

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136478.D
 Acq On : 08 Dec 2023 20:46
 Operator : CG\JU
 Sample : 05599-03RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-02RE

Quant Time: Dec 08 22:31:03 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	123028	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	476454	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	223468	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	329477	20.000	ng	0.00
76) Chrysene-d12	13.974	240	238011	20.000	ng	0.00
86) Perylene-d12	15.451	264	210544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	678771	81.480	ng	0.01
7) Phenol-d6	6.439	99	942421	90.673	ng	0.00
23) Nitrobenzene-d5	7.357	82	610662	69.288	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	154843	56.197	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1217179	74.321	ng	-0.01
79) Terphenyl-d14	12.916	244	994091	55.050	ng	0.00

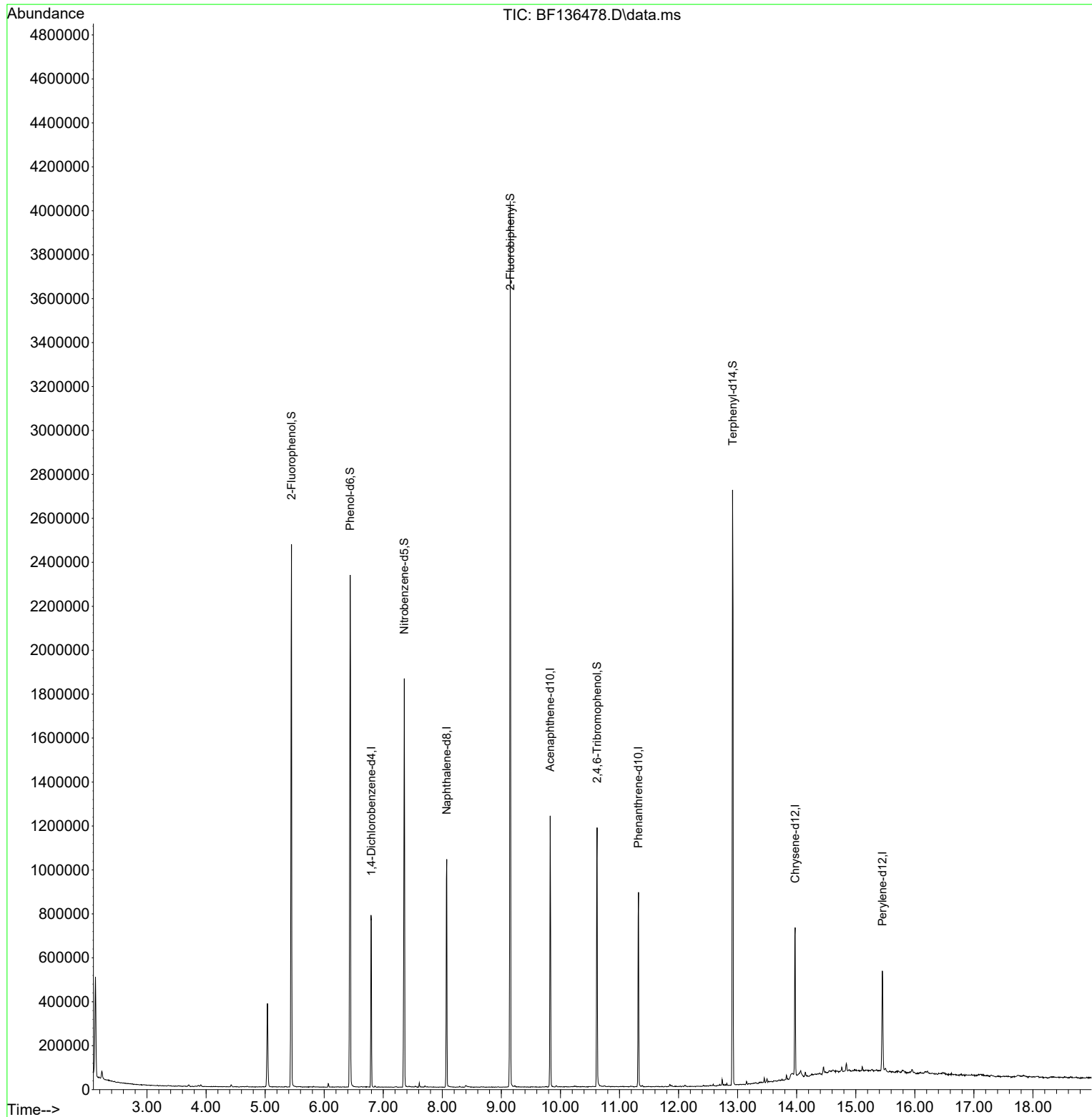
Target Compounds	Qvalue

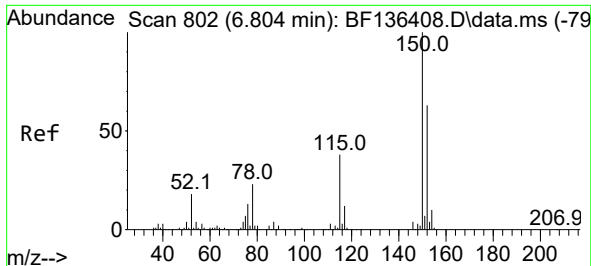
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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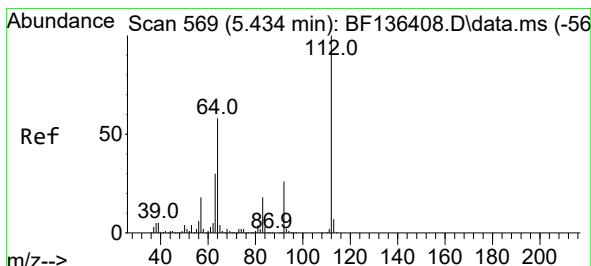
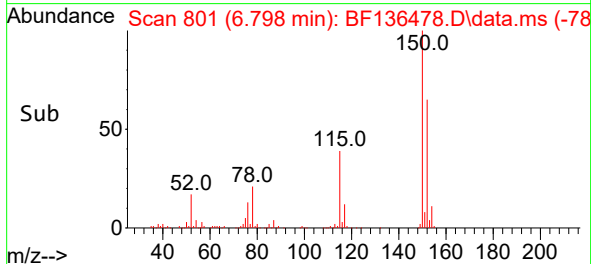
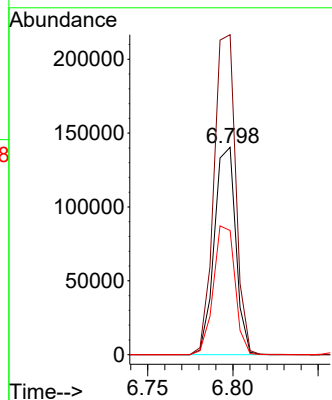
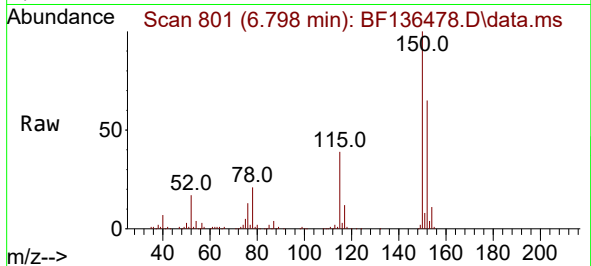




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136478.D
Acq: 08 Dec 2023 20:46

