

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136143.D
 Acq On : 04 Nov 2023 12:57
 Operator : CG\JU
 Sample : 05243-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7D-AT-8-8.5

Quant Time: Nov 06 01:00:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	90538	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	363226	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	192664	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	366506	20.000	ng	0.00
76) Chrysene-d12	14.004	240	186908	20.000	ng	0.00
86) Perylene-d12	15.492	264	206953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	787204	136.630	ng	0.00
7) Phenol-d6	6.451	99	992258	138.225	ng	0.00
23) Nitrobenzene-d5	7.381	82	623688	103.510	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	316832	154.067	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1181027	97.718	ng	0.00
79) Terphenyl-d14	12.951	244	1355299	112.685	ng	0.00

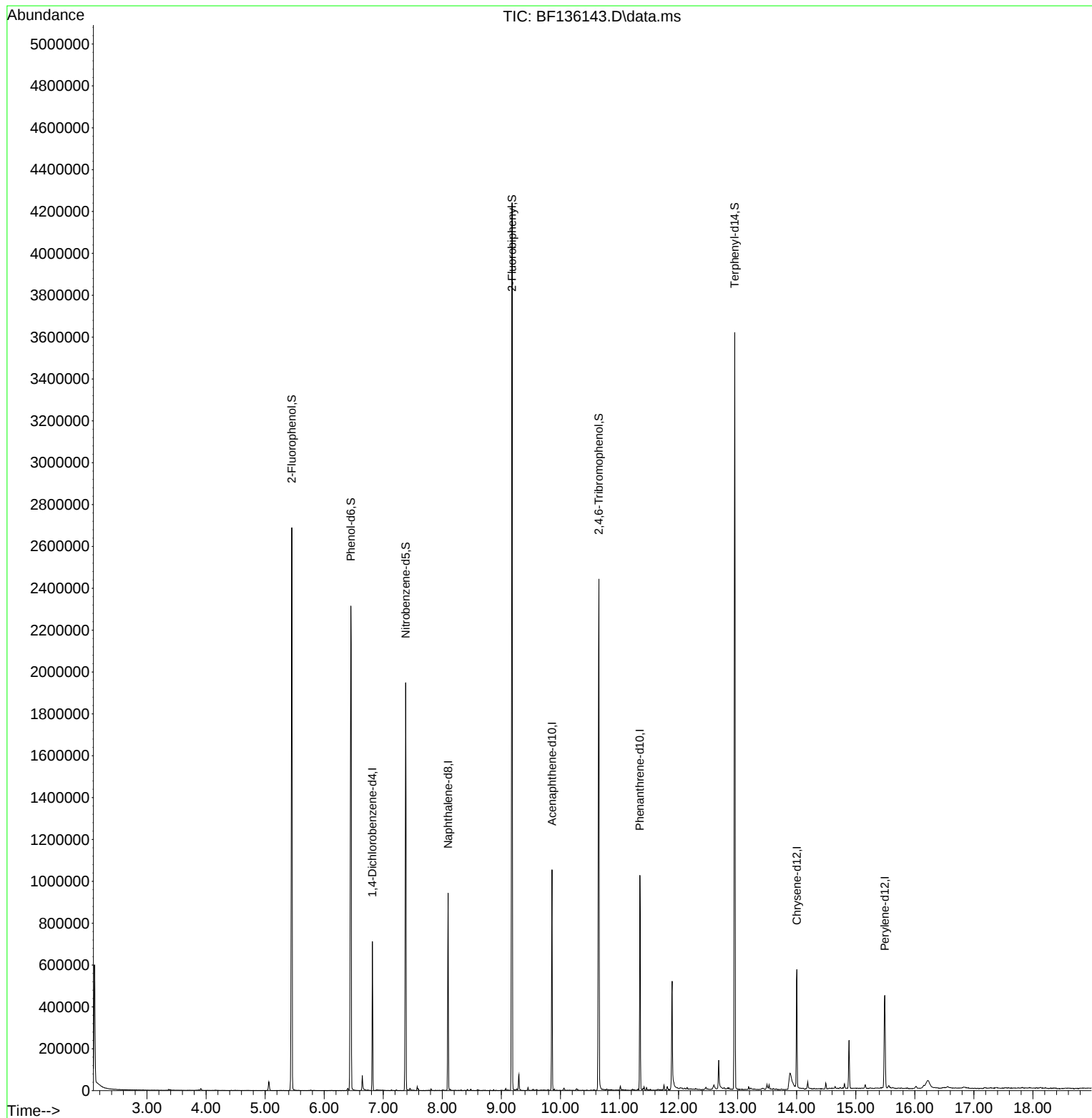
Target Compounds	Qvalue

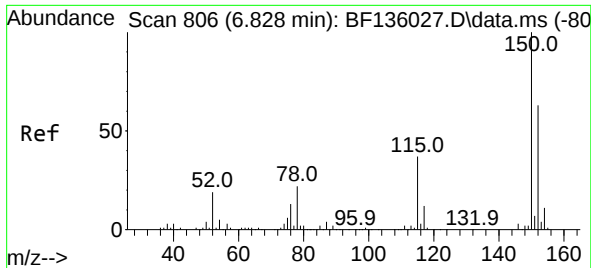
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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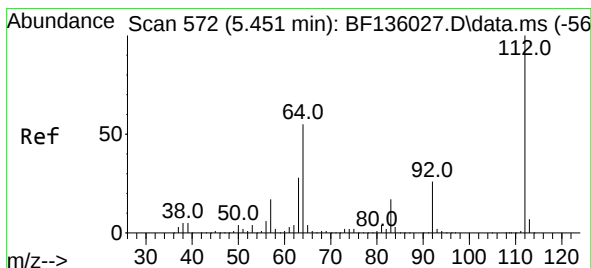
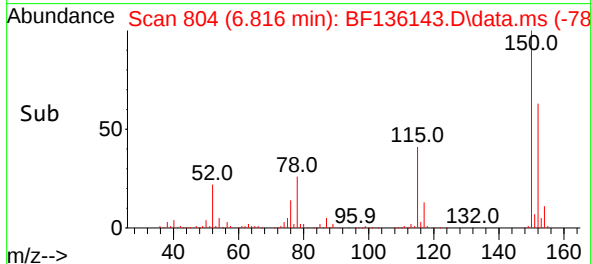
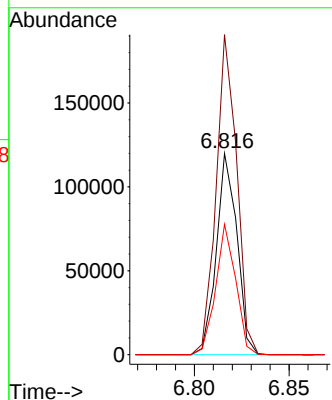
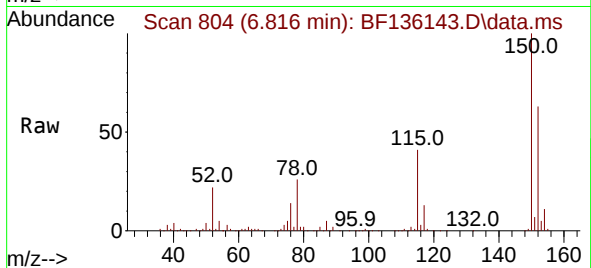




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:57

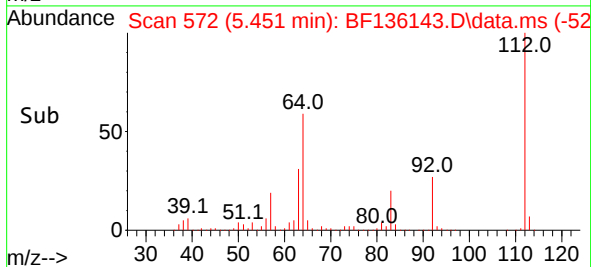
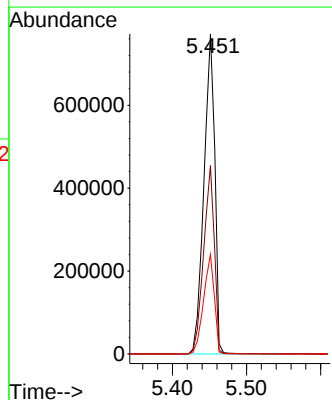
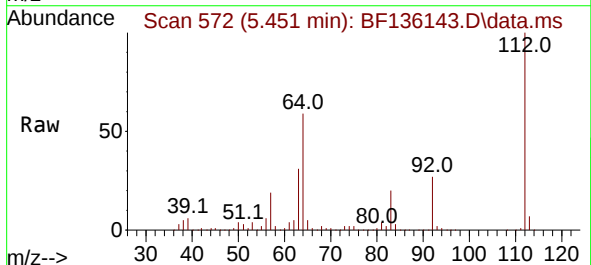
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

