

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120822\
 Data File : BF131560.D
 Acq On : 08 Dec 2022 17:15
 Operator : CG\JU
 Sample : PB149479BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149479BL

Quant Time: Dec 09 06:27:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	54632	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	200709	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	126792	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	257717	20.000	ng	0.00
76) Chrysene-d12	14.104	240	190140	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	129671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	489014	149.329	ng	0.02
7) Phenol-d6	6.534	99	620805	144.666	ng	0.00
23) Nitrobenzene-d5	7.475	82	446835	84.169	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	207653	147.408	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	827398	82.280	ng	0.00
79) Terphenyl-d14	13.051	244	1192867	86.037	ng	0.00

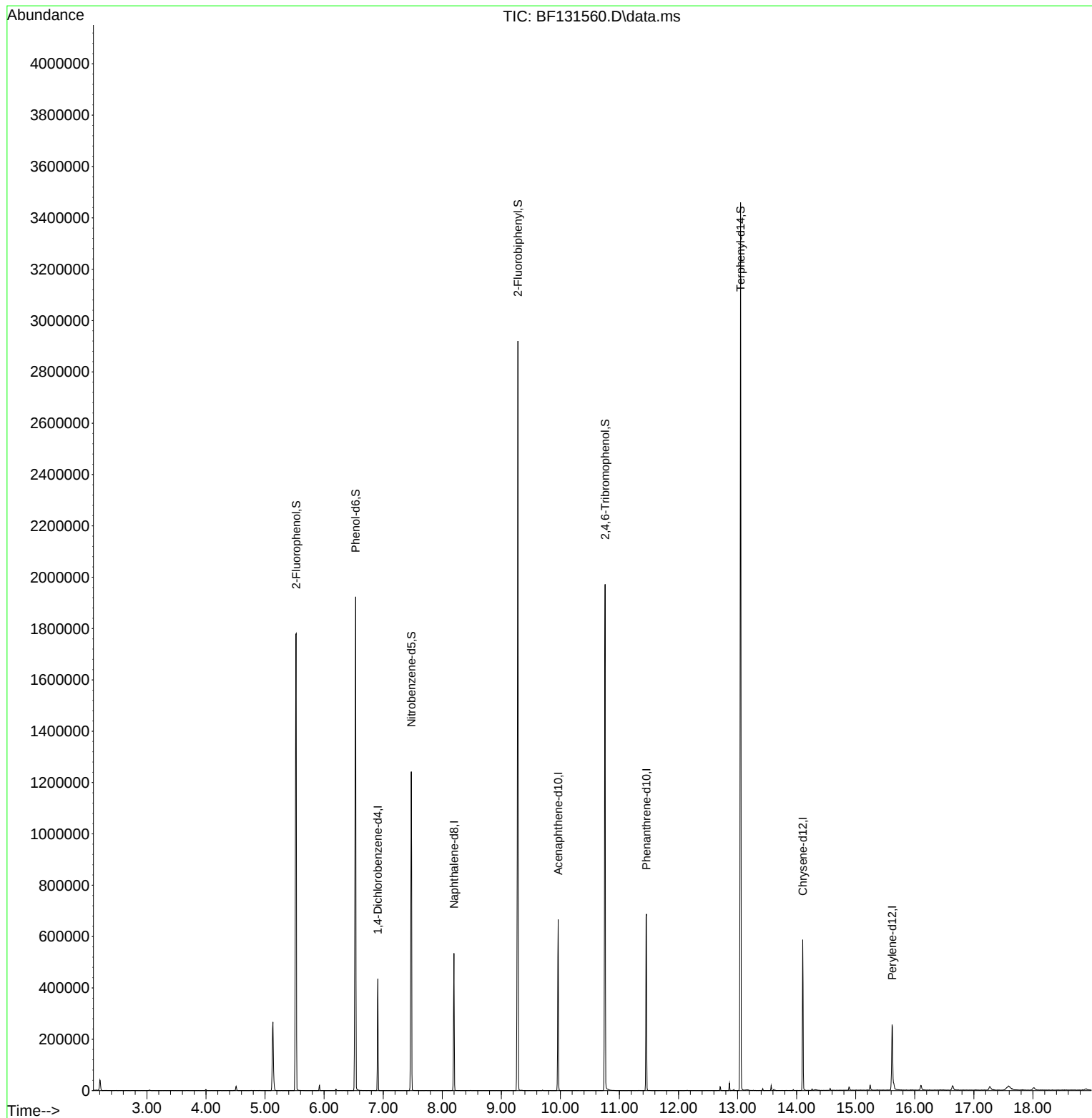
Target Compounds Qvalue

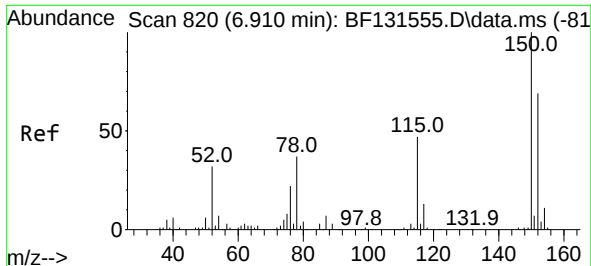
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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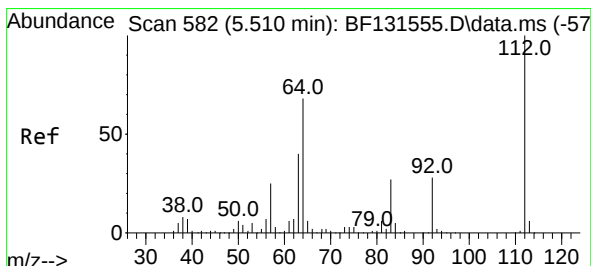
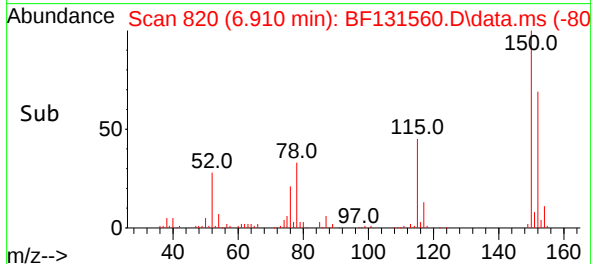
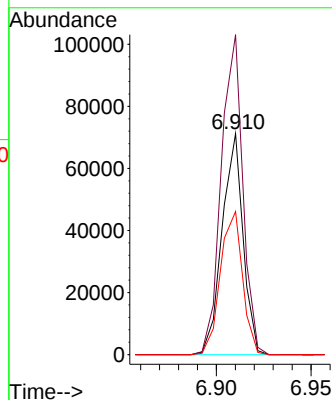
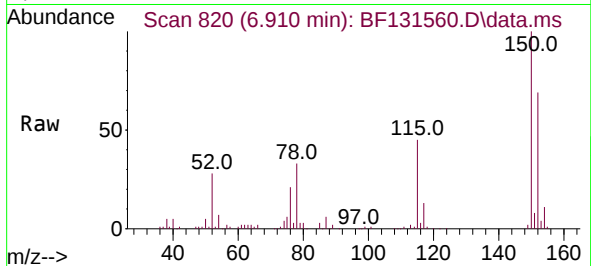




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

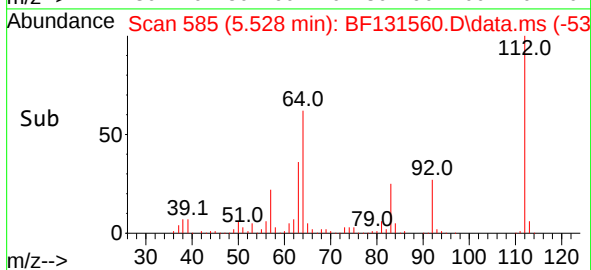
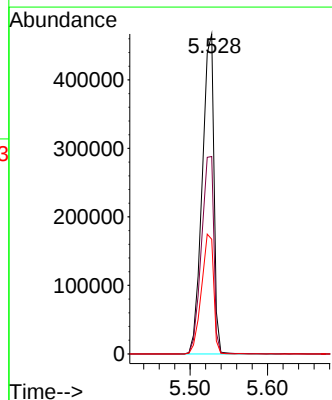
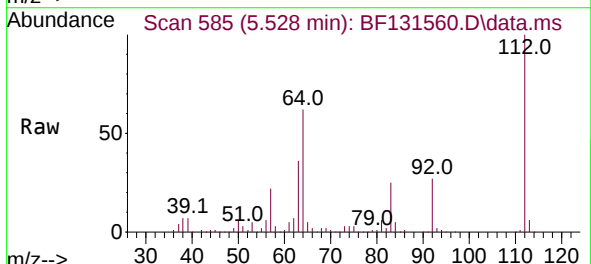
Instrument :
BNA_F
ClientSampleId :
PB149479BL

