

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131733.D
 Acq On : 21 Dec 2022 01:53
 Operator : CG\JU
 Sample : N6076-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1

Quant Time: Dec 21 04:51:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80444	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	291250	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	172868	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	329661	20.000	ng	0.00
76) Chrysene-d12	14.057	240	163707	20.000	ng	0.00
86) Perylene-d12	15.556	264	171036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	160463	33.589	ng	0.00
7) Phenol-d6	6.486	99	142482	22.159	ng	-0.02
23) Nitrobenzene-d5	7.433	82	586876	81.802	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	159601	84.351	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1054638	85.462	ng	0.00
79) Terphenyl-d14	12.998	244	602291	57.339	ng	0.00

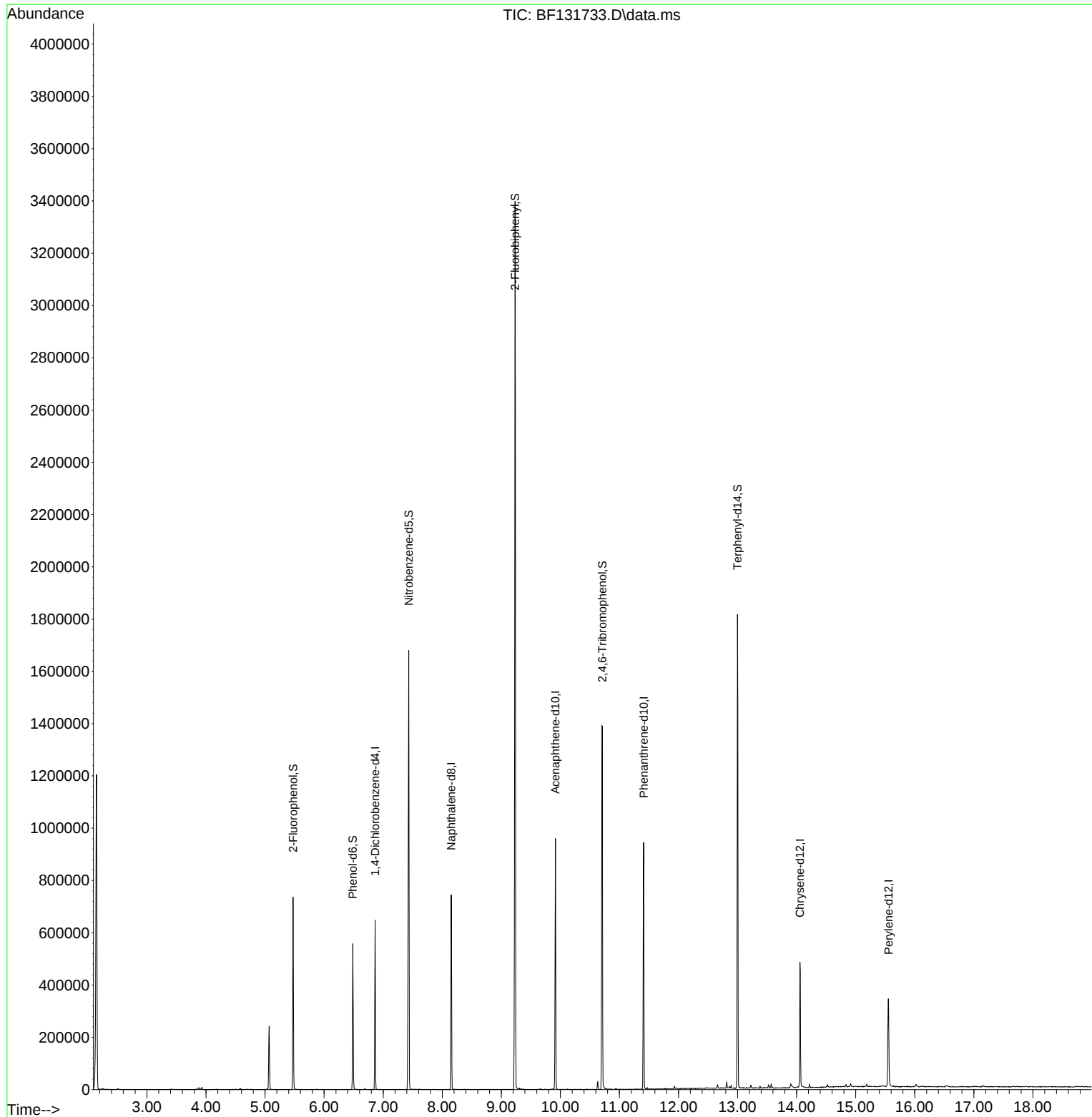
Target Compounds	Qvalue

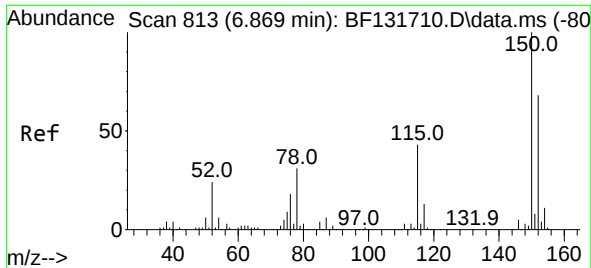
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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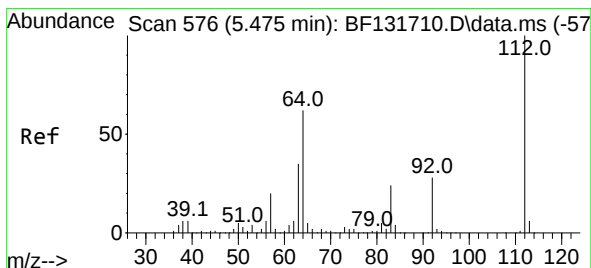
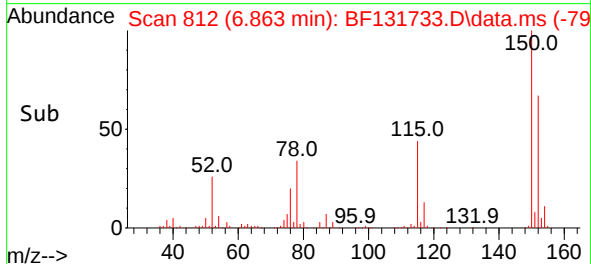
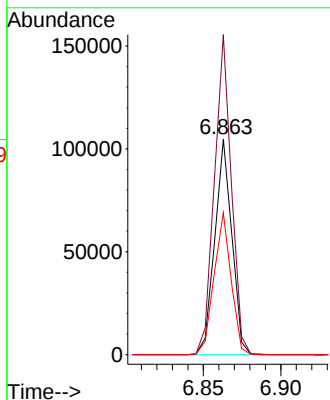
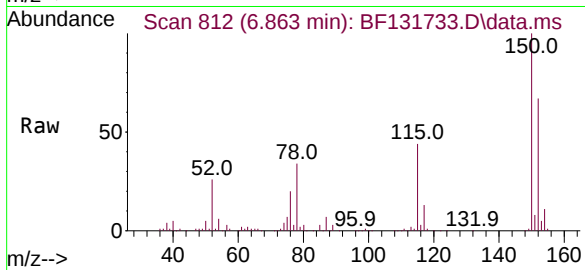




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

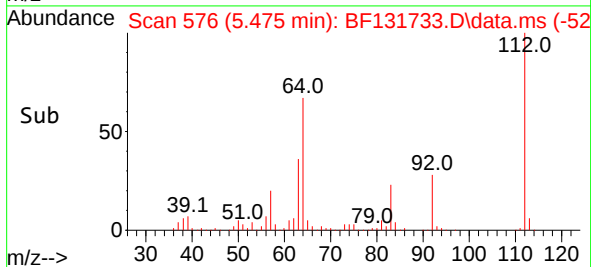
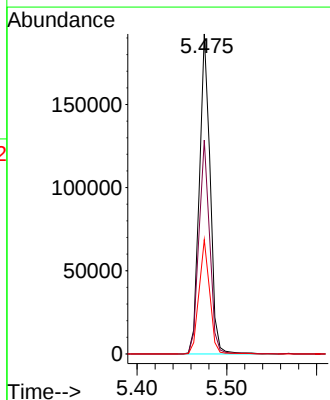
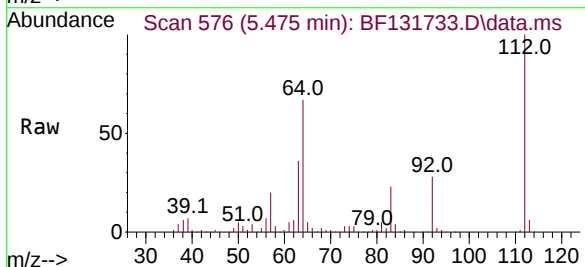
Instrument :
BNA_F
ClientSampleId :
PMW-1

