

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131917.D
 Acq On : 05 Jan 2023 16:17
 Operator : CG\JU
 Sample : 01029-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-205

Quant Time: Jan 06 03:11:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	65553	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	235952	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	140512	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	270841	20.000	ng	0.00
76) Chrysene-d12	13.998	240	136801	20.000	ng	-0.01
86) Perylene-d12	15.474	264	142152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	549324	138.873	ng	0.01
7) Phenol-d6	6.439	99	716248	137.821	ng	0.00
23) Nitrobenzene-d5	7.375	82	509547	86.221	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	215812	141.361	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	879292	85.715	ng	0.00
79) Terphenyl-d14	12.945	244	925210	114.400	ng	0.00

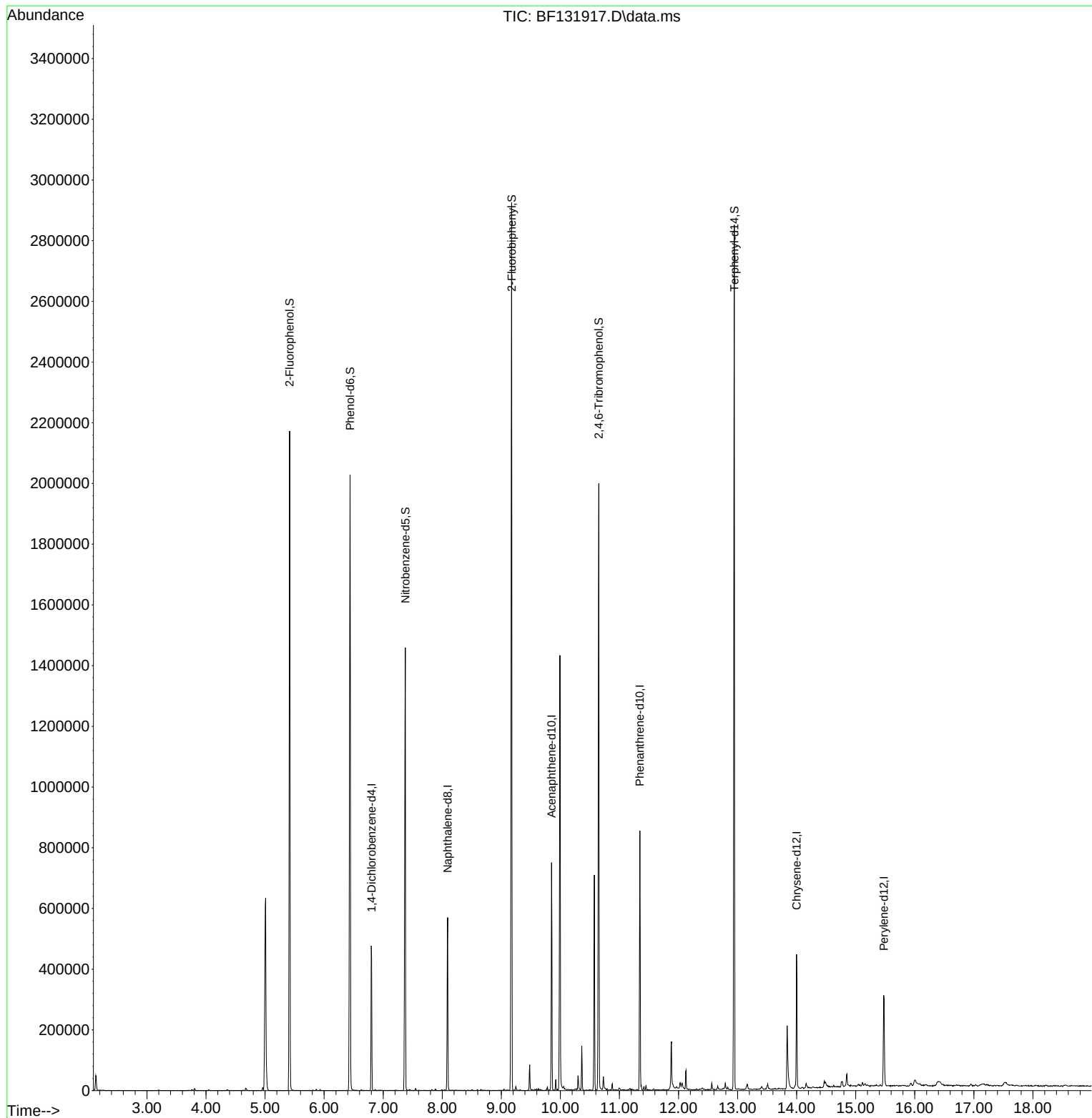
Target Compounds	Qvalue

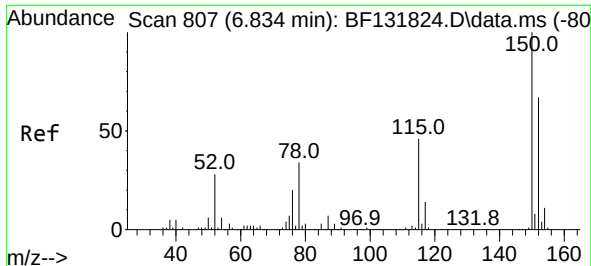
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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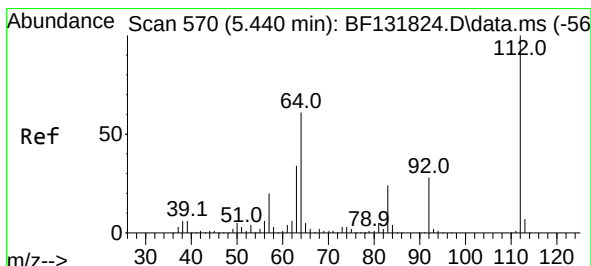
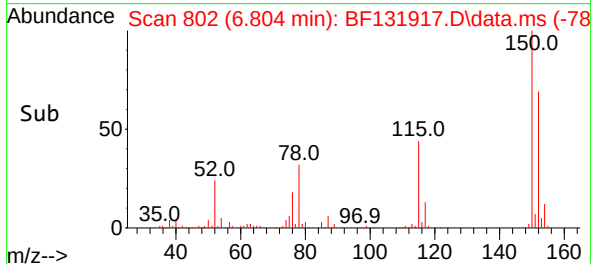
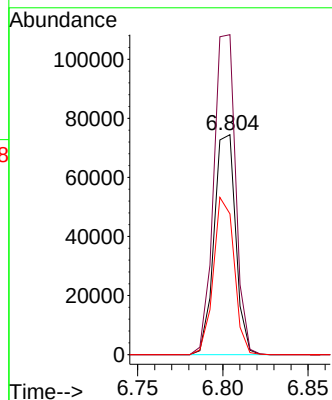
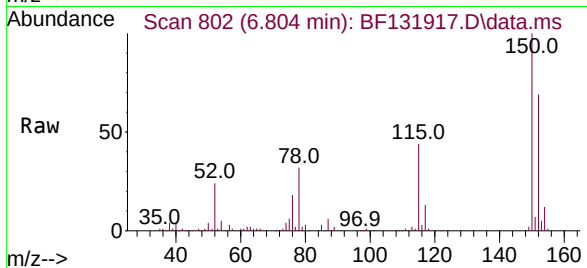




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

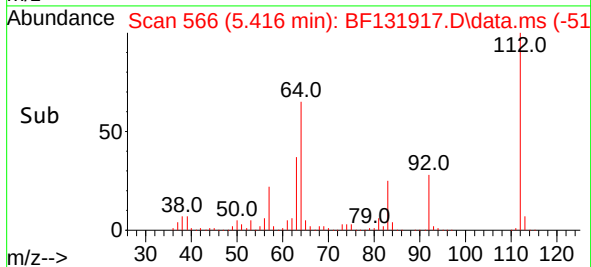
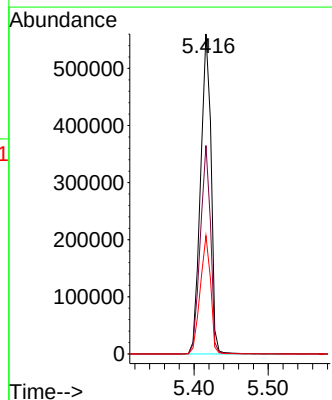
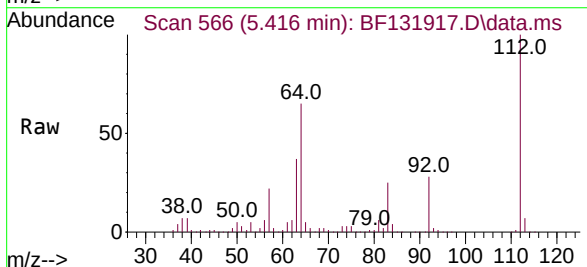
Instrument :
BNA_F
ClientSampleId :
TP-205

