

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136481.D
 Acq On : 08 Dec 2023 22:24
 Operator : CG\JU
 Sample : 05599-11RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-06RE

Quant Time: Dec 08 22:58:48 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	116595	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	457870	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	215028	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	326626	20.000	ng	0.00
76) Chrysene-d12	13.974	240	219300	20.000	ng	0.00
86) Perylene-d12	15.451	264	201018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1024677	129.789	ng	0.01
7) Phenol-d6	6.445	99	1241995	126.088	ng	0.00
23) Nitrobenzene-d5	7.363	82	773362	91.310	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	281304	106.100	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1330637	84.438	ng	-0.01
79) Terphenyl-d14	12.916	244	1065636	64.047	ng	0.00

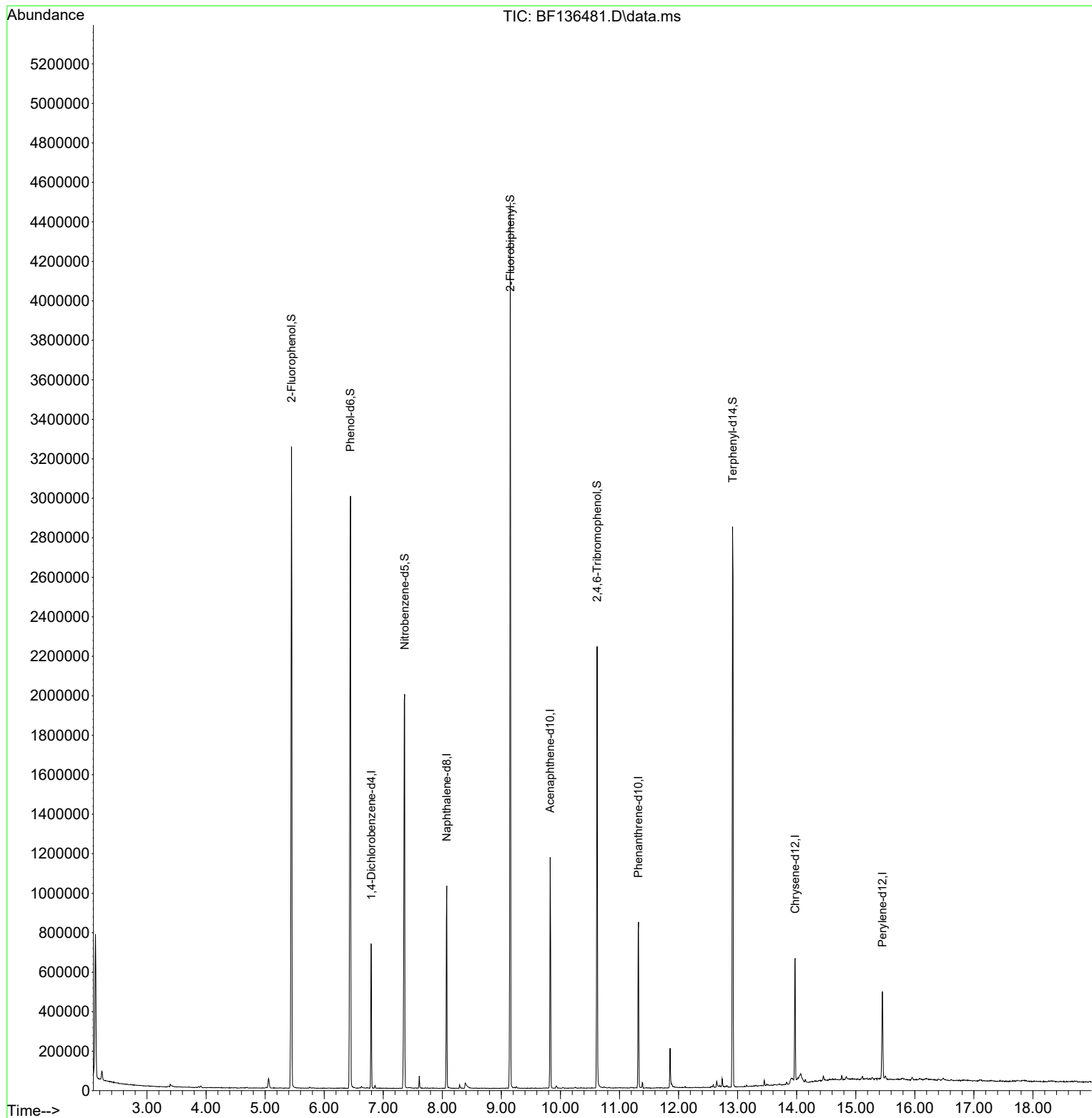
Target Compounds	Qvalue

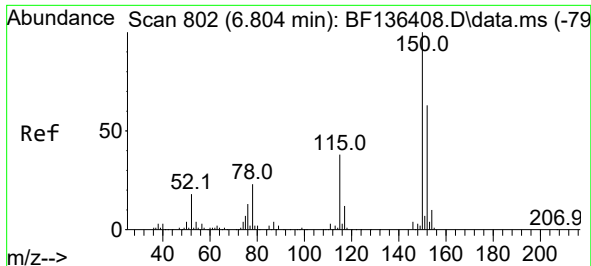
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136481.D
Acq On : 08 Dec 2023 22:24
Operator : CG\JU
Sample : 05599-11RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06RE

Quant Time: Dec 08 22:58:48 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

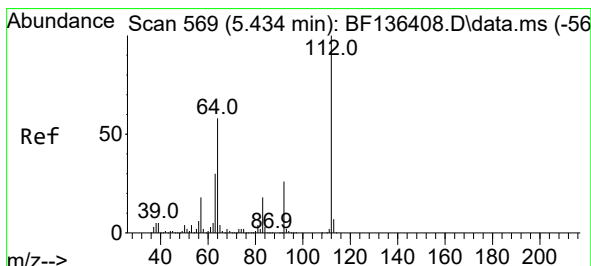
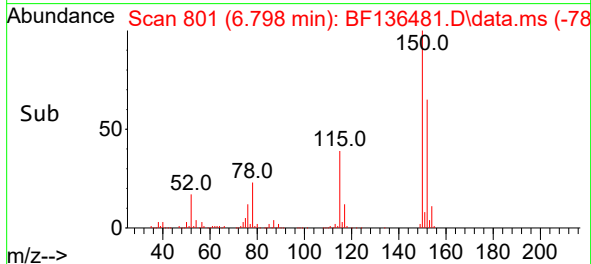
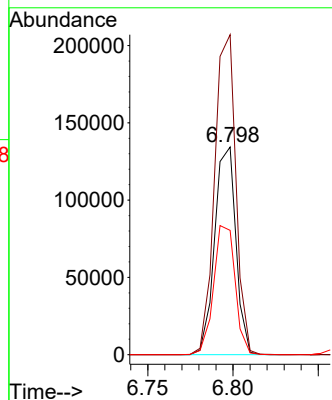
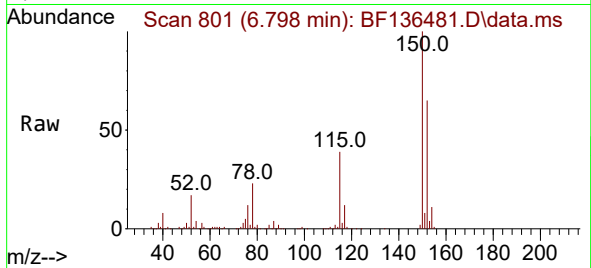




