

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131924.D
 Acq On : 05 Jan 2023 20:05
 Operator : CG\JU
 Sample : 01009-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jan 06 03:14:06 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	67769	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	251930	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	150001	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	290867	20.000	ng	0.00
76) Chrysene-d12	13.998	240	152336	20.000	ng	-0.01
86) Perylene-d12	15.474	264	137466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	574481	140.483	ng	0.02
7) Phenol-d6	6.440	99	679551	126.484	ng	0.00
23) Nitrobenzene-d5	7.375	82	591453	93.733	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	264679	162.403	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1064245	97.181	ng	0.00
79) Terphenyl-d14	12.945	244	1244892	138.231	ng	0.00

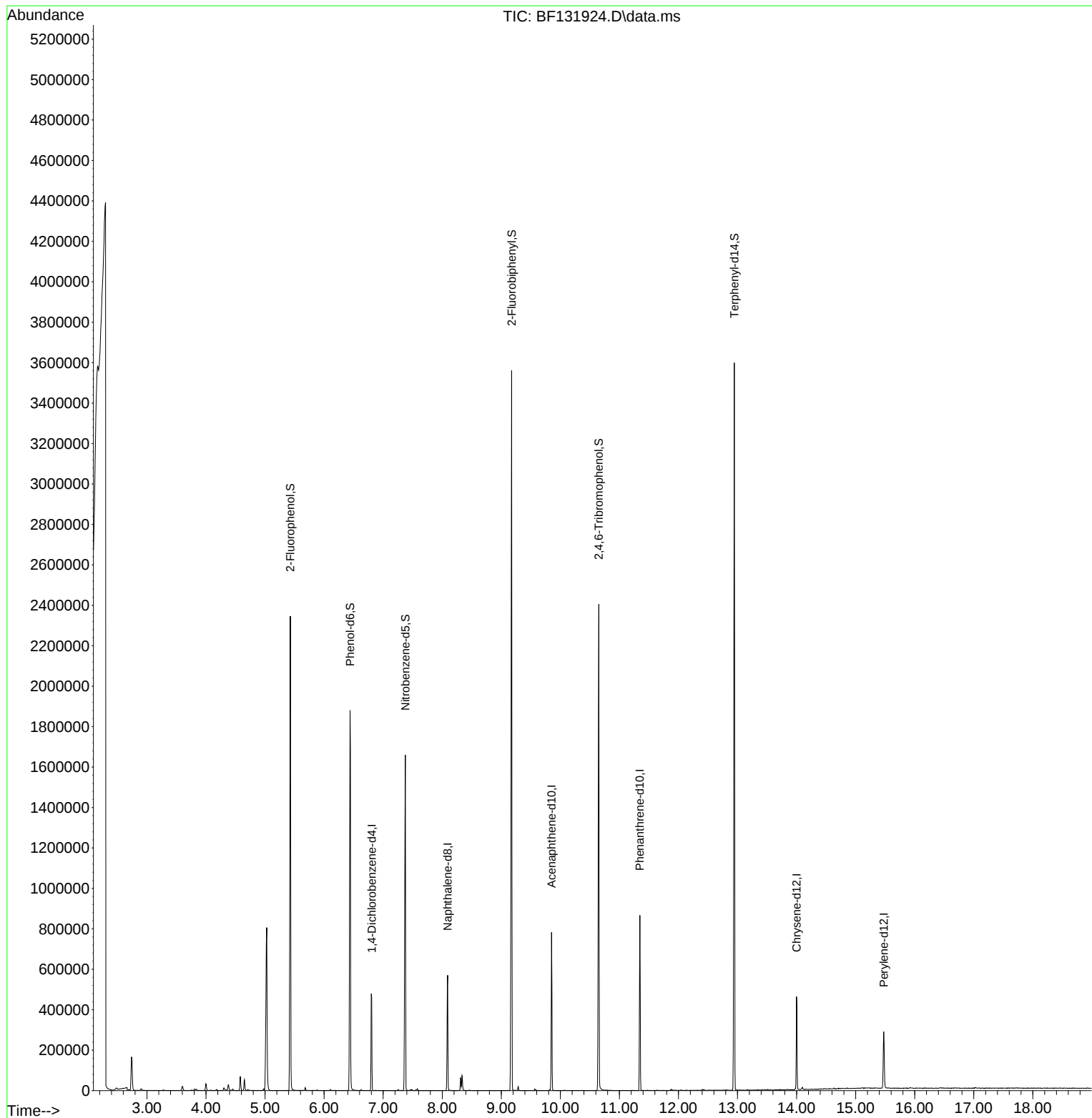
Target Compounds Qvalue

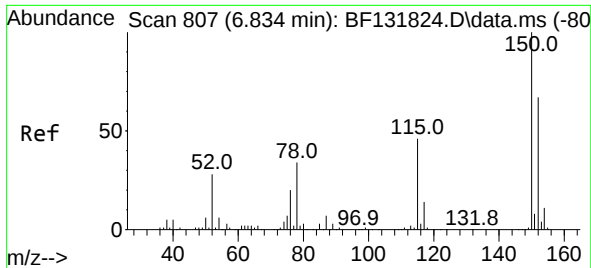
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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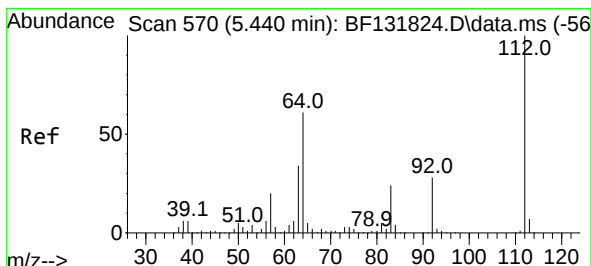
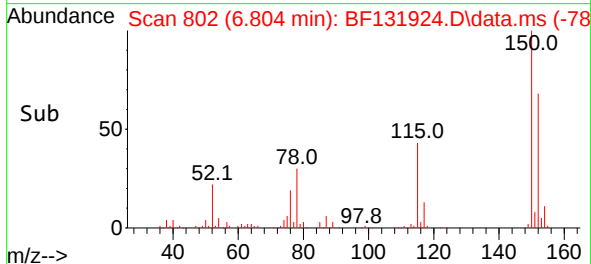
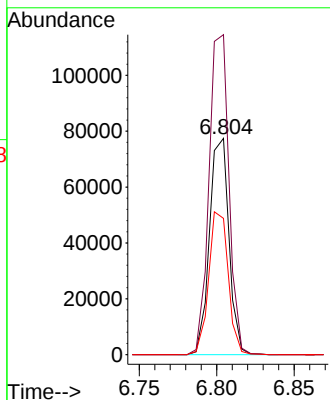
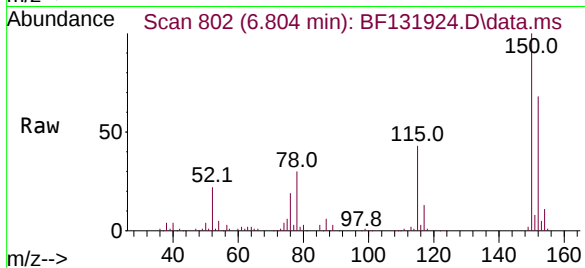




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 807
 Delta R.T. 0.000 min
 Lab File: BF131924.D
 Acq: 05 Jan 2023 20:05

