

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135979.D
 Acq On : 27 Oct 2023 12:16
 Operator : CG\JU
 Sample : PB156392BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Quant Time: Oct 27 22:29:20 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	6.828	152	162370	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	638277	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	316061	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	585564	20.000	ng	0.00
76) Chrysene-d12	14.010	240	450412	20.000	ng	0.00
86) Perylene-d12	15.498	264	371642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1635592	155.548	ng	0.02
7) Phenol-d6	6.463	99	2015954	153.997	ng	0.00
23) Nitrobenzene-d5	7.393	82	1154234	113.118	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	545415	197.152	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2047962	103.755	ng	0.00
79) Terphenyl-d14	12.963	244	2524721	93.653	ng	0.00

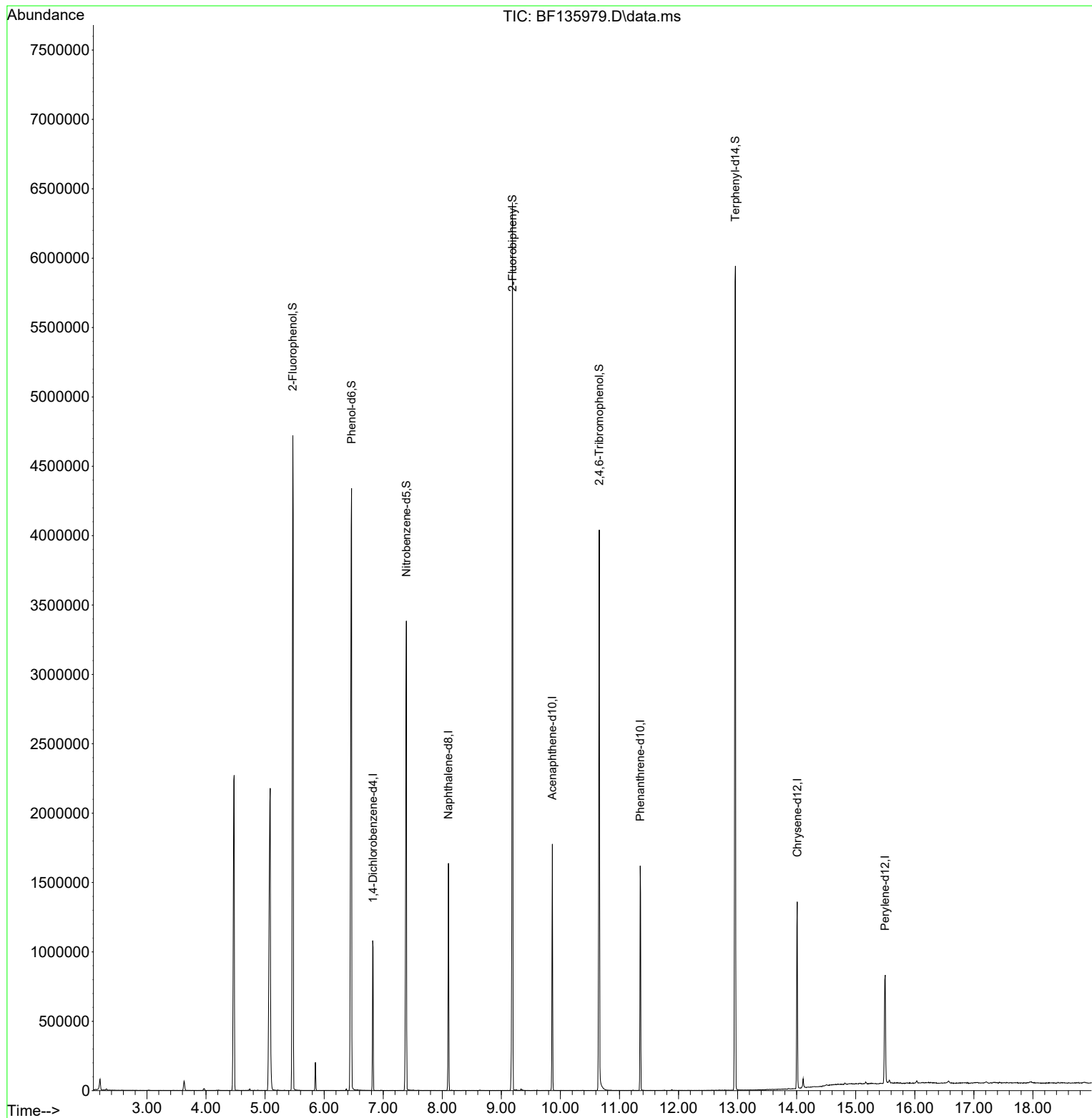
Target Compounds	Qvalue

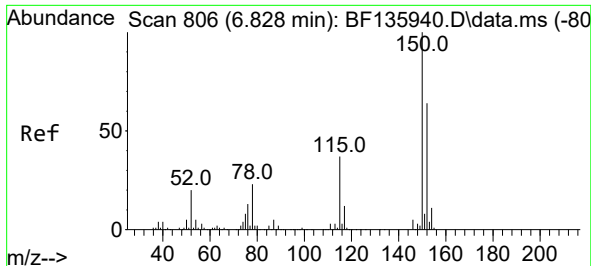
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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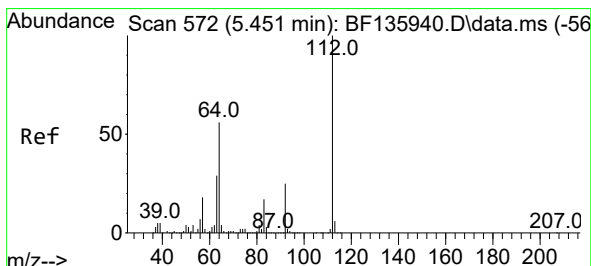
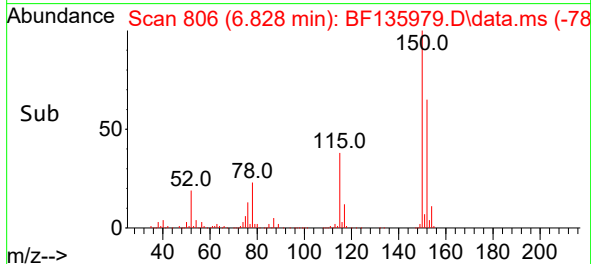
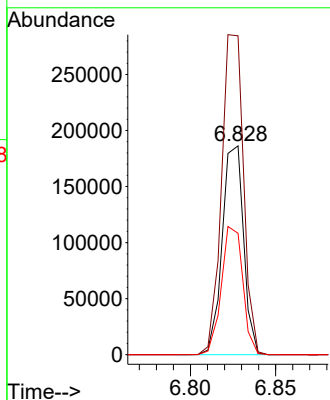
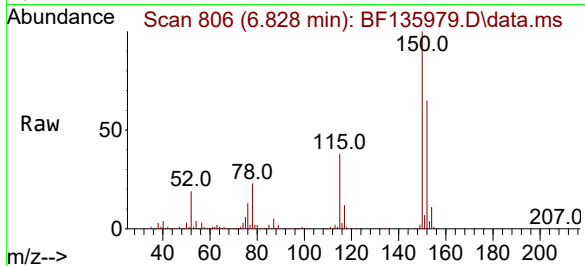




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

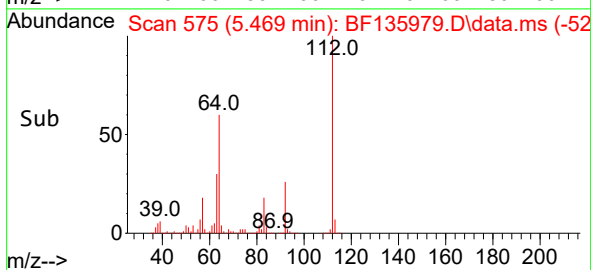
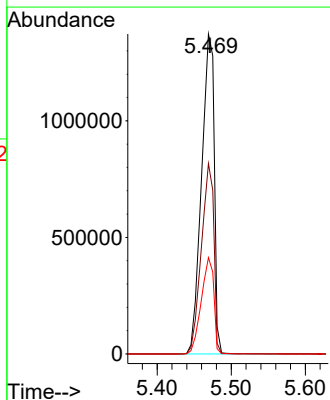
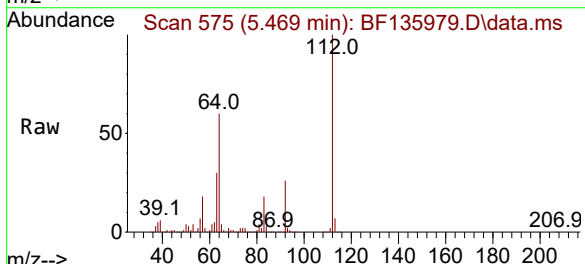
Instrument :
BNA_F
ClientSampleId :
PB156392BL

