

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135954.D
 Acq On : 25 Oct 2023 22:01
 Operator : CG\JU
 Sample : PB156472BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156472BL

Quant Time: Oct 26 04:34:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	142705	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	583659	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	305254	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	573329	20.000	ng	0.00
76) Chrysene-d12	13.998	240	430245	20.000	ng	-0.01
86) Perylene-d12	15.486	264	364283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1436843	155.476	ng	0.01
7) Phenol-d6	6.457	99	1761338	153.088	ng	0.00
23) Nitrobenzene-d5	7.387	82	1021092	109.753	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	464724	173.932	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1897105	99.515	ng	0.00
79) Terphenyl-d14	12.951	244	2330670	90.507	ng	0.00

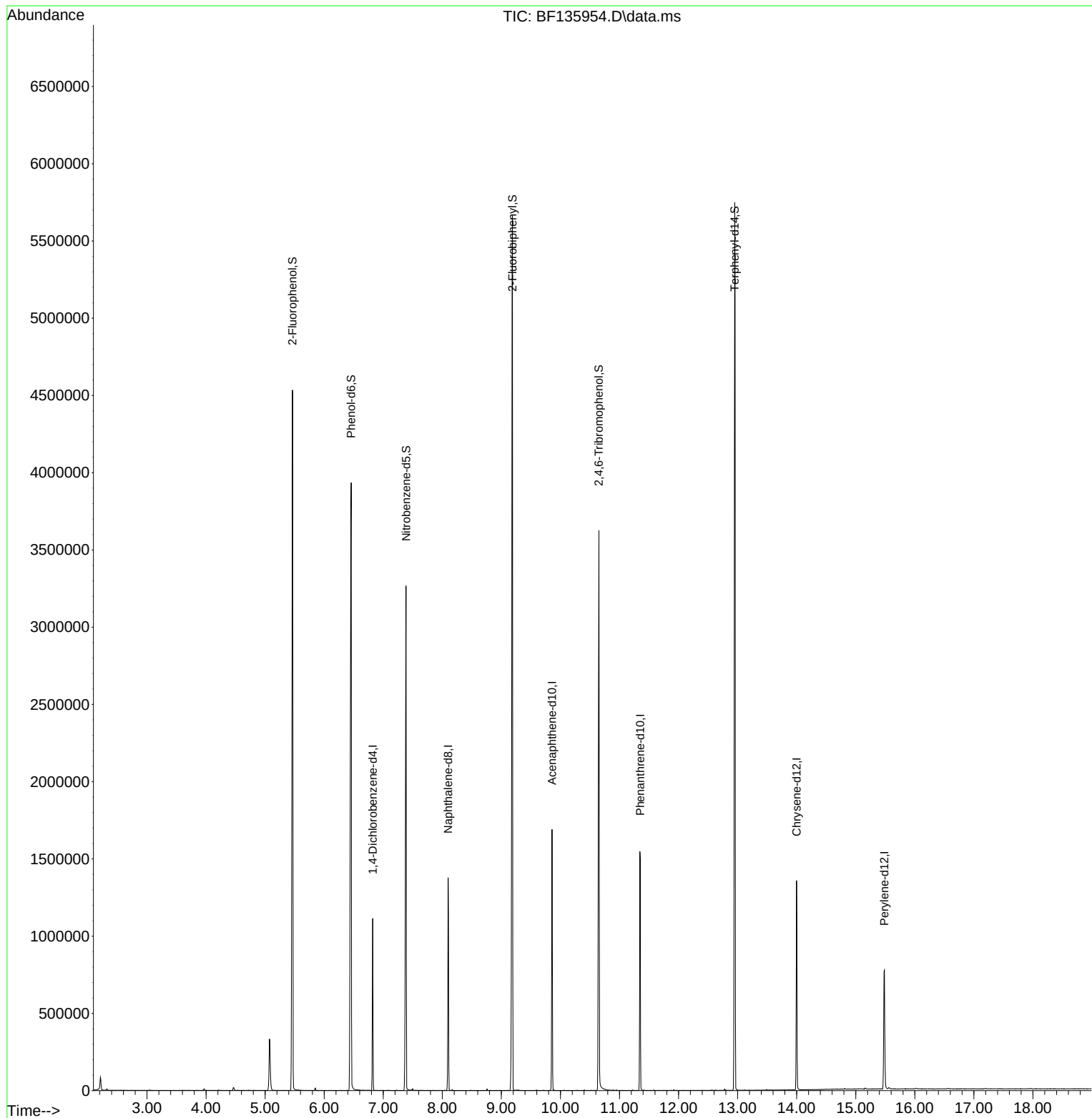
Target Compounds	Qvalue

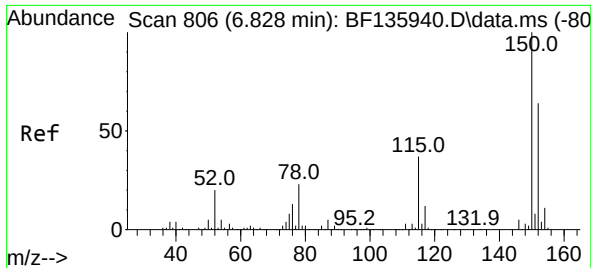
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
Data File : BF135954.D
Acq On : 25 Oct 2023 22:01
Operator : CG\JU
Sample : PB156472BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB156472BL

Quant Time: Oct 26 04:34:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

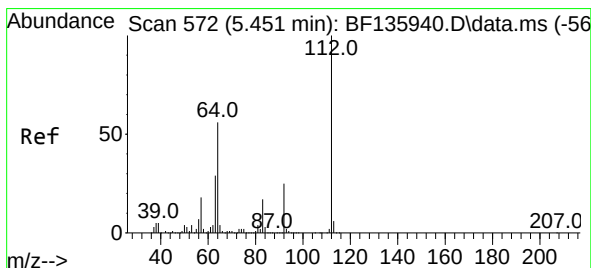
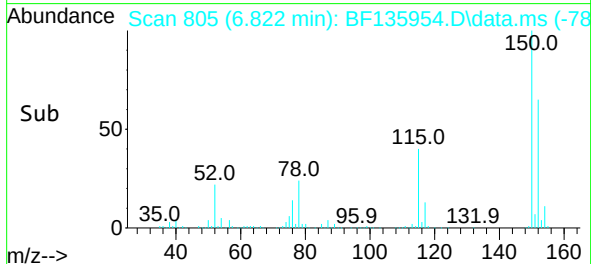
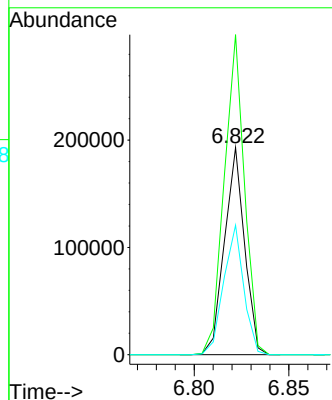
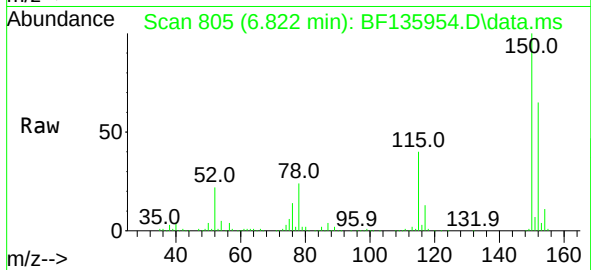




