

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136457.D
 Acq On : 07 Dec 2023 20:37
 Operator : CG\JU
 Sample : 05599-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-07

Quant Time: Dec 08 00:43:00 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	108378	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	401521	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	154813	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	229328	20.000	ng	0.00
76) Chrysene-d12	13.974	240	215317	20.000	ng	0.00
86) Perylene-d12	15.457	264	184981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	690868	94.142	ng	0.01
7) Phenol-d6	6.445	99	827114	90.336	ng	0.00
23) Nitrobenzene-d5	7.363	82	507525	68.333	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	151579	79.408	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	932482	82.188	ng	0.00
79) Terphenyl-d14	12.921	244	807399	49.424	ng	0.00

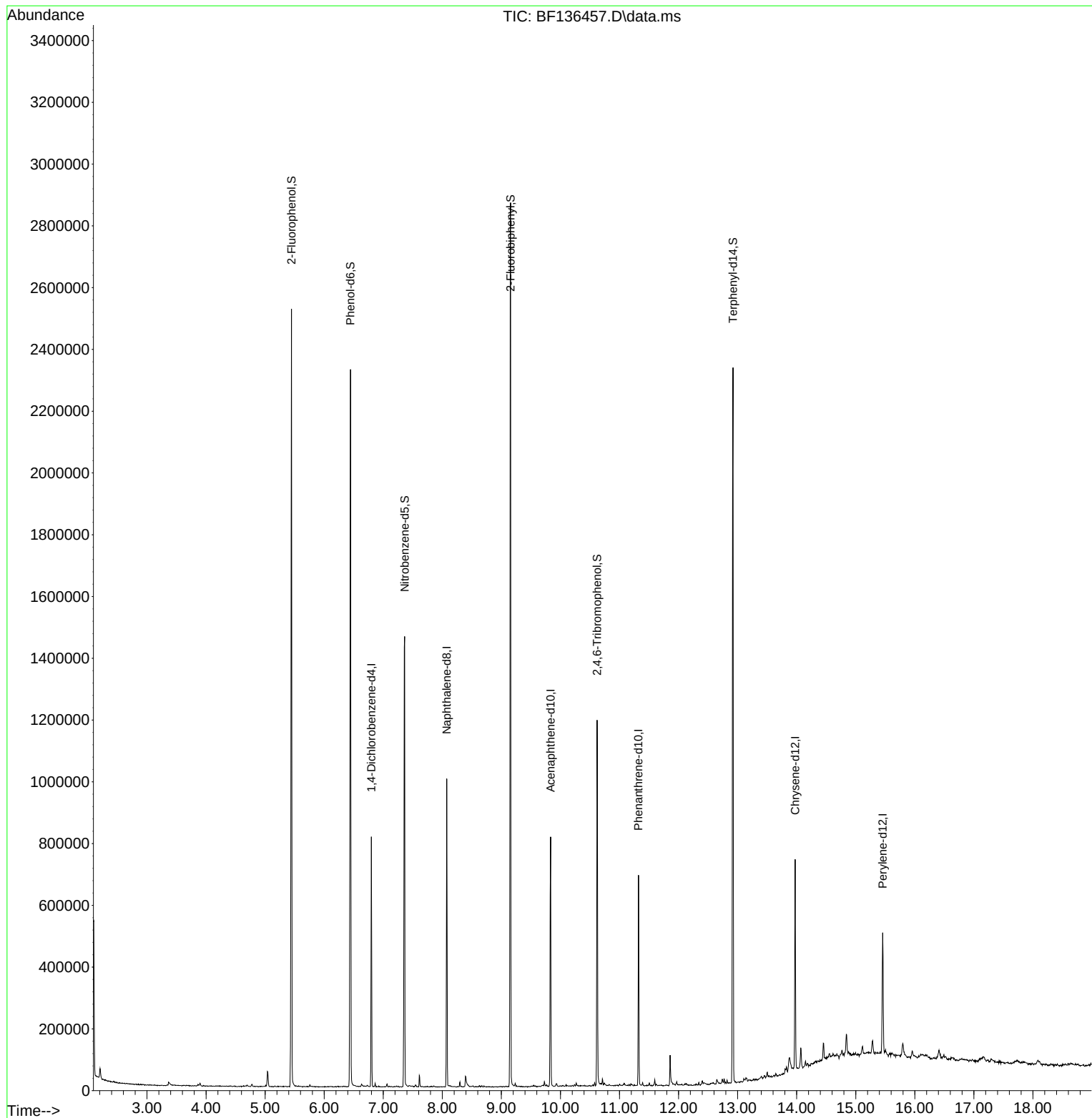
Target Compounds	Qvalue

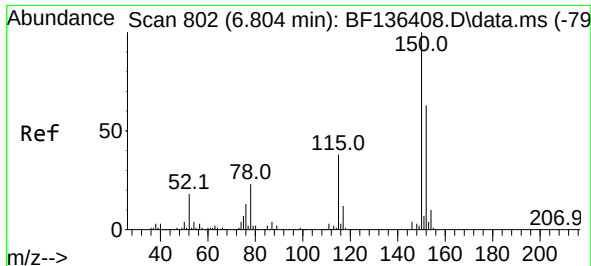
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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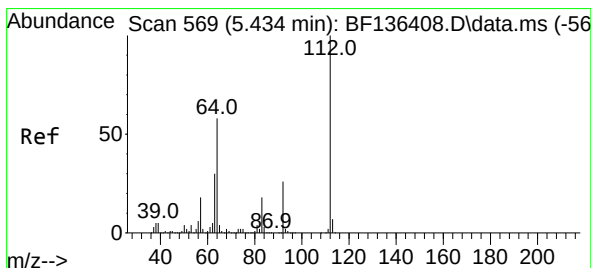
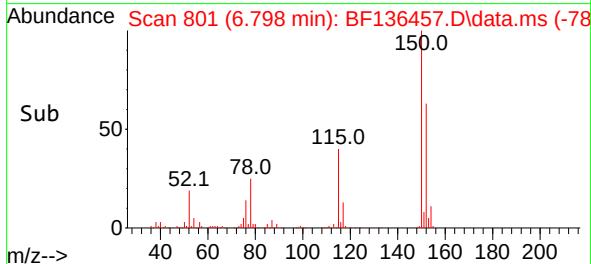
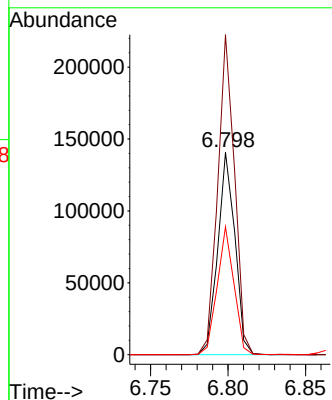
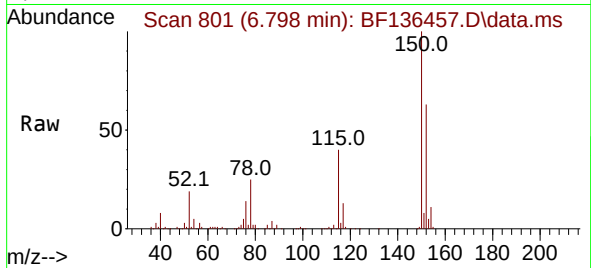




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136457.D
Acq: 07 Dec 2023 20:37

