

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131939.D
 Acq On : 06 Jan 2023 13:48
 Operator : CG\JU
 Sample : N6243-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-10

Quant Time: Jan 07 00:20:35 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 23:58:27 2023
 Response via : Initial Calibration

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

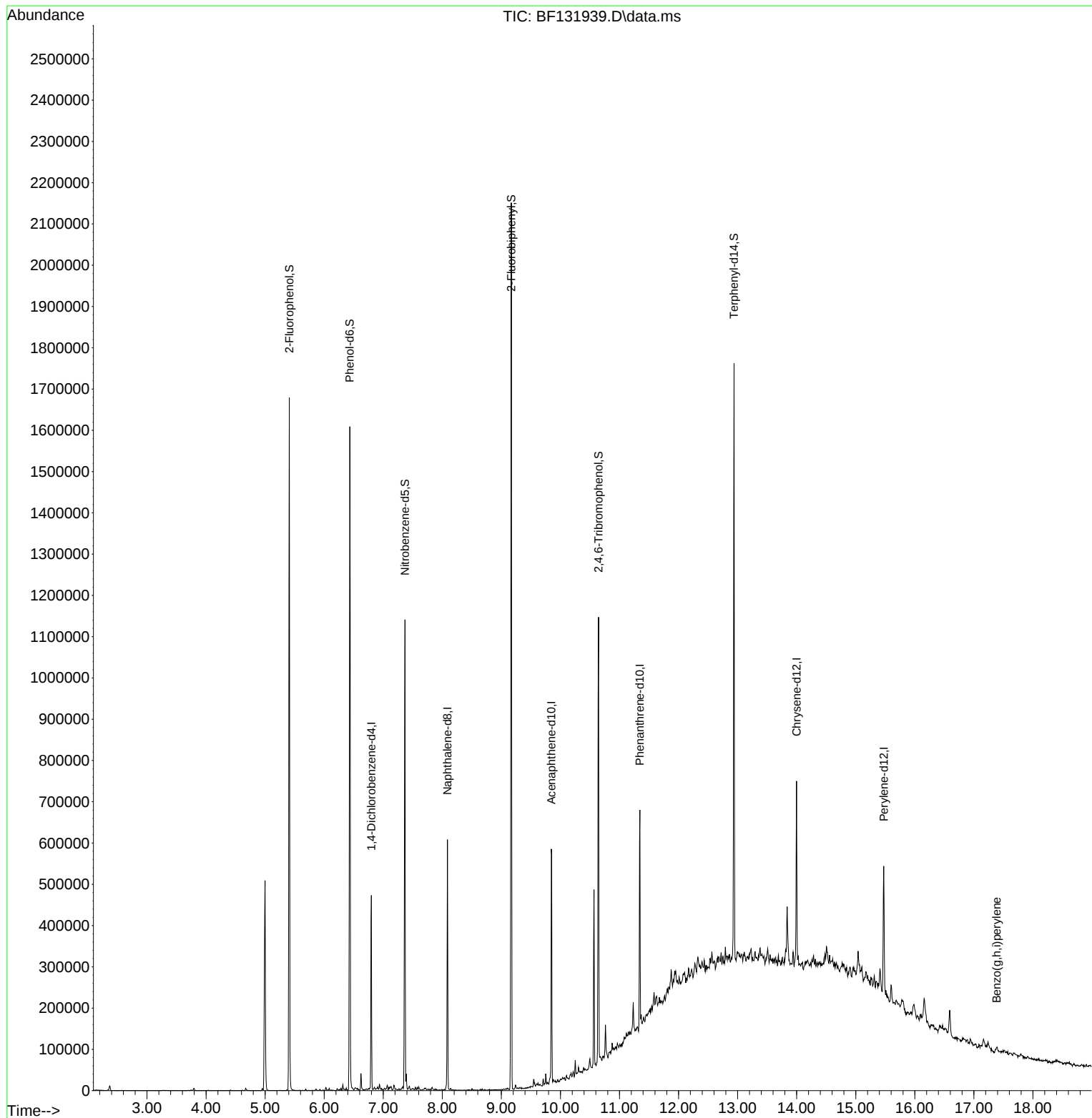
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	61848	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	220391	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	113767	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	182730	20.000	ng	0.00
76) Chrysene-d12	13.998	240	132172	20.000	ng	0.00
86) Perylene-d12	15.474	264	132400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	398874	106.879	ng	0.01
7) Phenol-d6	6.434	99	515033	105.040	ng	0.00
23) Nitrobenzene-d5	7.369	82	358818	65.003	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	107902	87.294	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	562411	67.713	ng	0.00
79) Terphenyl-d14	12.939	244	448669	57.420	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.386	276	7528	6.070	ng	Qvalue # 83

