

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136228.D
 Acq On : 27 Nov 2023 18:20
 Operator : CG\JU
 Sample : 05470-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 28 04:09:31 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	6.804	152	133759	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	582840	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	292651	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	510725	20.000	ng	0.00
76) Chrysene-d12	13.980	240	239328	20.000	ng	-0.01
86) Perylene-d12	15.462	264	238489	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	469287	48.832	ng	0.00
7) Phenol-d6	6.428	99	344019	28.630	ng	-0.02
23) Nitrobenzene-d5	7.363	82	873464	79.193	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	383960	107.314	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1716172	74.904	ng	0.00
79) Terphenyl-d14	12.927	244	1128730	54.401	ng	0.00

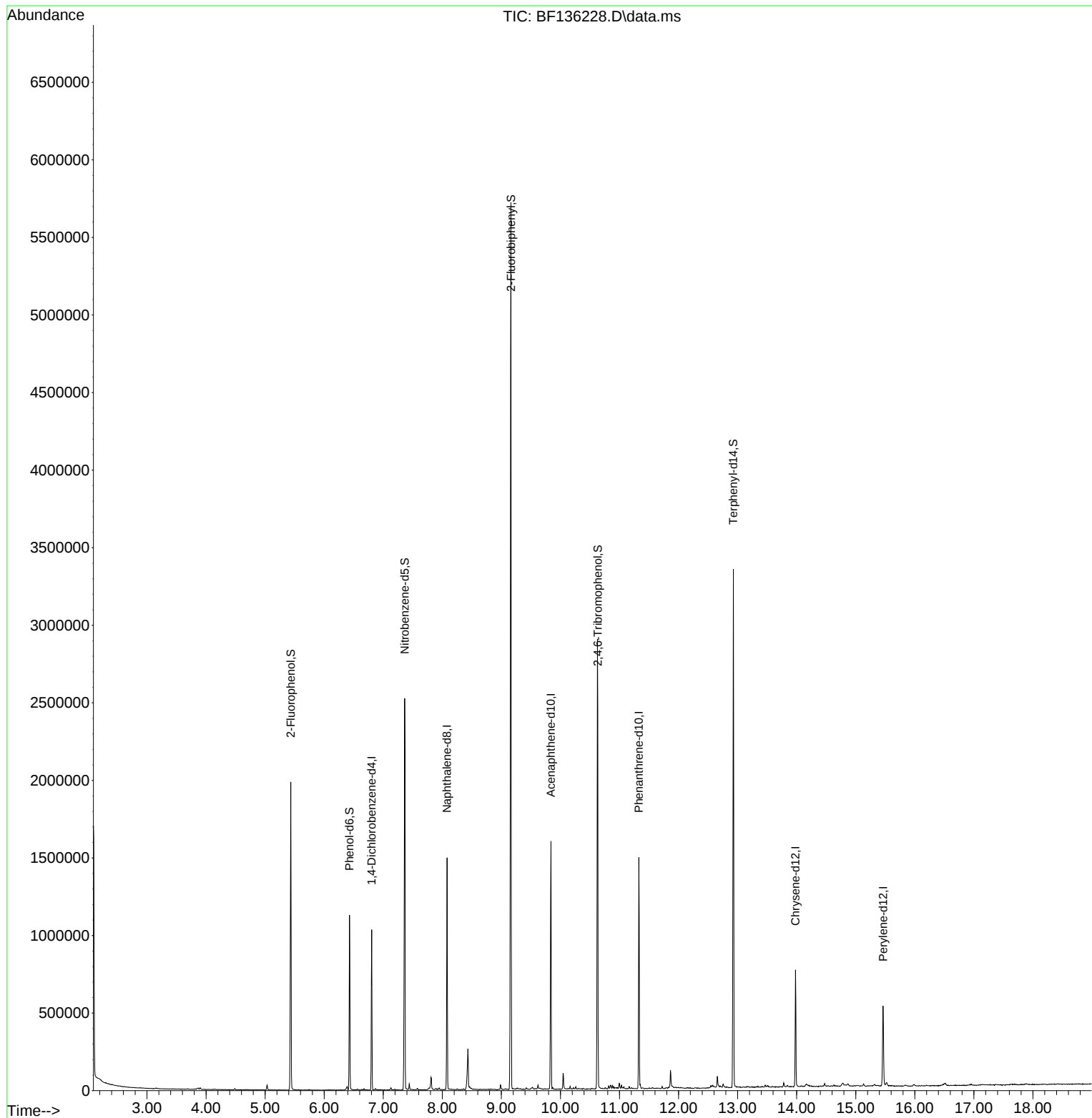
Target Compounds	Qvalue

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

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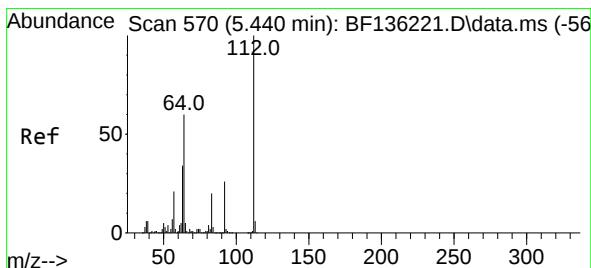
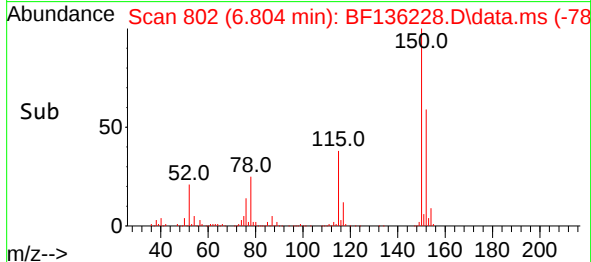
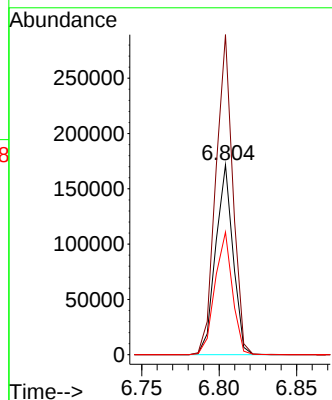
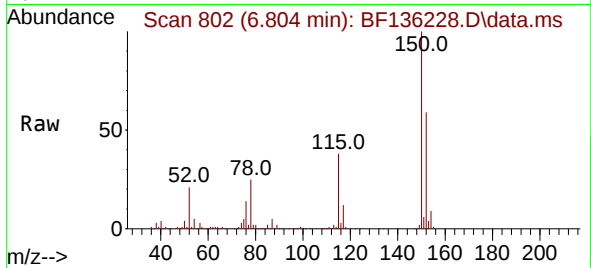




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

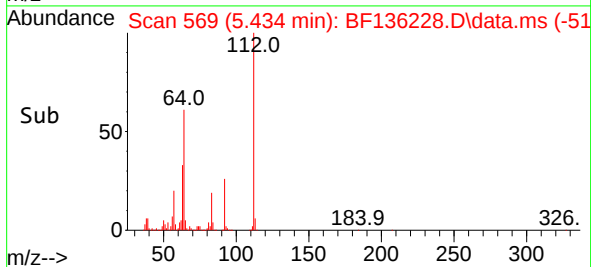
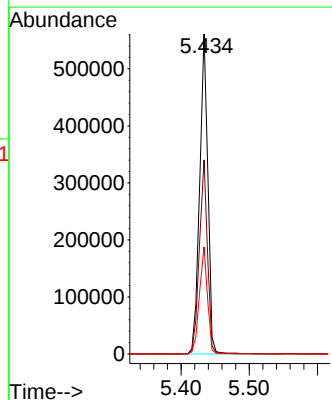
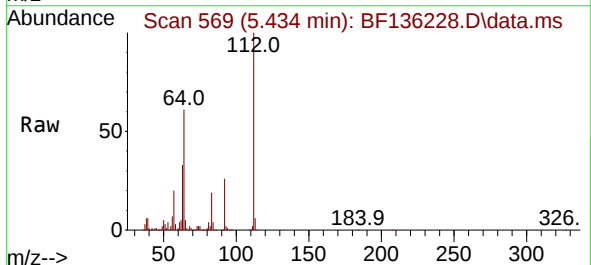
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 133759
Ion Ratio Lower Upper
152 100
150 168.4 137.8 206.8
115 64.5 52.7 79.1



