

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133571.D
 Acq On : 05 Jun 2023 18:05
 Operator : CG\JU
 Sample : 02986-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-0A

Quant Time: Jun 06 01:05:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	136688	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	498622	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	220626	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	378520	20.000	ng	0.00
76) Chrysene-d12	13.998	240	241986	20.000	ng	0.00
86) Perylene-d12	15.457	264	192412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	611884	74.689	ng	0.00
7) Phenol-d6	6.457	99	727775	72.164	ng	0.00
23) Nitrobenzene-d5	7.392	82	434488	58.181	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	163570	74.376	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	763543	53.415	ng	0.00
79) Terphenyl-d14	12.945	244	668218	49.097	ng	0.00

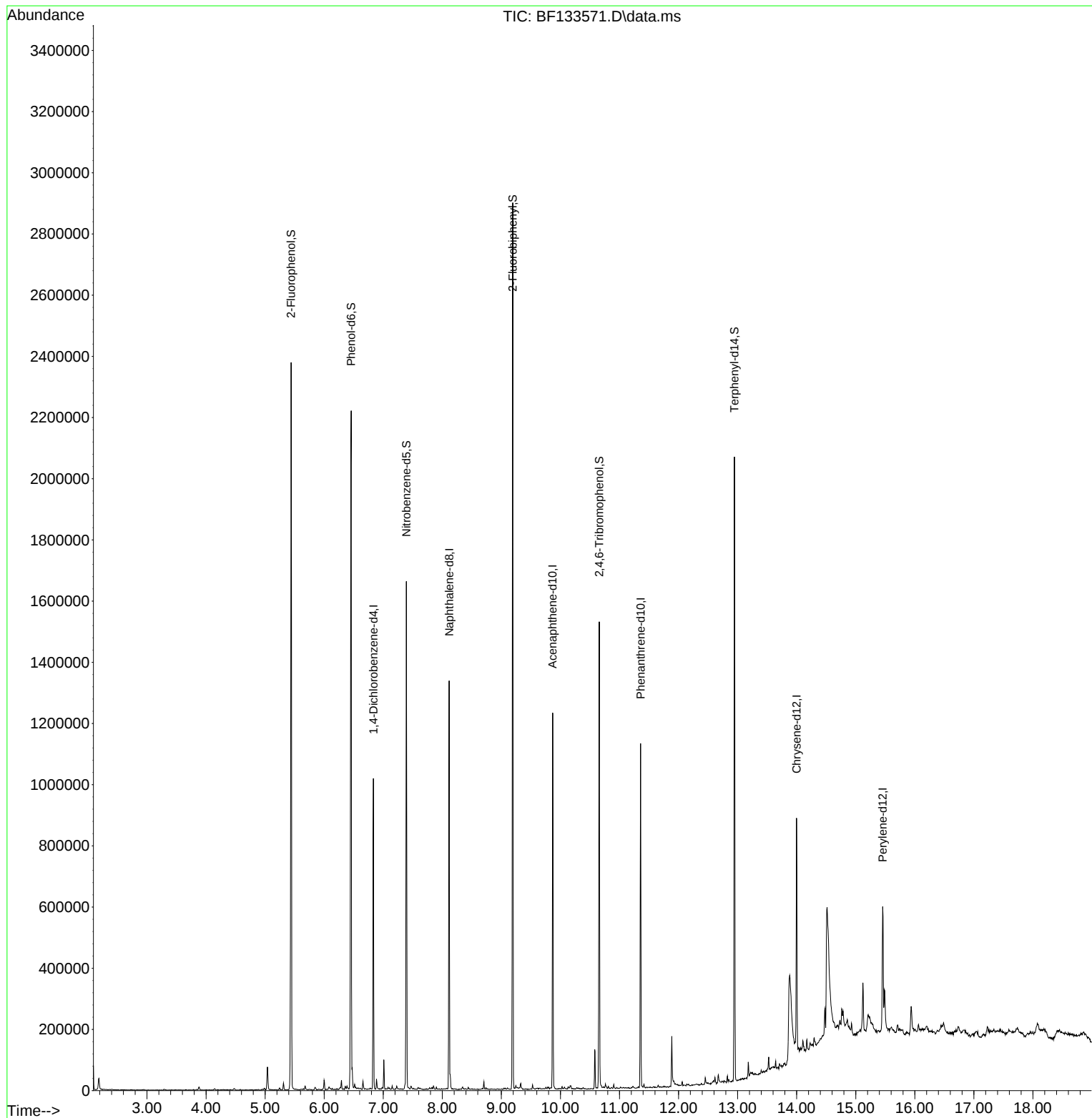
Target Compounds	Qvalue

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

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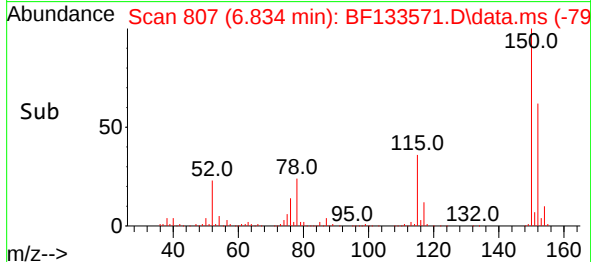
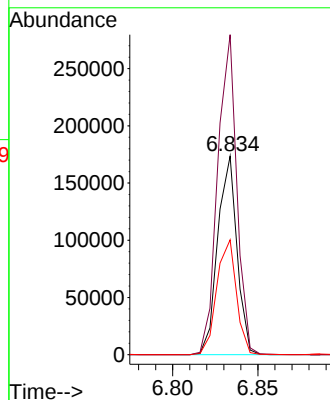
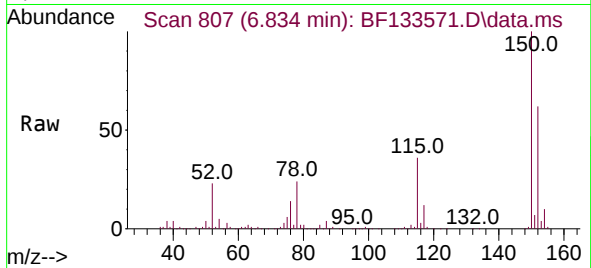




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133571.D
Acq: 05 Jun 2023 18:05

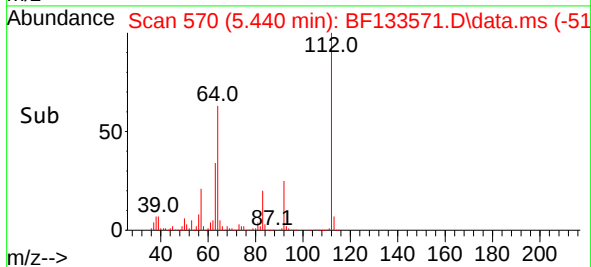
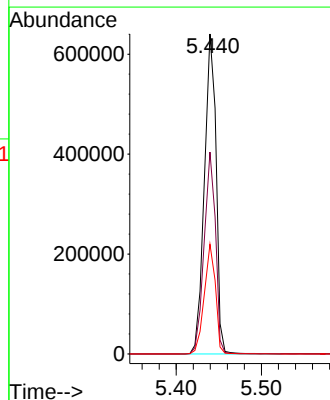
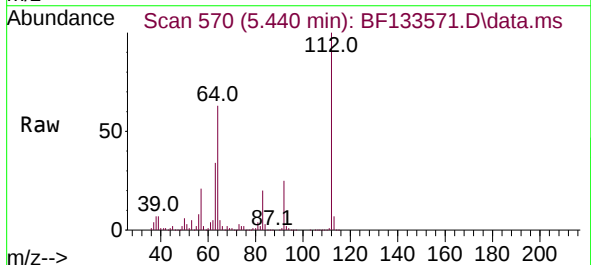
Instrument :
BNA_F
ClientSampleId :
TP-13-0A

Tgt Ion:152 Resp: 136688
Ion Ratio Lower Upper
152 100
150 161.2 124.9 187.3
115 57.8 48.1 72.1



