

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135945.D
 Acq On : 25 Oct 2023 17:20
 Operator : CG\JU
 Sample : PB156430BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156430BL

Quant Time: Oct 26 04:30:15 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	156904	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	654487	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	336534	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	637011	20.000	ng	0.00
76) Chrysene-d12	14.004	240	491812	20.000	ng	0.00
86) Perylene-d12	15.486	264	407432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1725969	169.861	ng	0.02
7) Phenol-d6	6.457	99	2135340	168.799	ng	0.00
23) Nitrobenzene-d5	7.387	82	1199074	114.474	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	560616	190.319	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2143206	101.975	ng	0.00
79) Terphenyl-d14	12.957	244	2622332	89.085	ng	0.00

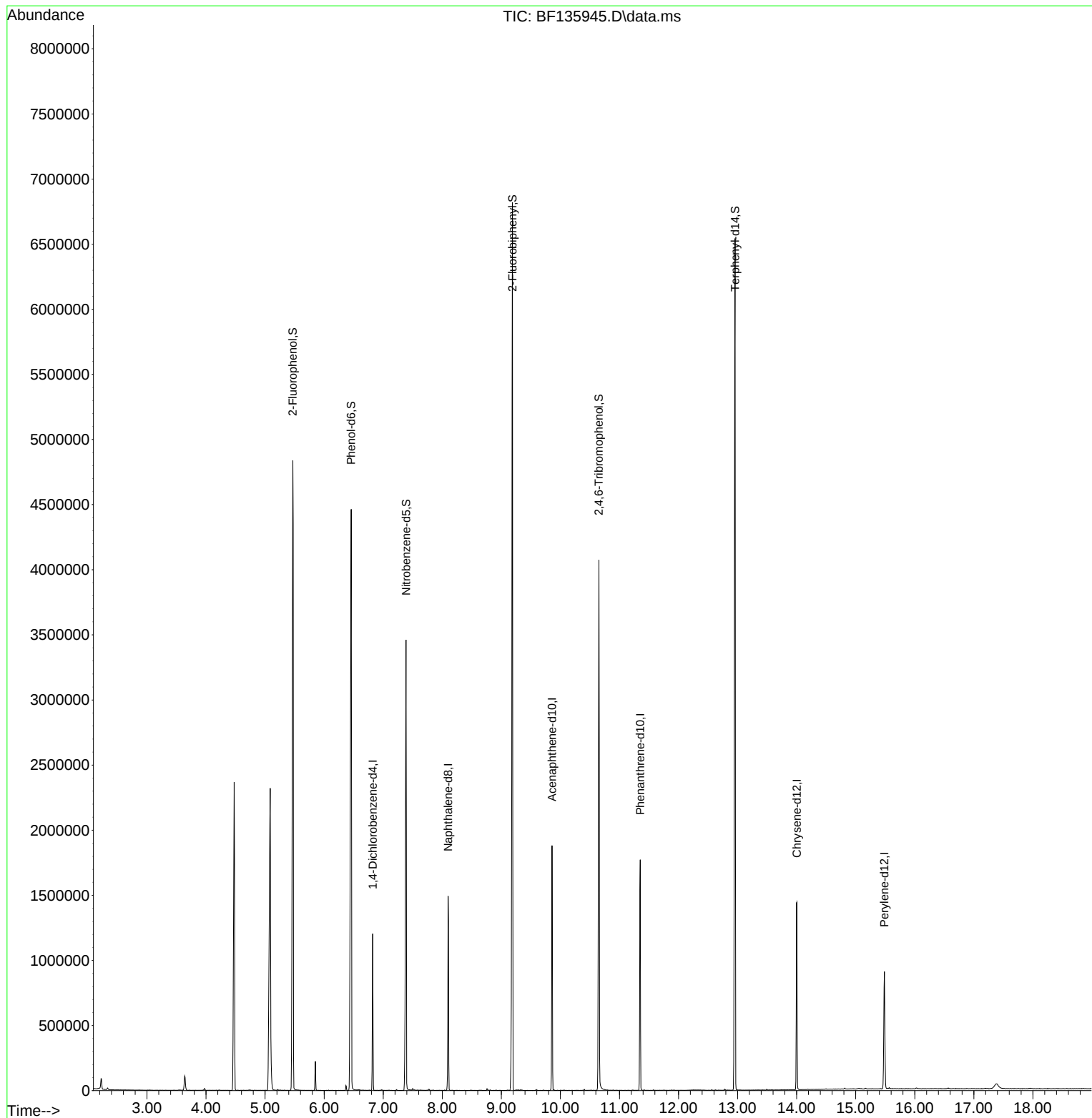
Target Compounds	Qvalue

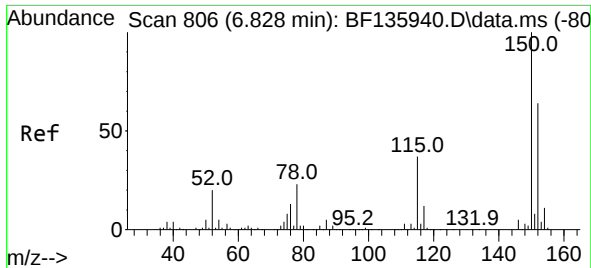
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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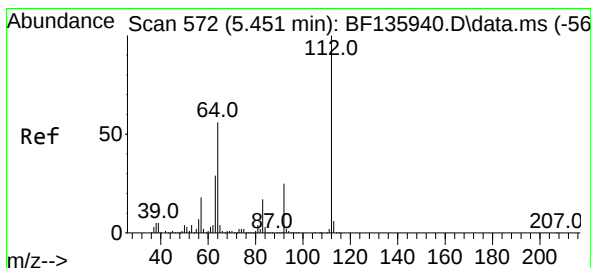
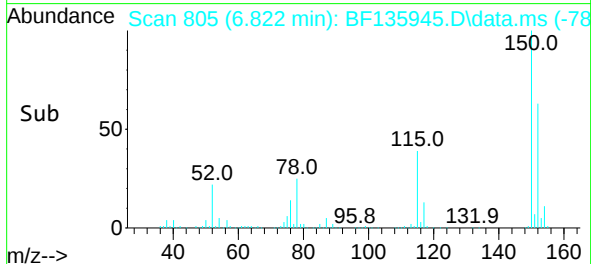
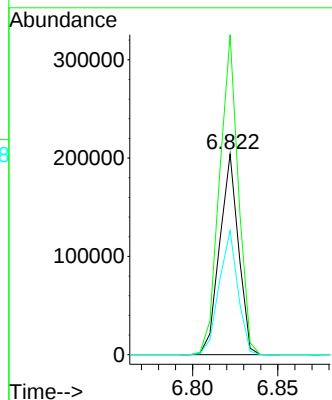
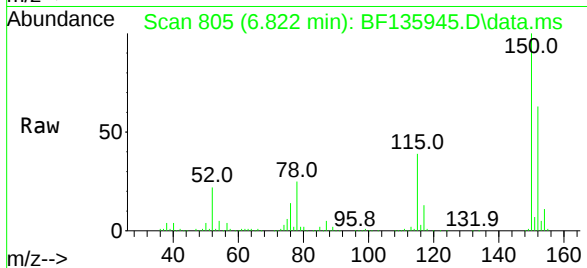




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135945.D
Acq: 25 Oct 2023 17:20

