

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136376.D
 Acq On : 04 Dec 2023 12:05
 Operator : CG\JU
 Sample : PB157389BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157389BL

Quant Time: Dec 04 12:52:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	155490	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	665770	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	356574	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	734407	20.000	ng	0.00
76) Chrysene-d12	13.974	240	489540	20.000	ng	-0.02
86) Perylene-d12	15.457	264	342601	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1303075	116.643	ng	0.01
7) Phenol-d6	6.440	99	1641144	117.489	ng	0.00
23) Nitrobenzene-d5	7.363	82	999938	79.367	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	563757	129.319	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	2094700	75.035	ng	-0.01
79) Terphenyl-d14	12.927	244	2923370	68.882	ng	0.00

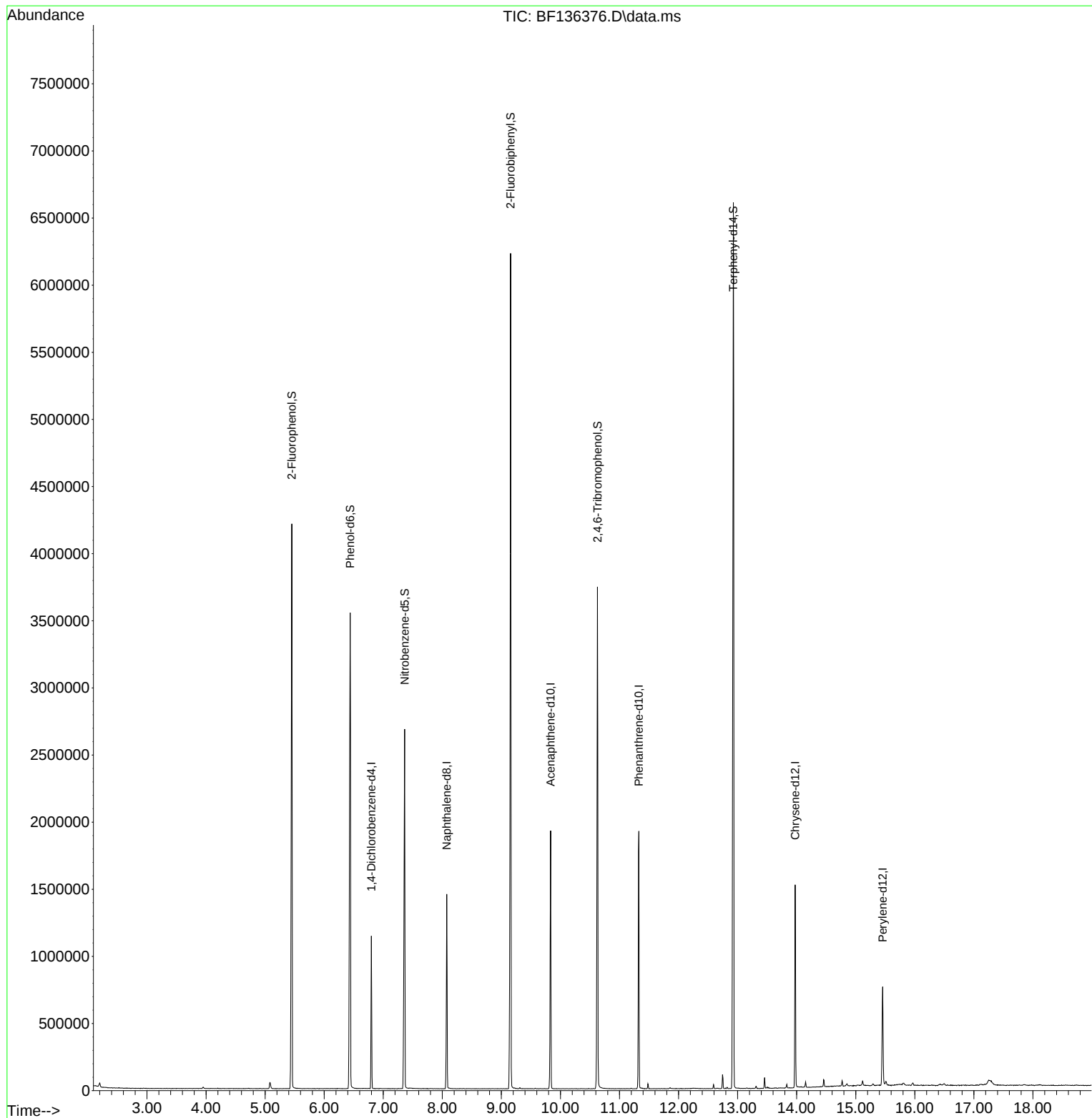
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
Data File : BF136376.D
Acq On : 04 Dec 2023 12:05
Operator : CG\JU
Sample : PB157389BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB157389BL