#5
2-Fluorophenol
Concen: 48.832 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion:112 Resp: 469287
Ion Ratio Lower Upper
112 100
64 60.7 48.2 72.4
63 33.4 27.0 40.6

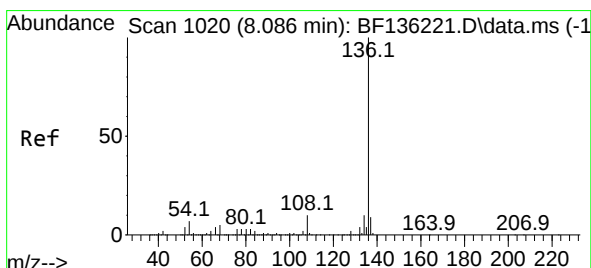
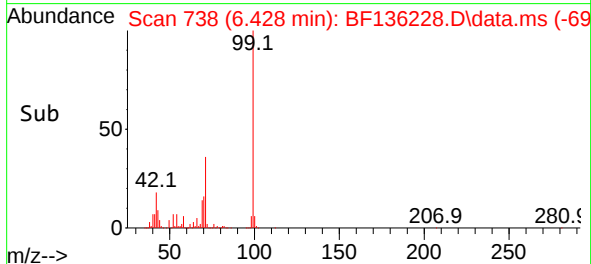
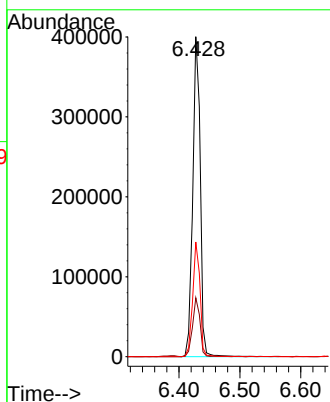
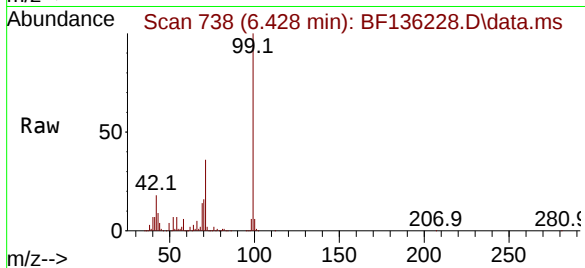




#7
Phenol-d6
Concen: 28.630 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

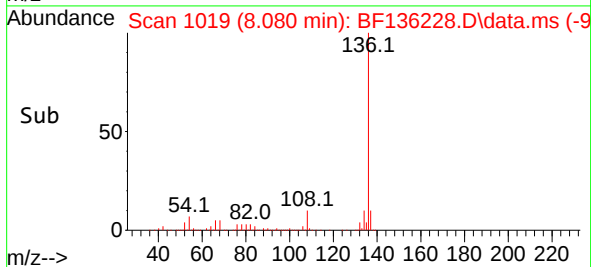
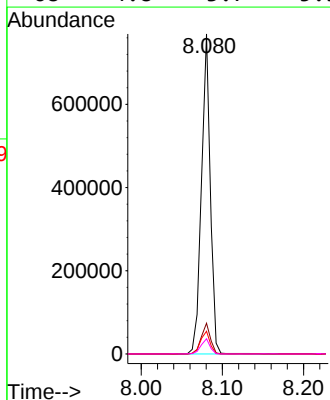
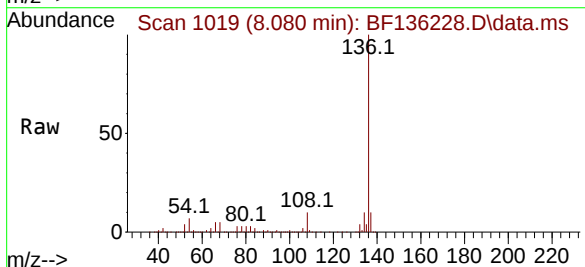
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 344019
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.6
71 35.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion: 136 Resp: 582840
Ion Ratio Lower Upper
136 100
137 9.6 7.4 11.2
54 7.1 5.5 8.3
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 79.193 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136228.D