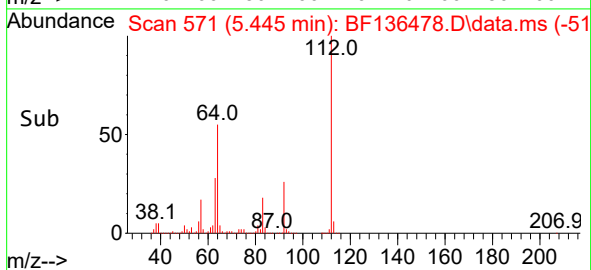
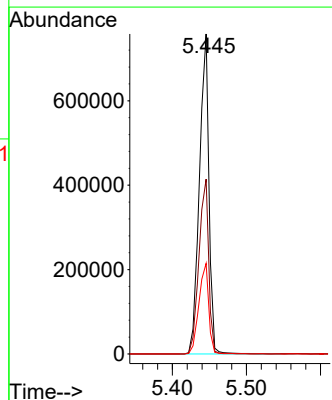
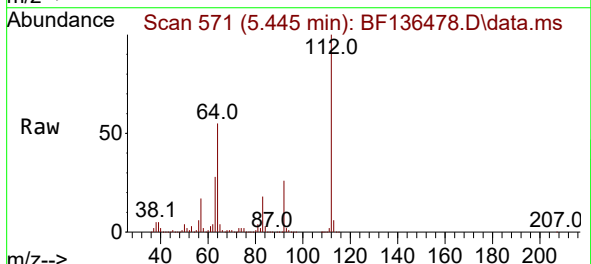
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-02RE

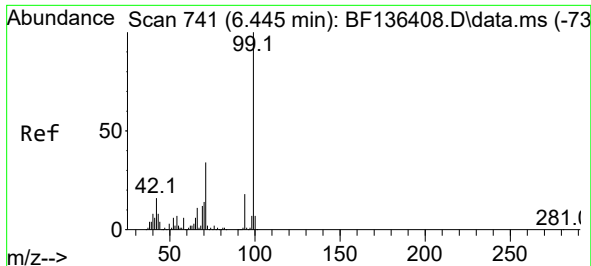
Tgt Ion:152 Resp: 123028
Ion Ratio Lower Upper
152 100
150 154.4 126.4 189.6
115 59.9 48.2 72.4



#5
2-Fluorophenol
Concen: 81.480 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136478.D
Acq: 08 Dec 2023 20:46

Tgt Ion:112 Resp: 678771
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 28.3 23.9 35.9

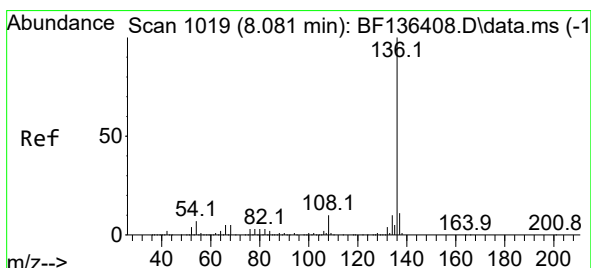
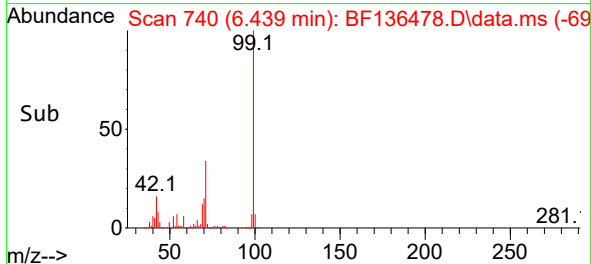
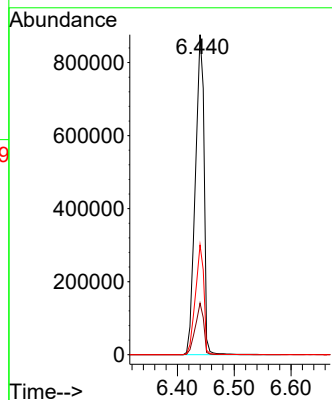
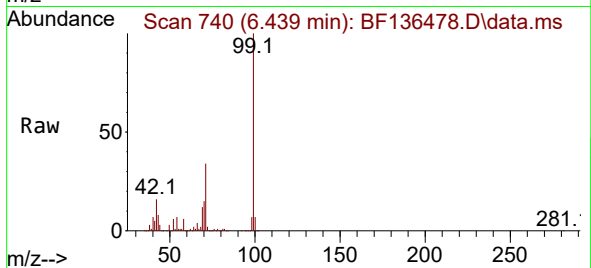