Quant Time: Dec 04 12:52:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

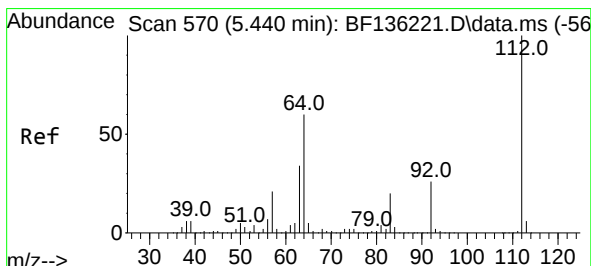
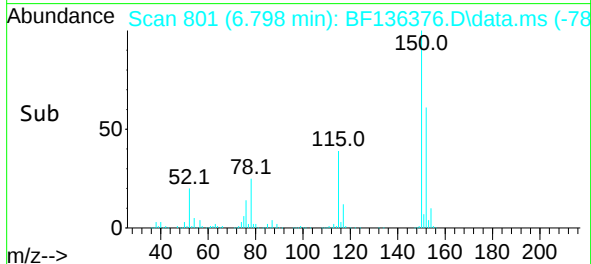
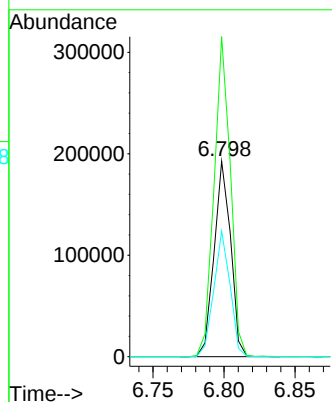
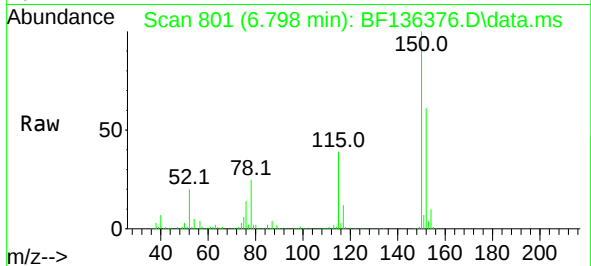




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

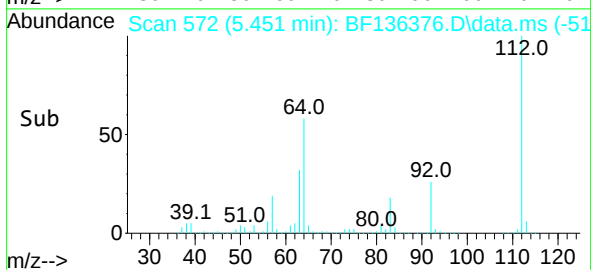
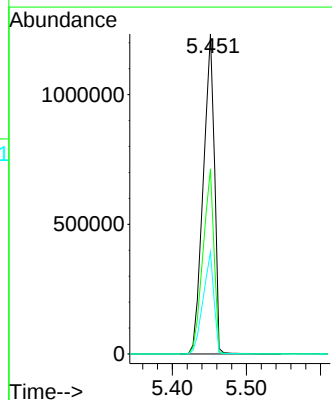
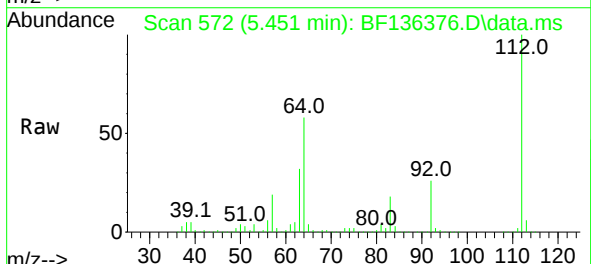
Instrument :
BNA_F
ClientSampleId :
PB157389BL

