

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136357.D
 Acq On : 02 Dec 2023 02:54
 Operator : CG\JU
 Sample : 05489-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-SP-3-E2

Quant Time: Dec 02 03:31:20 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	133119	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	552164	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	265942	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	378944	20.000	ng	0.00
76) Chrysene-d12	13.980	240	241625	20.000	ng	-0.01
86) Perylene-d12	15.462	264	247028	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	985031	102.992	ng	0.02
7) Phenol-d6	6.445	99	1114427	93.189	ng	0.00
23) Nitrobenzene-d5	7.369	82	832313	79.654	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	300165	92.320	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1713528	82.300	ng	0.00
79) Terphenyl-d14	12.927	244	1296173	61.878	ng	0.00

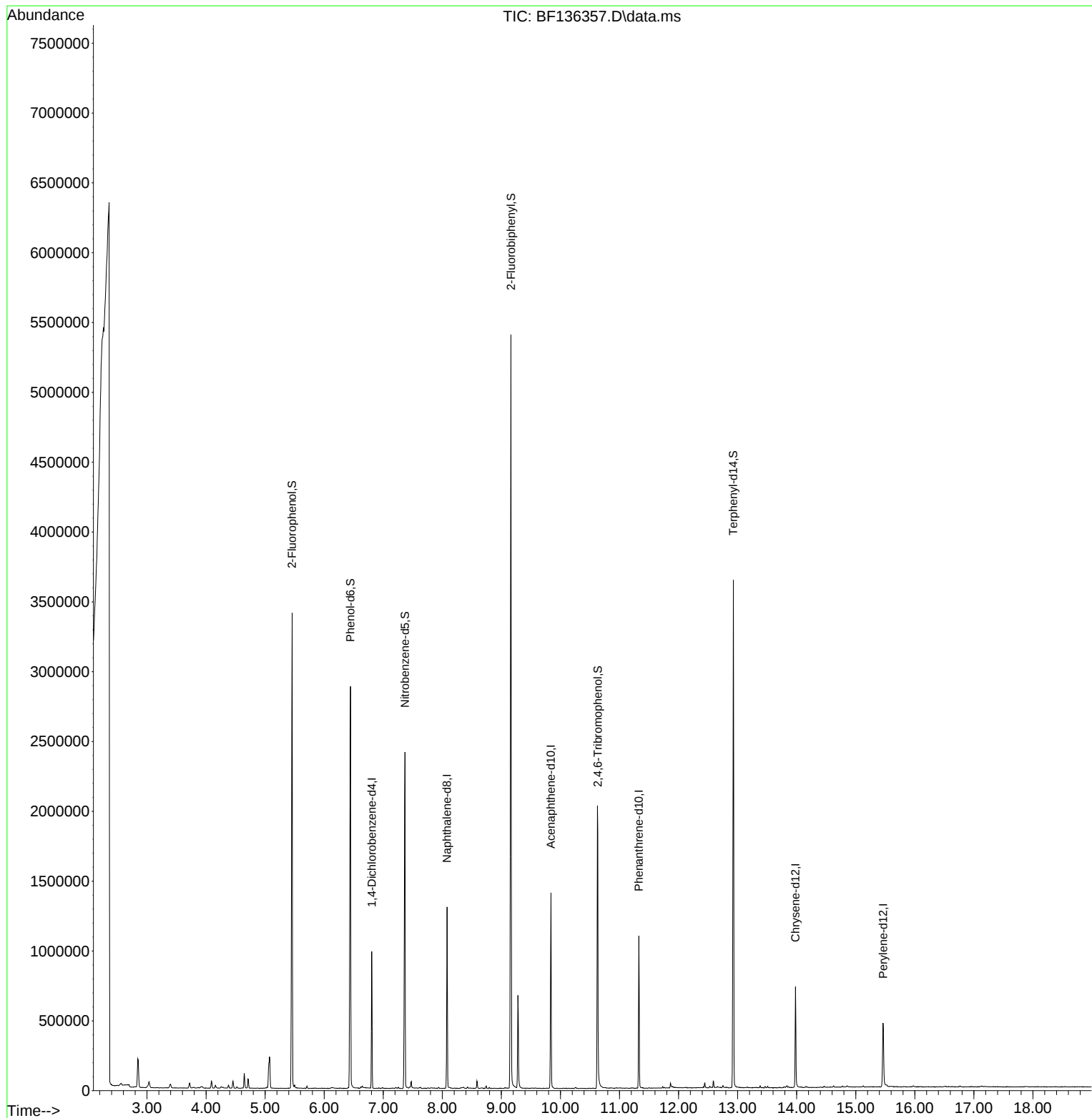
Target Compounds	Qvalue

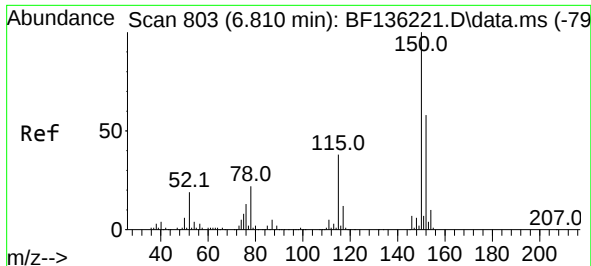
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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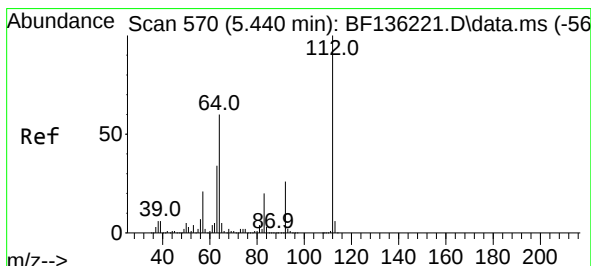
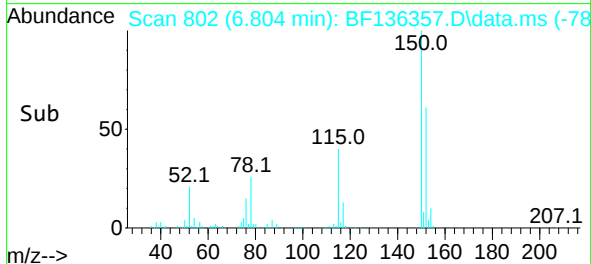
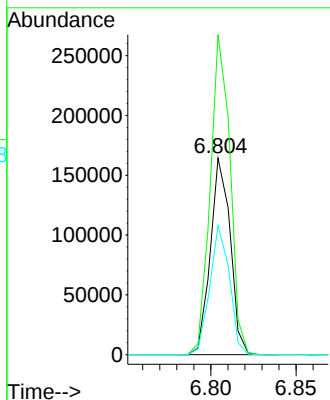
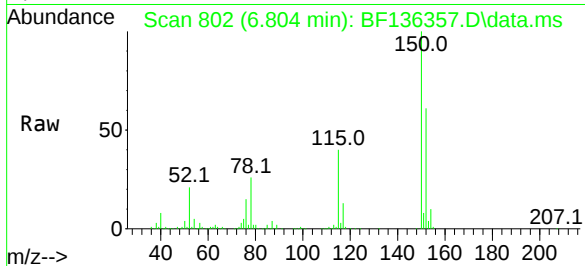




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

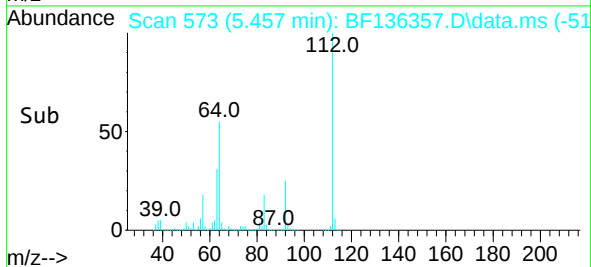
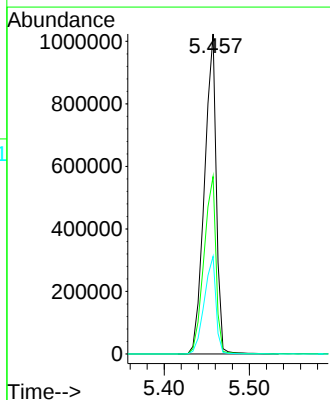
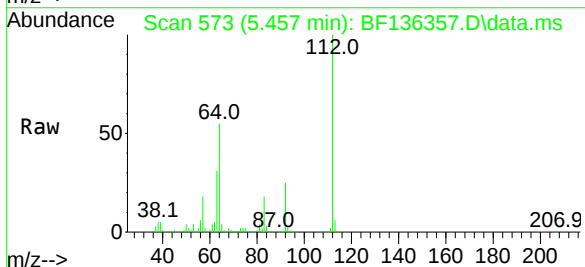
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