#5
2-Fluorophenol
Concen: 74.689 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF133571.D
Acq: 05 Jun 2023 18:05

Tgt Ion:112 Resp: 611884
Ion Ratio Lower Upper
112 100
64 63.1 50.1 75.1
63 34.3 27.5 41.3

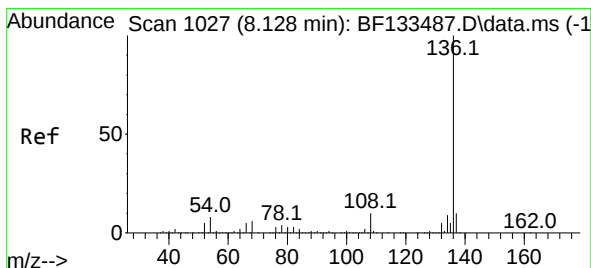
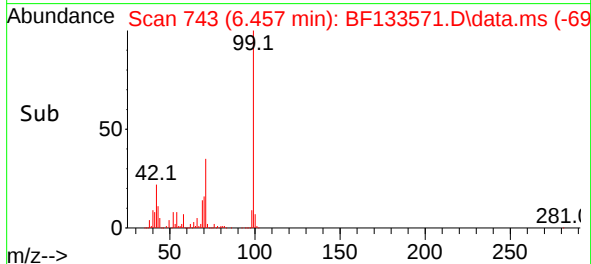
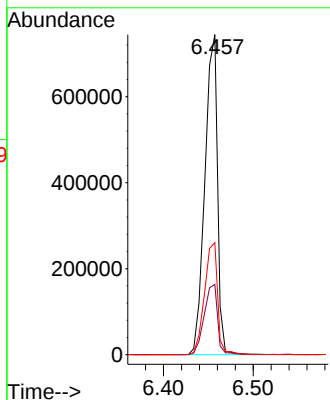
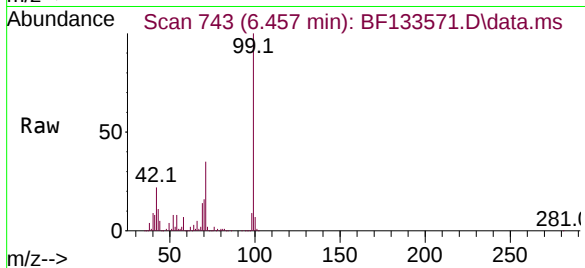




#7
Phenol-d6
Concen: 72.164 ng
RT: 6.457 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133571.D
Acq: 05 Jun 2023 18:05

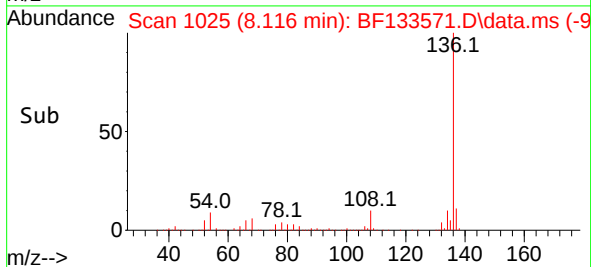
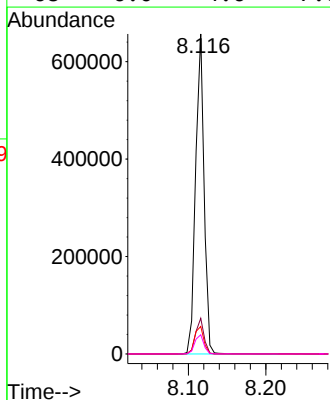
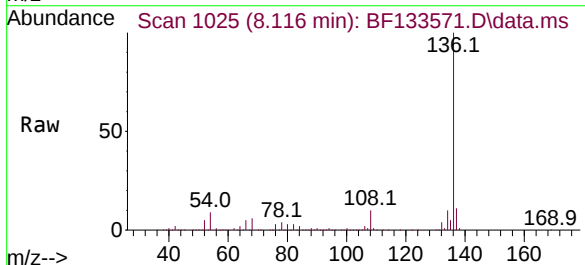
Instrument :
BNA_F
ClientSampleId :
TP-13-0A

