

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136487.D
 Acq On : 11 Dec 2023 13:23
 Operator : CG\JU
 Sample : PB157455BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157455BL

Quant Time: Dec 11 13:51:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	137861	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	568220	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	308559	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	604344	20.000	ng	0.00
76) Chrysene-d12	13.974	240	381667	20.000	ng	0.00
86) Perylene-d12	15.451	264	278708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1137545	121.859	ng	0.02
7) Phenol-d6	6.446	99	1384715	118.892	ng	0.00
23) Nitrobenzene-d5	7.357	82	846629	80.548	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	471884	124.031	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1753940	77.562	ng	-0.01
79) Terphenyl-d14	12.922	244	2136028	73.765	ng	0.00

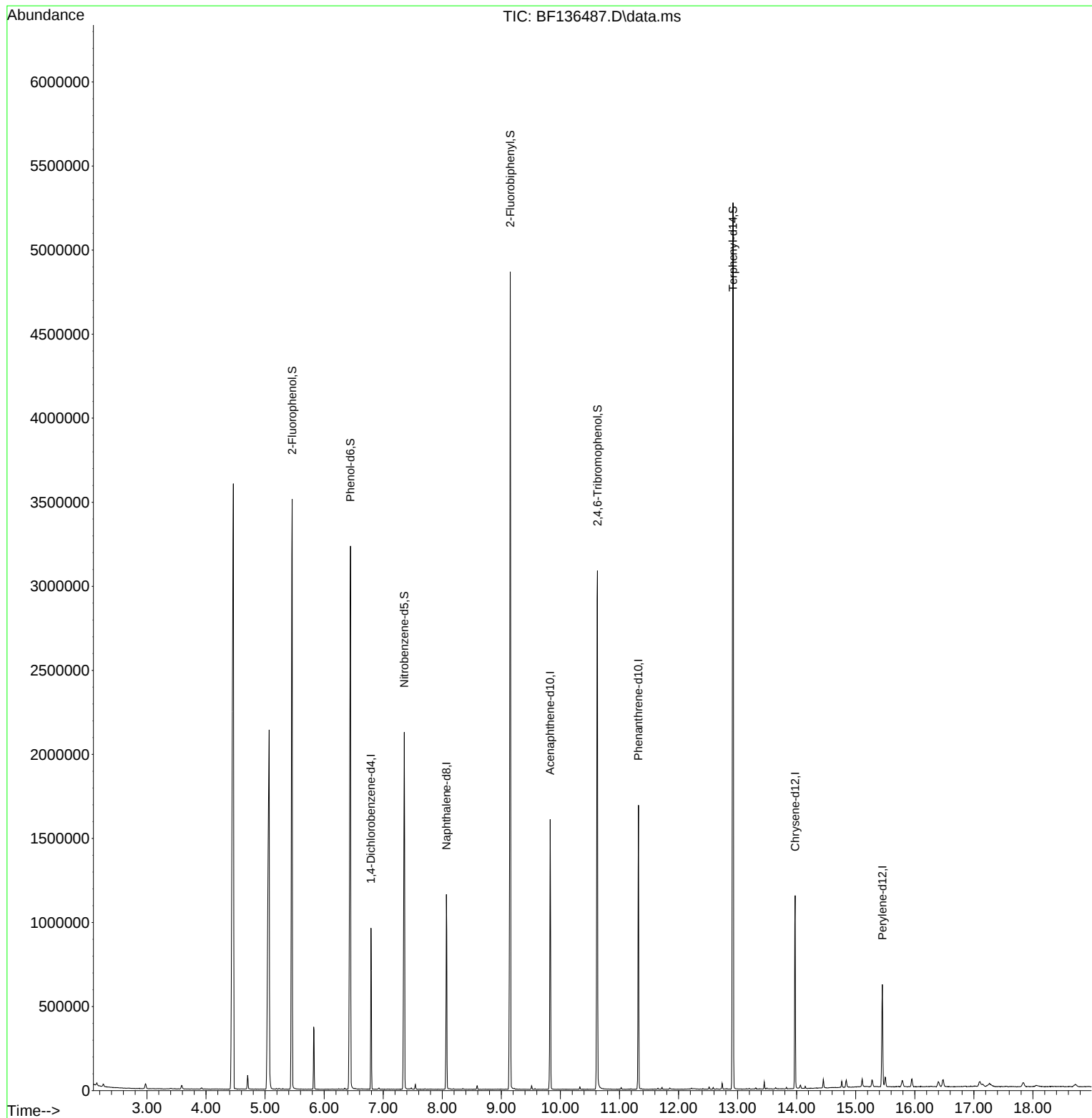
Target Compounds	Qvalue

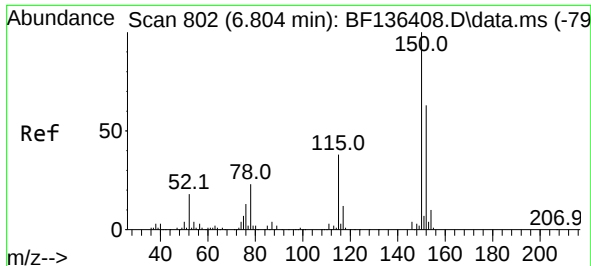
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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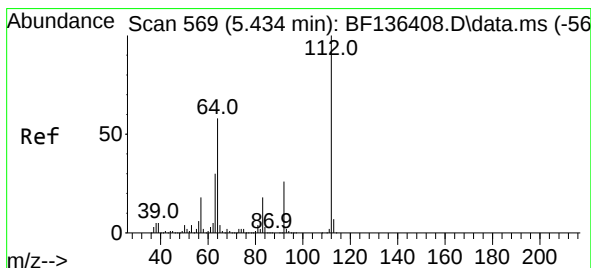
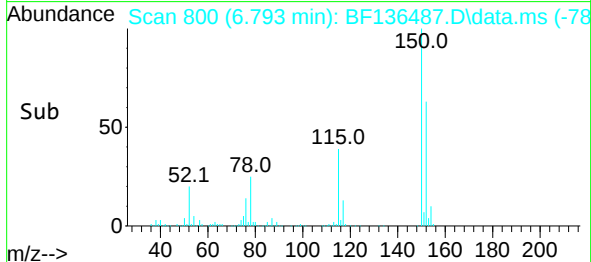
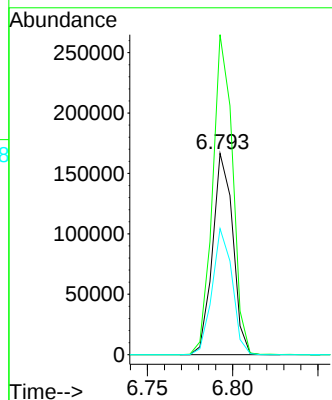
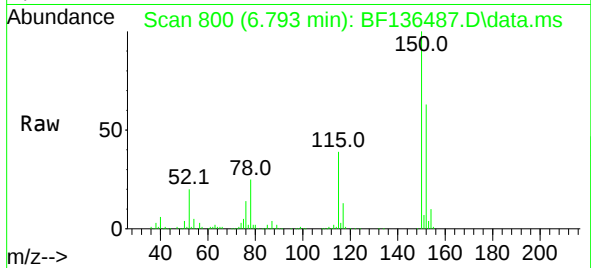




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 802
Delta R.T. -0.011 min
Lab File: BF136487.D
Acq: 11 Dec 2023 13:23

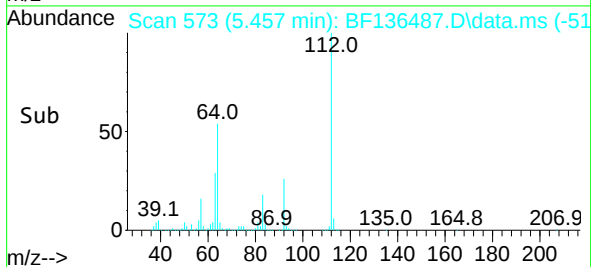
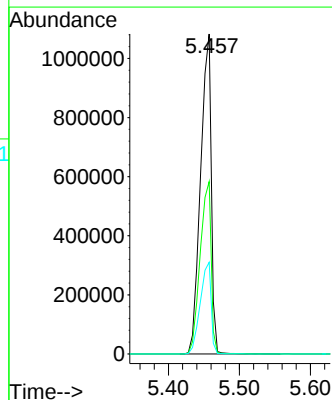
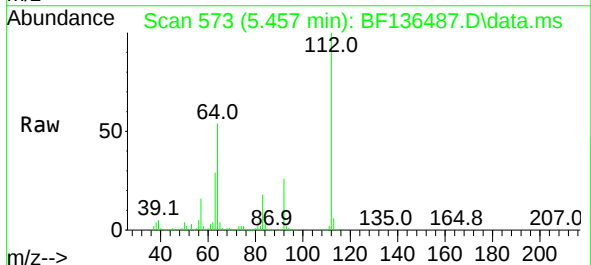
Instrument :
BNA_F
ClientSampleId :
PB157455BL