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

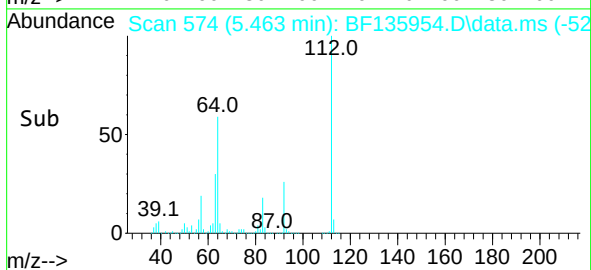
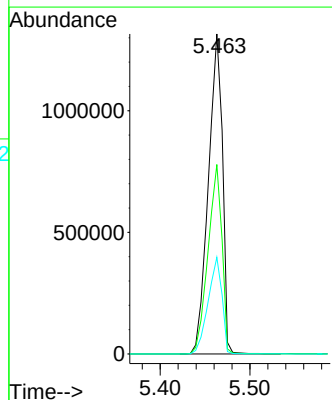
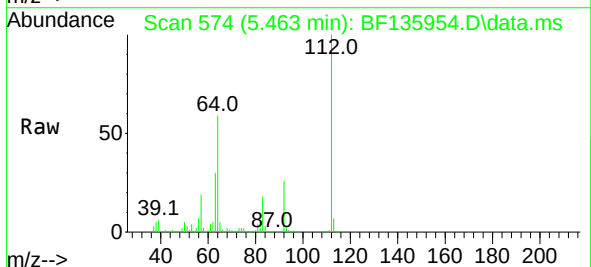
Instrument :
BNA_F
ClientSampleId :
PB156472BL

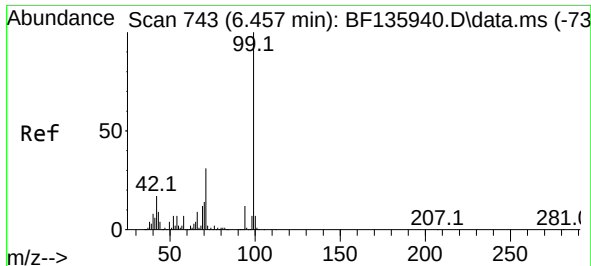
Tgt Ion:152 Resp: 142705
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 62.5 46.6 69.8



#5
2-Fluorophenol
Concen: 155.476 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Tgt Ion:112 Resp: 1436843
Ion Ratio Lower Upper
112 100
64 59.2 45.1 67.7
63 30.2 23.0 34.4



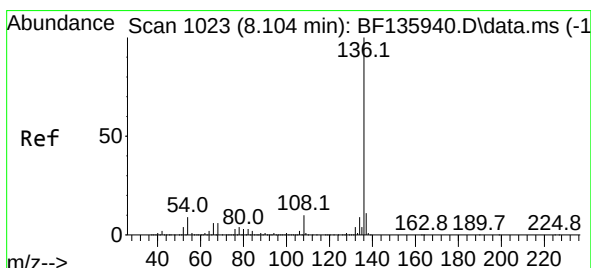
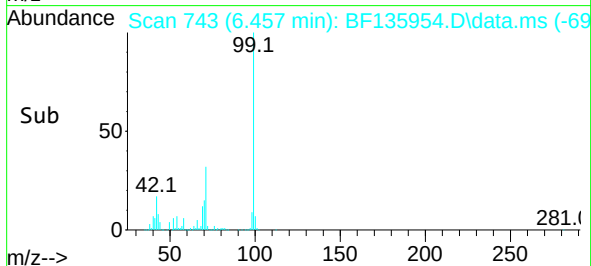
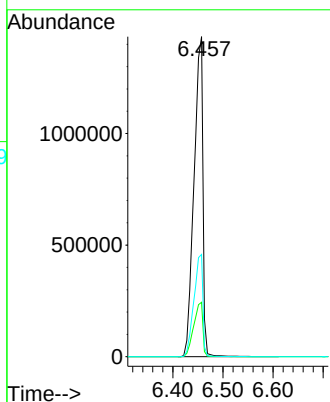
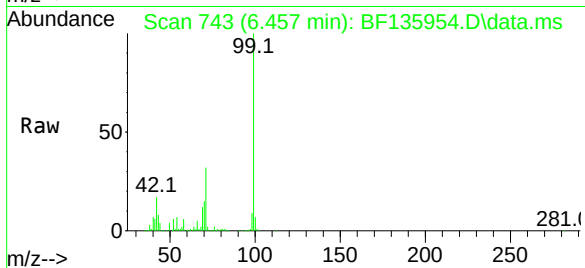