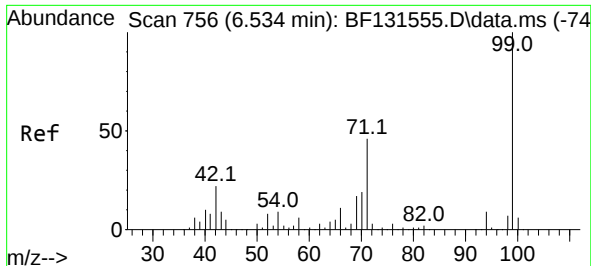
Tgt Ion:152 Resp: 54632
Ion Ratio Lower Upper
152 100
150 144.8 116.7 175.1
115 64.8 54.6 82.0



#5
2-Fluorophenol
Concen: 149.329 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

Tgt Ion:112 Resp: 489014
Ion Ratio Lower Upper
112 100
64 61.7 54.5 81.7
63 35.8 31.9 47.9

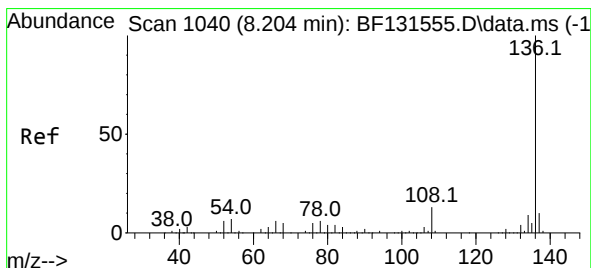
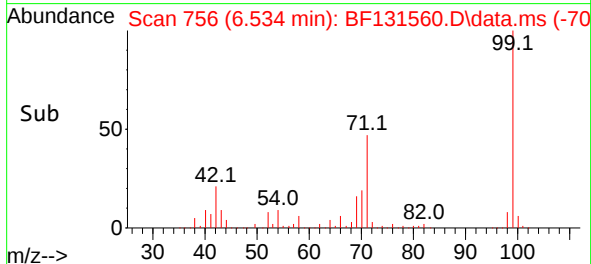
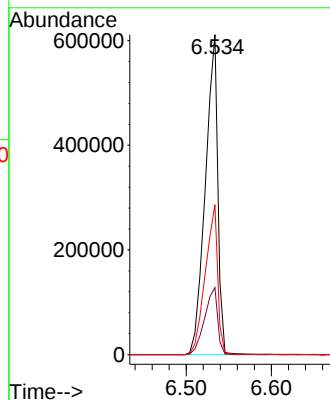
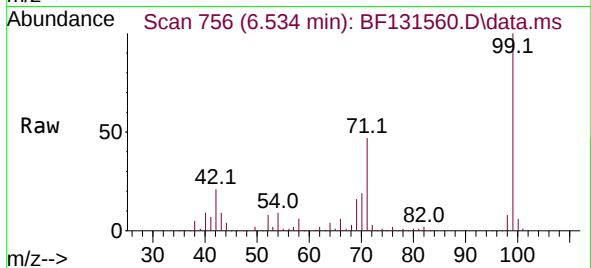




#7
Phenol-d6
Concen: 144.666 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

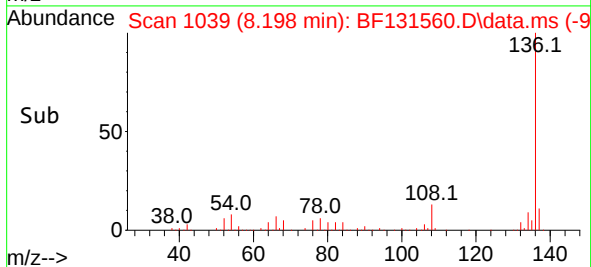
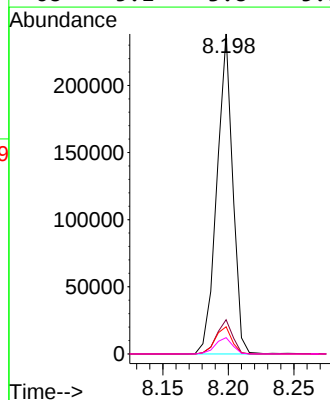
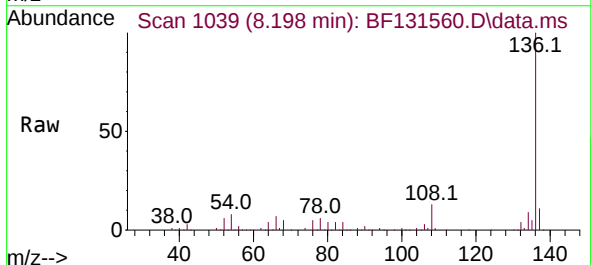
Instrument :
BNA_F
ClientSampleId :
PB149479BL