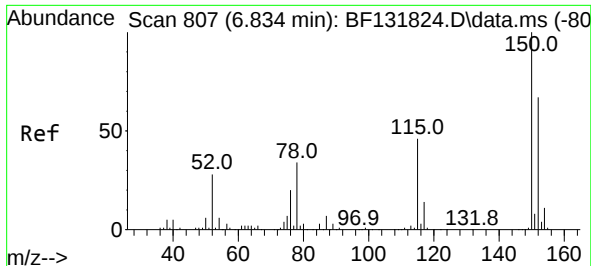
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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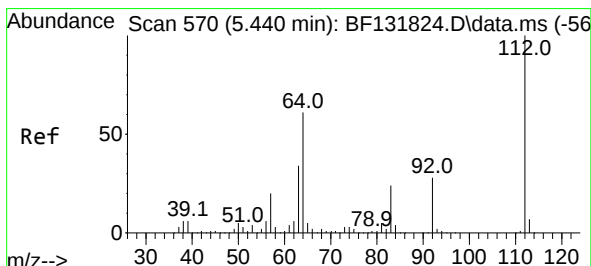
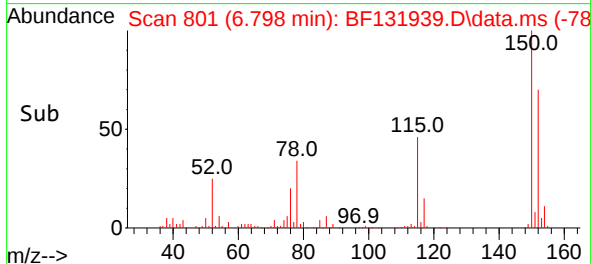
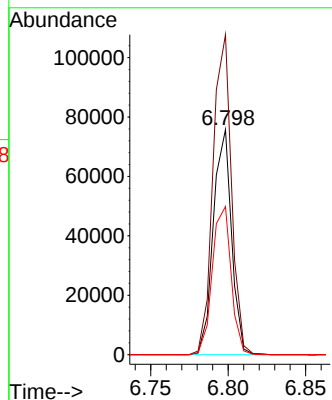
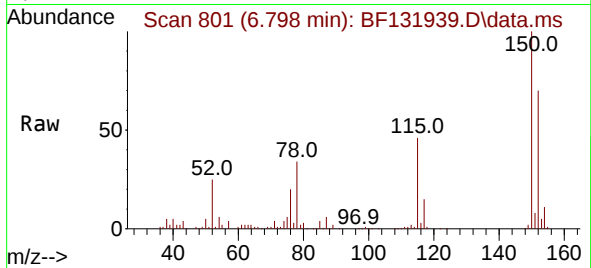




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

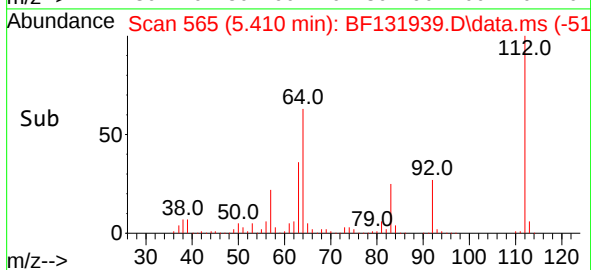
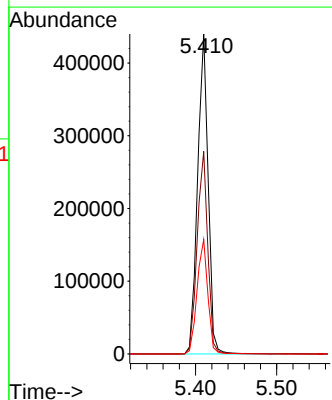
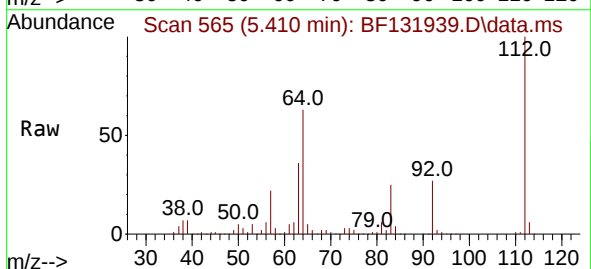
Instrument :
BNA_F
ClientSampleId :
PE-10

