

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133473.D
 Acq On : 24 May 2023 16:26
 Operator : CG\JU
 Sample : 02892-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-29

Quant Time: May 24 17:22:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	105837	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	405343	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	202209	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	408617	20.000	ng	0.00
76) Chrysene-d12	14.004	240	310969	20.000	ng	0.00
86) Perylene-d12	15.463	264	253388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	764569	118.087	ng	0.01
7) Phenol-d6	6.463	99	858185	110.258	ng	0.00
23) Nitrobenzene-d5	7.404	82	608169	103.730	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	276942	148.262	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1097197	76.340	ng	0.00
79) Terphenyl-d14	12.957	244	1442156	88.667	ng	0.00

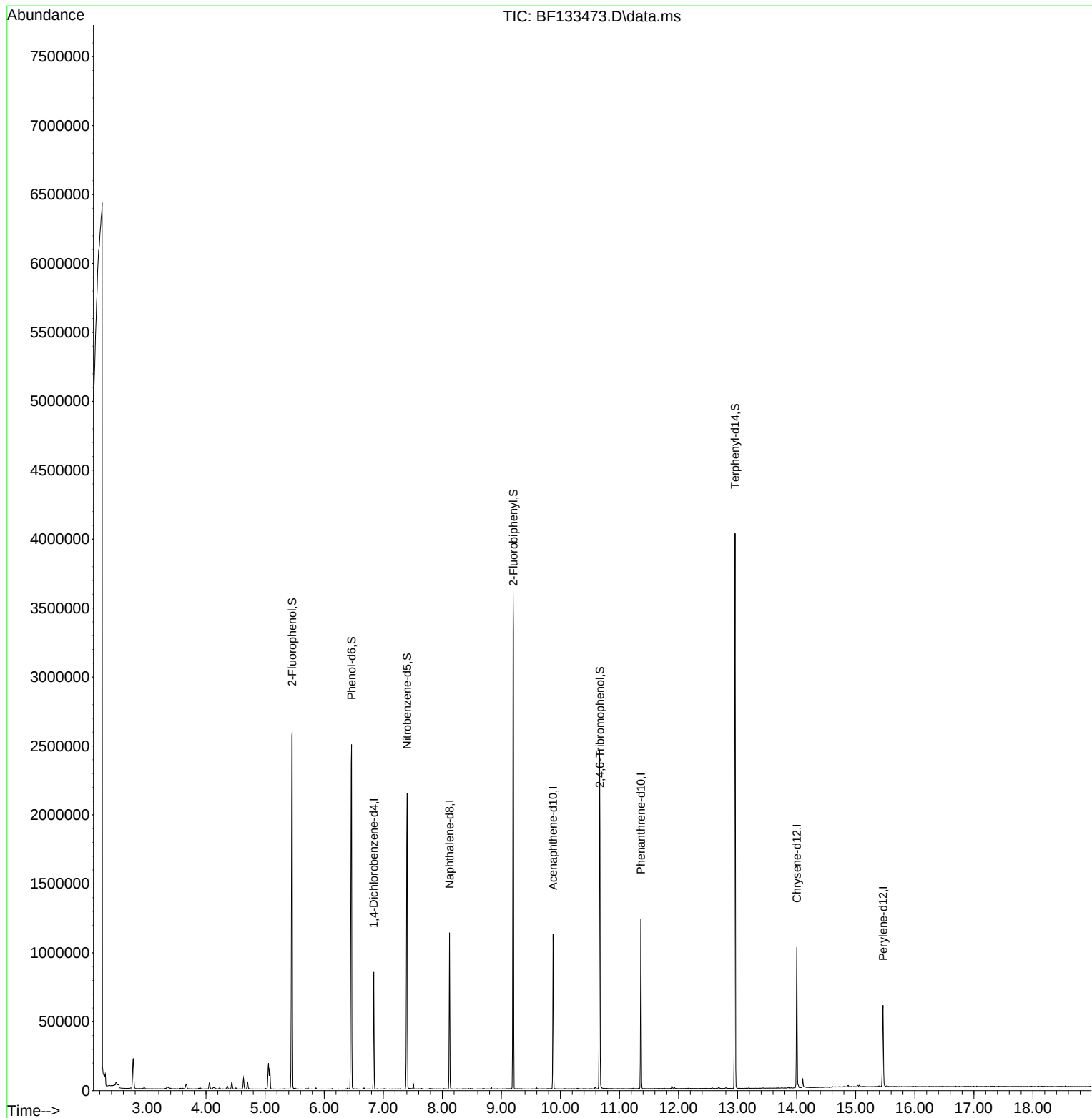
Target Compounds	Qvalue

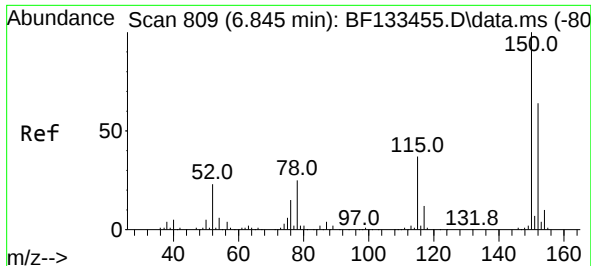
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
Data File : BF133473.D
Acq On : 24 May 2023 16:26
Operator : CG\JU
Sample : 02892-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-29

Quant Time: May 24 17:22:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 02:41:39 2023
Response via : Initial Calibration

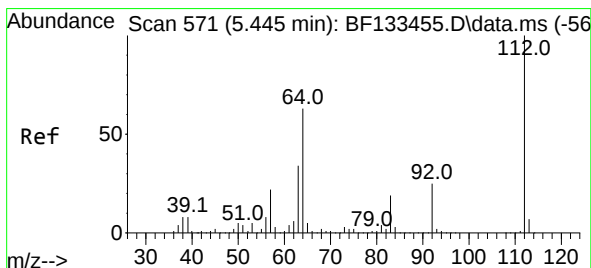
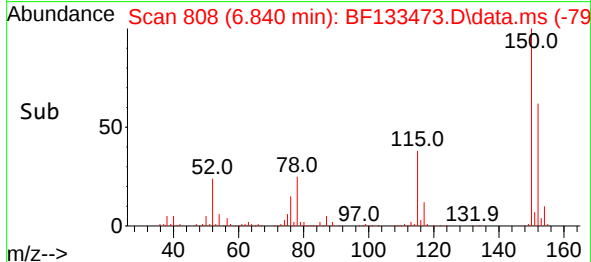
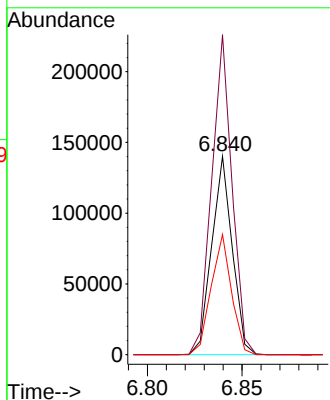
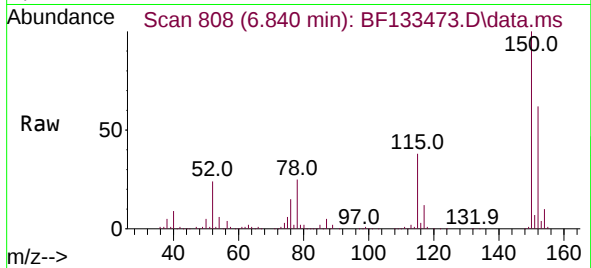