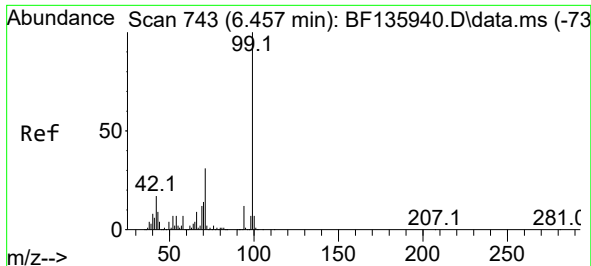
Tgt Ion:152 Resp: 162370
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 58.1 46.6 69.8



#5
2-Fluorophenol
Concen: 155.548 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Tgt Ion:112 Resp: 1635592
Ion Ratio Lower Upper
112 100
64 59.5 45.1 67.7
63 30.1 23.0 34.4





#7

Phenol-d6

Concen: 153.997 ng

RT: 6.463 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF135979.D

Acq: 27 Oct 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB156392BL

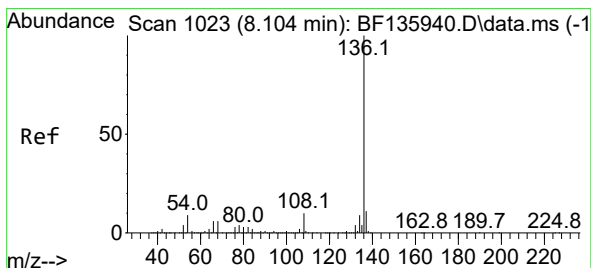
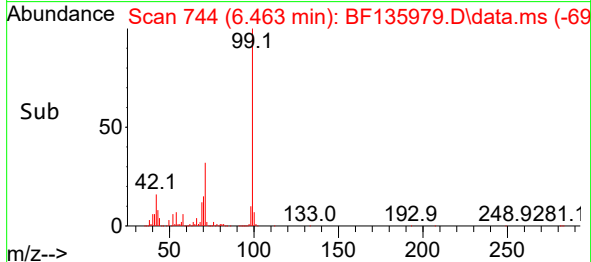
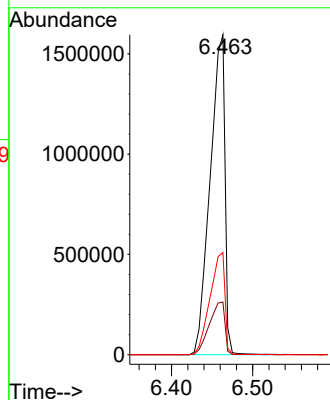
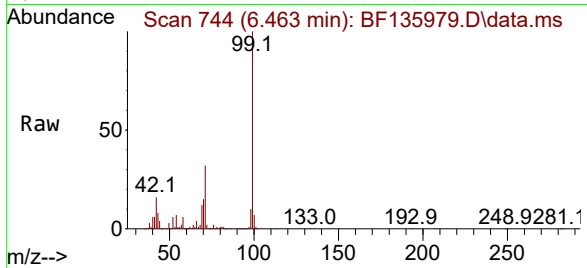
Tgt Ion: 99 Resp: 2015954

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

71 31.9 25.1 37.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF135979.D

Acq: 27 Oct 2023 12:16

Tgt Ion: 136 Resp: 638277

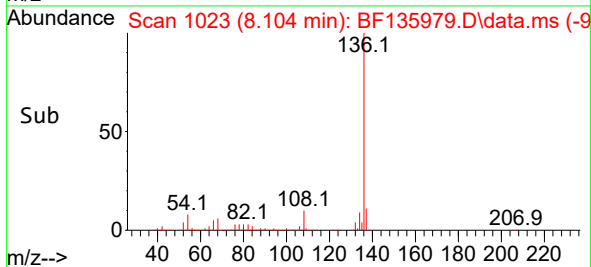
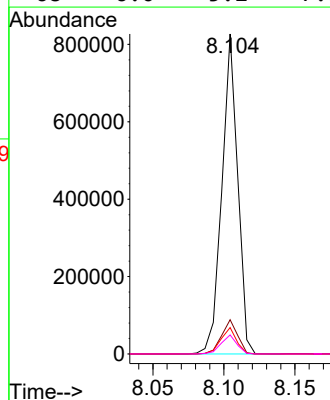
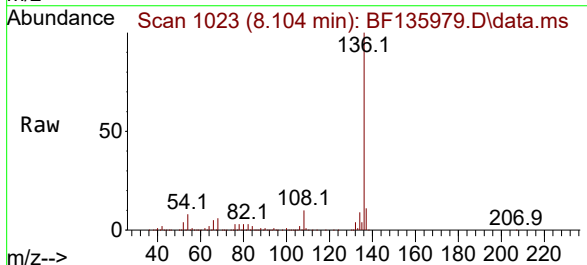
Ion Ratio Lower Upper

