

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136483.D
 Acq On : 08 Dec 2023 23:30
 Operator : CG\JU
 Sample : 05599-15RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-08RE

Quant Time: Dec 08 23:54:54 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	6.792	152	121157	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	478552	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	226327	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	339119	20.000	ng	0.00
76) Chrysene-d12	13.968	240	234514	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	205723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	717989	87.518	ng	0.00
7) Phenol-d6	6.440	99	900608	87.988	ng	0.00
23) Nitrobenzene-d5	7.357	82	544057	61.460	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	195272	69.974	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1081836	65.223	ng	-0.01
79) Terphenyl-d14	12.916	244	874170	49.131	ng	0.00

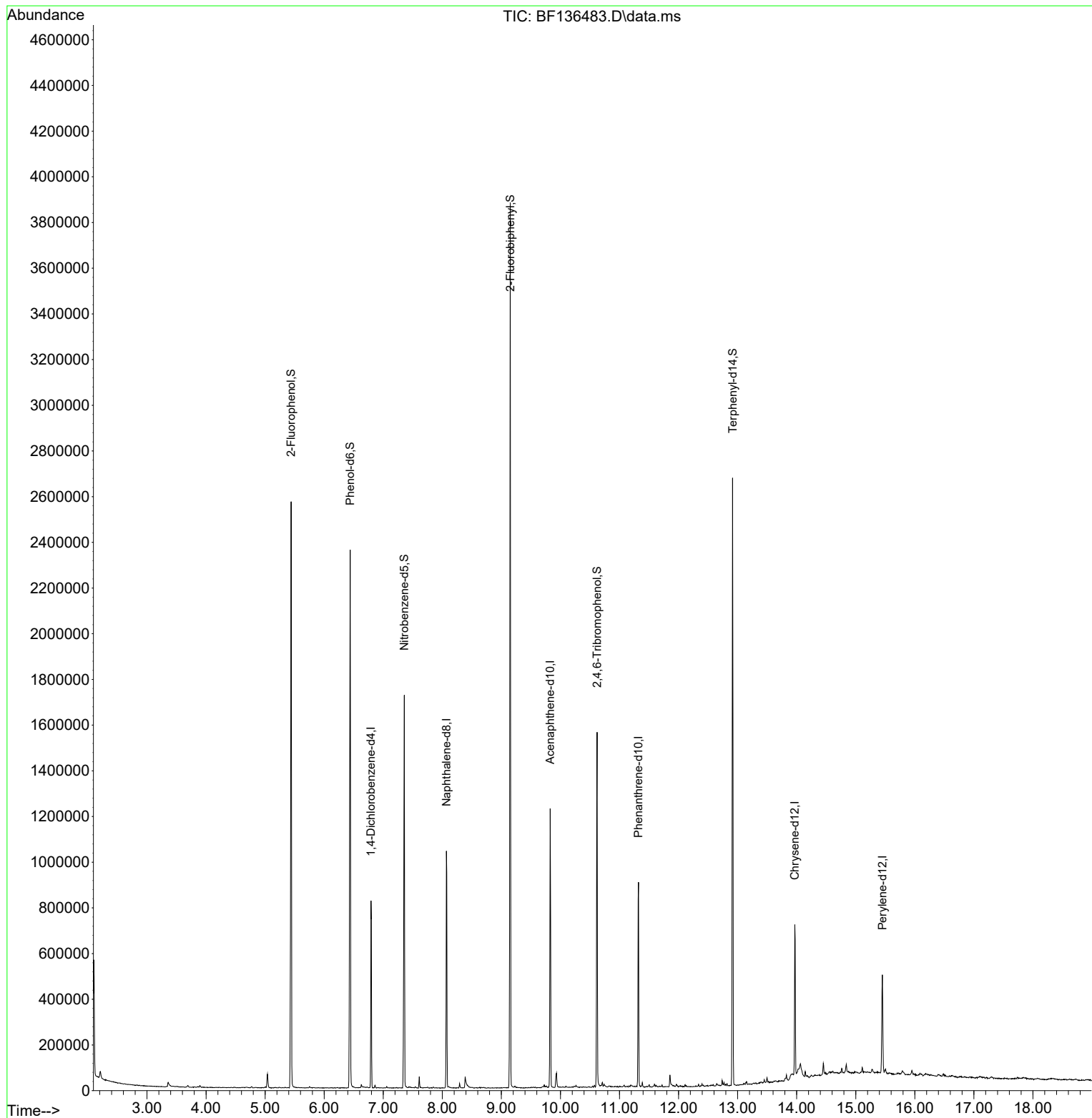
Target Compounds	Qvalue

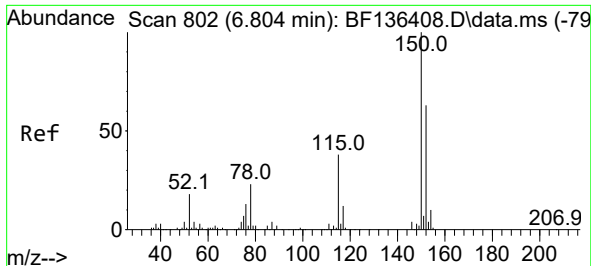
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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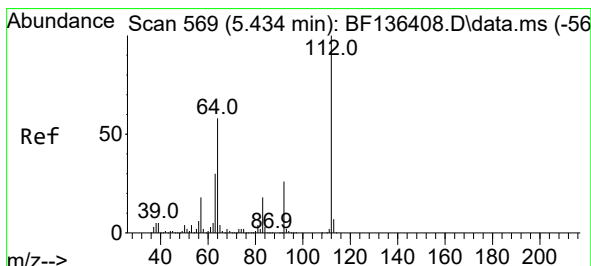
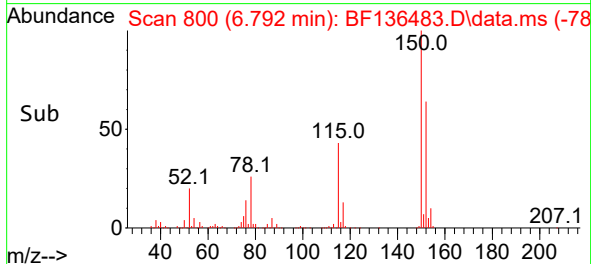
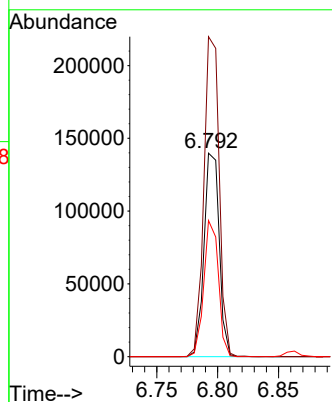
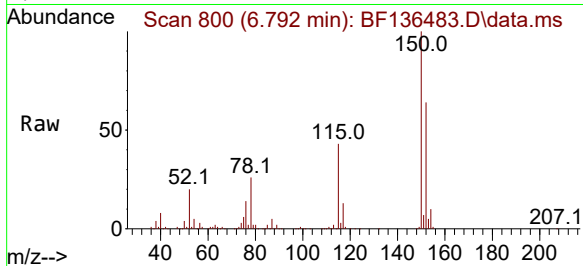




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF136483.D
 Acq: 08 Dec 2023 23:30

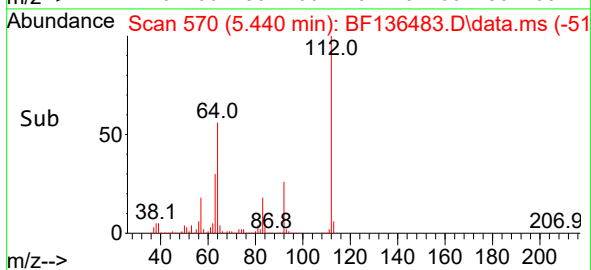
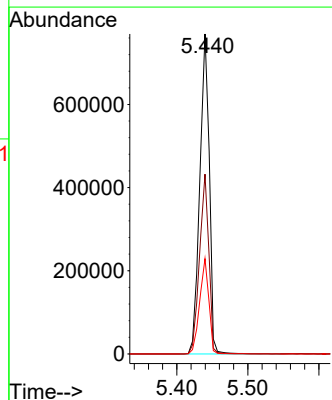
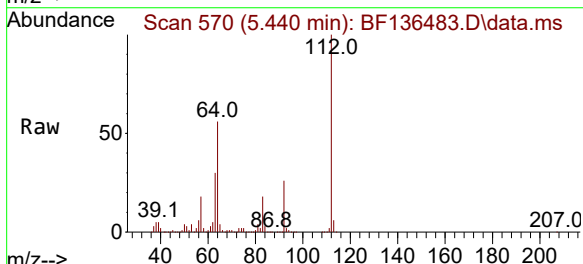
Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-08RE

