

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136480.D
 Acq On : 08 Dec 2023 21:51
 Operator : CG\JU
 Sample : 05599-09RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-05RE

Quant Time: Dec 08 22:31:29 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	117569	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	463358	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	220380	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	329818	20.000	ng	0.00
76) Chrysene-d12	13.974	240	223283	20.000	ng	0.00
86) Perylene-d12	15.451	264	202903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	760565	95.537	ng	0.01
7) Phenol-d6	6.439	99	952392	95.887	ng	0.00
23) Nitrobenzene-d5	7.357	82	564095	65.813	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	211771	77.934	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1135356	70.296	ng	-0.01
79) Terphenyl-d14	12.915	244	925611	54.639	ng	0.00

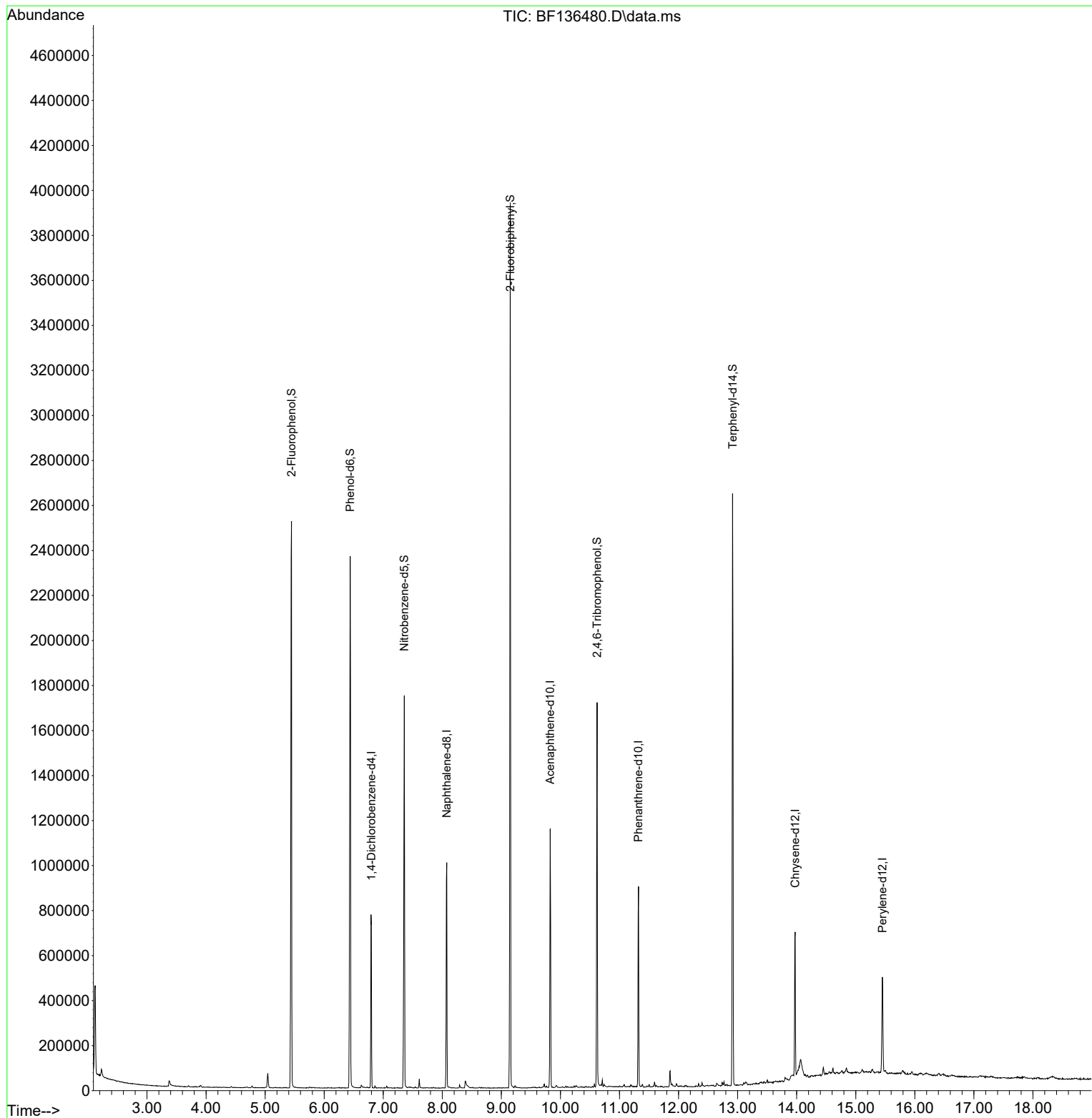
Target Compounds	Qvalue

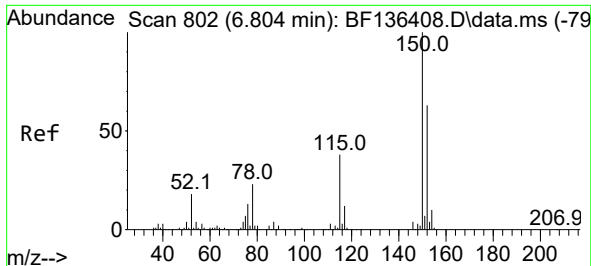
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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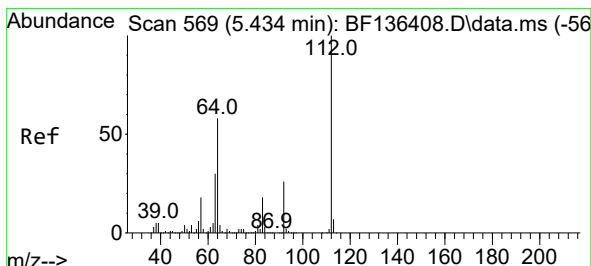
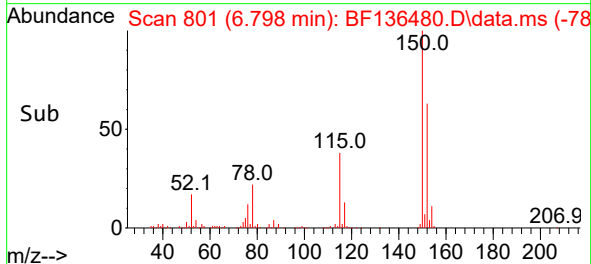
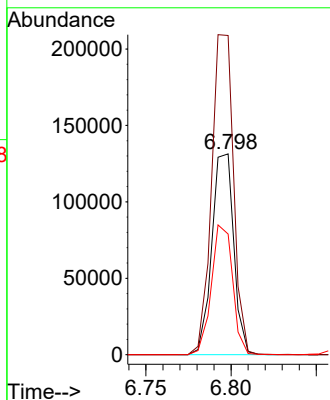
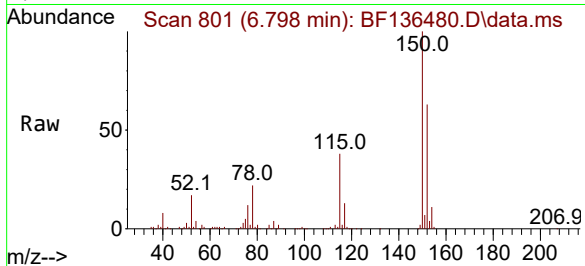




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 802
 Delta R.T. -0.006 min
 Lab File: BF136480.D
 Acq: 08 Dec 2023 21:51

