

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136479.D
 Acq On : 08 Dec 2023 21:18
 Operator : CG\JU
 Sample : 05599-07RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-04RE

Quant Time: Dec 08 22:31:16 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	122119	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	477267	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	221070	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	317504	20.000	ng	0.00
76) Chrysene-d12	13.974	240	234115	20.000	ng	0.00
86) Perylene-d12	15.451	264	213178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	739336	89.410	ng	0.00
7) Phenol-d6	6.439	99	909589	88.165	ng	0.00
23) Nitrobenzene-d5	7.357	82	553484	62.694	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	186743	68.509	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1094602	67.562	ng	-0.01
79) Terphenyl-d14	12.915	244	856756	48.235	ng	0.00

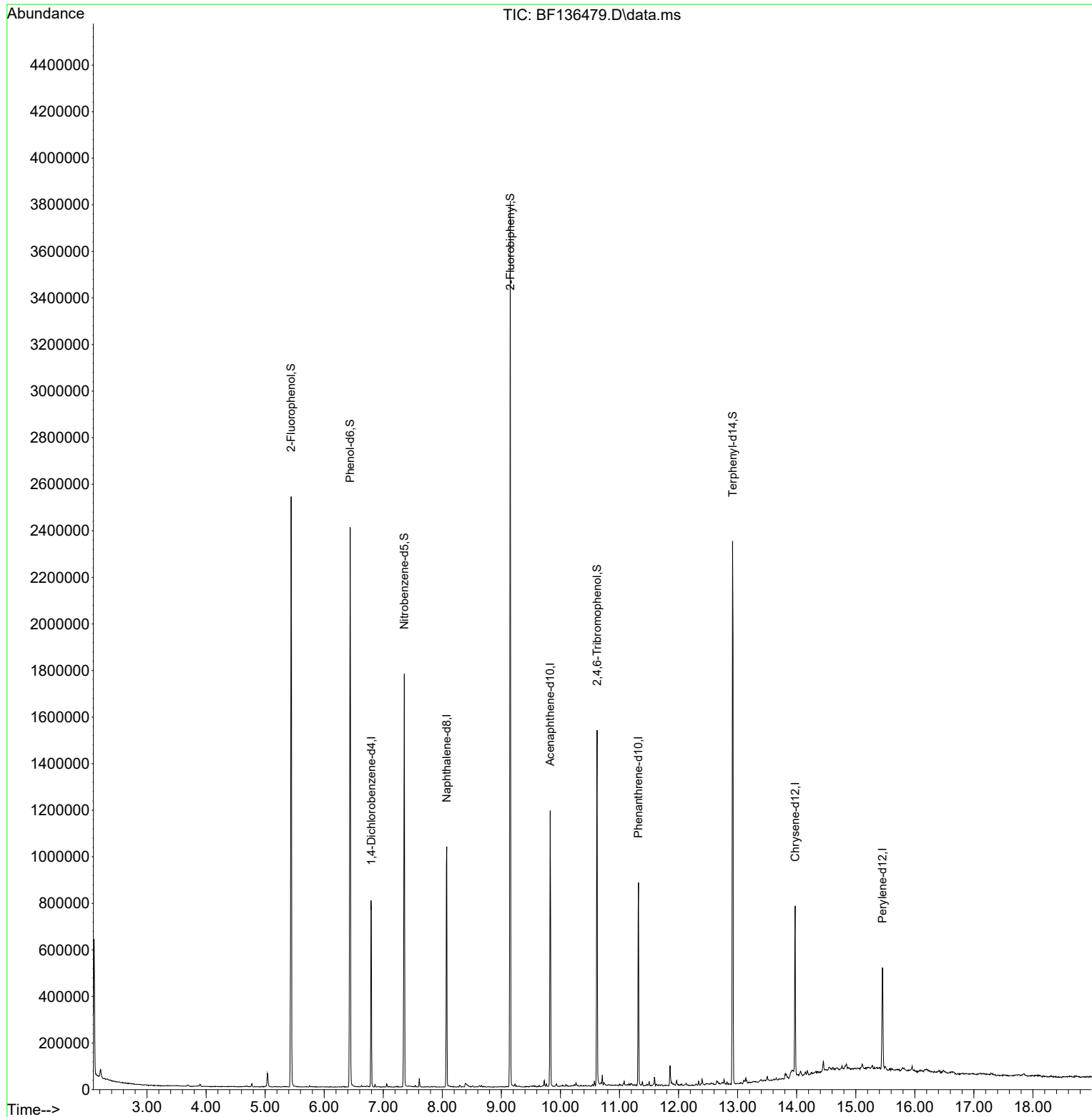
Target Compounds	Qvalue

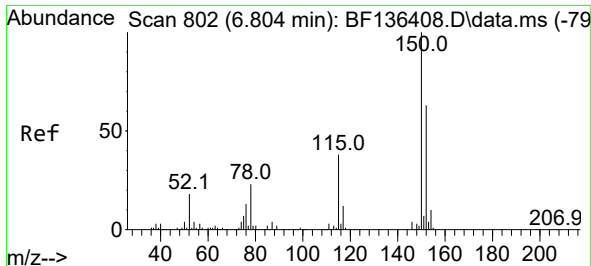
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136479.D
Acq On : 08 Dec 2023 21:18
Operator : CG\JU
Sample : 05599-07RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-04RE

Quant Time: Dec 08 22:31:16 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

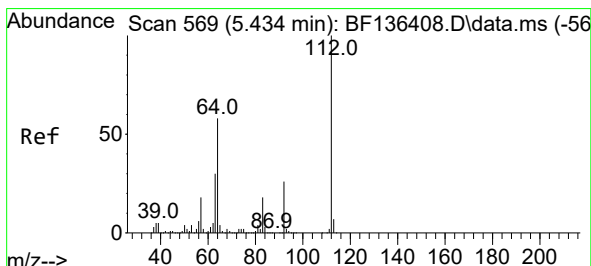
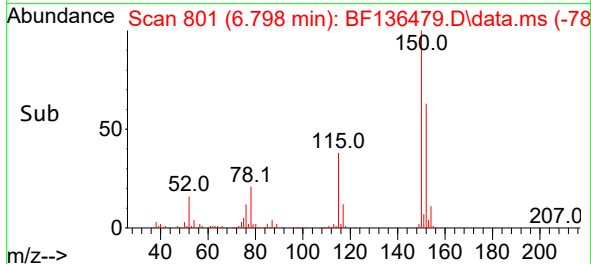
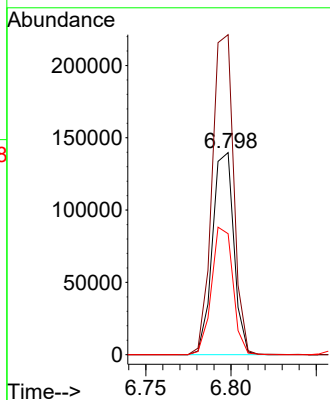
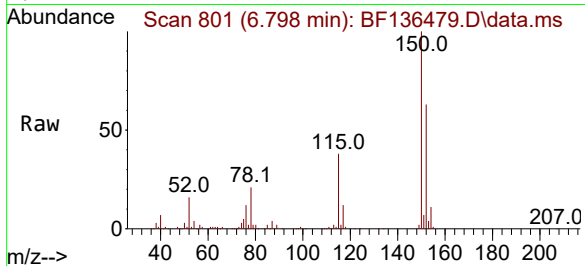




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

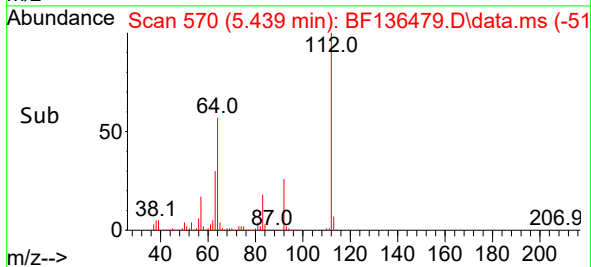
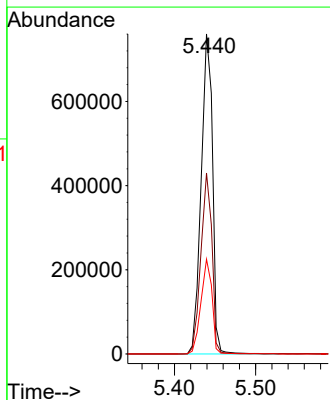
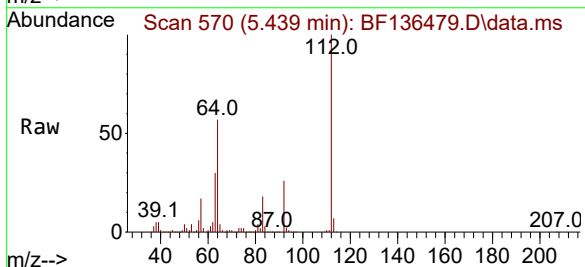
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-04RE