#7
Phenol-d6
Concen: 153.088 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Instrument :
BNA_F
ClientSampleId :
PB156472BL

Tgt Ion: 99 Resp: 1761338

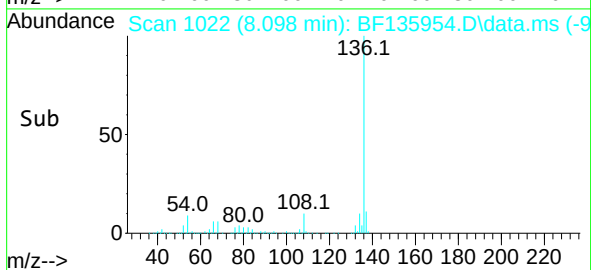
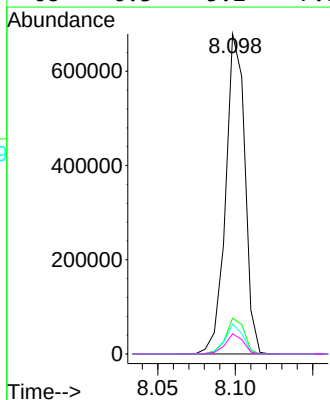
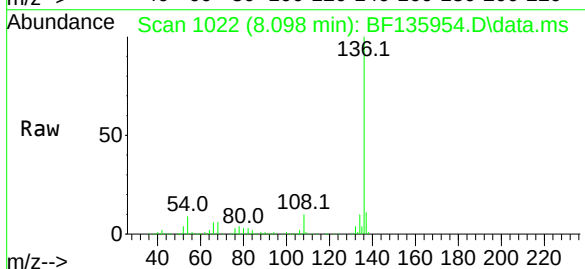
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.8
71	32.0	25.1	37.7

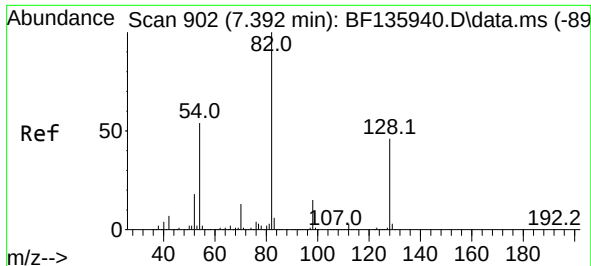


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Tgt Ion: 136 Resp: 583659

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.3	7.1	10.7
68	6.3	5.2	7.8





#23

Nitrobenzene-d5

Concen: 109.753 ng

RT: 7.387 min Scan# 90

Delta R.T. -0.005 min

Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

Instrument :