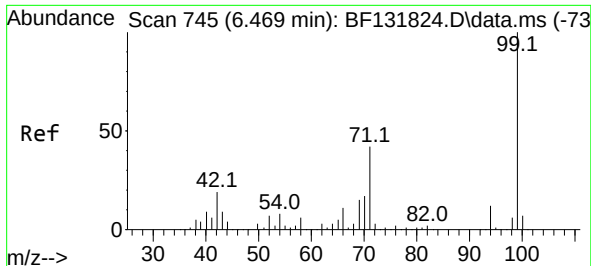
Tgt Ion:152 Resp: 65553
Ion Ratio Lower Upper
152 100
150 145.6 120.0 180.0
115 64.0 55.1 82.7



#5
2-Fluorophenol
Concen: 138.873 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Tgt Ion:112 Resp: 549324
Ion Ratio Lower Upper
112 100
64 65.1 49.2 73.8
63 36.9 27.5 41.3

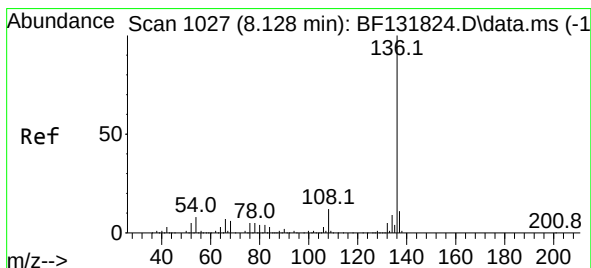
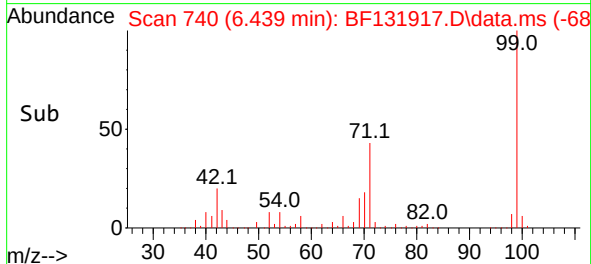
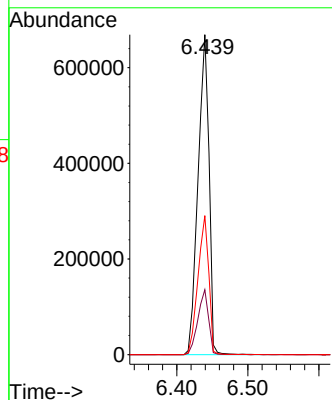
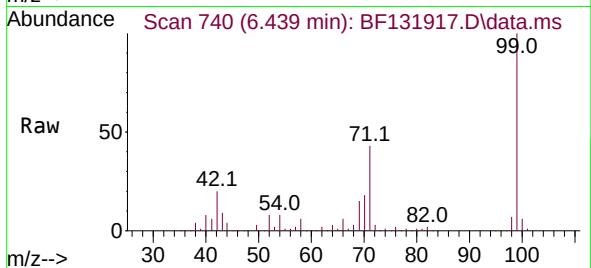




#7
Phenol-d6
Concen: 137.821 ng
RT: 6.439 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

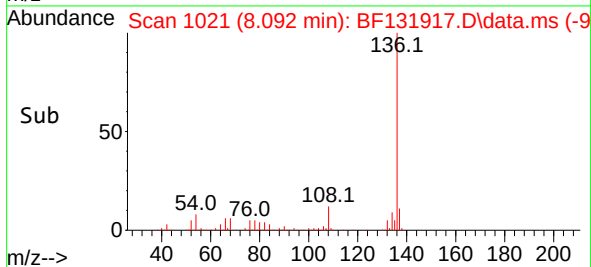
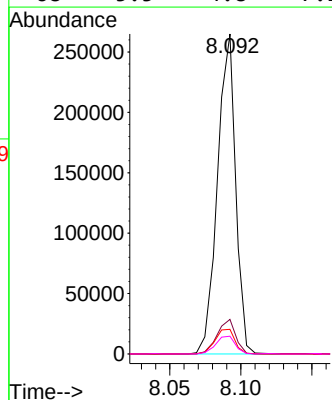
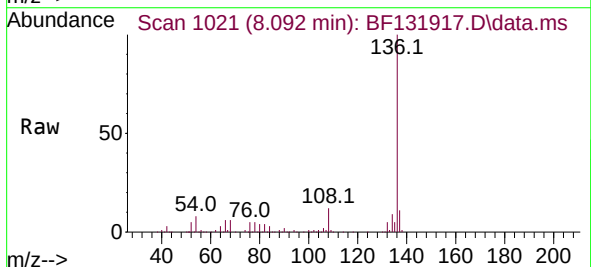
Instrument :
BNA_F
ClientSampleId :
TP-205