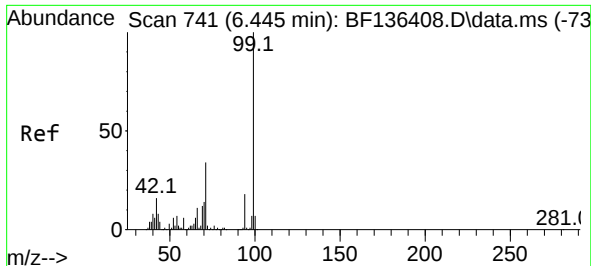
Tgt Ion:152 Resp: 137861
Ion Ratio Lower Upper
152 100
150 159.0 126.4 189.6
115 62.7 48.2 72.4



#5
2-Fluorophenol
Concen: 121.859 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.024 min
Lab File: BF136487.D
Acq: 11 Dec 2023 13:23

Tgt Ion:112 Resp: 1137545
Ion Ratio Lower Upper
112 100
64 53.9 46.5 69.7
63 28.6 23.9 35.9

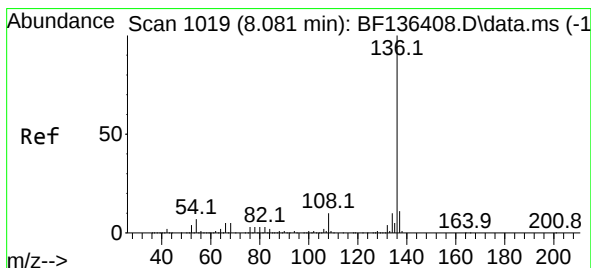
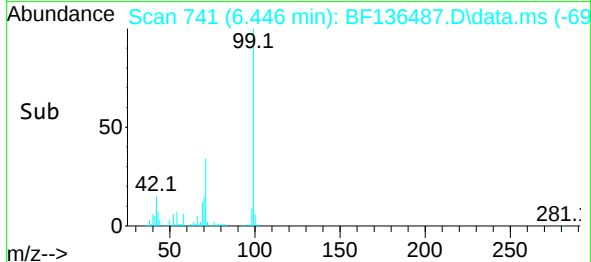
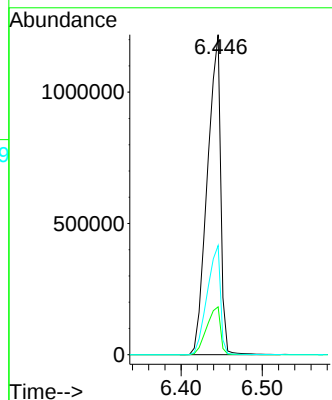
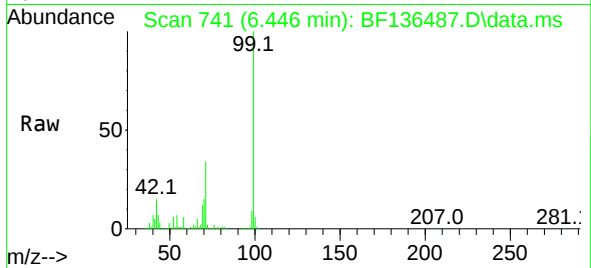




#7
Phenol-d6
Concen: 118.892 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136487.D
Acq: 11 Dec 2023 13:23