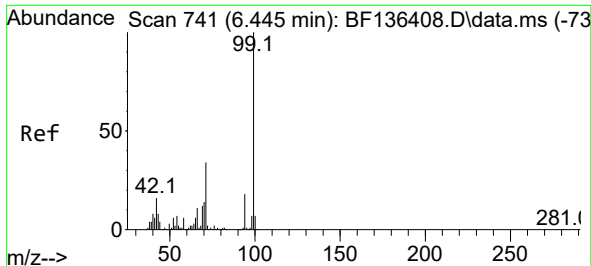
Tgt Ion:152 Resp: 121157
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.4 189.6
 115 66.9 48.2 72.4



#5
 2-Fluorophenol
 Concen: 87.518 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: BF136483.D
 Acq: 08 Dec 2023 23:30

Tgt Ion:112 Resp: 717989
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.5 69.7
 63 29.8 23.9 35.9

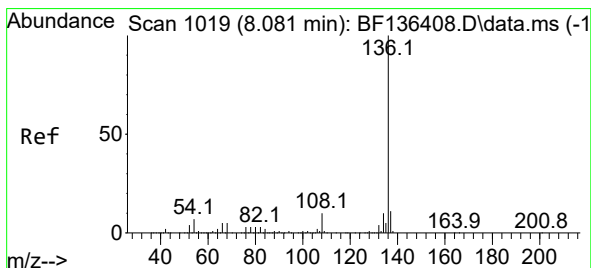
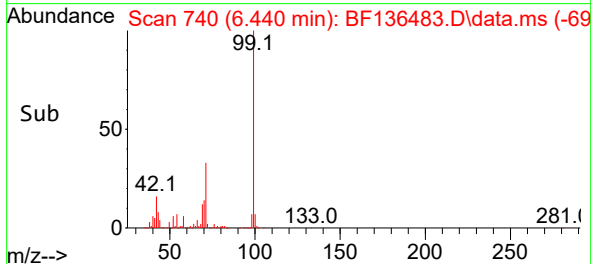
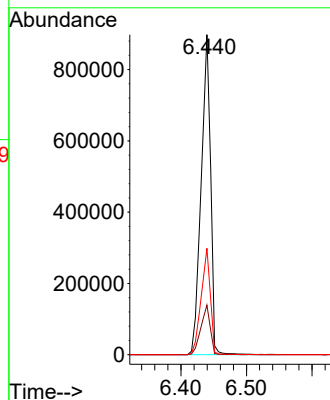
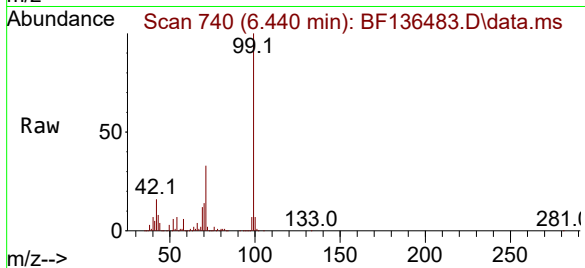




#7
Phenol-d6
Concen: 87.988 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

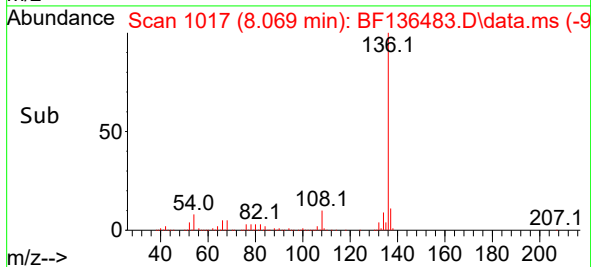
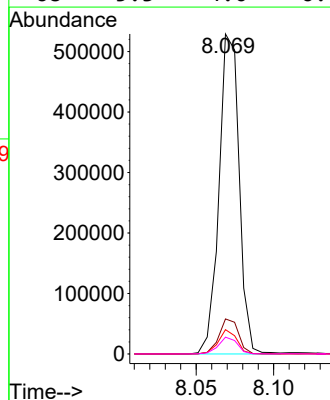
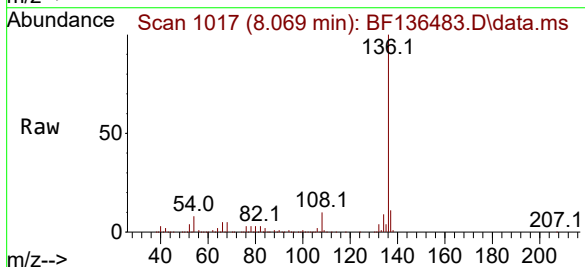
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08RE