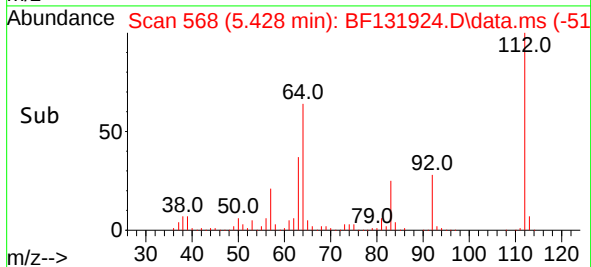
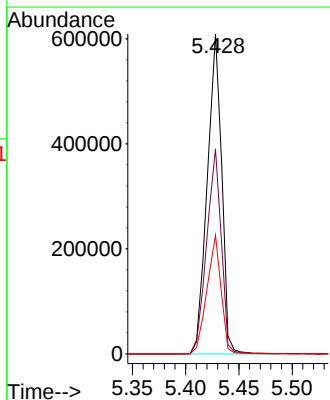
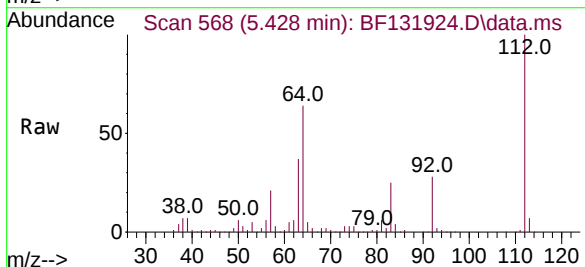
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

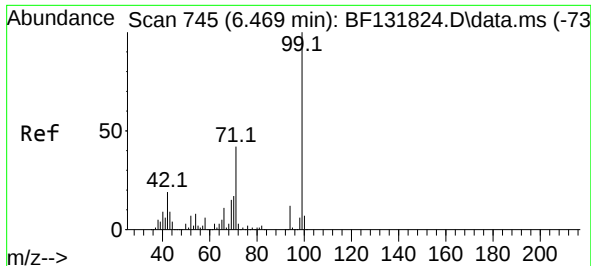
Tgt Ion:152 Resp: 67769
 Ion Ratio Lower Upper
 152 100
 150 148.0 120.0 180.0
 115 63.0 55.1 82.7



#5
 2-Fluorophenol
 Concen: 140.483 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.024 min
 Lab File: BF131924.D
 Acq: 05 Jan 2023 20:05

Tgt Ion:112 Resp: 574481
 Ion Ratio Lower Upper
 112 100
 64 64.1 49.2 73.8
 63 37.1 27.5 41.3

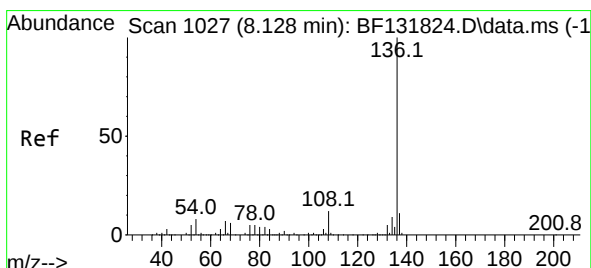
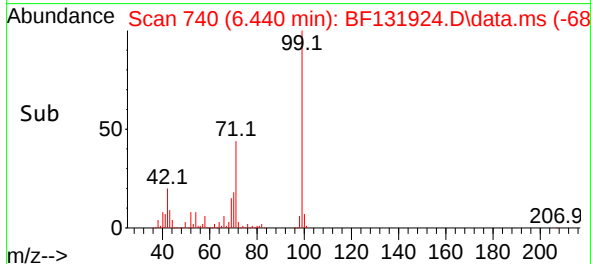
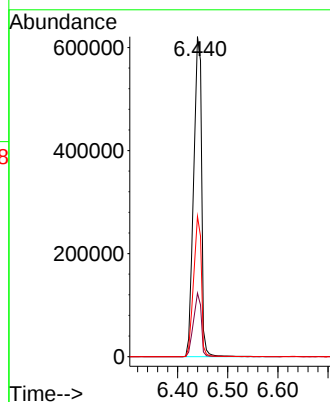
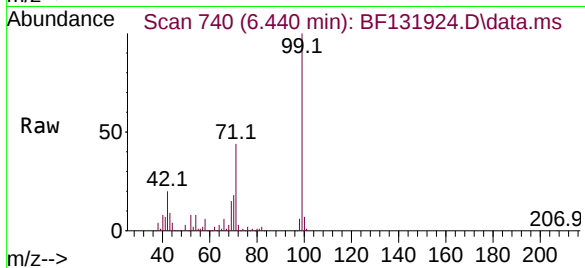




