

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131903.D
 Acq On : 04 Jan 2023 17:26
 Operator : CG\JU
 Sample : 01001-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C3

Quant Time: Jan 05 05:43:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	64593	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	224471	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	119685	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	195365	20.000	ng	0.00
76) Chrysene-d12	14.010	240	136580	20.000	ng	0.00
86) Perylene-d12	15.492	264	161508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	421902	108.245	ng	0.00
7) Phenol-d6	6.445	99	543256	106.088	ng	0.00
23) Nitrobenzene-d5	7.381	82	379311	67.466	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	122006	93.823	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	608920	69.688	ng	0.00
79) Terphenyl-d14	12.951	244	441377	54.664	ng	0.00

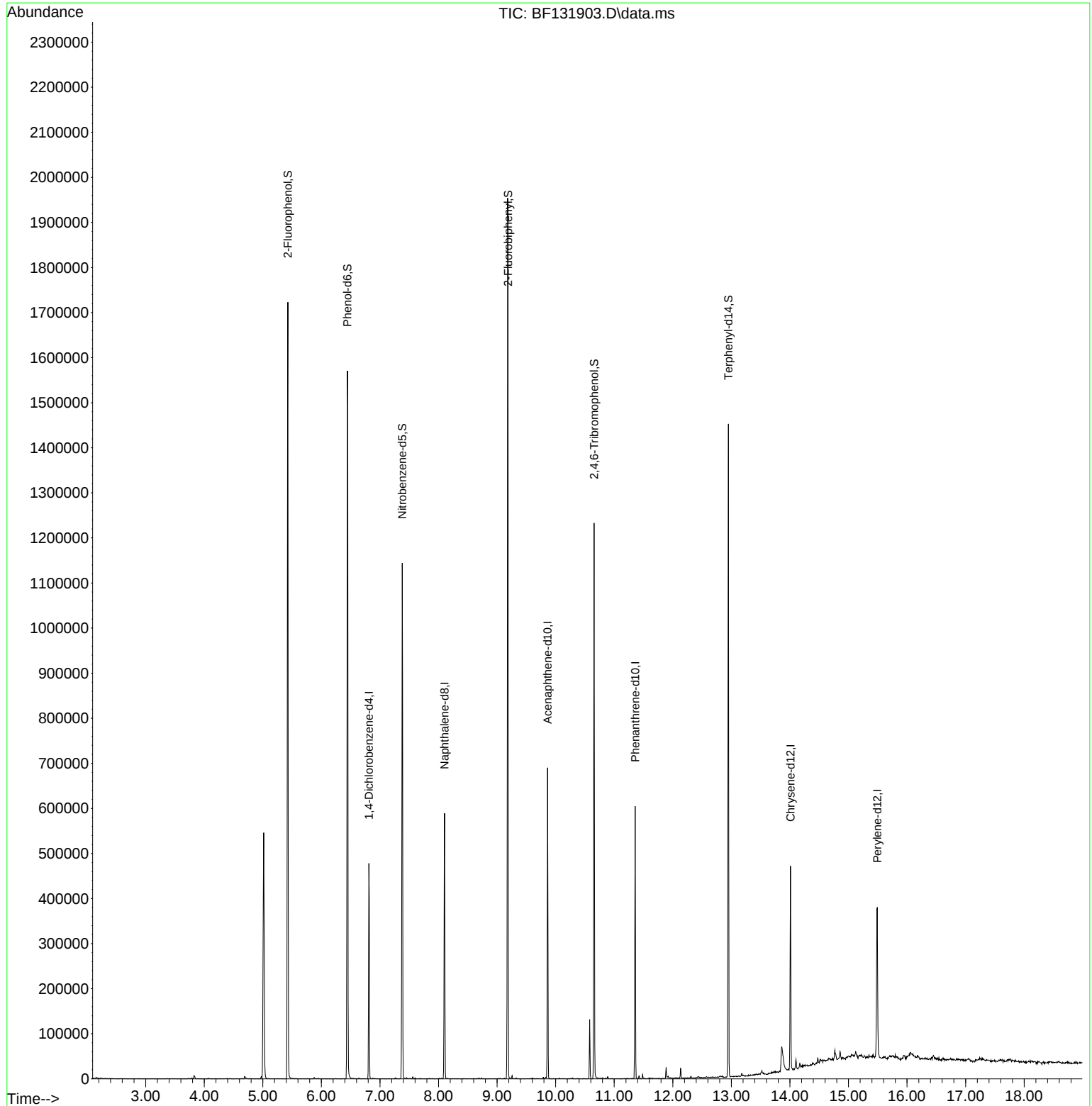
Target Compounds	Qvalue

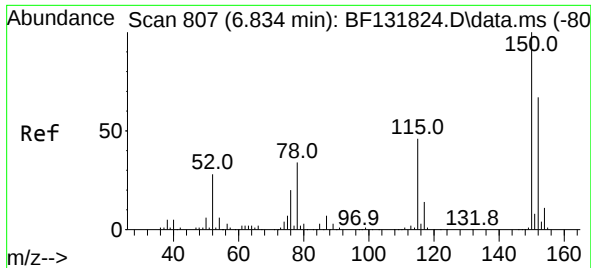
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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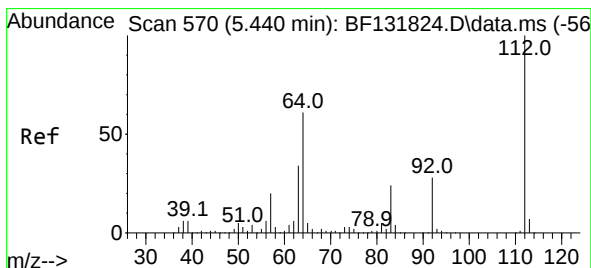
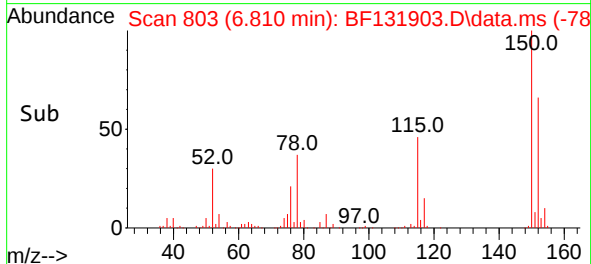
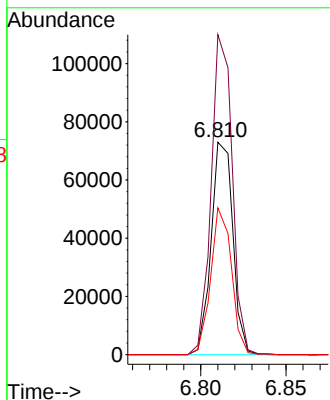
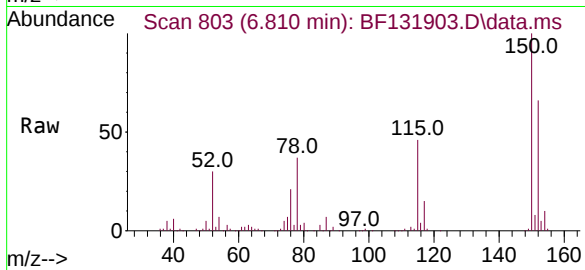




