

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131937.D
 Acq On : 06 Jan 2023 12:43
 Operator : CG\JU
 Sample : N6243-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Jan 07 01:20:28 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)

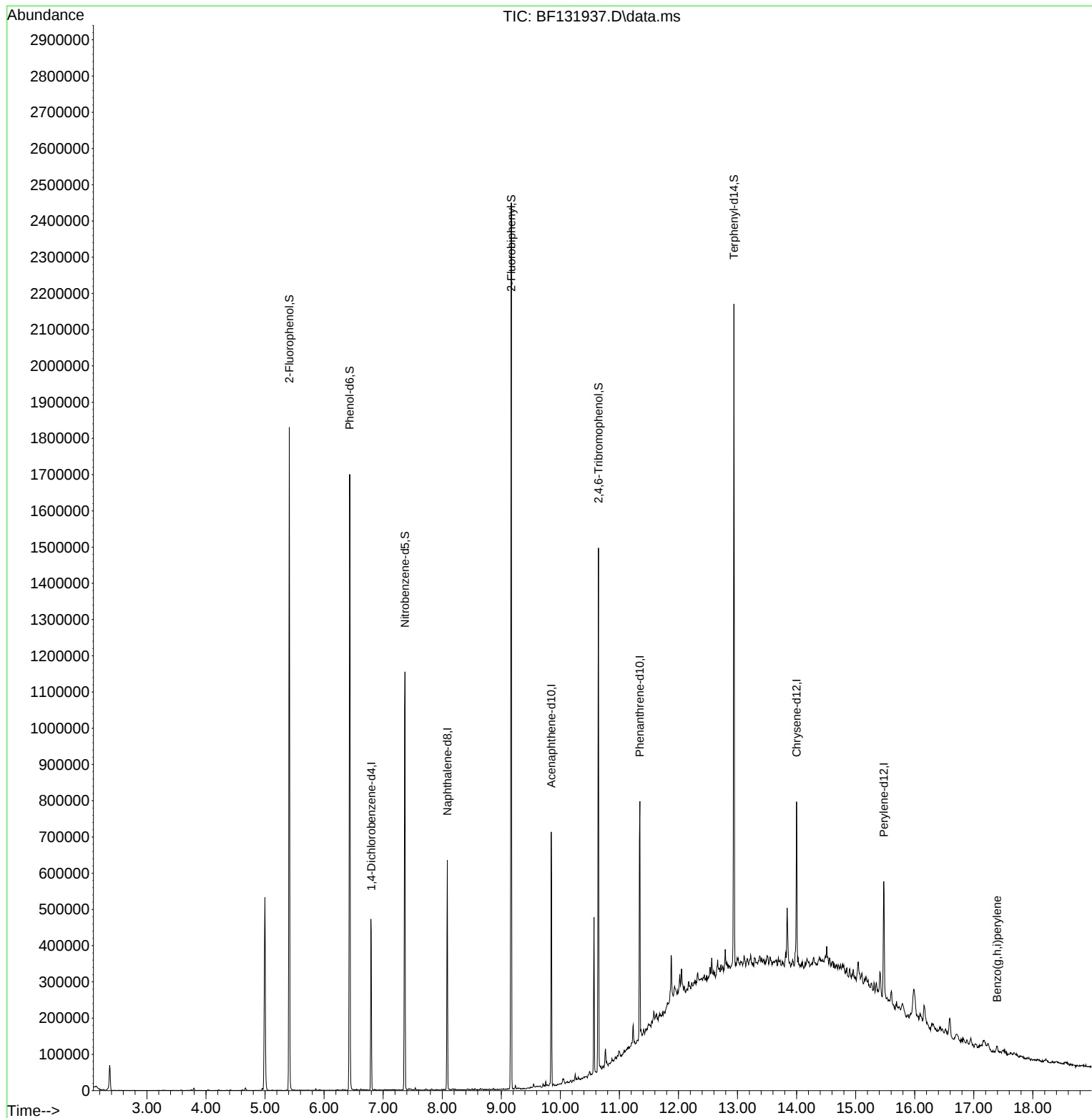
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.799	152	65272	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	237119	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	131418	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	225243	20.000	ng	0.00
76) Chrysene-d12	13.998	240	137434	20.000	ng	0.00
86) Perylene-d12	15.474	264	145920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	434823	110.399	ng	0.01
7) Phenol-d6	6.434	99	564438	109.077	ng	0.00
23) Nitrobenzene-d5	7.369	82	397497	66.930	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	140785	98.598	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	674470	70.298	ng	0.00
79) Terphenyl-d14	12.939	244	582302	71.669	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.392	276	14458	6.681	ng	Qvalue 95