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

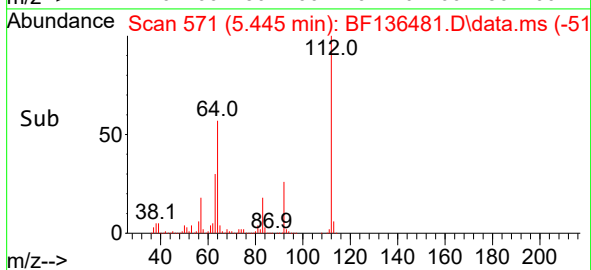
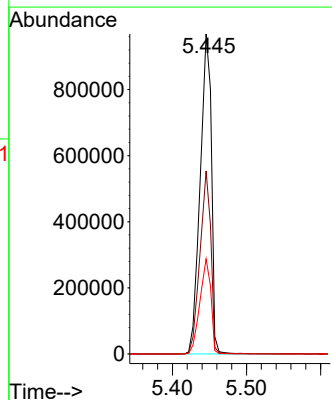
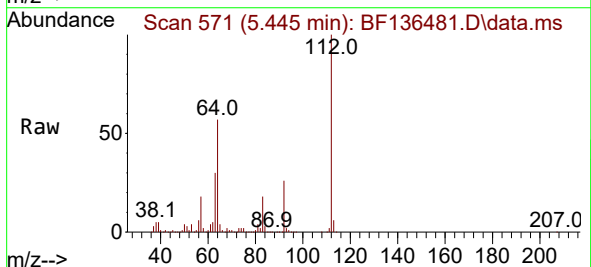
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06RE

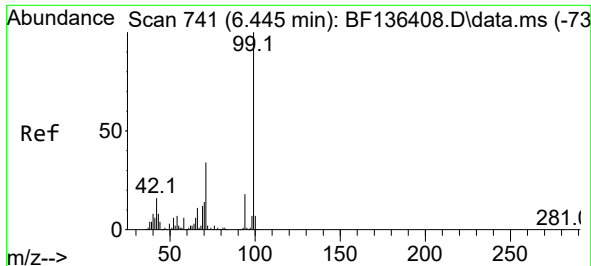
Tgt Ion:152 Resp: 116595
Ion Ratio Lower Upper
152 100
150 154.0 126.4 189.6
115 59.8 48.2 72.4



#5
2-Fluorophenol
Concen: 129.789 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

Tgt Ion:112 Resp: 1024677
Ion Ratio Lower Upper
112 100
64 57.2 46.5 69.7
63 29.7 23.9 35.9

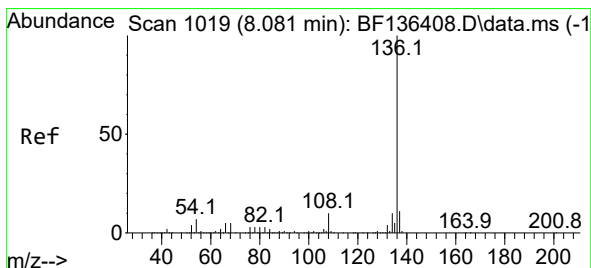
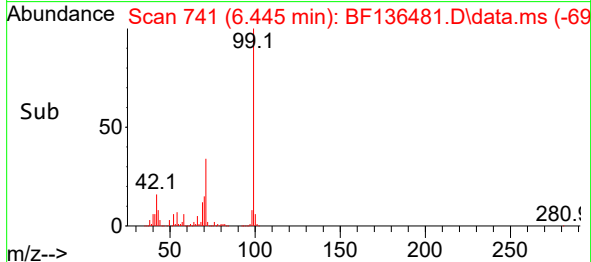
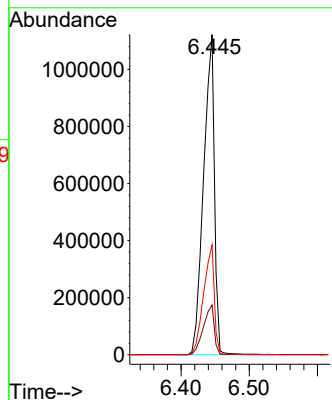
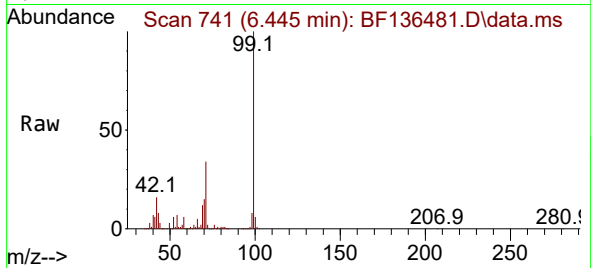




