

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136257.D
 Acq On : 28 Nov 2023 19:29
 Operator : CG\JU
 Sample : 05539-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-112223

Quant Time: Nov 29 00:48:40 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	148381	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	572144	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	253613	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	348290	20.000	ng	0.00
76) Chrysene-d12	13.980	240	295169	20.000	ng	-0.01
86) Perylene-d12	15.462	264	296156	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	838804	78.682	ng	0.00
7) Phenol-d6	6.439	99	1022646	76.719	ng	0.00
23) Nitrobenzene-d5	7.363	82	629531	58.144	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	191605	61.795	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1189080	59.887	ng	-0.01
79) Terphenyl-d14	12.927	244	924755	36.138	ng	0.00

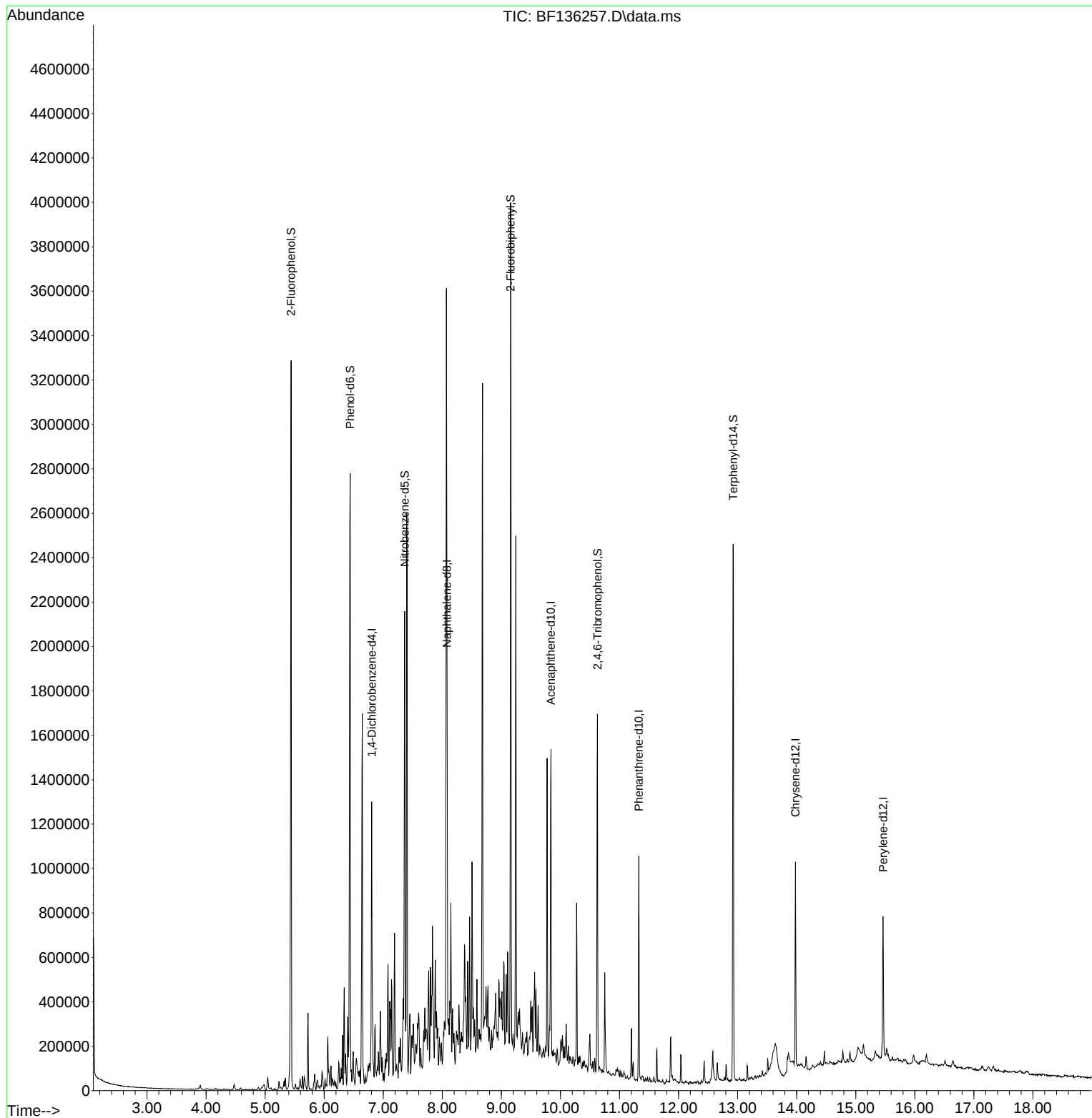
Target Compounds	Qvalue

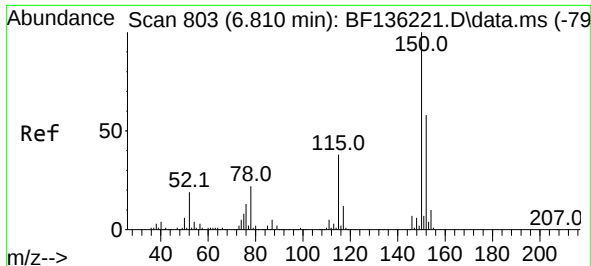
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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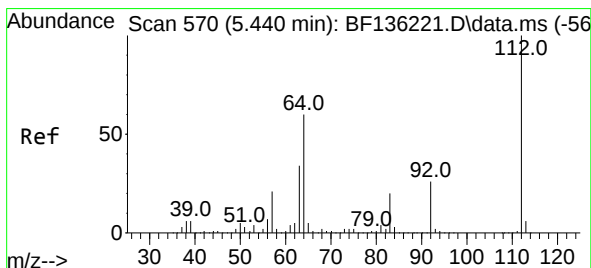
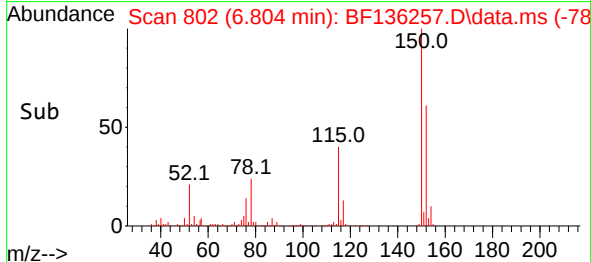
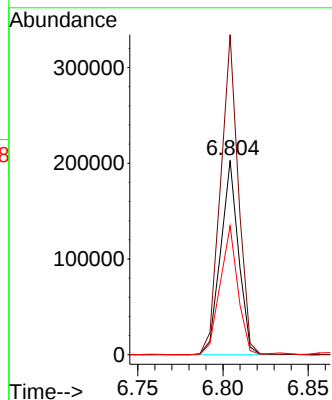
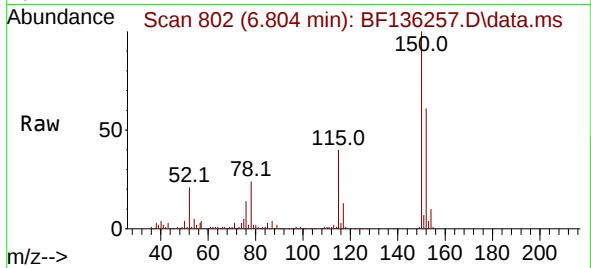