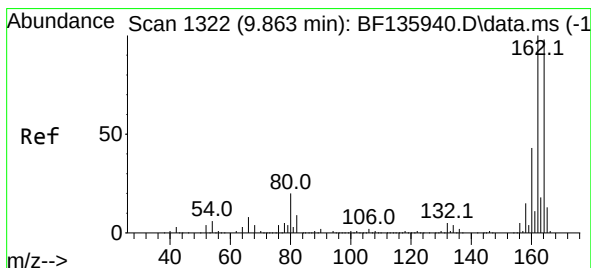
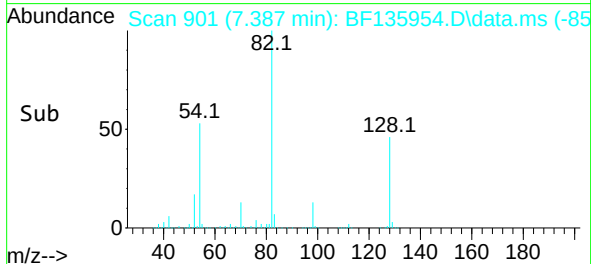
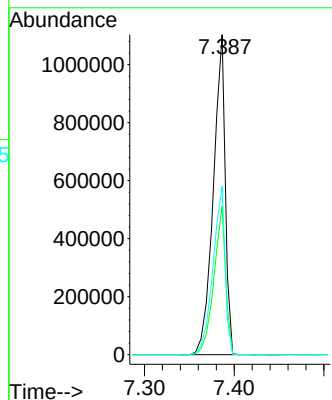
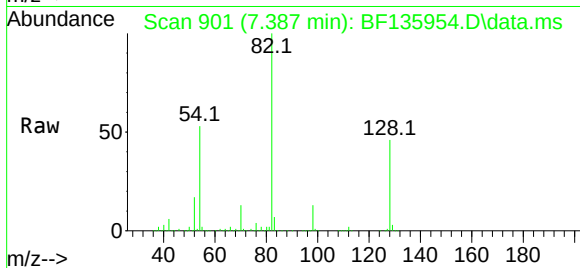
BNA_F

ClientSampleId :

PB156472BL

Tgt Ion: 82 Resp: 1021092

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.8	55.2
54	52.6	43.4	65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

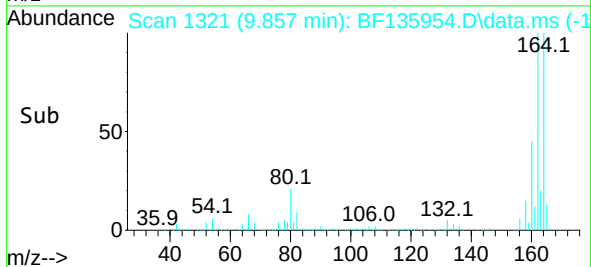
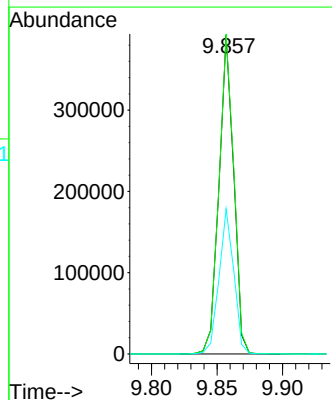
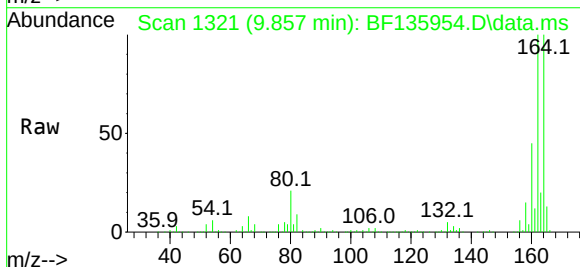
Delta R.T. -0.006 min

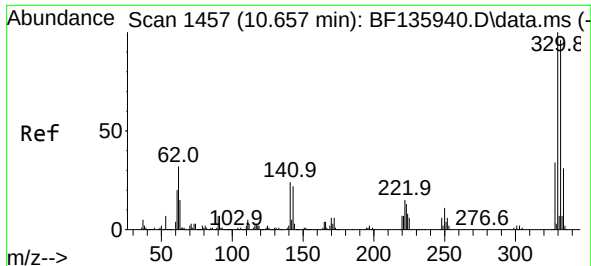
Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

