

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131528.D
 Acq On : 06 Dec 2022 15:20
 Operator : CG\JU
 Sample : PB149432BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149432BL

Quant Time: Dec 07 03:21:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	87030	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	327207	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	192878	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	379727	20.000	ng	0.00
76) Chrysene-d12	14.121	240	277385	20.000	ng	0.00
86) Perylene-d12	15.639	264	210838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	760564	149.236	ng	0.02
7) Phenol-d6	6.545	99	891681	140.111	ng	0.00
23) Nitrobenzene-d5	7.487	82	577948	81.067	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	373236	169.948	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1336567	90.906	ng	0.00
79) Terphenyl-d14	13.069	244	1796173	97.789	ng	0.00

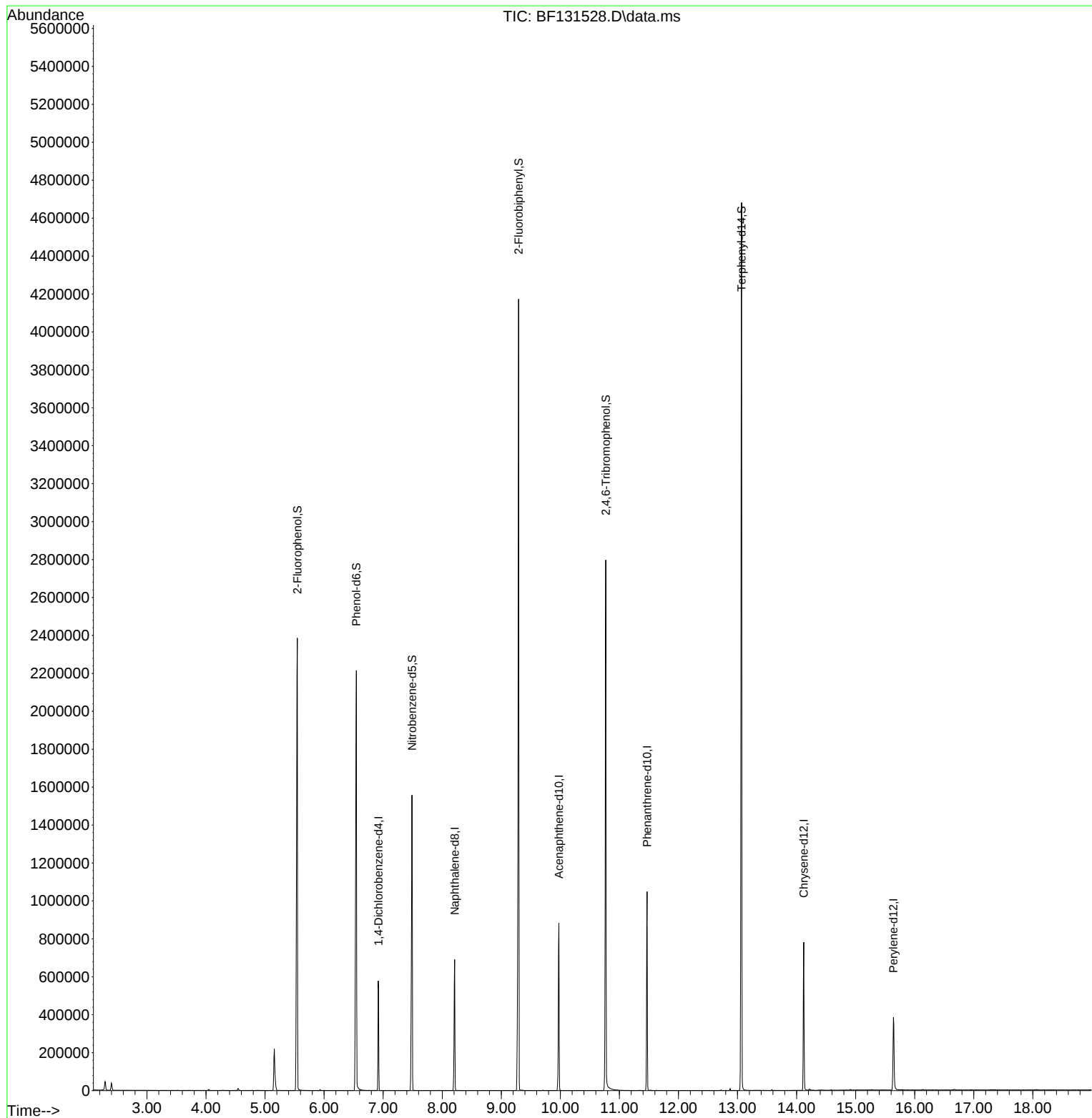
Target Compounds	Qvalue

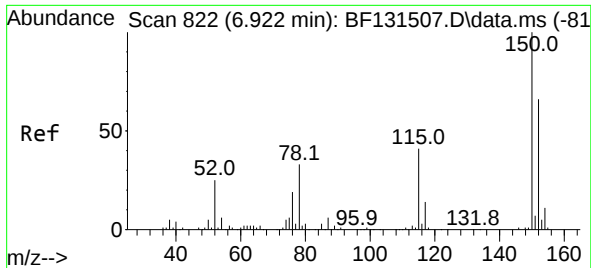
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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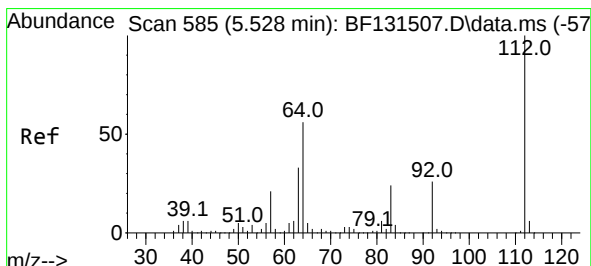
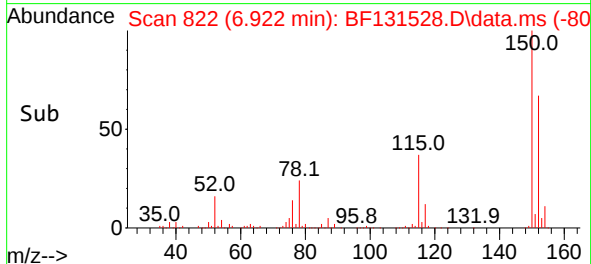
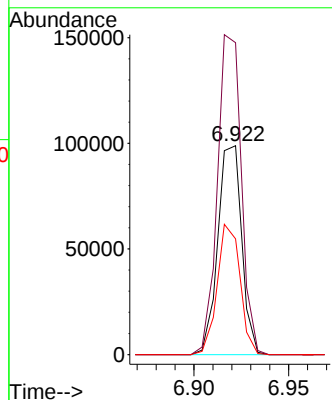
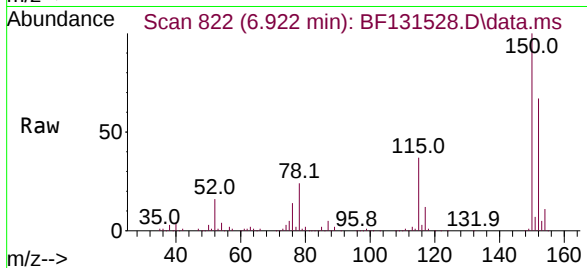




