
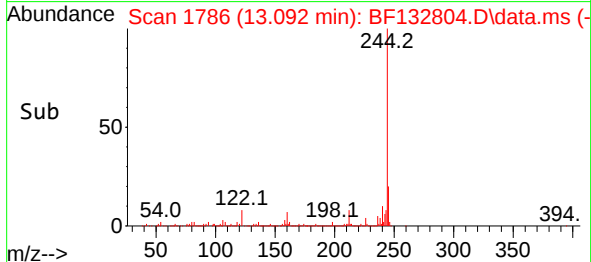
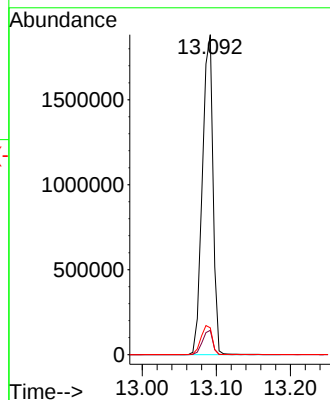
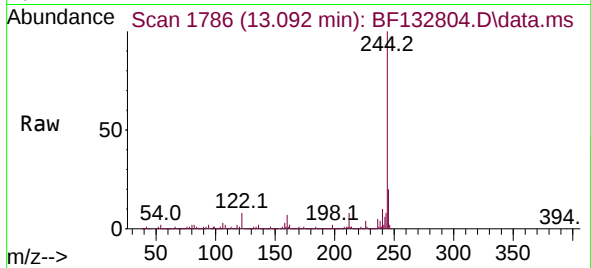




#79
 Terphenyl-d14
 Concen: 69.304 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132804.D
 Acq: 15 Mar 2023 15:41

Instrument :
 BNA_F
 ClientSampleId :
 HILLBOR-DRUMS-0314

Tgt Ion:244 Resp: 1871879
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2227
 Delta R.T. -0.006 min
 Lab File: BF132804.D
 Acq: 15 Mar 2023 15:41

Tgt Ion:264 Resp: 274567
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.9 17.1 25.7