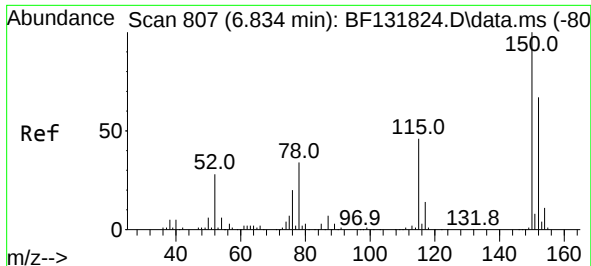
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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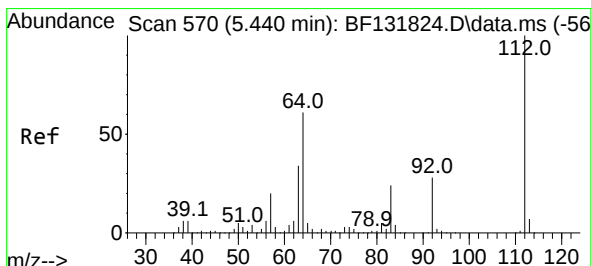
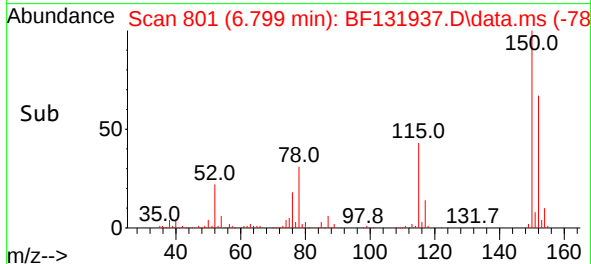
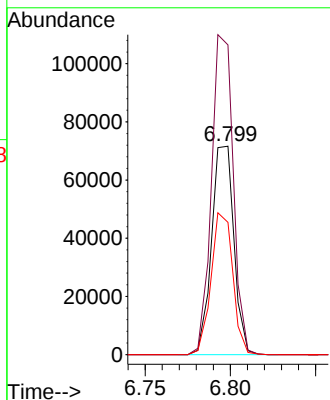
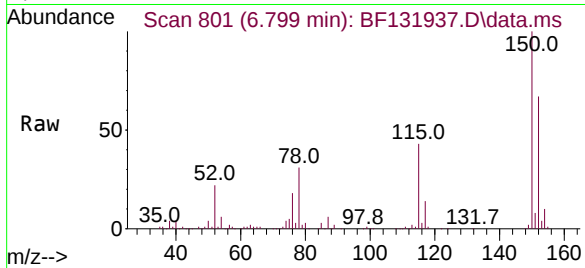




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.799 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

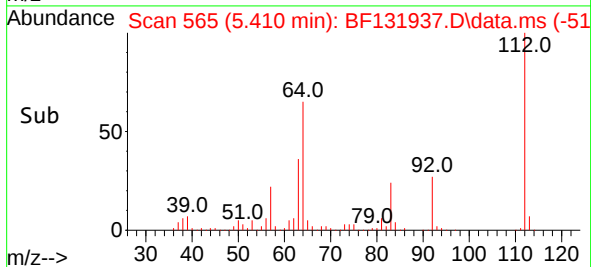
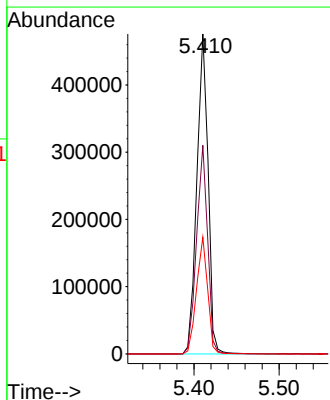
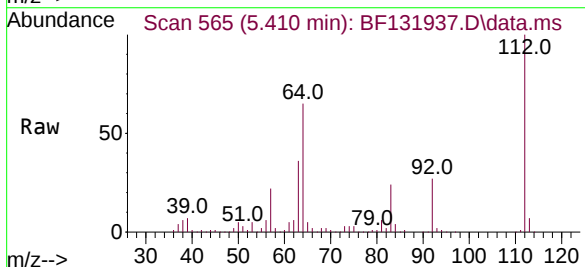
Instrument :
BNA_F
ClientSampleId :
PE-2