Tgt Ion:152 Resp: 90538
Ion Ratio Lower Upper
152 100
150 159.0 126.4 189.6
115 64.8 47.0 70.4



#5
2-Fluorophenol
Concen: 136.630 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:57

Tgt Ion:112 Resp: 787204
Ion Ratio Lower Upper
112 100
64 58.8 43.9 65.9
63 31.1 22.4 33.6

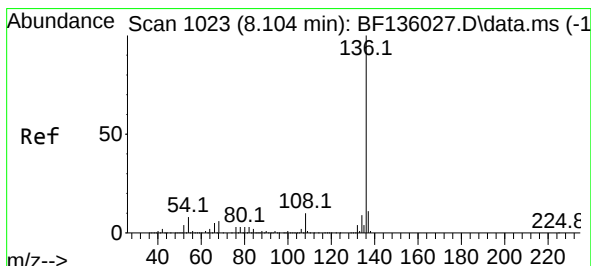
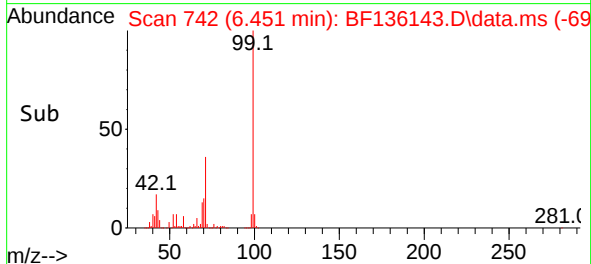
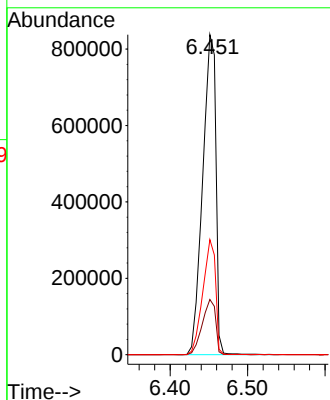
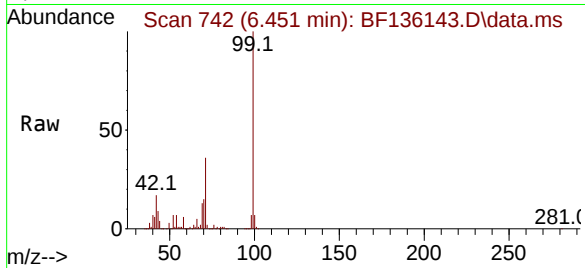




#7
Phenol-d6
Concen: 138.225 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:57

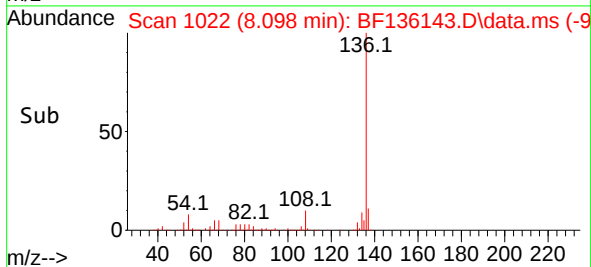
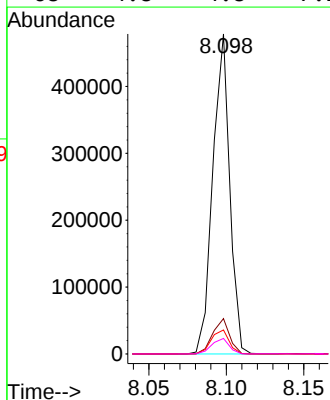
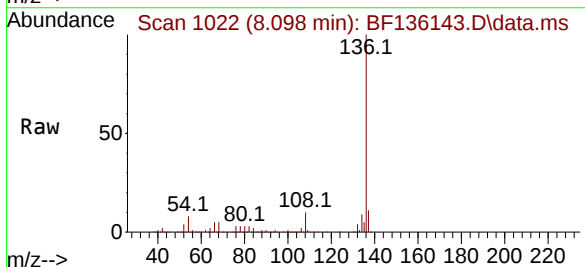
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

