

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131978.D
 Acq On : 09 Jan 2023 23:10
 Operator : CG\JU
 Sample : 01047-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Jan 10 03:15:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69621	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	254643	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	144181	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	261115	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	135552	20.000	ng	-0.01
86) Perylene-d12	15.439	264	149715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	364877	86.359	ng	0.00
7) Phenol-d6	6.422	99	473309	84.489	ng	-0.01
23) Nitrobenzene-d5	7.351	82	340652	55.522	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	124273	74.964	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	590015	55.243	ng	0.00
79) Terphenyl-d14	12.916	244	539429	57.037	ng	-0.01

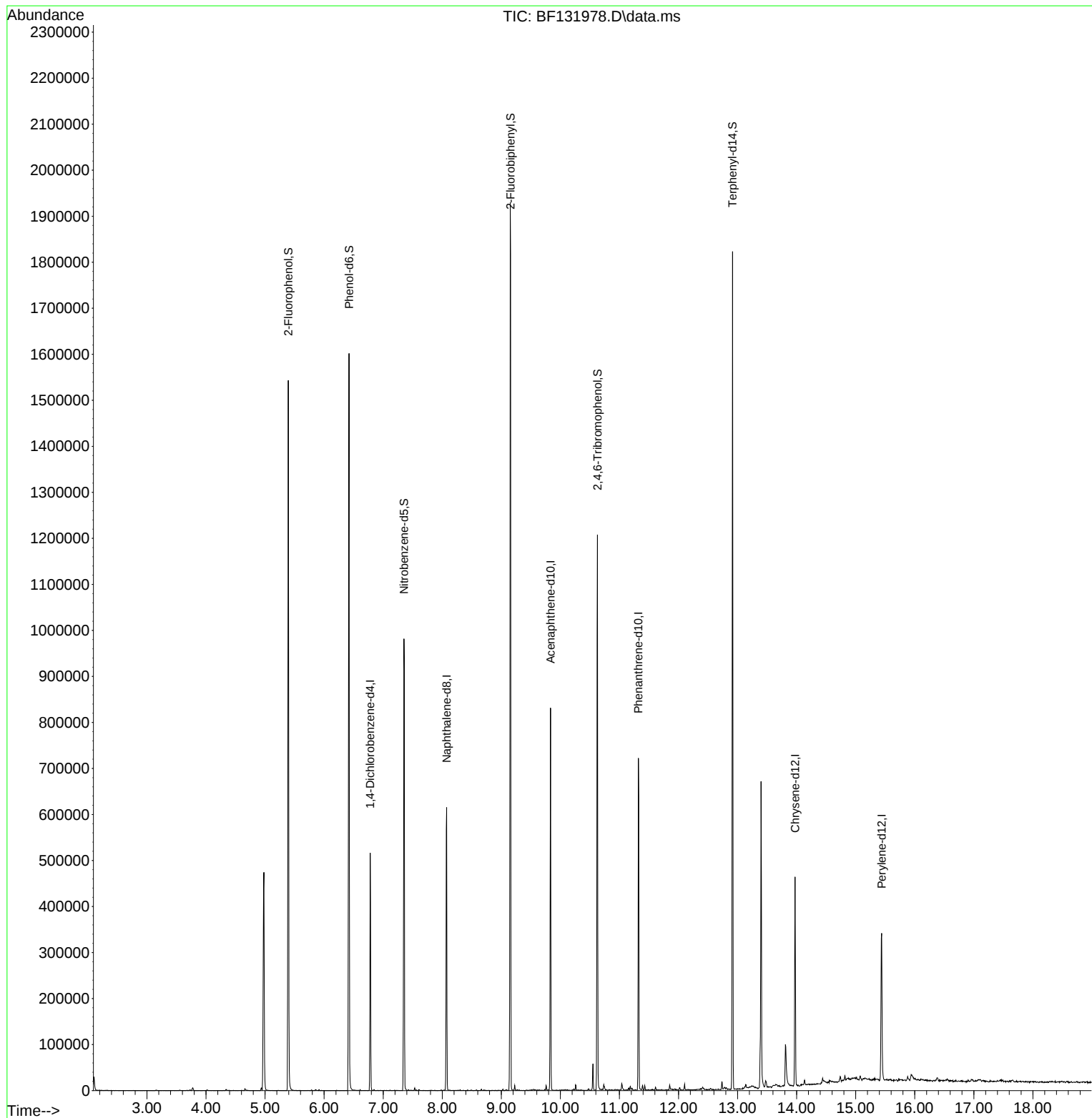
Target Compounds	Qvalue

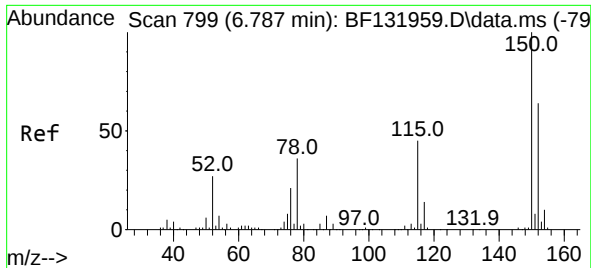
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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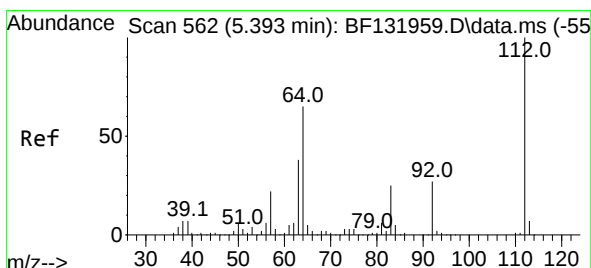
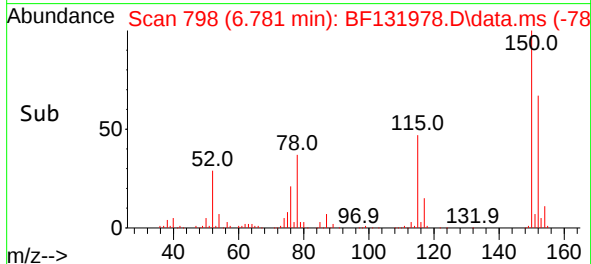
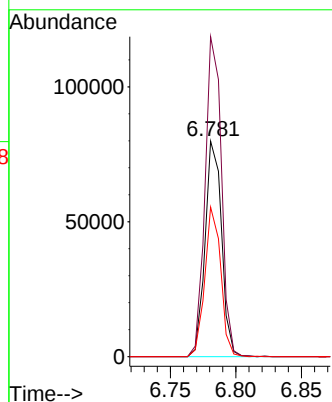
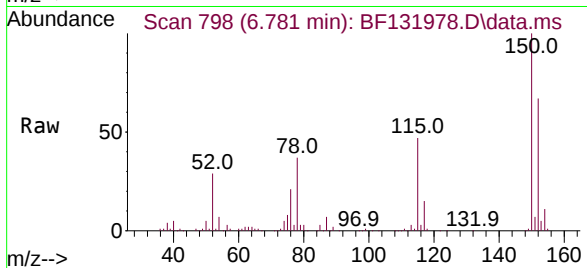




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF131978.D
 Acq: 09 Jan 2023 23:10