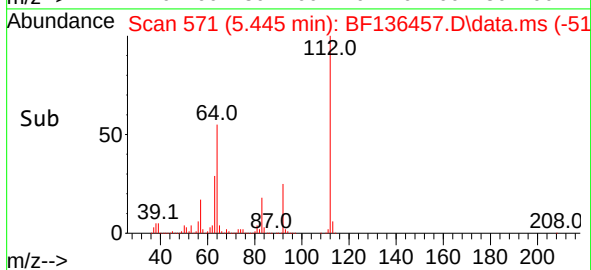
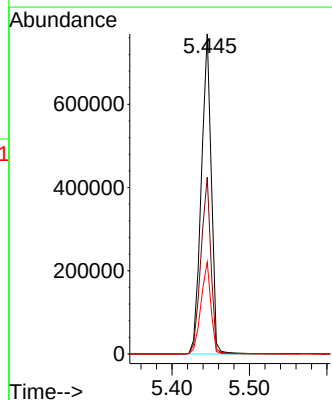
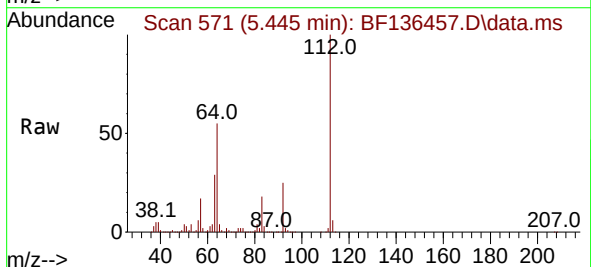
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-07

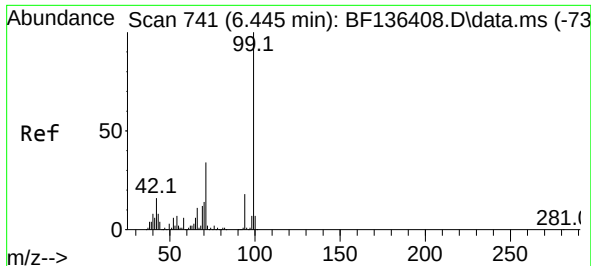
Tgt Ion:152 Resp: 108378
Ion Ratio Lower Upper
152 100
150 158.2 126.4 189.6
115 63.2 48.2 72.4



#5
2-Fluorophenol
Concen: 94.142 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136457.D
Acq: 07 Dec 2023 20:37

Tgt Ion:112 Resp: 690868
Ion Ratio Lower Upper
112 100
64 55.2 46.5 69.7
63 28.8 23.9 35.9

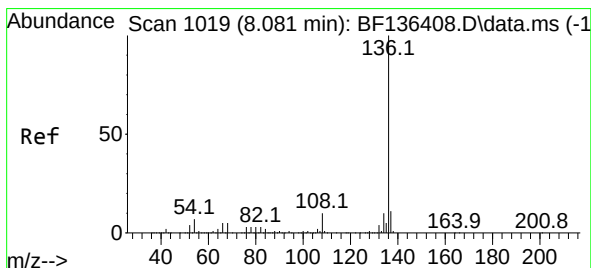
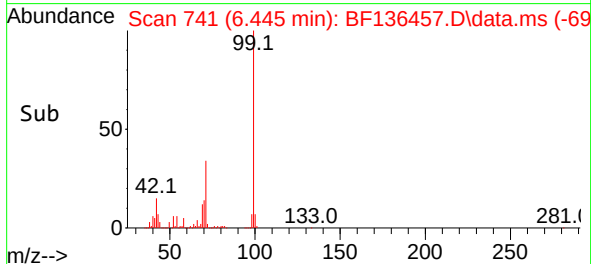
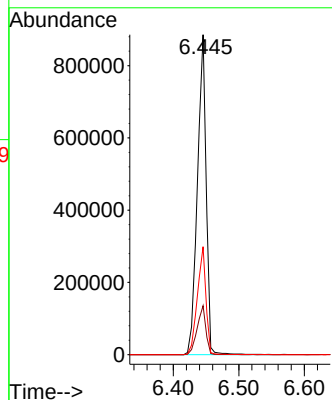
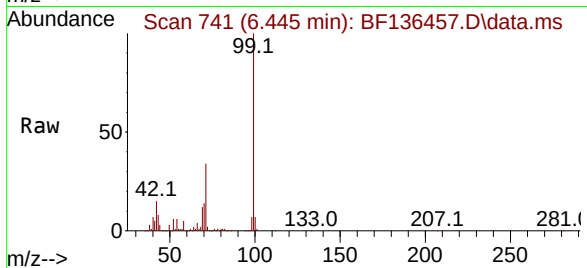