#7
Phenol-d6
Concen: 90.673 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136478.D
Acq: 08 Dec 2023 20:46

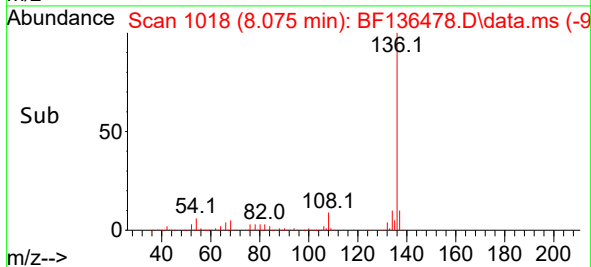
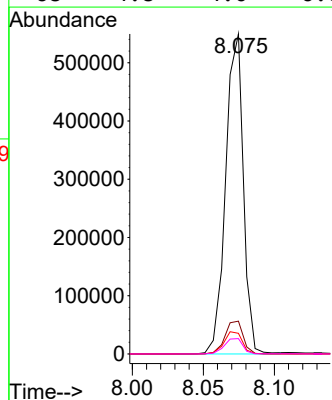
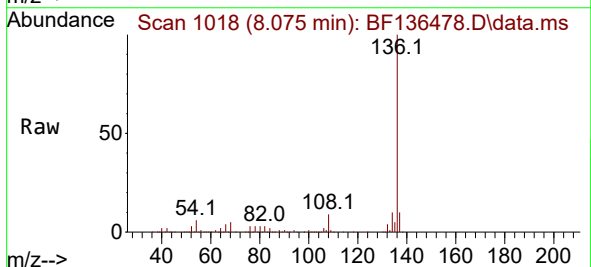
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-02RE

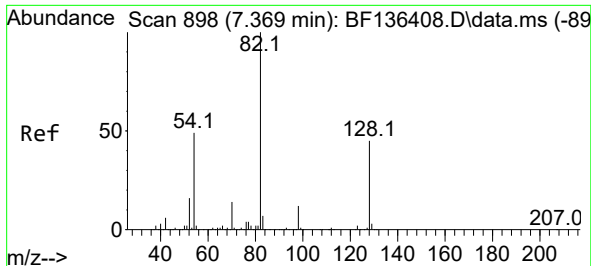
Tgt Ion: 99 Resp: 942421
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 34.3 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136478.D
Acq: 08 Dec 2023 20:46

Tgt Ion: 136 Resp: 476454
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 6.4 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 69.288 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136478.D