Acq: 27 Nov 2023 18:20

Instrument :

BNA_F

ClientSampleId :

TP-1

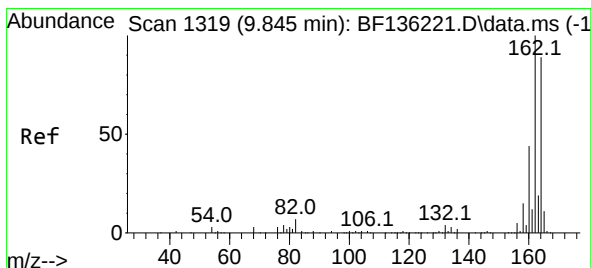
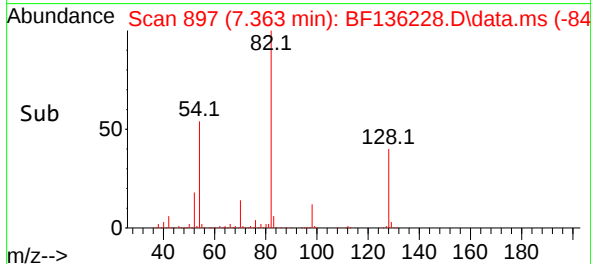
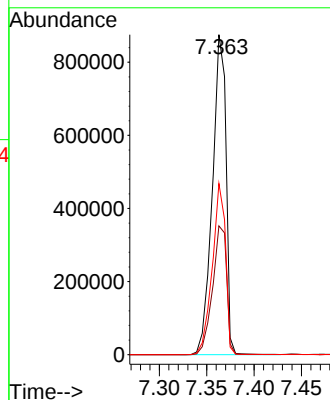
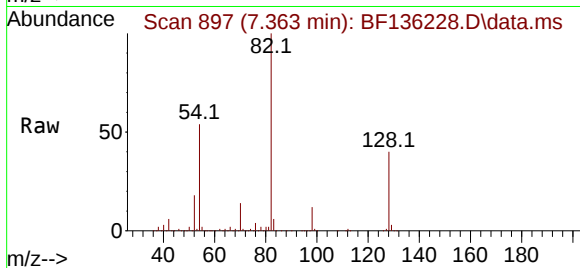
Tgt Ion: 82 Resp: 873464

Ion Ratio Lower Upper

82 100

128 40.2 33.4 50.2

54 53.5 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136228.D

Acq: 27 Nov 2023 18:20

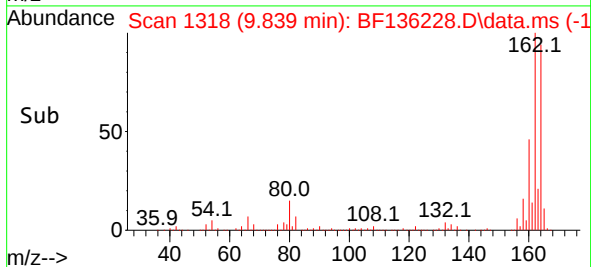
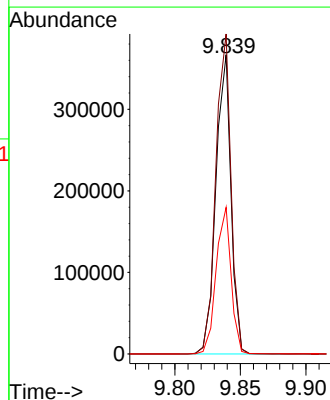
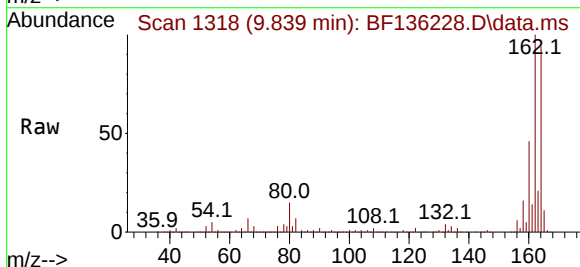
Tgt Ion:164 Resp: 292651