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

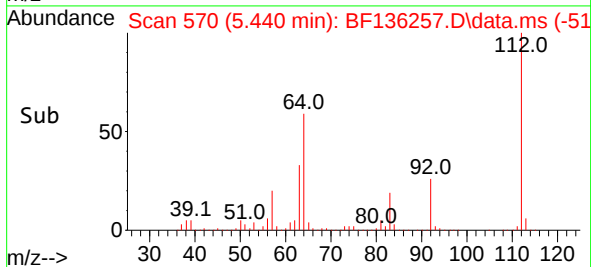
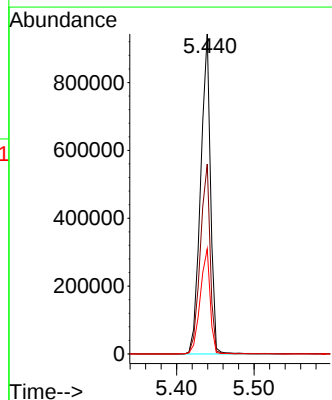
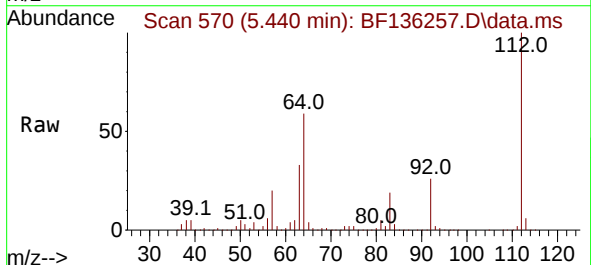
Instrument :
BNA_F
ClientSampleId :
EO-03-112223

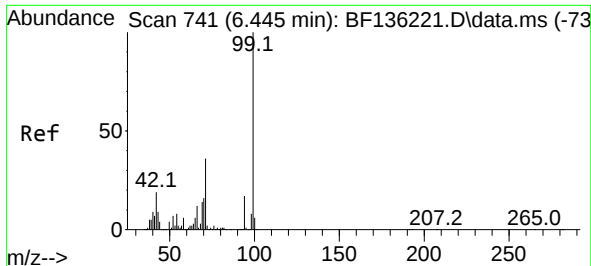
Tgt Ion:152 Resp: 148381
Ion Ratio Lower Upper
152 100
150 164.7 137.8 206.8
115 66.3 52.7 79.1



#5
2-Fluorophenol
Concen: 78.682 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

Tgt Ion:112 Resp: 838804
Ion Ratio Lower Upper
112 100
64 59.4 48.2 72.4
63 32.9 27.0 40.6

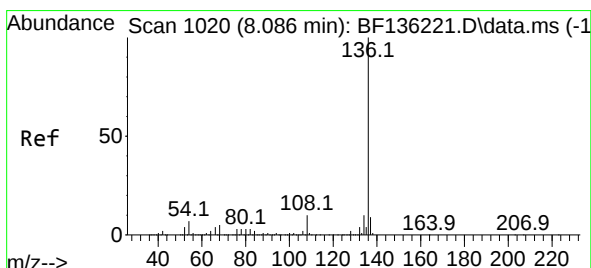
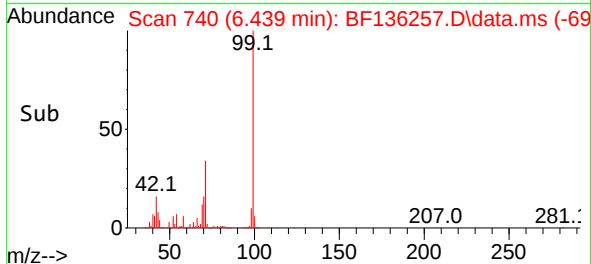
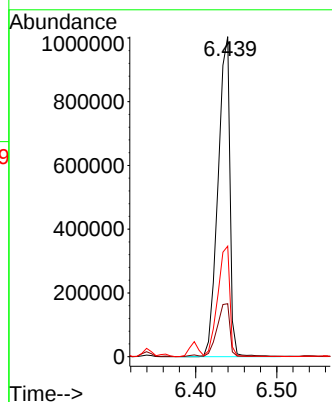
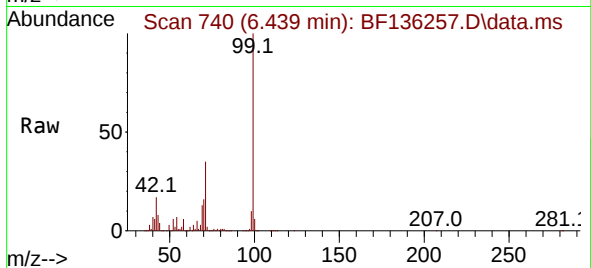