Tgt Ion: 99 Resp: 727775
Ion Ratio Lower Upper
99 100
42 22.0 19.7 29.5
71 35.0 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133571.D
Acq: 05 Jun 2023 18:05

Tgt Ion: 136 Resp: 498622
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 8.6 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 58.181 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133571.D

Acq: 05 Jun 2023 18:05

Instrument :

BNA_F

ClientSampleId :

TP-13-0A

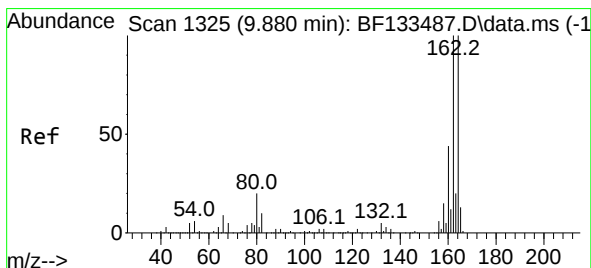
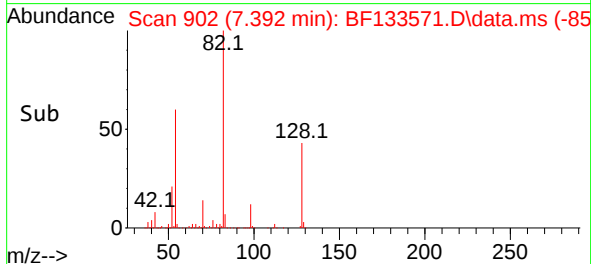
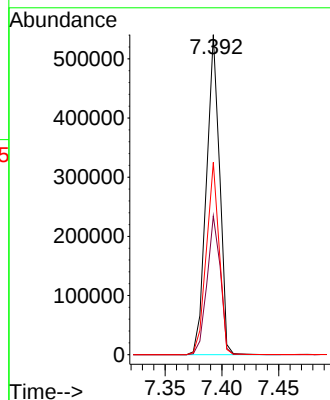
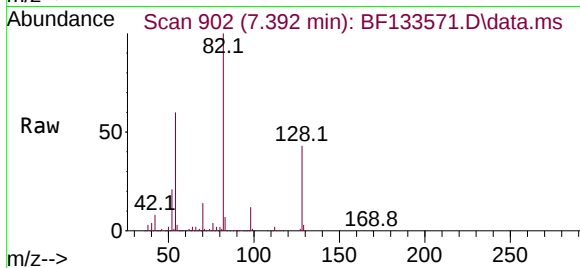
Tgt Ion: 82 Resp: 434488

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.4

54 60.1 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133571.D

Acq: 05 Jun 2023 18:05

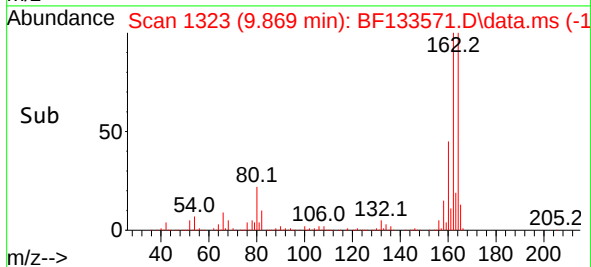
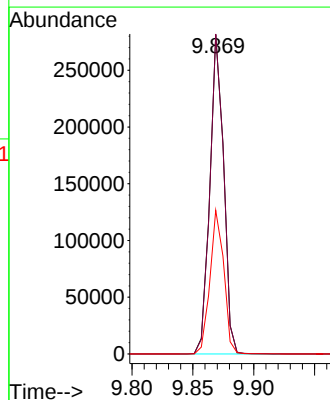
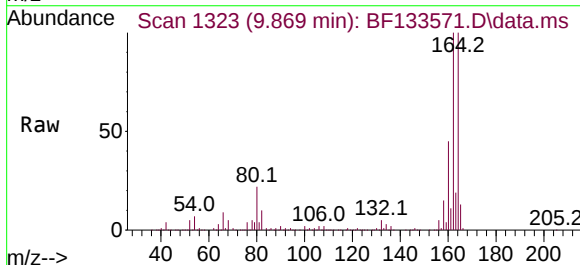
Tgt Ion:164 Resp: 220626