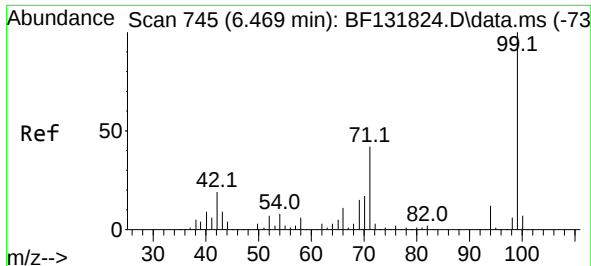
Tgt Ion:152 Resp: 65272
Ion Ratio Lower Upper
152 100
150 148.6 120.0 180.0
115 63.4 55.1 82.7



#5
2-Fluorophenol
Concen: 110.399 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

Tgt Ion:112 Resp: 434823
Ion Ratio Lower Upper
112 100
64 65.2 49.2 73.8
63 36.5 27.5 41.3

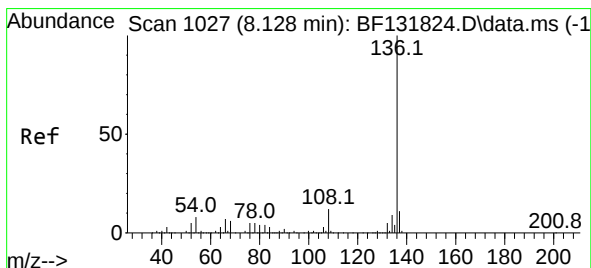
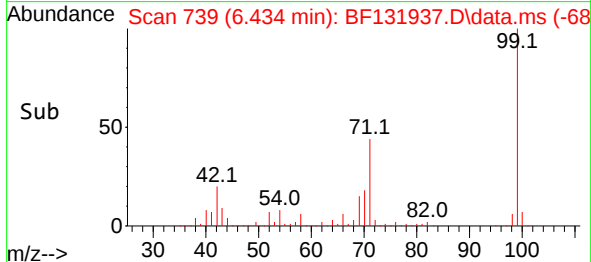
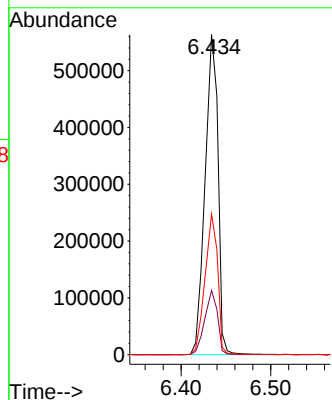
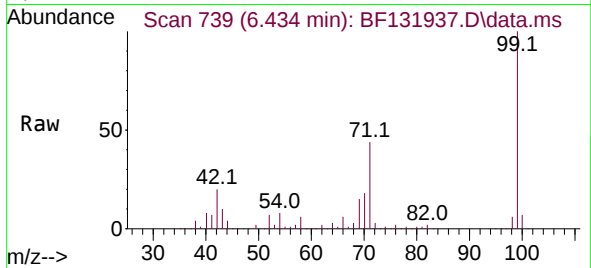




#7
Phenol-d6
Concen: 109.077 ng
RT: 6.434 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