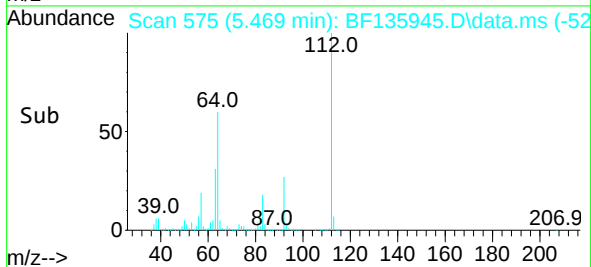
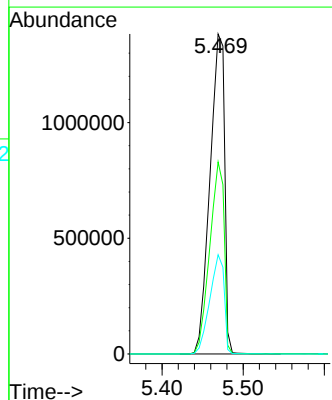
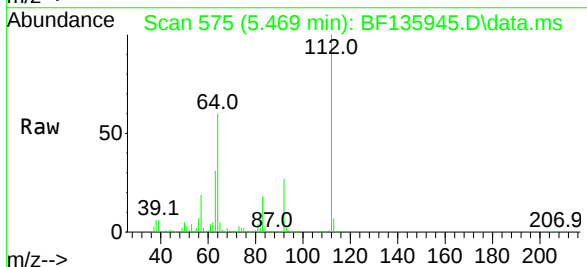
Instrument :
BNA_F
ClientSampleId :
PB156430BL

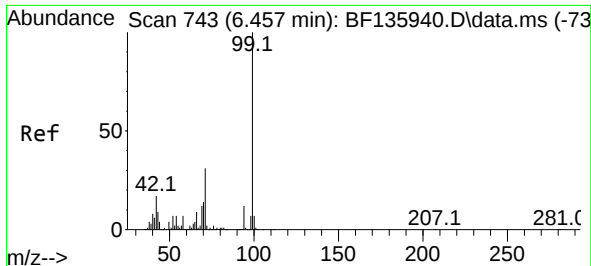
Tgt Ion:152 Resp: 156904
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 61.9 46.6 69.8



#5
2-Fluorophenol
Concen: 169.861 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF135945.D
Acq: 25 Oct 2023 17:20

Tgt Ion:112 Resp: 1725969
Ion Ratio Lower Upper
112 100
64 60.0 45.1 67.7
63 31.0 23.0 34.4

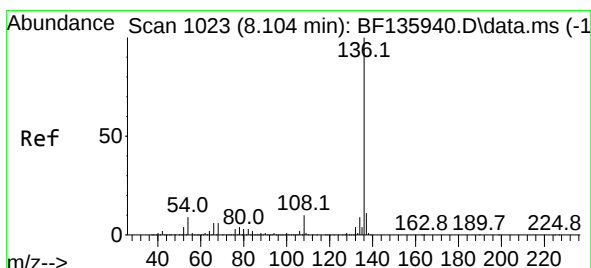
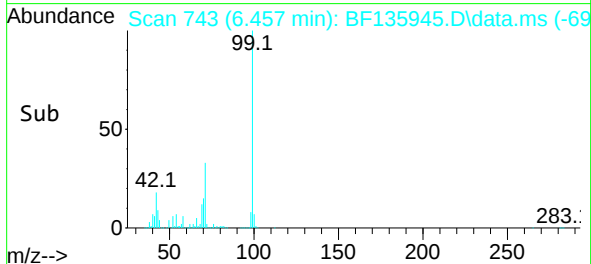
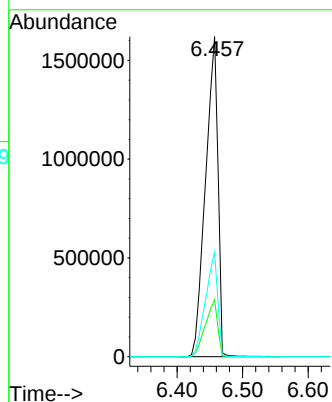
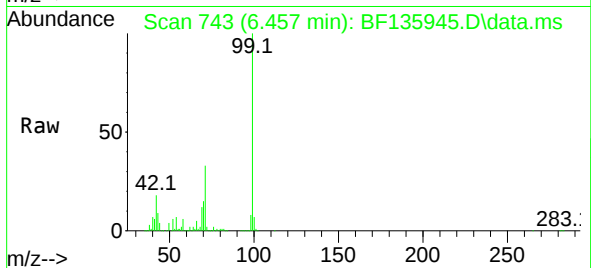




