

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136458.D
 Acq On : 07 Dec 2023 21:09
 Operator : CG\JU
 Sample : 05599-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-08

Quant Time: Dec 08 00:43:19 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	6.798	152	108266	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	403087	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	162338	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	231913	20.000	ng	0.00
76) Chrysene-d12	13.974	240	217895	20.000	ng	0.00
86) Perylene-d12	15.457	264	194504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	636463	86.818	ng	0.01
7) Phenol-d6	6.445	99	766813	83.836	ng	0.00
23) Nitrobenzene-d5	7.357	82	466263	62.533	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	140546	70.215	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	876065	73.636	ng	0.00
79) Terphenyl-d14	12.921	244	752901	45.543	ng	0.00

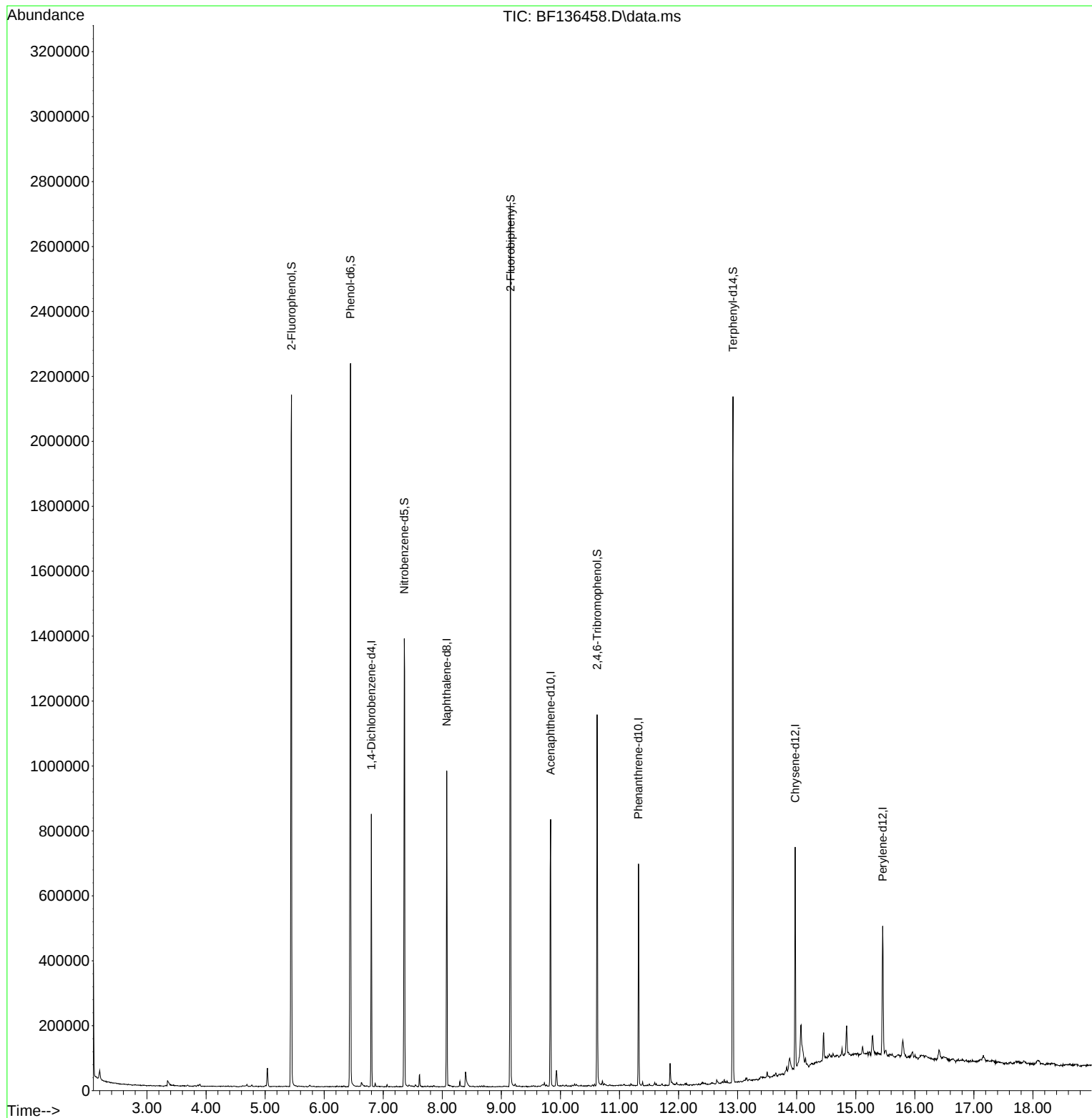
Target Compounds	Qvalue

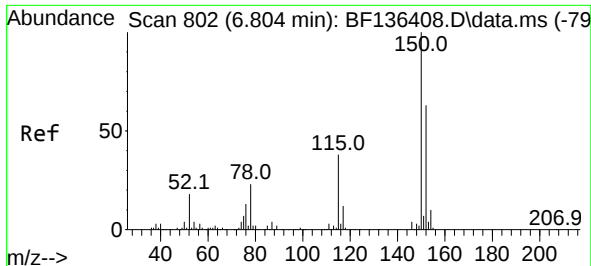
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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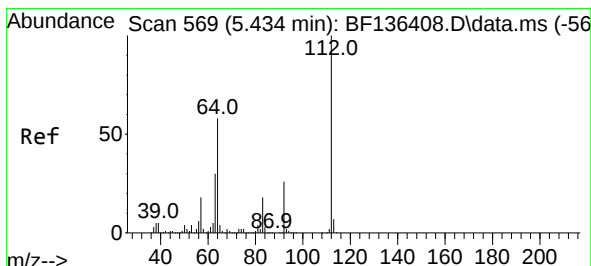
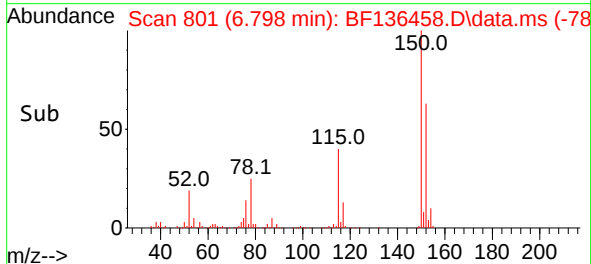
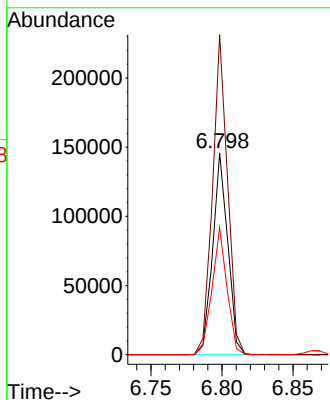
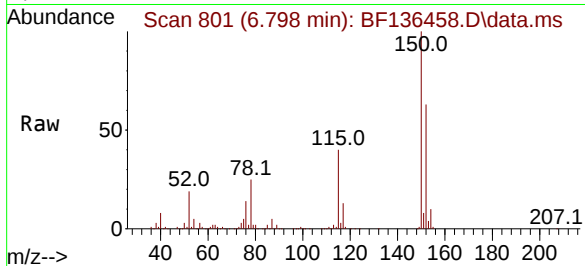




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 802
 Delta R.T. -0.006 min
 Lab File: BF136458.D
 Acq: 07 Dec 2023 21:09

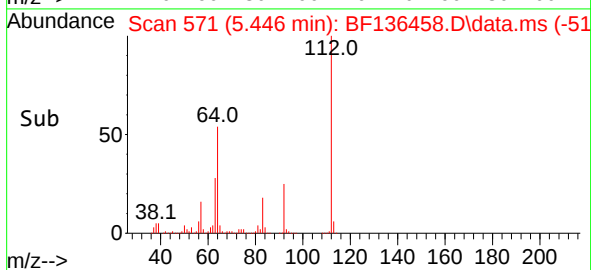
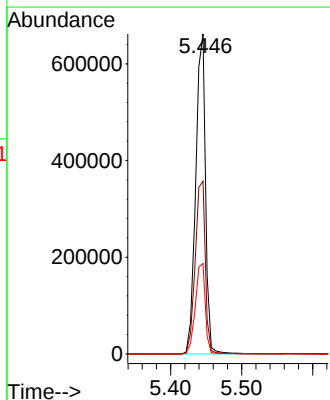
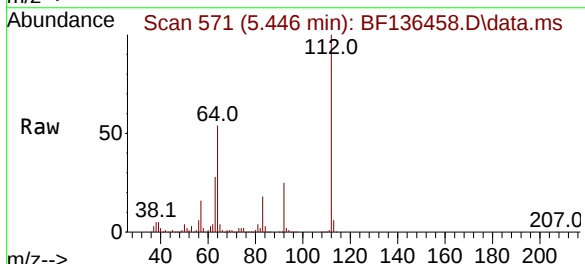
Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-08