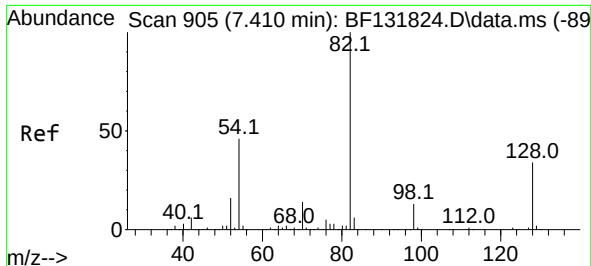
Tgt Ion: 99 Resp: 716248
Ion Ratio Lower Upper
99 100
42 20.3 15.3 22.9
71 43.4 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Tgt Ion: 136 Resp: 235952
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.7 6.7 10.1
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 86.221 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131917.D

Acq: 05 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

TP-205

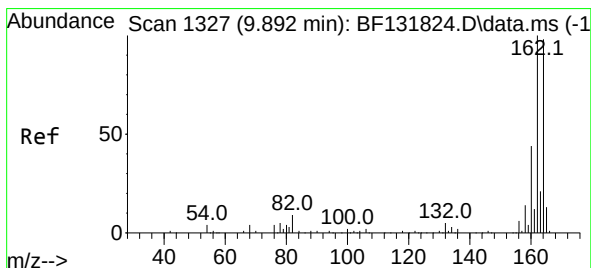
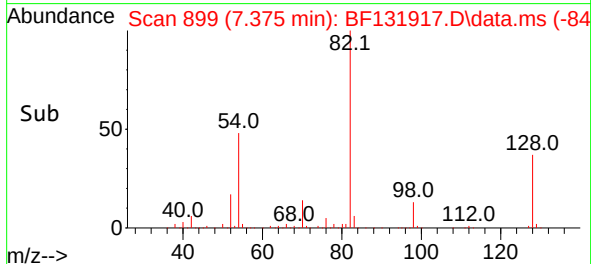
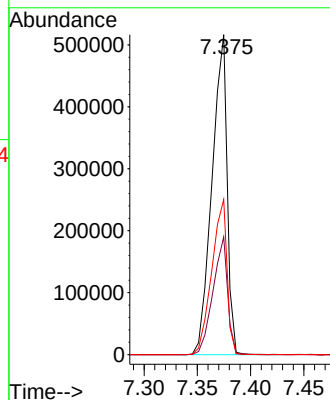
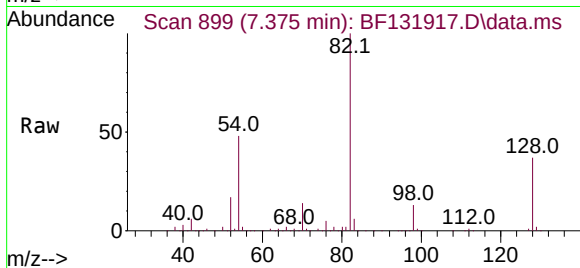
Tgt Ion: 82 Resp: 509547