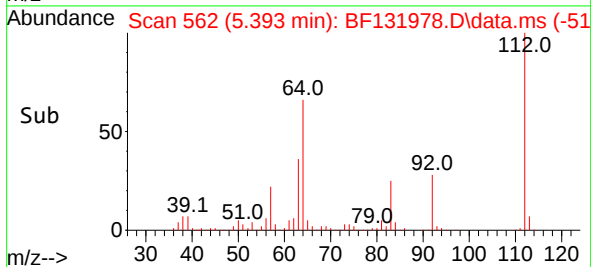
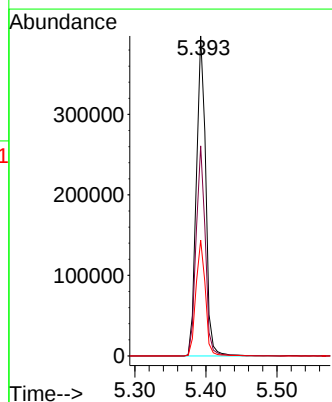
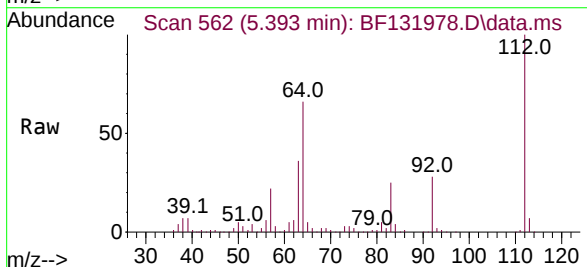
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

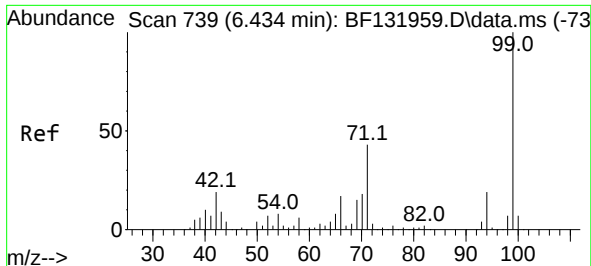
Tgt Ion:152 Resp: 69621
 Ion Ratio Lower Upper
 152 100
 150 148.5 124.6 186.8
 115 69.4 55.6 83.4



#5
 2-Fluorophenol
 Concen: 86.359 ng
 RT: 5.393 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: BF131978.D
 Acq: 09 Jan 2023 23:10

Tgt Ion:112 Resp: 364877
 Ion Ratio Lower Upper
 112 100
 64 65.6 51.9 77.9
 63 36.2 30.2 45.2

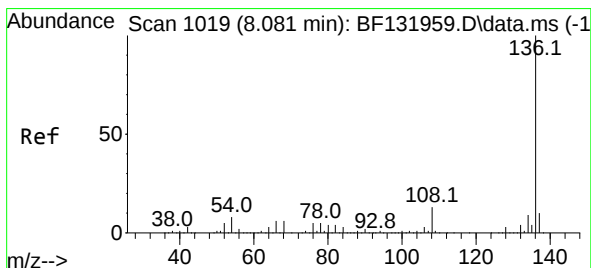
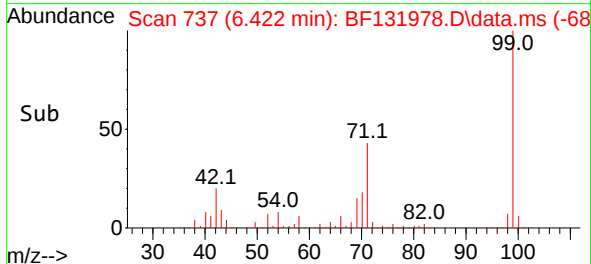
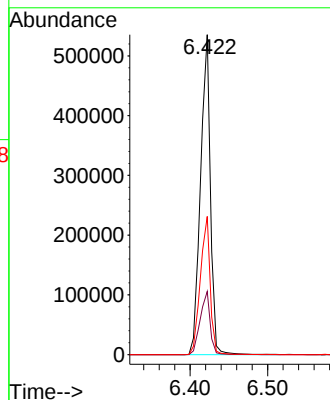
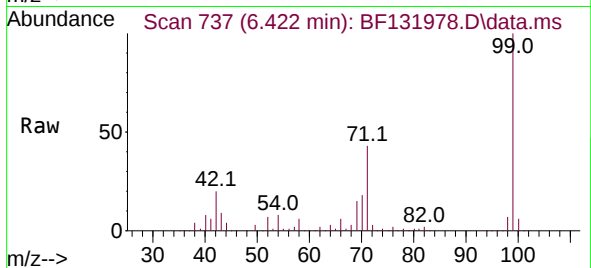