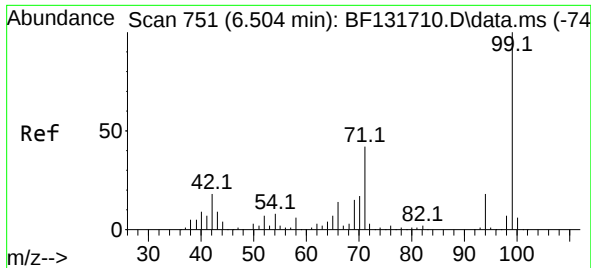
Tgt Ion:152 Resp: 80444
Ion Ratio Lower Upper
152 100
150 148.4 117.4 176.0
115 65.8 50.2 75.4



#5
2-Fluorophenol
Concen: 33.589 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Tgt Ion:112 Resp: 160463
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 35.7 28.2 42.2

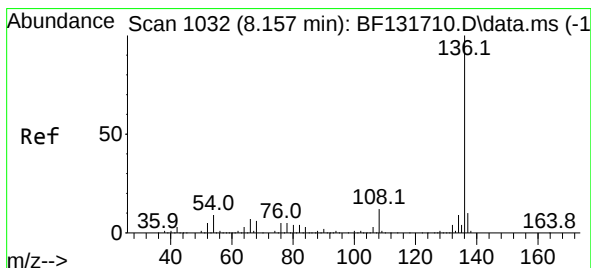
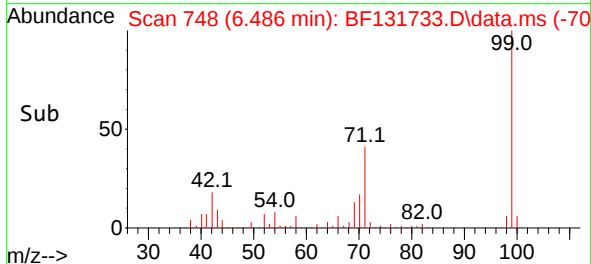
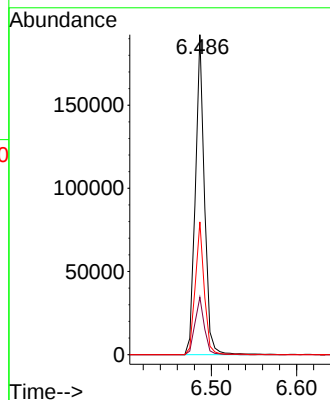
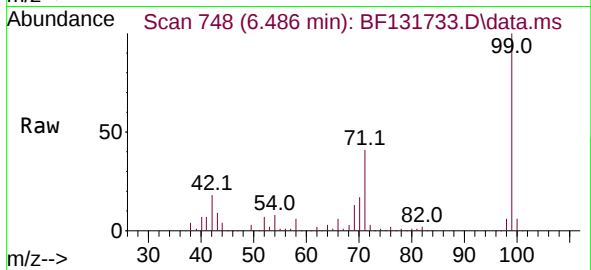




#7
Phenol-d6
Concen: 22.159 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

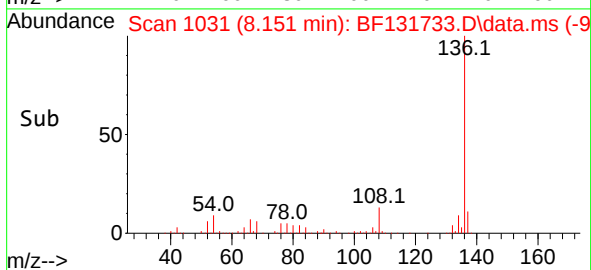
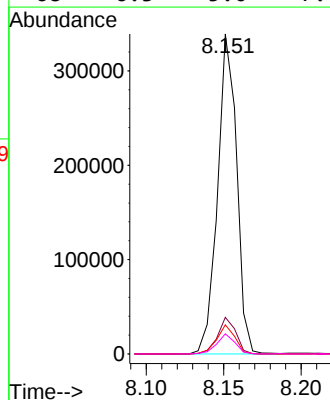
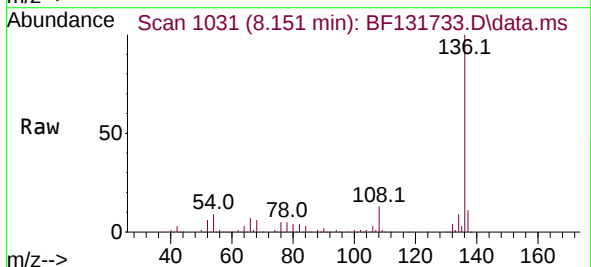
Instrument :
BNA_F
ClientSampleId :
PMW-1