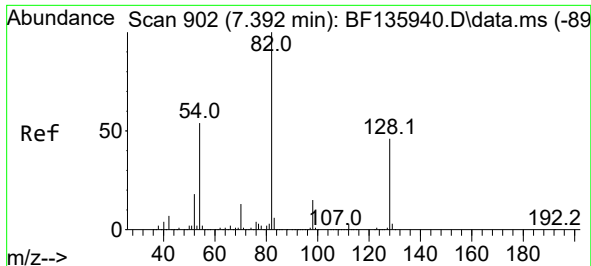
136 100

137 10.7 9.0 13.6

54 8.3 7.1 10.7

68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 113.118 ng

RT: 7.393 min Scan# 902

Delta R.T. 0.001 min

Lab File: BF135979.D

Acq: 27 Oct 2023 12:16

Instrument :

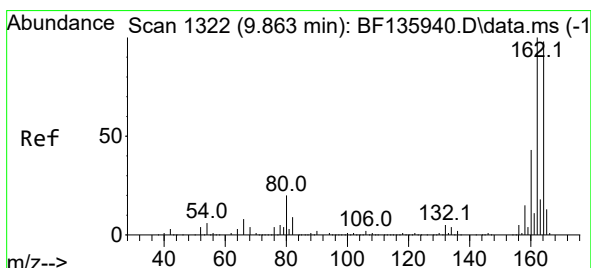
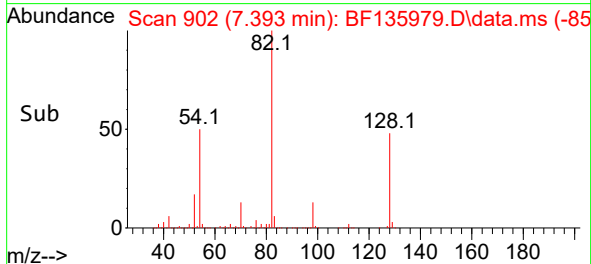
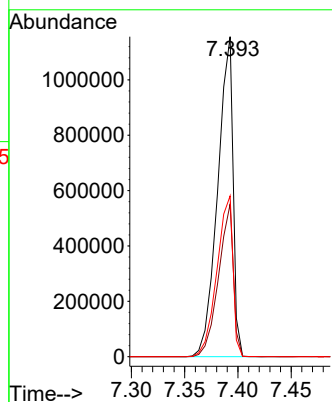
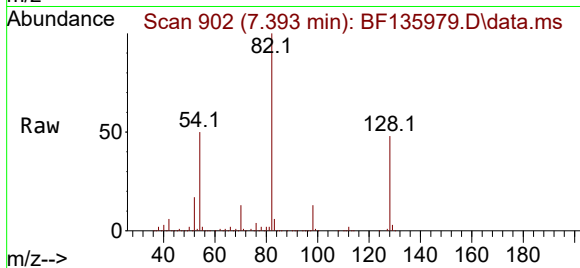
BNA_F

ClientSampleId :

PB156392BL

Tgt Ion: 82 Resp: 1154234

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.8	55.2
54	50.2	43.4	65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