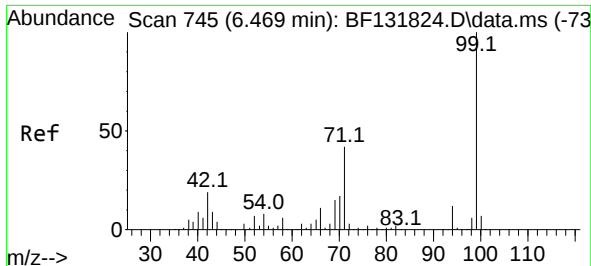
Tgt Ion:152 Resp: 61848
Ion Ratio Lower Upper
152 100
150 142.2 120.0 180.0
115 65.8 55.1 82.7



#5
2-Fluorophenol
Concen: 106.879 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

Tgt Ion:112 Resp: 398874
Ion Ratio Lower Upper
112 100
64 63.3 49.2 73.8
63 35.8 27.5 41.3

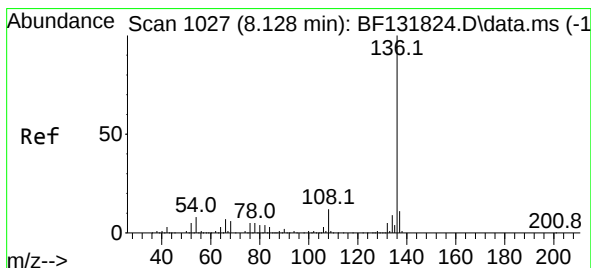
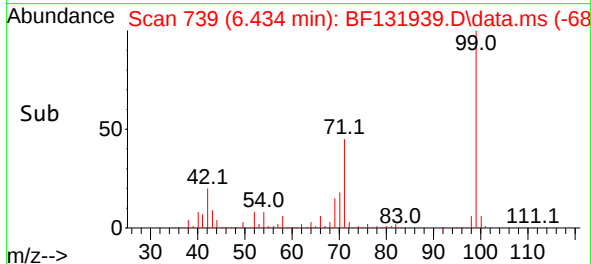
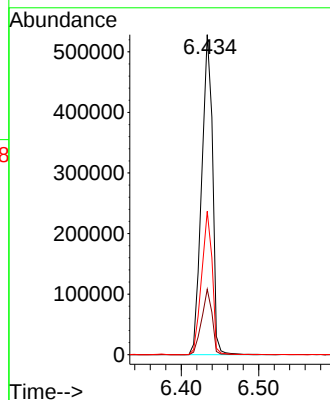
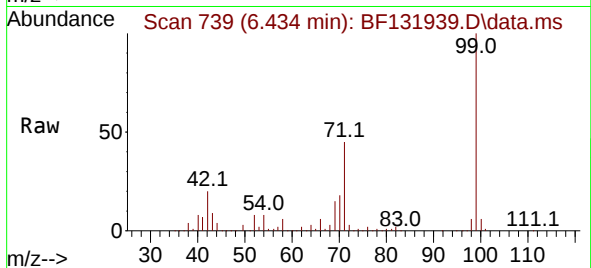




#7
Phenol-d6
Concen: 105.040 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