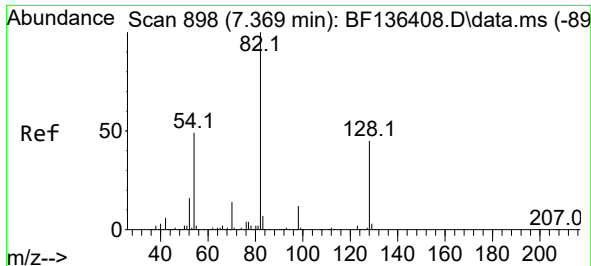
Tgt Ion: 99 Resp: 900608
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 33.3 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

Tgt Ion:136 Resp: 478552
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.6 5.7 8.5
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 61.460 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136483.D

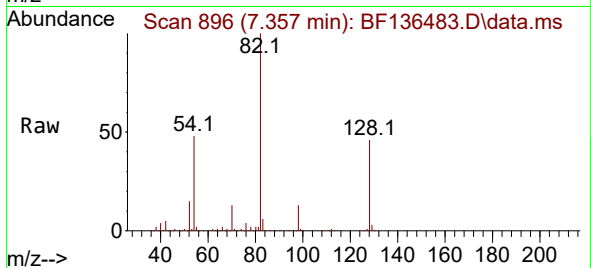
Acq: 08 Dec 2023 23:30

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-08RE



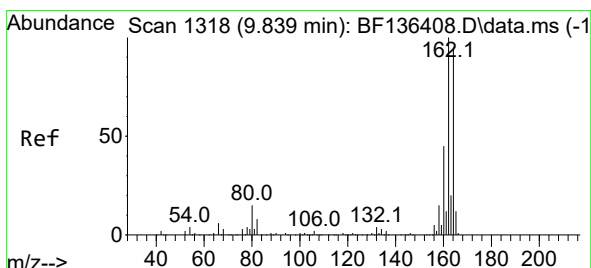
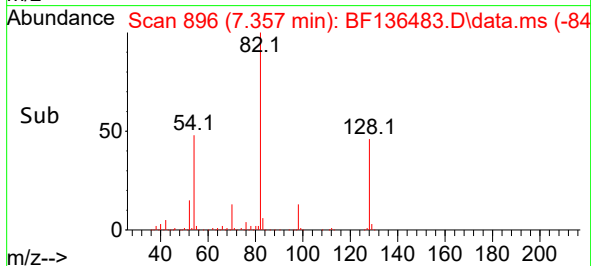
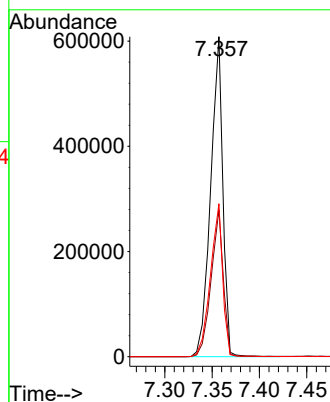
Tgt Ion: 82 Resp: 544057