Ion Ratio Lower Upper

164 100

162 106.9 89.5 134.3

160 49.0 39.6 59.4

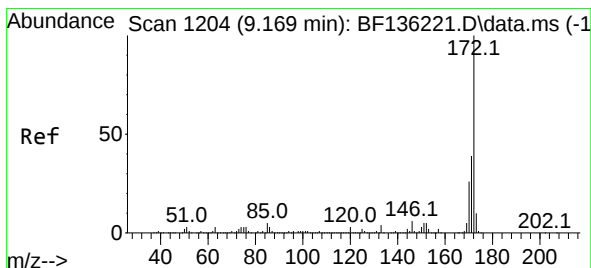
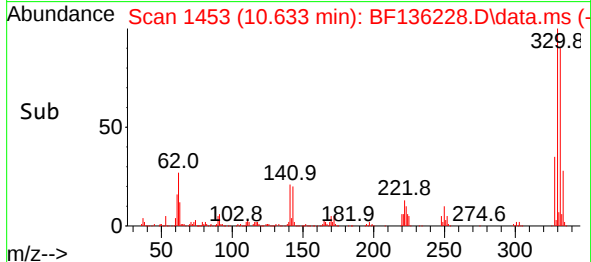
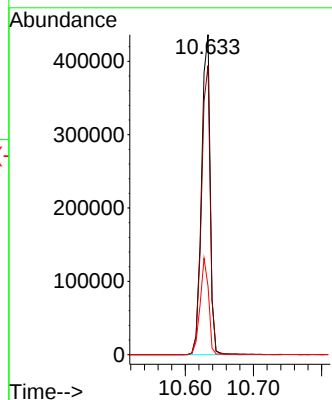
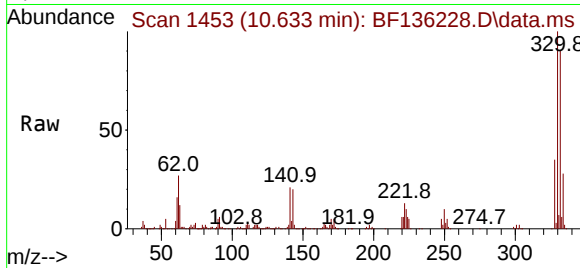




#42
2,4,6-Tribromophenol
Concen: 107.314 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

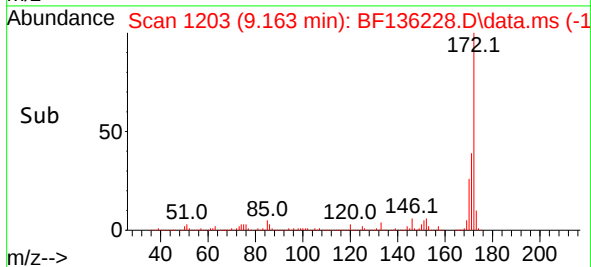
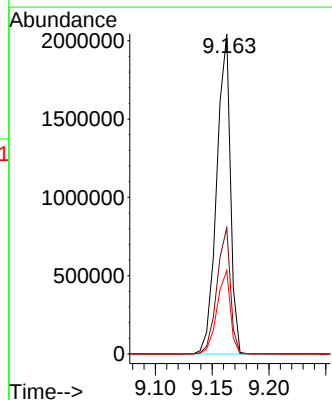
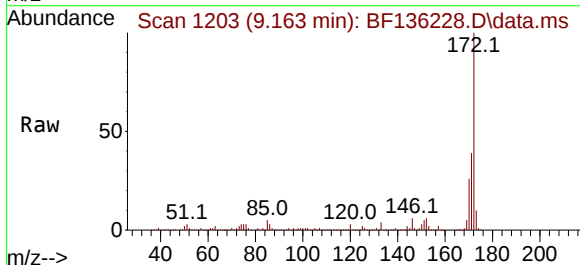
Instrument :
BNA_F
ClientSampleId :
TP-1