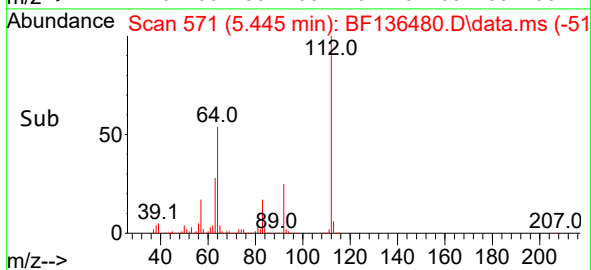
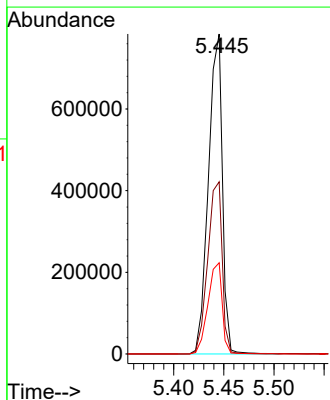
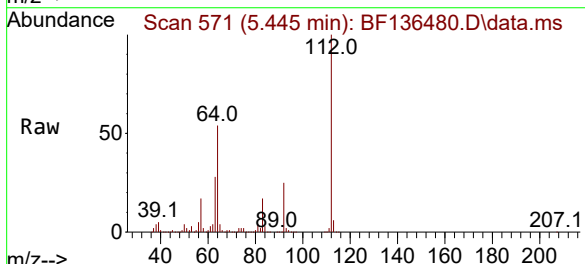
Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-05RE

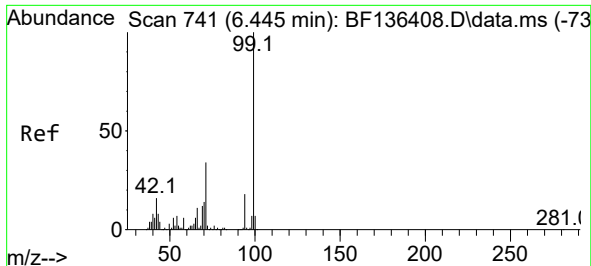
Tgt Ion:152 Resp: 117569
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.4 189.6
 115 60.1 48.2 72.4



#5
 2-Fluorophenol
 Concen: 95.537 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: BF136480.D
 Acq: 08 Dec 2023 21:51

Tgt Ion:112 Resp: 760565
 Ion Ratio Lower Upper
 112 100
 64 53.8 46.5 69.7
 63 28.5 23.9 35.9

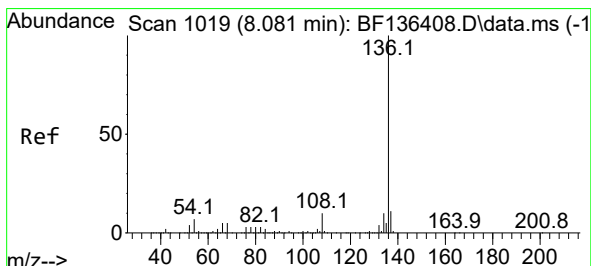
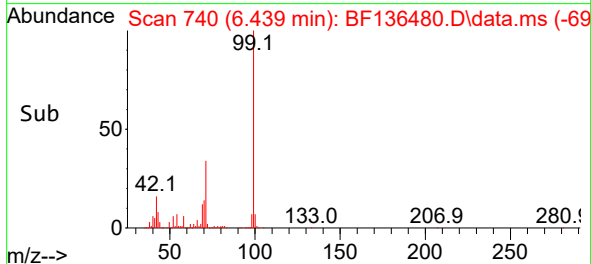
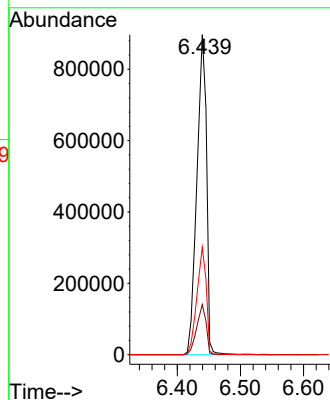
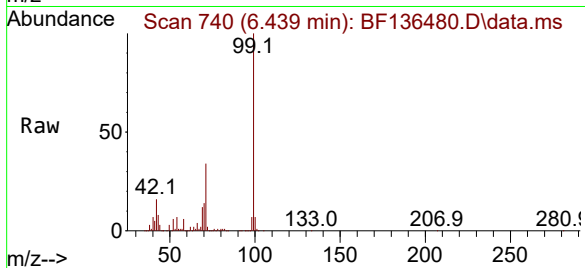