#7
Phenol-d6
Concen: 84.489 ng
RT: 6.422 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

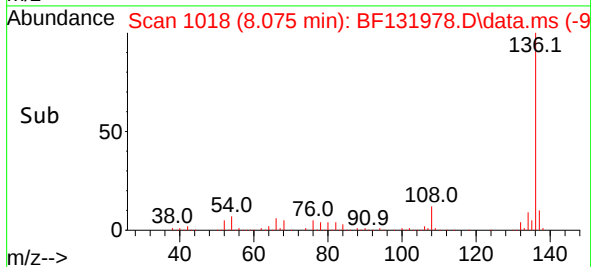
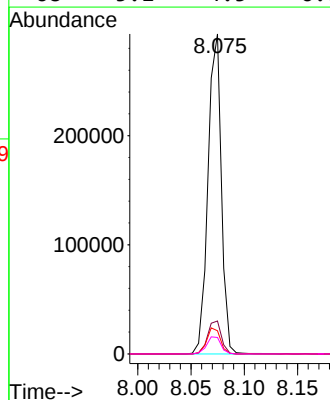
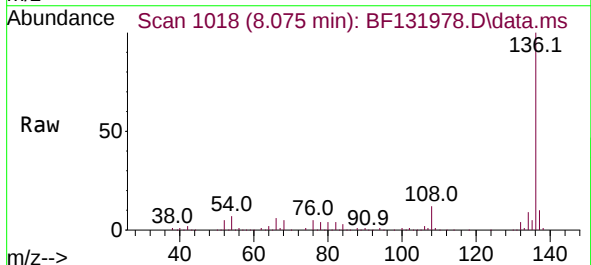
Instrument :
BNA_F
ClientSampleId :
TP-6

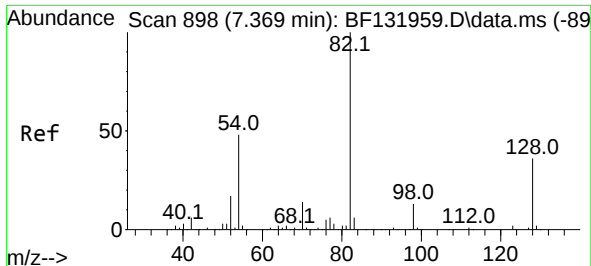
Tgt Ion: 99 Resp: 473309
Ion Ratio Lower Upper
99 100
42 19.7 15.4 23.2
71 43.2 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

Tgt Ion: 136 Resp: 254643
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.2
54 7.2 6.6 9.8
68 5.1 4.5 6.7