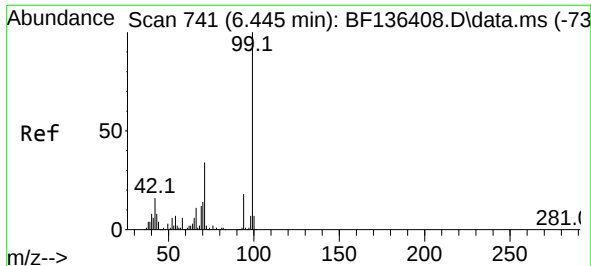
Tgt Ion:152 Resp: 108266
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.4 189.6
 115 63.0 48.2 72.4



#5
 2-Fluorophenol
 Concen: 86.818 ng
 RT: 5.446 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: BF136458.D
 Acq: 07 Dec 2023 21:09

Tgt Ion:112 Resp: 636463
 Ion Ratio Lower Upper
 112 100
 64 54.0 46.5 69.7
 63 28.3 23.9 35.9

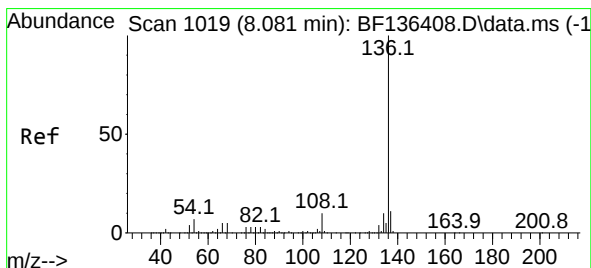
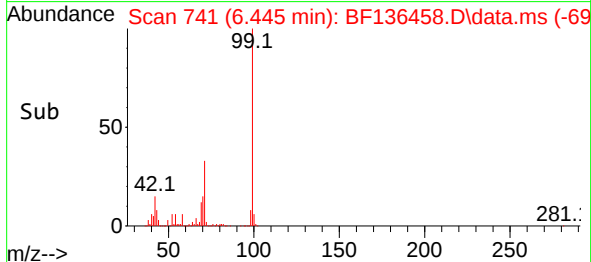
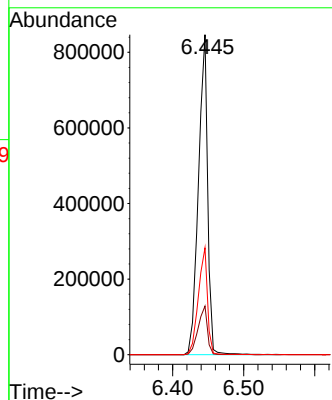
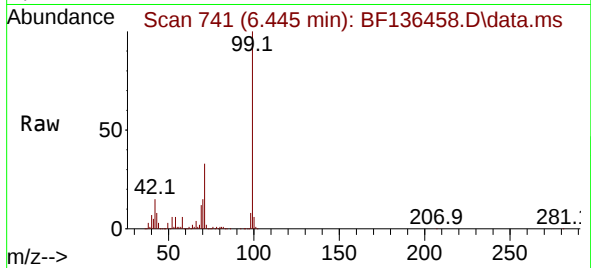




#7
Phenol-d6
Concen: 83.836 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