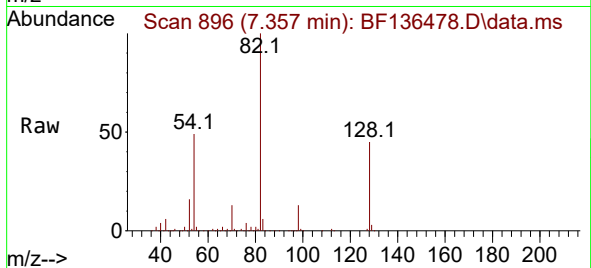
Acq: 08 Dec 2023 20:46

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-02RE



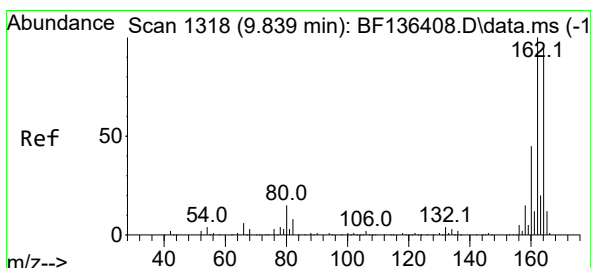
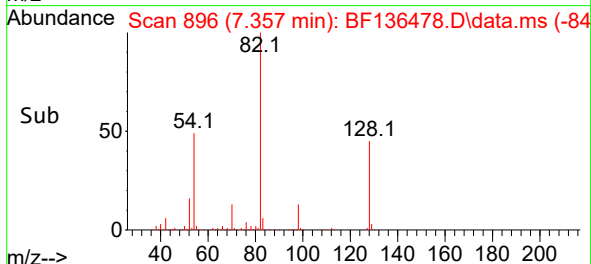
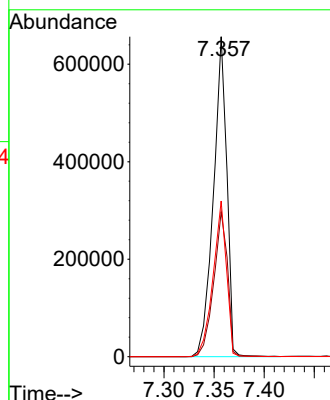
Tgt Ion: 82 Resp: 610662

Ion Ratio Lower Upper

82 100

128 45.3 36.3 54.5

54 48.6 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: BF136478.D

Acq: 08 Dec 2023 20:46

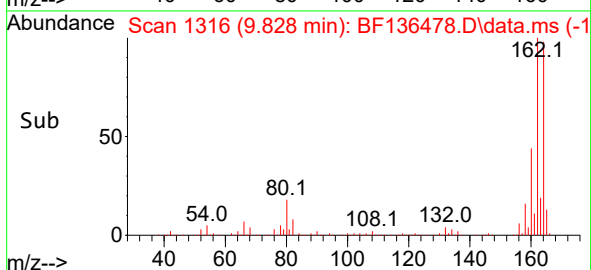
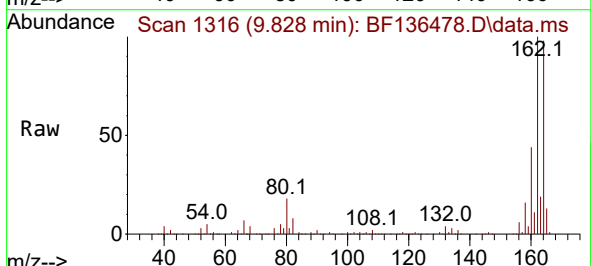
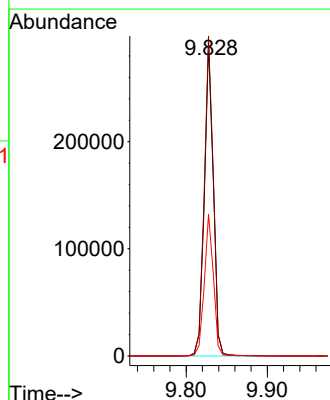
Tgt Ion: 164 Resp: 223468