#7
Phenol-d6
Concen: 126.484 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131924.D
Acq: 05 Jan 2023 20:05

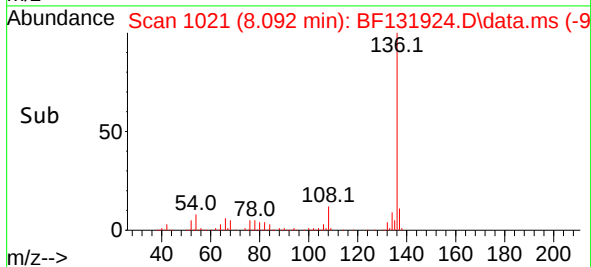
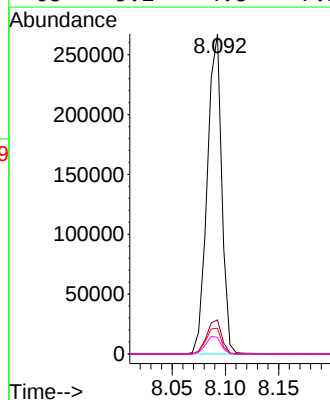
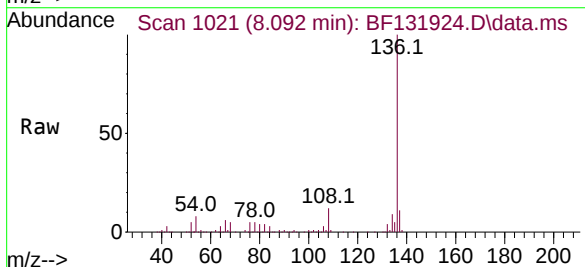
Instrument :
BNA_F
ClientSampleId :
TP-4

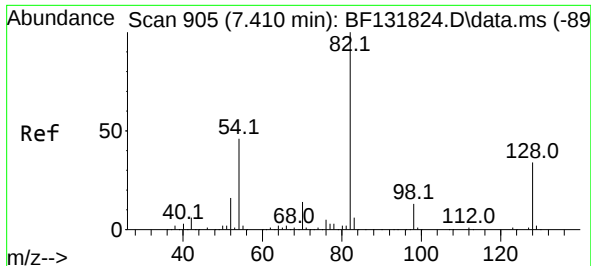
Tgt Ion: 99 Resp: 679551
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.8 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131924.D
Acq: 05 Jan 2023 20:05

Tgt Ion: 136 Resp: 251930
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.0 6.7 10.1
68 5.2 4.8 7.2