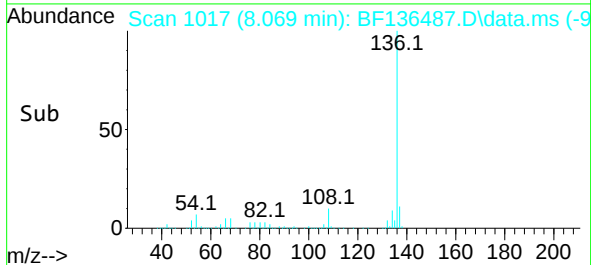
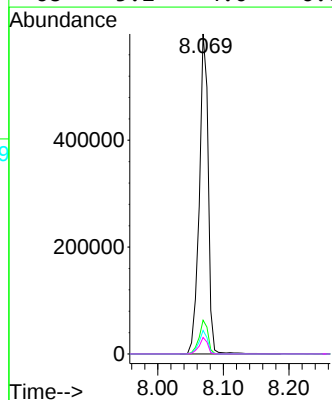
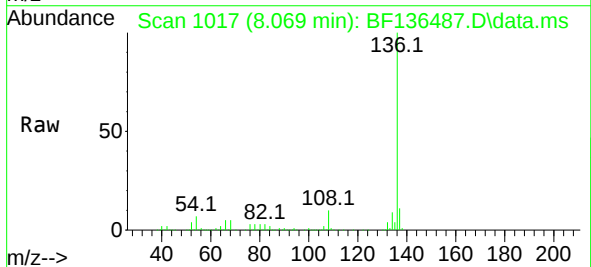
Instrument :
BNA_F
ClientSampleId :
PB157455BL

Tgt Ion: 99 Resp: 1384715
Ion Ratio Lower Upper
99 100
42 14.9 12.8 19.2
71 34.1 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136487.D
Acq: 11 Dec 2023 13:23

Tgt Ion: 136 Resp: 568220
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.3 5.7 8.5
68 5.2 4.0 6.0





#23

Nitrobenzene-d5

Concen: 80.548 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136487.D

Acq: 11 Dec 2023 13:23

Instrument :

BNA_F

ClientSampleId :

PB157455BL

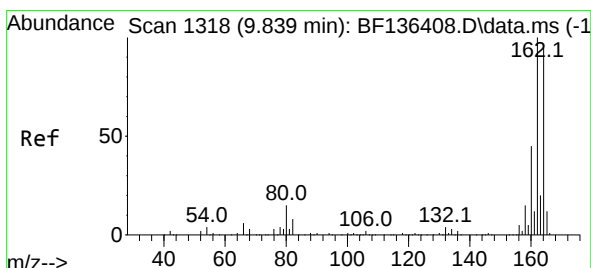
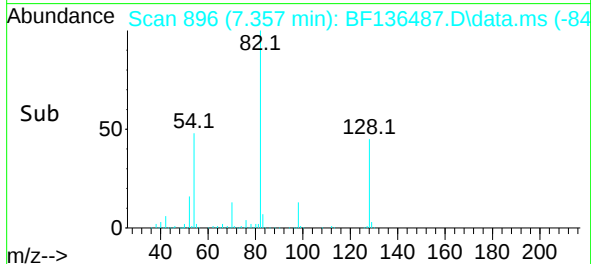
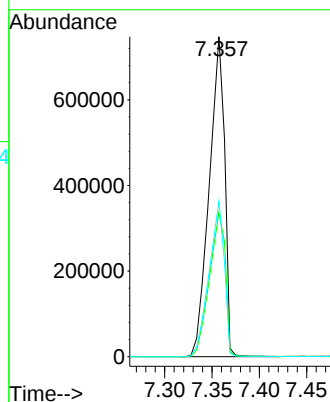
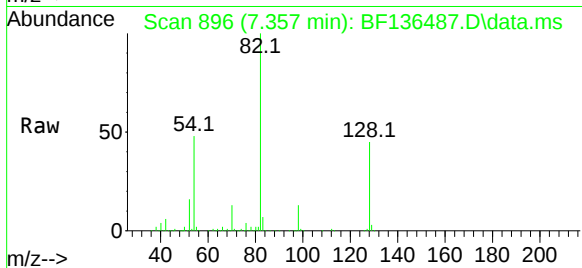
Tgt Ion: 82 Resp: 846629