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

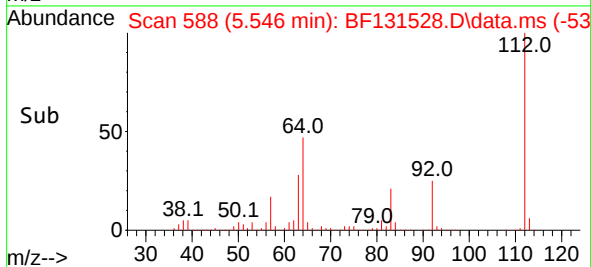
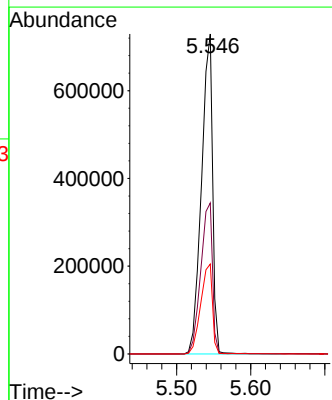
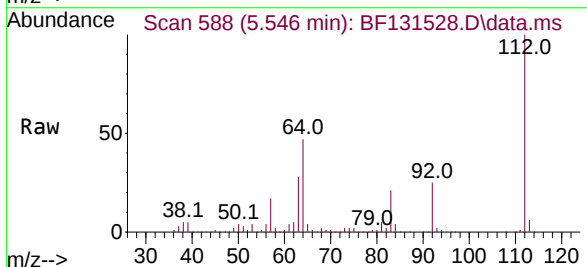
Instrument :
BNA_F
ClientSampleId :
PB149432BL

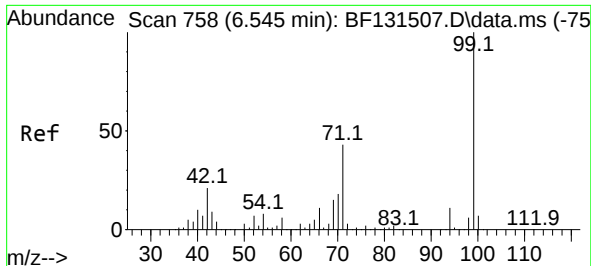
Tgt Ion:152 Resp: 87030
Ion Ratio Lower Upper
152 100
150 149.3 121.9 182.9
115 55.4 50.4 75.6



#5
2-Fluorophenol
Concen: 149.236 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Tgt Ion:112 Resp: 760564
Ion Ratio Lower Upper
112 100
64 47.2 44.5 66.7
63 28.1 26.7 40.1

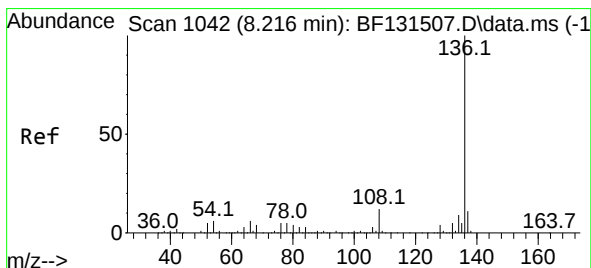
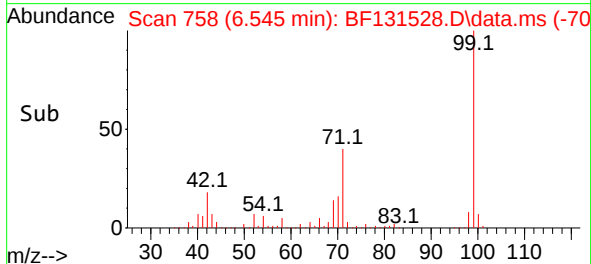
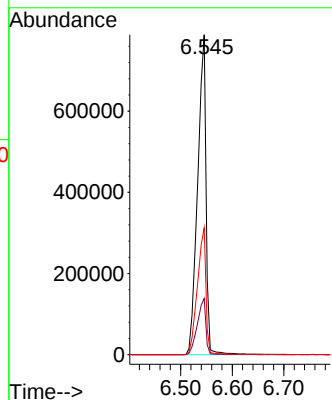
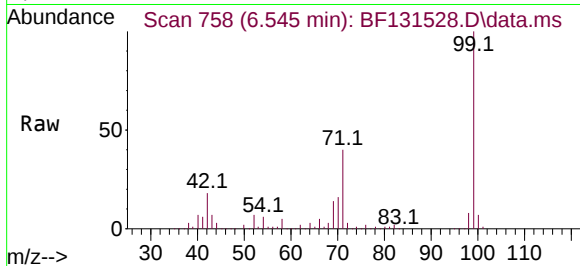