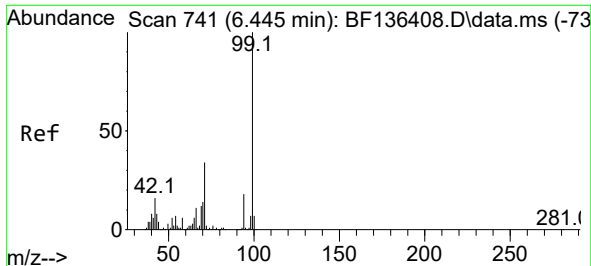
Tgt Ion:152 Resp: 122119
Ion Ratio Lower Upper
152 100
150 158.3 126.4 189.6
115 59.9 48.2 72.4



#5
2-Fluorophenol
Concen: 89.410 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion:112 Resp: 739336
Ion Ratio Lower Upper
112 100
64 56.6 46.5 69.7
63 29.6 23.9 35.9

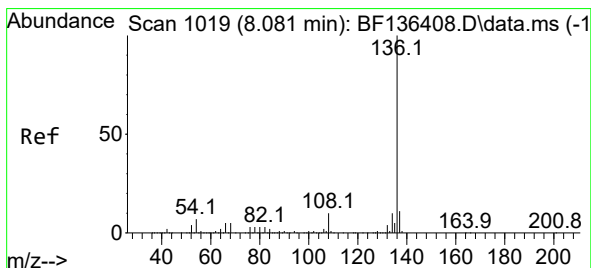
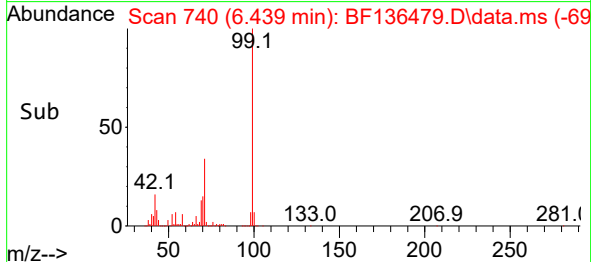
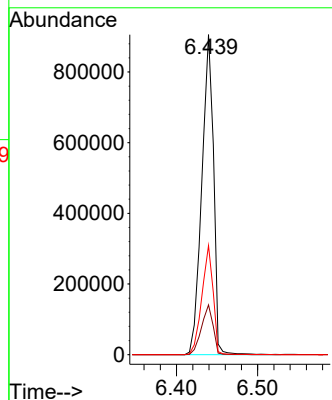
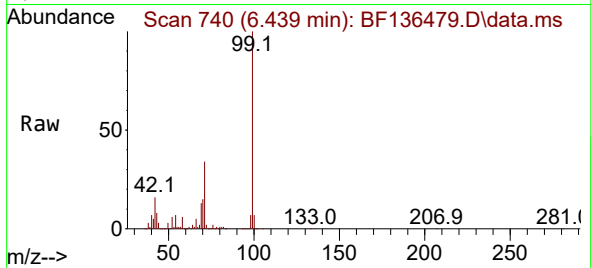




#7
Phenol-d6
Concen: 88.165 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

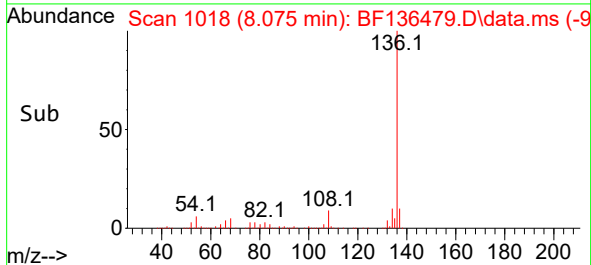
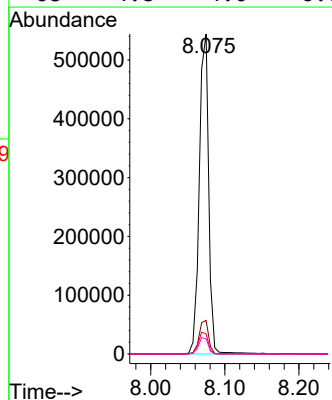
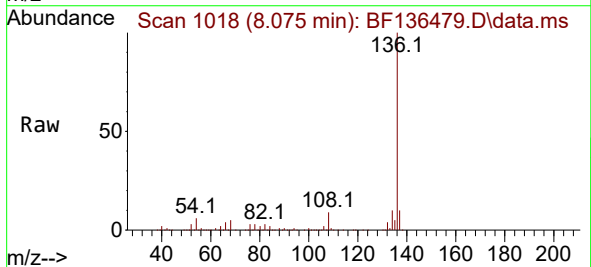
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-04RE