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

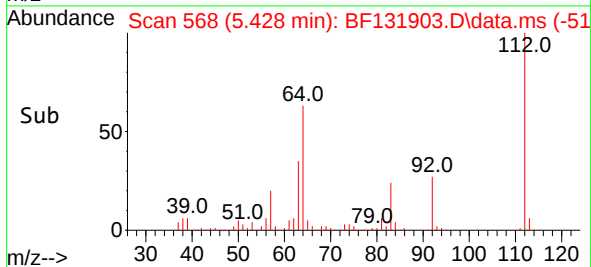
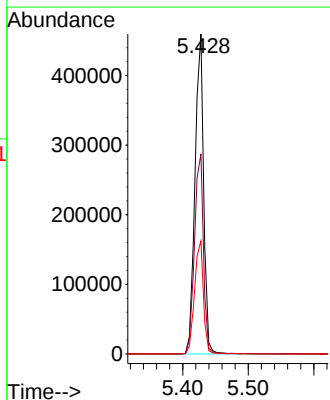
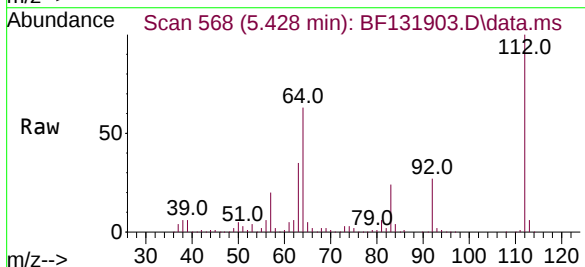
Instrument :
BNA_F
ClientSampleId :
TP-C3

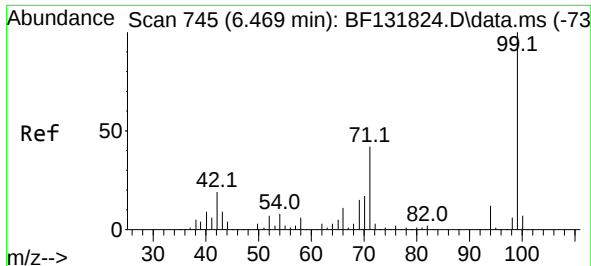
Tgt Ion:152 Resp: 64593
Ion Ratio Lower Upper
152 100
150 150.6 120.0 180.0
115 69.1 55.1 82.7



#5
2-Fluorophenol
Concen: 108.245 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

Tgt Ion:112 Resp: 421902
Ion Ratio Lower Upper
112 100
64 62.5 49.2 73.8
63 35.3 27.5 41.3

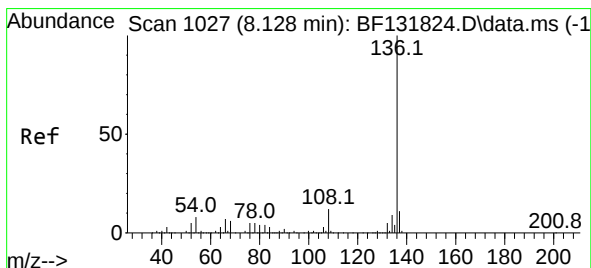
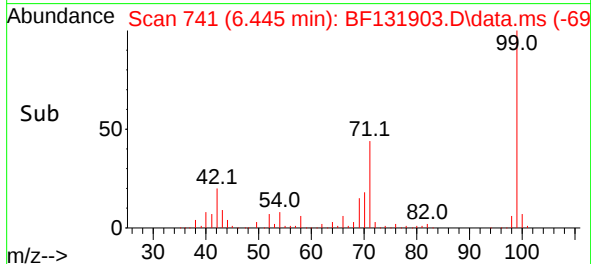
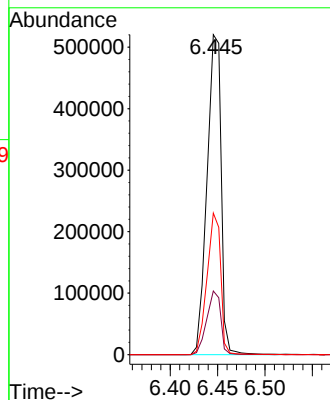
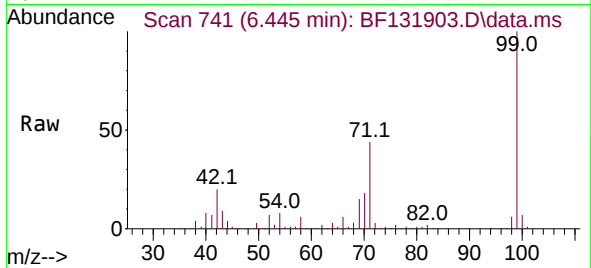