#7
Phenol-d6
Concen: 76.719 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

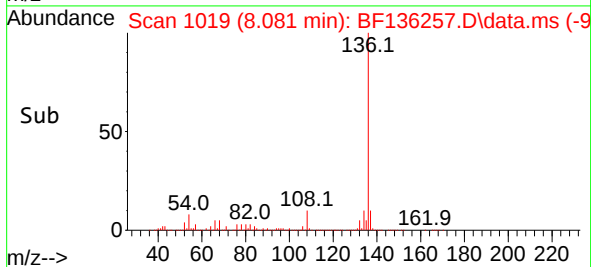
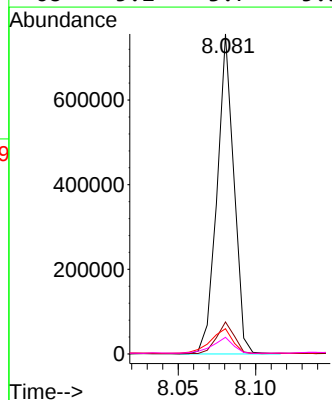
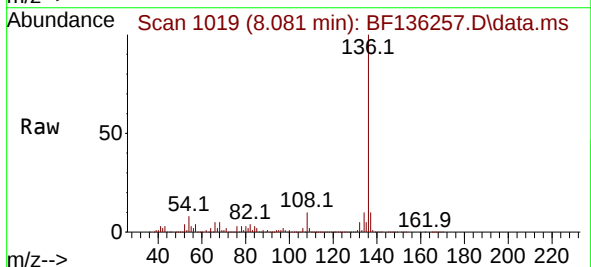
Instrument :
BNA_F
ClientSampleId :
EO-03-112223

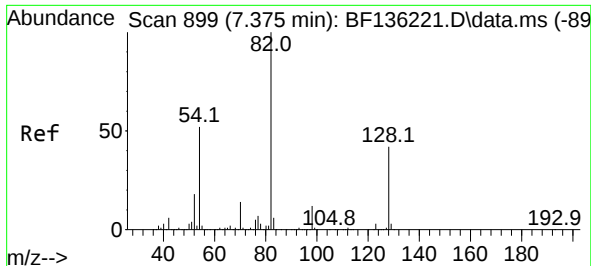
Tgt Ion: 99 Resp: 1022646
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.6
71 34.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

Tgt Ion: 136 Resp: 572144
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.2
54 7.9 5.5 8.3
68 5.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 58.144 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136257.D