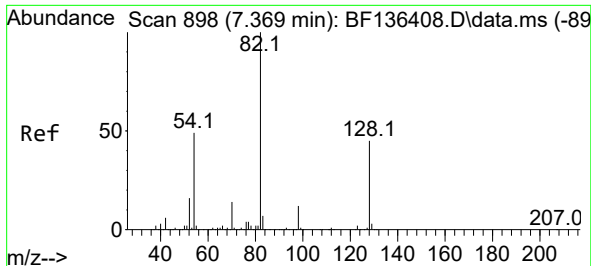
Tgt Ion: 99 Resp: 909589
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 34.1 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion: 136 Resp: 477267
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.3 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 62.694 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136479.D

Acq: 08 Dec 2023 21:18

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-04RE

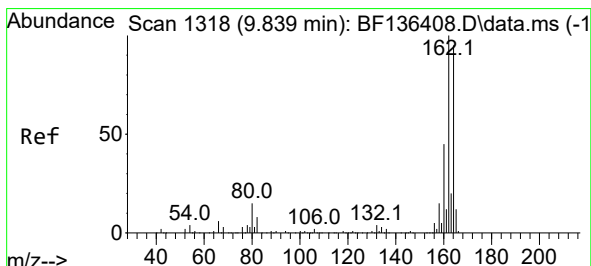
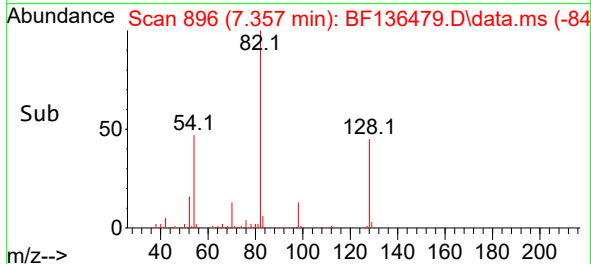
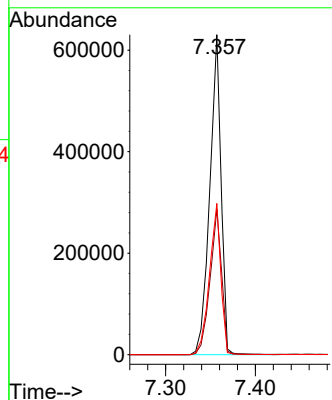
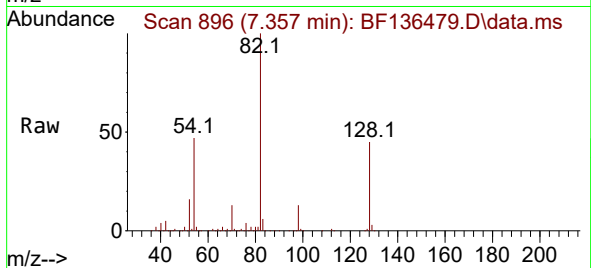
Tgt Ion: 82 Resp: 553484