#7
Phenol-d6
Concen: 126.088 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

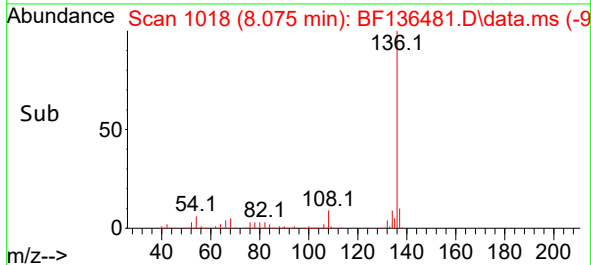
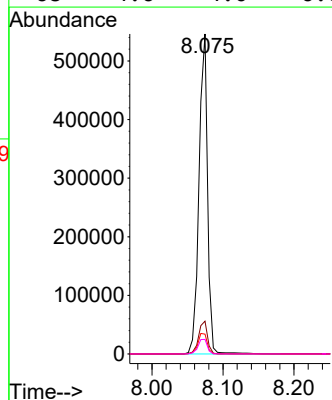
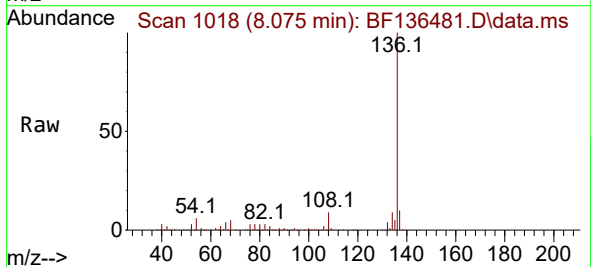
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06RE

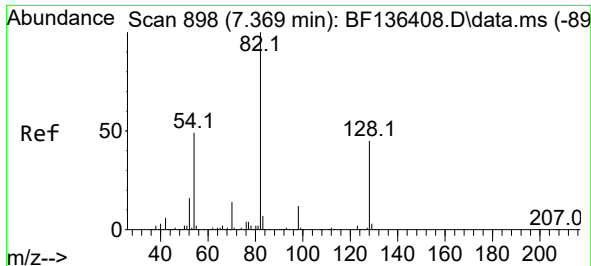
Tgt Ion: 99 Resp: 1241995
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 34.3 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

Tgt Ion:136 Resp: 457870
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 6.2 5.7 8.5
68 4.6 4.0 6.0