Acq: 28 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

EO-03-112223

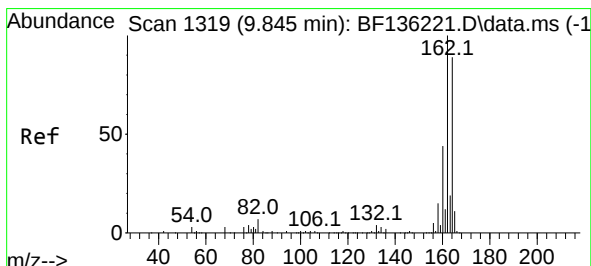
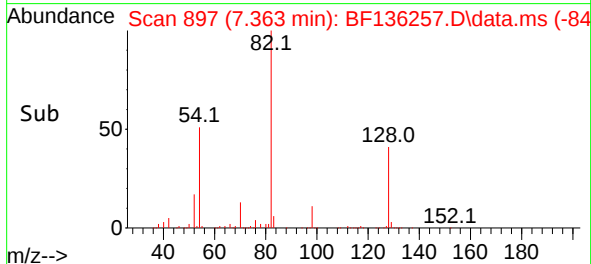
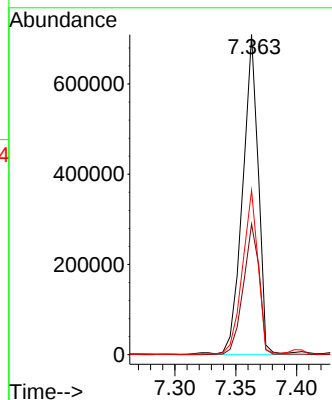
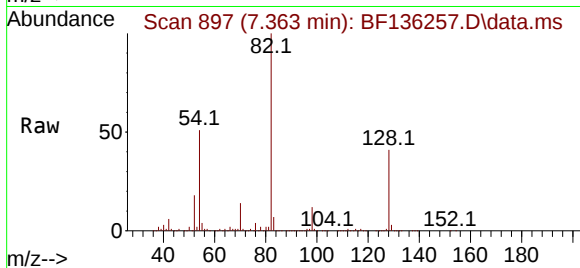
Tgt Ion: 82 Resp: 629531

Ion Ratio Lower Upper

82 100

128 40.8 33.4 50.2

54 51.3 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: BF136257.D

Acq: 28 Nov 2023 19:29

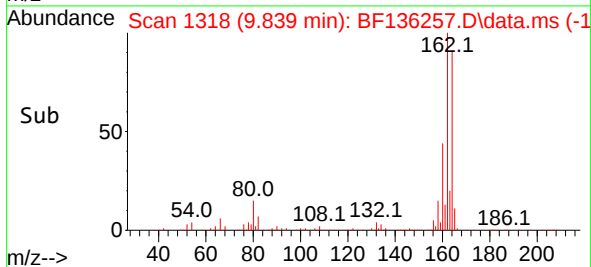
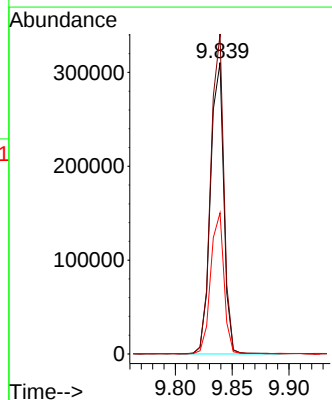
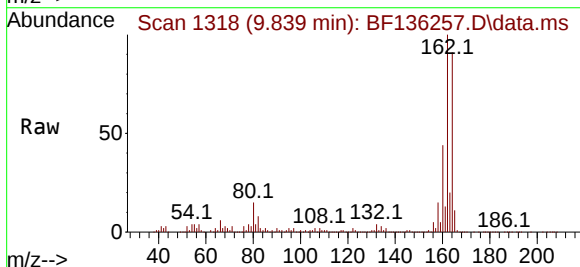
Tgt Ion: 164 Resp: 253613