Ion Ratio Lower Upper

82 100

128 36.8 27.1 40.7

54 48.5 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF131917.D

Acq: 05 Jan 2023 16:17

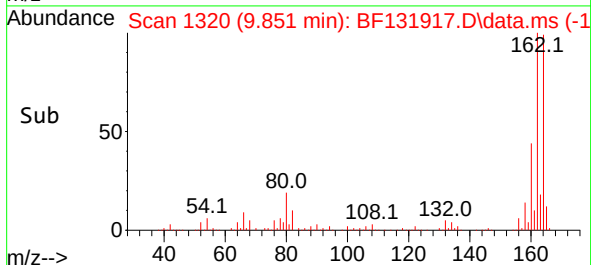
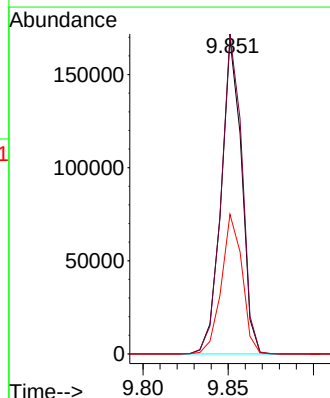
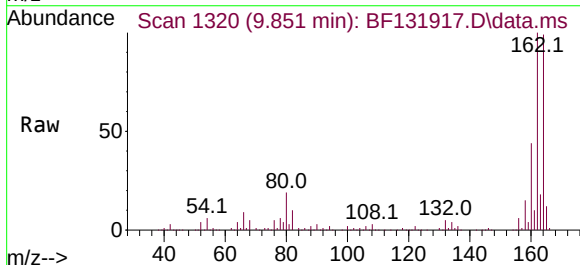
Tgt Ion:164 Resp: 140512

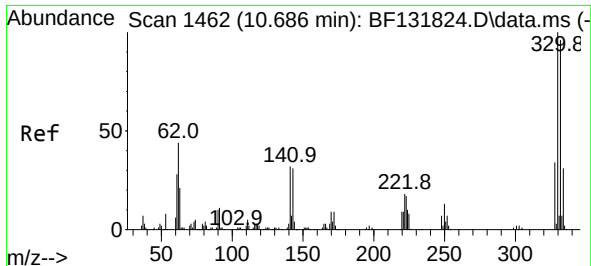
Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 44.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 141.361 ng

RT: 10.651 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF131917.D

Acq: 05 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

TP-205

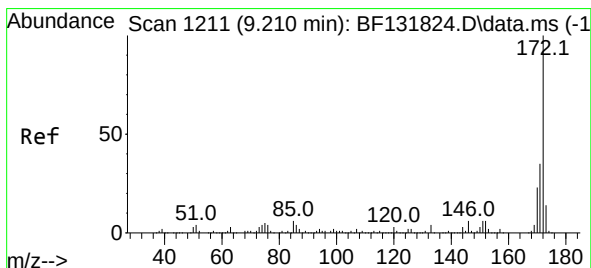
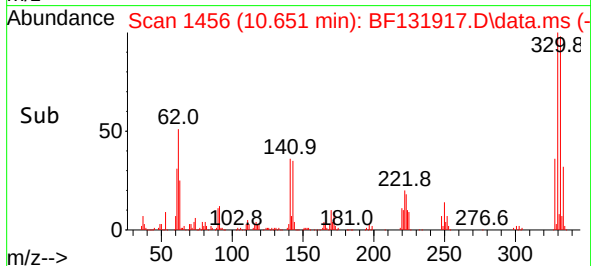
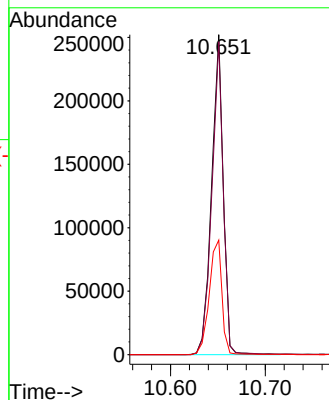
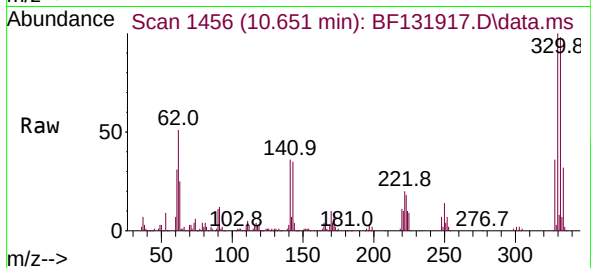
Tgt Ion:330 Resp: 215812

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 38.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 85.715 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF131917.D