#7
Phenol-d6
Concen: 168.799 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135945.D
Acq: 25 Oct 2023 17:20

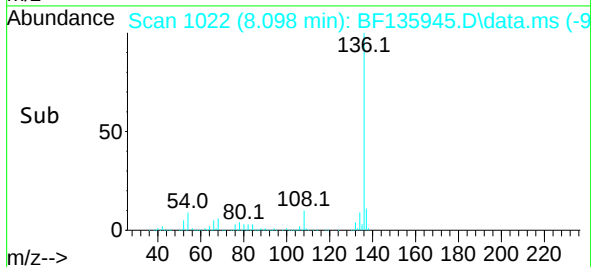
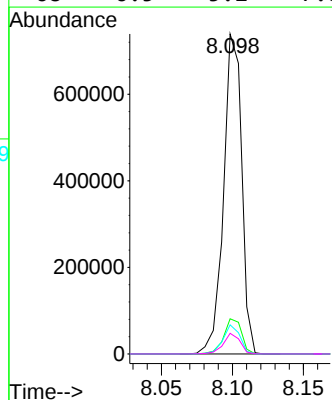
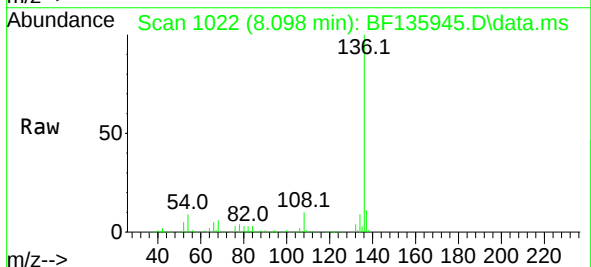
Instrument :
BNA_F
ClientSampleId :
PB156430BL

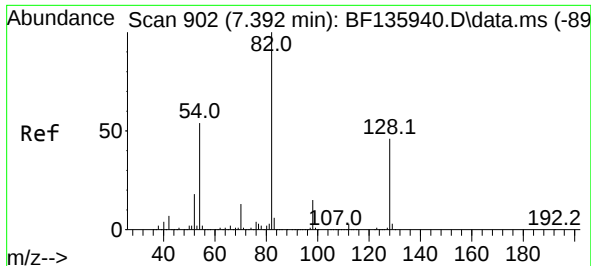
Tgt Ion: 99 Resp: 2135340
Ion Ratio Lower Upper
99 100
42 17.8 13.8 20.8
71 32.6 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135945.D
Acq: 25 Oct 2023 17:20

Tgt Ion:136 Resp: 654487
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.1 7.1 10.7
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 114.474 ng

RT: 7.387 min Scan# 902

Delta R.T. -0.005 min

Lab File: BF135945.D

Acq: 25 Oct 2023 17:20

Instrument :