Tgt Ion: 99 Resp: 620805
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 46.8 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

Tgt Ion:136 Resp: 200709
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 8.5 6.0 9.0
68 5.1 3.8 5.8





#23

Nitrobenzene-d5

Concen: 84.169 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131560.D

Acq: 08 Dec 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB149479BL

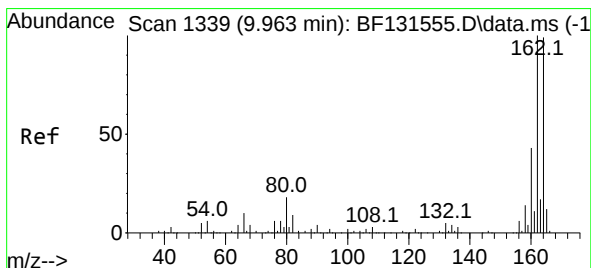
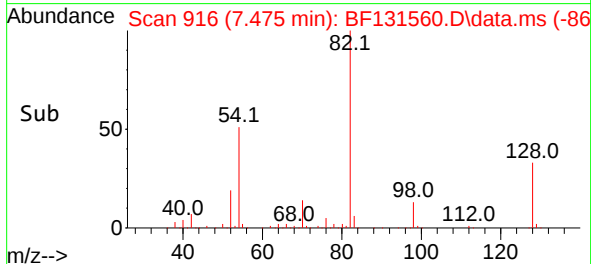
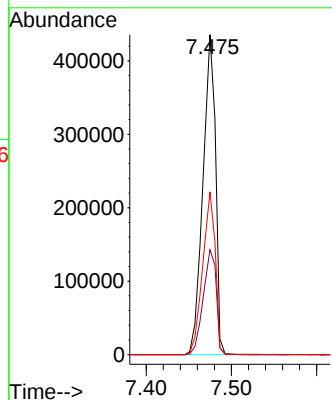
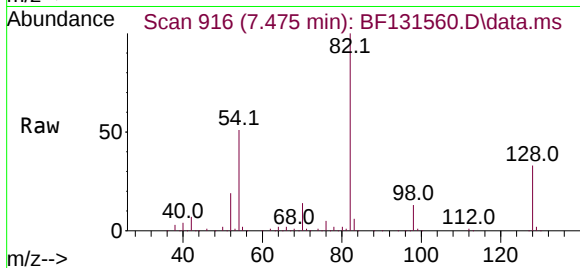
Tgt Ion: 82 Resp: 446835

Ion Ratio Lower Upper

82 100

128 32.8 26.1 39.1

54 50.9 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF131560.D

Acq: 08 Dec 2022 17:15

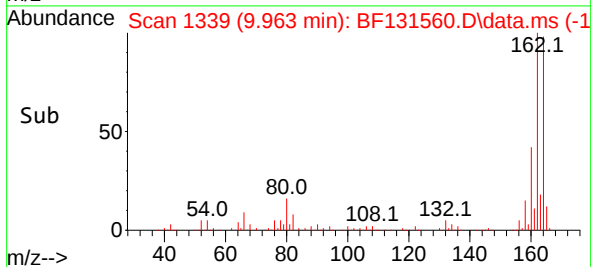
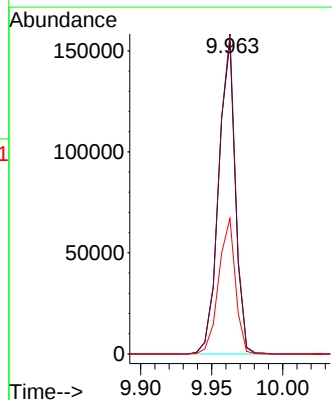
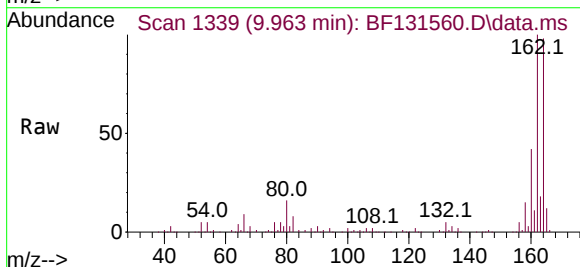
Tgt Ion:164 Resp: 126792