Tgt Ion:152 Resp: 155490
Ion Ratio Lower Upper
152 100
150 163.6 137.8 206.8
115 64.2 52.7 79.1



#5
2-Fluorophenol
Concen: 116.643 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

Tgt Ion:112 Resp: 1303075
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.4
63 31.8 27.0 40.6

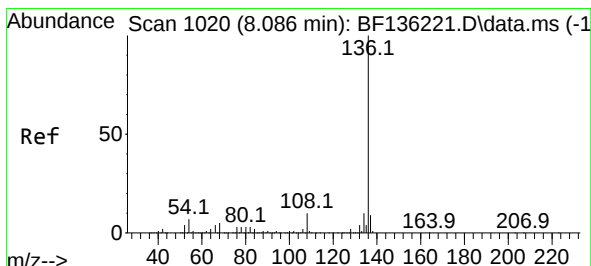
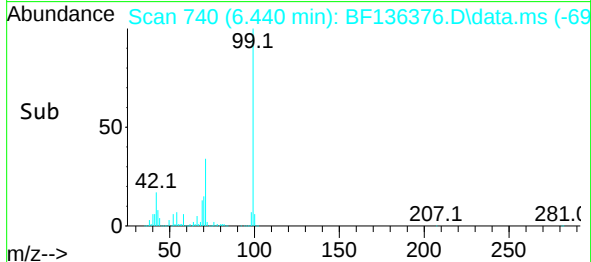
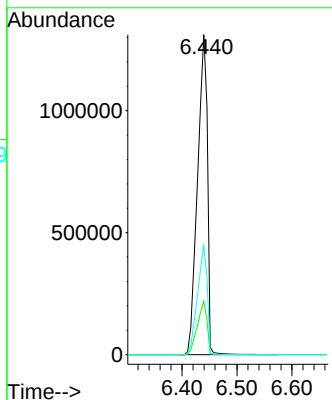
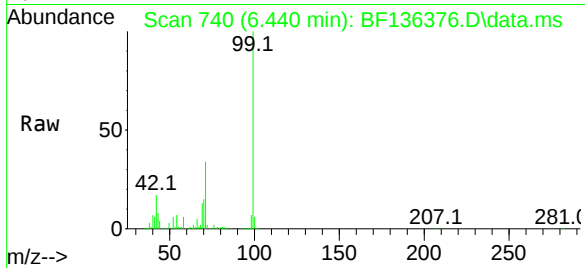




#7
Phenol-d6
Concen: 117.489 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

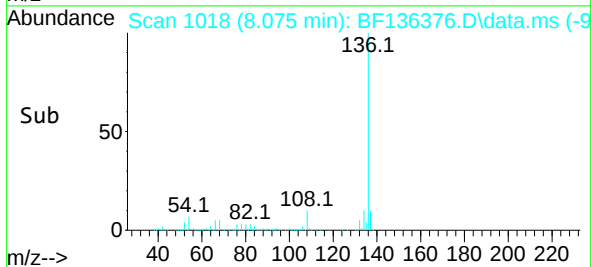
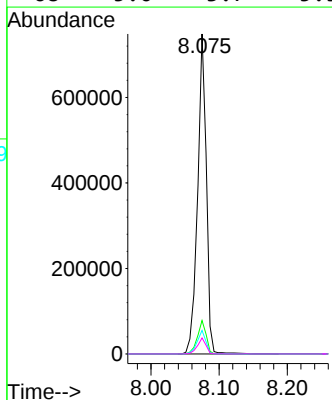
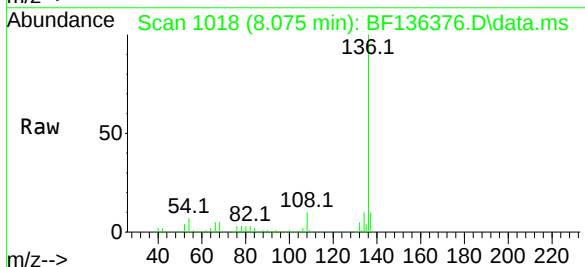
Instrument :
BNA_F
ClientSampleId :
PB157389BL