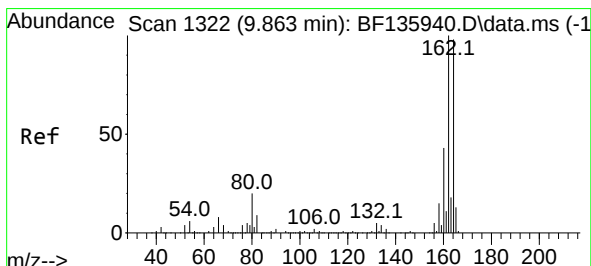
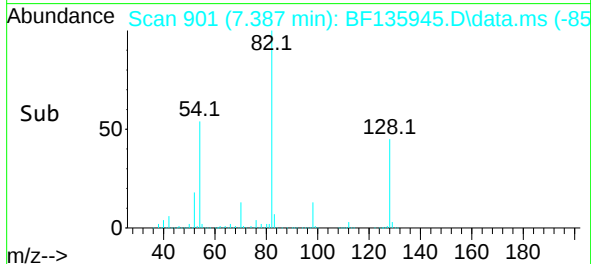
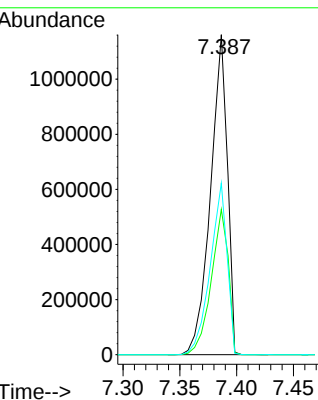
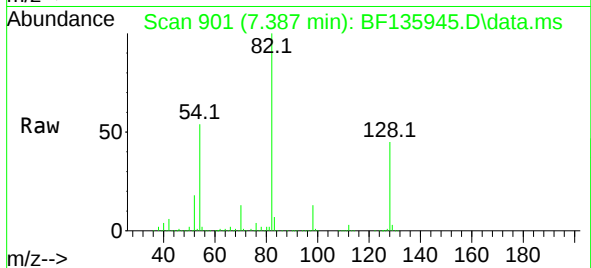
BNA_F

ClientSampleId :

PB156430BL

Tgt Ion: 82 Resp: 1199074

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.8	55.2
54	53.6	43.4	65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

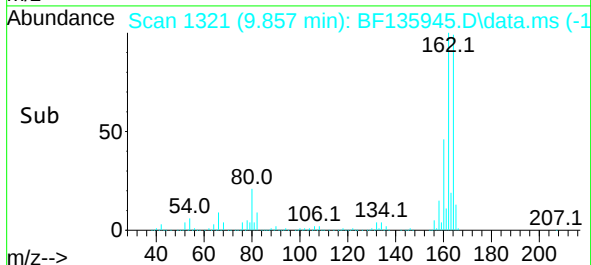
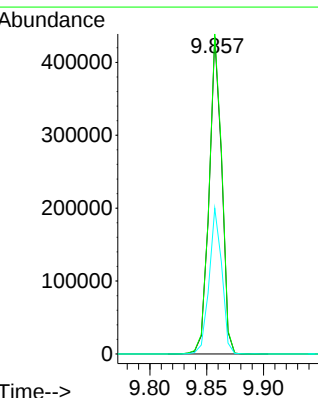
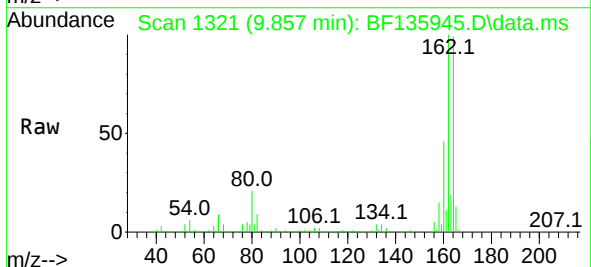
Delta R.T. -0.006 min

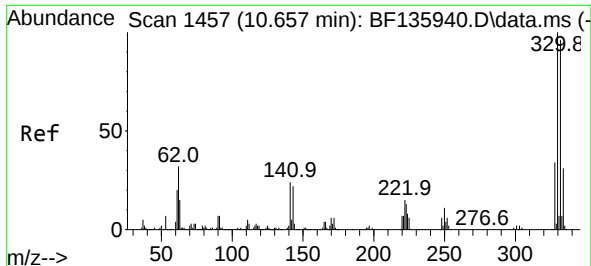
Lab File: BF135945.D

Acq: 25 Oct 2023 17:20

Tgt Ion: 164 Resp: 336534

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.0	123.0
160	46.0	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 190.319 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF135945.D