#7
Phenol-d6
Concen: 106.088 ng
RT: 6.445 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

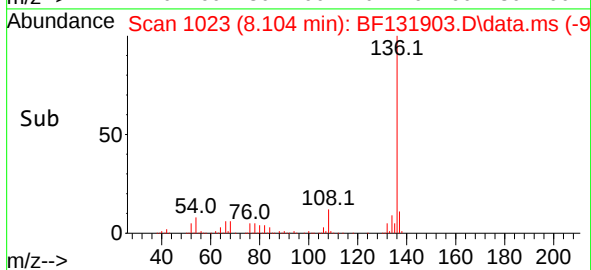
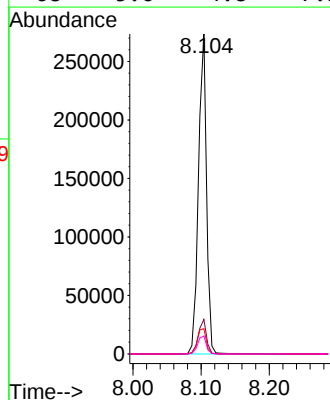
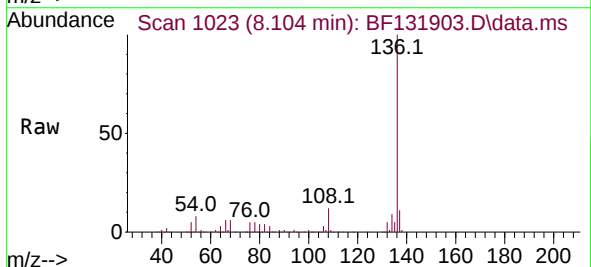
Instrument :
BNA_F
ClientSampleId :
TP-C3

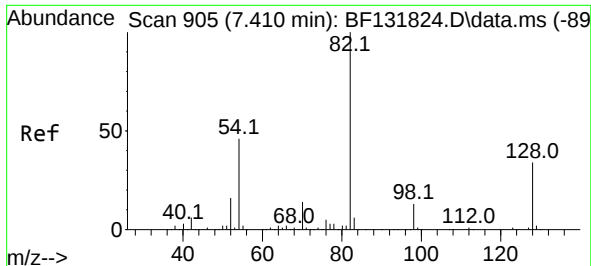
Tgt Ion: 99 Resp: 543256
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 44.2 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

Tgt Ion: 136 Resp: 224471
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.9 6.7 10.1
68 5.6 4.8 7.2

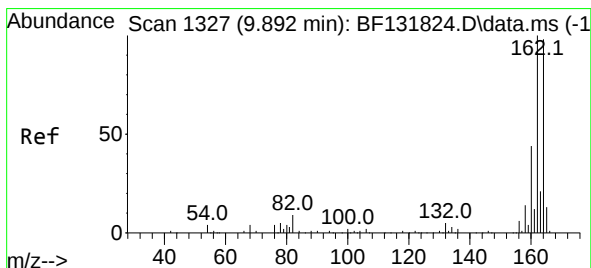
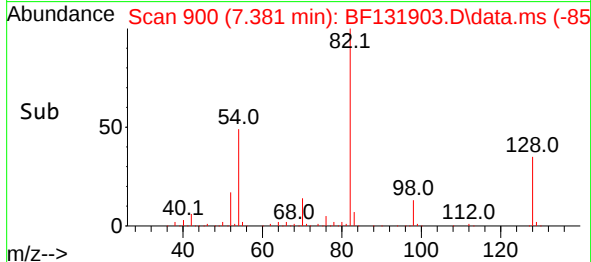
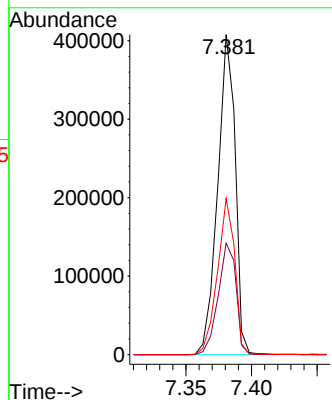
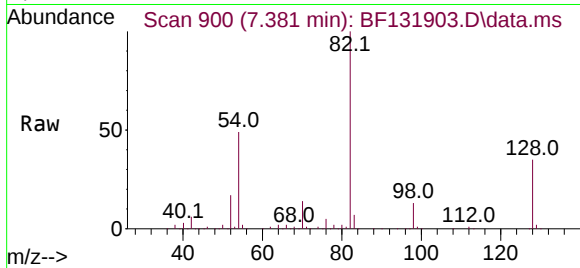