#7
Phenol-d6
Concen: 95.887 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136480.D
Acq: 08 Dec 2023 21:51

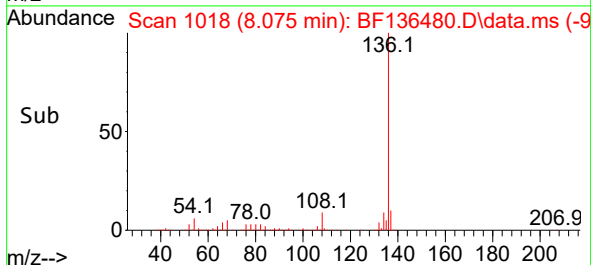
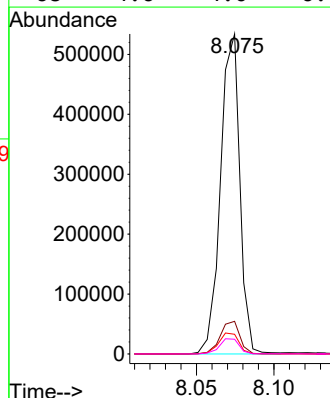
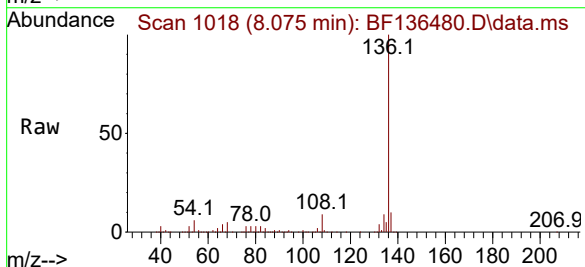
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-05RE

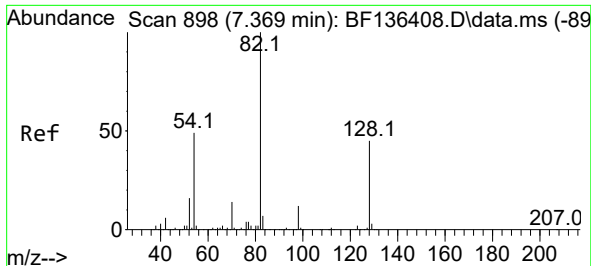
Tgt Ion: 99 Resp: 952392
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 33.6 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136480.D
Acq: 08 Dec 2023 21:51

Tgt Ion: 136 Resp: 463358
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 6.1 5.7 8.5
68 4.6 4.0 6.0