Tgt Ion: 164 Resp: 305254

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.0	123.0
160	45.5	35.6	53.4

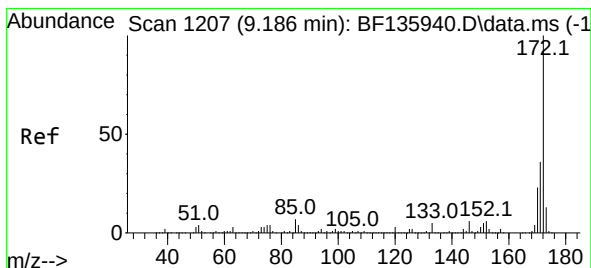
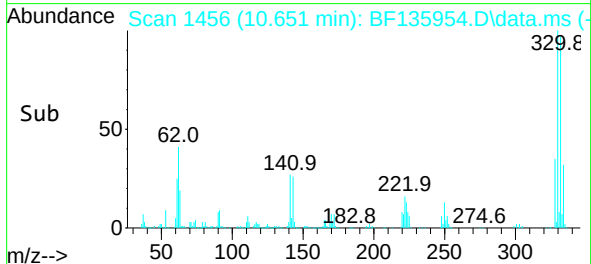
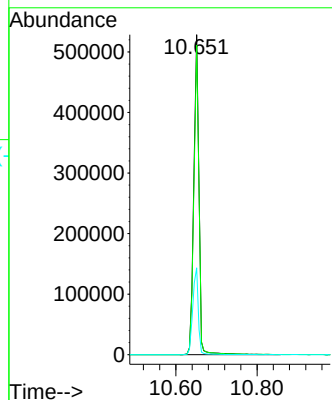
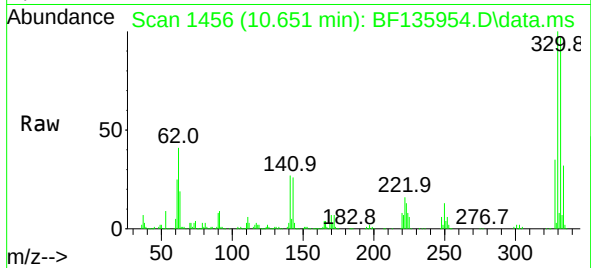




#42
2,4,6-Tribromophenol
Concen: 173.932 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

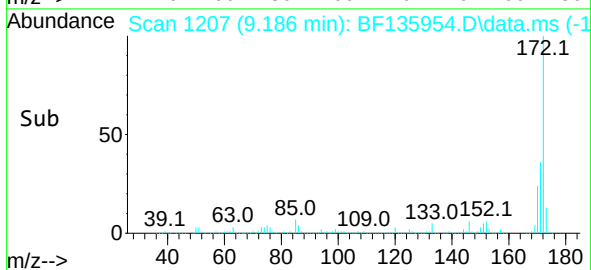
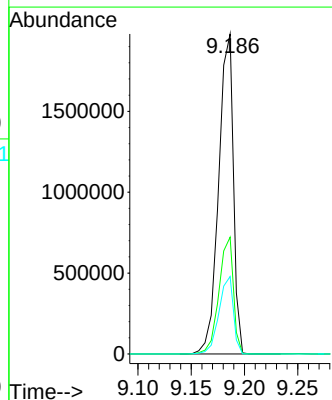
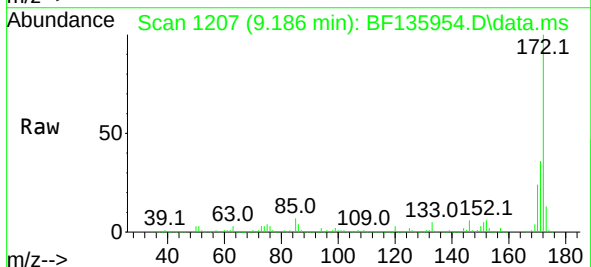
Instrument :
BNA_F
ClientSampleId :
PB156472BL

