

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131740.D
 Acq On : 21 Dec 2022 10:43
 Operator : CG\JU
 Sample : PB149732BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149732BL

Quant Time: Dec 22 05:18:09 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	84261	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	311284	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	193035	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	391168	20.000	ng	0.00
76) Chrysene-d12	14.057	240	335746	20.000	ng	0.00
86) Perylene-d12	15.557	264	255964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	683910	136.674	ng	0.01
7) Phenol-d6	6.498	99	881604	130.895	ng	0.00
23) Nitrobenzene-d5	7.434	82	613849	80.055	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	285016	134.897	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1118992	81.203	ng	0.00
79) Terphenyl-d14	13.004	244	1629942	75.662	ng	0.00

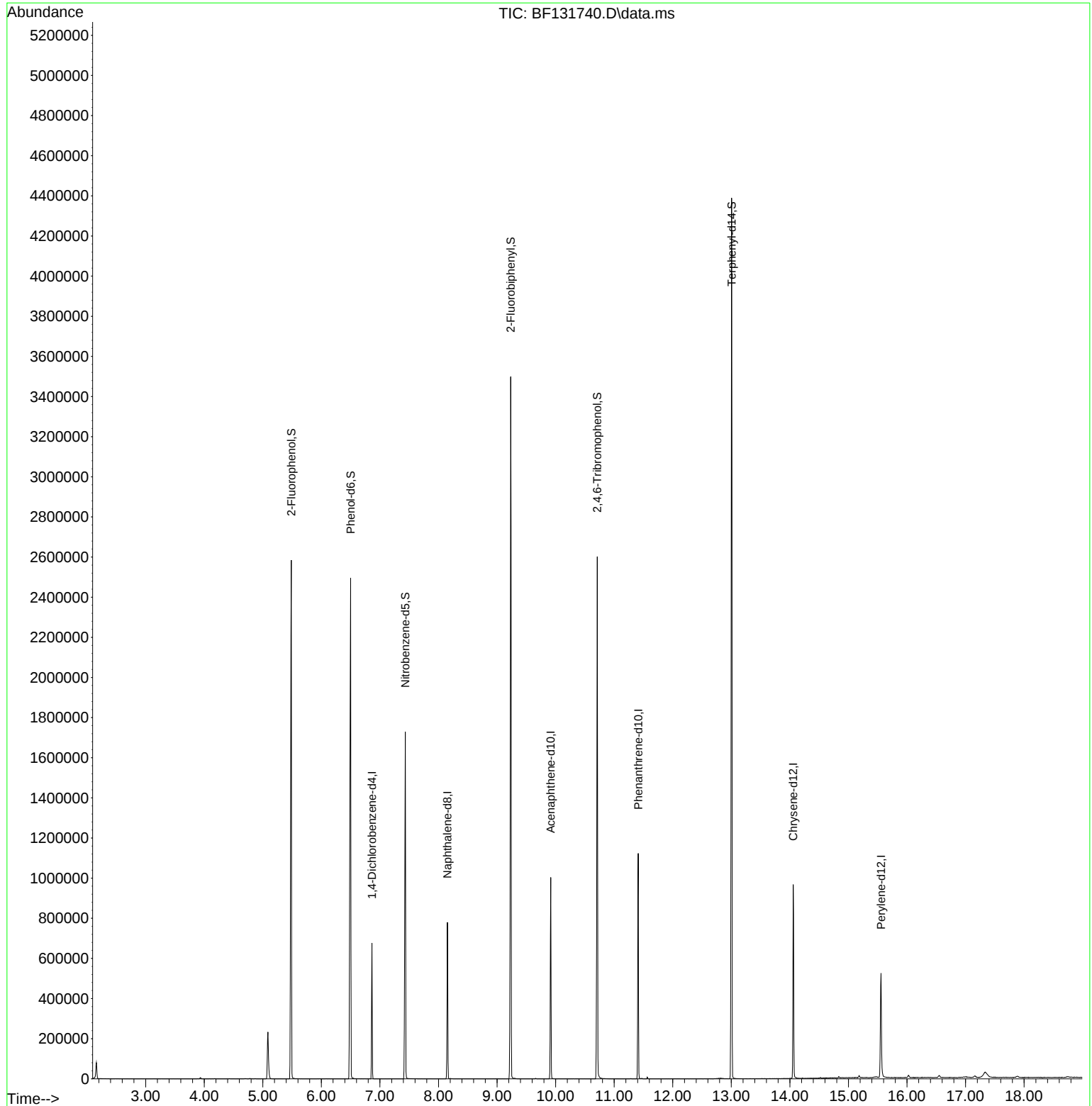
Target Compounds	Qvalue

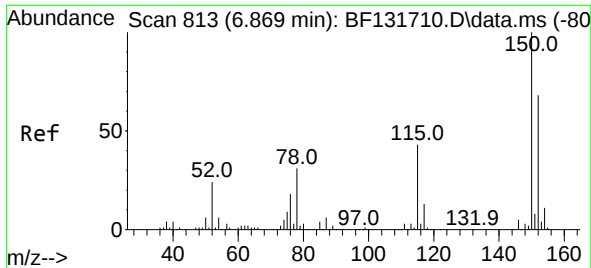
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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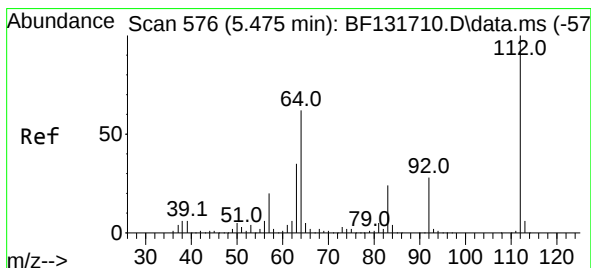
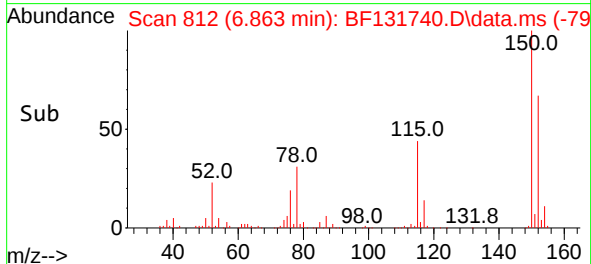
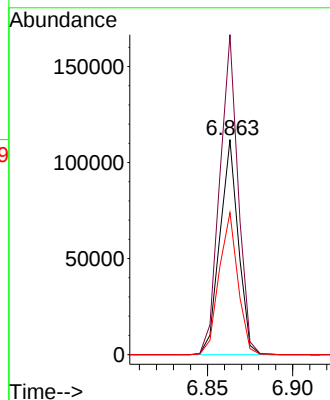
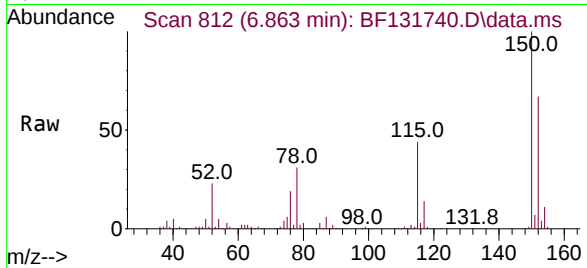




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

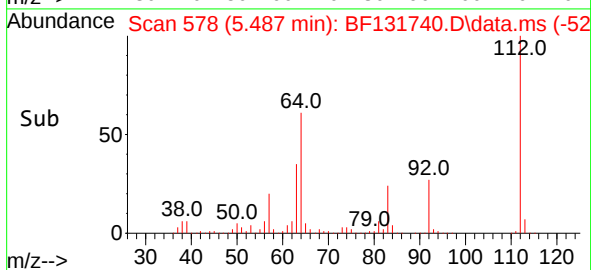
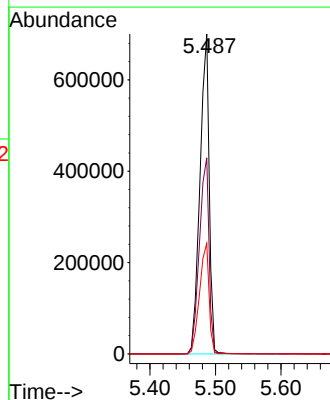
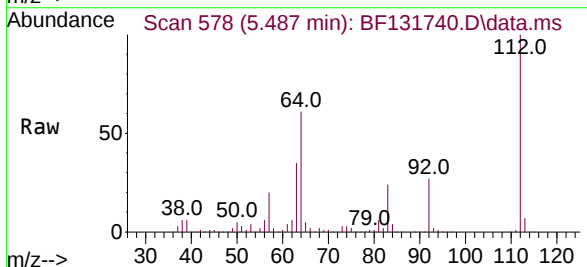
Instrument :
BNA_F
ClientSampleId :
PB149732BL