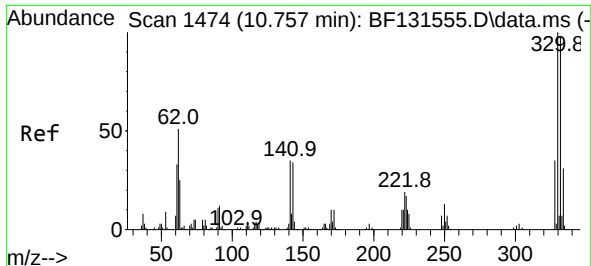
Ion Ratio Lower Upper

164 100

162 102.4 81.0 121.6

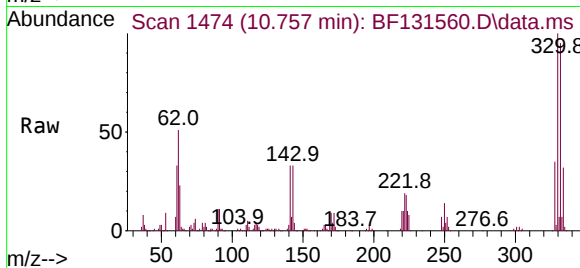
160 43.4 35.0 52.6



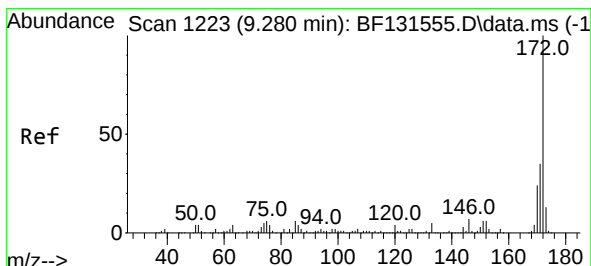
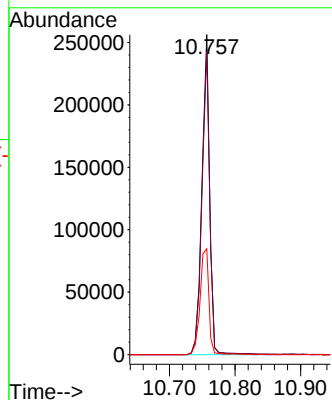
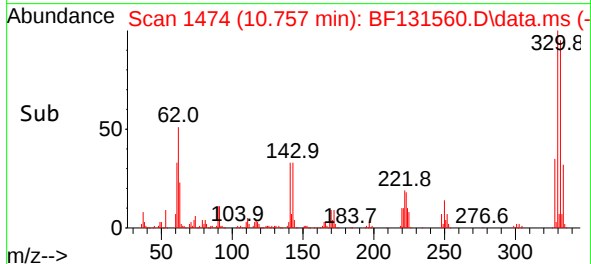


#42
2,4,6-Tribromophenol
Concen: 147.408 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

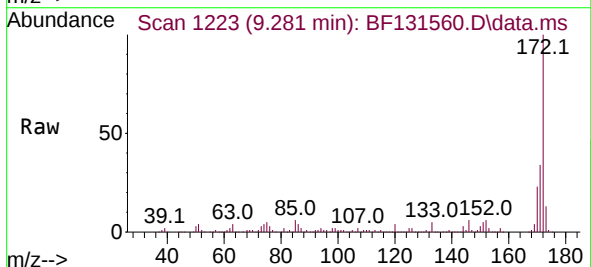
Instrument :
BNA_F
ClientSampleId :
PB149479BL