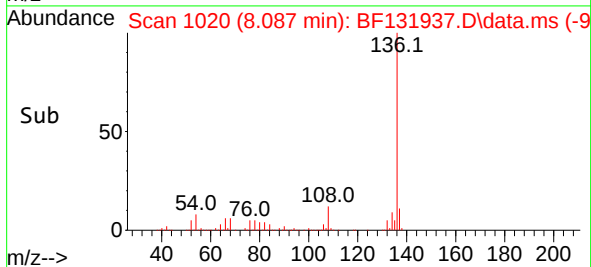
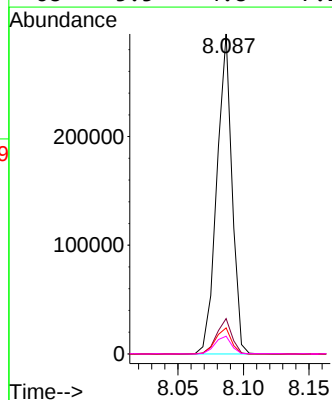
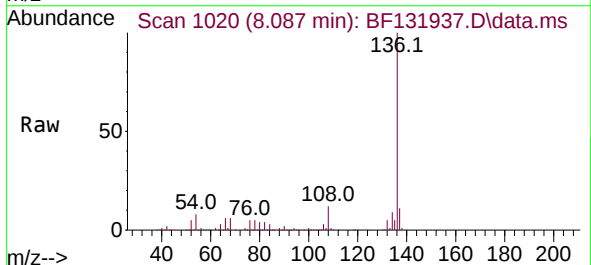
Instrument :
BNA_F
ClientSampleId :
PE-2

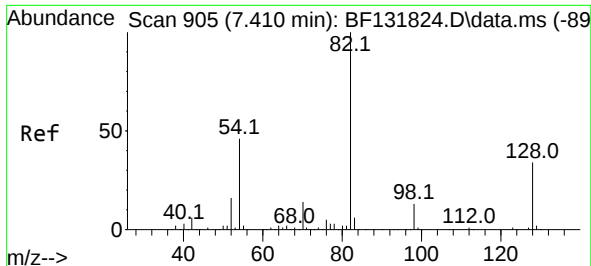
Tgt Ion: 99 Resp: 564438
Ion Ratio Lower Upper
99 100
42 20.0 15.3 22.9
71 44.0 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

Tgt Ion: 136 Resp: 237119
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.1 6.7 10.1
68 5.5 4.8 7.2

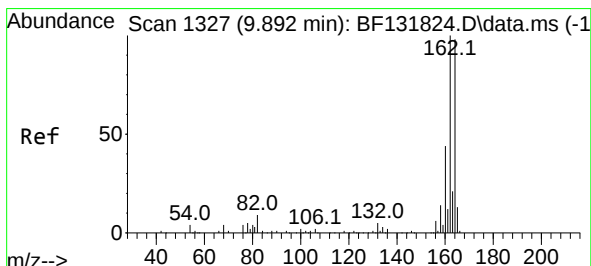
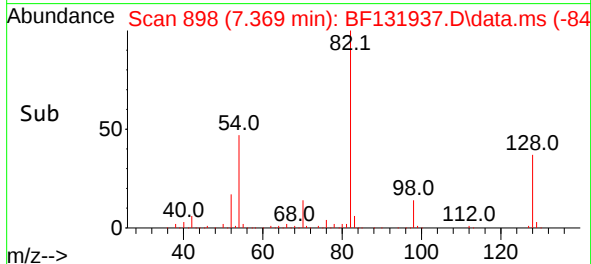
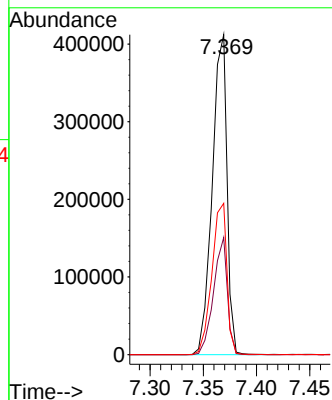
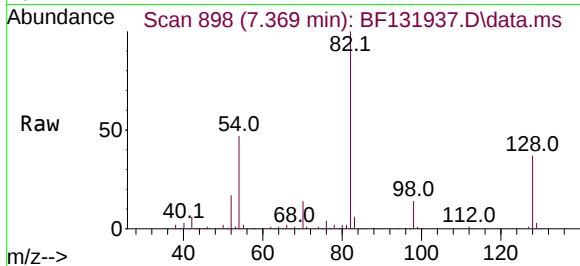




#23
Nitrobenzene-d5
Concen: 66.930 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

