

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136482.D
 Acq On : 08 Dec 2023 22:57
 Operator : CG\JU
 Sample : 05599-13RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-07RE

Quant Time: Dec 08 23:40:16 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	6.792	152	120530	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	477533	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	227510	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	348136	20.000	ng	0.00
76) Chrysene-d12	13.968	240	224154	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	200273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	793000	97.164	ng	0.00
7) Phenol-d6	6.439	99	984472	96.682	ng	0.00
23) Nitrobenzene-d5	7.357	82	590943	66.899	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	219935	78.402	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1157078	69.396	ng	-0.01
79) Terphenyl-d14	12.916	244	946809	55.673	ng	0.00

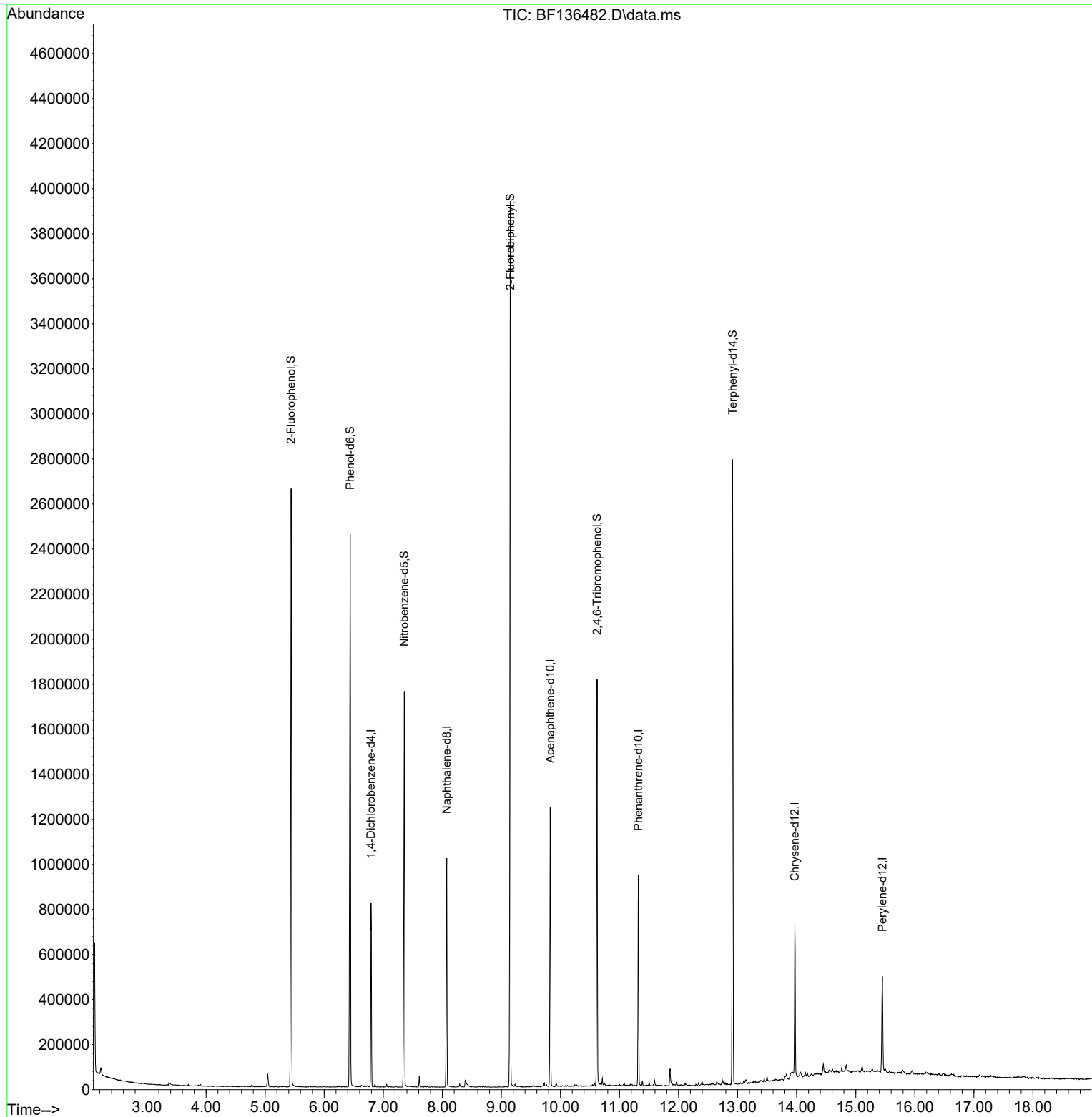
Target Compounds	Qvalue

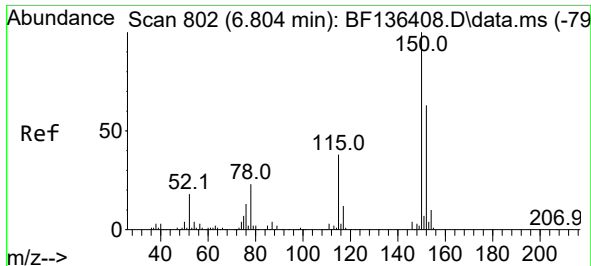
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136482.D
Acq On : 08 Dec 2023 22:57
Operator : CG\JU
Sample : 05599-13RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-07RE

Quant Time: Dec 08 23:40:16 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

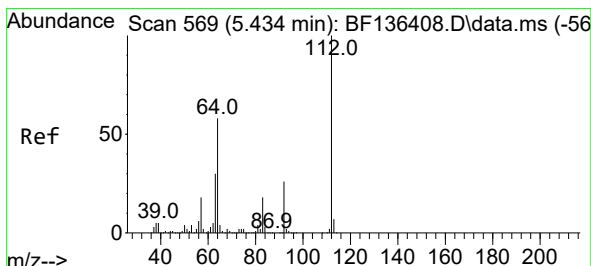
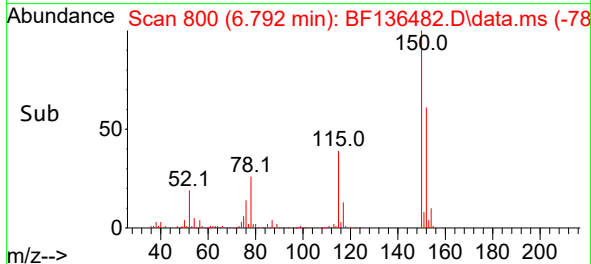
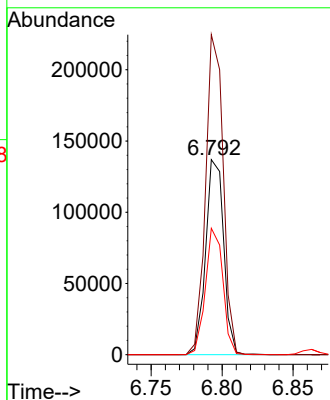
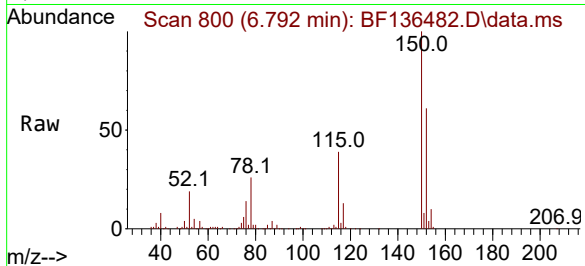




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

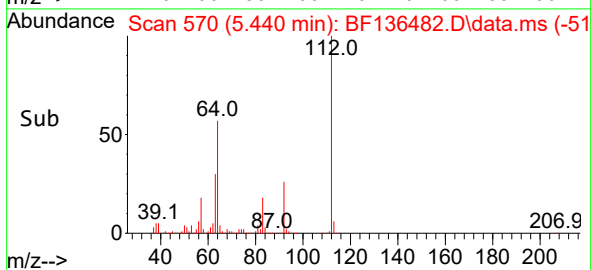
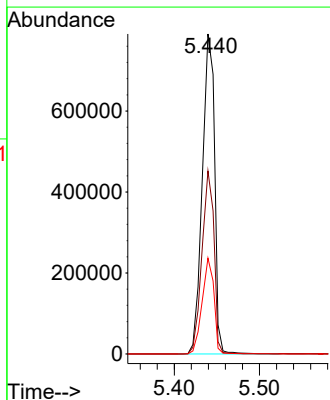
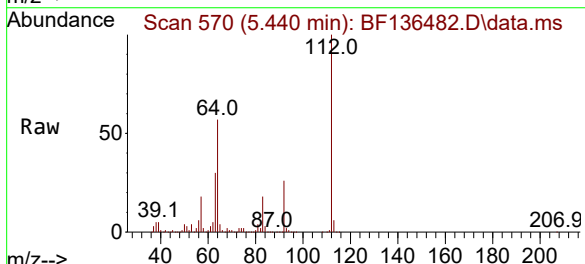
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-07RE