#7
Phenol-d6
Concen: 90.336 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136457.D
Acq: 07 Dec 2023 20:37

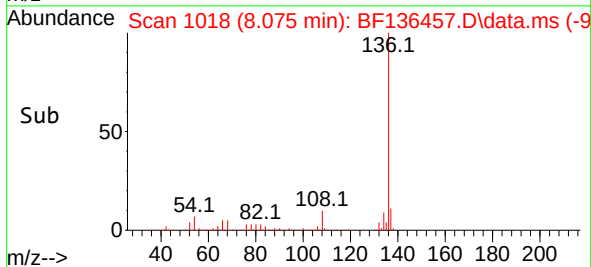
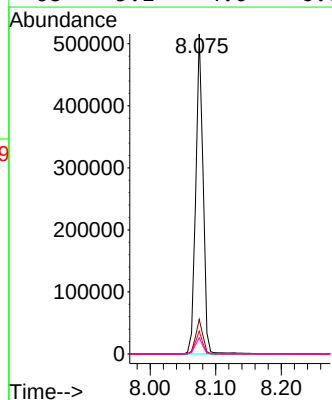
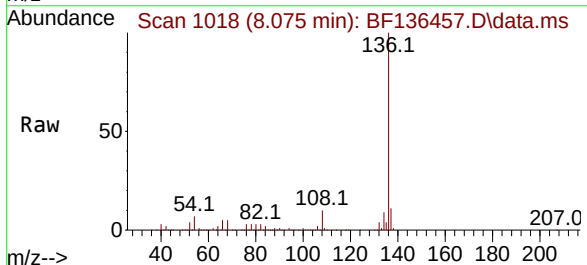
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-07

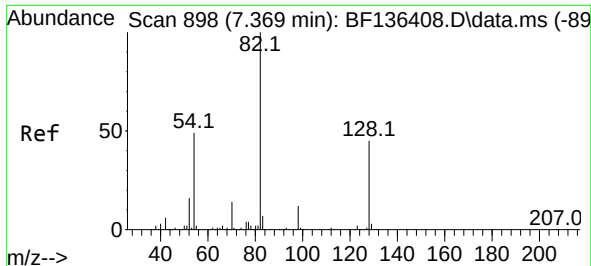
Tgt Ion: 99 Resp: 827114
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.8 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136457.D
Acq: 07 Dec 2023 20:37

Tgt Ion: 136 Resp: 401521
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.1 5.7 8.5
68 5.1 4.0 6.0