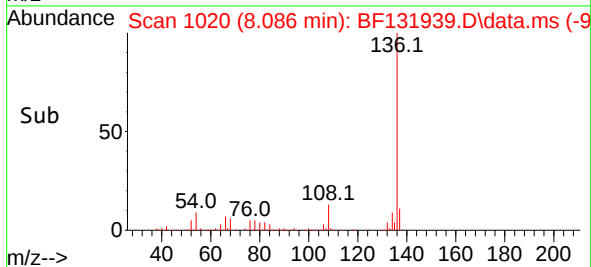
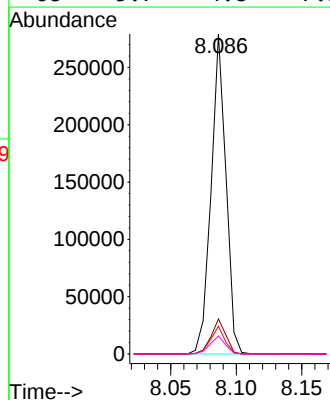
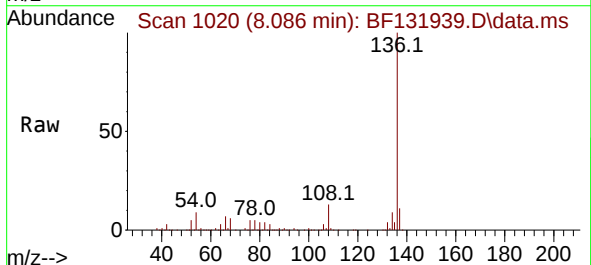
Instrument :
BNA_F
ClientSampleId :
PE-10

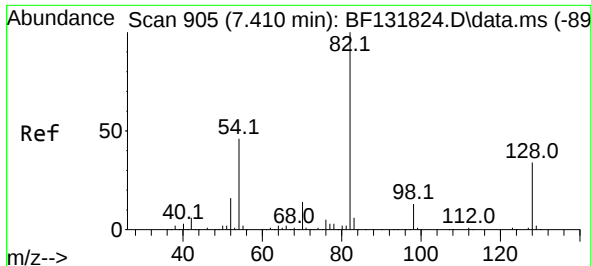
Tgt Ion: 99 Resp: 515033
Ion Ratio Lower Upper
99 100
42 20.4 15.3 22.9
71 44.8 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

Tgt Ion:136 Resp: 220391
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.7 6.7 10.1
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 65.003 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

Instrument :

BNA_F

ClientSampleId :

PE-10

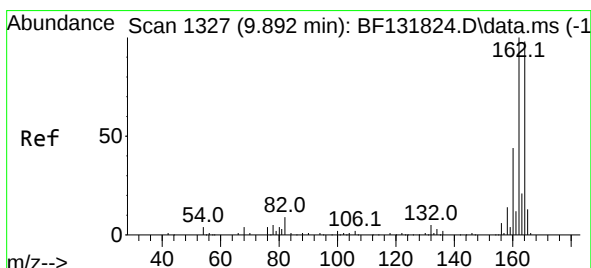
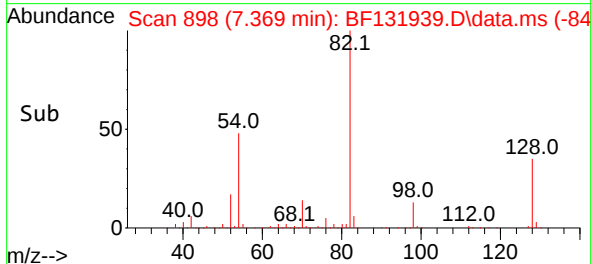
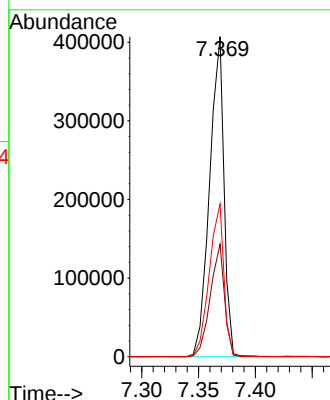
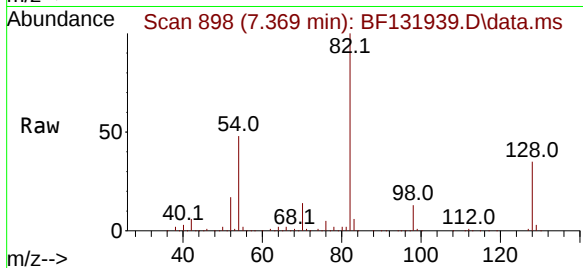
Tgt Ion: 82 Resp: 358818