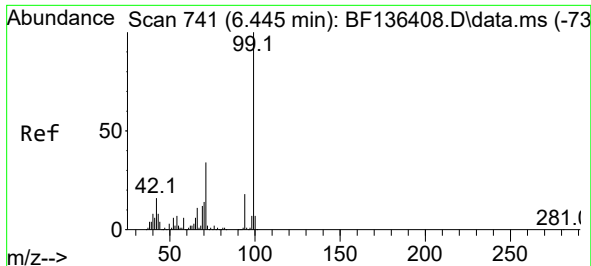
Tgt Ion:152 Resp: 120530
Ion Ratio Lower Upper
152 100
150 164.0 126.4 189.6
115 64.8 48.2 72.4



#5
2-Fluorophenol
Concen: 97.164 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

Tgt Ion:112 Resp: 793000
Ion Ratio Lower Upper
112 100
64 57.2 46.5 69.7
63 30.0 23.9 35.9

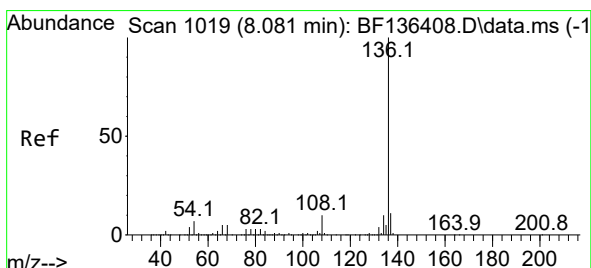
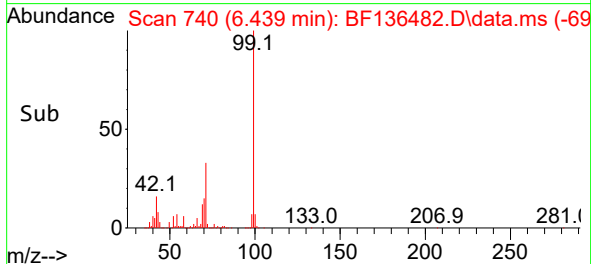
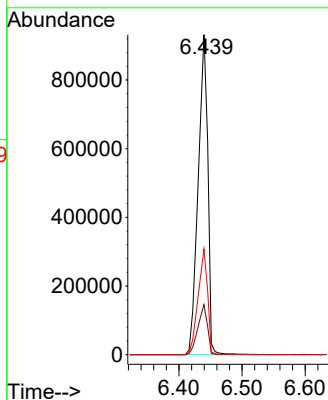
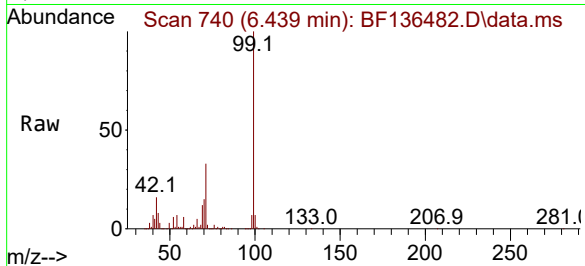




#7
Phenol-d6
Concen: 96.682 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

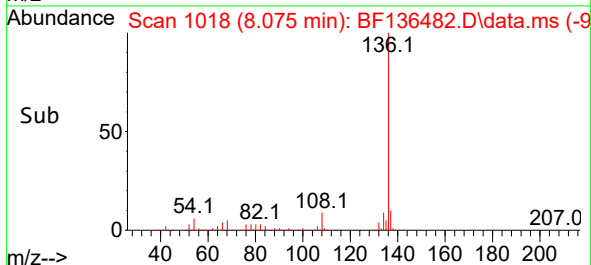
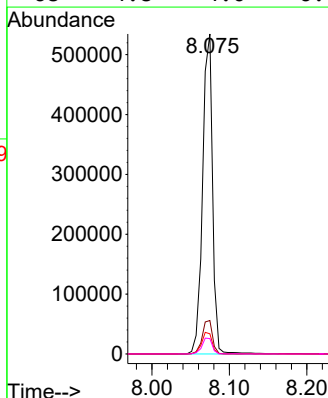
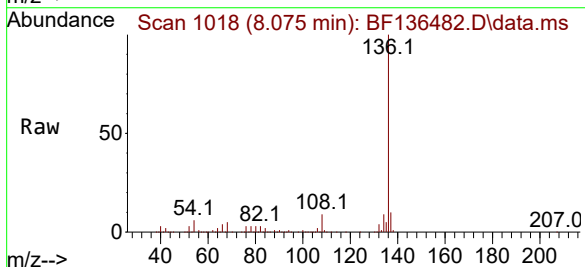
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-07RE