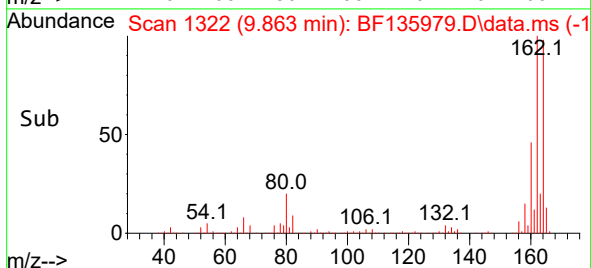
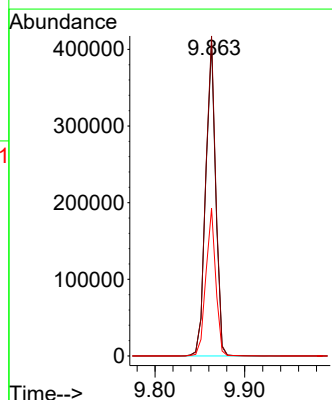
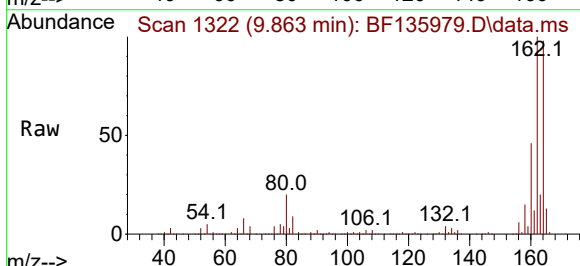
Delta R.T. 0.000 min

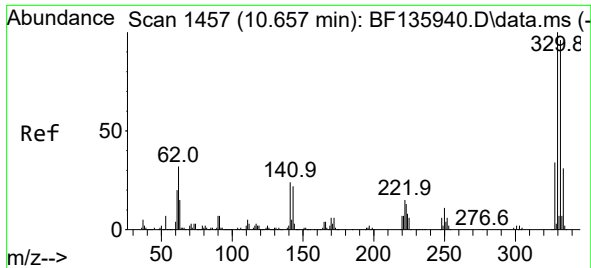
Lab File: BF135979.D

Acq: 27 Oct 2023 12:16

Tgt Ion: 164 Resp: 316061

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.0	123.0
160	47.1	35.6	53.4

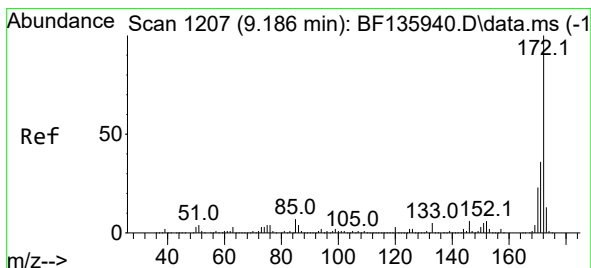
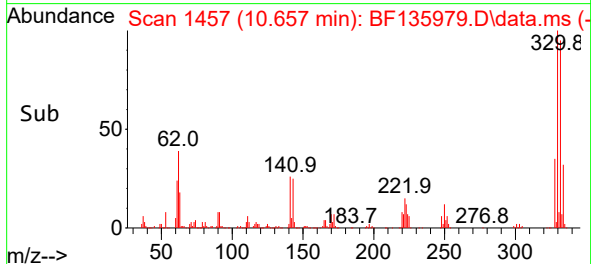
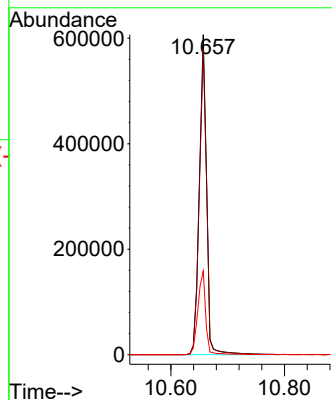
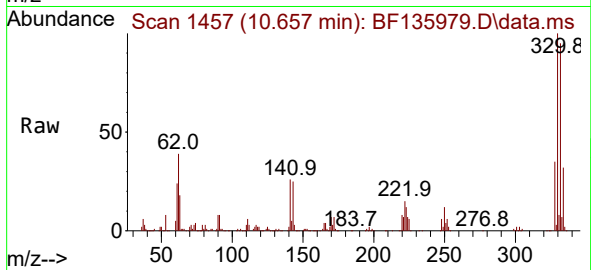




#42
2,4,6-Tribromophenol
Concen: 197.152 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