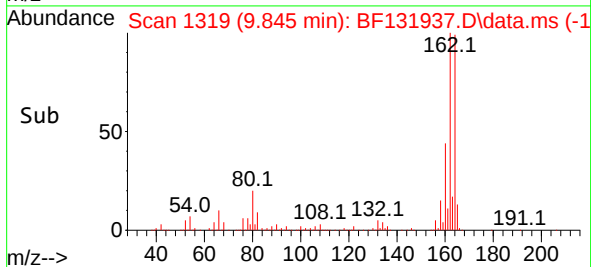
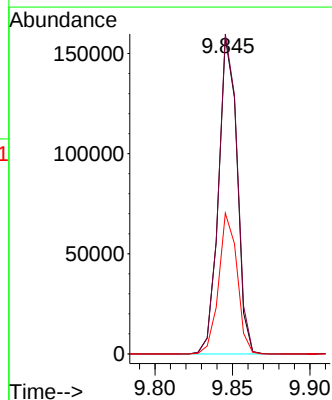
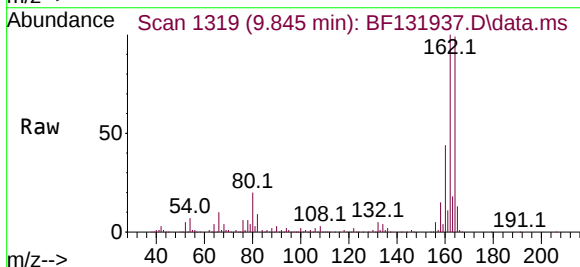
Instrument :
BNA_F
ClientSampleId :
PE-2

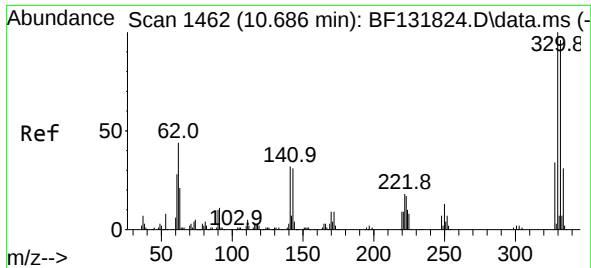
Tgt Ion: 82 Resp: 397497
Ion Ratio Lower Upper
82 100
128 36.6 27.1 40.7
54 47.3 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

Tgt Ion:164 Resp: 131418
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 44.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 98.598 ng

RT: 10.645 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF131937.D

Acq: 06 Jan 2023 12:43

Instrument :

BNA_F

ClientSampleId :

PE-2

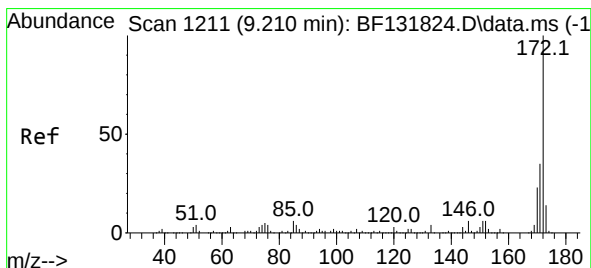
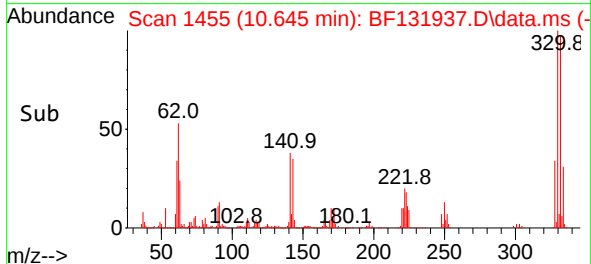
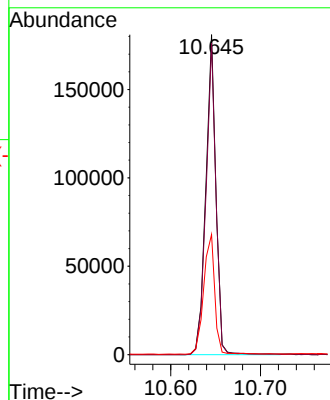
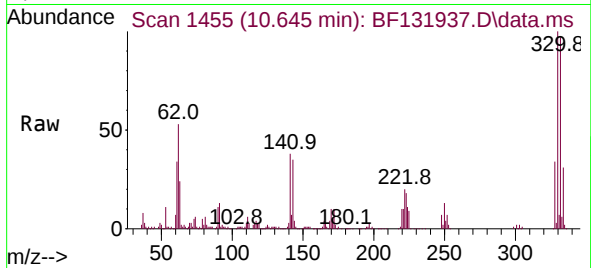
Tgt Ion:330 Resp: 140785