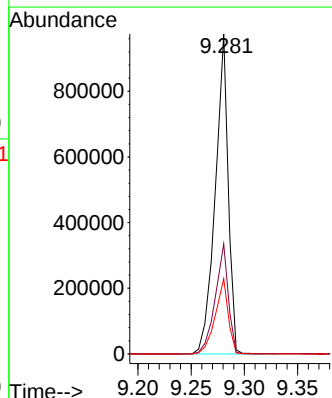
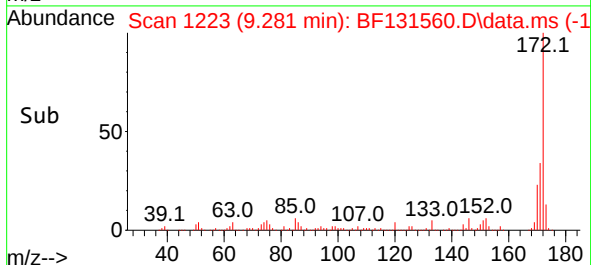
Tgt Ion:330 Resp: 207653
Ion Ratio Lower Upper
330 100
332 95.9 78.3 117.5
141 37.7 32.6 49.0

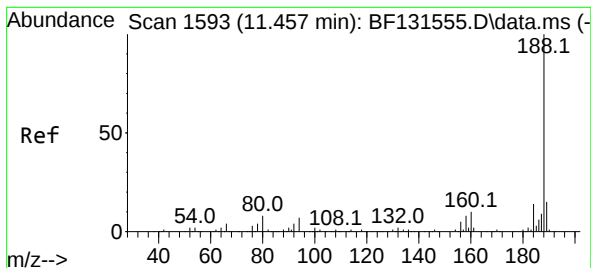


#45
2-Fluorobiphenyl
Concen: 82.280 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15



Tgt Ion:172 Resp: 827398
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.5 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131560.D

Acq: 08 Dec 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB149479BL

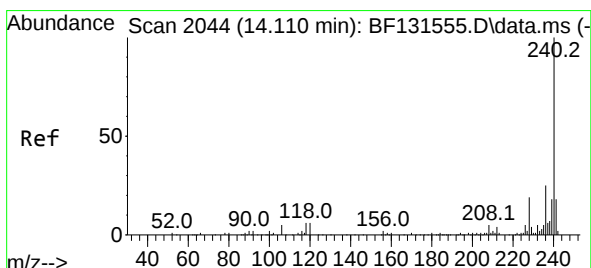
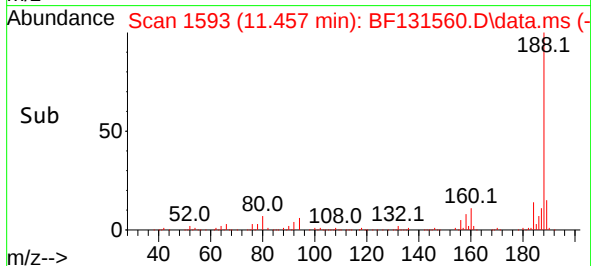
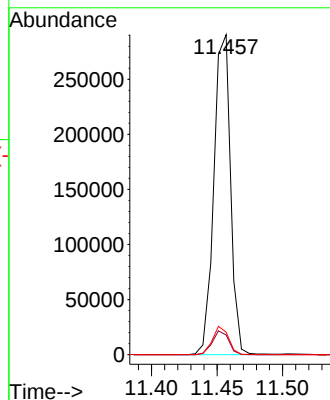
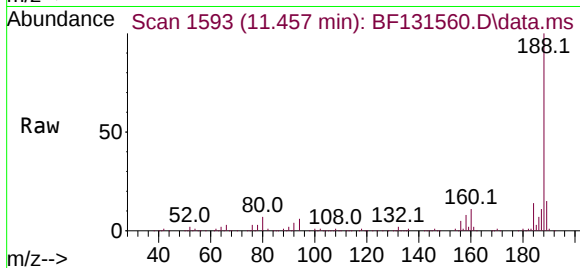
Tgt Ion:188 Resp: 257717