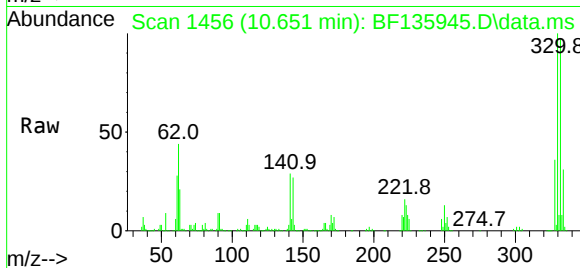
Acq: 25 Oct 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB156430BL



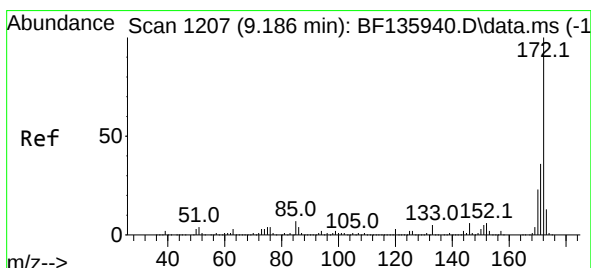
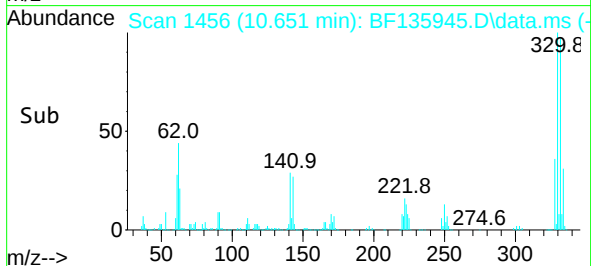
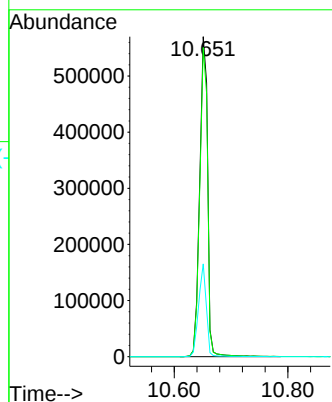
Tgt Ion:330 Resp: 560616

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

141 28.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 101.975 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135945.D

Acq: 25 Oct 2023 17:20

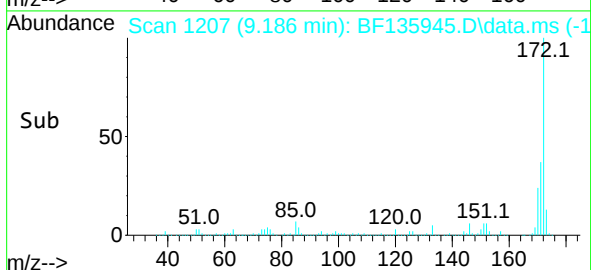
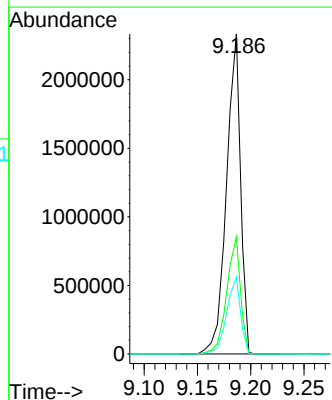
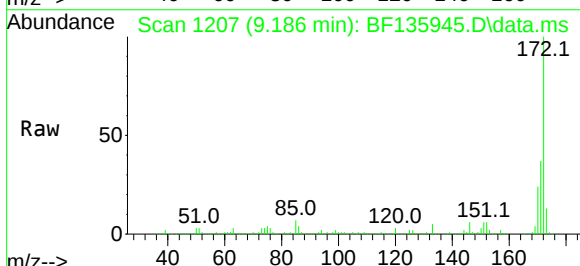
Tgt Ion:172 Resp: 2143206