#23
Nitrobenzene-d5
Concen: 67.466 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

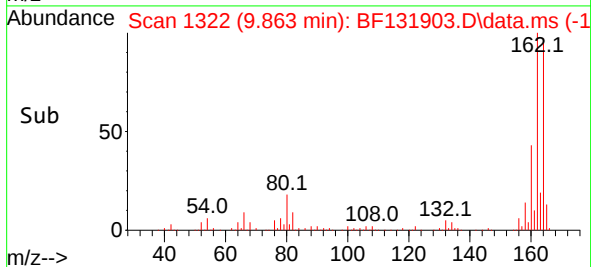
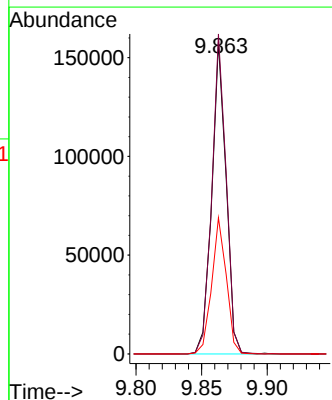
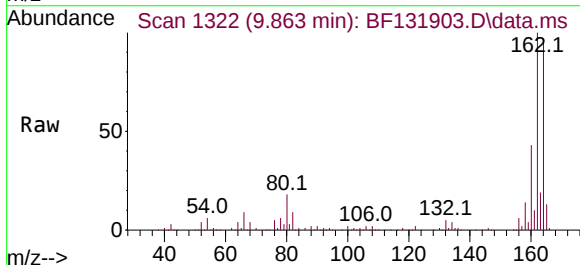
Instrument :
BNA_F
ClientSampleId :
TP-C3

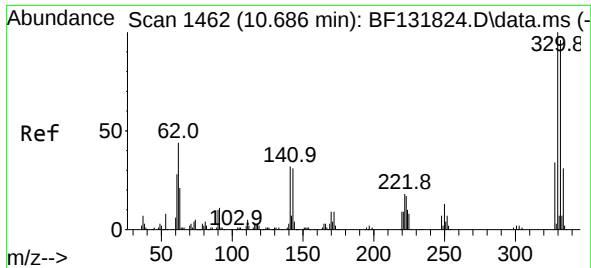
Tgt Ion: 82 Resp: 379311
Ion Ratio Lower Upper
82 100
128 34.8 27.1 40.7
54 48.8 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

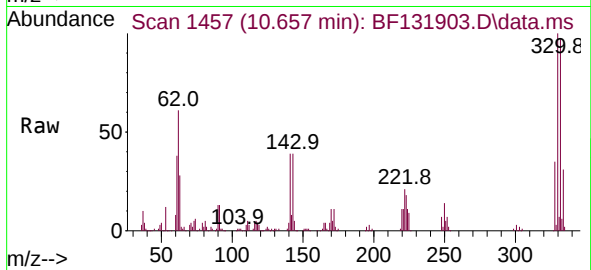
Tgt Ion:164 Resp: 119685
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 43.7 35.7 53.5