#7
Phenol-d6
Concen: 140.111 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

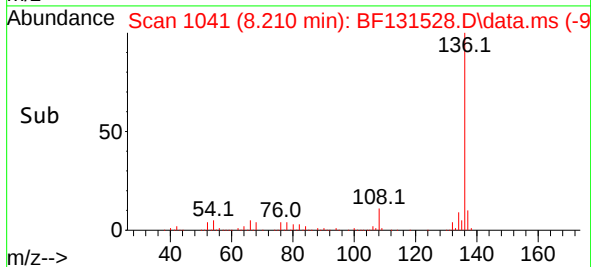
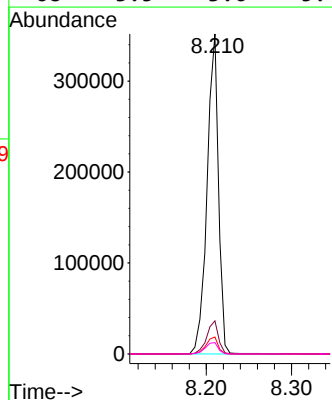
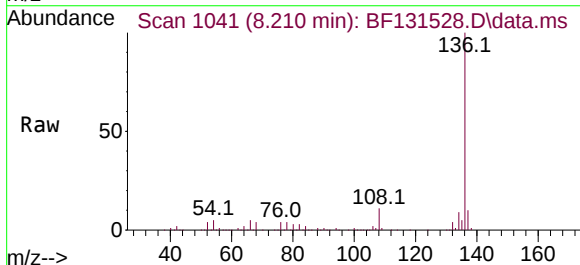
Instrument :
BNA_F
ClientSampleId :
PB149432BL

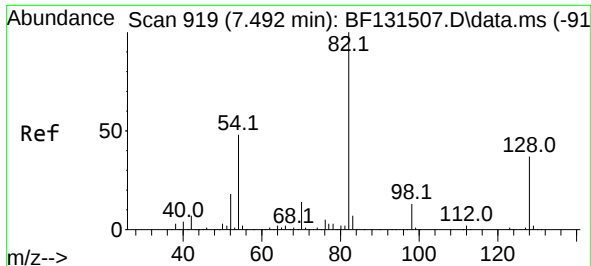
Tgt Ion: 99 Resp: 891681
Ion Ratio Lower Upper
99 100
42 17.5 16.6 25.0
71 39.6 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Tgt Ion: 136 Resp: 327207
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 5.3 5.0 7.6
68 3.5 3.6 5.4

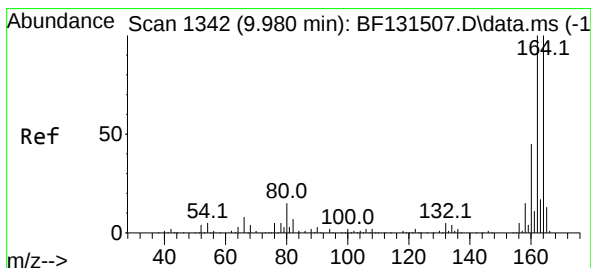
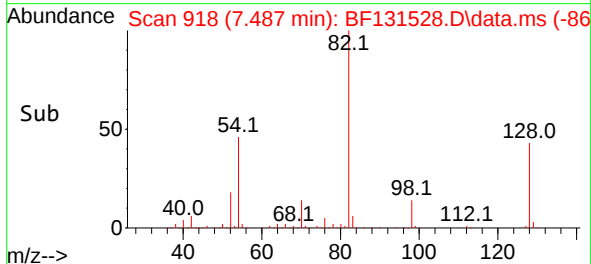
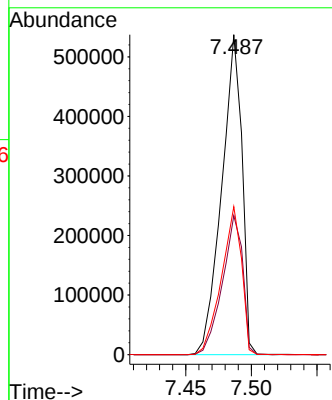
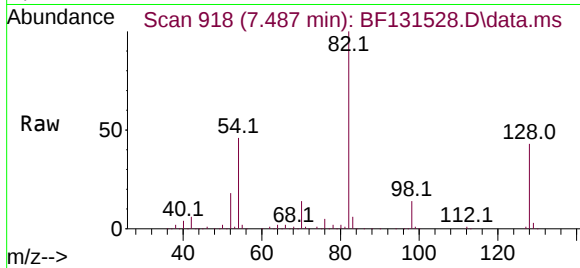