Tgt Ion: 99 Resp: 992258
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 36.0 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:57

Tgt Ion: 136 Resp: 363226
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.5 6.6 9.8
68 4.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 103.510 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

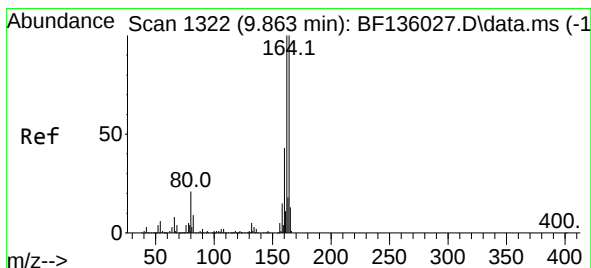
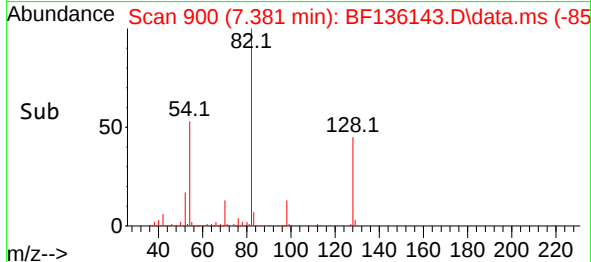
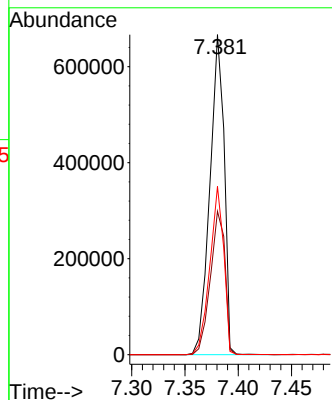
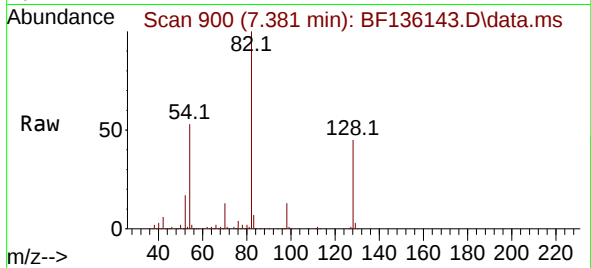
Tgt Ion: 82 Resp: 623688

Ion Ratio Lower Upper

82 100

128 44.8 38.6 57.8

54 52.5 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:57

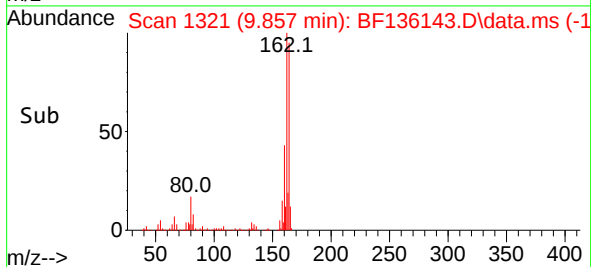
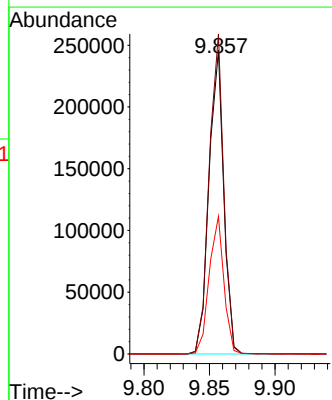
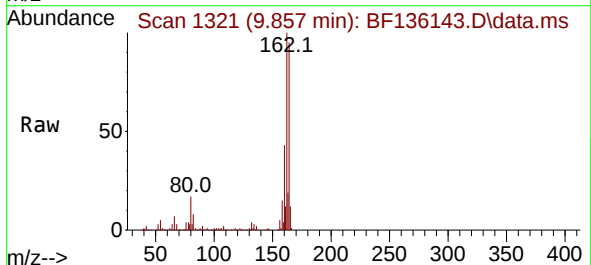
Tgt Ion:164 Resp: 192664