Acq: 05 Jan 2023 16:17

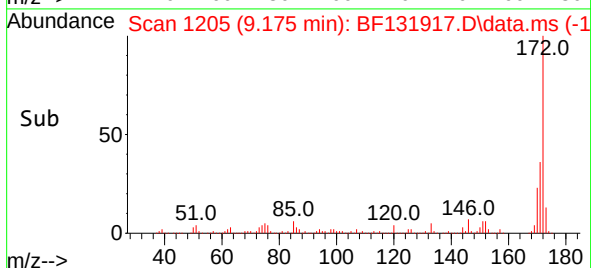
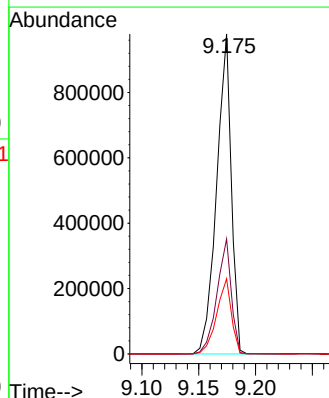
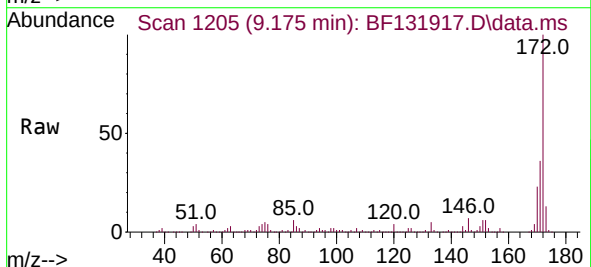
Tgt Ion:172 Resp: 879292

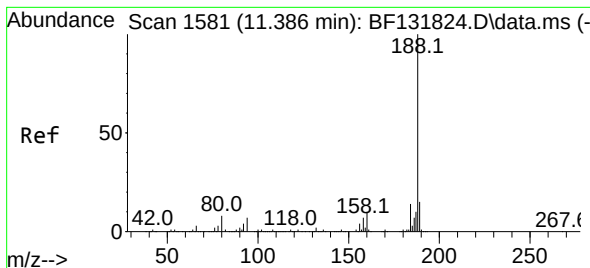
Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131917.D

Acq: 05 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

TP-205

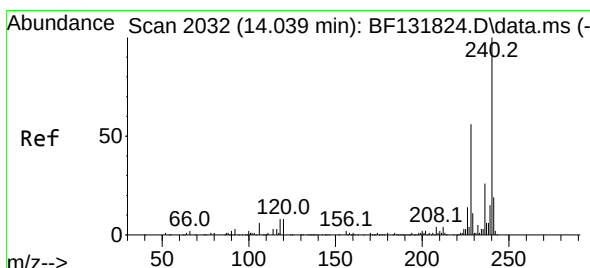
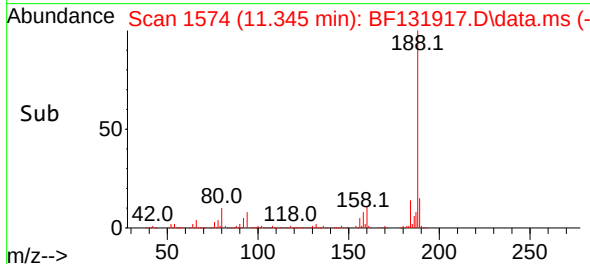
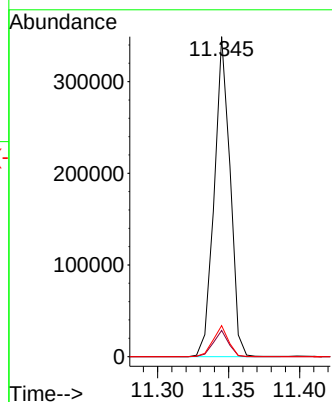
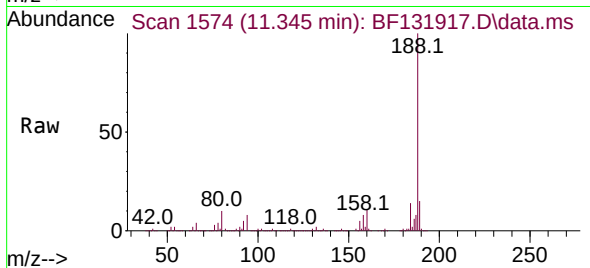
Tgt Ion:188 Resp: 270841