Tgt Ion:152 Resp: 133119
Ion Ratio Lower Upper
152 100
150 162.8 137.8 206.8
115 65.7 52.7 79.1



#5
2-Fluorophenol
Concen: 102.992 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion:112 Resp: 985031
Ion Ratio Lower Upper
112 100
64 55.4 48.2 72.4
63 30.5 27.0 40.6

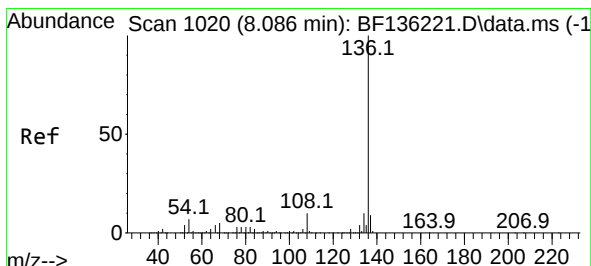
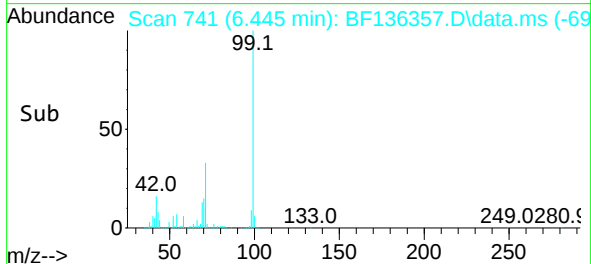
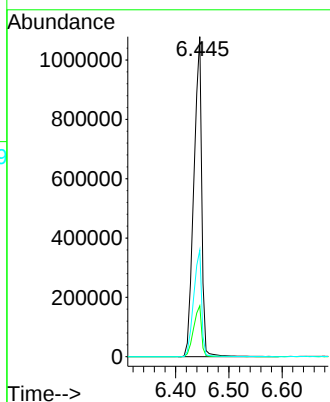
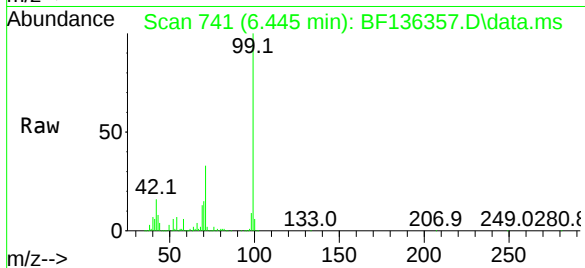




#7
Phenol-d6
Concen: 93.189 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

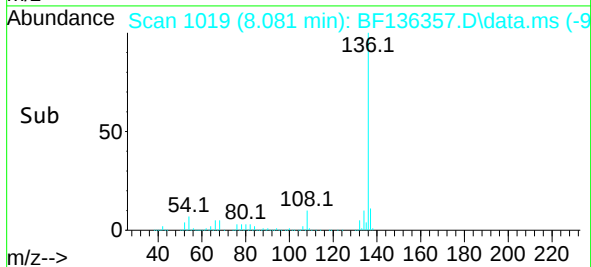
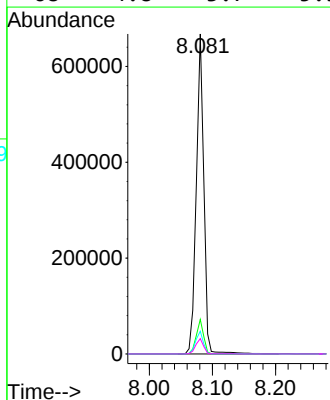
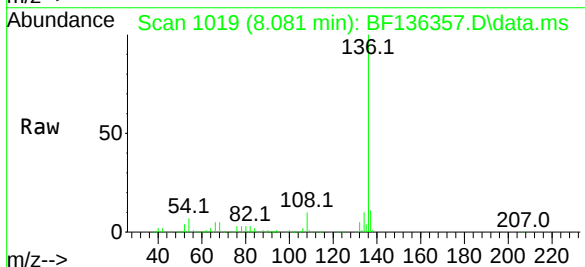
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