Ion Ratio Lower Upper

164 100

162 100.2 79.7 119.5

160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 74.376 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133571.D

Acq: 05 Jun 2023 18:05

Instrument :

BNA_F

ClientSampleId :

TP-13-0A

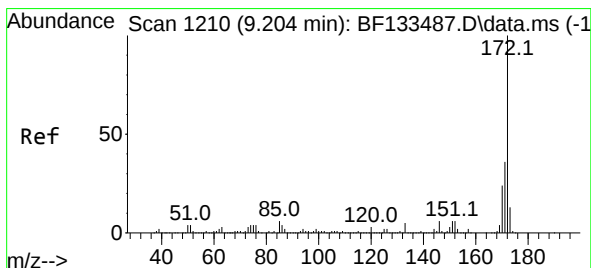
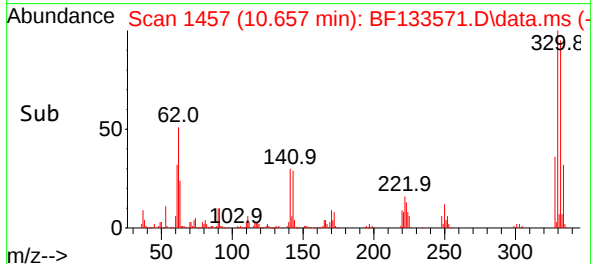
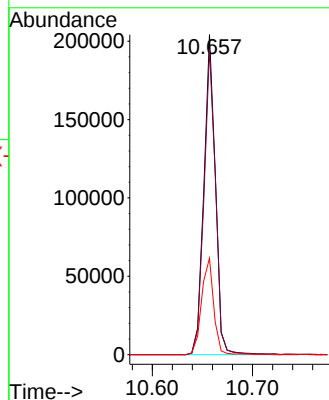
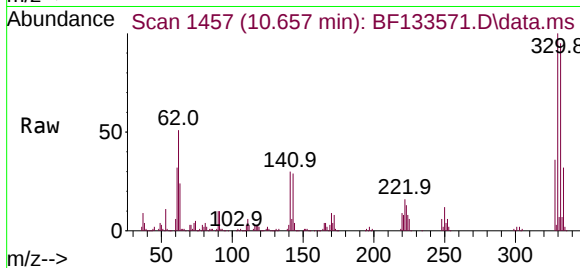
Tgt Ion:330 Resp: 163570

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 31.8 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 53.415 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133571.D

Acq: 05 Jun 2023 18:05

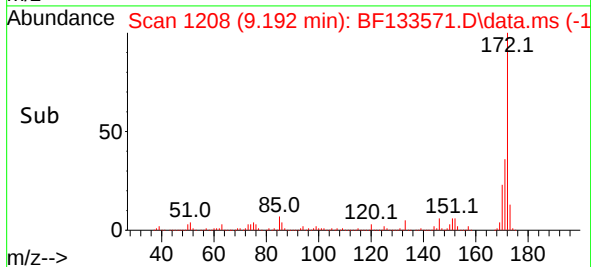
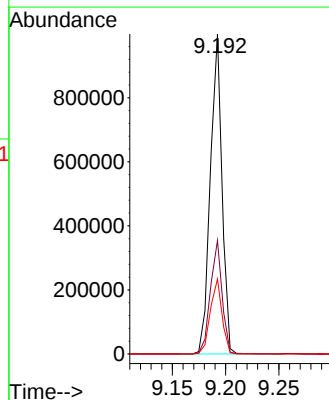
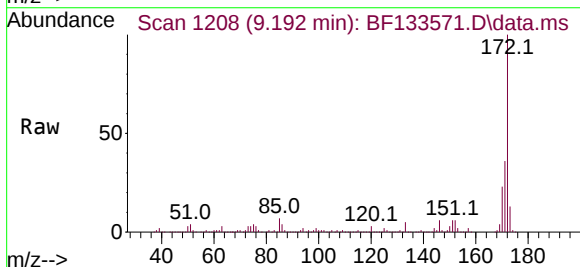
Tgt Ion:172 Resp: 763543