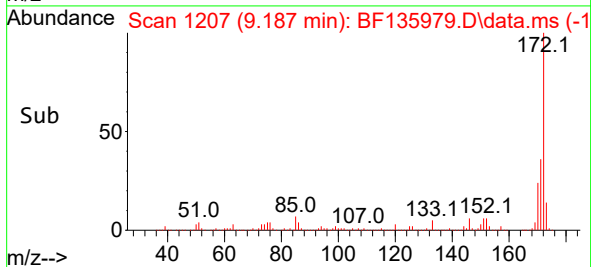
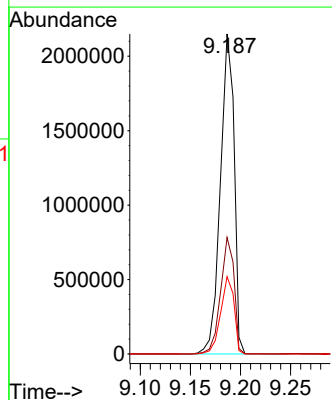
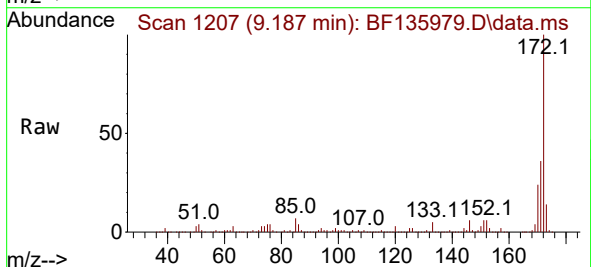
Instrument :
BNA_F
ClientSampleId :
PB156392BL

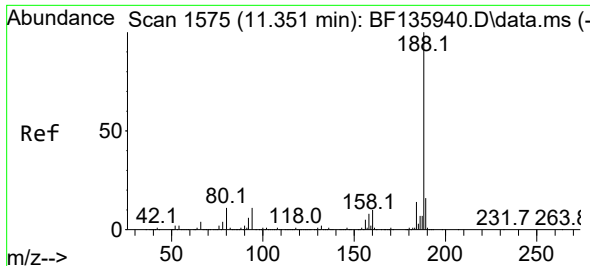
Tgt Ion:330 Resp: 545415
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 28.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 103.755 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Tgt Ion:172 Resp: 2047962
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.2 18.6 28.0

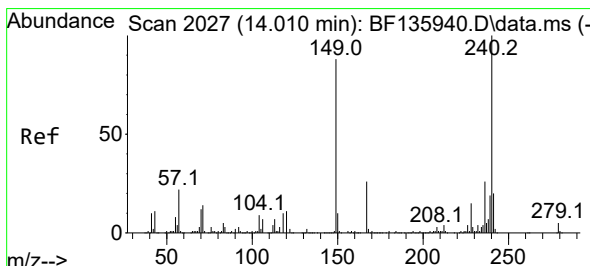
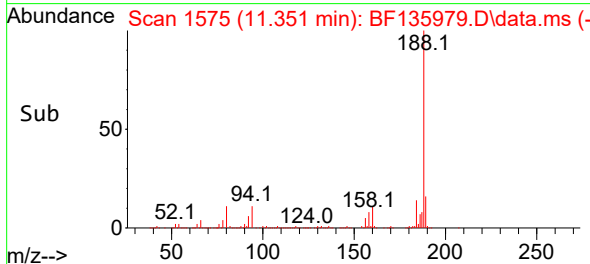
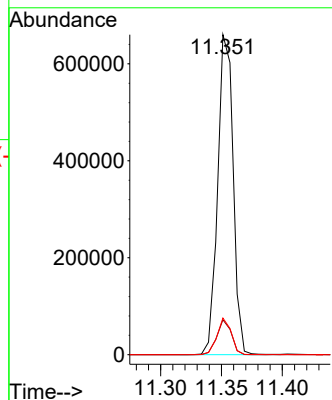
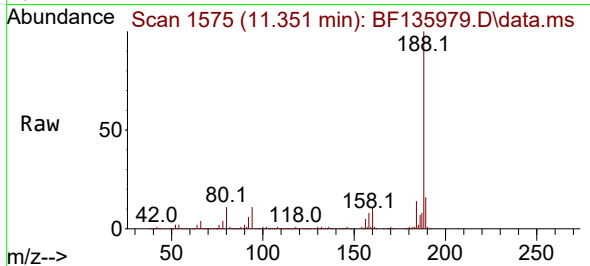