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 40.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 70.298 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF131937.D

Acq: 06 Jan 2023 12:43

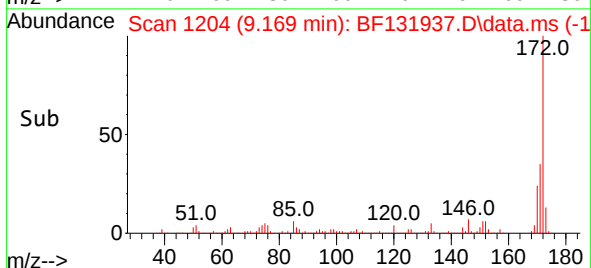
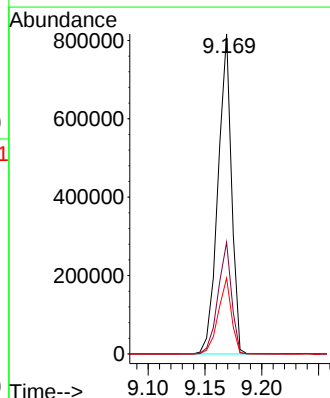
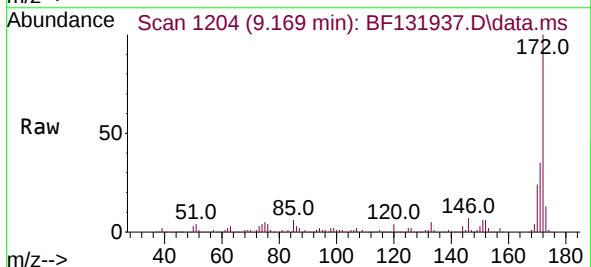
Tgt Ion:172 Resp: 674470

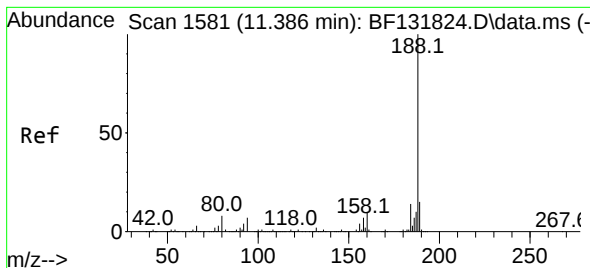
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131937.D

Acq: 06 Jan 2023 12:43

Instrument :

BNA_F

ClientSampleId :

PE-2

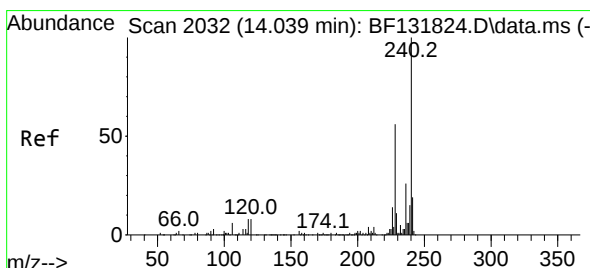
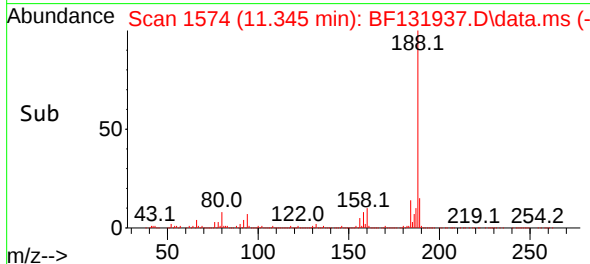
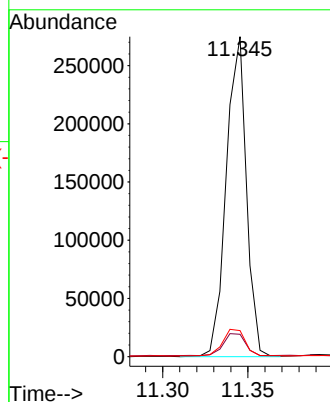
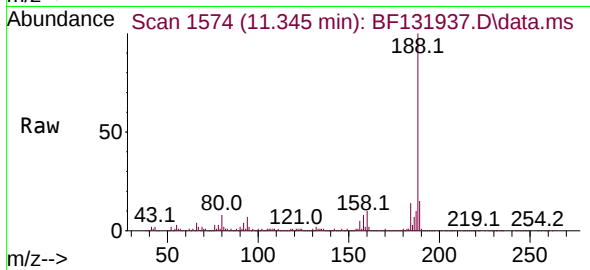
Tgt Ion:188 Resp: 225243