Ion Ratio Lower Upper

82 100

128 45.5 36.3 54.5

54 47.2 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: BF136479.D

Acq: 08 Dec 2023 21:18

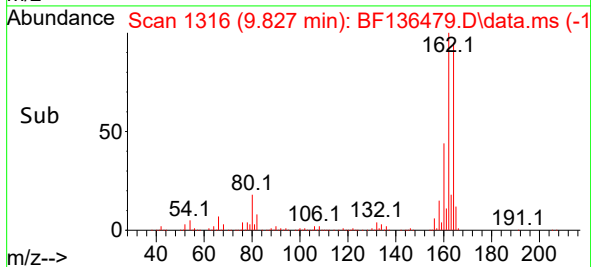
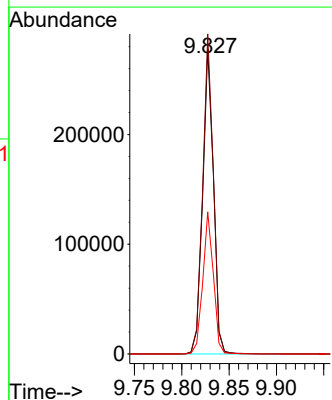
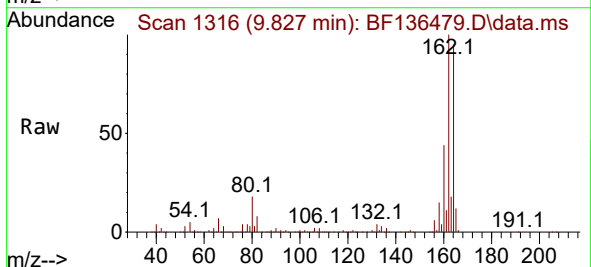
Tgt Ion: 164 Resp: 221070

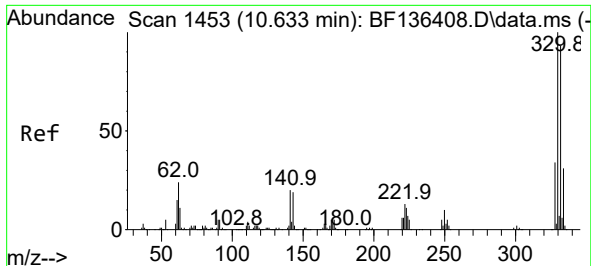
Ion Ratio Lower Upper

164 100

162 104.9 84.4 126.6

160 46.6 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 68.509 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136479.D

Acq: 08 Dec 2023 21:18

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-04RE

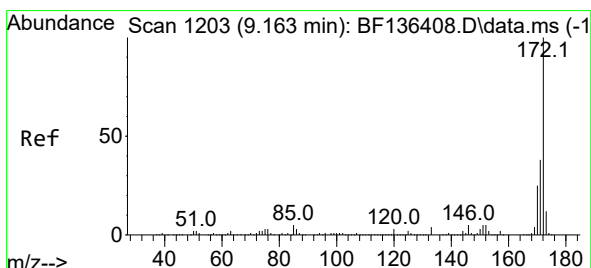
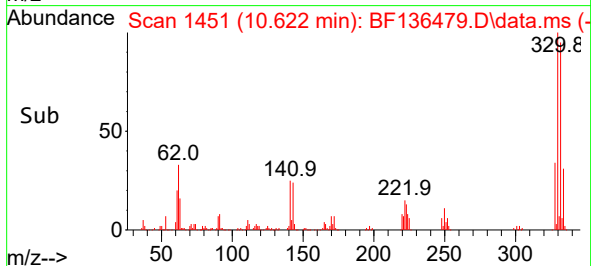
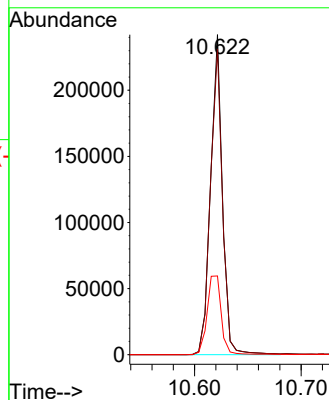
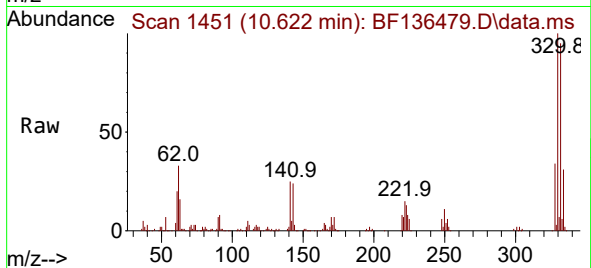
Tgt Ion:330 Resp: 186743

Ion Ratio Lower Upper

330 100

332 98.5 76.4 114.6

141 29.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 67.562 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136479.D