Ion Ratio Lower Upper

82 100

128 35.1 27.1 40.7

54 47.7 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

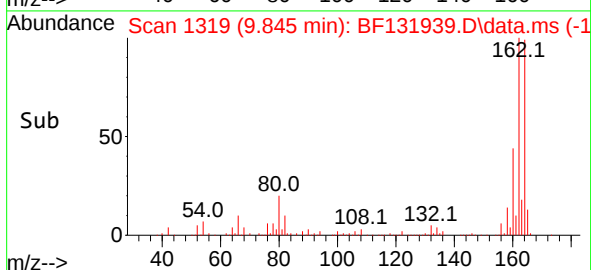
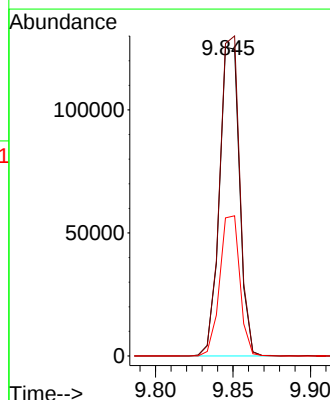
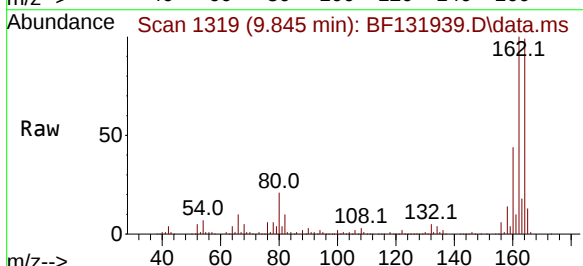
Tgt Ion:164 Resp: 113767

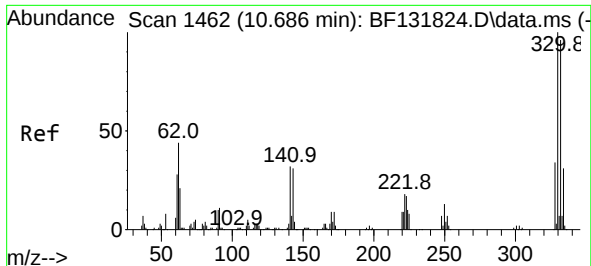
Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.6

160 44.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 87.294 ng

RT: 10.645 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

Instrument :

BNA_F

ClientSampleId :

PE-10

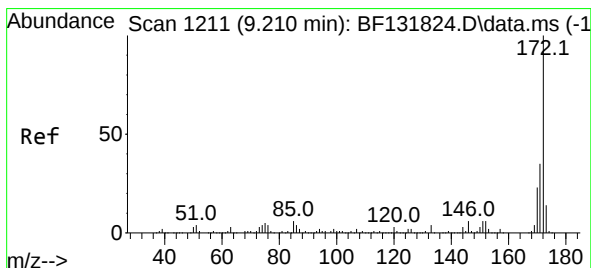
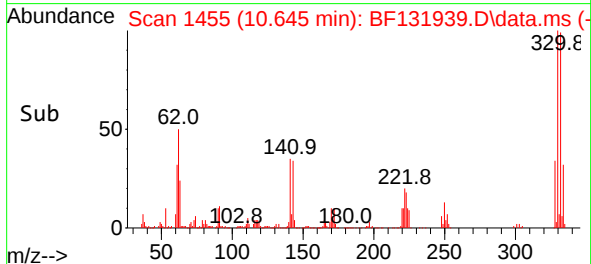
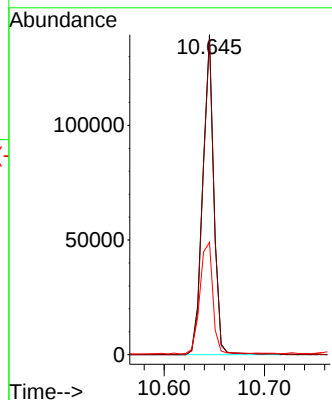
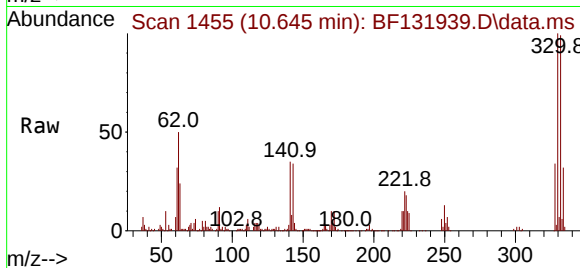
Tgt Ion:330 Resp: 107902