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 8.1 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: BF131937.D

Acq: 06 Jan 2023 12:43

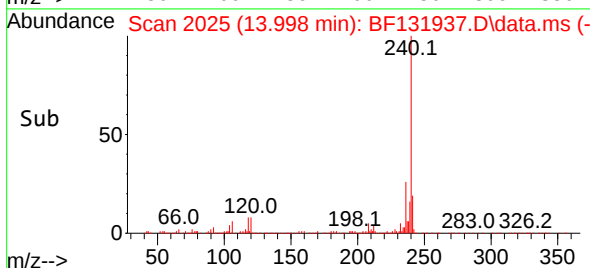
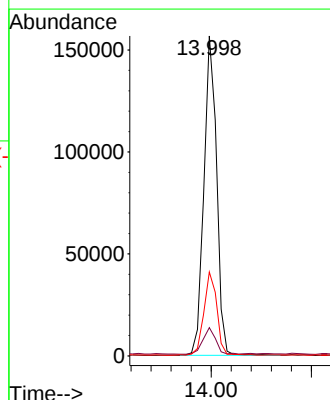
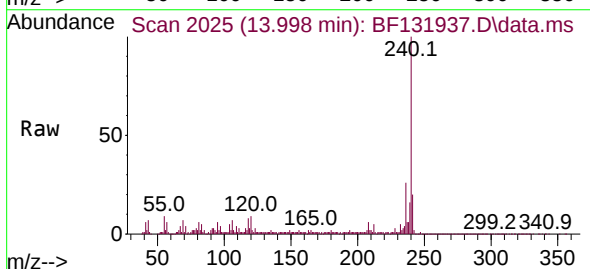
Tgt Ion:240 Resp: 137434

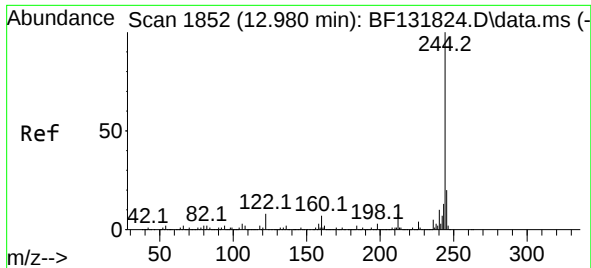
Ion Ratio Lower Upper

240 100

120 8.8 6.7 10.1

236 26.2 20.6 31.0

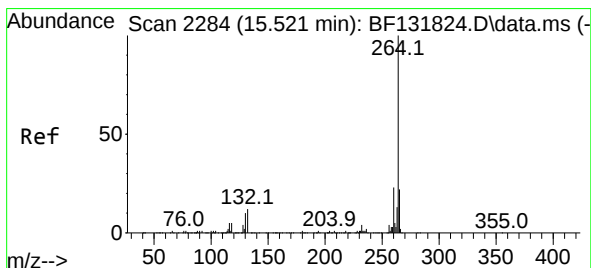
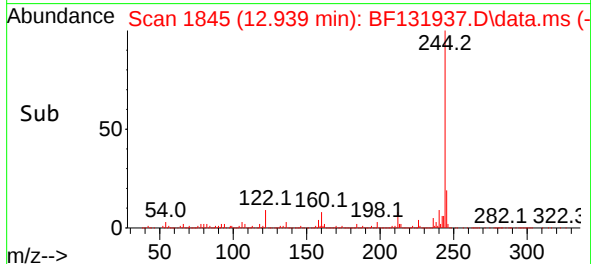
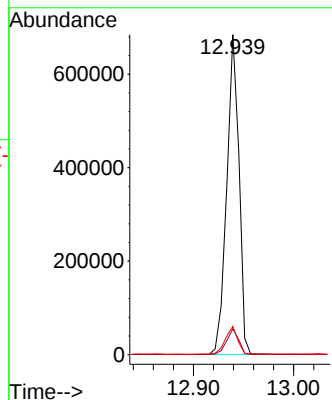
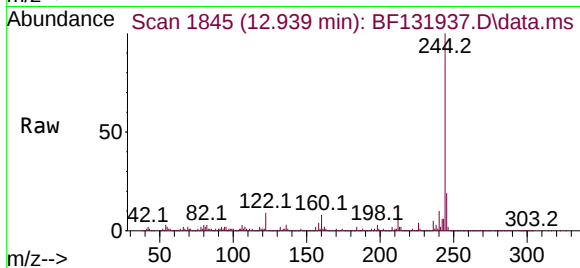