Ion Ratio Lower Upper

82 100

128 45.0 36.3 54.5

54 48.5 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136487.D

Acq: 11 Dec 2023 13:23

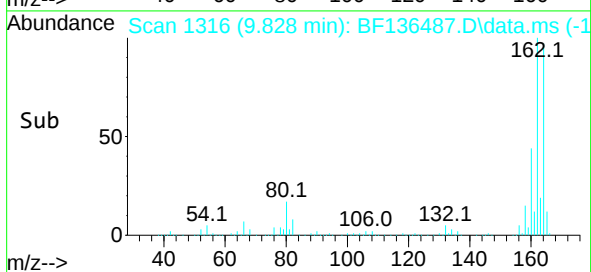
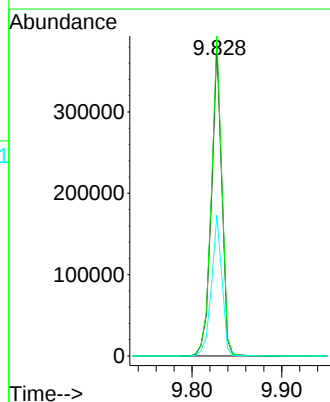
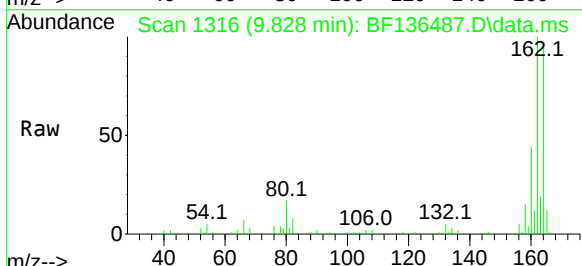
Tgt Ion:164 Resp: 308559

Ion Ratio Lower Upper

164 100

162 102.7 84.4 126.6

160 45.2 37.6 56.4

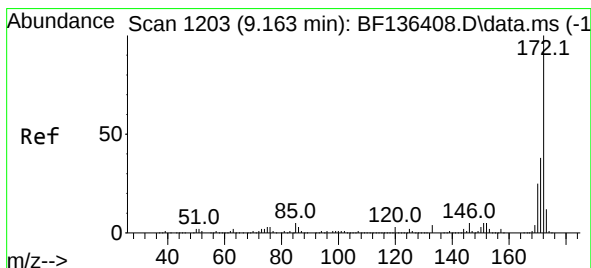
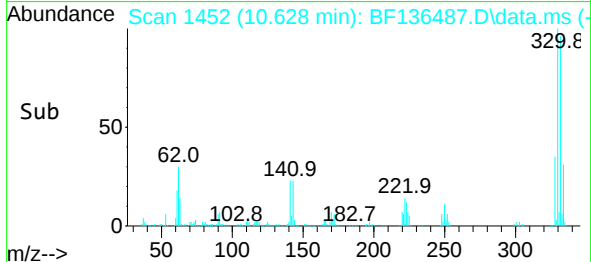
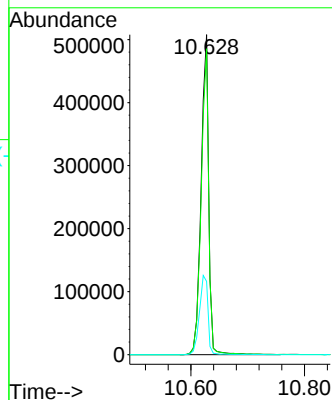
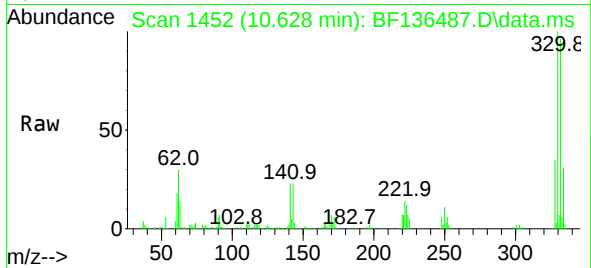




#42
 2,4,6-Tribromophenol
 Concen: 124.031 ng
 RT: 10.628 min Scan# 1453
 Delta R.T. -0.006 min
 Lab File: BF136487.D
 Acq: 11 Dec 2023 13:23