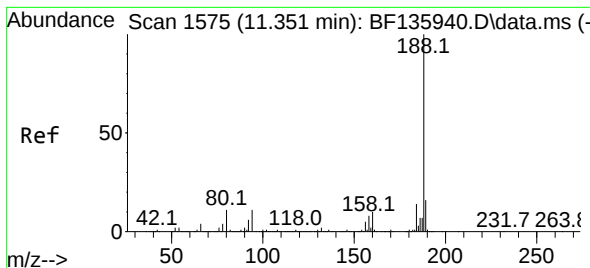
Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

170 24.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135945.D

Acq: 25 Oct 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB156430BL

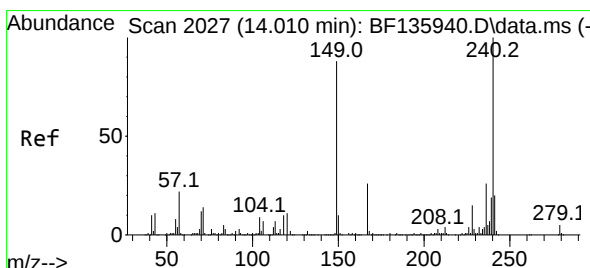
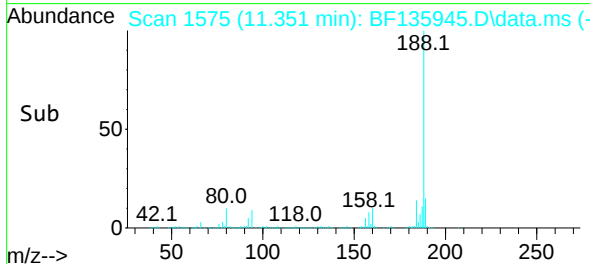
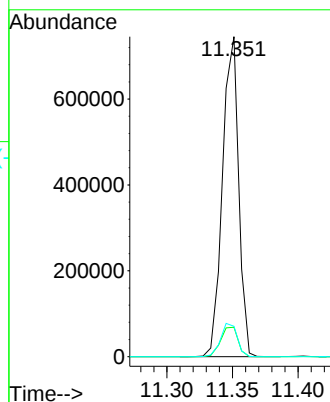
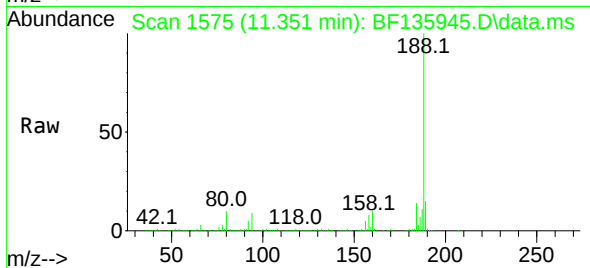
Tgt Ion:188 Resp: 637011

Ion Ratio Lower Upper

188 100

94 9.2 8.6 13.0

80 9.5 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF135945.D

Acq: 25 Oct 2023 17:20

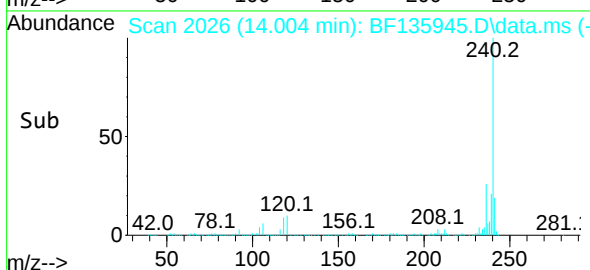
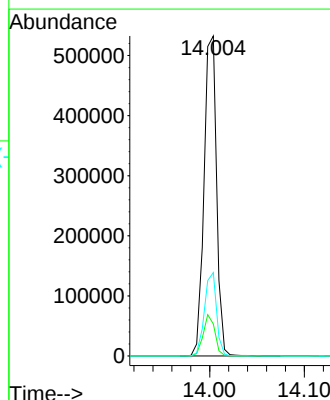
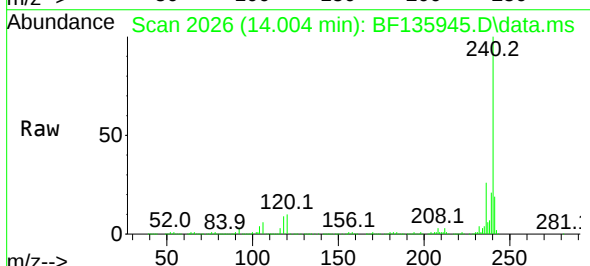
Tgt Ion:240 Resp: 491812