#23

Nitrobenzene-d5

Concen: 65.813 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136480.D

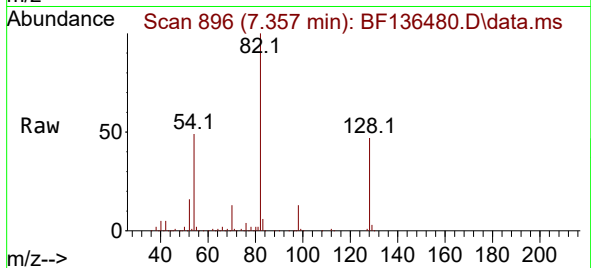
Acq: 08 Dec 2023 21:51

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-05RE



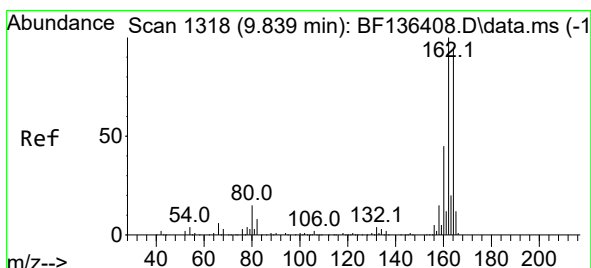
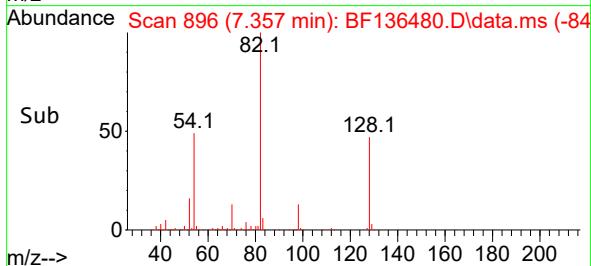
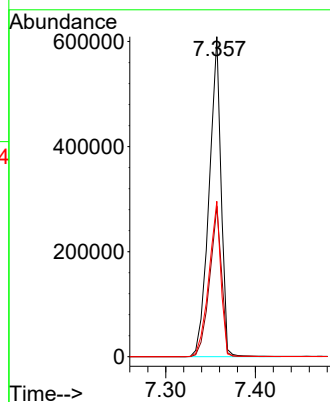
Tgt Ion: 82 Resp: 564095

Ion Ratio Lower Upper

82 100

128 47.0 36.3 54.5

54 48.6 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136480.D

Acq: 08 Dec 2023 21:51

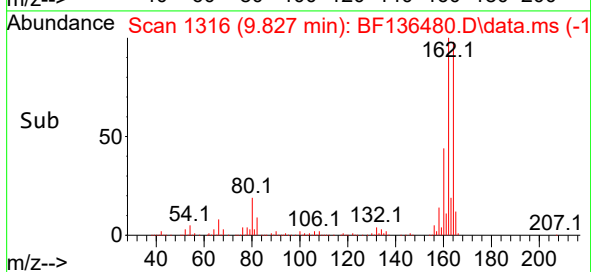
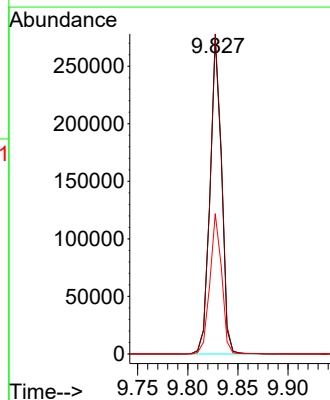
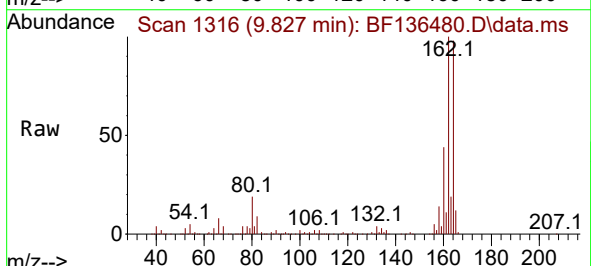
Tgt Ion: 164 Resp: 220380

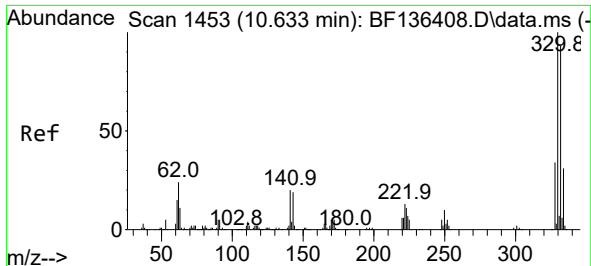
Ion Ratio Lower Upper

164 100

162 101.6 84.4 126.6

160 44.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 77.934 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136480.D