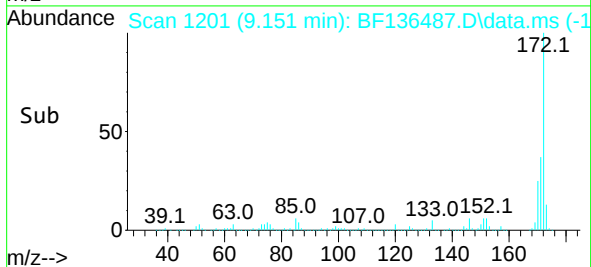
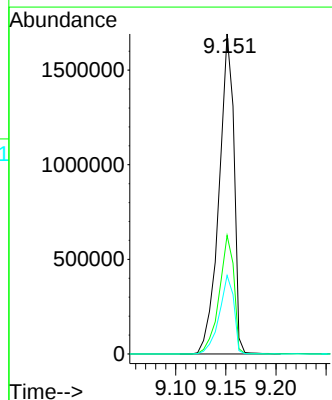
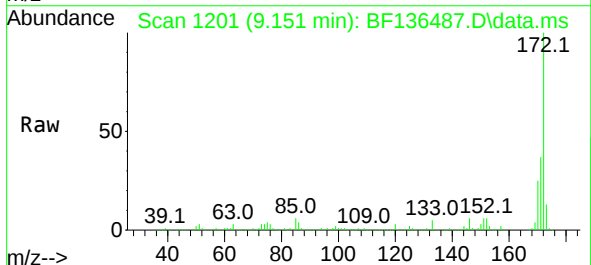
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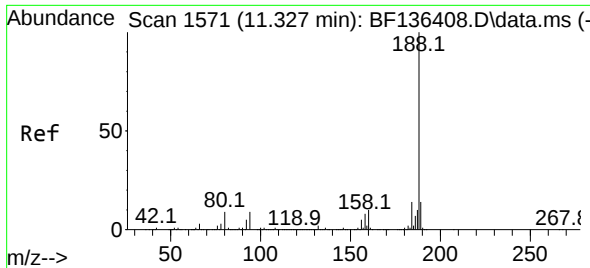
Tgt Ion:330 Resp: 471884
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.4 114.6
 141 28.0 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 77.562 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF136487.D
 Acq: 11 Dec 2023 13:23

Tgt Ion:172 Resp: 1753940
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 24.6 19.9 29.9

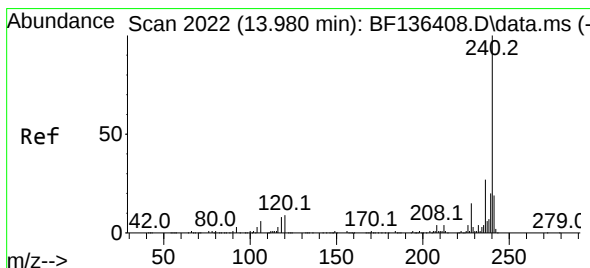
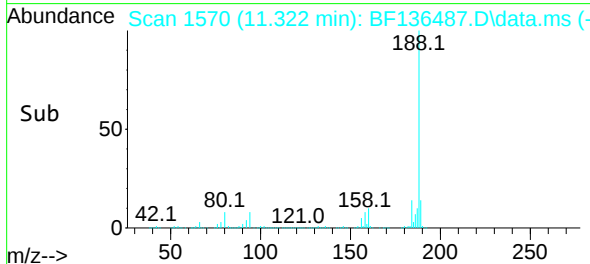
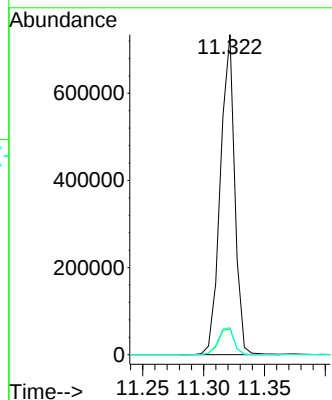
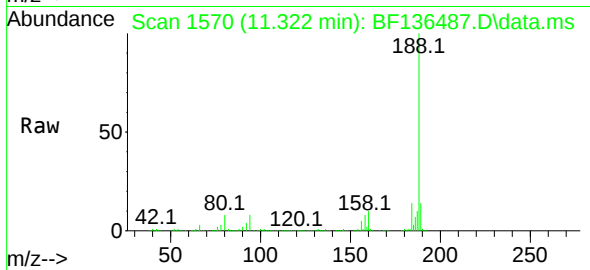




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136487.D
Acq: 11 Dec 2023 13:23