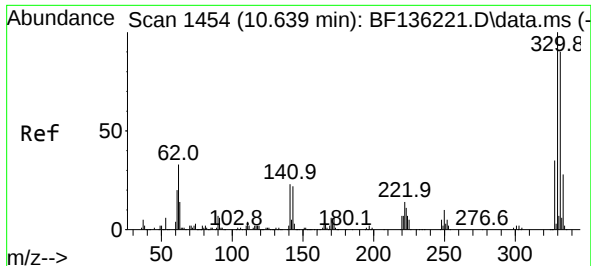
Ion Ratio Lower Upper

164 100

162 109.9 89.5 134.3

160 48.5 39.6 59.4

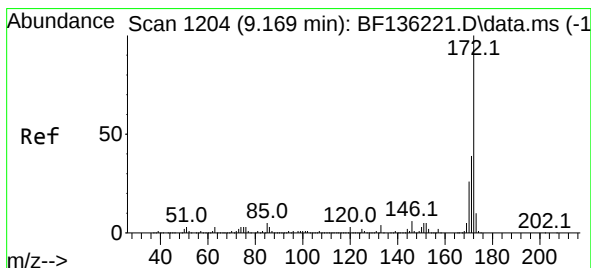
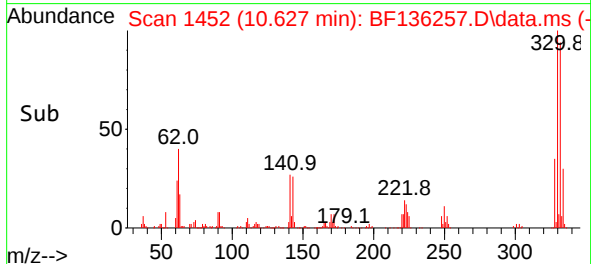
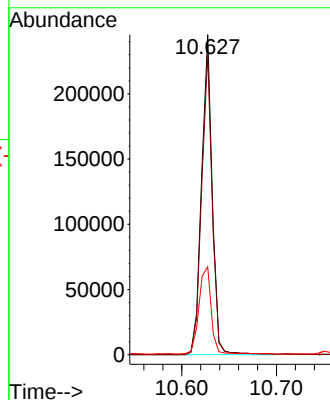
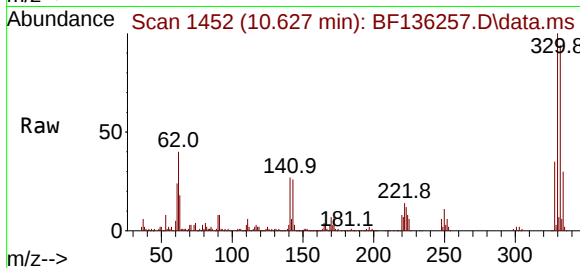




#42
 2,4,6-Tribromophenol
 Concen: 61.795 ng
 RT: 10.627 min Scan# 1454
 Delta R.T. -0.012 min
 Lab File: BF136257.D
 Acq: 28 Nov 2023 19:29

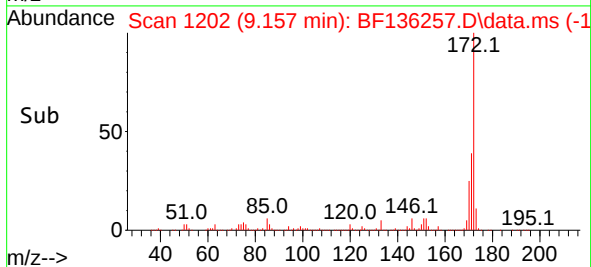
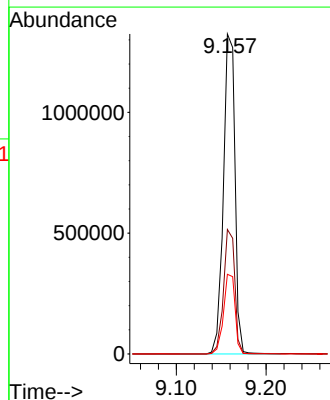
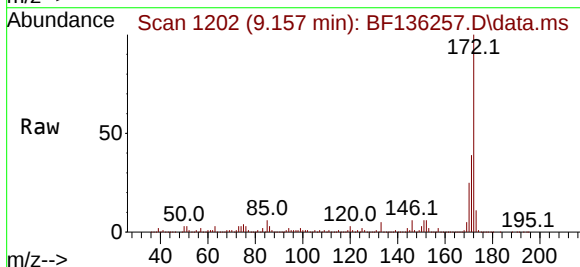
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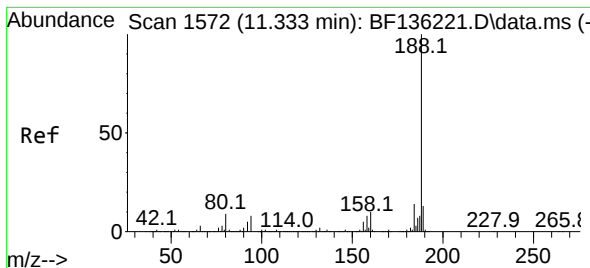
Tgt Ion: 330 Resp: 191605
 Ion Ratio Lower Upper
 330 100
 332 94.3 73.0 109.6
 141 31.1 24.2 36.2