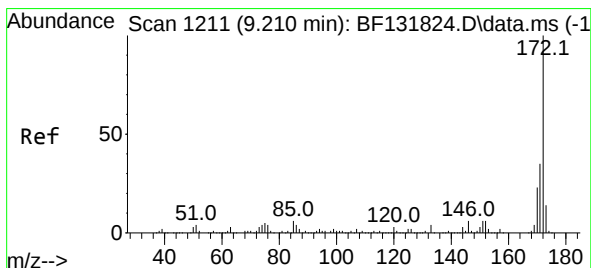
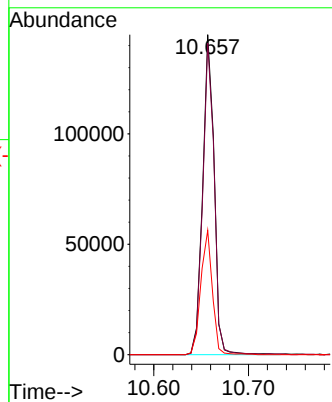
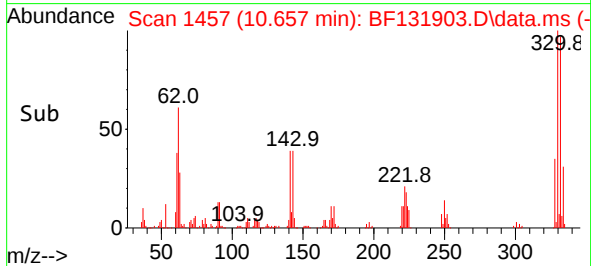


#42
 2,4,6-Tribromophenol
 Concen: 93.823 ng
 RT: 10.657 min Scan# 1462
 Delta R.T. -0.012 min
 Lab File: BF131903.D
 Acq: 04 Jan 2023 17:26

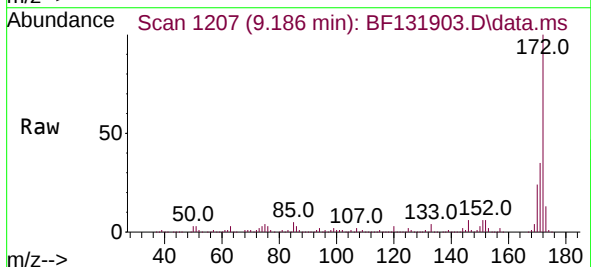
Instrument :
 BNA_F
 ClientSampleId :
 TP-C3



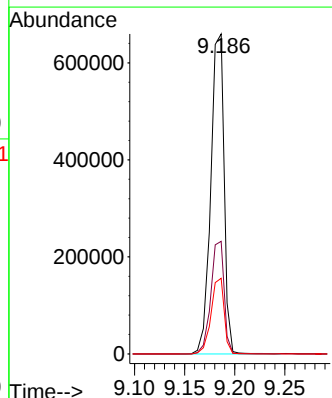
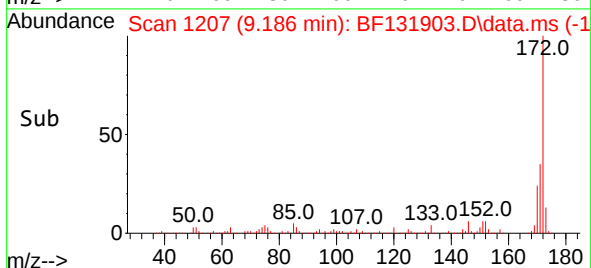
Tgt Ion:330 Resp: 122006
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.4
 141 39.0 31.0 46.4