Acq: 08 Dec 2023 21:51

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-05RE

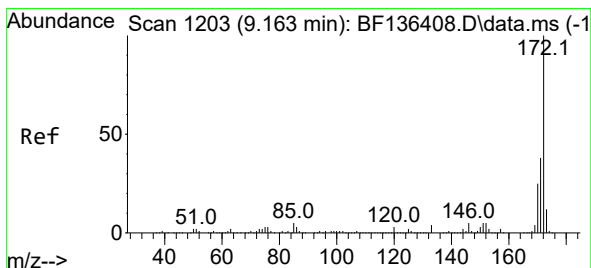
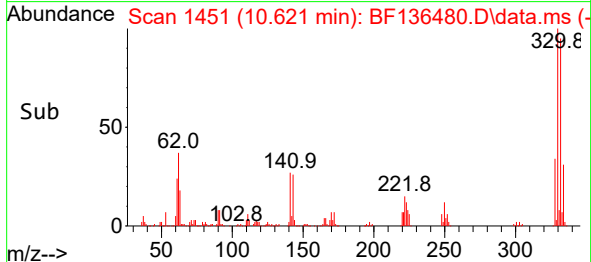
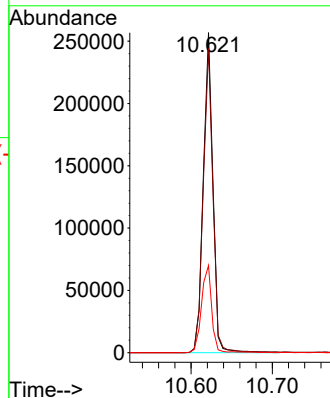
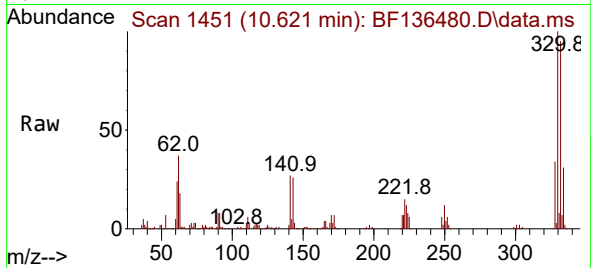
Tgt Ion:330 Resp: 211771

Ion Ratio Lower Upper

330 100

332 96.3 76.4 114.6

141 29.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 70.296 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136480.D

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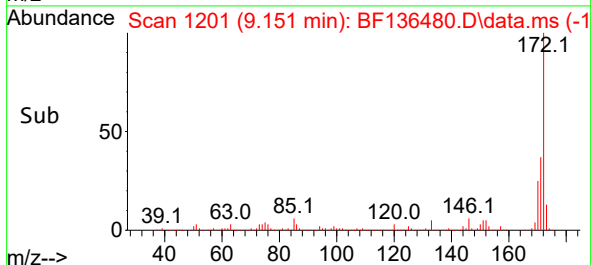
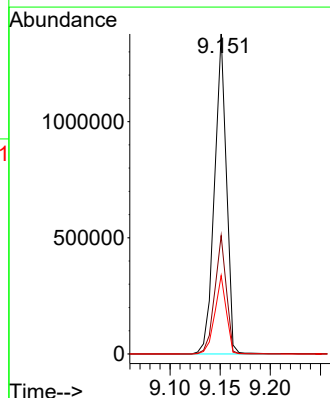
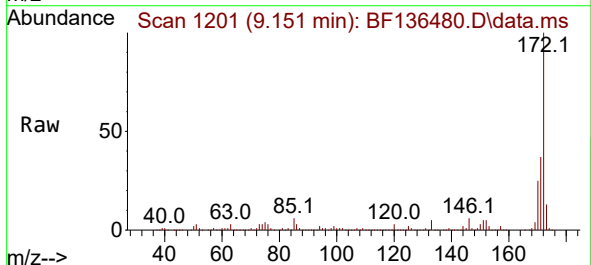
Tgt Ion:172 Resp: 1135356