Acq: 08 Dec 2023 21:18

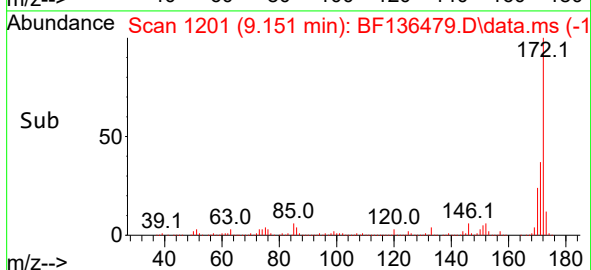
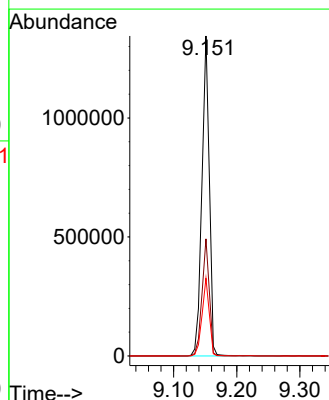
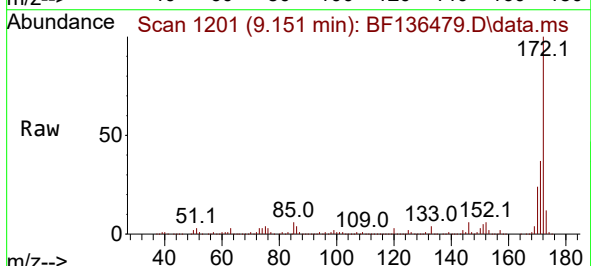
Tgt Ion:172 Resp: 1094602

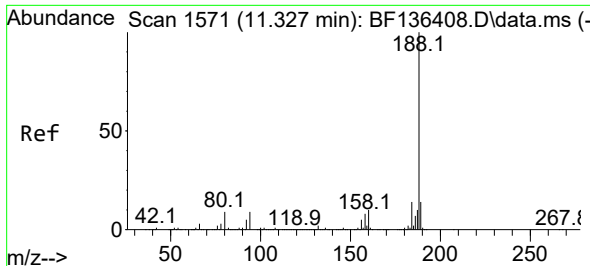
Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

170 24.3 19.9 29.9

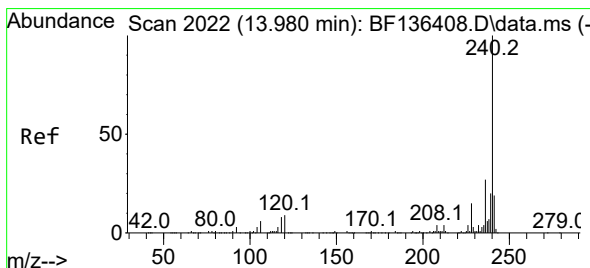
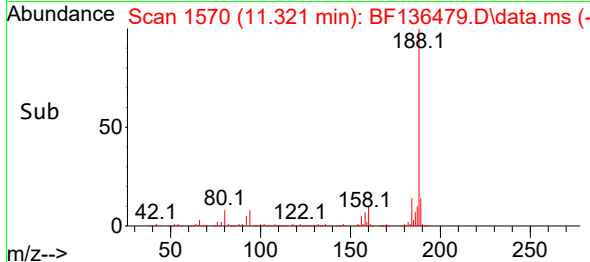
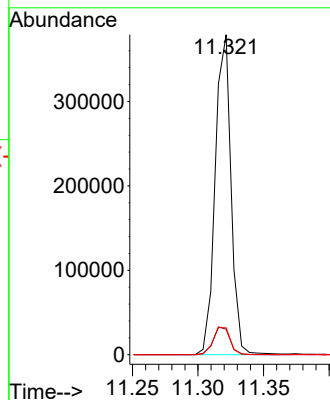
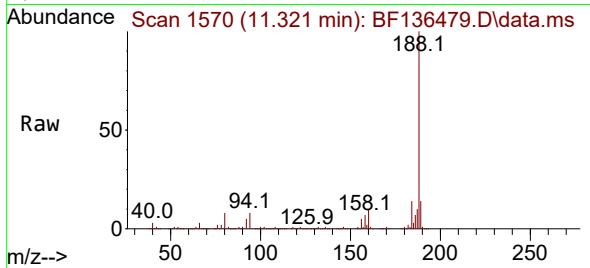