#79
 Terphenyl-d14
 Concen: 71.669 ng
 RT: 12.939 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131937.D
 Acq: 06 Jan 2023 12:43

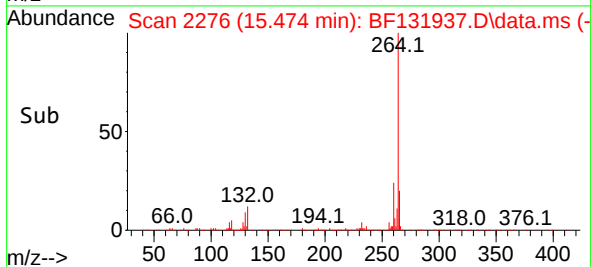
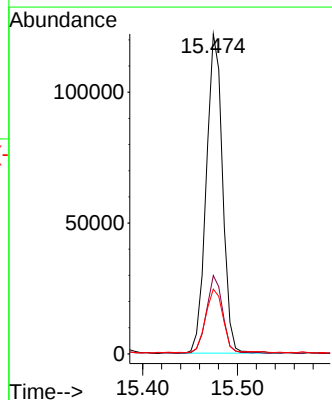
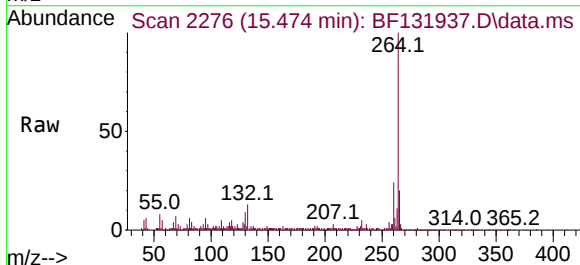
Instrument :
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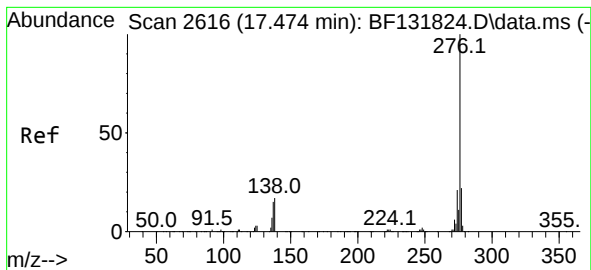
Tgt Ion:244 Resp: 582302
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 8.8 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF131937.D
 Acq: 06 Jan 2023 12:43

Tgt Ion:264 Resp: 145920
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 20.2 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 6.681 ng

RT: 17.392 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF131937.D

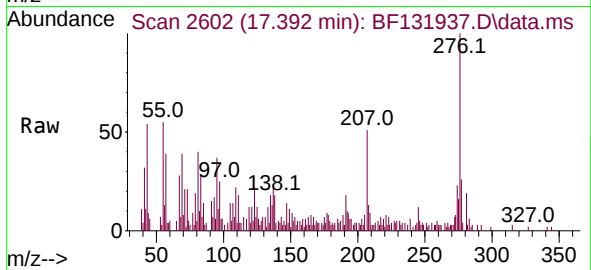
Acq: 06 Jan 2023 12:43

Instrument :

BNA_F

ClientSampleId :

PE-2



Tgt Ion:276 Resp: 14458

Ion Ratio Lower Upper

276 100

277 25.9 17.9 26.9

138 17.6 13.7 20.5