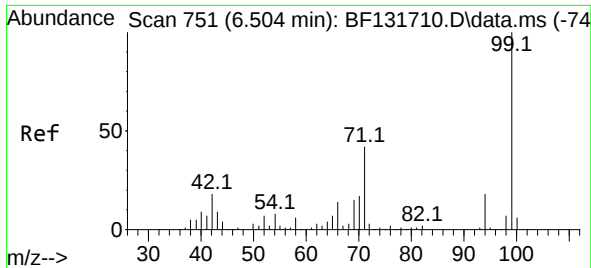
Tgt Ion:152 Resp: 84261
Ion Ratio Lower Upper
152 100
150 148.8 117.4 176.0
115 66.1 50.2 75.4



#5
2-Fluorophenol
Concen: 136.674 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

Tgt Ion:112 Resp: 683910
Ion Ratio Lower Upper
112 100
64 61.3 49.5 74.3
63 34.5 28.2 42.2

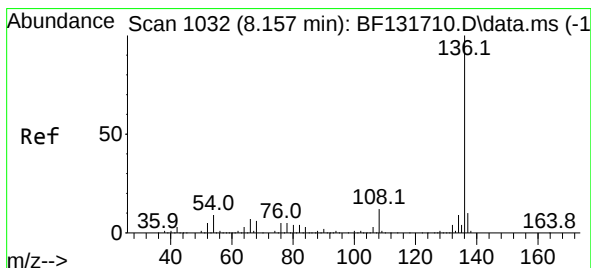
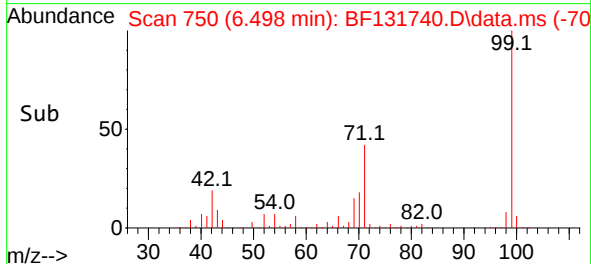
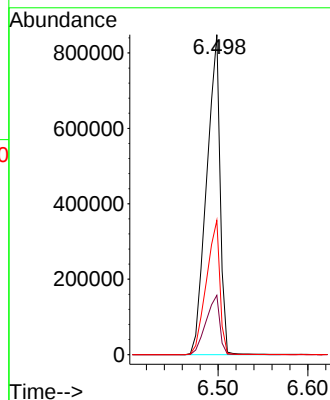
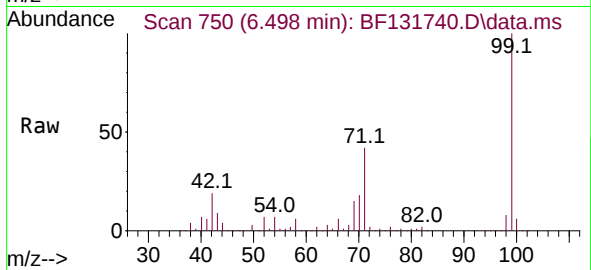




#7
Phenol-d6
Concen: 130.895 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

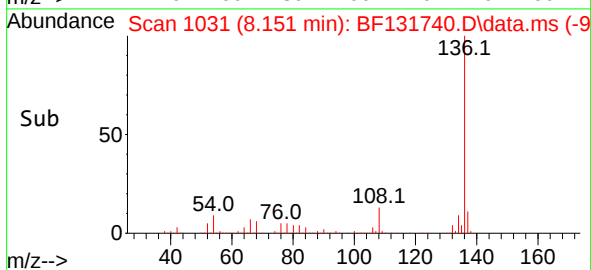
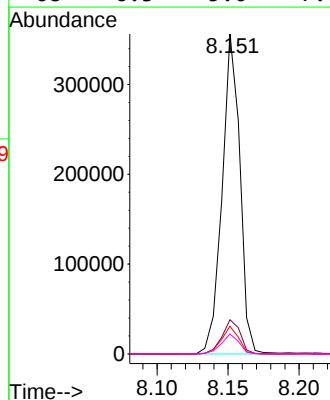
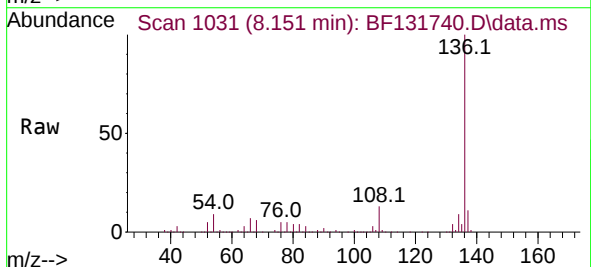
Instrument :
BNA_F
ClientSampleId :
PB149732BL