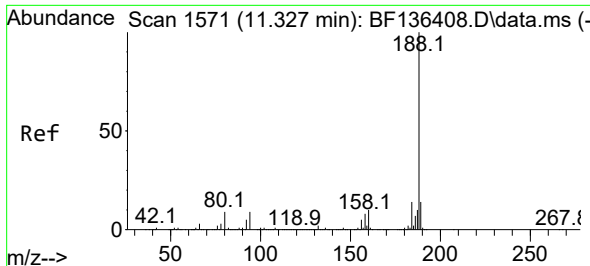
Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

170 24.5 19.9 29.9

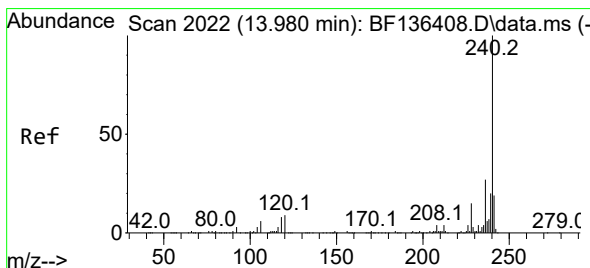
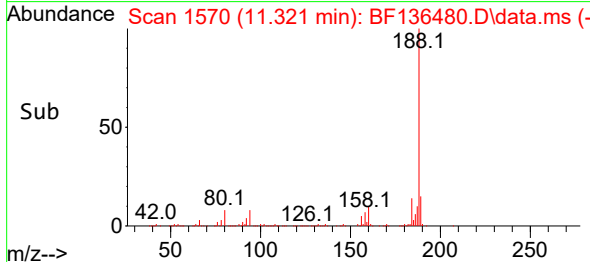
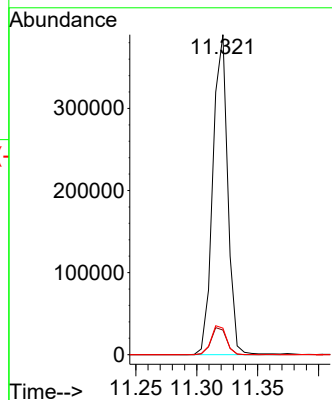
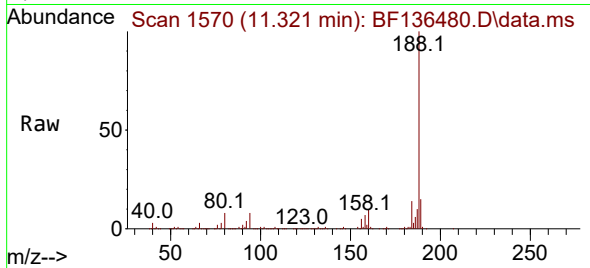




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136480.D
Acq: 08 Dec 2023 21:51