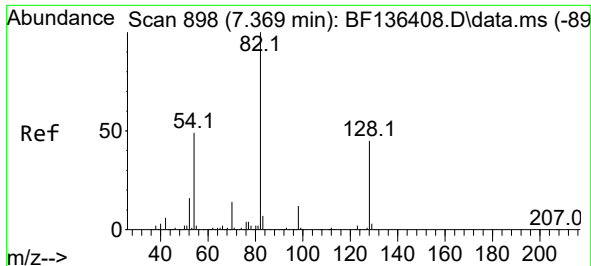
Tgt Ion: 99 Resp: 984472
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 33.0 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

Tgt Ion: 136 Resp: 477533
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: 66.899 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136482.D

Acq: 08 Dec 2023 22:57

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-07RE

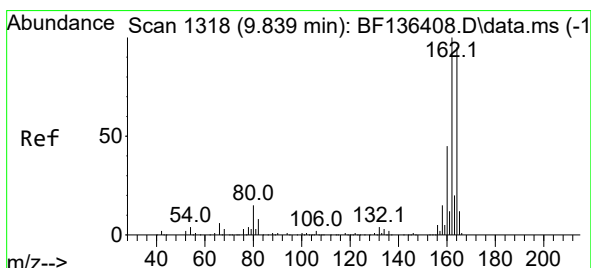
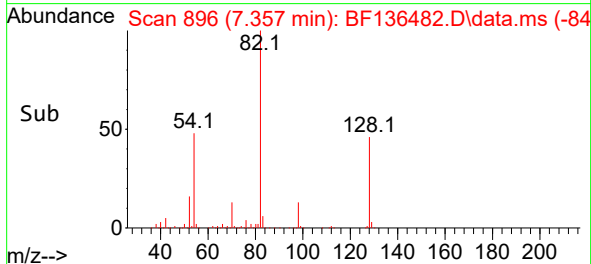
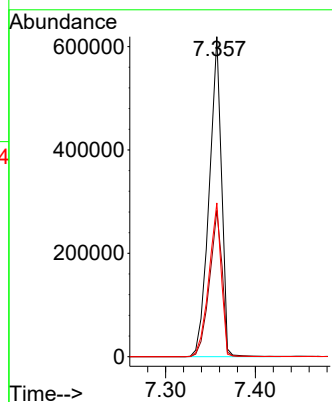
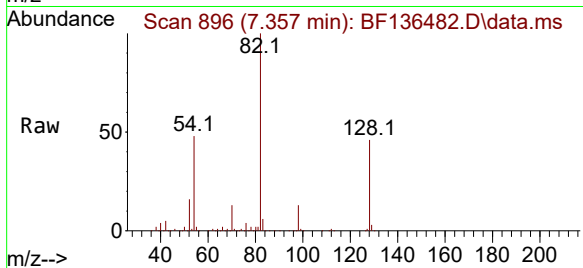
Tgt Ion: 82 Resp: 590943