Tgt Ion: 99 Resp: 1641144
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.6
71 34.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

Tgt Ion: 136 Resp: 665770
Ion Ratio Lower Upper
136 100
137 10.5 7.4 11.2
54 7.4 5.5 8.3
68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 79.367 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136376.D

Acq: 04 Dec 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB157389BL

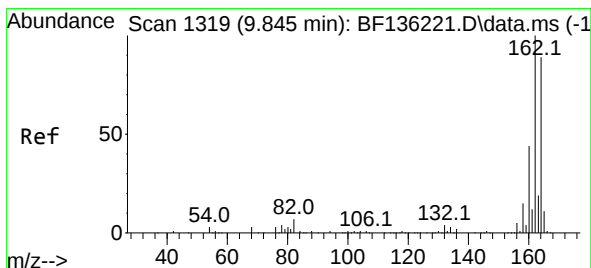
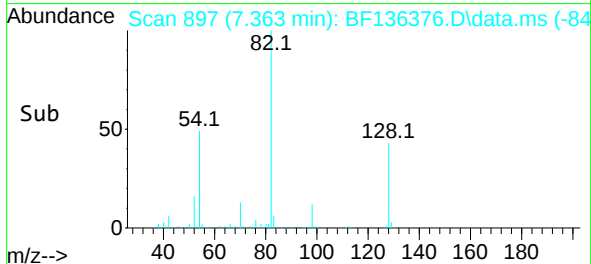
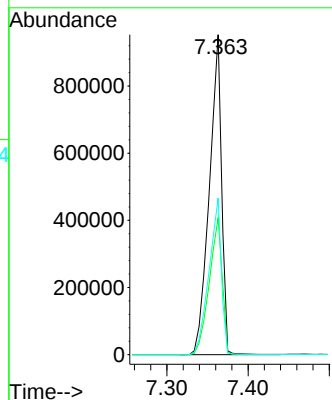
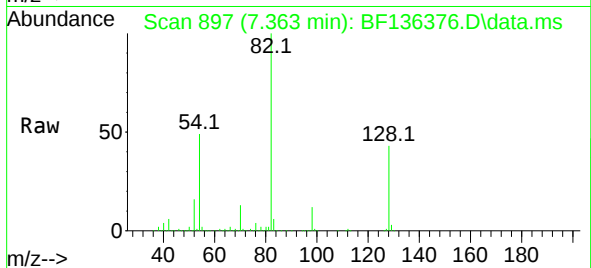
Tgt Ion: 82 Resp: 999938

Ion Ratio Lower Upper

82 100

128 42.8 33.4 50.2

54 49.0 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF136376.D

Acq: 04 Dec 2023 12:05

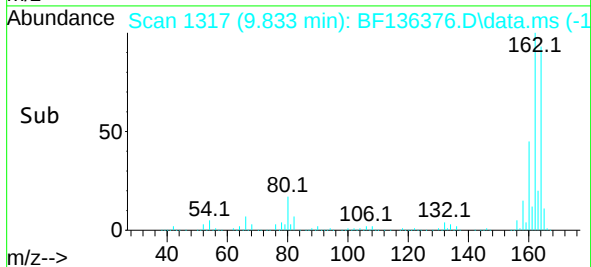
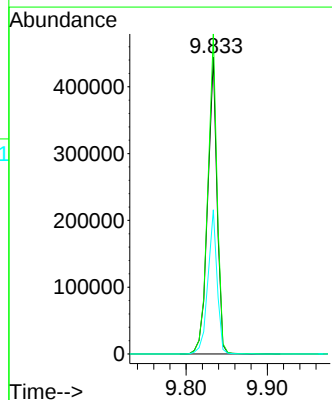
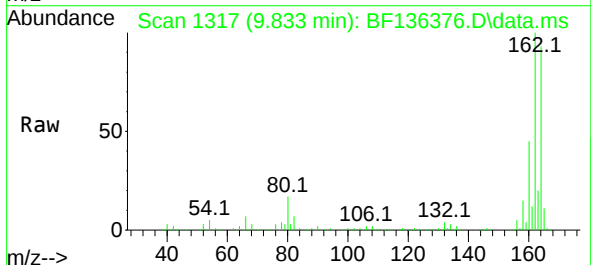
Tgt Ion: 164 Resp: 356574