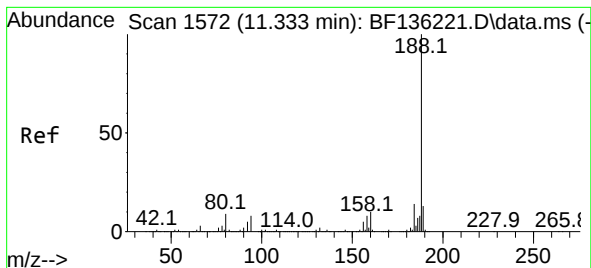
Tgt Ion:330 Resp: 383960
Ion Ratio Lower Upper
330 100
332 91.3 73.0 109.6
141 29.8 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 74.904 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion:172 Resp: 1716172
Ion Ratio Lower Upper
172 100
171 39.4 31.5 47.3
170 26.1 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: BF136228.D

Acq: 27 Nov 2023 18:20

Instrument :

BNA_F

ClientSampleId :

TP-1

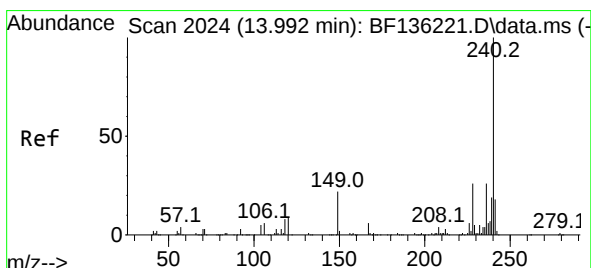
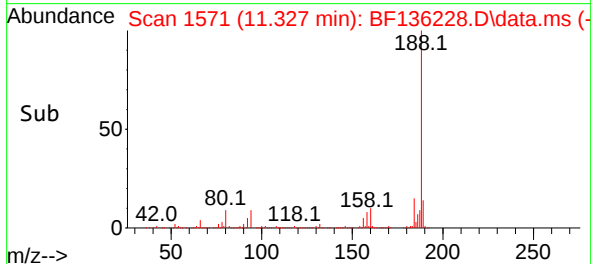
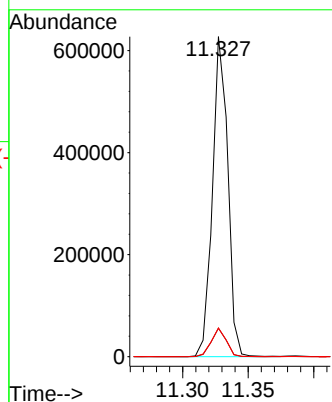
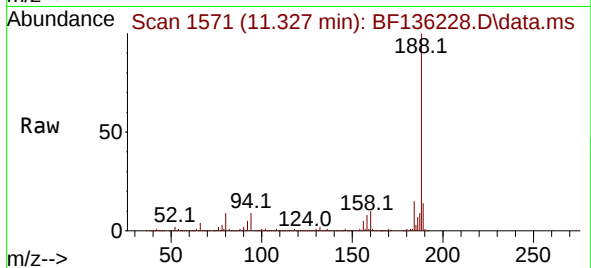
Tgt Ion:188 Resp: 510725