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

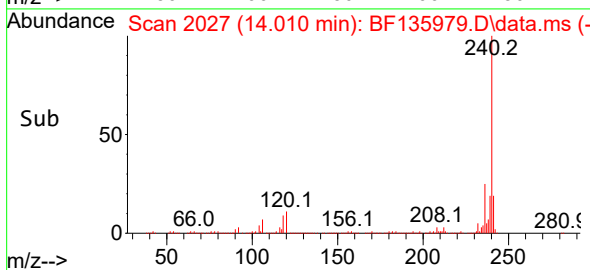
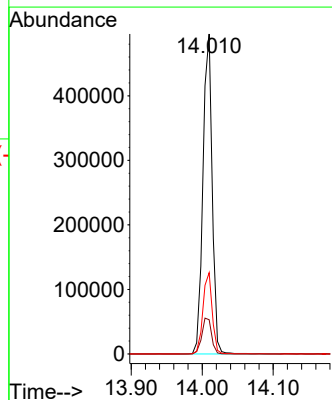
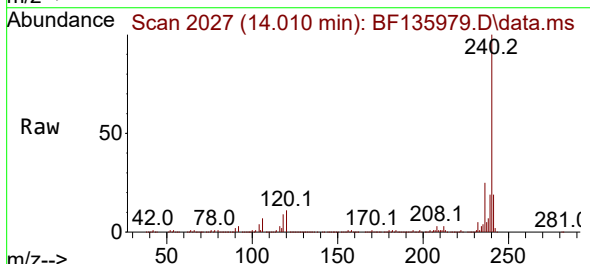
Instrument :
BNA_F
ClientSampleId :
PB156392BL

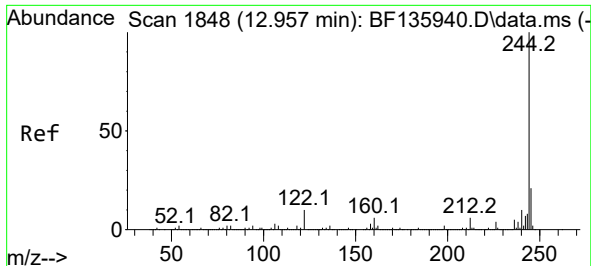
Tgt Ion:188 Resp: 585564
Ion Ratio Lower Upper
188 100
94 10.9 8.6 13.0
80 11.4 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

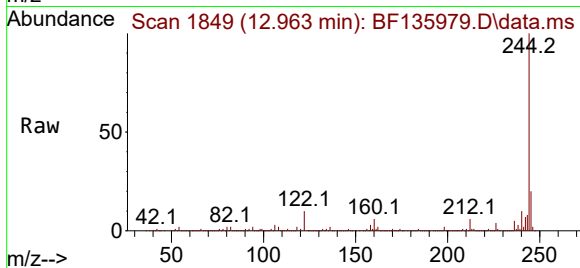
Tgt Ion:240 Resp: 450412
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 25.4 20.6 30.8



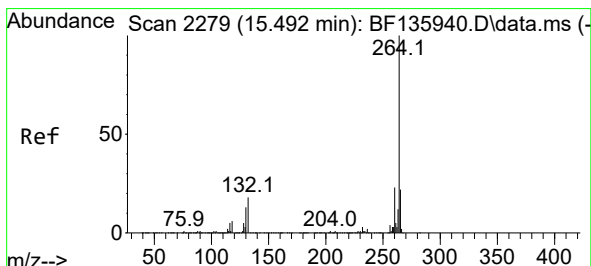
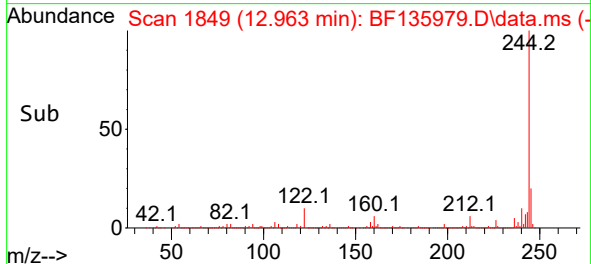
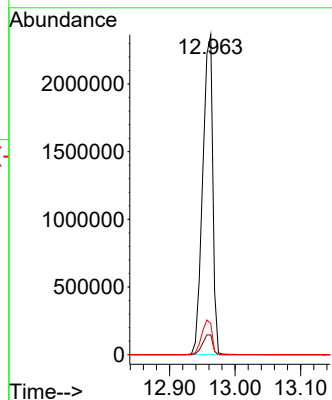


#79
Terphenyl-d14
Concen: 93.653 ng
RT: 12.963 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB156392BL



Tgt Ion:244 Resp: 2524721
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.6
122 9.8 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Tgt Ion:264 Resp: 371642
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.4 17.3 25.9