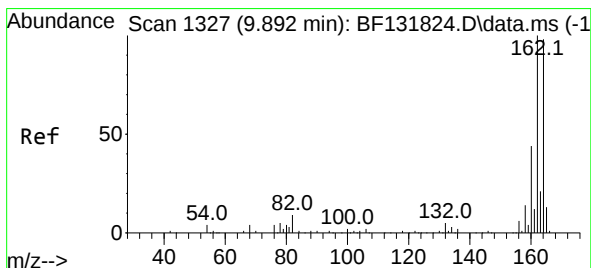
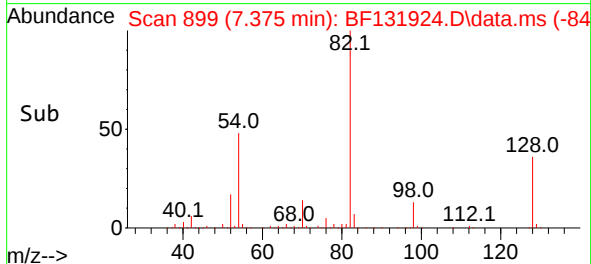
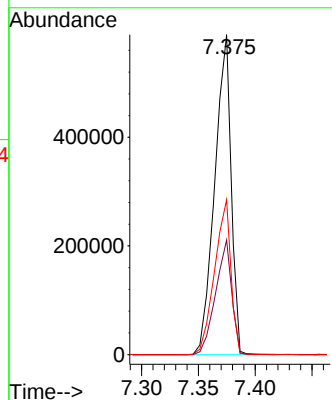
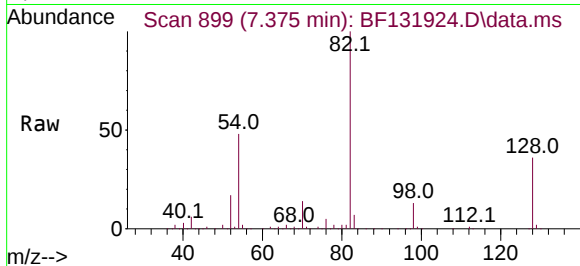




#23
 Nitrobenzene-d5
 Concen: 93.733 ng
 RT: 7.375 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF131924.D
 Acq: 05 Jan 2023 20:05

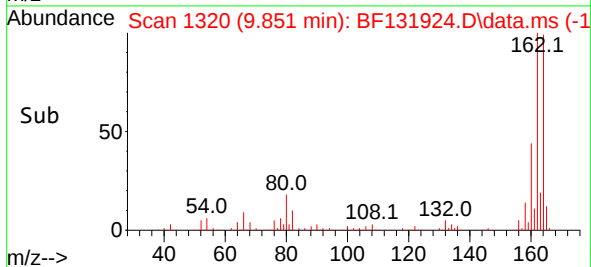
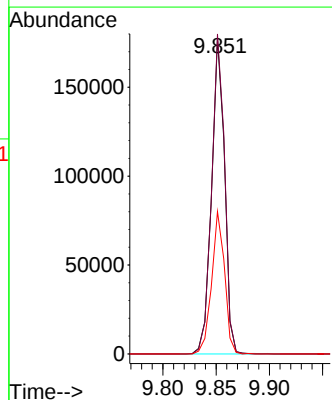
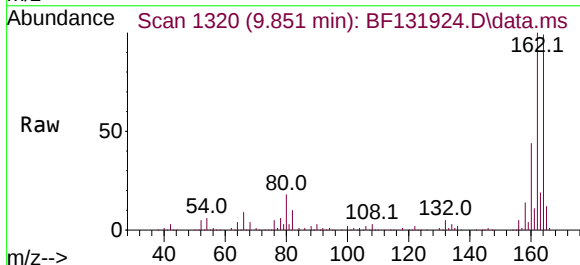
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

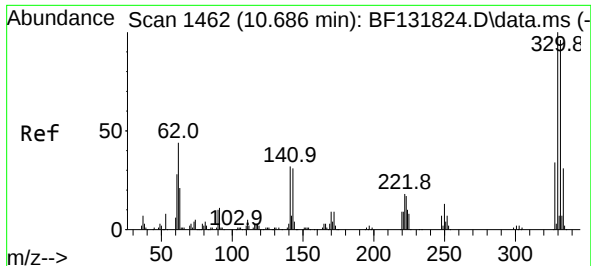
Tgt Ion: 82 Resp: 591453
 Ion Ratio Lower Upper
 82 100
 128 35.8 27.1 40.7
 54 48.4 37.0 55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.851 min Scan# 1320
 Delta R.T. -0.006 min
 Lab File: BF131924.D
 Acq: 05 Jan 2023 20:05

Tgt Ion:164 Resp: 150001
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.8 122.6
 160 45.1 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 162.403 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.000 min