Ion Ratio Lower Upper

82 100

128 45.8 36.3 54.5

54 47.8 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: BF136483.D

Acq: 08 Dec 2023 23:30

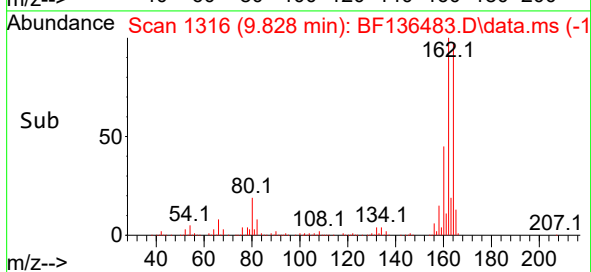
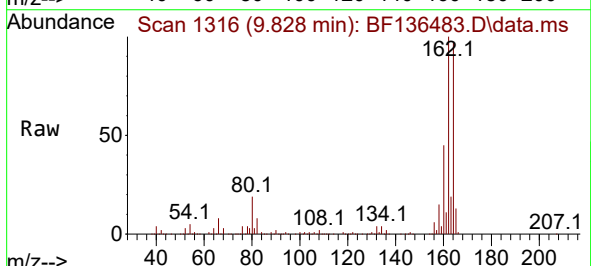
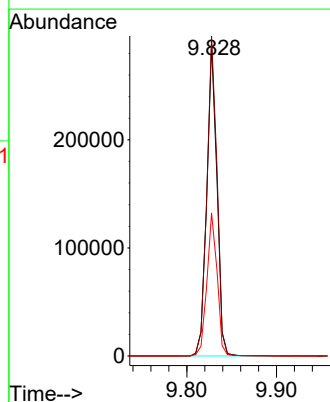
Tgt Ion: 164 Resp: 226327

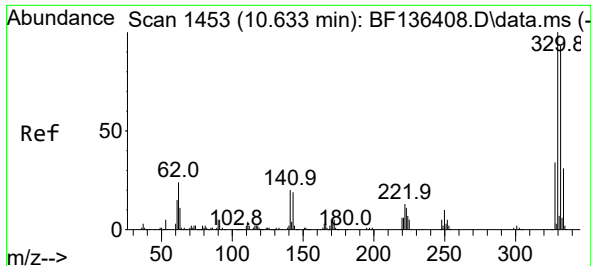
Ion Ratio Lower Upper

164 100

162 102.6 84.4 126.6

160 45.9 37.6 56.4

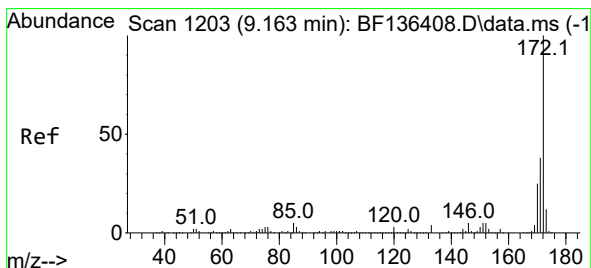
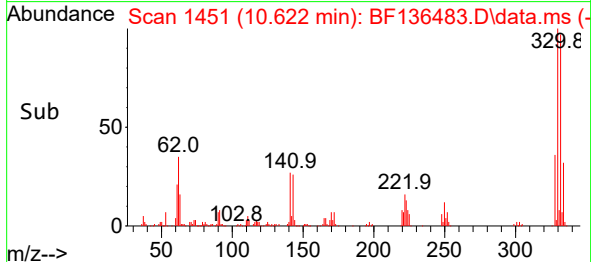
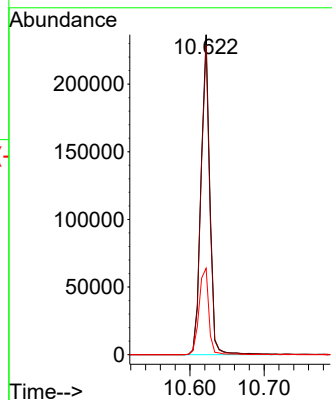
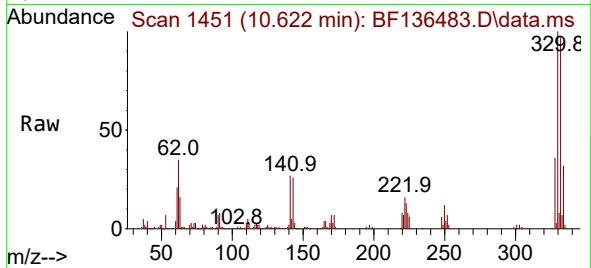




#42
2,4,6-Tribromophenol
Concen: 69.974 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