Ion Ratio Lower Upper

82 100

128 45.7 36.3 54.5

54 48.1 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: BF136482.D

Acq: 08 Dec 2023 22:57

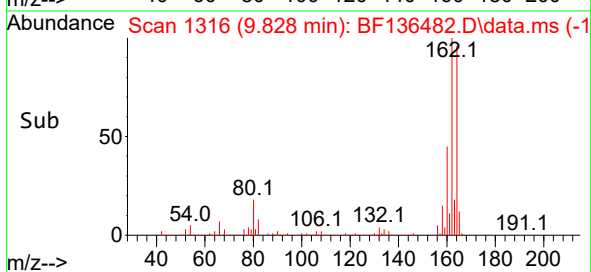
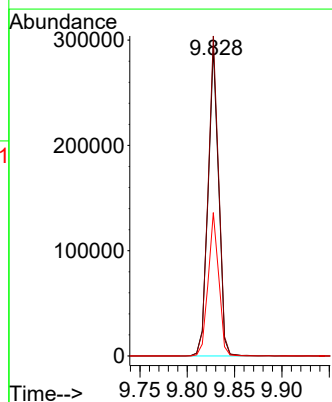
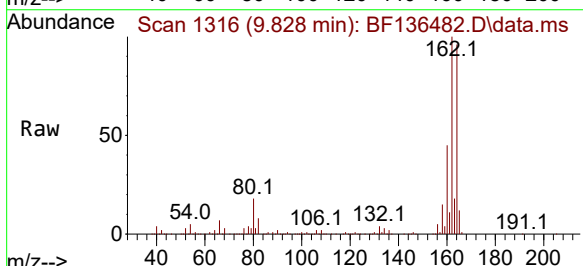
Tgt Ion: 164 Resp: 227510

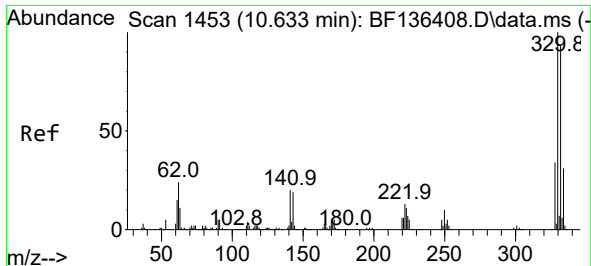
Ion Ratio Lower Upper

164 100

162 103.8 84.4 126.6

160 46.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 78.402 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136482.D

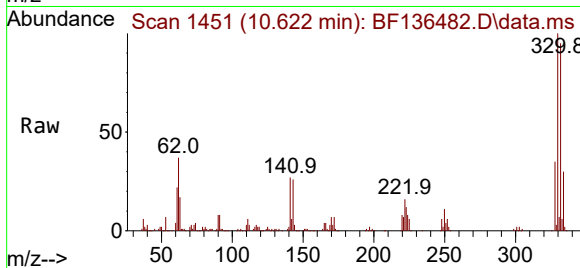
Acq: 08 Dec 2023 22:57

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-07RE



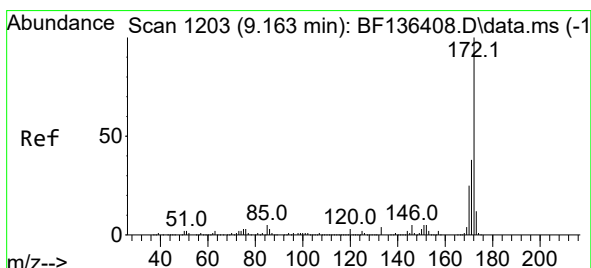
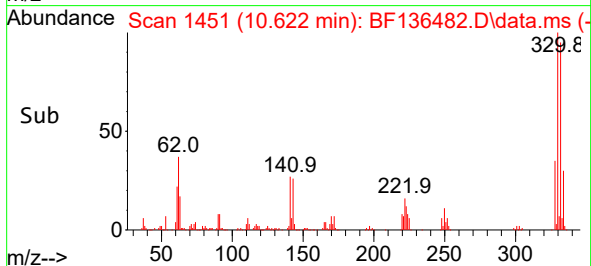
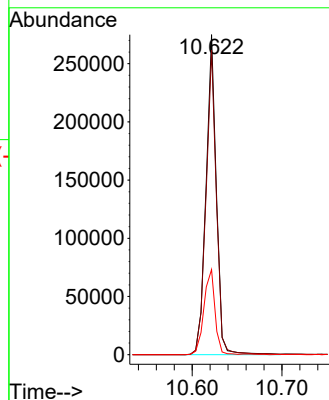
Tgt Ion:330 Resp: 219935

Ion Ratio Lower Upper

330 100

332 95.6 76.4 114.6

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 69.396 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136482.D