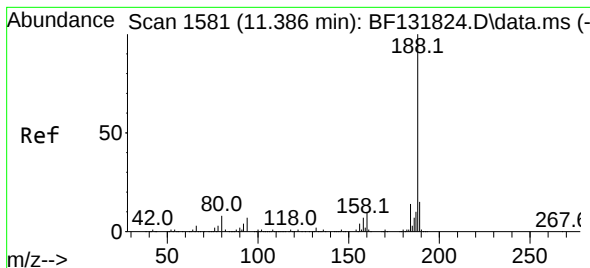


#45
 2-Fluorobiphenyl
 Concen: 69.688 ng
 RT: 9.186 min Scan# 1207
 Delta R.T. -0.006 min
 Lab File: BF131903.D
 Acq: 04 Jan 2023 17:26



Tgt Ion:172 Resp: 608920
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.9 41.9
 170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131903.D

Acq: 04 Jan 2023 17:26

Instrument :

BNA_F

ClientSampleId :

TP-C3

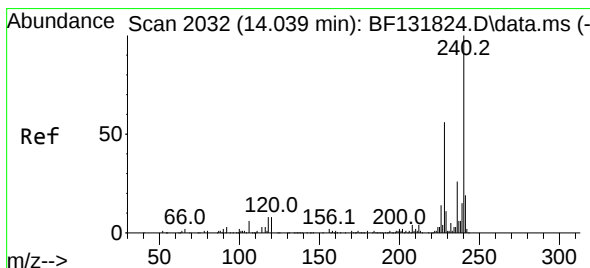
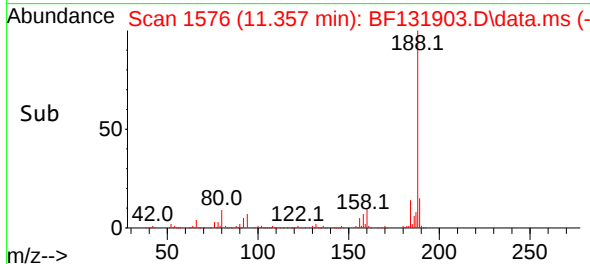
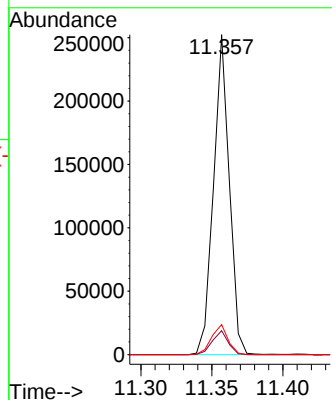
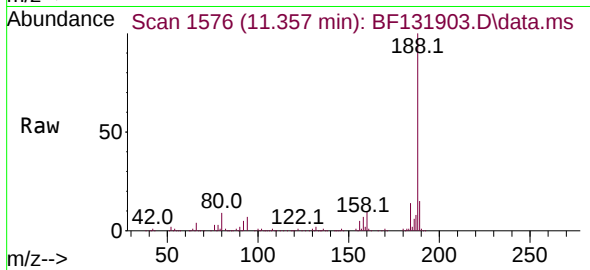
Tgt Ion:188 Resp: 195365