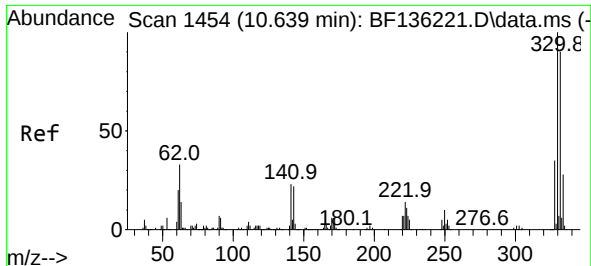
Ion Ratio Lower Upper

164 100

162 107.8 89.5 134.3

160 48.6 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 129.319 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF136376.D

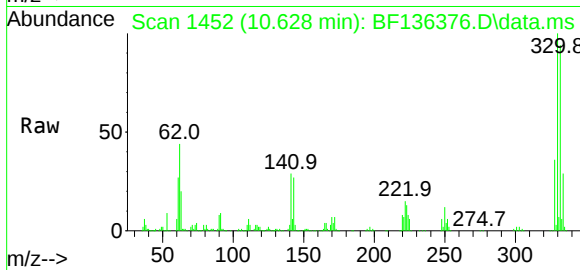
Acq: 04 Dec 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB157389BL



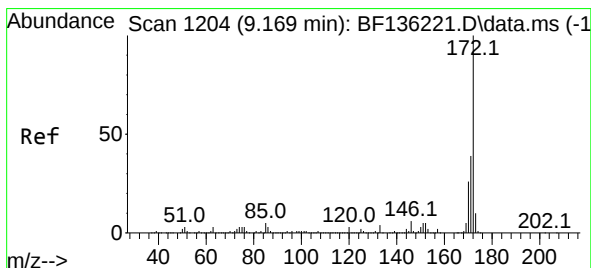
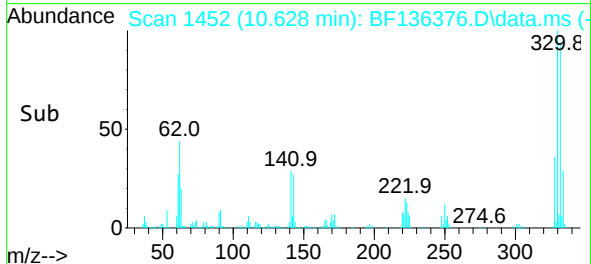
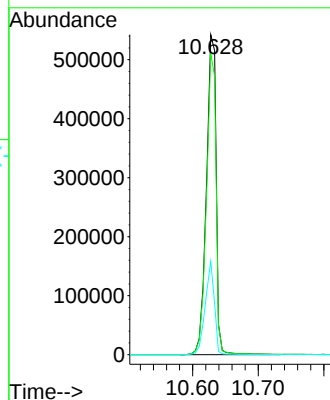
Tgt Ion:330 Resp: 563757

Ion Ratio Lower Upper

330 100

332 93.2 73.0 109.6

141 27.6 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 75.035 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136376.D