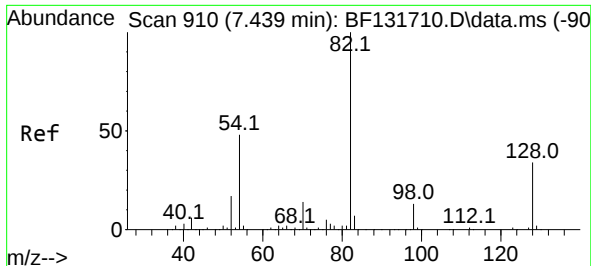
Tgt Ion: 99 Resp: 881604
Ion Ratio Lower Upper
99 100
42 18.5 14.8 22.2
71 41.9 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

Tgt Ion: 136 Resp: 311284
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.6 7.2 10.8
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 80.055 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

Instrument :

BNA_F

ClientSampleId :

PB149732BL

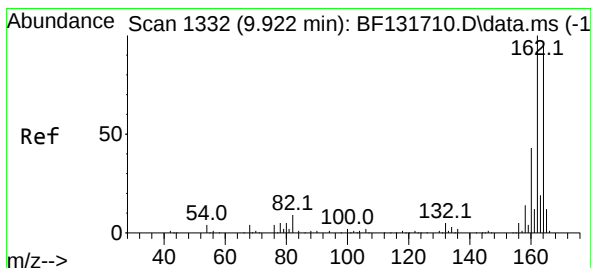
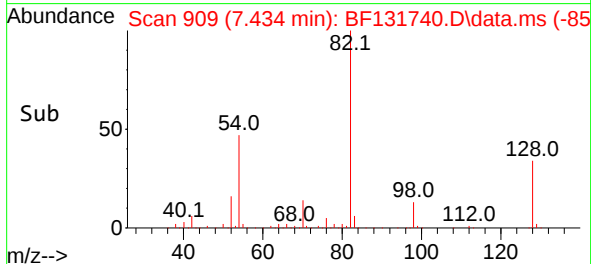
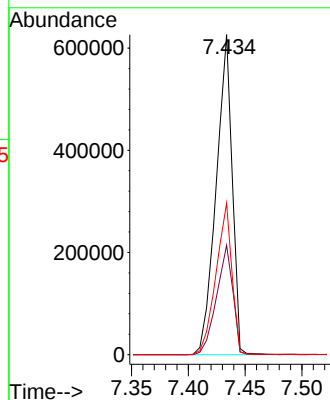
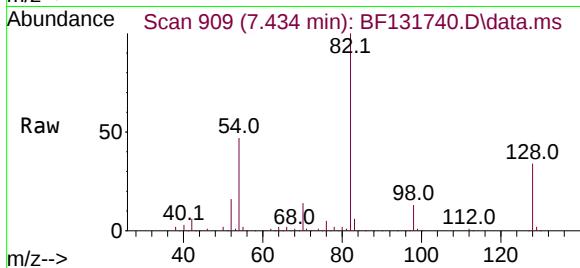
Tgt Ion: 82 Resp: 613849