#23
Nitrobenzene-d5
Concen: 81.067 ng
RT: 7.487 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

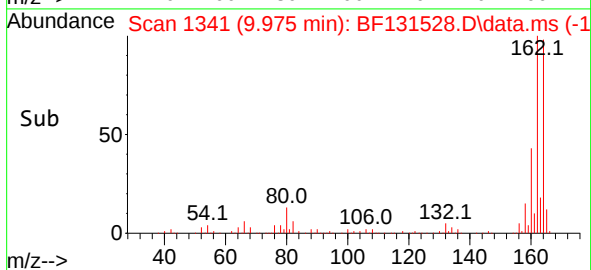
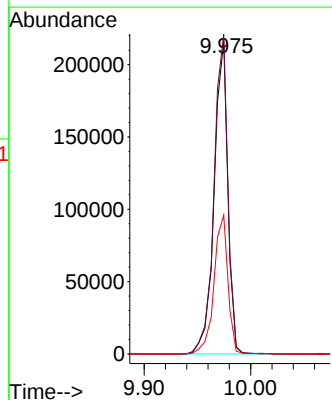
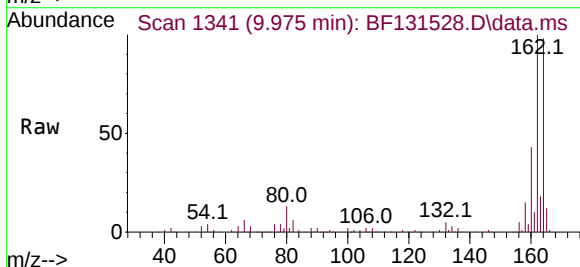
Instrument :
BNA_F
ClientSampleId :
PB149432BL

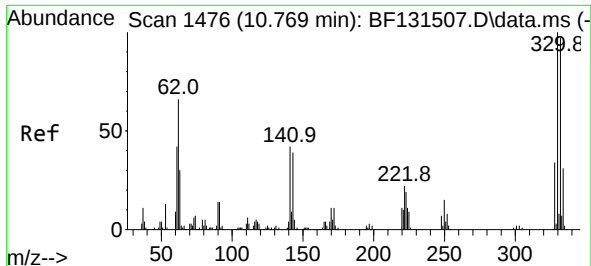
Tgt Ion: 82 Resp: 577948
Ion Ratio Lower Upper
82 100
128 43.4 29.7 44.5
54 46.2 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Tgt Ion:164 Resp: 192878
Ion Ratio Lower Upper
164 100
162 102.2 80.1 120.1
160 44.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 169.948 ng