#45
 2-Fluorobiphenyl
 Concen: 59.887 ng
 RT: 9.157 min Scan# 1202
 Delta R.T. -0.012 min
 Lab File: BF136257.D
 Acq: 28 Nov 2023 19:29

Tgt Ion: 172 Resp: 1189080
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.5 47.3
 170 24.9 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: BF136257.D

Acq: 28 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

EO-03-112223

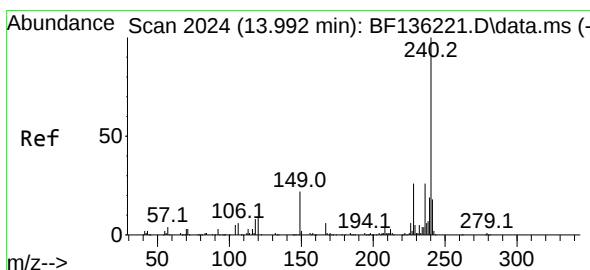
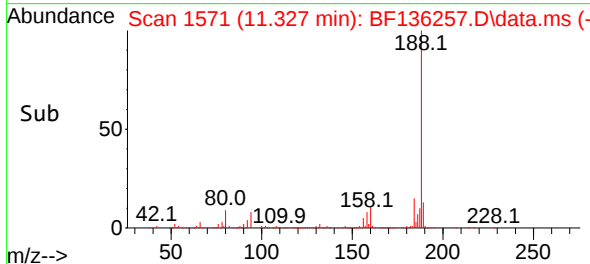
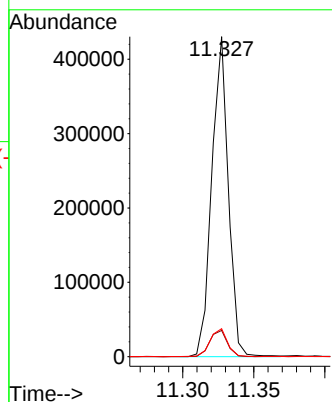
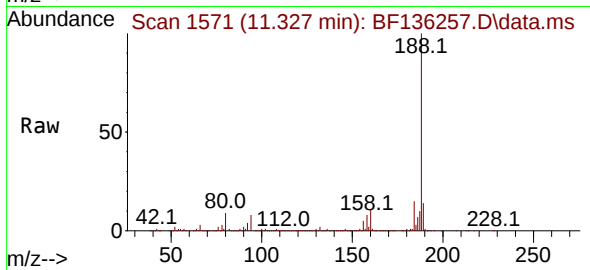
Tgt Ion:188 Resp: 348290

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 8.8 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: BF136257.D