#23

Nitrobenzene-d5

Concen: 68.333 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136457.D

Acq: 07 Dec 2023 20:37

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-07

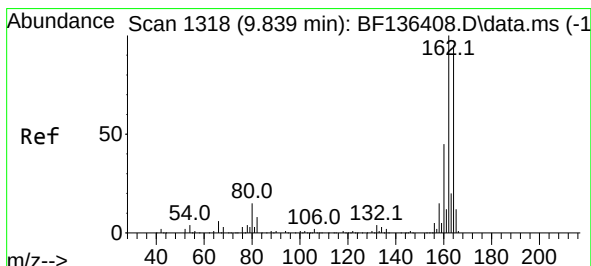
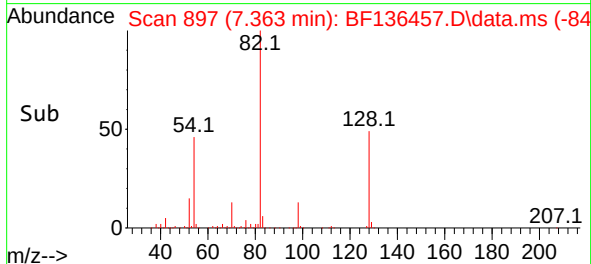
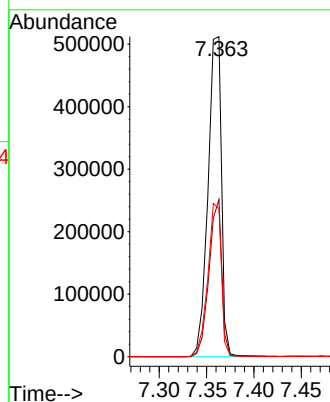
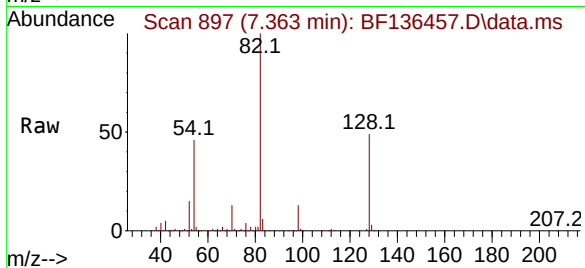
Tgt Ion: 82 Resp: 507525

Ion Ratio Lower Upper

82 100

128 49.1 36.3 54.5

54 46.3 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: BF136457.D

Acq: 07 Dec 2023 20:37

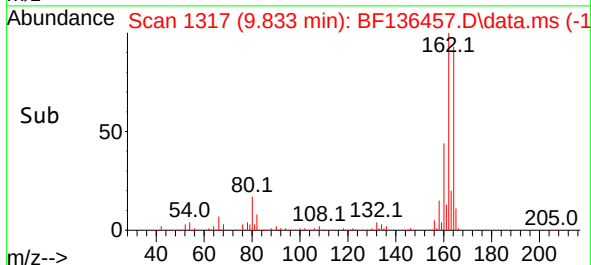
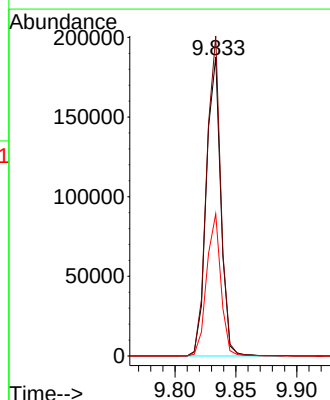
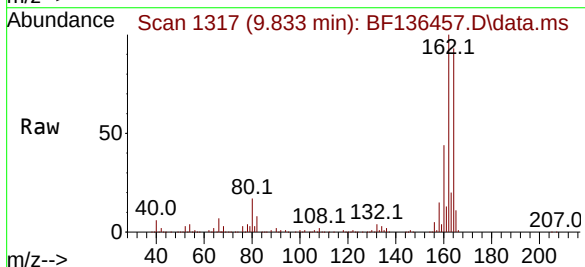
Tgt Ion: 164 Resp: 154813

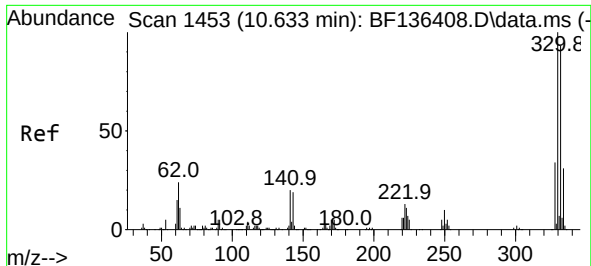
Ion Ratio Lower Upper

164 100

162 107.0 84.4 126.6

160 47.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 79.408 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136457.D