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.4

141 40.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 67.713 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

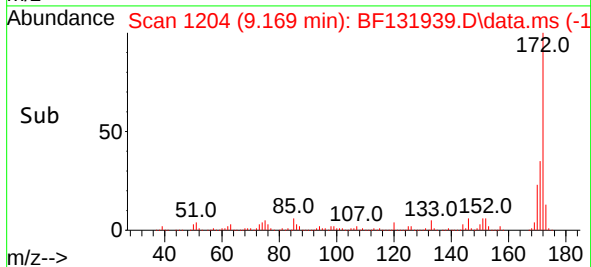
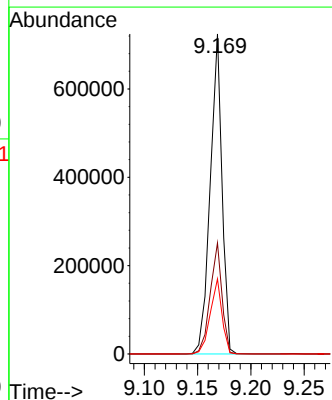
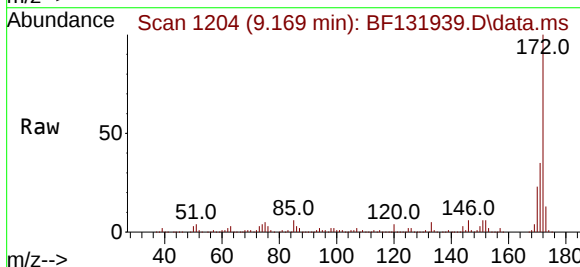
Tgt Ion:172 Resp: 562411

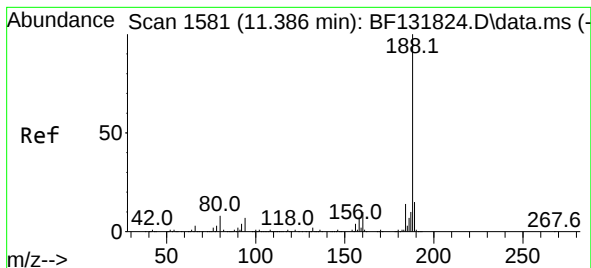
Ion Ratio Lower Upper

172 100

171 34.7 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. -0.000 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

Instrument :

BNA_F

ClientSampleId :

PE-10

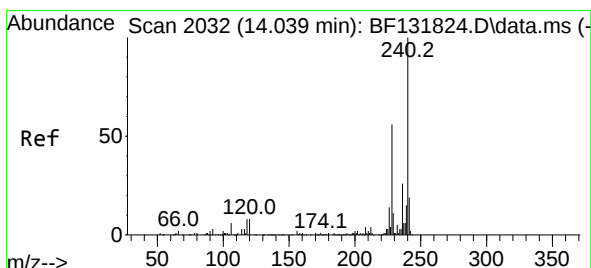
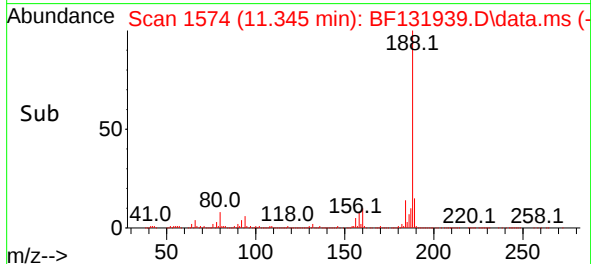
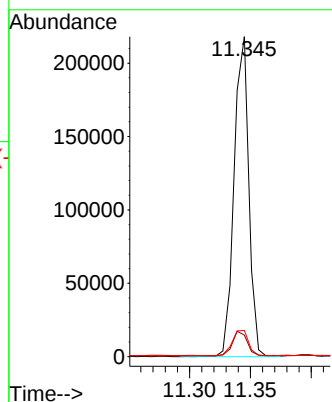
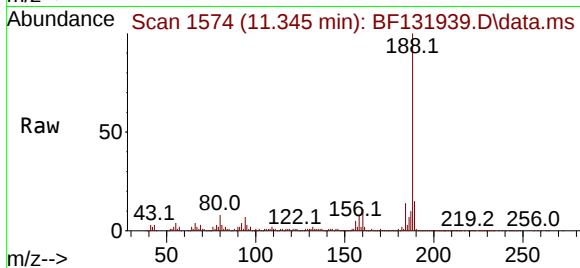
Tgt Ion:188 Resp: 182730