Ion Ratio Lower Upper

82 100

128 34.2 27.3 40.9

54 47.3 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: BF131740.D

Acq: 21 Dec 2022 10:43

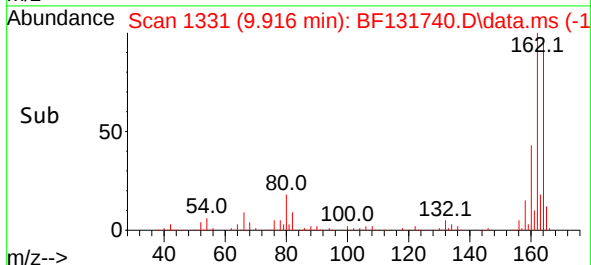
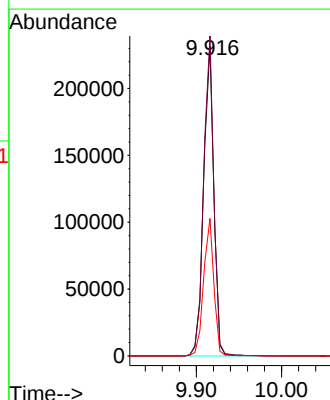
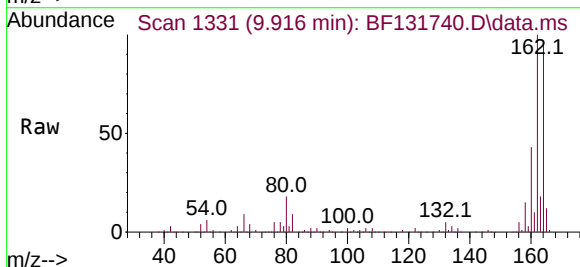
Tgt Ion:164 Resp: 193035

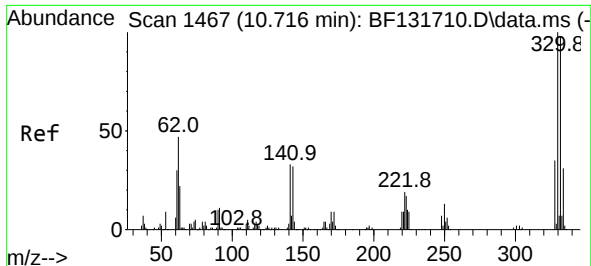
Ion Ratio Lower Upper

164 100

162 103.3 83.7 125.5

160 44.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 134.897 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

Instrument :

BNA_F

ClientSampleId :

PB149732BL

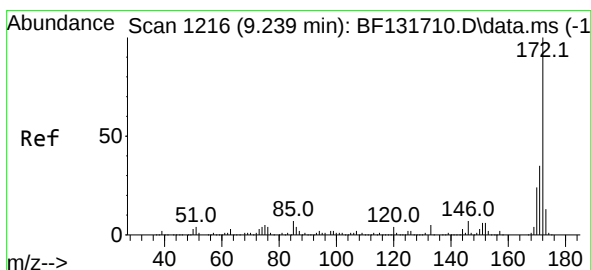
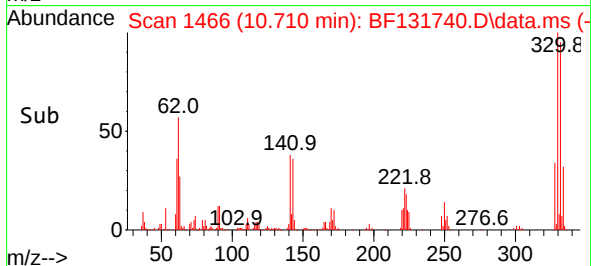
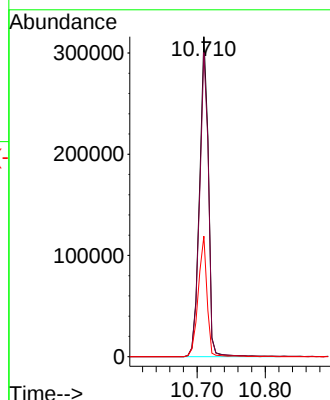
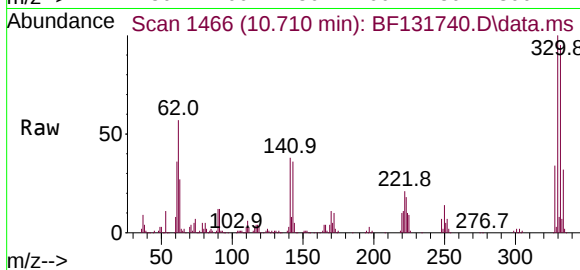
Tgt Ion:330 Resp: 285016

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 37.2 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 81.203 ng