RT: 10.769 min Scan# 1476

Delta R.T. -0.000 min

Lab File: BF131528.D

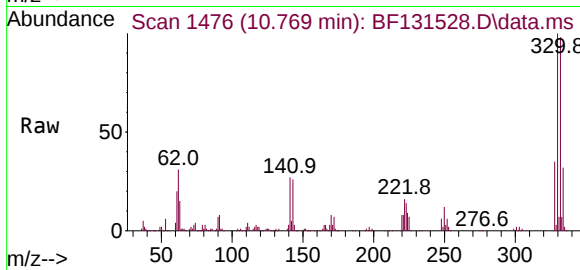
Acq: 06 Dec 2022 15:20

Instrument :

BNA_F

ClientSampleId :

PB149432BL



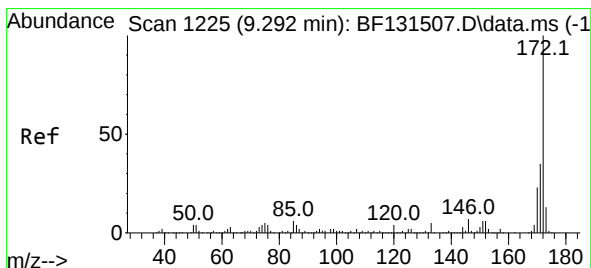
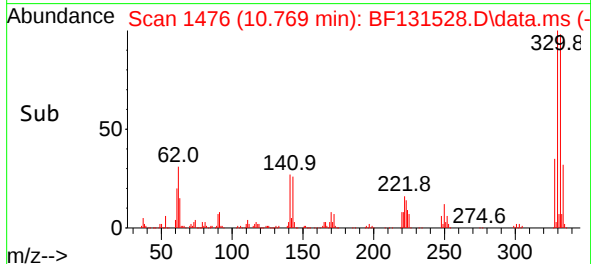
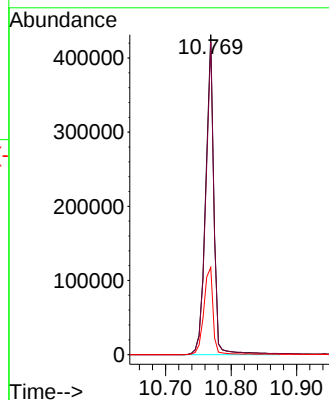
Tgt Ion:330 Resp: 373236

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.2

141 30.7 29.1 43.7



#45

2-Fluorobiphenyl

Concen: 90.906 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF131528.D

Acq: 06 Dec 2022 15:20

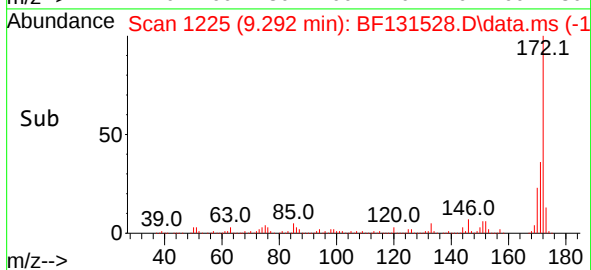
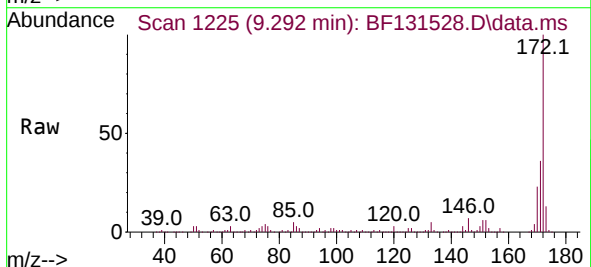
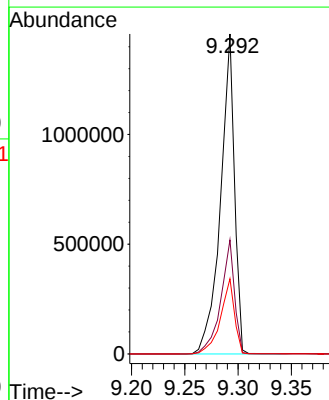
Tgt Ion:172 Resp: 1336567