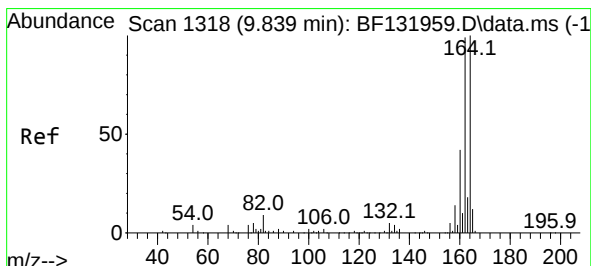
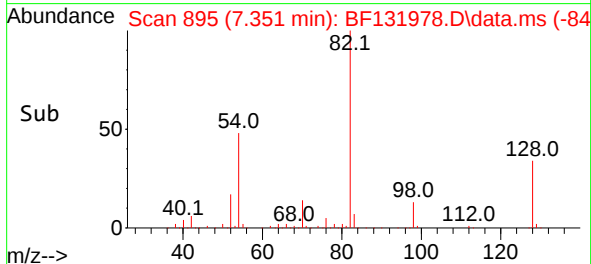
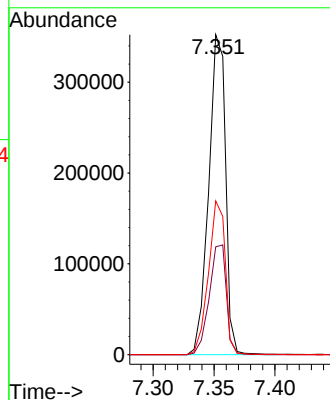
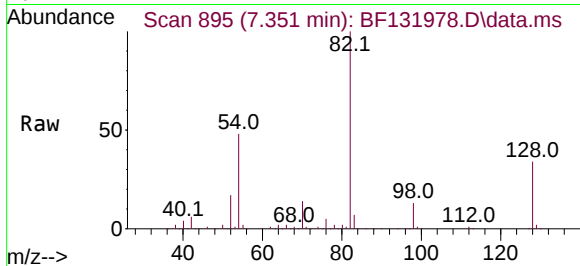




#23
Nitrobenzene-d5
Concen: 55.522 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

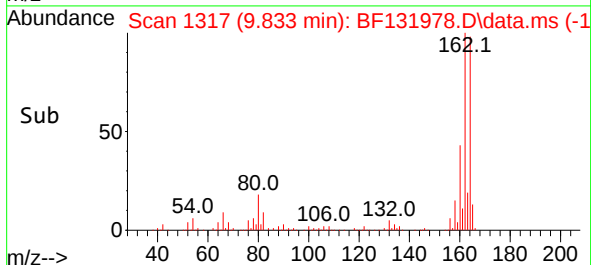
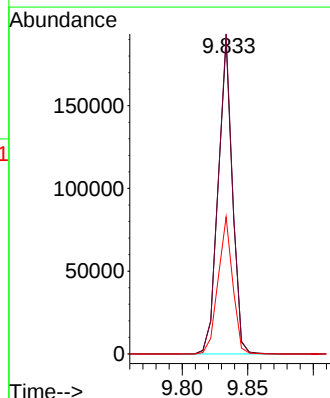
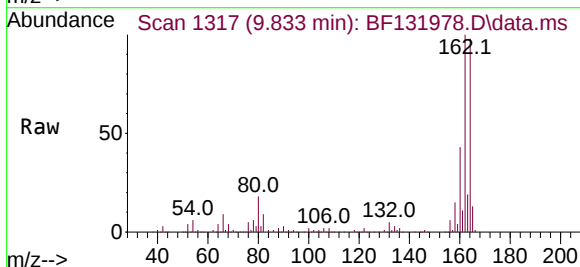
Instrument :
BNA_F
ClientSampleId :
TP-6

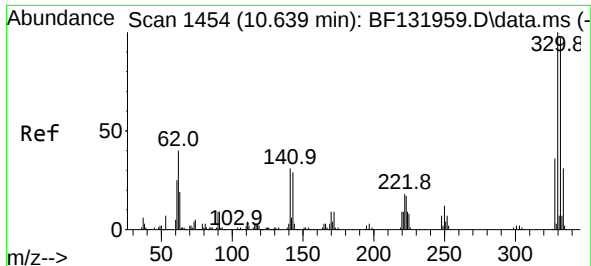
Tgt Ion: 82 Resp: 340652
Ion Ratio Lower Upper
82 100
128 33.7 28.7 43.1
54 48.0 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

Tgt Ion:164 Resp: 144181
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.0
160 43.7 33.9 50.9