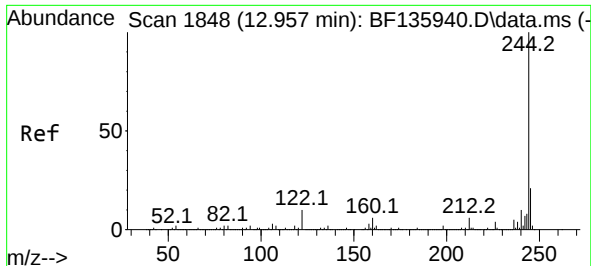
Ion Ratio Lower Upper

240 100

120 10.0 8.6 13.0

236 26.1 20.6 30.8

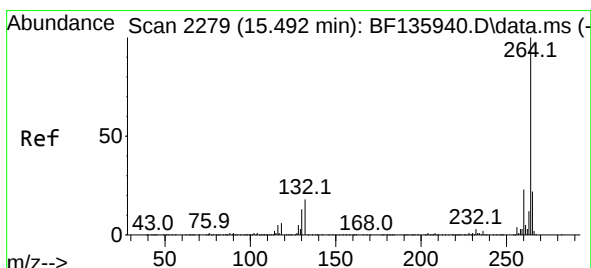
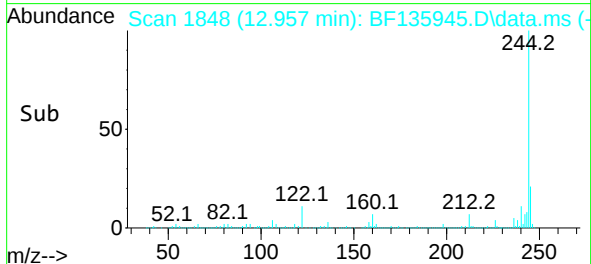
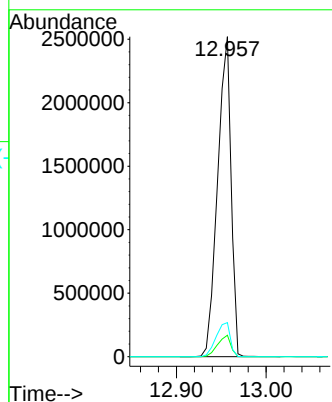
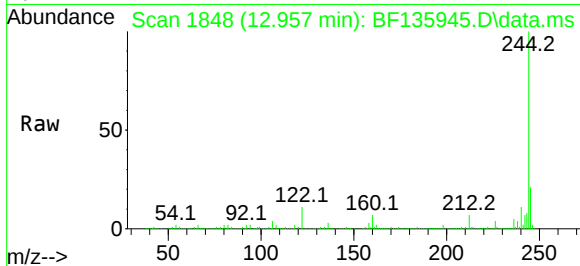




#79
 Terphenyl-d14
 Concen: 89.085 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135945.D
 Acq: 25 Oct 2023 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB156430BL

Tgt Ion:244 Resp: 2622332
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.6
 122 10.6 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: BF135945.D
 Acq: 25 Oct 2023 17:20

Tgt Ion:264 Resp: 407432
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 22.1 17.3 25.9