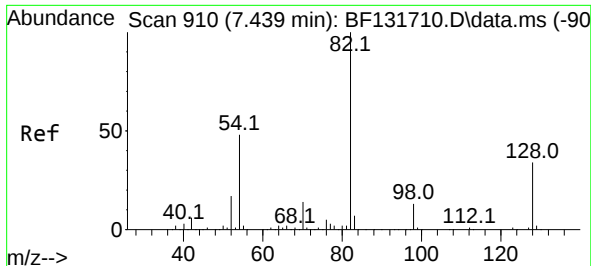
Tgt Ion: 99 Resp: 142482
Ion Ratio Lower Upper
99 100
42 17.9 14.8 22.2
71 41.5 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Tgt Ion: 136 Resp: 291250
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.1 7.2 10.8
68 6.3 5.0 7.6

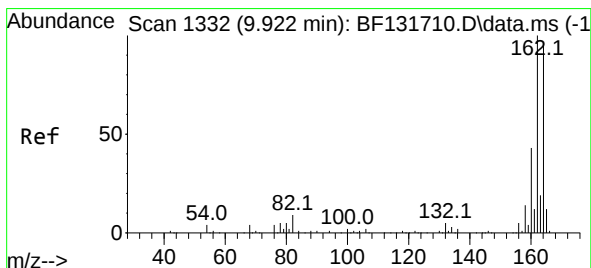
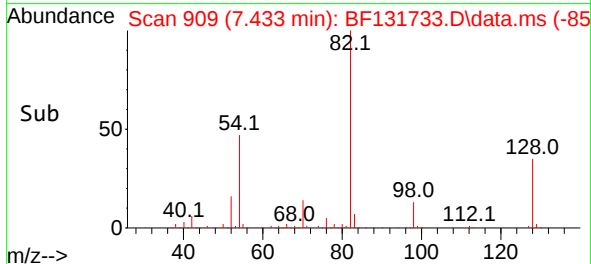
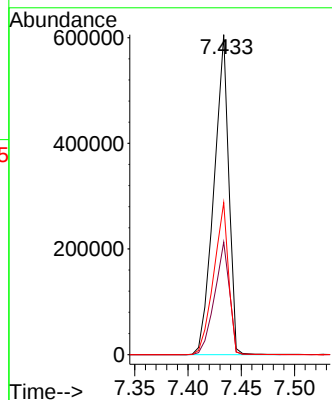
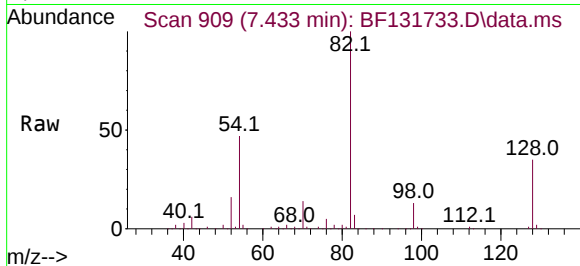




#23
Nitrobenzene-d5
Concen: 81.802 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

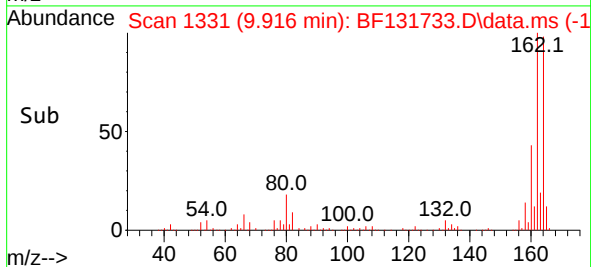
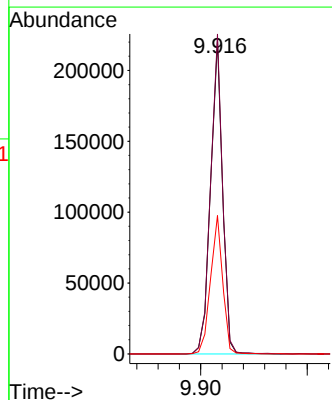
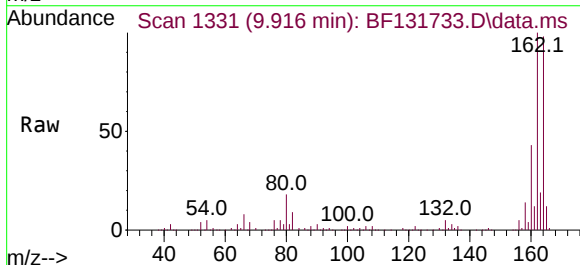
Instrument :
BNA_F
ClientSampleId :
PMW-1