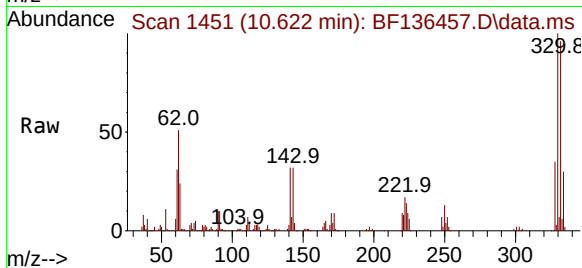
Acq: 07 Dec 2023 20:37

Instrument :

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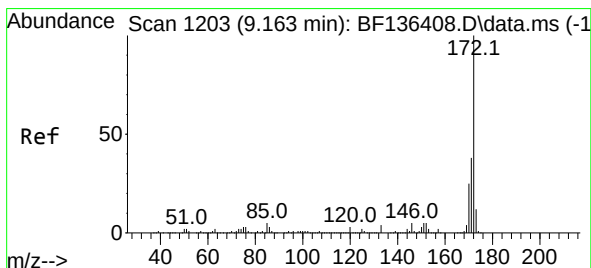
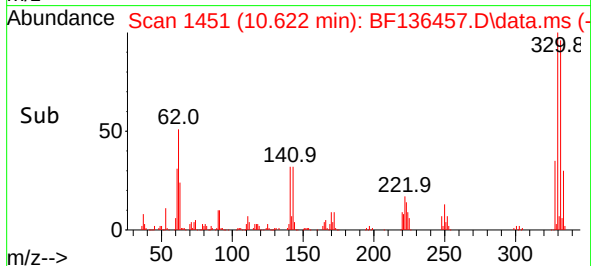
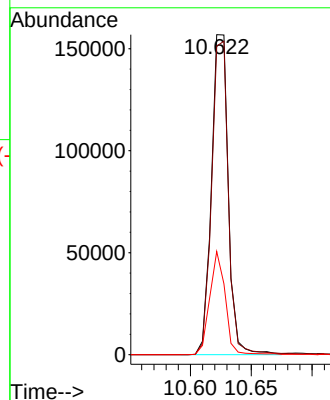
Tgt Ion:330 Resp: 151579

Ion Ratio Lower Upper

330 100

332 97.6 76.4 114.6

141 29.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 82.188 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136457.D

Acq: 07 Dec 2023 20:37

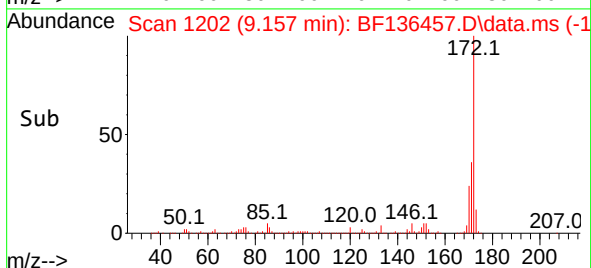
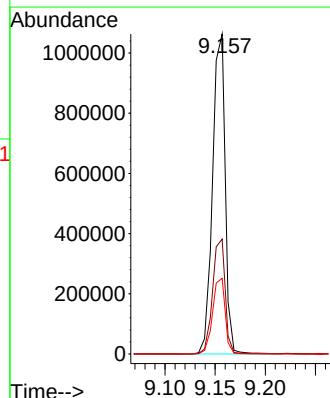
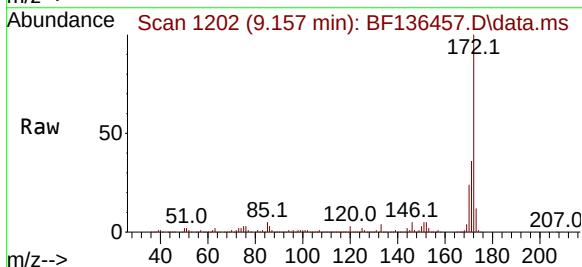
Tgt Ion:172 Resp: 932482