Lab File: BF131924.D

Acq: 05 Jan 2023 20:05

Instrument :

BNA_F

ClientSampleId :

TP-4

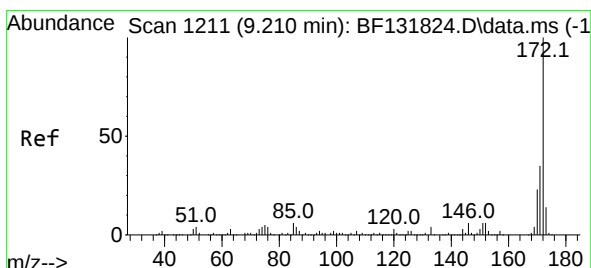
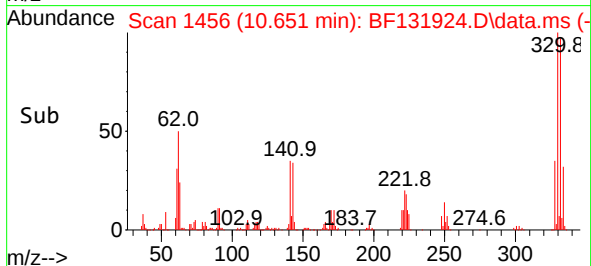
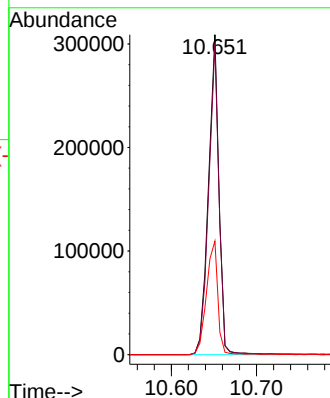
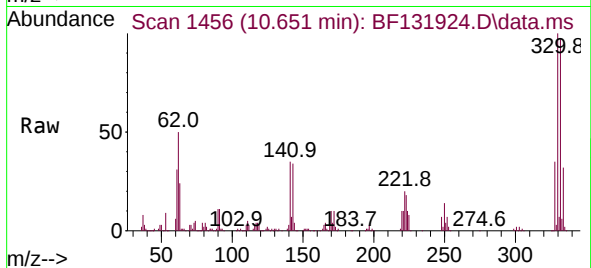
Tgt Ion:330 Resp: 264679

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 38.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 97.181 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF131924.D

Acq: 05 Jan 2023 20:05

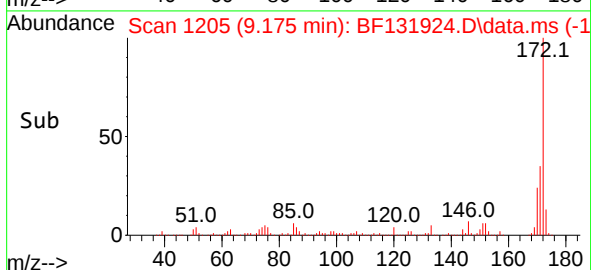
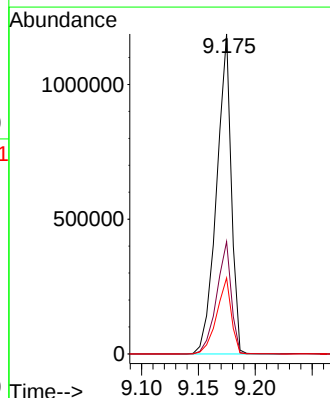
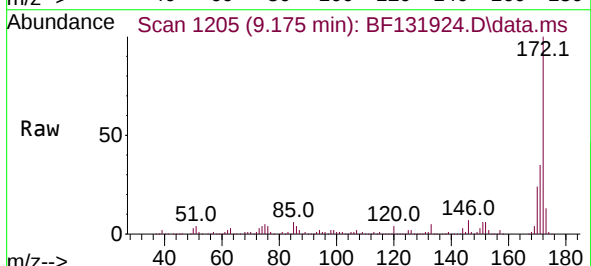
Tgt Ion:172 Resp: 1064245