Acq: 08 Dec 2023 22:57

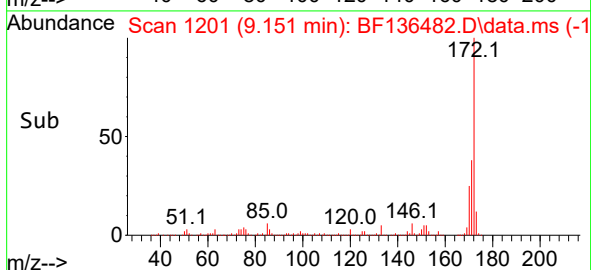
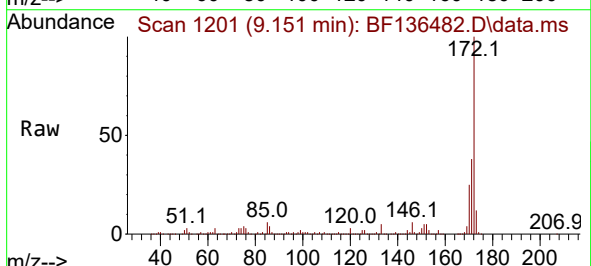
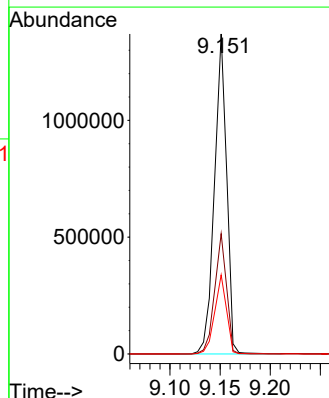
Tgt Ion:172 Resp: 1157078

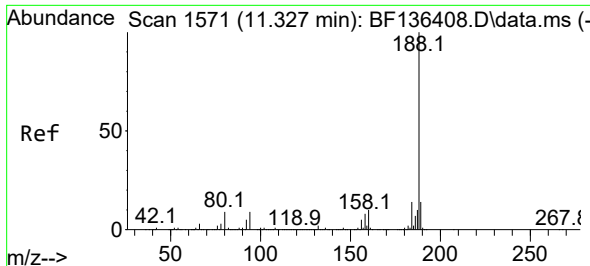
Ion Ratio Lower Upper

172 100

171 37.6 30.5 45.7

170 24.7 19.9 29.9

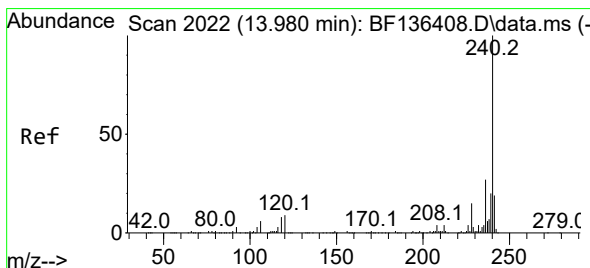
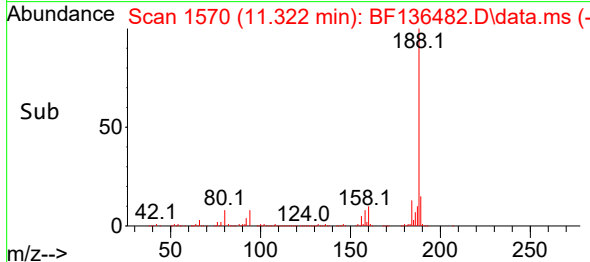
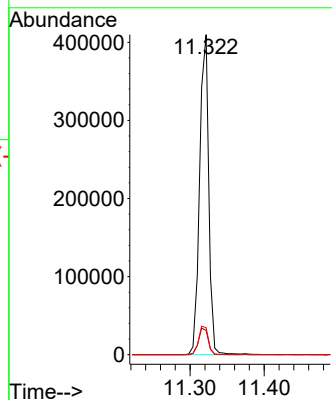
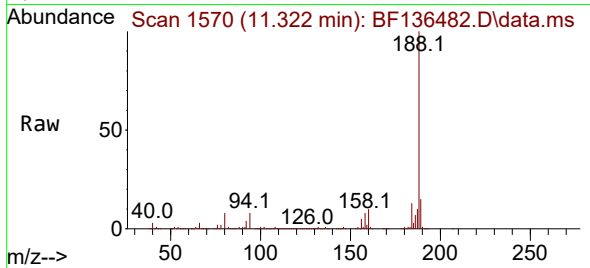