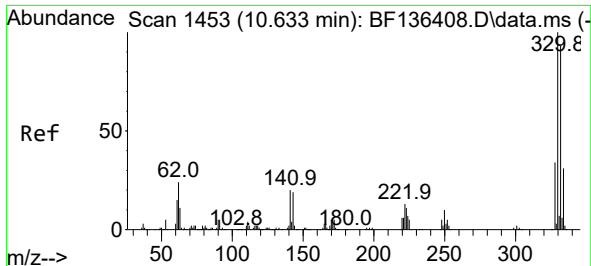
Ion Ratio Lower Upper

164 100

162 102.5 84.4 126.6

160 45.5 37.6 56.4

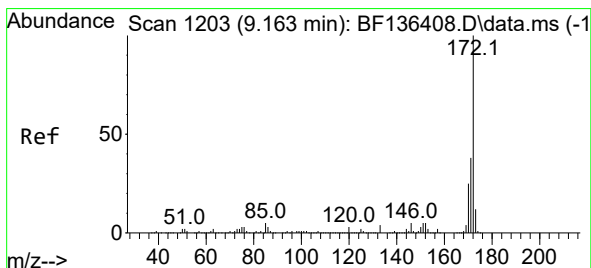
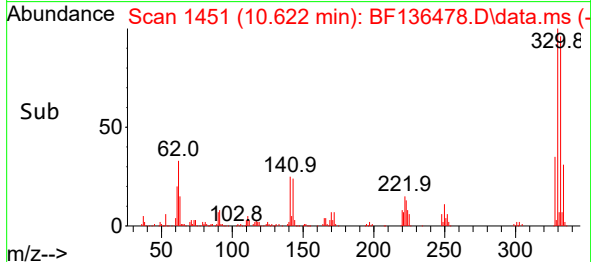
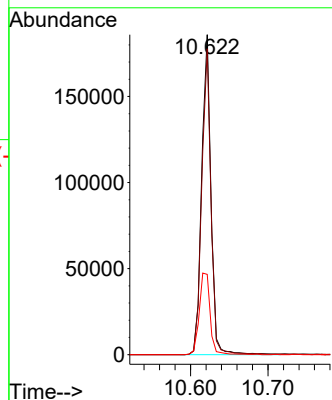
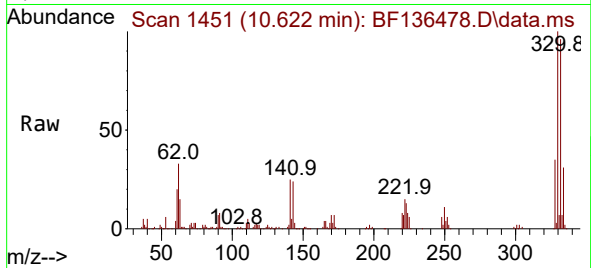




#42
2,4,6-Tribromophenol
Concen: 56.197 ng
RT: 10.622 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF136478.D
Acq: 08 Dec 2023 20:46

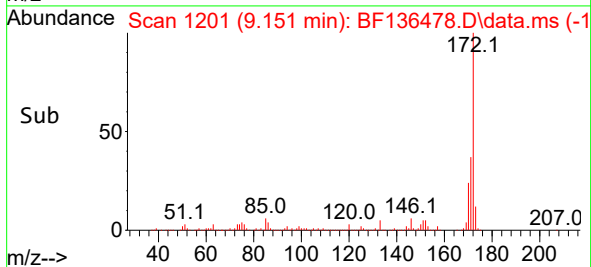
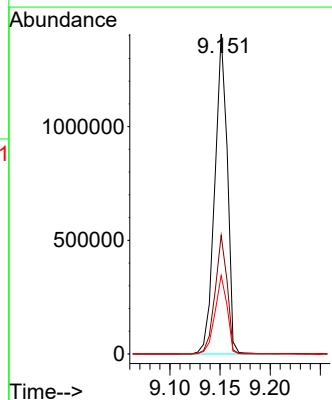
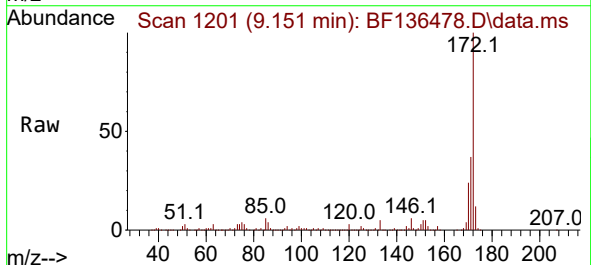
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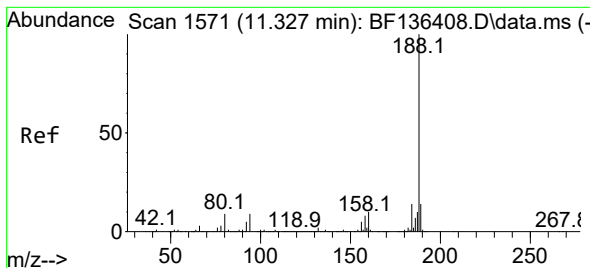
Tgt Ion: 330 Resp: 154843
Ion Ratio Lower Upper
330 100
332 94.9 76.4 114.6
141 29.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 74.321 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136478.D
Acq: 08 Dec 2023 20:46