RT: 9.234 min Scan# 1215

Delta R.T. -0.005 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

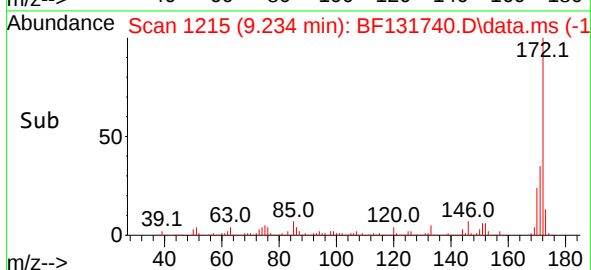
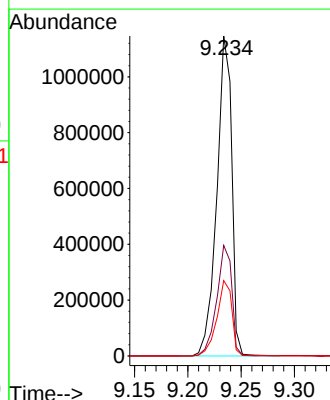
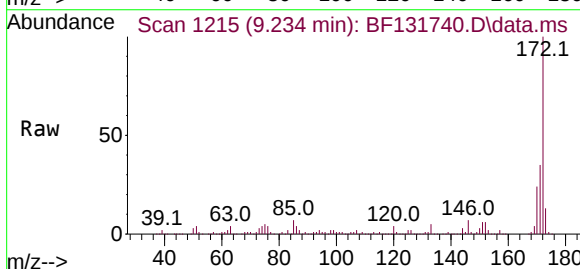
Tgt Ion:172 Resp: 1118992

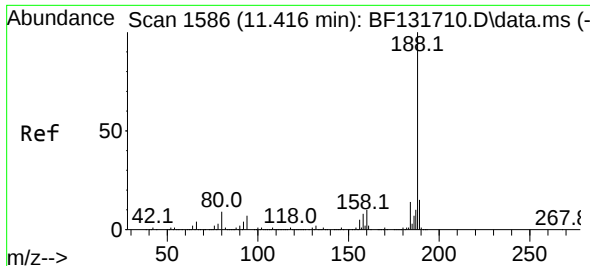
Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.5 19.0 28.4

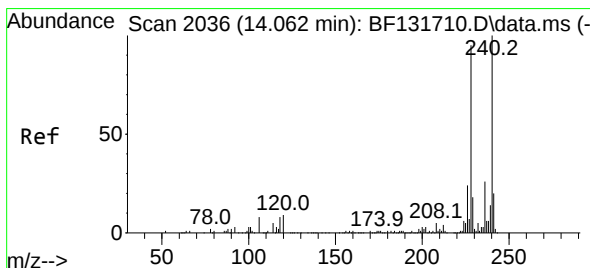
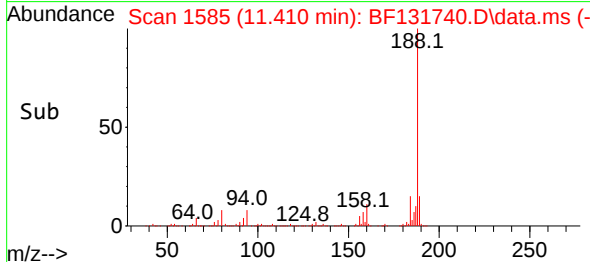
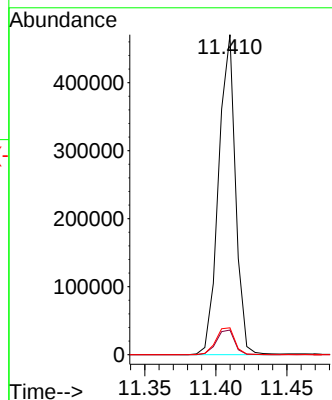
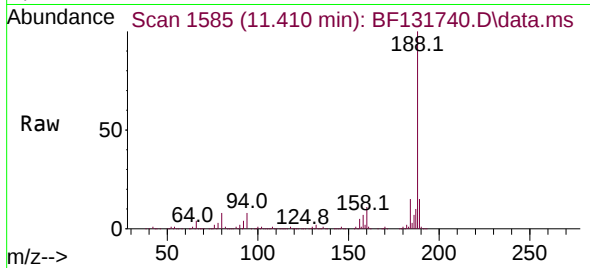