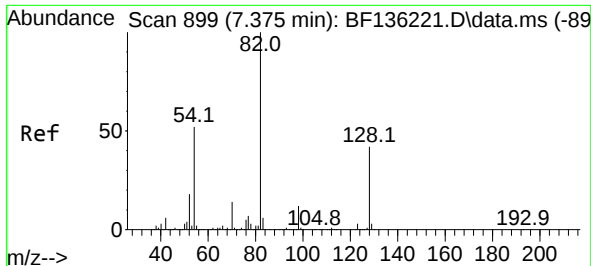
Tgt Ion: 99 Resp: 1114427
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.6
71 33.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion: 136 Resp: 552164
Ion Ratio Lower Upper
136 100
137 10.8 7.4 11.2
54 7.1 5.5 8.3
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 79.654 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136357.D

Acq: 02 Dec 2023 02:54

Instrument :

BNA_F

ClientSampleId :

TRACKS-SP-3-E2

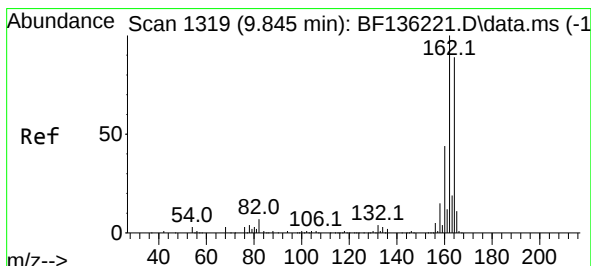
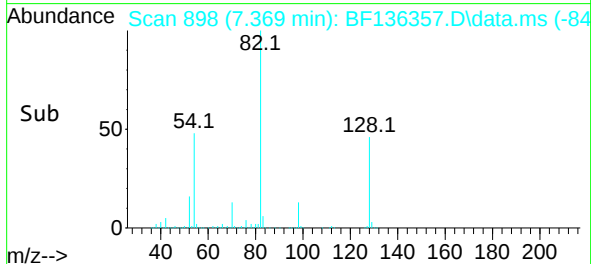
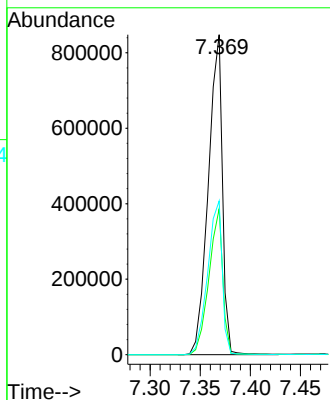
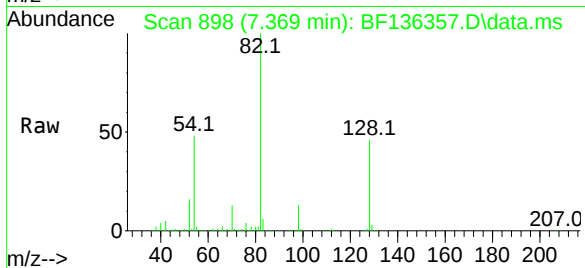
Tgt Ion: 82 Resp: 832313