Acq: 04 Dec 2023 12:05

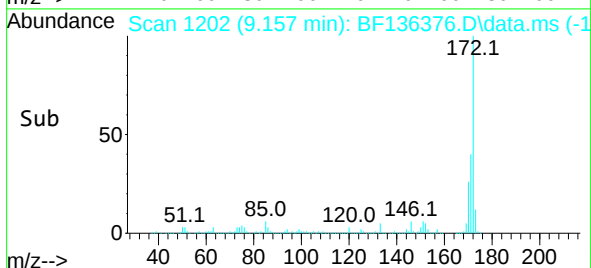
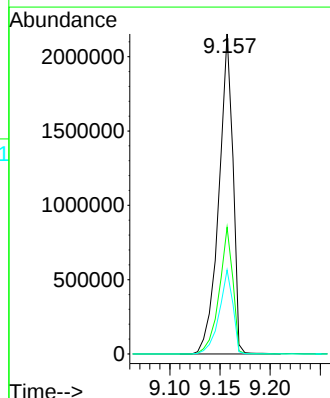
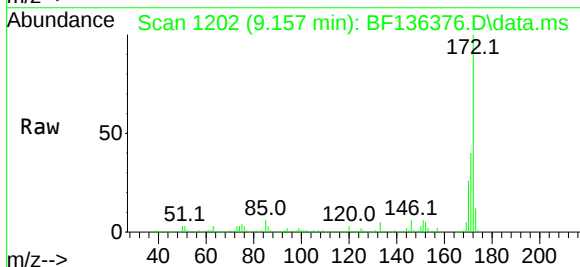
Tgt Ion:172 Resp: 2094700

Ion Ratio Lower Upper

172 100

171 39.6 31.5 47.3

170 26.3 20.8 31.2

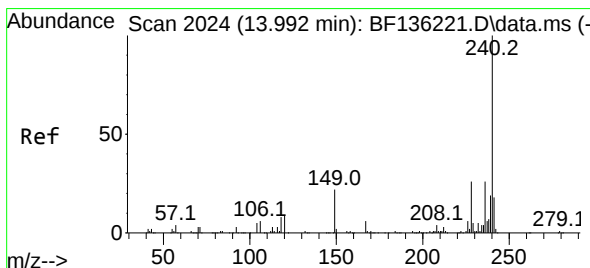
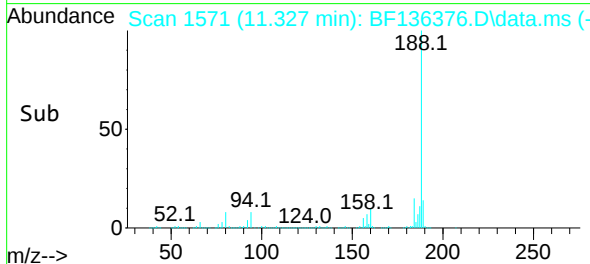
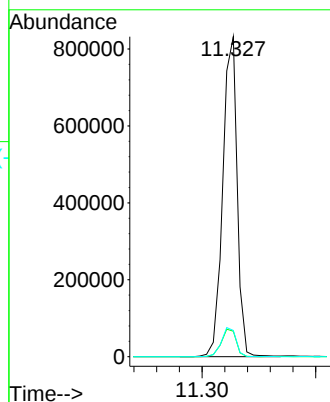
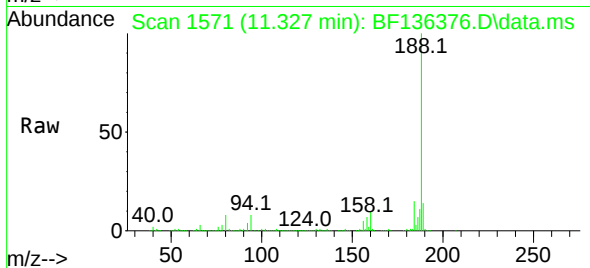