#23

Nitrobenzene-d5

Concen: 91.310 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136481.D

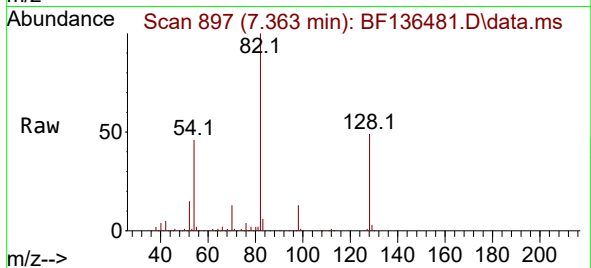
Acq: 08 Dec 2023 22:24

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-06RE



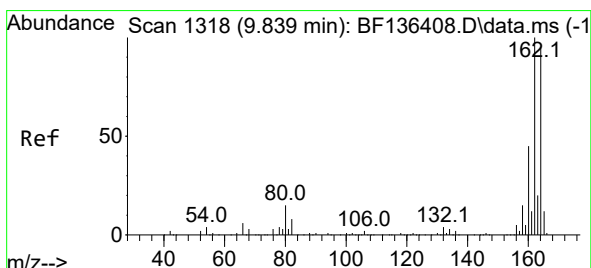
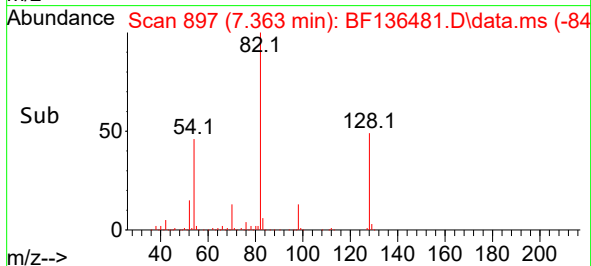
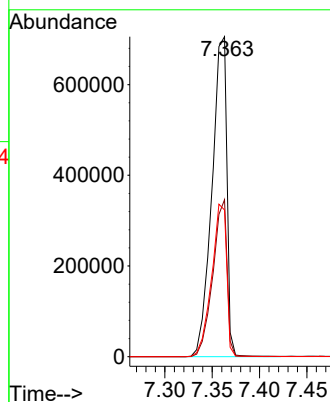
Tgt Ion: 82 Resp: 773362

Ion Ratio Lower Upper

82 100

128 49.1 36.3 54.5

54 45.9 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: BF136481.D

Acq: 08 Dec 2023 22:24

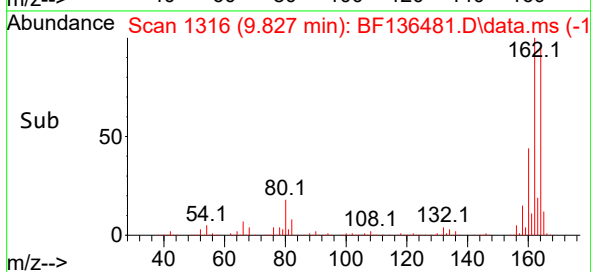
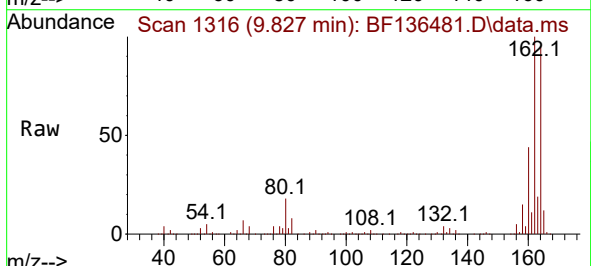
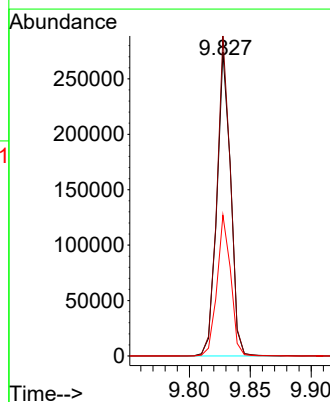
Tgt Ion:164 Resp: 215028

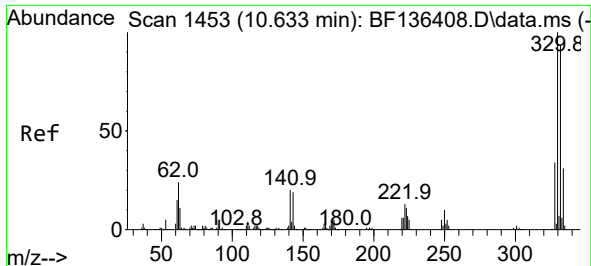
Ion Ratio Lower Upper

164 100

162 105.3 84.4 126.6

160 46.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 106.100 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136481.D