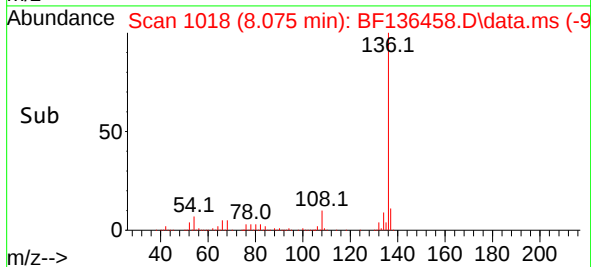
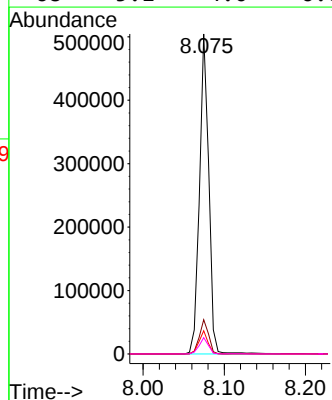
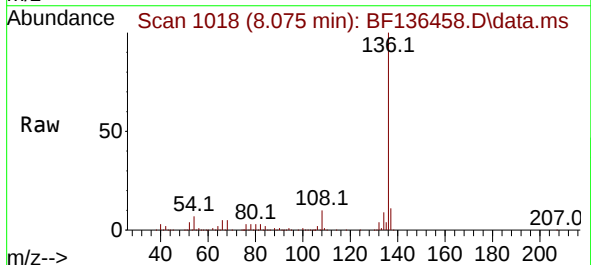
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08

Tgt Ion: 99 Resp: 766813
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.4 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

Tgt Ion: 136 Resp: 403087
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.3 5.7 8.5
68 5.1 4.0 6.0





#23

Nitrobenzene-d5

Concen: 62.533 ng

RT: 7.357 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF136458.D

Acq: 07 Dec 2023 21:09

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-08

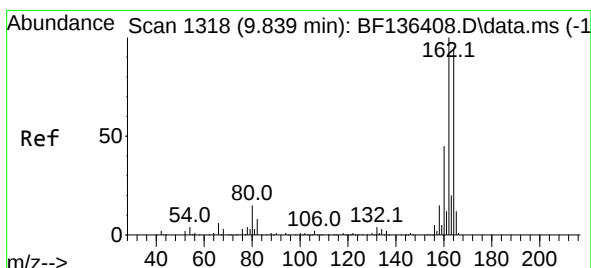
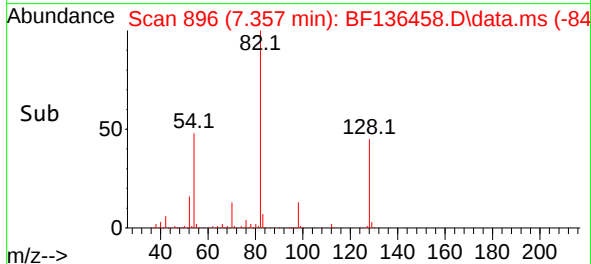
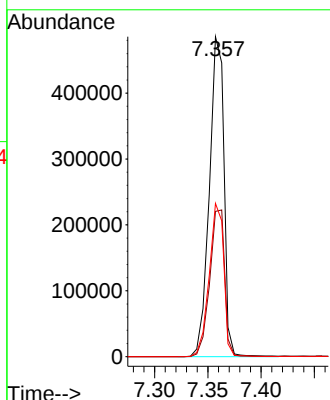
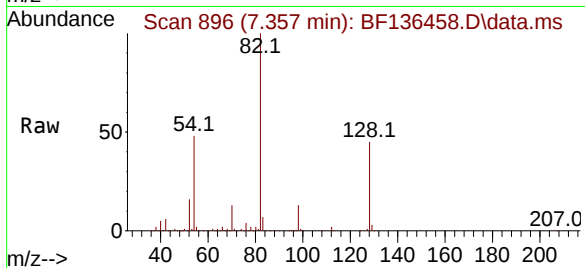
Tgt Ion: 82 Resp: 466263