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

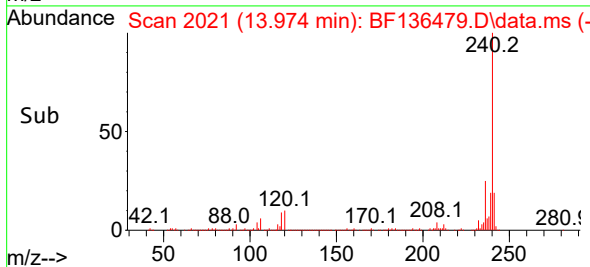
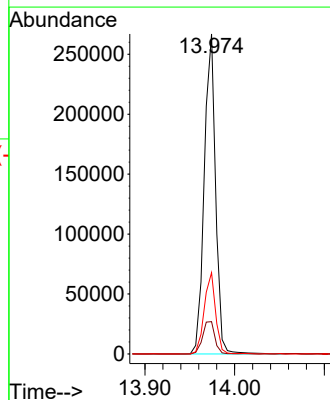
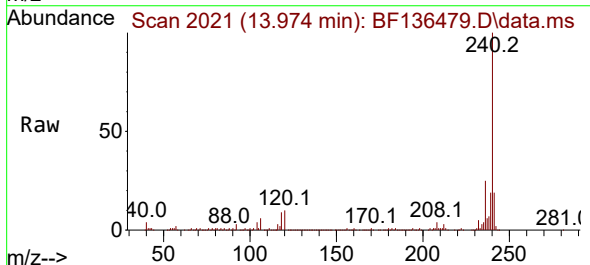
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-04RE

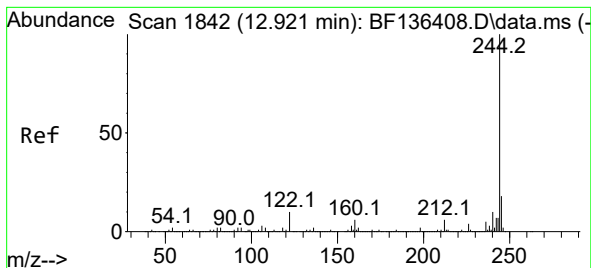
Tgt Ion:188 Resp: 317504
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion:240 Resp: 234115
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 25.4 21.3 31.9





#79

Terphenyl-d14

Concen: 48.235 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136479.D

Acq: 08 Dec 2023 21:18

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-04RE

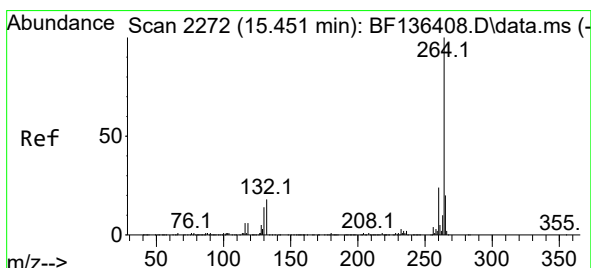
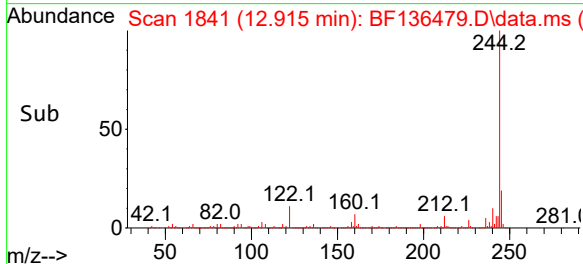
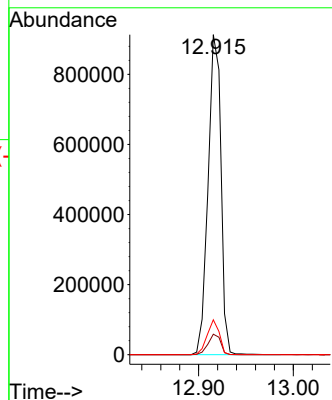
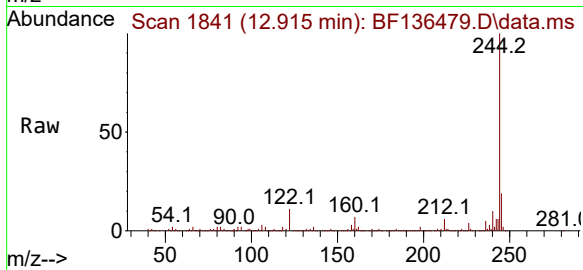
Tgt Ion:244 Resp: 856756

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.9 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: BF136479.D

Acq: 08 Dec 2023 21:18

Tgt Ion:264 Resp: 213178

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.4 15.9 23.9