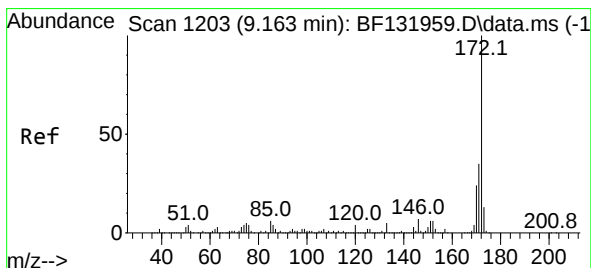
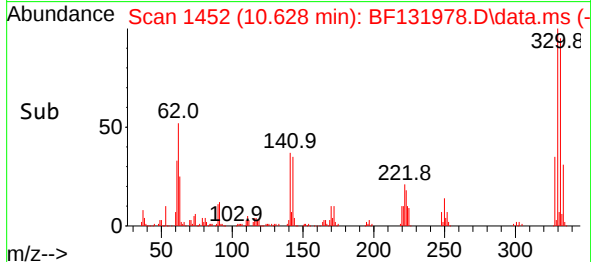
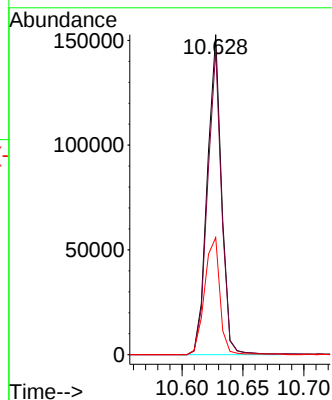
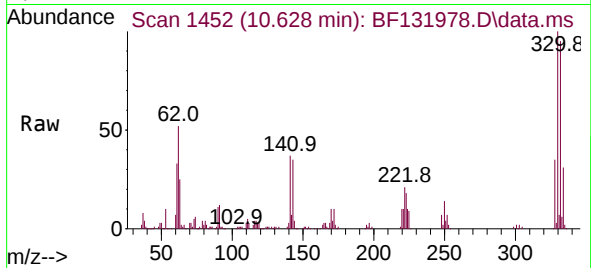




#42
2,4,6-Tribromophenol
Concen: 74.964 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

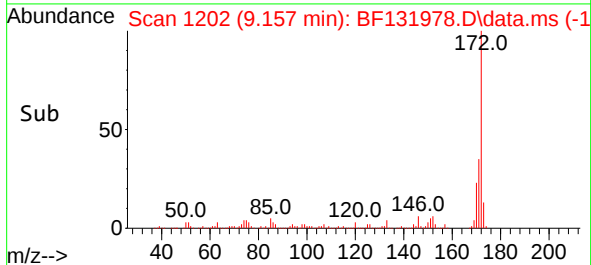
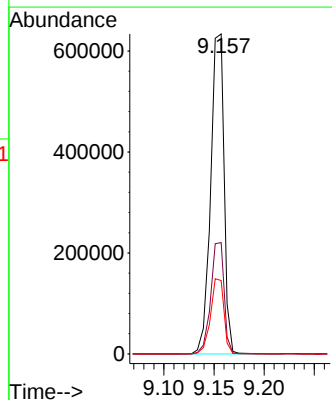
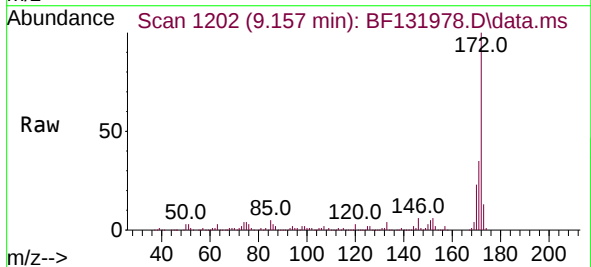
Instrument :
BNA_F
ClientSampleId :
TP-6