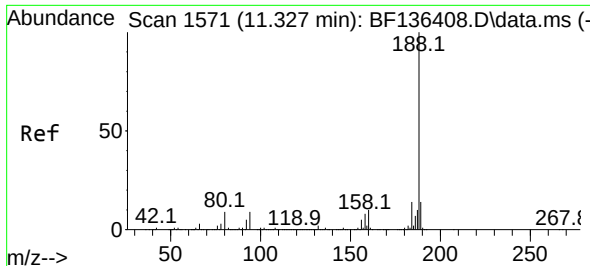
Ion Ratio Lower Upper

172 100

171 35.9 30.5 45.7

170 23.6 19.9 29.9

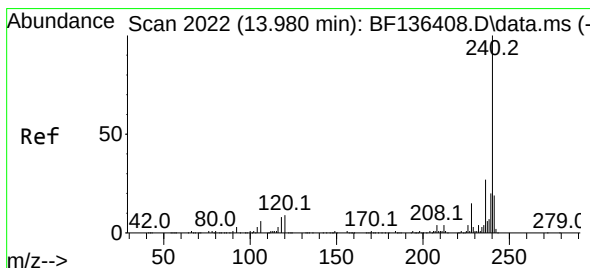
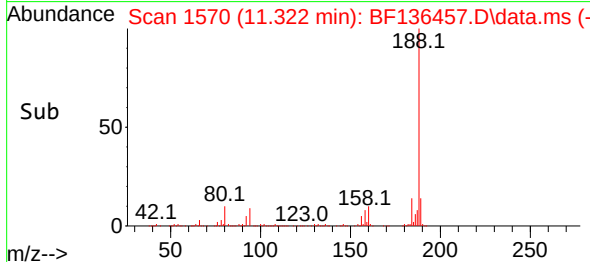
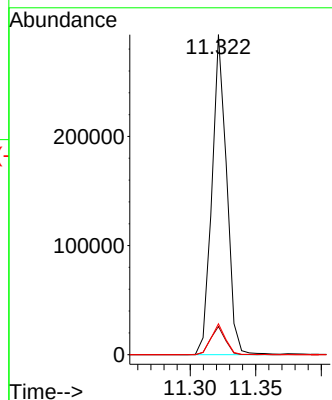
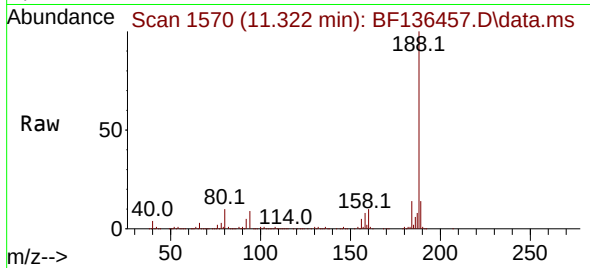




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136457.D
Acq: 07 Dec 2023 20:37