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

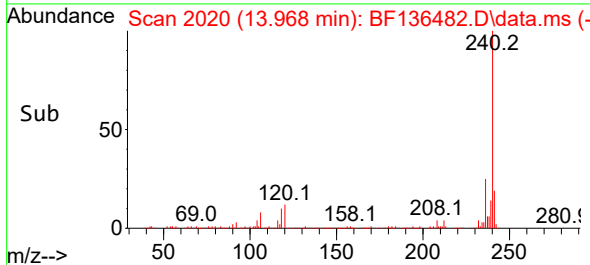
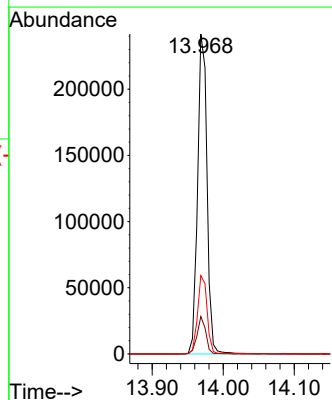
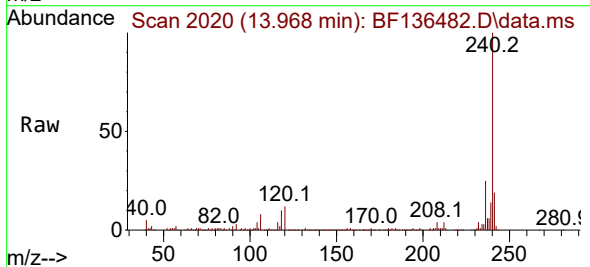
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-07RE

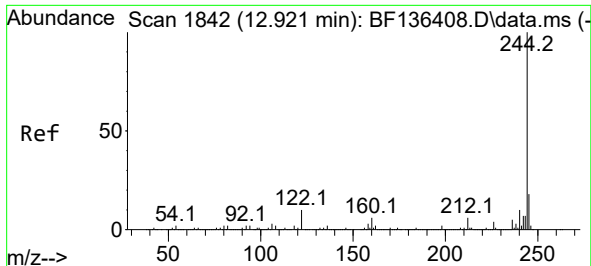
Tgt Ion:188 Resp: 348136
Ion Ratio Lower Upper
188 100
94 7.6 7.2 10.8
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

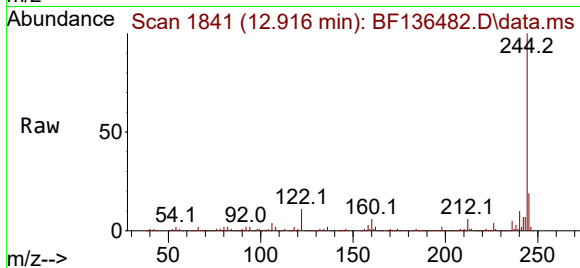
Tgt Ion:240 Resp: 224154
Ion Ratio Lower Upper
240 100
120 11.7 7.3 10.9#
236 24.5 21.3 31.9



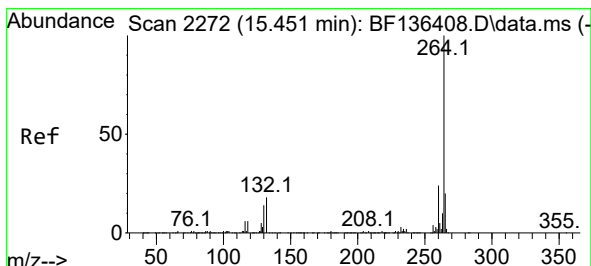
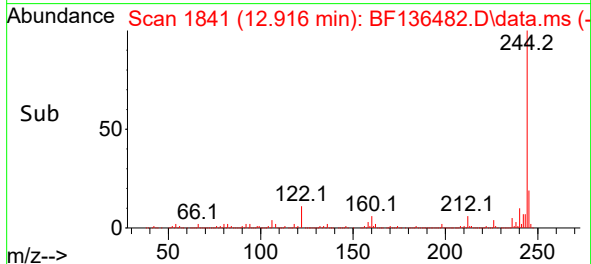
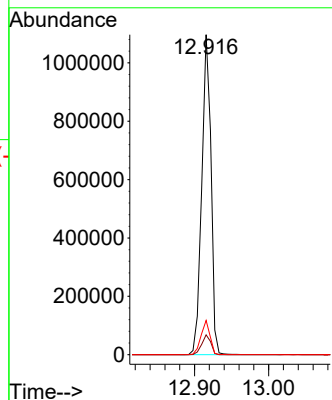


#79
 Terphenyl-d14
 Concen: 55.673 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136482.D
 Acq: 08 Dec 2023 22:57

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-07RE



Tgt Ion:244 Resp: 946809
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.7 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: BF136482.D
 Acq: 08 Dec 2023 22:57

Tgt Ion:264 Resp: 200273
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.3 15.9 23.9