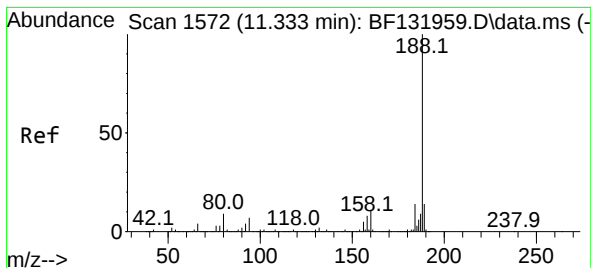
Tgt Ion:330 Resp: 124273
Ion Ratio Lower Upper
330 100
332 93.9 76.9 115.3
141 39.4 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 55.243 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

Tgt Ion:172 Resp: 590015
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131978.D

Acq: 09 Jan 2023 23:10

Instrument :

BNA_F

ClientSampleId :

TP-6

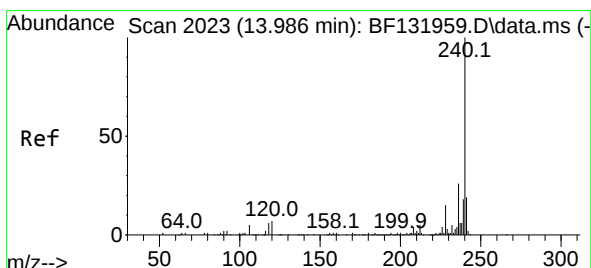
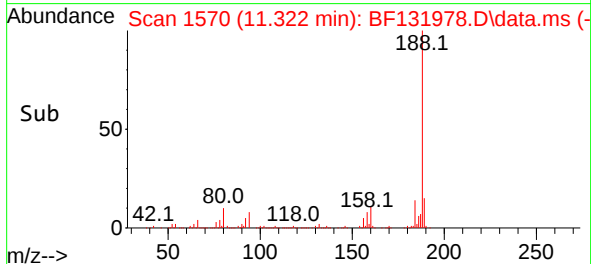
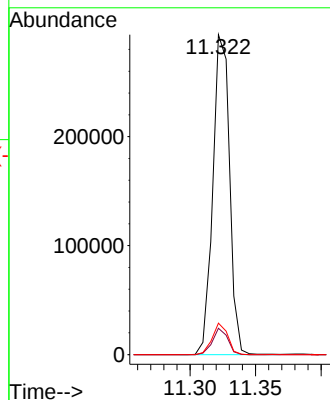
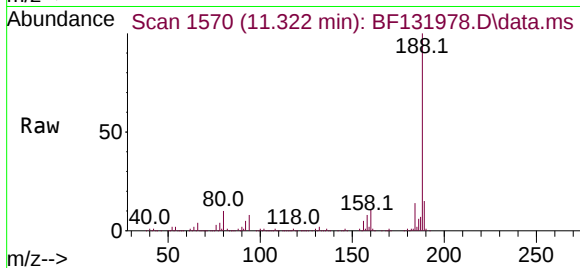
Tgt Ion:188 Resp: 261115

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

80 9.8 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF131978.D

Acq: 09 Jan 2023 23:10

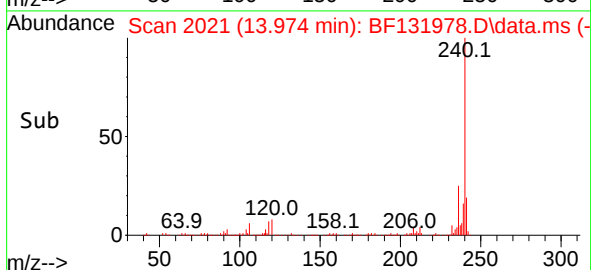
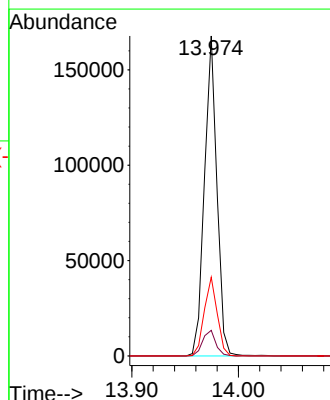
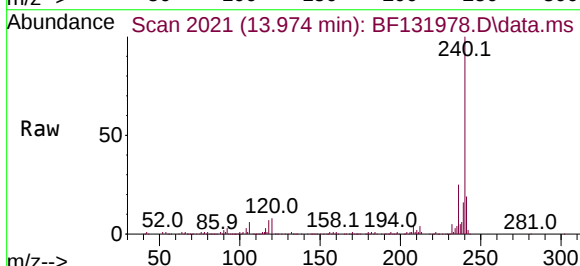
Tgt Ion:240 Resp: 135552