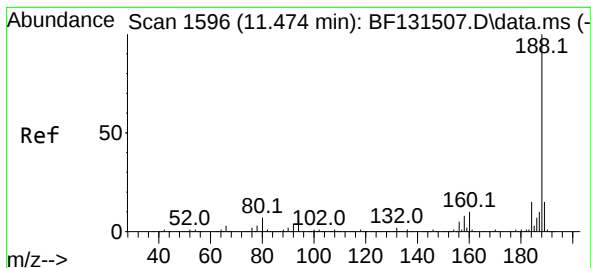
Ion Ratio Lower Upper

172 100

171 35.6 27.8 41.8

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131528.D

Acq: 06 Dec 2022 15:20

Instrument :

BNA_F

ClientSampleId :

PB149432BL

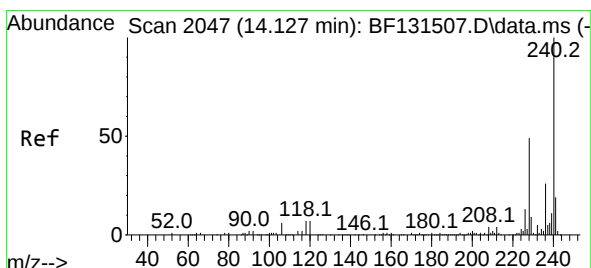
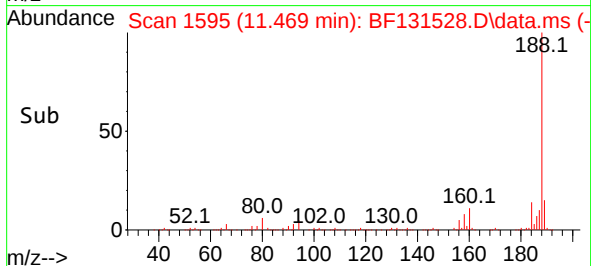
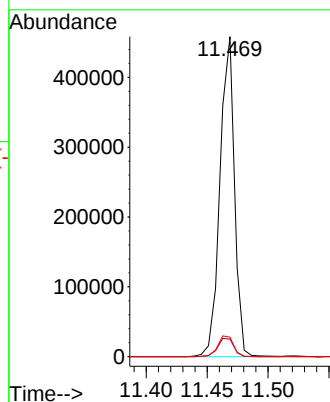
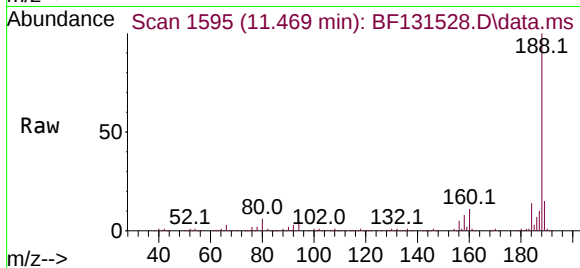
Tgt Ion:188 Resp: 379727

Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

80 6.1 5.9 8.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BF131528.D

Acq: 06 Dec 2022 15:20

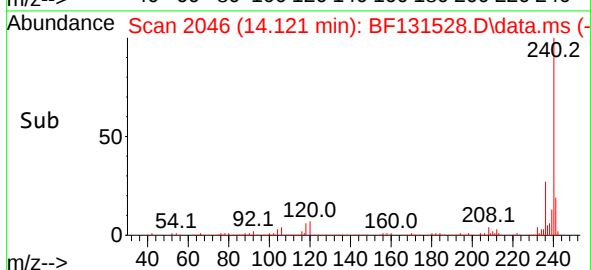
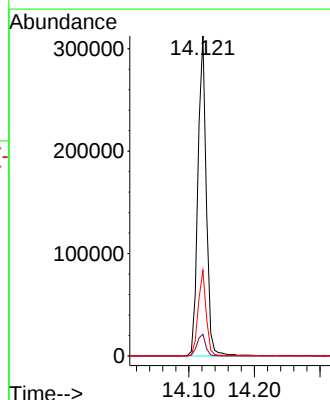
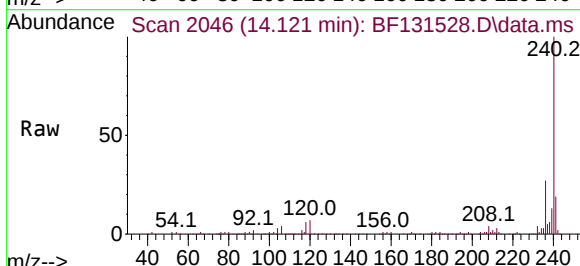
Tgt Ion:240 Resp: 277385