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

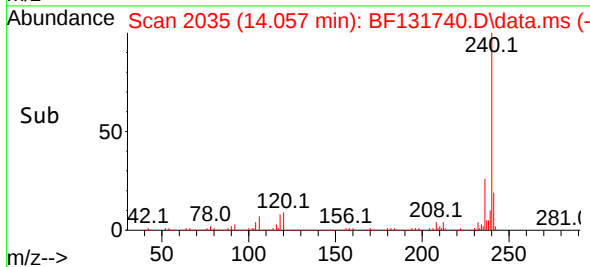
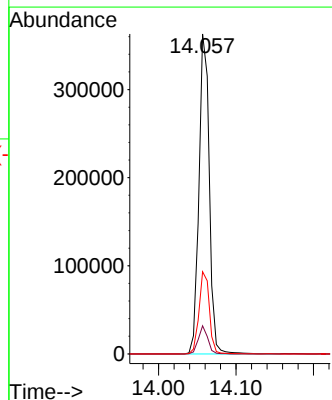
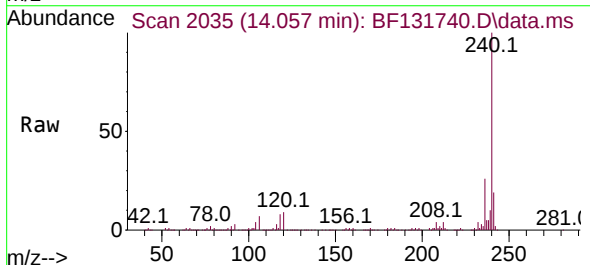
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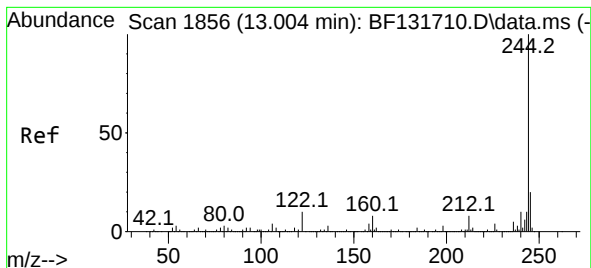
Tgt Ion:188 Resp: 391168
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.4 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

Tgt Ion:240 Resp: 335746
Ion Ratio Lower Upper
240 100
120 8.8 7.6 11.4
236 25.7 21.2 31.8





#79

Terphenyl-d14

Concen: 75.662 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

Instrument :

BNA_F

ClientSampleId :

PB149732BL

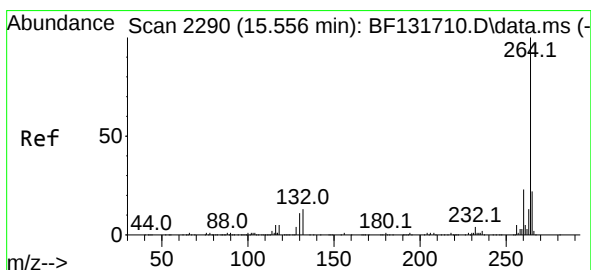
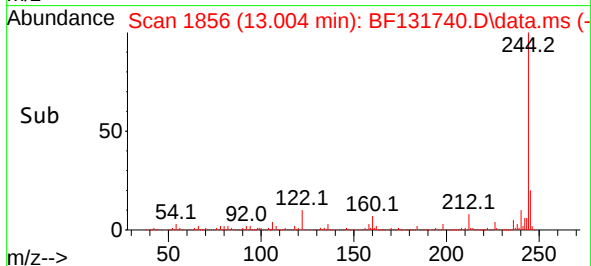
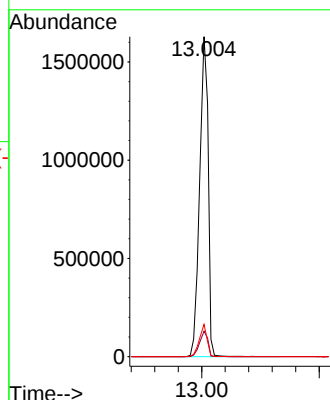
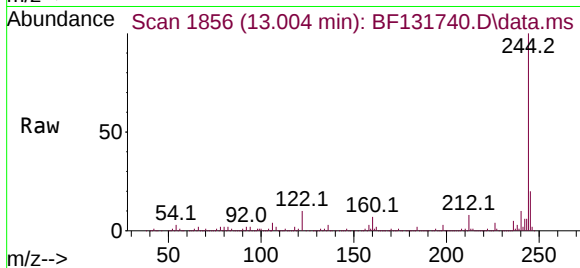
Tgt Ion:244 Resp: 1629942

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 10.1 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.000 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

Tgt Ion:264 Resp: 255964

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 20.9 17.4 26.2