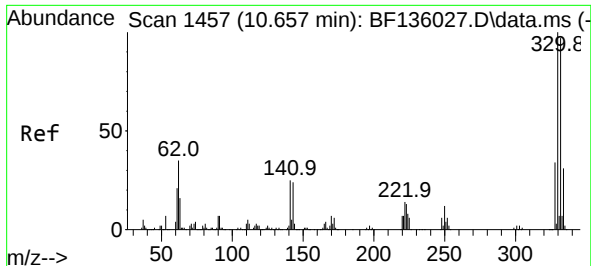
Ion Ratio Lower Upper

164 100

162 105.4 80.1 120.1

160 45.3 34.8 52.2

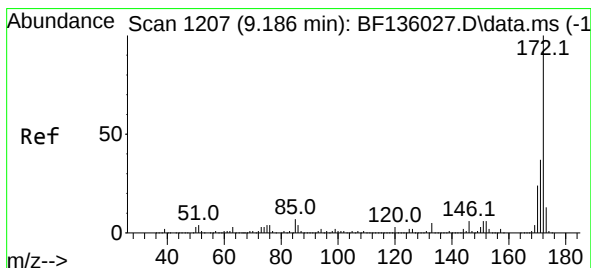
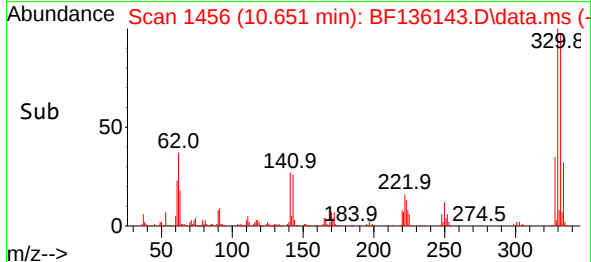
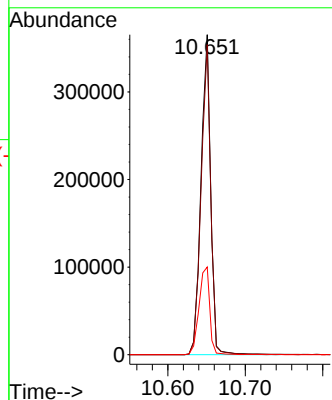
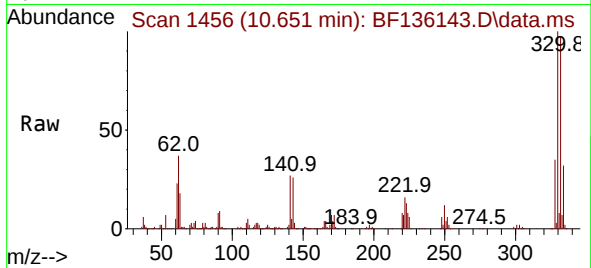




#42
2,4,6-Tribromophenol
Concen: 154.067 ng
RT: 10.651 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:57

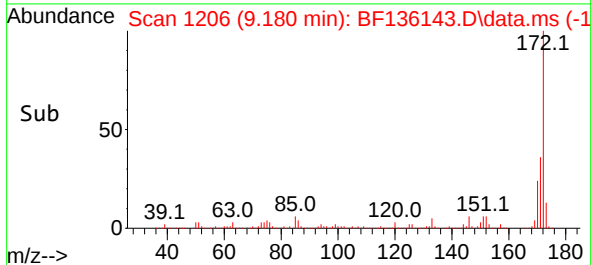
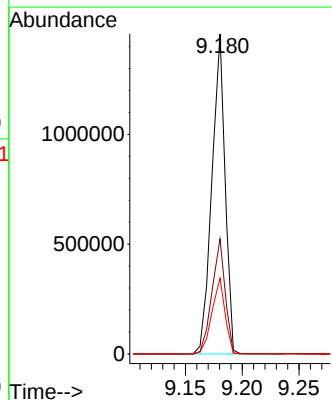
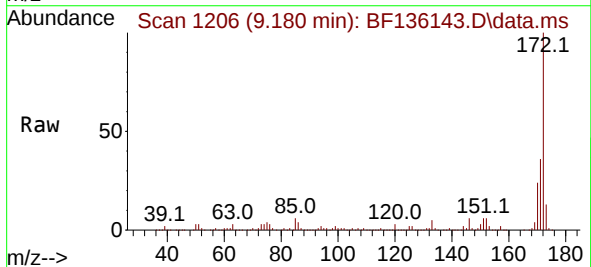
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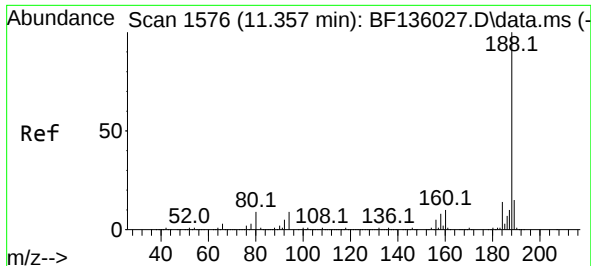
Tgt Ion:330 Resp: 316832
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 30.3 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 97.718 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:57