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

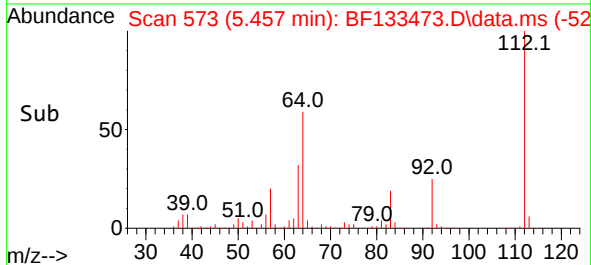
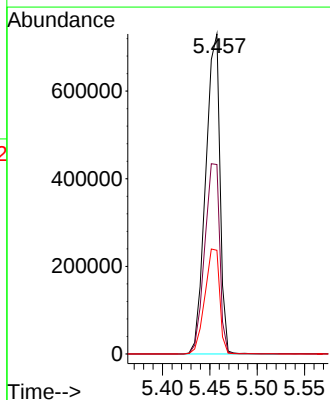
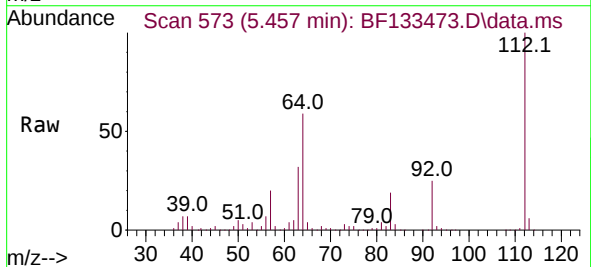
Instrument :
BNA_F
ClientSampleId :
TP-29

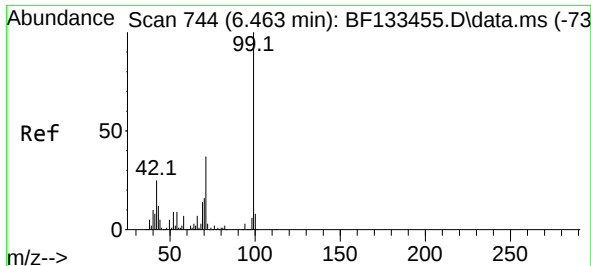
Tgt Ion:152 Resp: 105837
Ion Ratio Lower Upper
152 100
150 161.3 125.6 188.4
115 60.5 47.0 70.4



#5
2-Fluorophenol
Concen: 118.087 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion:112 Resp: 764569
Ion Ratio Lower Upper
112 100
64 59.2 50.2 75.4
63 32.4 27.2 40.8

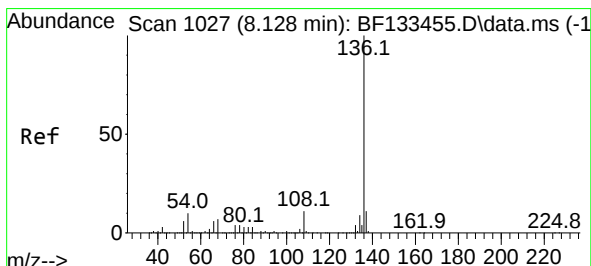
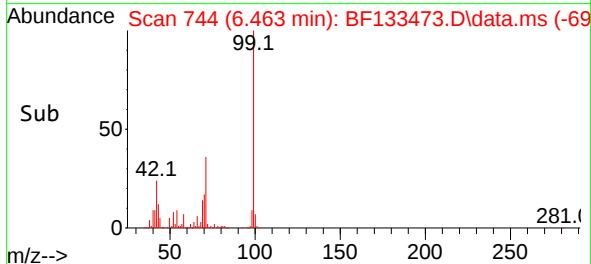
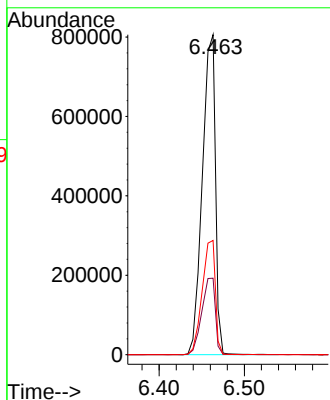
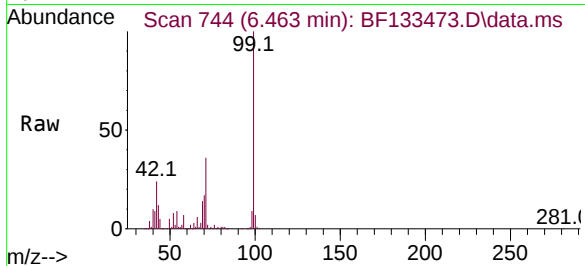