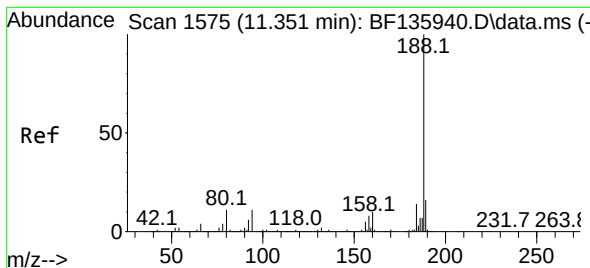
Tgt Ion:330 Resp: 464724
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.2
141 29.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 99.515 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Tgt Ion:172 Resp: 1897105
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

Instrument :

BNA_F

ClientSampleId :

PB156472BL

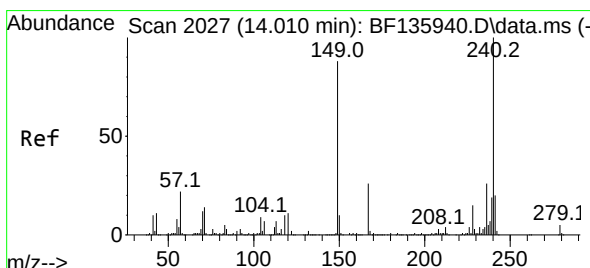
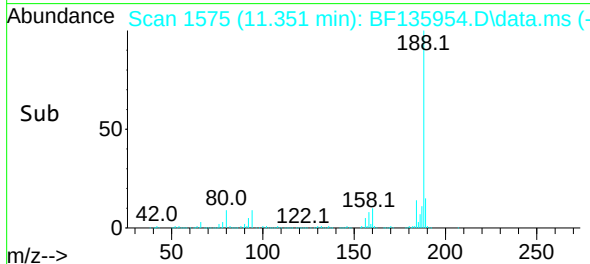
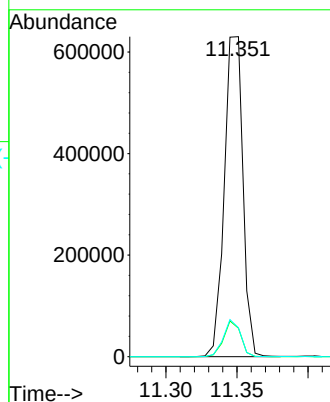
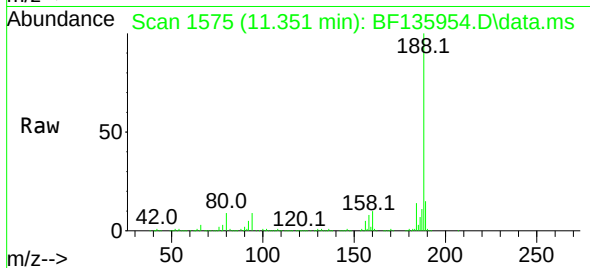
Tgt Ion:188 Resp: 573329

Ion Ratio Lower Upper

188 100

94 8.9 8.6 13.0

80 9.1 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

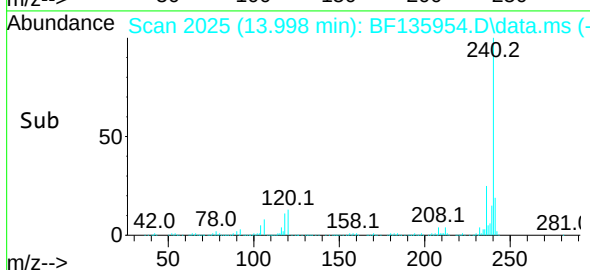
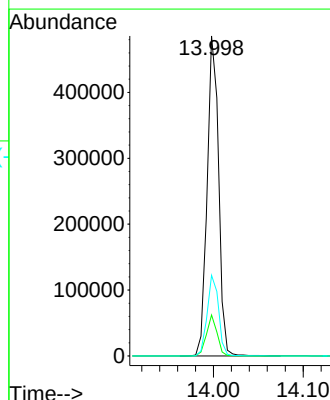
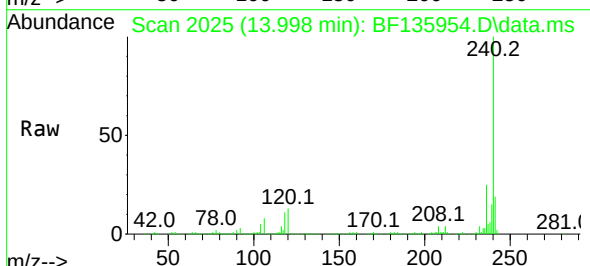
Tgt Ion:240 Resp: 430245