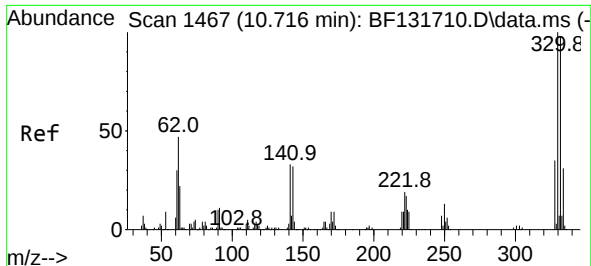
Tgt Ion: 82 Resp: 586876
Ion Ratio Lower Upper
82 100
128 35.2 27.3 40.9
54 47.5 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Tgt Ion:164 Resp: 172868
Ion Ratio Lower Upper
164 100
162 102.1 83.7 125.5
160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 84.351 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF131733.D

Acq: 21 Dec 2022 01:53

Instrument :

BNA_F

ClientSampleId :

PMW-1

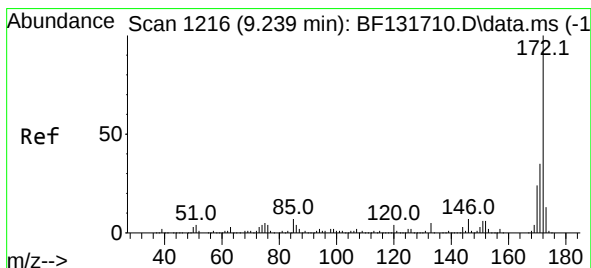
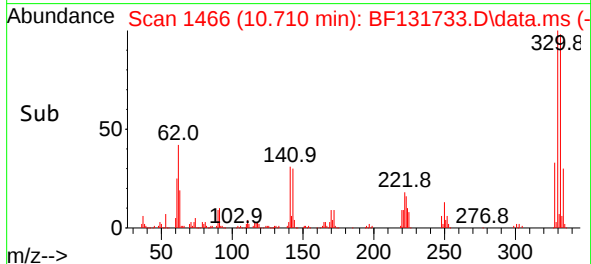
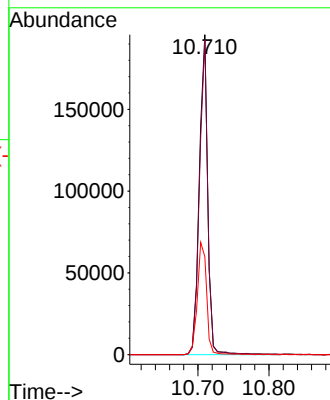
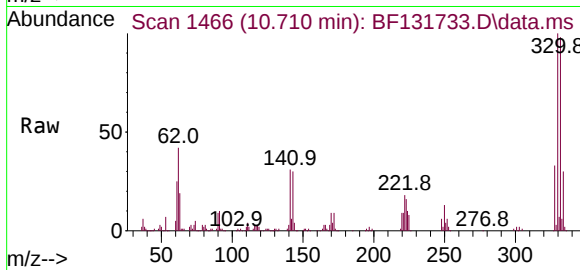
Tgt Ion:330 Resp: 159601

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 38.8 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 85.462 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF131733.D