Acq: 28 Nov 2023 19:29

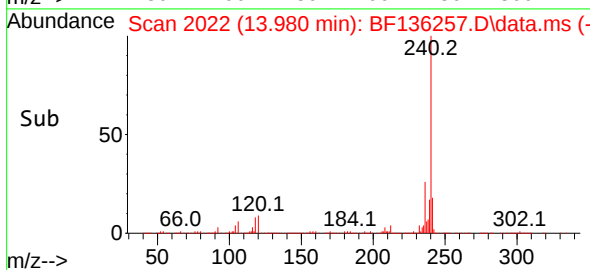
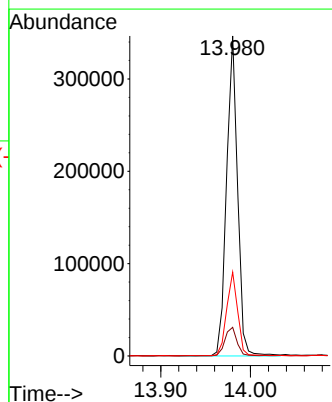
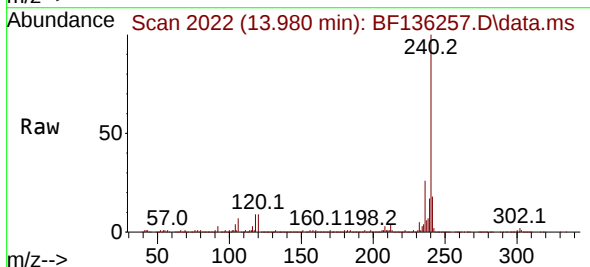
Tgt Ion:240 Resp: 295169

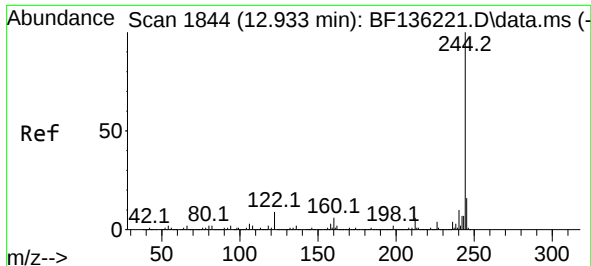
Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.2

236 26.2 21.1 31.7

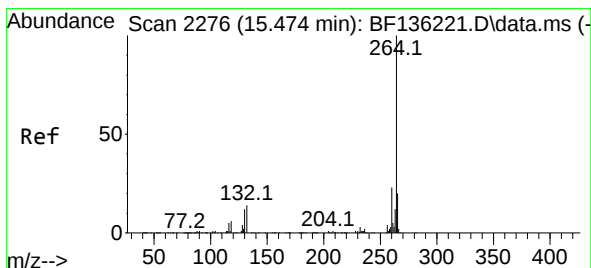
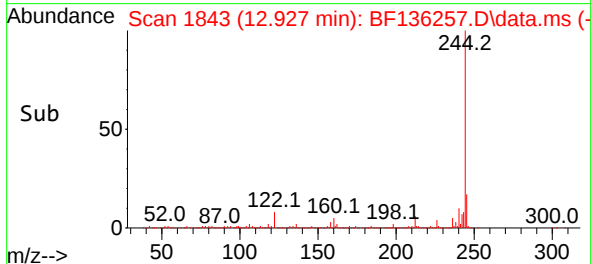
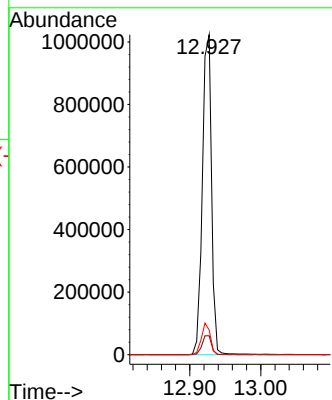
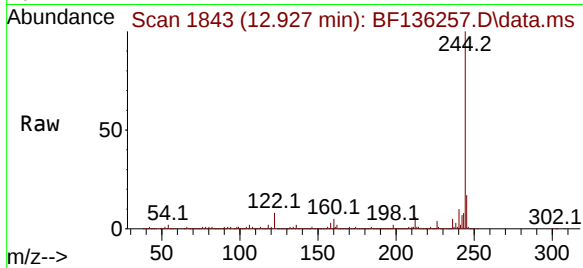




#79
 Terphenyl-d14
 Concen: 36.138 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136257.D
 Acq: 28 Nov 2023 19:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-112223

Tgt Ion:244 Resp: 924755
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 7.7 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: BF136257.D
 Acq: 28 Nov 2023 19:29

Tgt Ion:264 Resp: 296156
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 27.8
 265 20.8 15.7 23.5