Tgt Ion: 172 Resp: 1217179
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 24.5 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136478.D

Acq: 08 Dec 2023 20:46

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-02RE

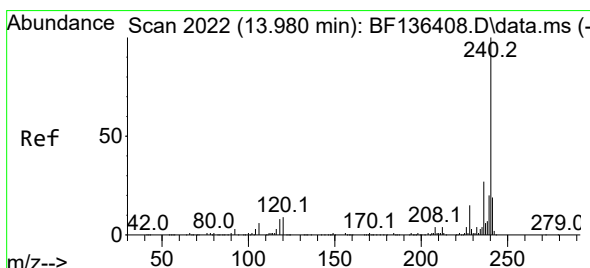
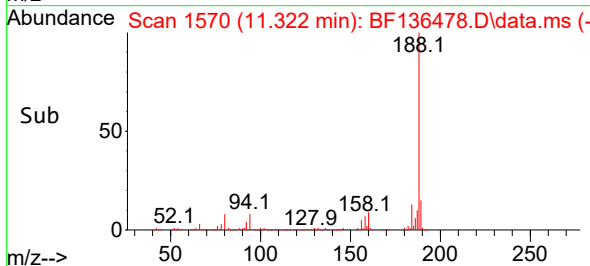
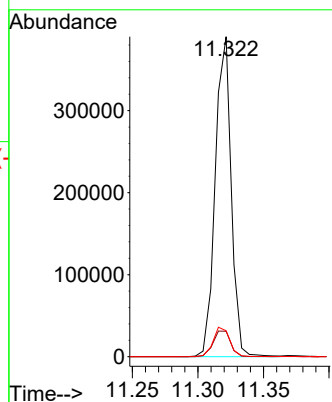
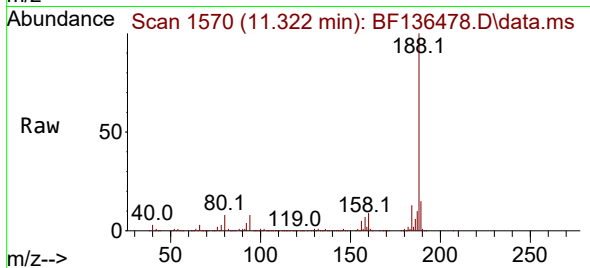
Tgt Ion:188 Resp: 329477

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

80 8.1 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: BF136478.D

Acq: 08 Dec 2023 20:46

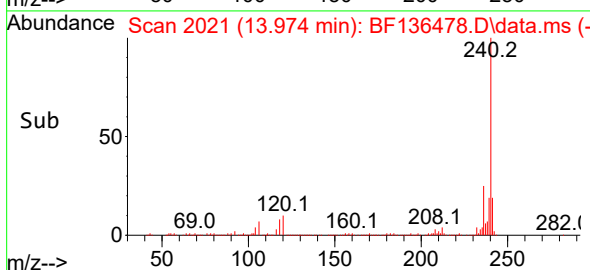
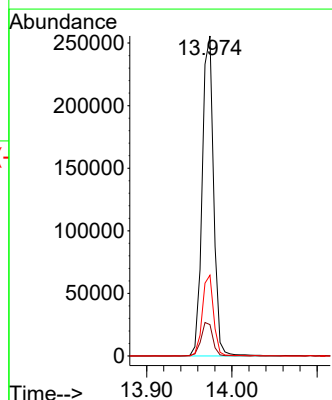
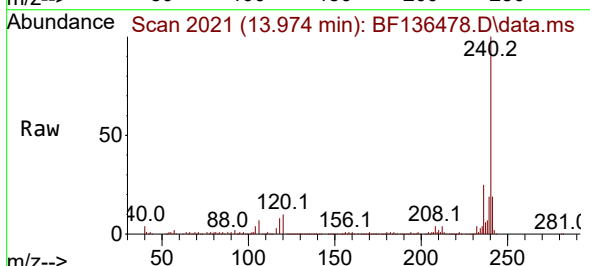
Tgt Ion:240 Resp: 238011