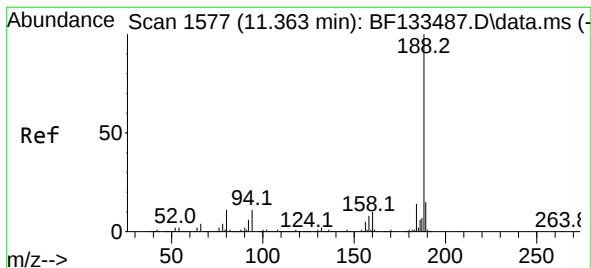
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133571.D

Acq: 05 Jun 2023 18:05

Instrument :

BNA_F

ClientSampleId :

TP-13-0A

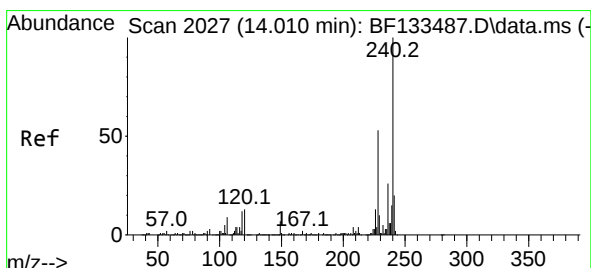
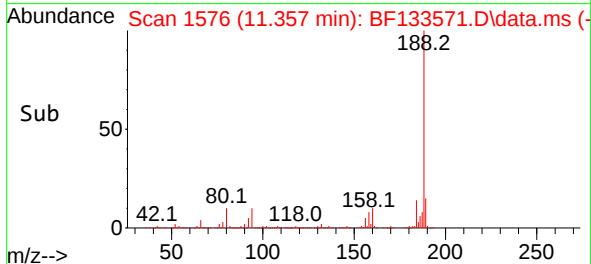
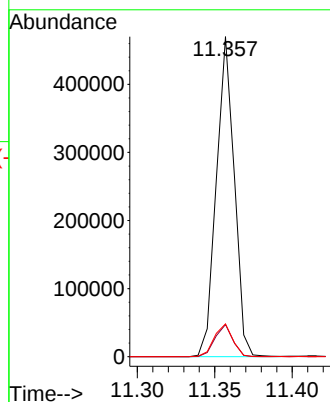
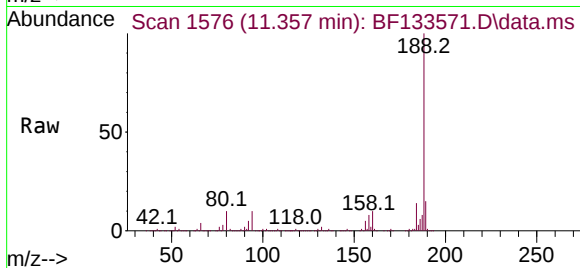
Tgt Ion:188 Resp: 378520