Ion Ratio Lower Upper

188 100

94 6.1 5.5 8.3

80 7.0 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BF131560.D

Acq: 08 Dec 2022 17:15

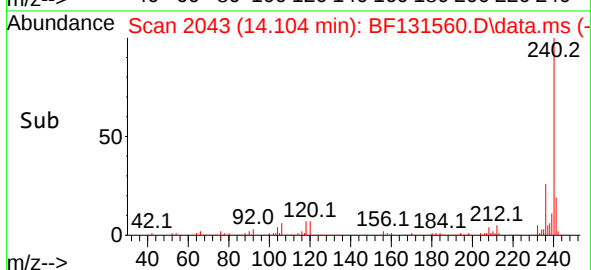
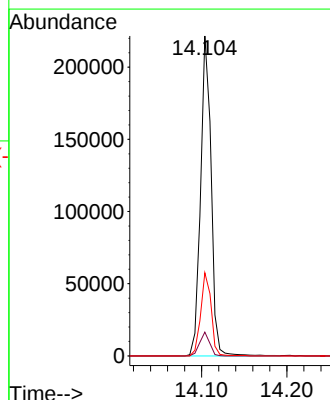
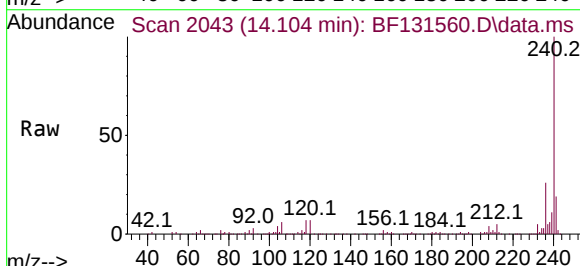
Tgt Ion:240 Resp: 190140

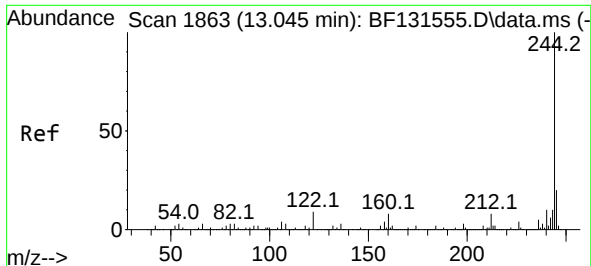
Ion Ratio Lower Upper

240 100

120 7.4 4.6 7.0#

236 26.0 20.2 30.2

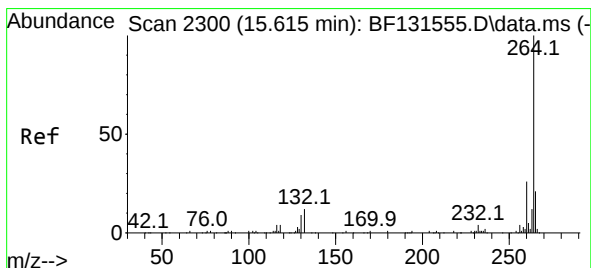
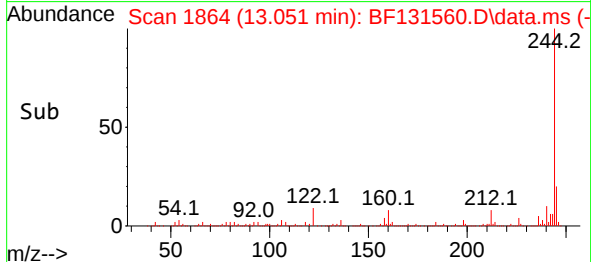
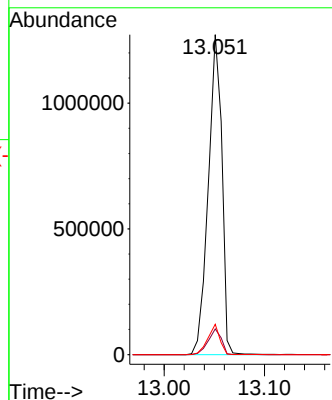
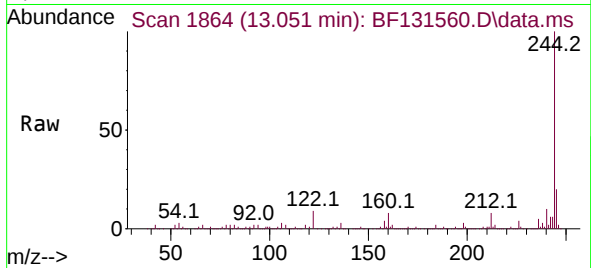




#79
 Terphenyl-d14
 Concen: 86.037 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131560.D
 Acq: 08 Dec 2022 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB149479BL

Tgt Ion:244 Resp: 1192867
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2300
 Delta R.T. 0.000 min
 Lab File: BF131560.D
 Acq: 08 Dec 2022 17:15

Tgt Ion:264 Resp: 129671
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.6 30.8
 265 21.6 16.8 25.2