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 8.2 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

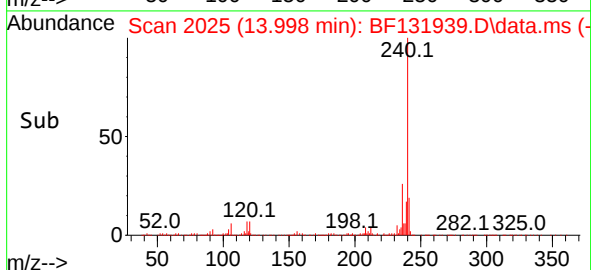
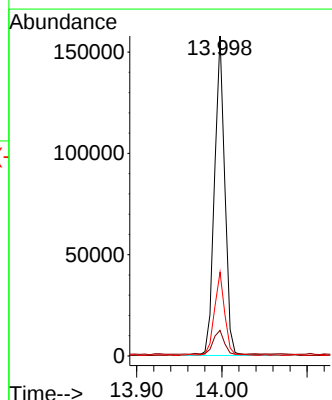
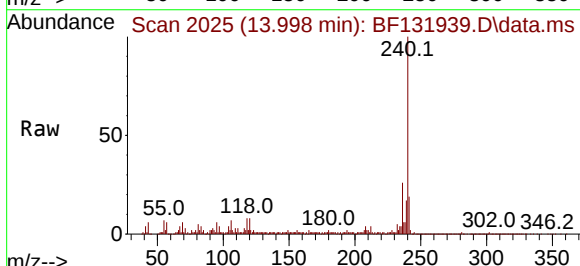
Tgt Ion:240 Resp: 132172

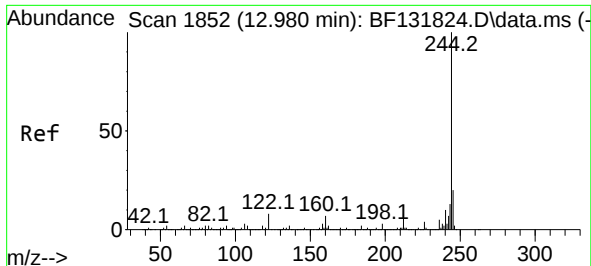
Ion Ratio Lower Upper

240 100

120 8.0 6.7 10.1

236 26.2 20.6 31.0

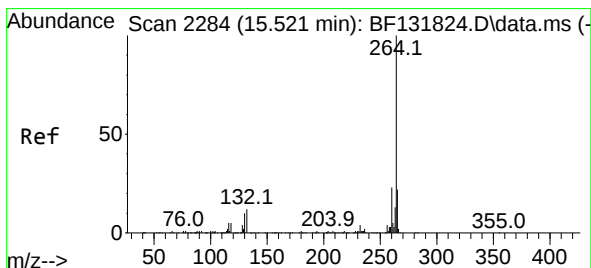
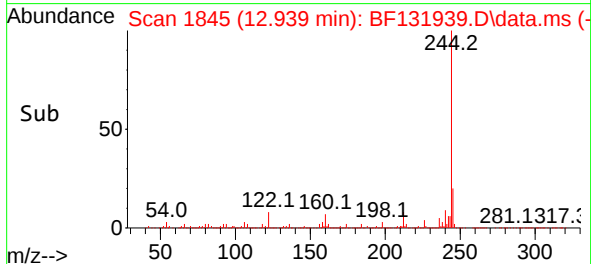
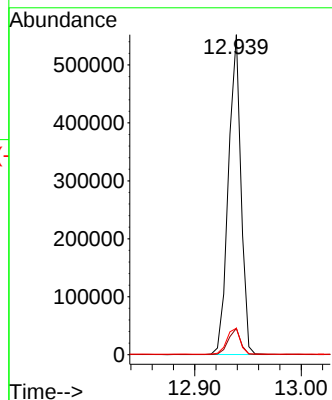
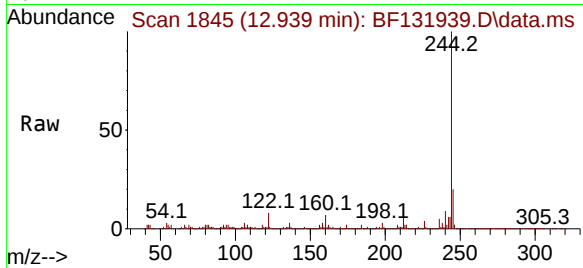