Ion Ratio Lower Upper

82 100

128 45.4 36.3 54.5

54 47.9 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136458.D

Acq: 07 Dec 2023 21:09

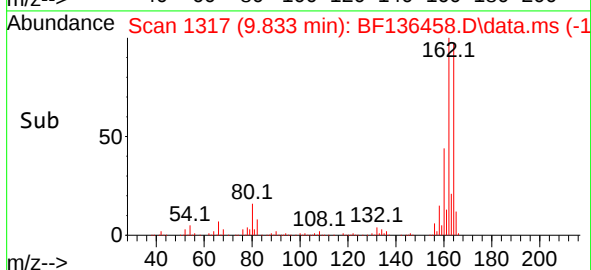
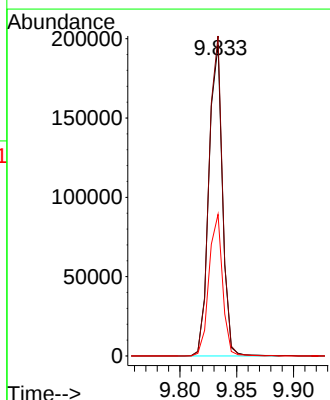
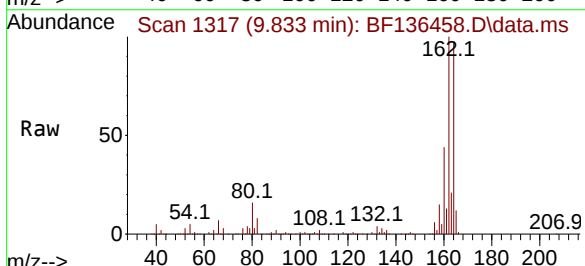
Tgt Ion:164 Resp: 162338

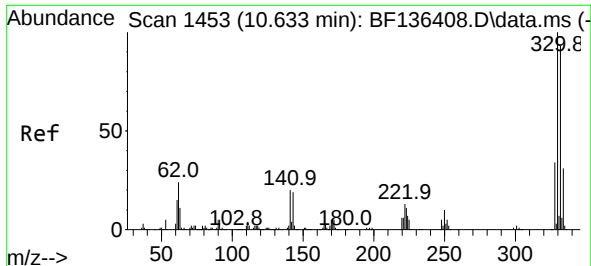
Ion Ratio Lower Upper

164 100

162 102.8 84.4 126.6

160 45.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 70.215 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136458.D

Acq: 07 Dec 2023 21:09

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-08

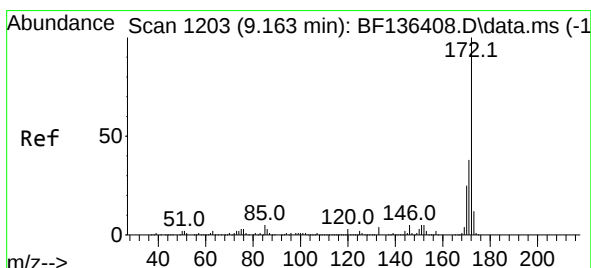
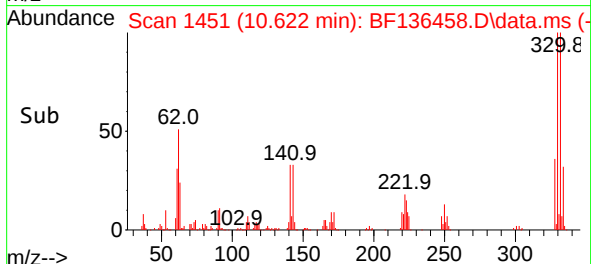
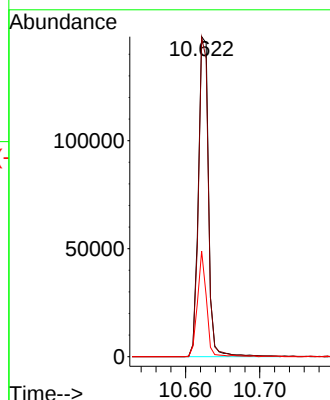
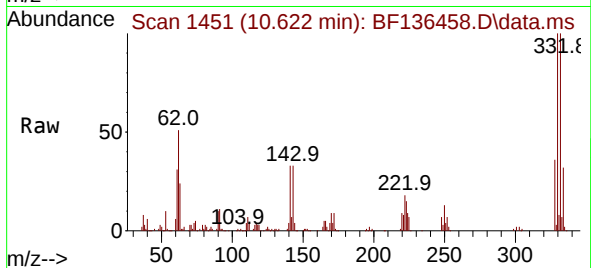
Tgt Ion:330 Resp: 140546

Ion Ratio Lower Upper

330 100

332 96.7 76.4 114.6

141 29.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 73.636 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136458.D