#7
Phenol-d6
Concen: 110.258 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

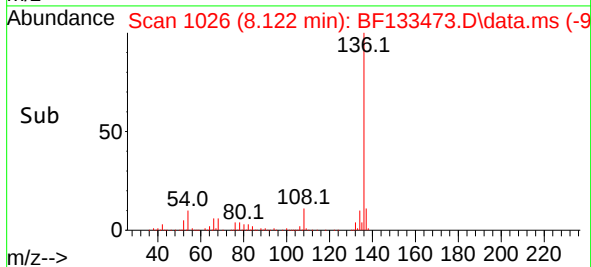
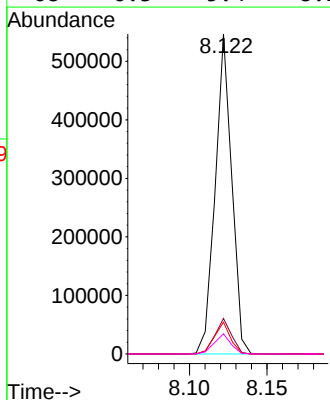
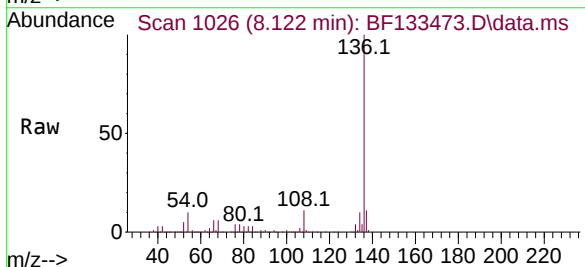
Instrument :
BNA_F
ClientSampleId :
TP-29

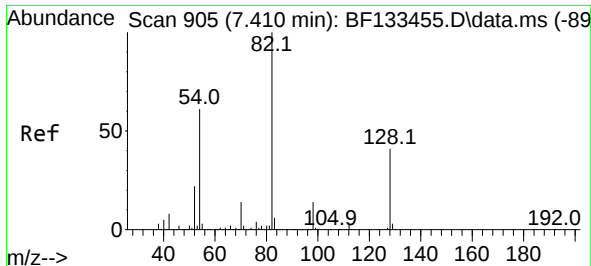
Tgt Ion: 99 Resp: 858185
Ion Ratio Lower Upper
99 100
42 23.9 19.6 29.4
71 35.7 29.5 44.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion:136 Resp: 405343
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.0 8.0 12.0
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 103.730 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133473.D

Acq: 24 May 2023 16:26

Instrument :

BNA_F

ClientSampleId :