Ion Ratio Lower Upper

82 100

128 45.6 33.4 50.2

54 48.0 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: BF136357.D

Acq: 02 Dec 2023 02:54

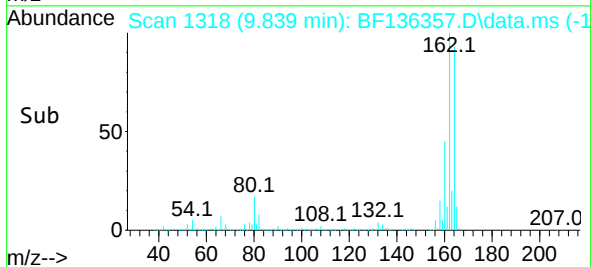
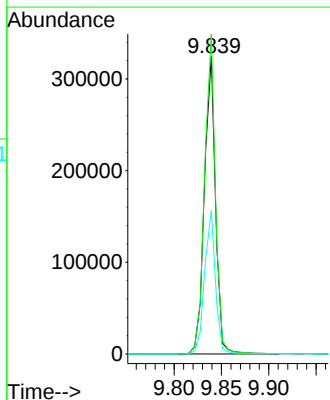
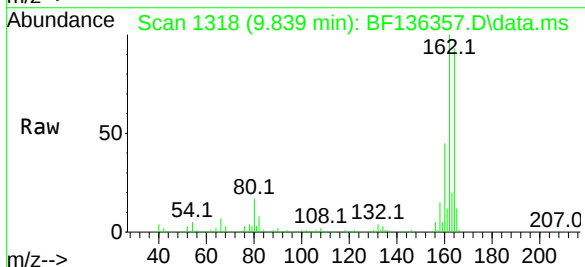
Tgt Ion:164 Resp: 265942

Ion Ratio Lower Upper

164 100

162 107.6 89.5 134.3

160 48.2 39.6 59.4

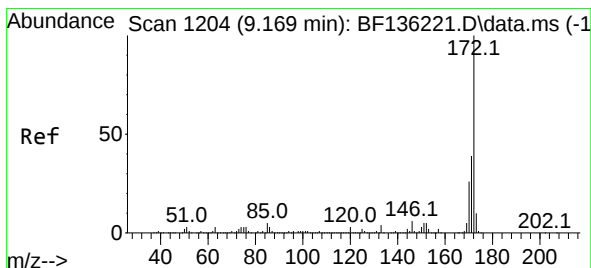
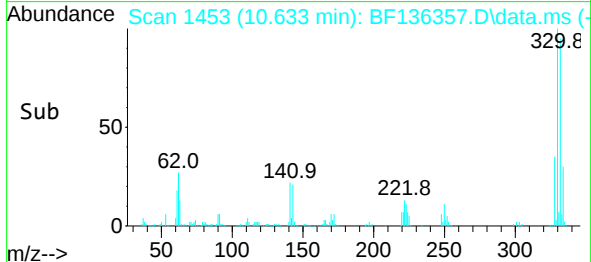
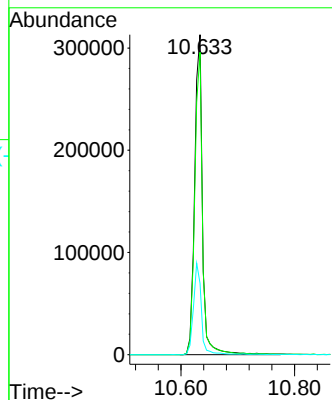
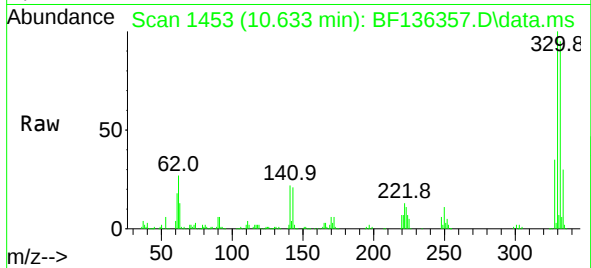




#42
2,4,6-Tribromophenol
Concen: 92.320 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