Acq: 21 Dec 2022 01:53

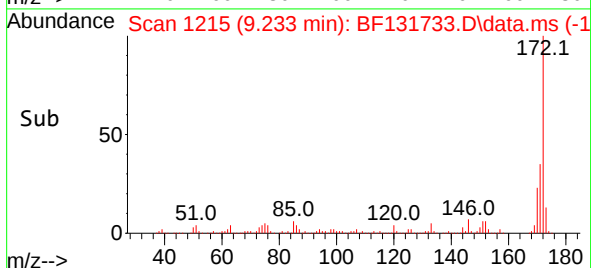
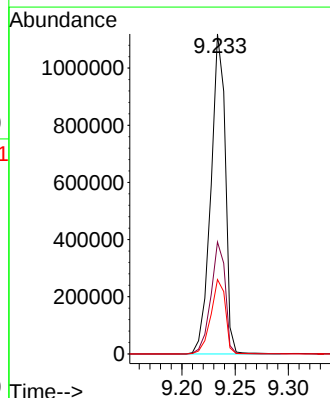
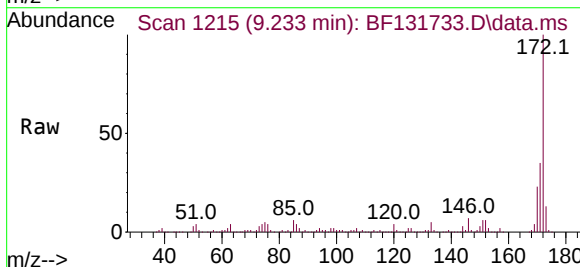
Tgt Ion:172 Resp: 1054638

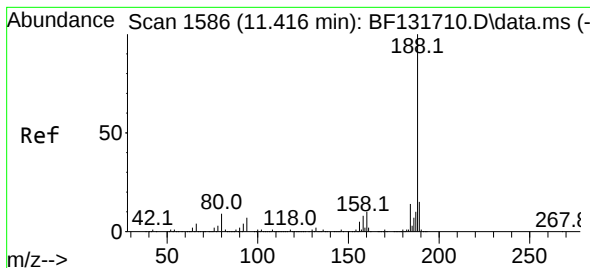
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131733.D

Acq: 21 Dec 2022 01:53

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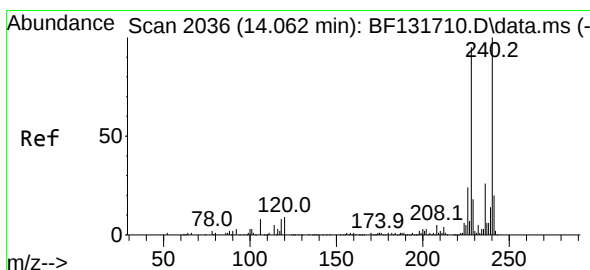
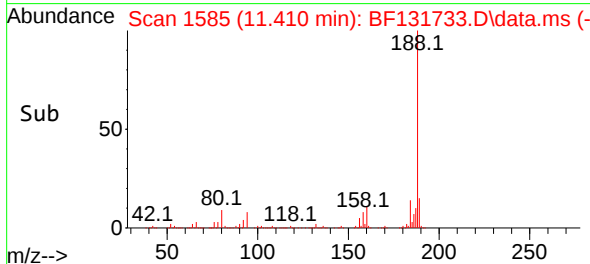
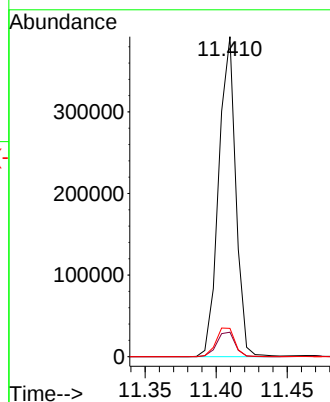
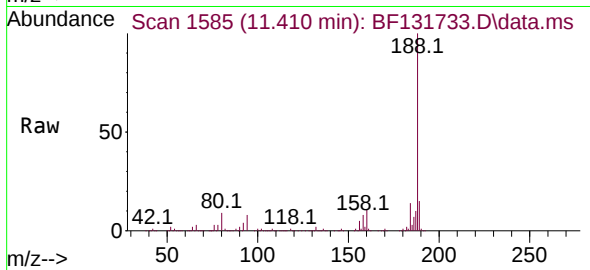
Tgt Ion:188 Resp: 329661