TP-29

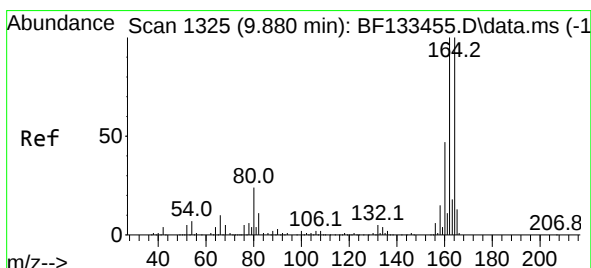
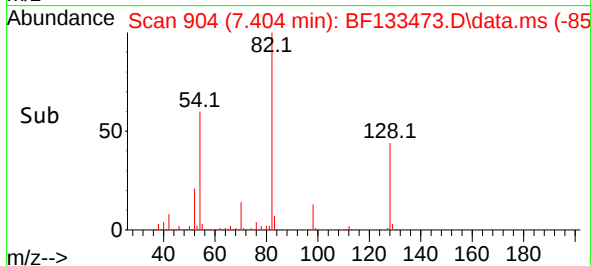
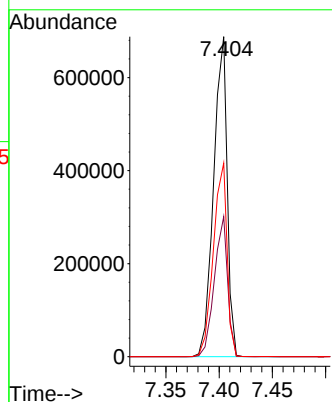
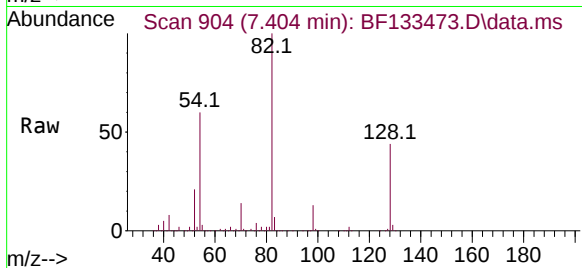
Tgt Ion: 82 Resp: 608169

Ion Ratio Lower Upper

82 100

128 43.7 33.0 49.6

54 60.5 48.5 72.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BF133473.D

Acq: 24 May 2023 16:26

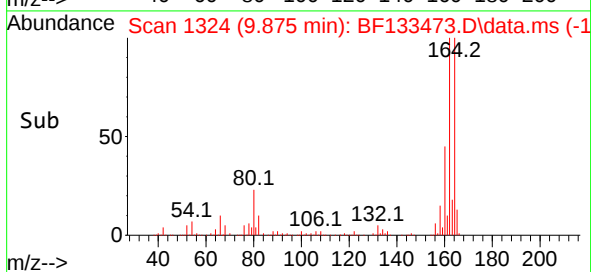
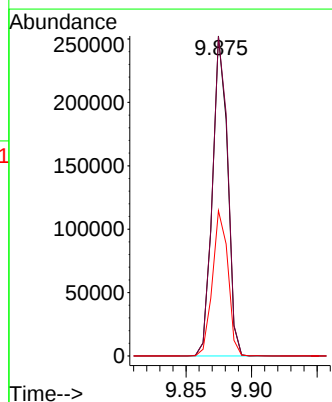
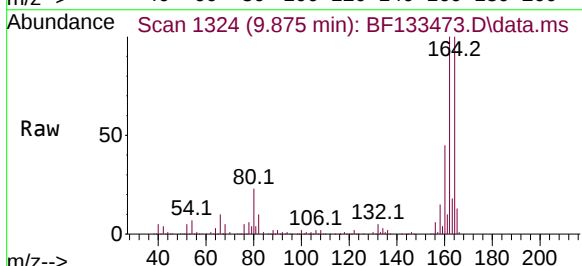
Tgt Ion:164 Resp: 202209

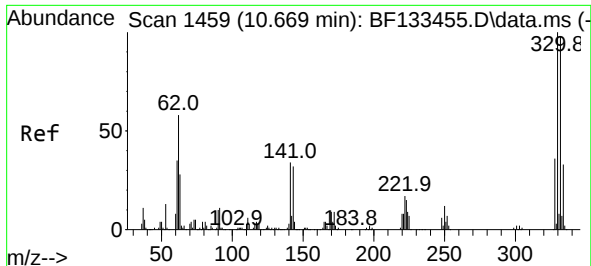
Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.6

160 45.4 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 148.262 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133473.D