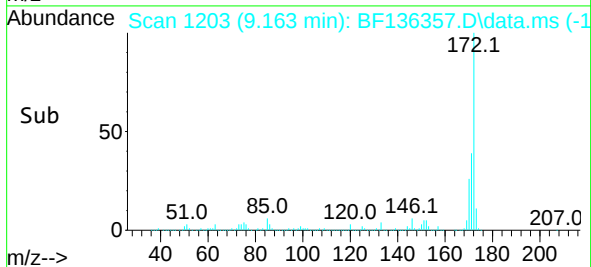
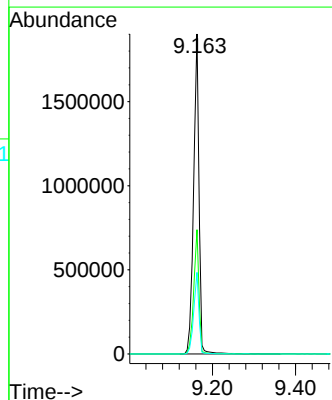
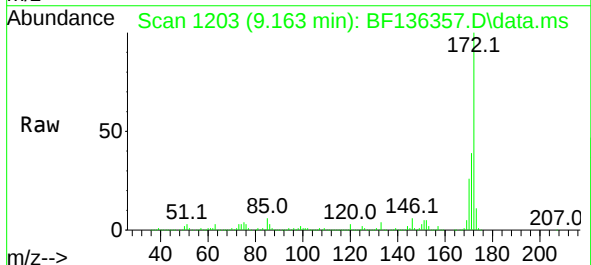
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

Tgt Ion:330 Resp: 300165
Ion Ratio Lower Upper
330 100
332 94.2 73.0 109.6
141 28.6 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 82.300 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion:172 Resp: 1713528
Ion Ratio Lower Upper
172 100
171 38.9 31.5 47.3
170 25.5 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136357.D

Acq: 02 Dec 2023 02:54

Instrument :

BNA_F

ClientSampleId :

TRACKS-SP-3-E2

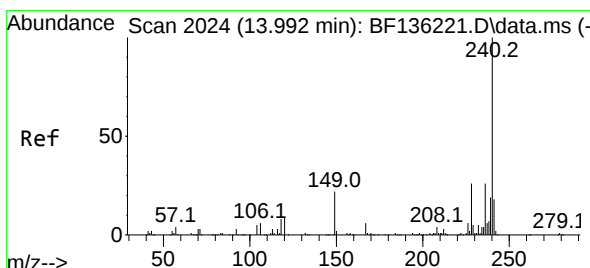
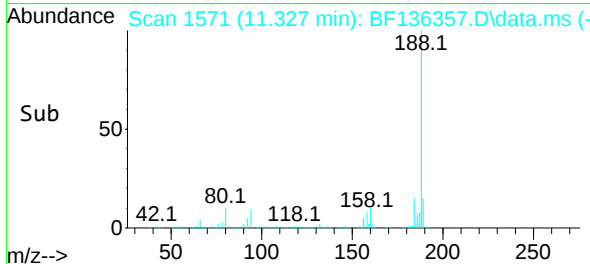
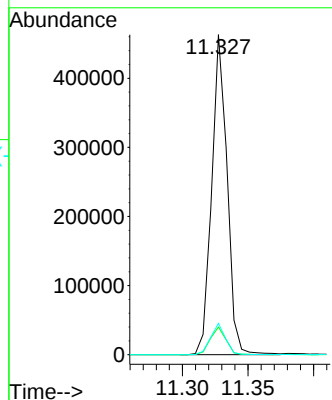
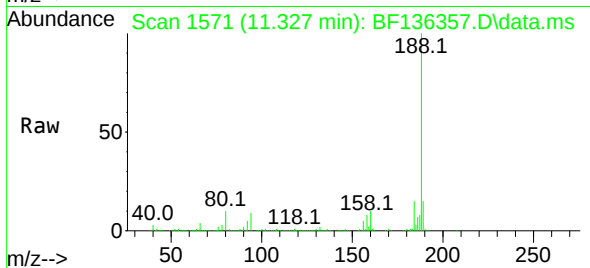
Tgt Ion:188 Resp: 378944