Ion Ratio Lower Upper

188 100

94 7.6 5.9 8.9

80 8.9 7.0 10.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF131733.D

Acq: 21 Dec 2022 01:53

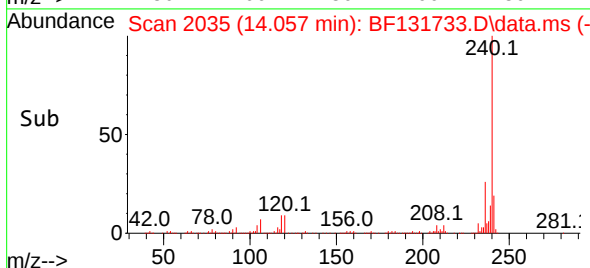
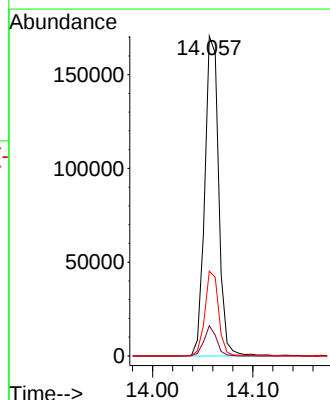
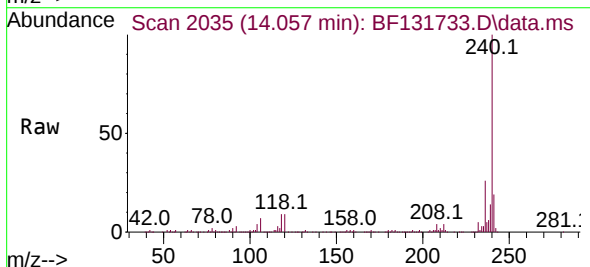
Tgt Ion:240 Resp: 163707

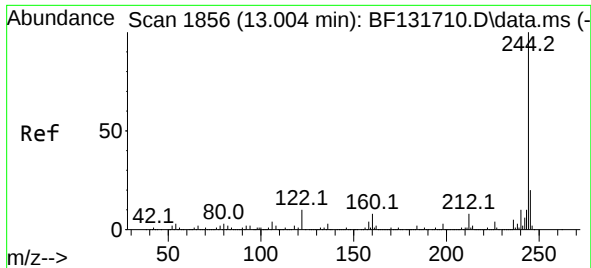
Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 26.5 21.2 31.8

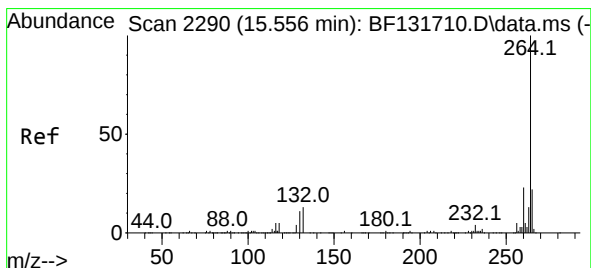
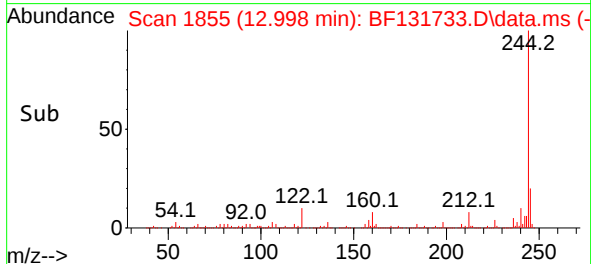
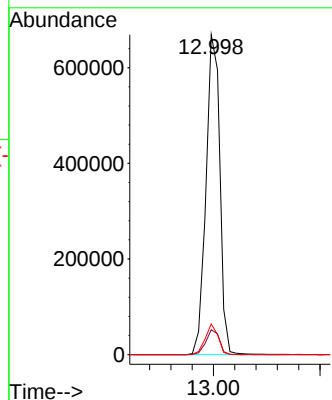
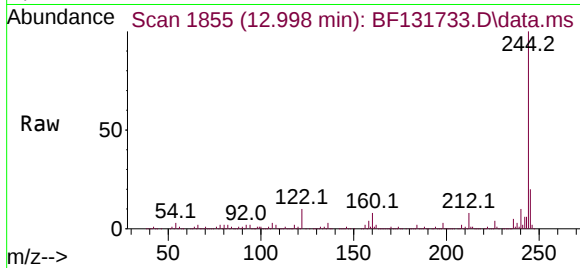




#79
 Terphenyl-d14
 Concen: 57.339 ng
 RT: 12.998 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BF131733.D
 Acq: 21 Dec 2022 01:53

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1

Tgt Ion:244 Resp: 602291
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.6 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF131733.D
 Acq: 21 Dec 2022 01:53

Tgt Ion:264 Resp: 171036
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 20.9 17.4 26.2