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

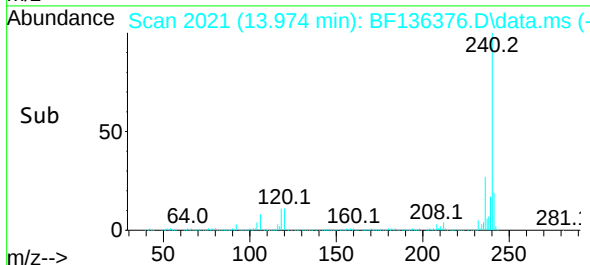
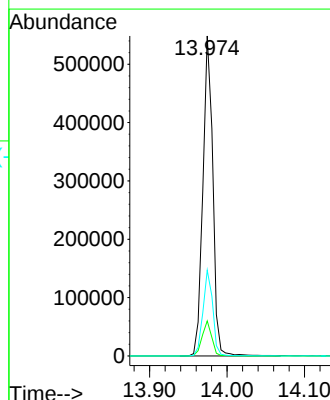
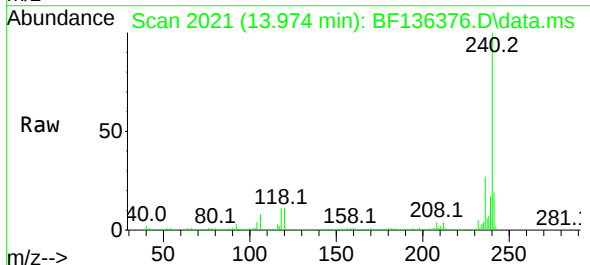
Instrument :
BNA_F
ClientSampleId :
PB157389BL

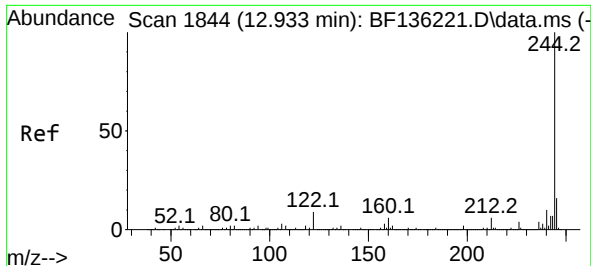
Tgt Ion:188 Resp: 734407
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.018 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

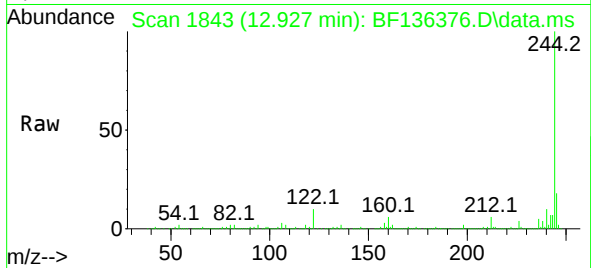
Tgt Ion:240 Resp: 489540
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.2
236 26.8 21.1 31.7



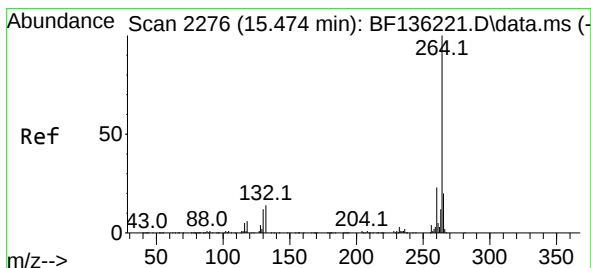
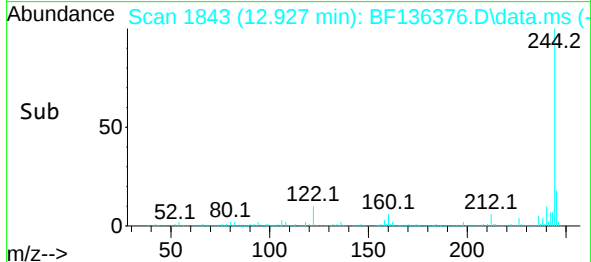
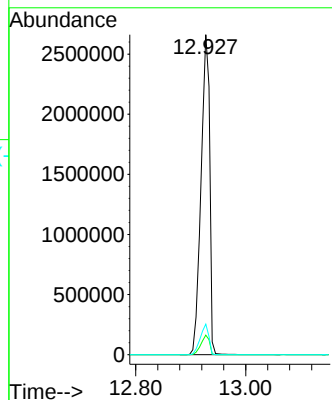


#79
 Terphenyl-d14
 Concen: 68.882 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136376.D
 Acq: 04 Dec 2023 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB157389BL



Tgt Ion:244 Resp: 2923370
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.6 7.0
 122 9.6 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.017 min
 Lab File: BF136376.D
 Acq: 04 Dec 2023 12:05

Tgt Ion:264 Resp: 342601
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 20.5 15.7 23.5