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

80 9.8 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: BF136357.D

Acq: 02 Dec 2023 02:54

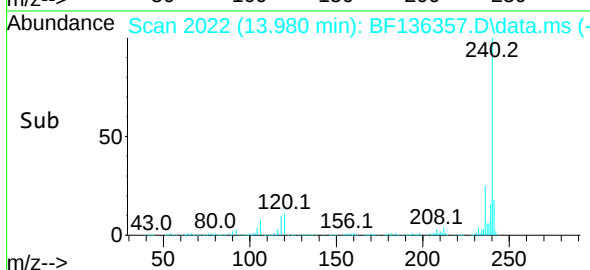
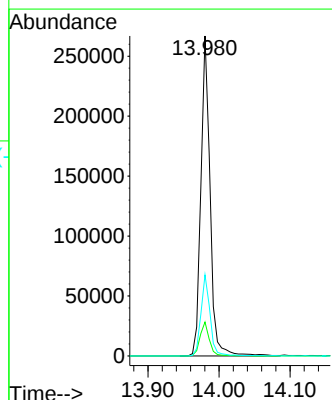
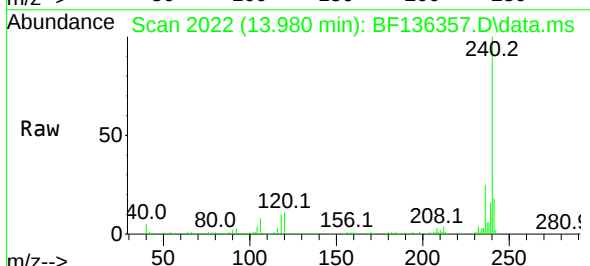
Tgt Ion:240 Resp: 241625

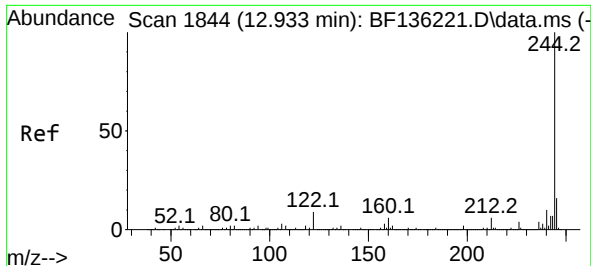
Ion Ratio Lower Upper

240 100

120 10.6 7.4 11.2

236 25.4 21.1 31.7

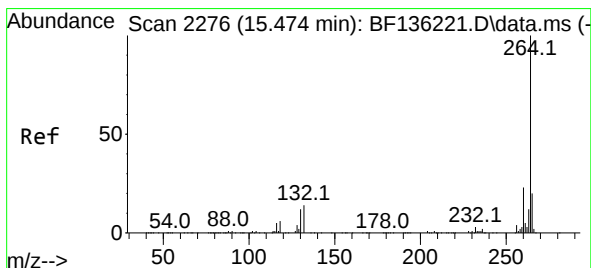
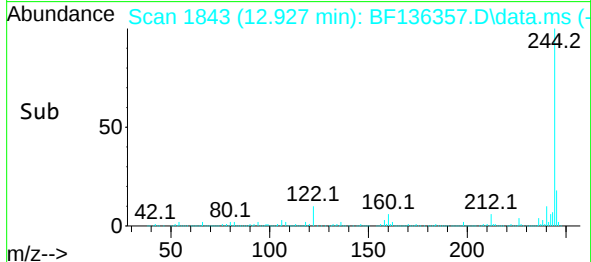
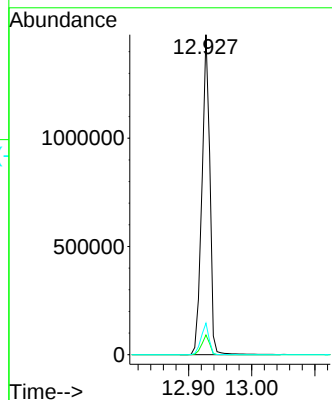
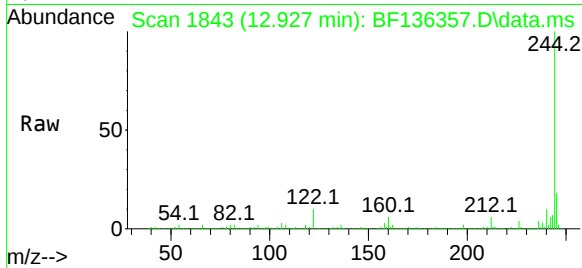




#79
 Terphenyl-d14
 Concen: 61.878 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136357.D
 Acq: 02 Dec 2023 02:54

Instrument :
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 TRACKS-SP-3-E2

Tgt Ion:244 Resp: 1296173
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.6 7.0
 122 9.9 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: BF136357.D
 Acq: 02 Dec 2023 02:54

Tgt Ion:264 Resp: 247028
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 20.8 15.7 23.5