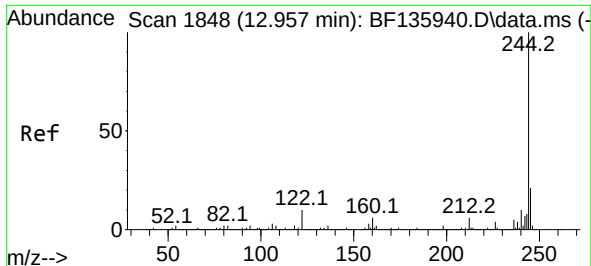
Ion Ratio Lower Upper

240 100

120 12.8 8.6 13.0

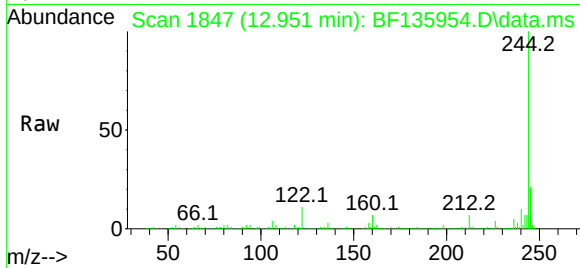
236 25.2 20.6 30.8





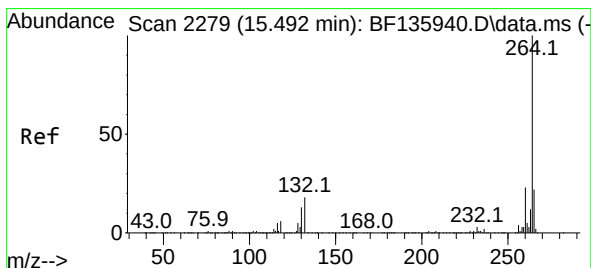
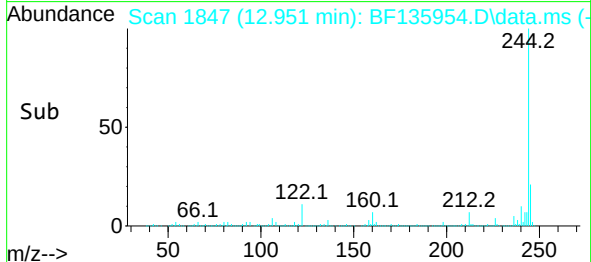
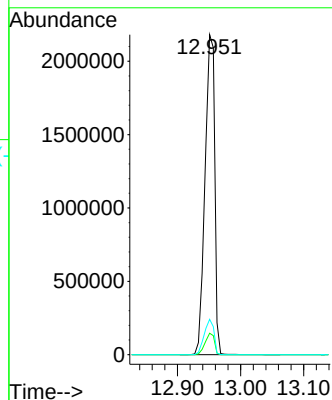
#79
 Terphenyl-d14
 Concen: 90.507 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135954.D
 Acq: 25 Oct 2023 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB156472BL



Tgt Ion:244 Resp: 2330670

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.6
122	11.1	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF135954.D
 Acq: 25 Oct 2023 22:01

Tgt Ion:264 Resp: 364283

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.3	17.3	25.9