Acq: 08 Dec 2023 22:24

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-06RE

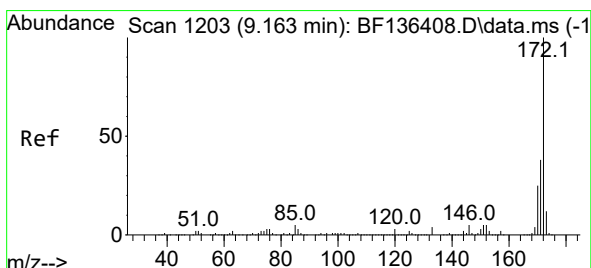
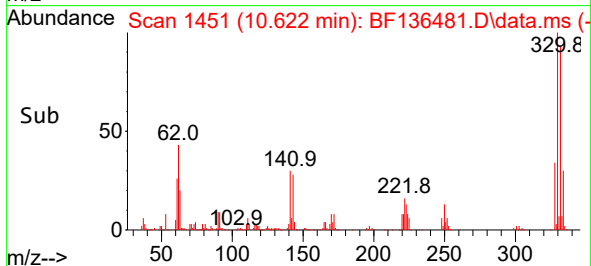
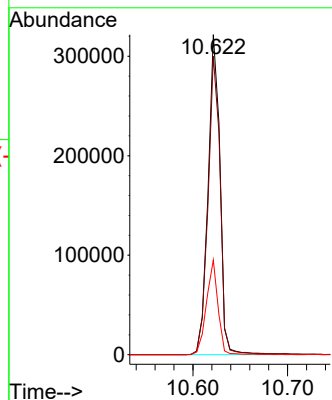
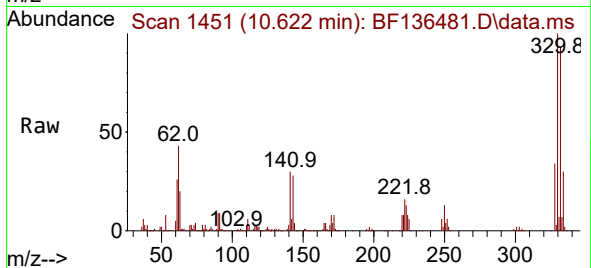
Tgt Ion:330 Resp: 281304

Ion Ratio Lower Upper

330 100

332 95.1 76.4 114.6

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 84.438 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136481.D

Acq: 08 Dec 2023 22:24

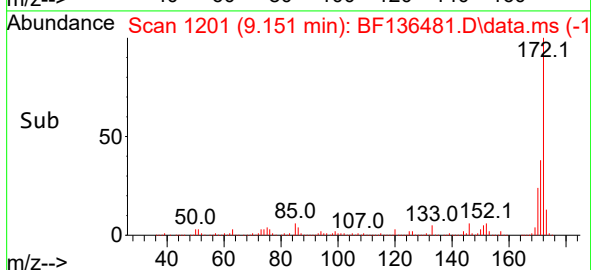
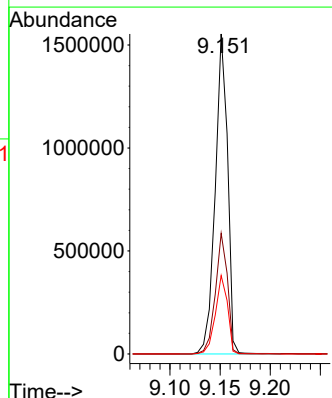
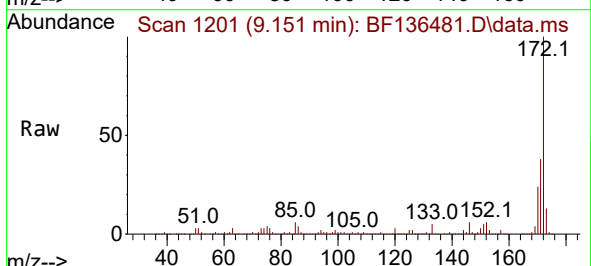
Tgt Ion:172 Resp: 1330637