Tgt Ion:172 Resp: 1181027
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.7 19.3 28.9

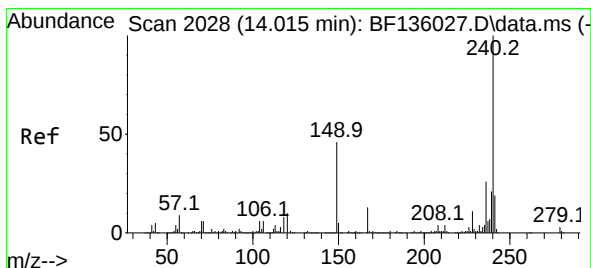
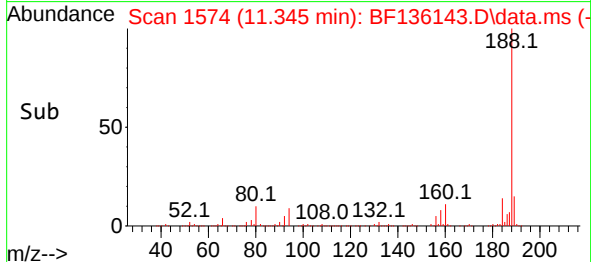
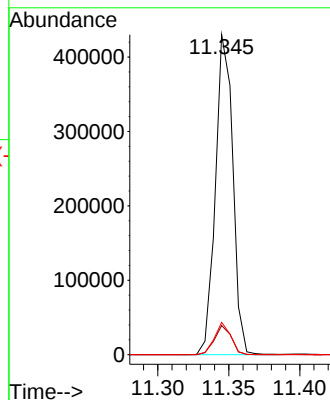
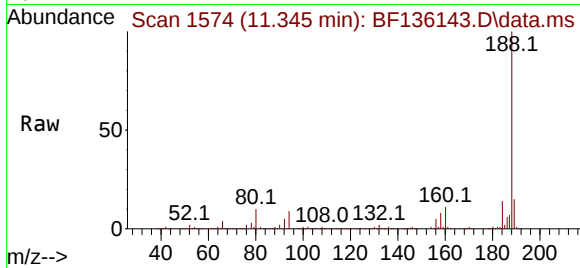




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:57

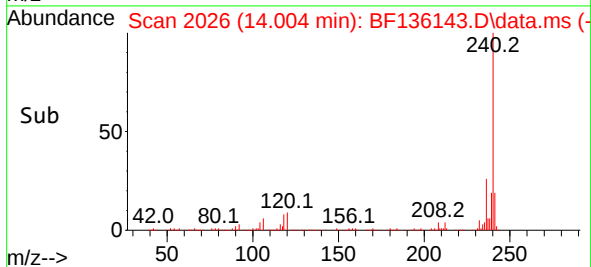
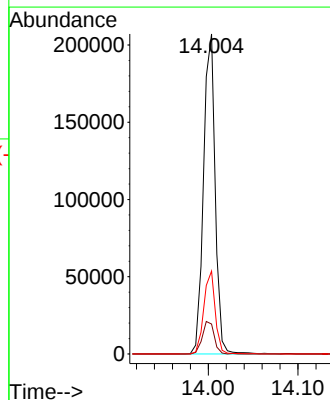
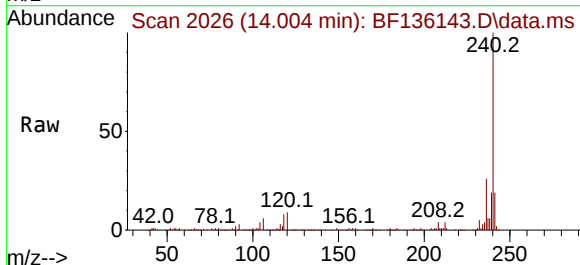
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