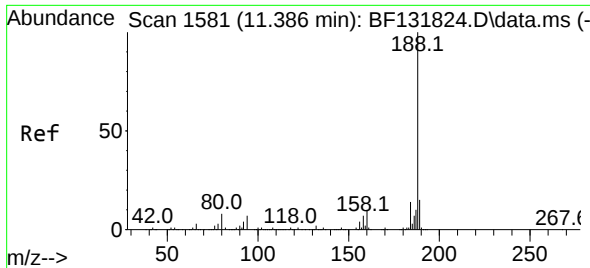
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.7 18.7 28.1

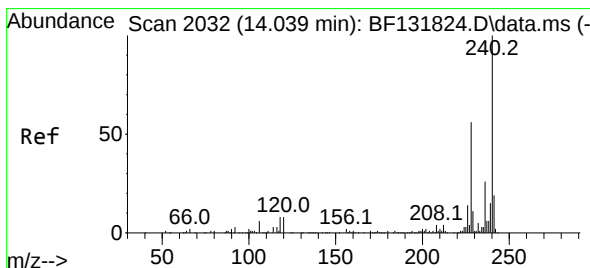
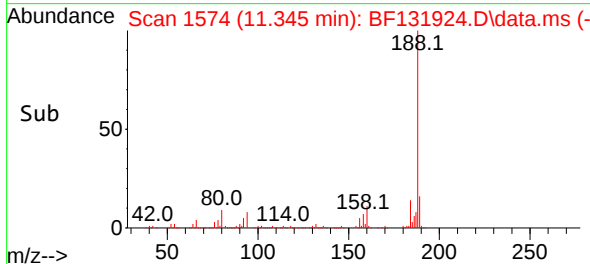
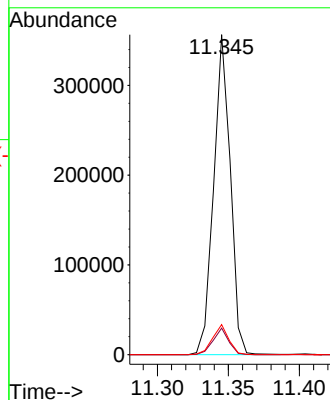
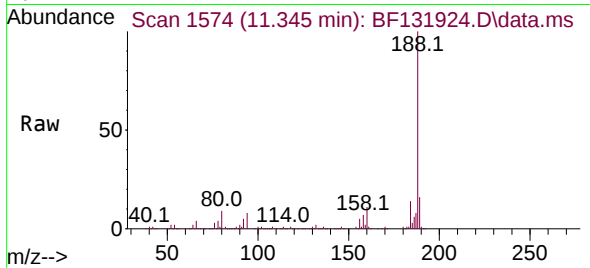




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131924.D
Acq: 05 Jan 2023 20:05

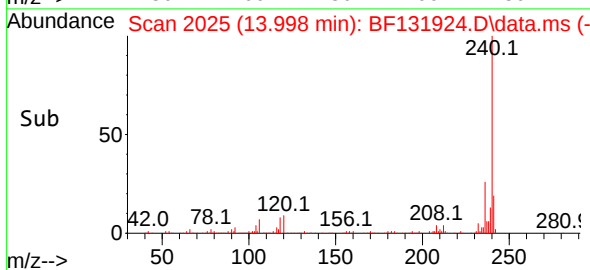
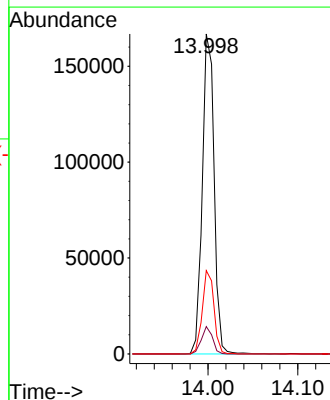
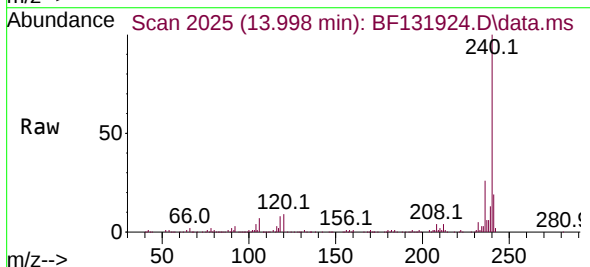
Instrument :
BNA_F
ClientSampleId :
TP-4