Acq: 07 Dec 2023 21:09

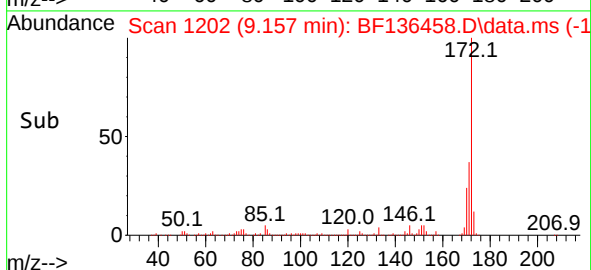
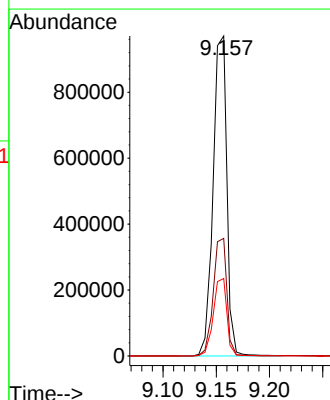
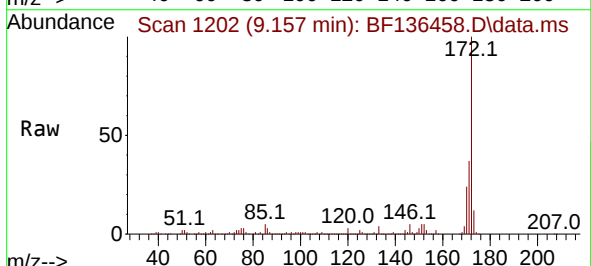
Tgt Ion:172 Resp: 876065

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

170 24.2 19.9 29.9

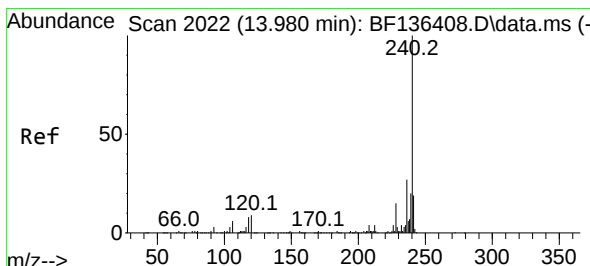
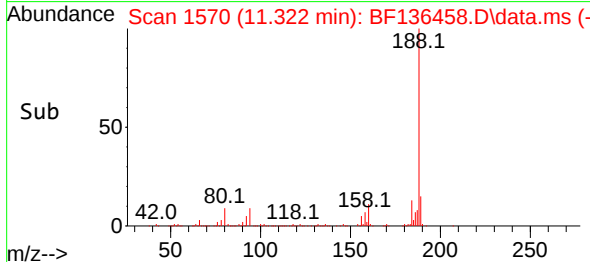
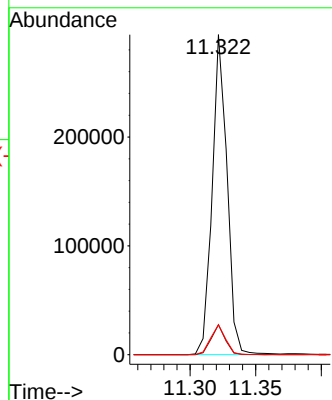
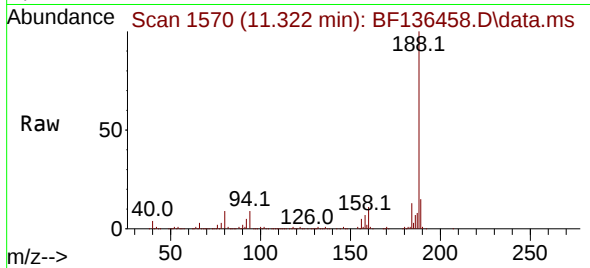