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

80 9.4 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF131903.D

Acq: 04 Jan 2023 17:26

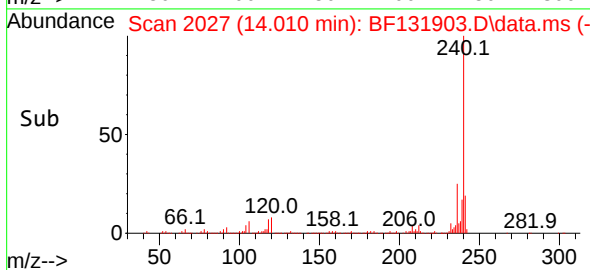
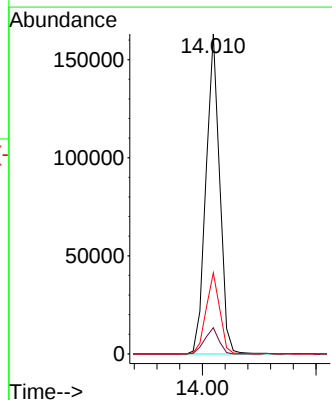
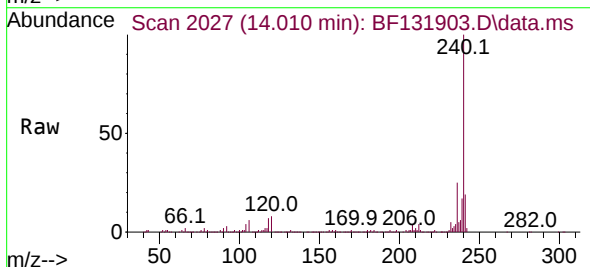
Tgt Ion:240 Resp: 136580

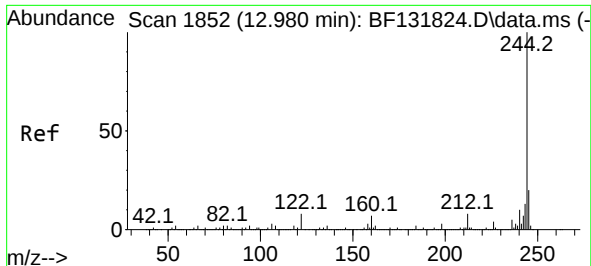
Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

236 25.3 20.6 31.0

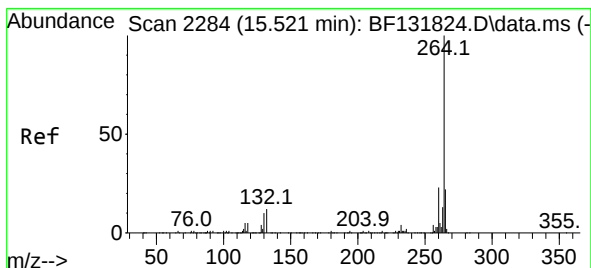
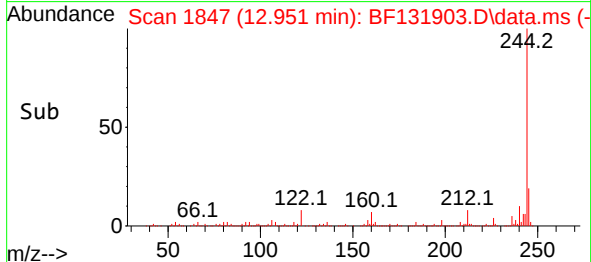
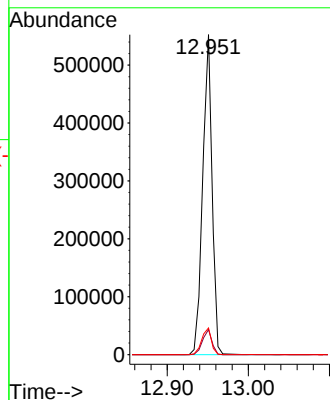
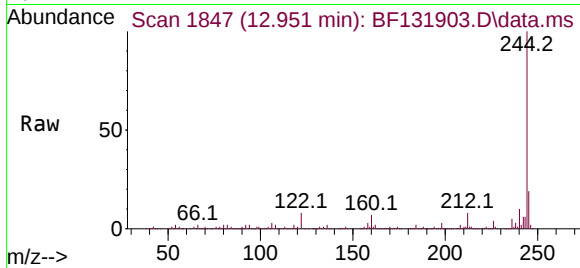




#79
 Terphenyl-d14
 Concen: 54.664 ng
 RT: 12.951 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF131903.D
 Acq: 04 Jan 2023 17:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-C3

Tgt Ion:244 Resp: 441377
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.3 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF131903.D
 Acq: 04 Jan 2023 17:26

Tgt Ion:264 Resp: 161508
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 20.0 17.4 26.0