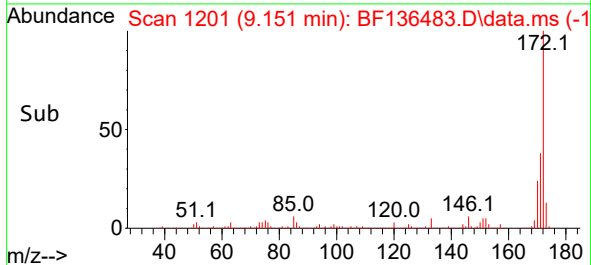
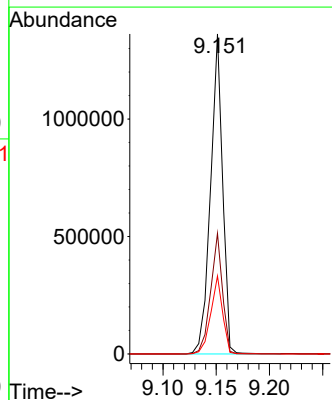
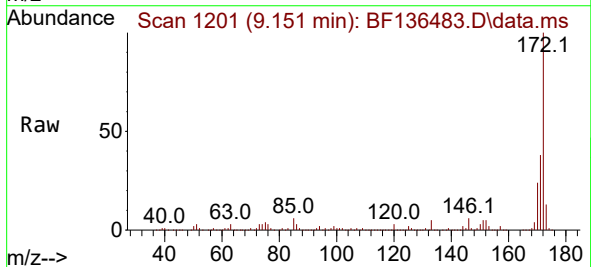
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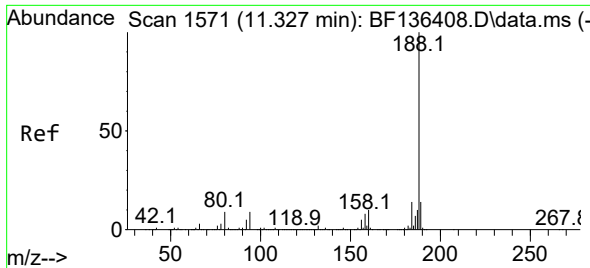
Tgt Ion:330 Resp: 195272
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 29.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 65.223 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

Tgt Ion:172 Resp: 1081836
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.3 19.9 29.9

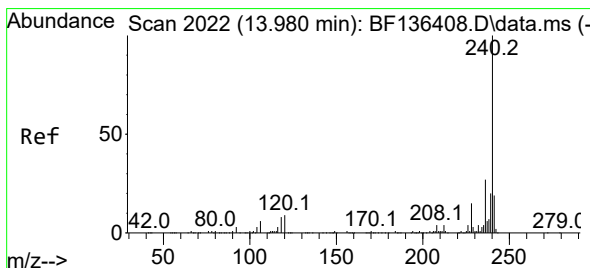
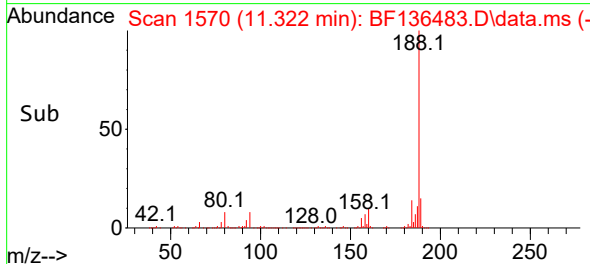
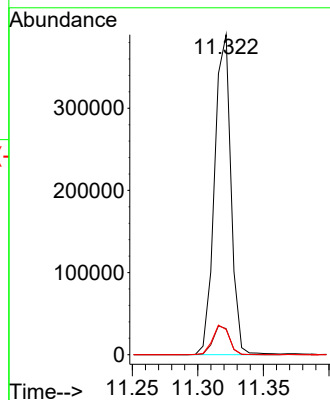
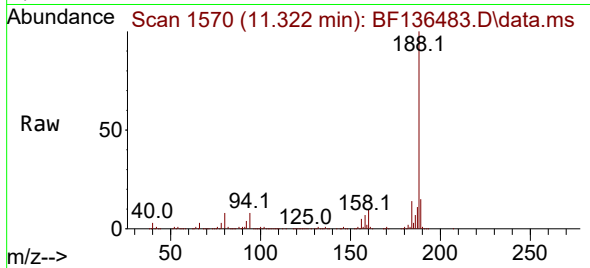