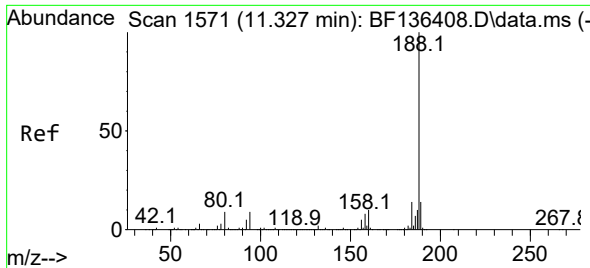
Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

170 24.5 19.9 29.9

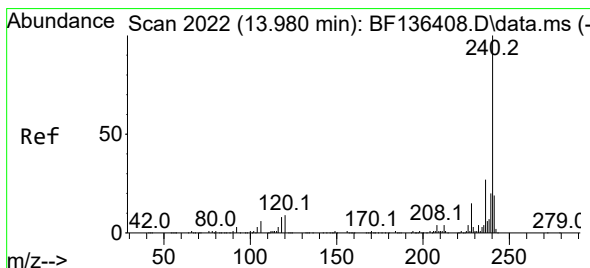
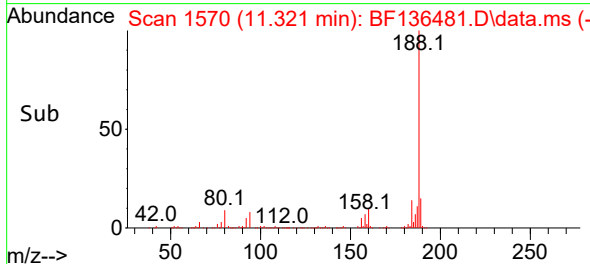
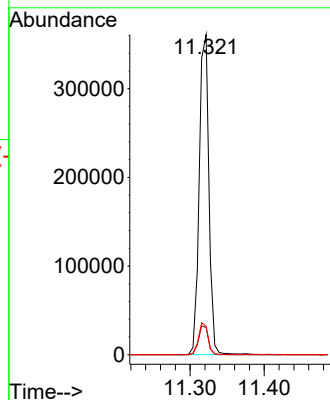
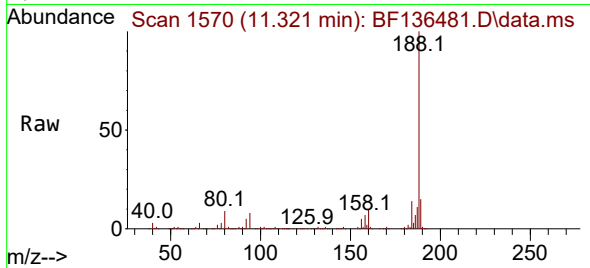




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

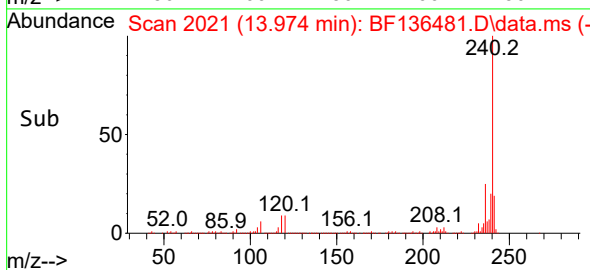
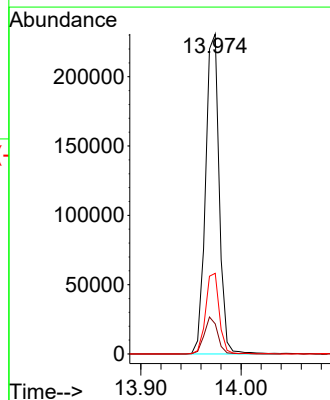
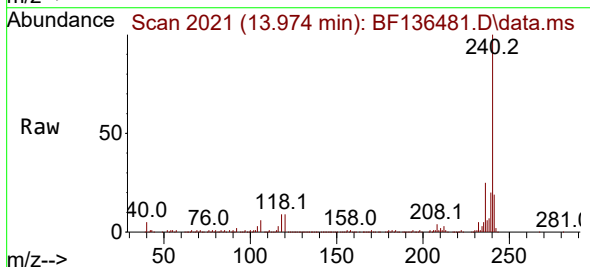
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06RE