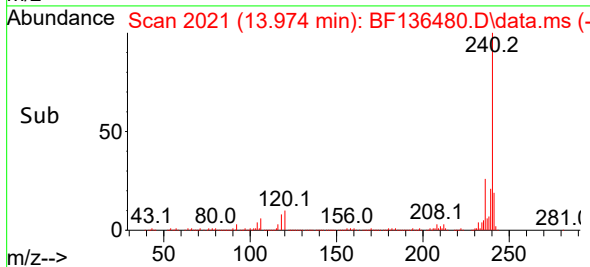
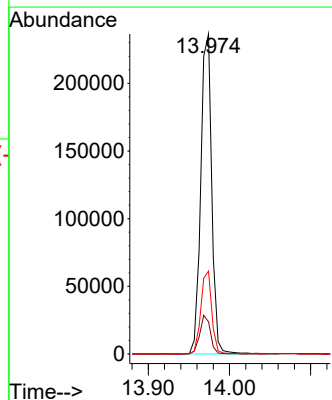
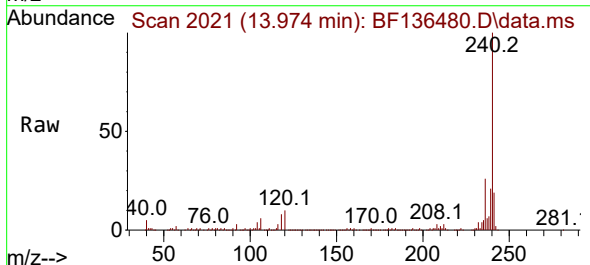
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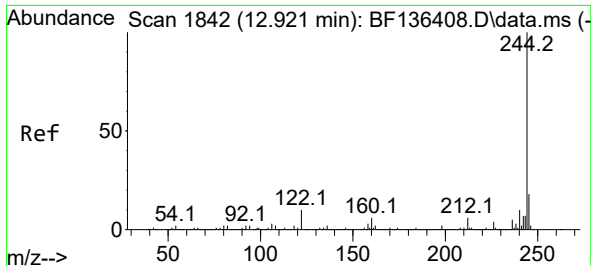
Tgt Ion:188 Resp: 329818
Ion Ratio Lower Upper
188 100
94 7.7 7.2 10.8
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136480.D
Acq: 08 Dec 2023 21:51

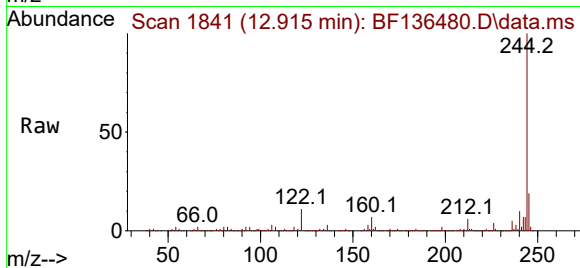
Tgt Ion:240 Resp: 223283
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.9 21.3 31.9



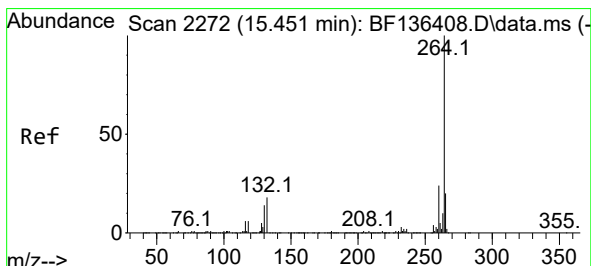
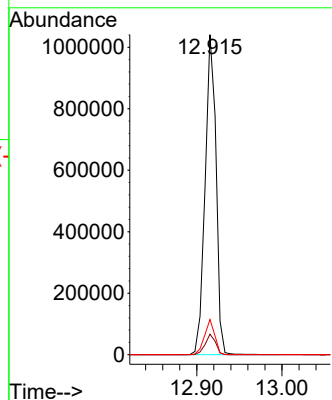
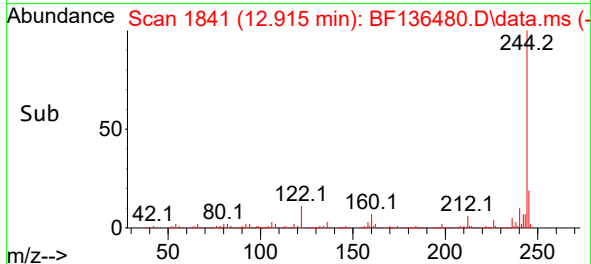


#79
 Terphenyl-d14
 Concen: 54.639 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136480.D
 Acq: 08 Dec 2023 21:51

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-05RE



Tgt Ion:244 Resp: 925611
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.0 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: BF136480.D
 Acq: 08 Dec 2023 21:51

Tgt Ion:264 Resp: 202903
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 22.1 15.9 23.9