Ion Ratio Lower Upper

188 100

94 10.0 8.6 12.8

80 10.2 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133571.D

Acq: 05 Jun 2023 18:05

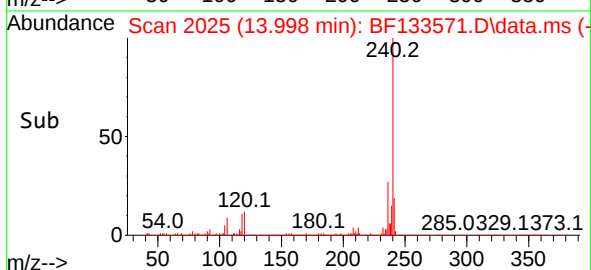
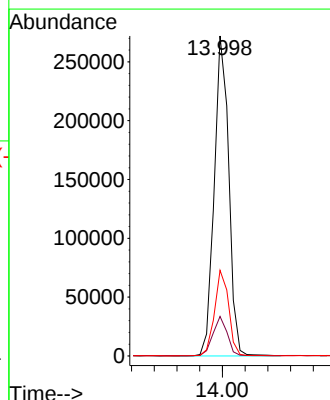
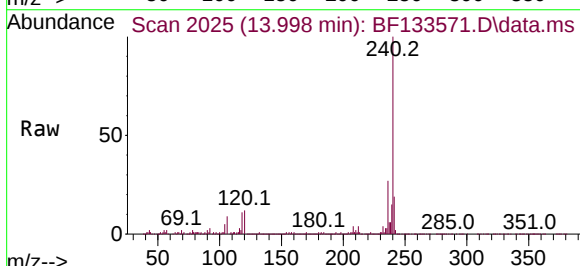
Tgt Ion:240 Resp: 241986

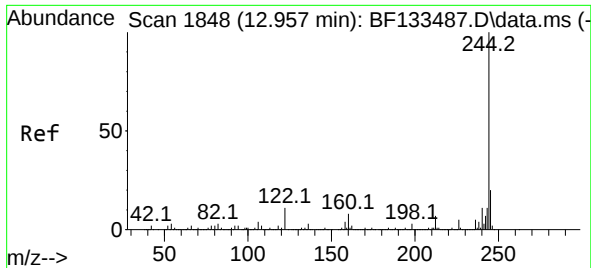
Ion Ratio Lower Upper

240 100

120 12.3 10.3 15.5

236 26.8 20.5 30.7

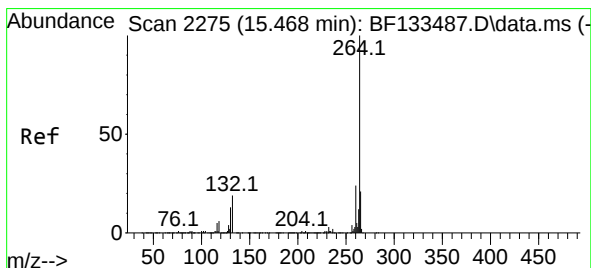
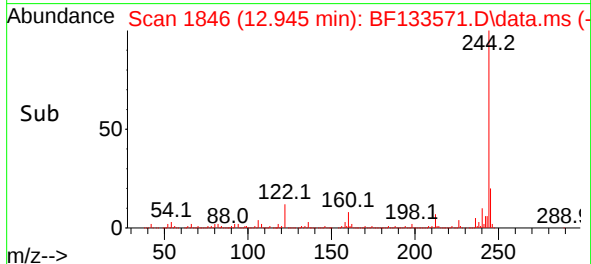
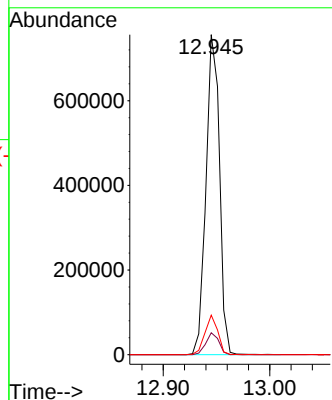
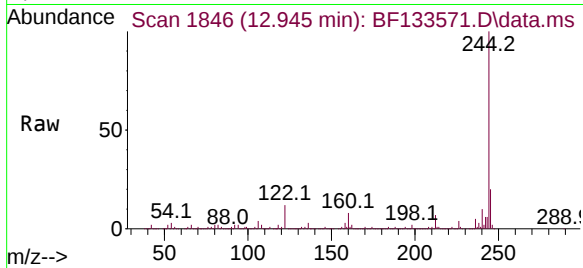




#79
 Terphenyl-d14
 Concen: 49.097 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF133571.D
 Acq: 05 Jun 2023 18:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-0A

Tgt Ion:244 Resp: 668218
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF133571.D
 Acq: 05 Jun 2023 18:05

Tgt Ion:264 Resp: 192412
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.5 16.8 25.2