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

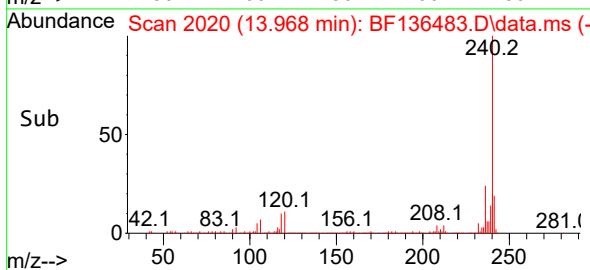
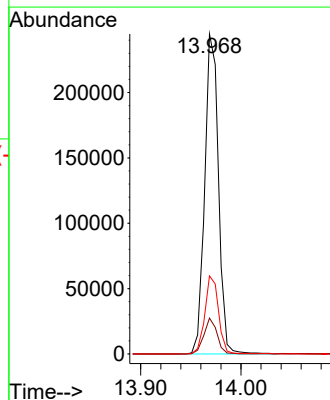
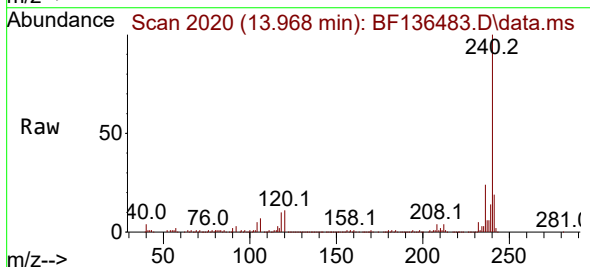
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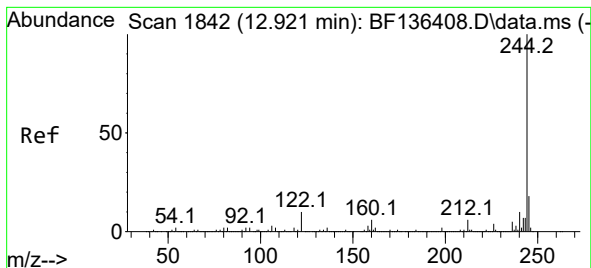
Tgt Ion:188 Resp: 339119
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 7.8 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

Tgt Ion:240 Resp: 234514
Ion Ratio Lower Upper
240 100
120 11.2 7.3 10.9#
236 24.4 21.3 31.9





#79

Terphenyl-d14

Concen: 49.131 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136483.D

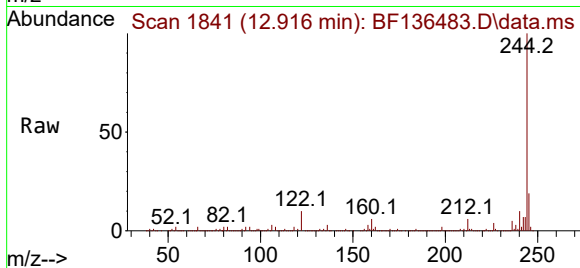
Acq: 08 Dec 2023 23:30

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-08RE



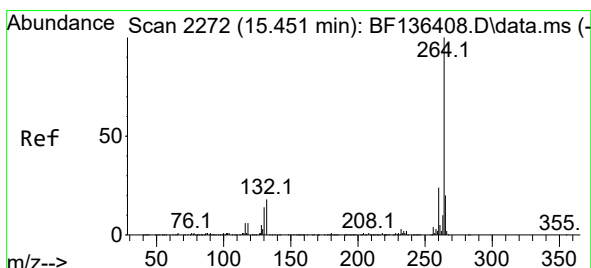
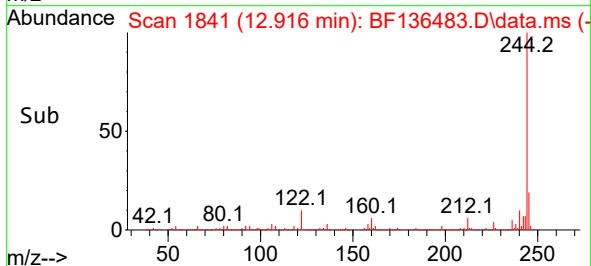
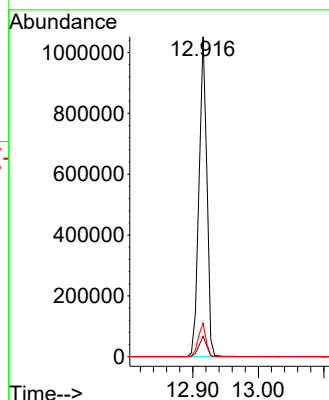
Tgt Ion:244 Resp: 874170

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.5 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: BF136483.D

Acq: 08 Dec 2023 23:30

Tgt Ion:264 Resp: 205723

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.4 15.9 23.9