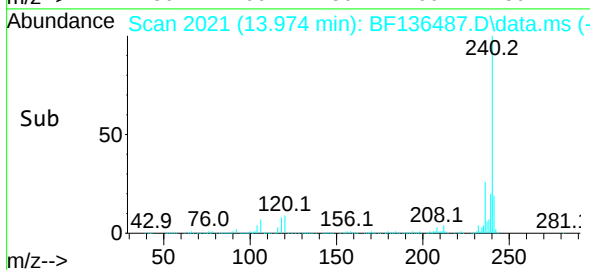
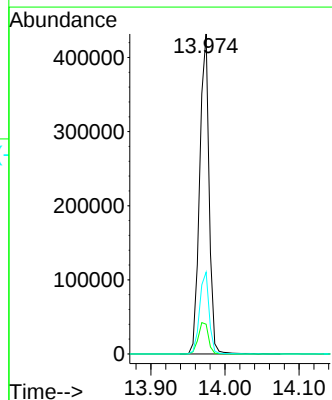
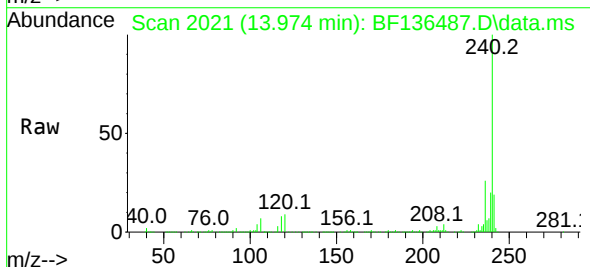
Instrument :
BNA_F
ClientSampleId :
PB157455BL

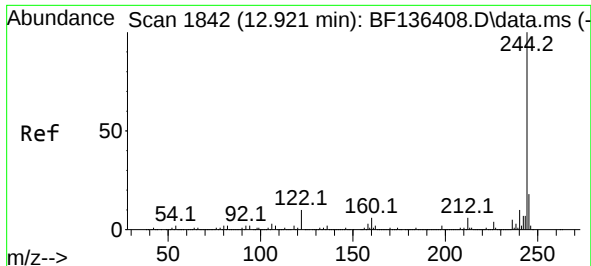
Tgt Ion:188 Resp: 604344
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136487.D
Acq: 11 Dec 2023 13:23

Tgt Ion:240 Resp: 381667
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.6 21.3 31.9

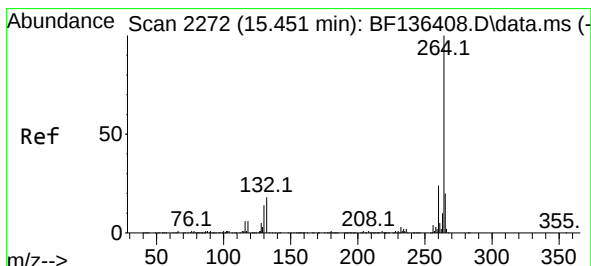
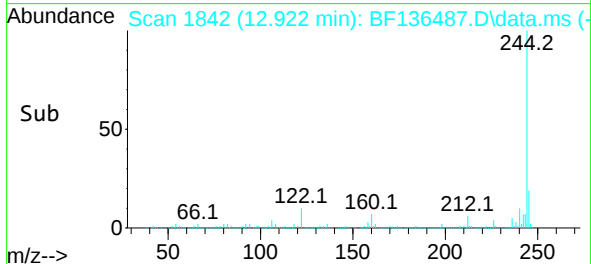
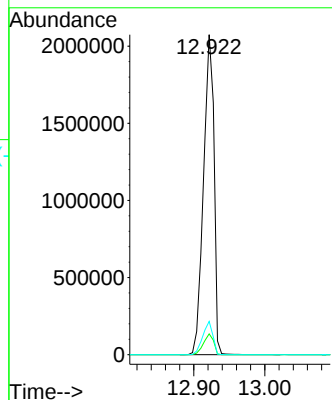
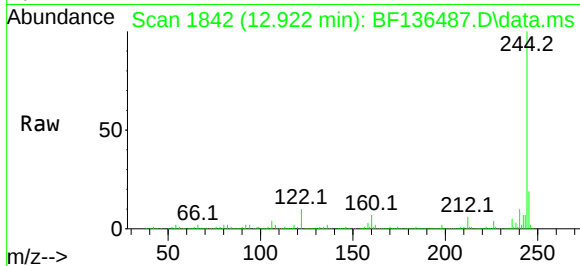




#79
 Terphenyl-d14
 Concen: 73.765 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136487.D
 Acq: 11 Dec 2023 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB157455BL

Tgt Ion:244 Resp: 2136028
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.000 min
 Lab File: BF136487.D
 Acq: 11 Dec 2023 13:23

Tgt Ion:264 Resp: 278708
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.3 15.9 23.9