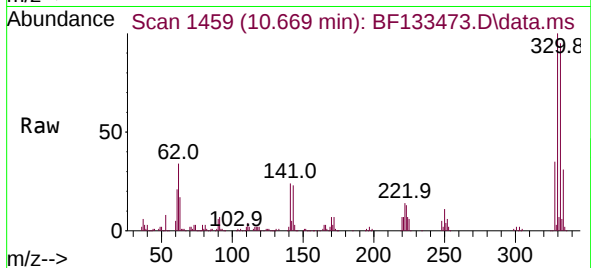
Acq: 24 May 2023 16:26

Instrument :

BNA_F

ClientSampleId :

TP-29



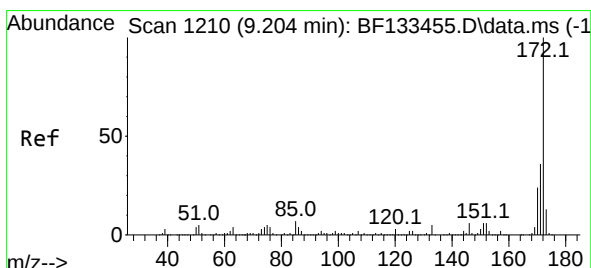
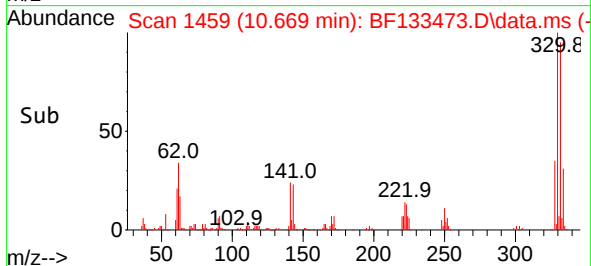
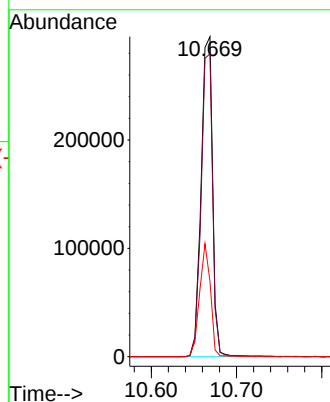
Tgt Ion:330 Resp: 276942

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

141 33.4 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 76.340 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF133473.D

Acq: 24 May 2023 16:26

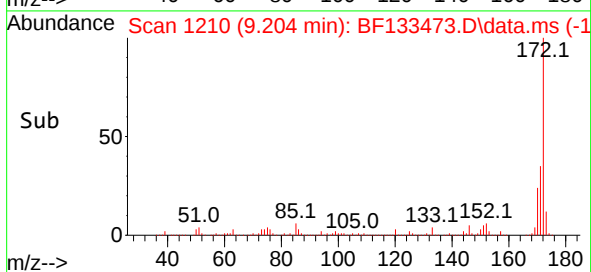
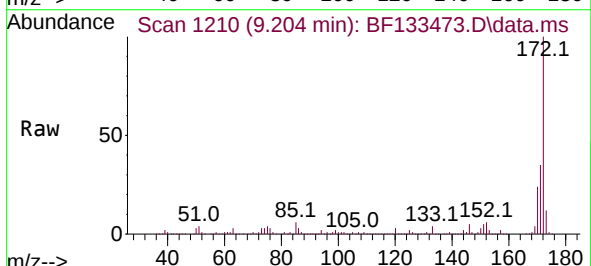
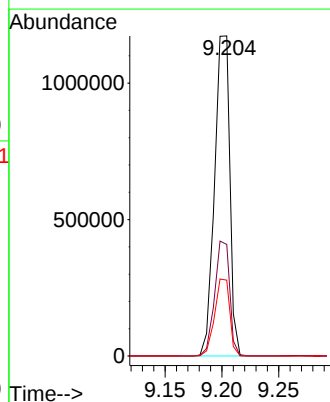
Tgt Ion:172 Resp: 1097197