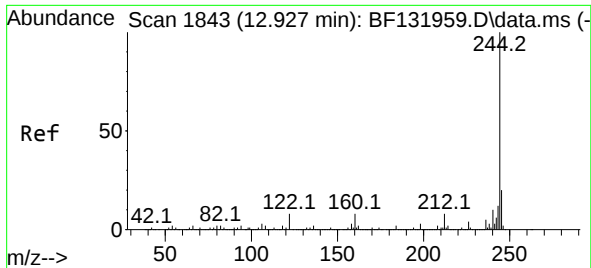
Ion Ratio Lower Upper

240 100

120 8.0 5.4 8.0

236 24.6 21.1 31.7

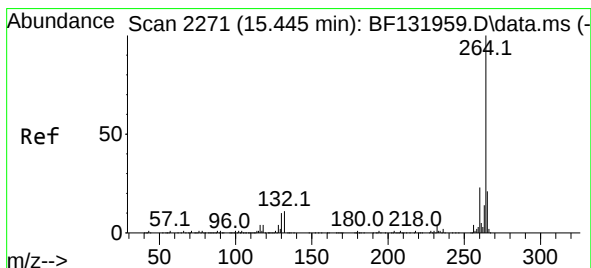
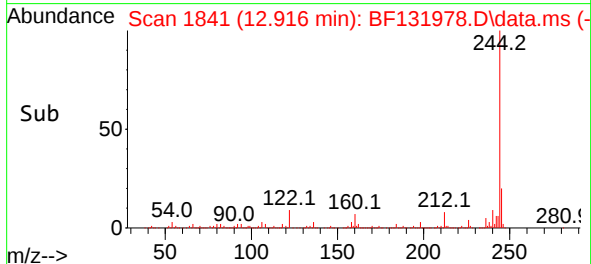
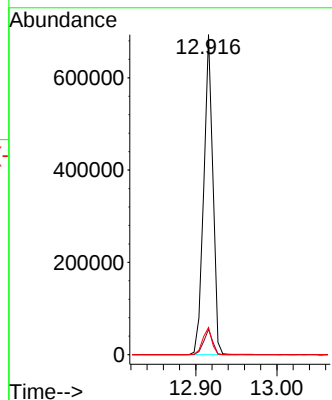
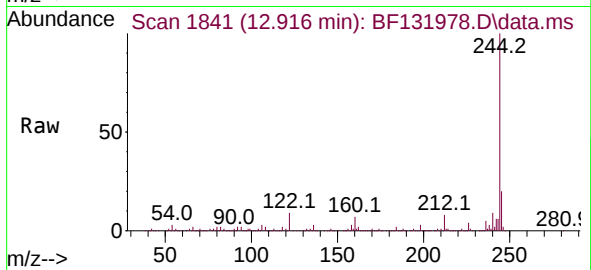




#79
 Terphenyl-d14
 Concen: 57.037 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF131978.D
 Acq: 09 Jan 2023 23:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 539429
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.5 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF131978.D
 Acq: 09 Jan 2023 23:10

Tgt Ion:264 Resp: 149715
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 20.3 16.9 25.3