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

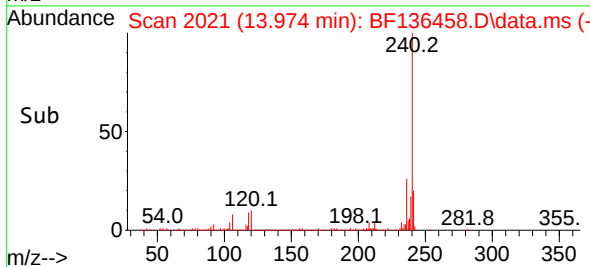
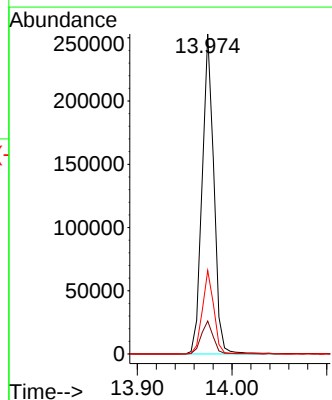
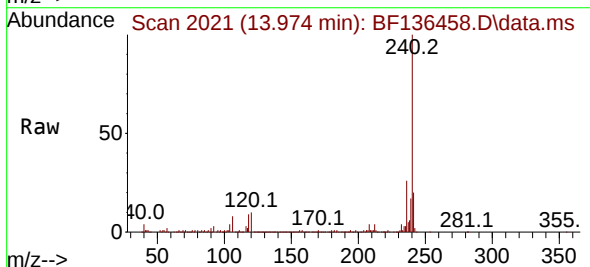
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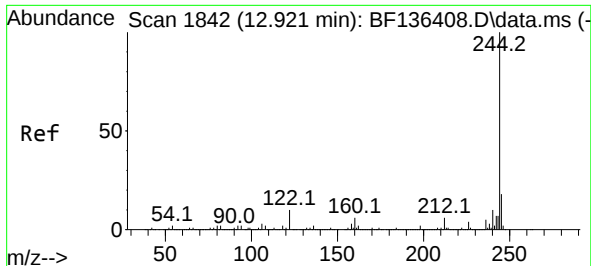
Tgt Ion:188 Resp: 231913
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

Tgt Ion:240 Resp: 217895
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 26.1 21.3 31.9

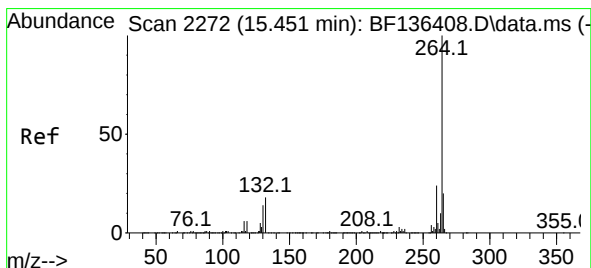
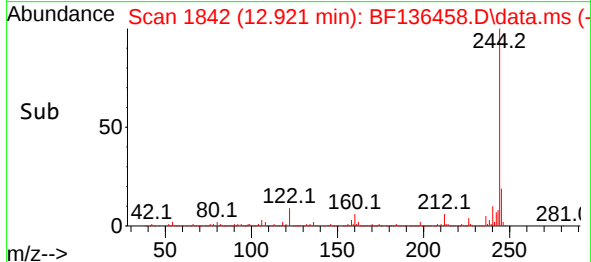
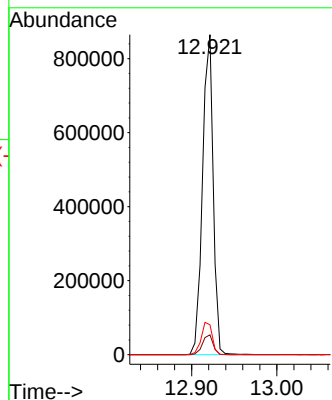
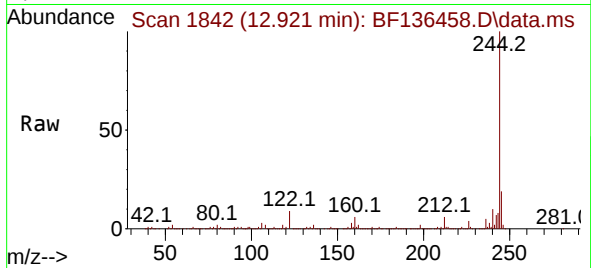




#79
 Terphenyl-d14
 Concen: 45.543 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136458.D
 Acq: 07 Dec 2023 21:09

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-08

Tgt Ion:244 Resp: 752901
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.006 min
 Lab File: BF136458.D
 Acq: 07 Dec 2023 21:09

Tgt Ion:264 Resp: 194504
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 20.9 15.9 23.9