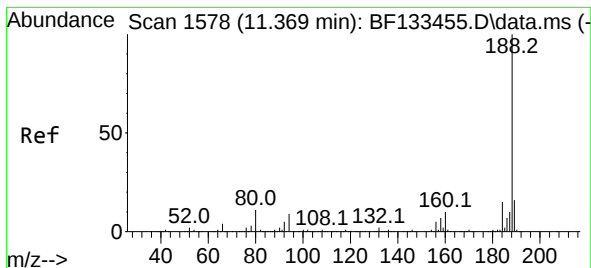
Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133473.D

Acq: 24 May 2023 16:26

Instrument :

BNA_F

ClientSampleId :

TP-29

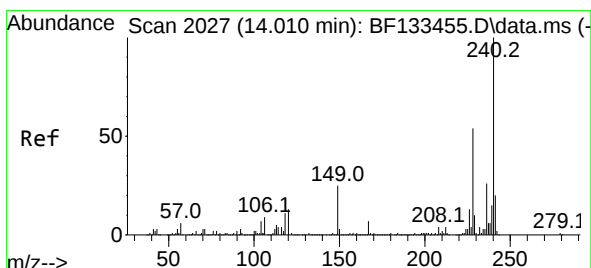
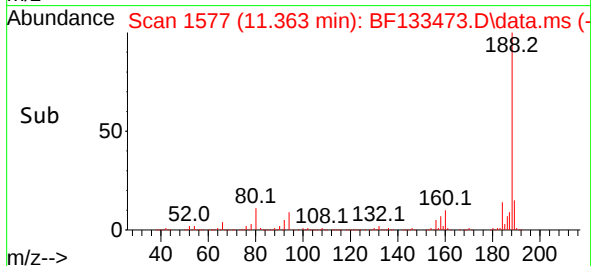
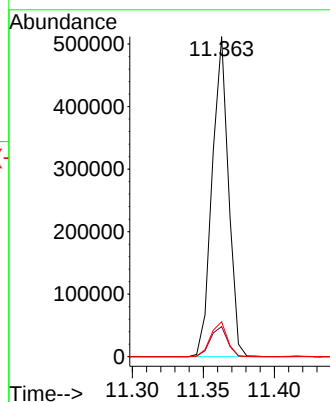
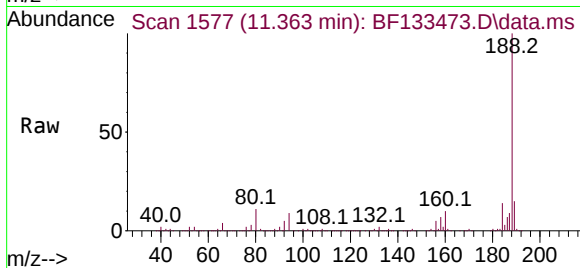
Tgt Ion:188 Resp: 408617

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 10.9 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133473.D

Acq: 24 May 2023 16:26

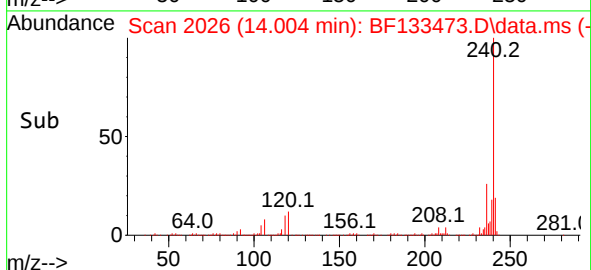
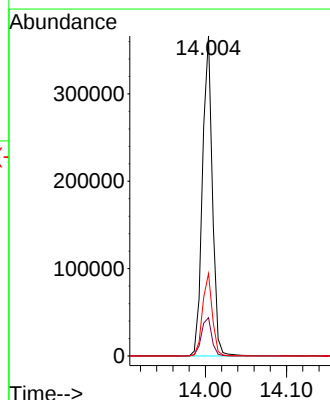
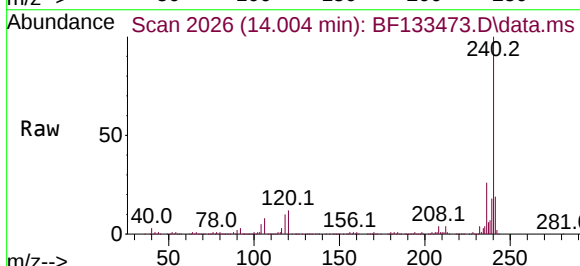
Tgt Ion:240 Resp: 310969