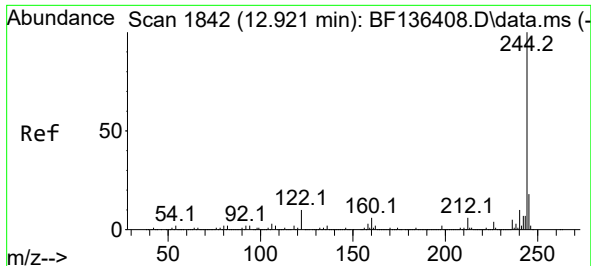
Tgt Ion:188 Resp: 326626
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

Tgt Ion:240 Resp: 219300
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.2 21.3 31.9

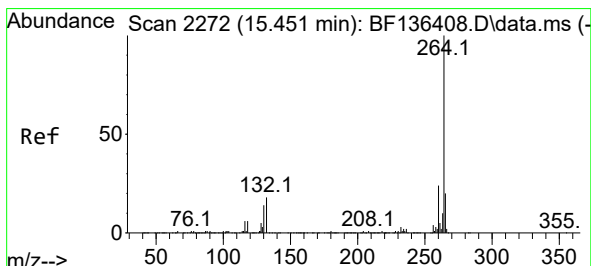
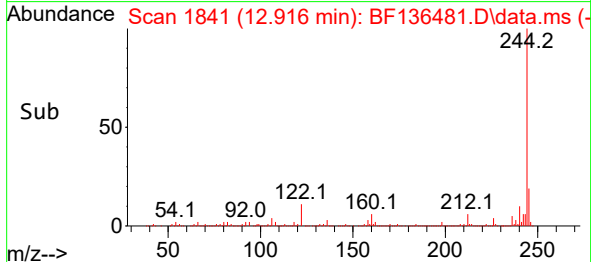
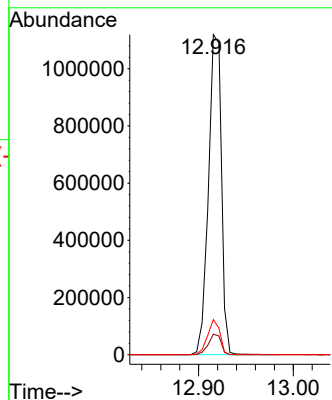
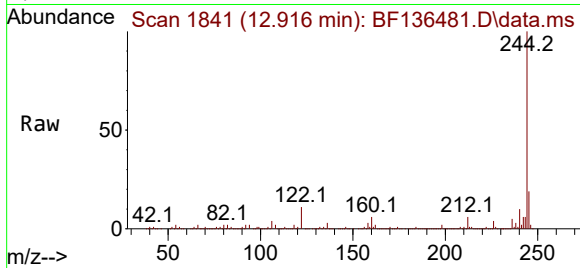




#79
 Terphenyl-d14
 Concen: 64.047 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136481.D
 Acq: 08 Dec 2023 22:24

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-06RE

Tgt Ion:244 Resp: 1065636
 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: BF136481.D
 Acq: 08 Dec 2023 22:24

Tgt Ion:264 Resp: 201018
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.3 15.9 23.9