Ion Ratio Lower Upper

188 100

94 8.9 6.7 10.1

80 9.0 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136228.D

Acq: 27 Nov 2023 18:20

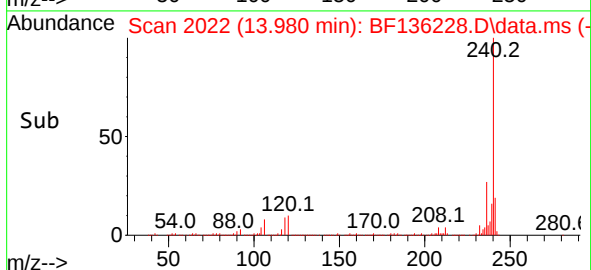
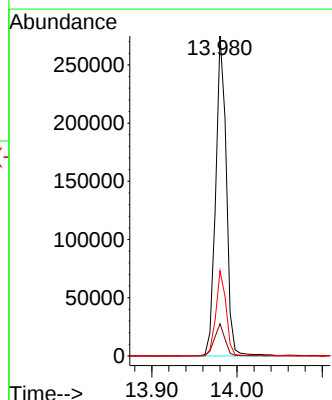
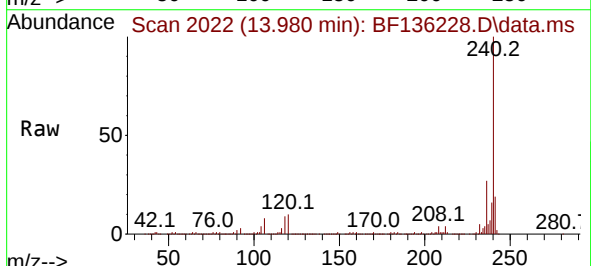
Tgt Ion:240 Resp: 239328

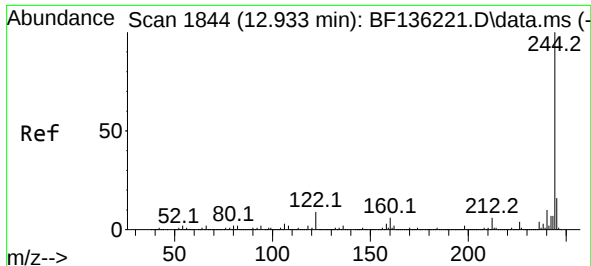
Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.2

236 26.6 21.1 31.7





#79

Terphenyl-d14

Concen: 54.401 ng

RT: 12.927 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136228.D

Acq: 27 Nov 2023 18:20

Instrument :

BNA_F

ClientSampleId :

TP-1

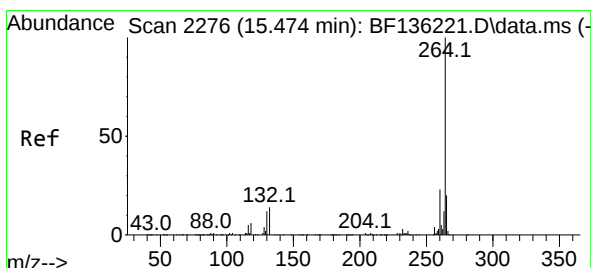
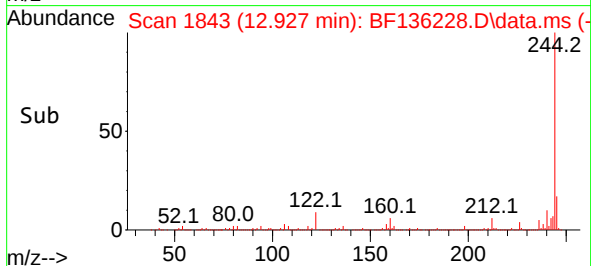
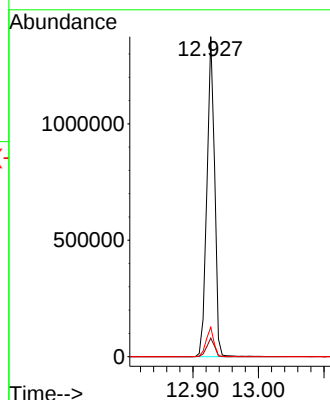
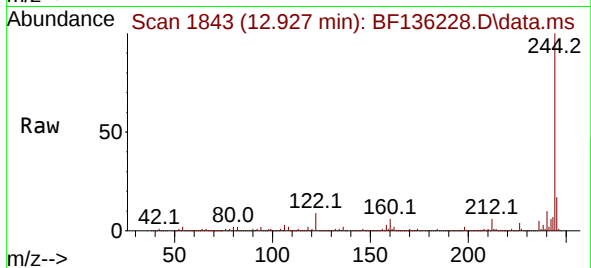
Tgt Ion:244 Resp: 1128730

Ion Ratio Lower Upper

244 100

212 5.8 4.6 7.0

122 9.2 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF136228.D

Acq: 27 Nov 2023 18:20

Tgt Ion:264 Resp: 238489

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 20.9 15.7 23.5