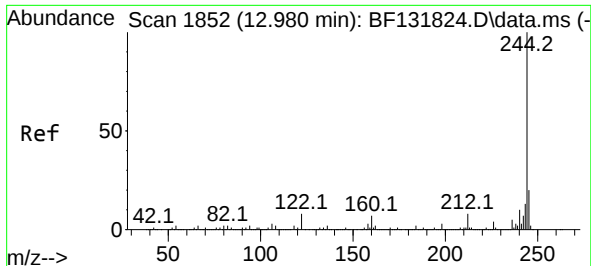
Tgt Ion:188 Resp: 290867
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.6
80 9.4 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF131924.D
Acq: 05 Jan 2023 20:05

Tgt Ion:240 Resp: 152336
Ion Ratio Lower Upper
240 100
120 8.5 6.7 10.1
236 26.0 20.6 31.0

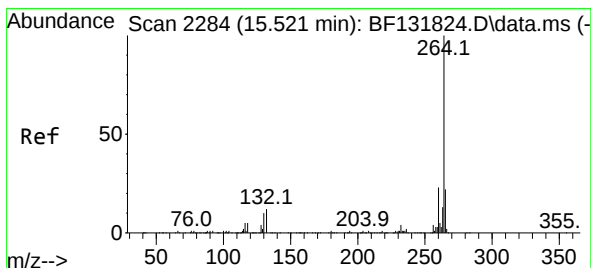
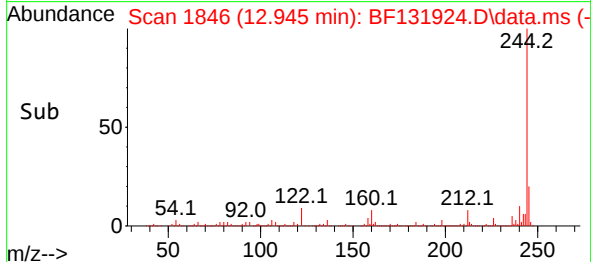
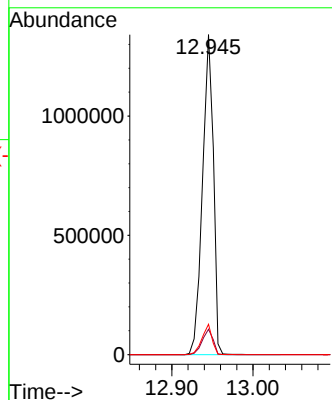
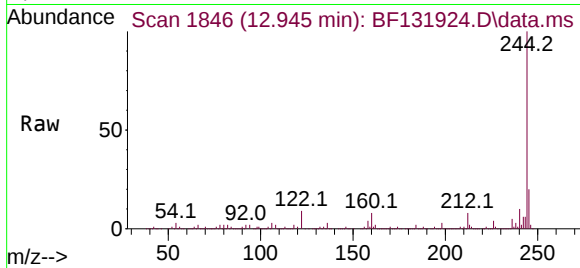




#79
 Terphenyl-d14
 Concen: 138.231 ng
 RT: 12.945 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131924.D
 Acq: 05 Jan 2023 20:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 1244892
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.5 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: BF131924.D
 Acq: 05 Jan 2023 20:05

Tgt Ion:264 Resp: 137466
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.1 17.4 26.0