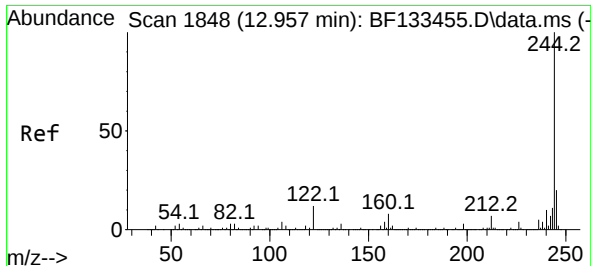
Ion Ratio Lower Upper

240 100

120 12.0 10.2 15.4

236 25.8 20.9 31.3

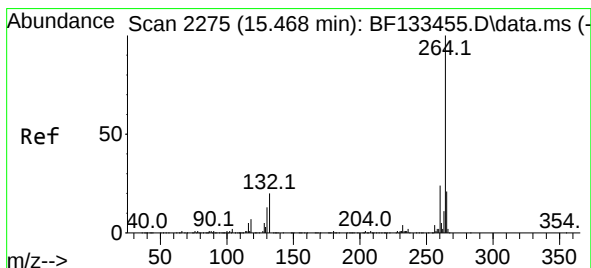
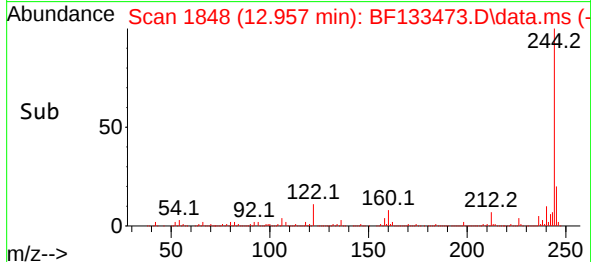
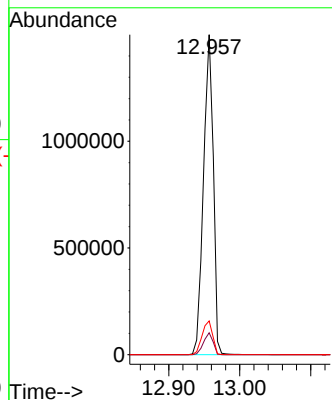
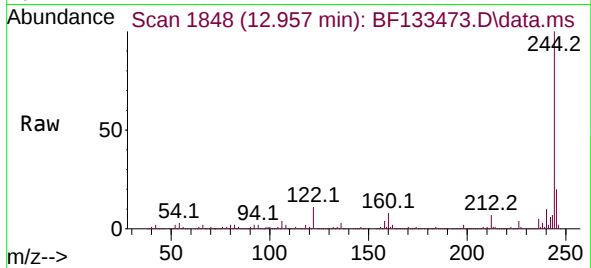




#79
 Terphenyl-d14
 Concen: 88.667 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133473.D
 Acq: 24 May 2023 16:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-29

Tgt Ion:244 Resp: 1442156
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.5 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133473.D
 Acq: 24 May 2023 16:26

Tgt Ion:264 Resp: 253388
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.2 17.0 25.4