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

80 9.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF131917.D

Acq: 05 Jan 2023 16:17

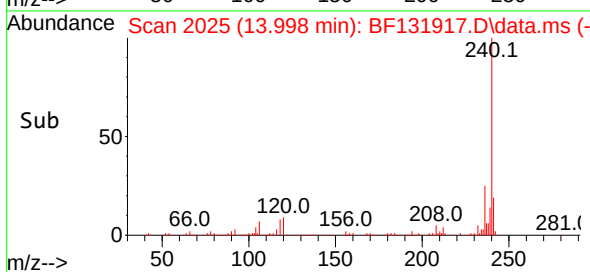
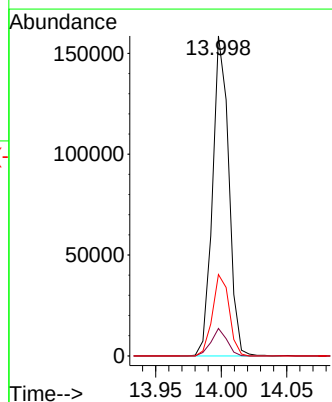
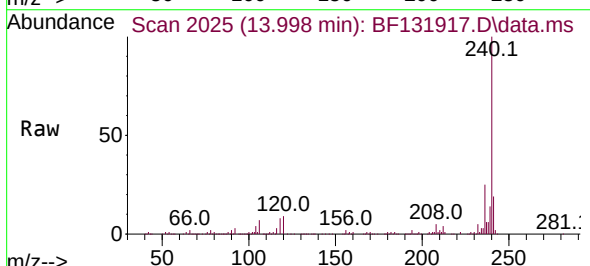
Tgt Ion:240 Resp: 136801

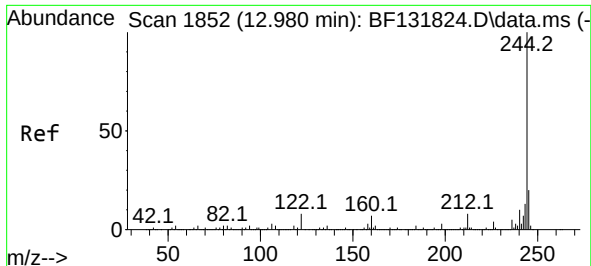
Ion Ratio Lower Upper

240 100

120 8.6 6.7 10.1

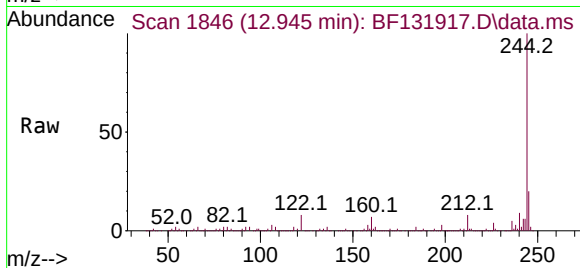
236 25.4 20.6 31.0



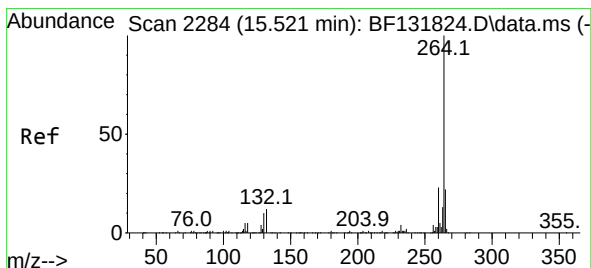
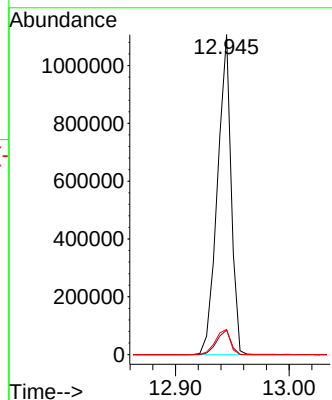
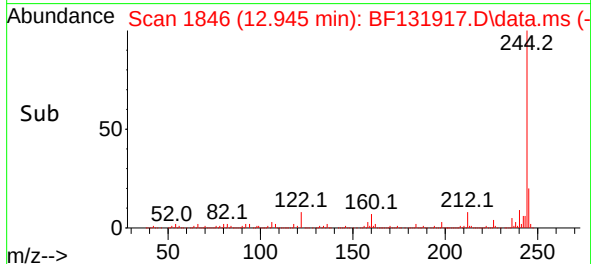


#79
 Terphenyl-d14
 Concen: 114.400 ng
 RT: 12.945 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131917.D
 Acq: 05 Jan 2023 16:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-205



Tgt Ion:244 Resp: 925210
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 7.9 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF131917.D
 Acq: 05 Jan 2023 16:17

Tgt Ion:264 Resp: 142152
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 28.0
 265 21.1 17.4 26.0