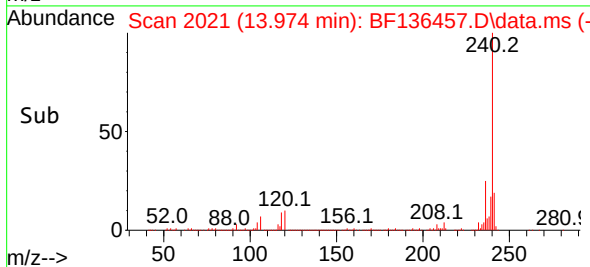
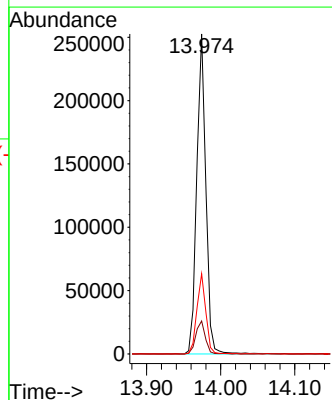
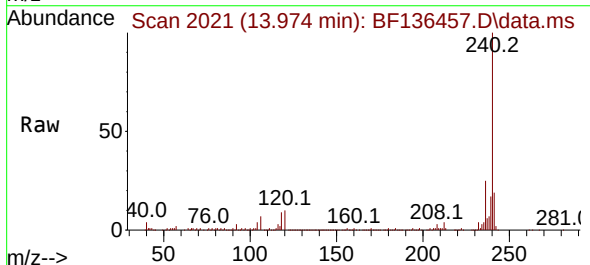
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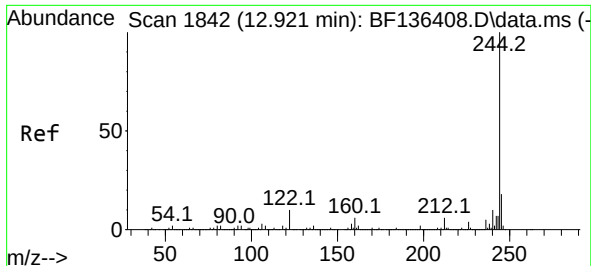
Tgt Ion:188 Resp: 229328
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136457.D
Acq: 07 Dec 2023 20:37

Tgt Ion:240 Resp: 215317
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 25.1 21.3 31.9

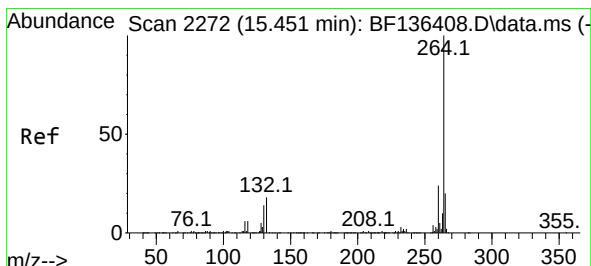
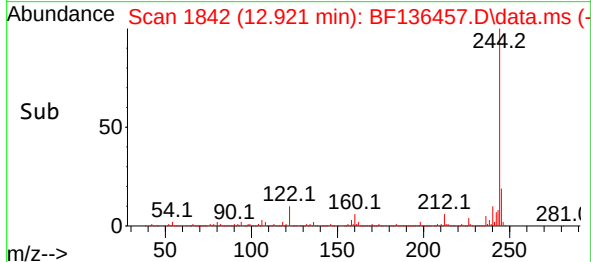
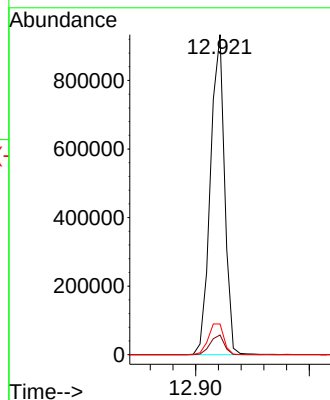
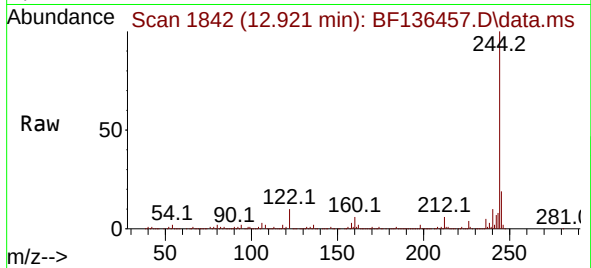




#79
 Terphenyl-d14
 Concen: 49.424 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136457.D
 Acq: 07 Dec 2023 20:37

Instrument :
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Tgt Ion:244 Resp: 807399
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.6 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: BF136457.D
 Acq: 07 Dec 2023 20:37

Tgt Ion:264 Resp: 184981
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.0 15.9 23.9