#79
 Terphenyl-d14
 Concen: 57.420 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131939.D
 Acq: 06 Jan 2023 13:48

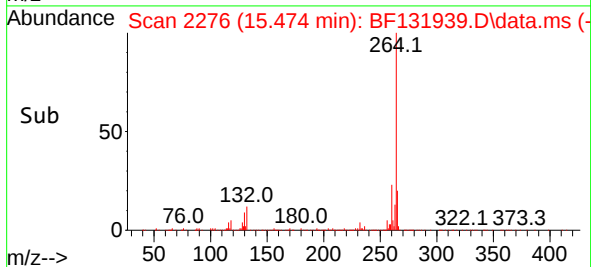
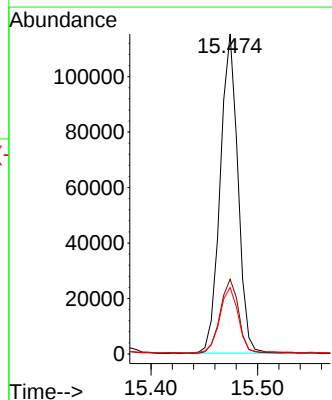
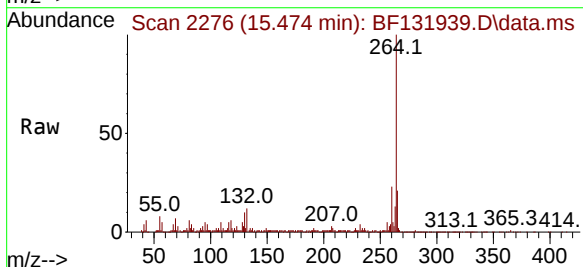
Instrument :
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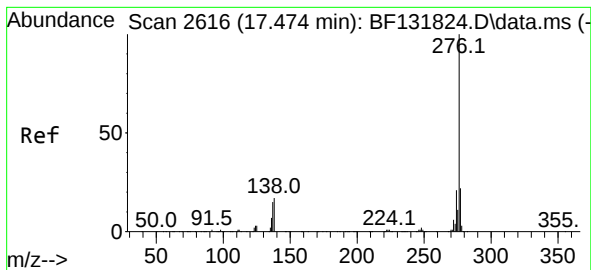
Tgt Ion:244 Resp: 448669
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 8.3 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF131939.D
 Acq: 06 Jan 2023 13:48

Tgt Ion:264 Resp: 132400
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 20.7 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 6.070 ng

RT: 17.386 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF131939.D

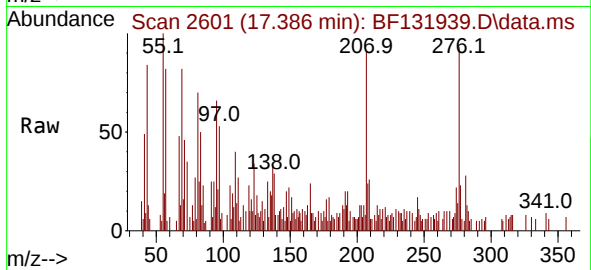
Acq: 06 Jan 2023 13:48

Instrument :

BNA_F

ClientSampleId :

PE-10



Tgt Ion:276 Resp: 7528

Ion Ratio Lower Upper

276 100

277 25.0 17.9 26.9

138 31.2 13.7 20.5#