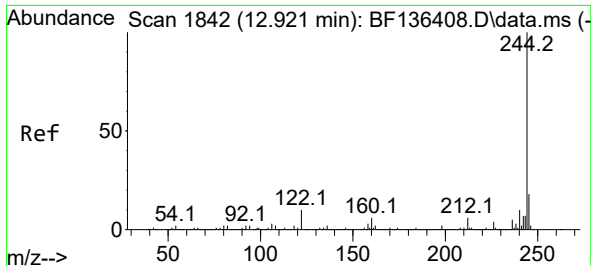
Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

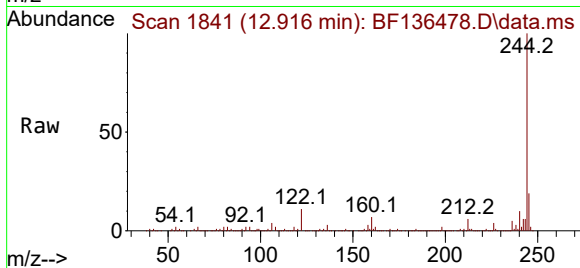
236 25.2 21.3 31.9



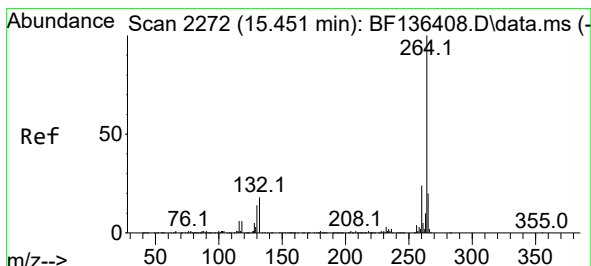
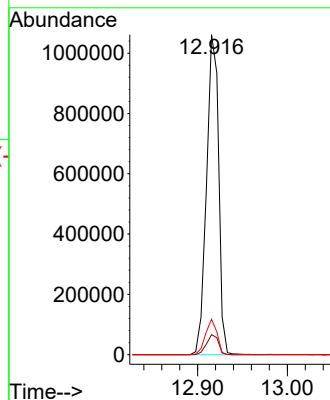
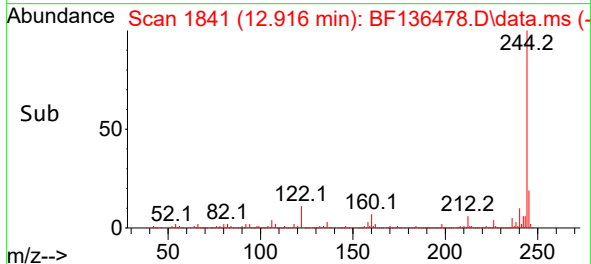


#79
 Terphenyl-d14
 Concen: 55.050 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136478.D
 Acq: 08 Dec 2023 20:46

Instrument :
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 LKWD-BACKFILL-02RE



Tgt Ion:244 Resp: 994091
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.1 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: BF136478.D
 Acq: 08 Dec 2023 20:46

Tgt Ion:264 Resp: 210544
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.3 15.9 23.9