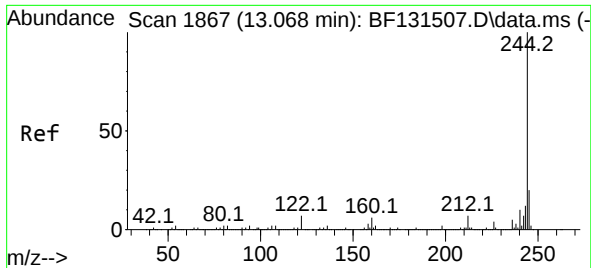
Ion Ratio Lower Upper

240 100

120 6.8 5.6 8.4

236 26.8 20.6 31.0

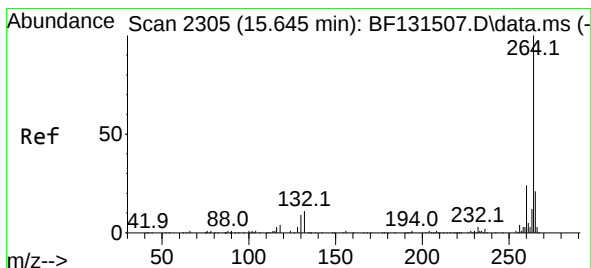
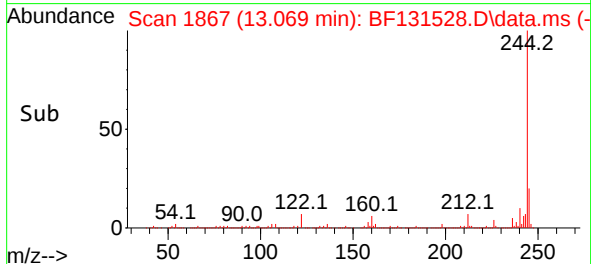
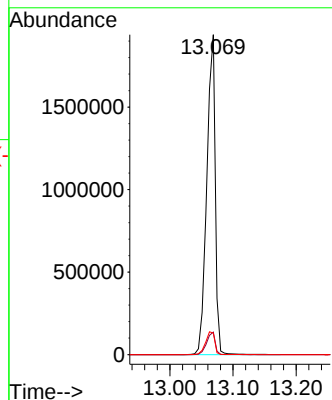
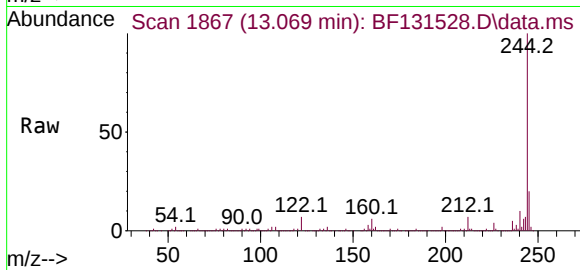




#79
 Terphenyl-d14
 Concen: 97.789 ng
 RT: 13.069 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: BF131528.D
 Acq: 06 Dec 2022 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB149432BL

Tgt Ion:244 Resp: 1796173
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 6.7 5.4 8.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF131528.D
 Acq: 06 Dec 2022 15:20

Tgt Ion:264 Resp: 210838
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.2 17.0 25.4