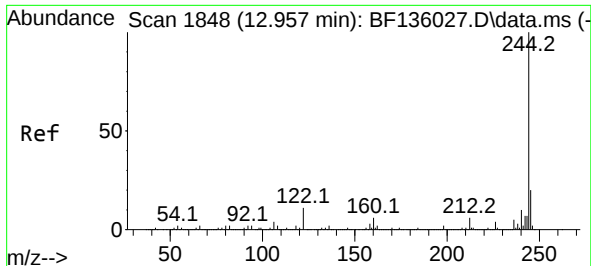
Tgt Ion:188 Resp: 366506
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.1 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:57

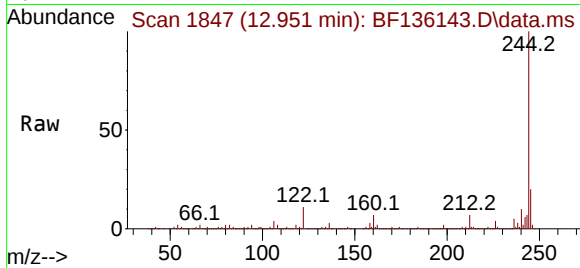
Tgt Ion:240 Resp: 186908
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 25.9 20.6 31.0



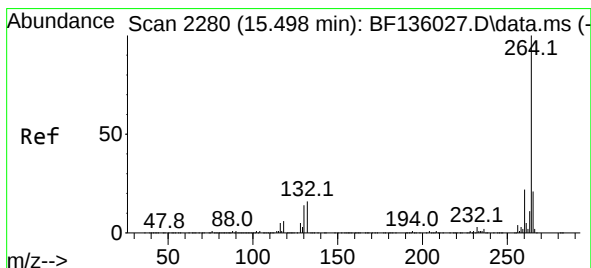
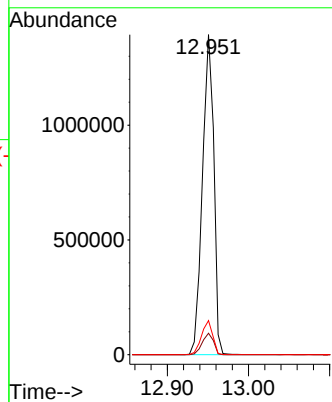
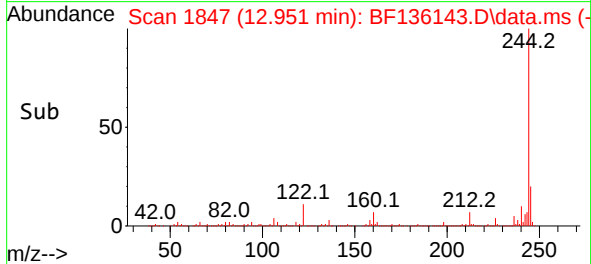


#79
 Terphenyl-d14
 Concen: 112.685 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136143.D
 Acq: 04 Nov 2023 12:57

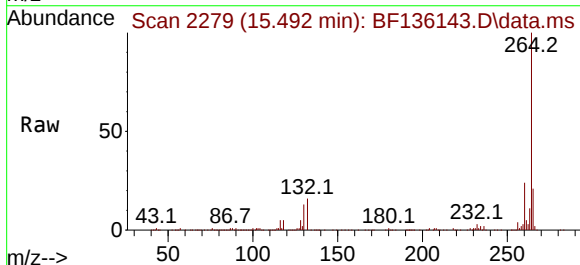
Instrument :
 BNA_F
 ClientSampleId :
 SB-7D-AT-8-8.5



Tgt Ion:244 Resp: 1355299
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF136143.D
 Acq: 04 Nov 2023 12:57



Tgt Ion:264 Resp: 206953
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.9 26.9
 265 21.2 16.8 25.2

