

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137323.D
 Acq On : 07 Feb 2024 16:38
 Operator : CG\JU
 Sample : P1141-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2-0-2

Quant Time: Feb 07 17:03:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	51788	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	194962	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	101679	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	160612	20.000	ng	0.00
76) Chrysene-d12	13.969	240	133452	20.000	ng	0.00
86) Perylene-d12	15.445	264	118447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	556115	177.191	ng	0.02
7) Phenol-d6	6.428	99	678540	151.495	ng	0.00
23) Nitrobenzene-d5	7.351	82	507634	116.575	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	189642	165.148	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	865644	117.032	ng	0.00
79) Terphenyl-d14	12.916	244	892209	90.887	ng	0.00

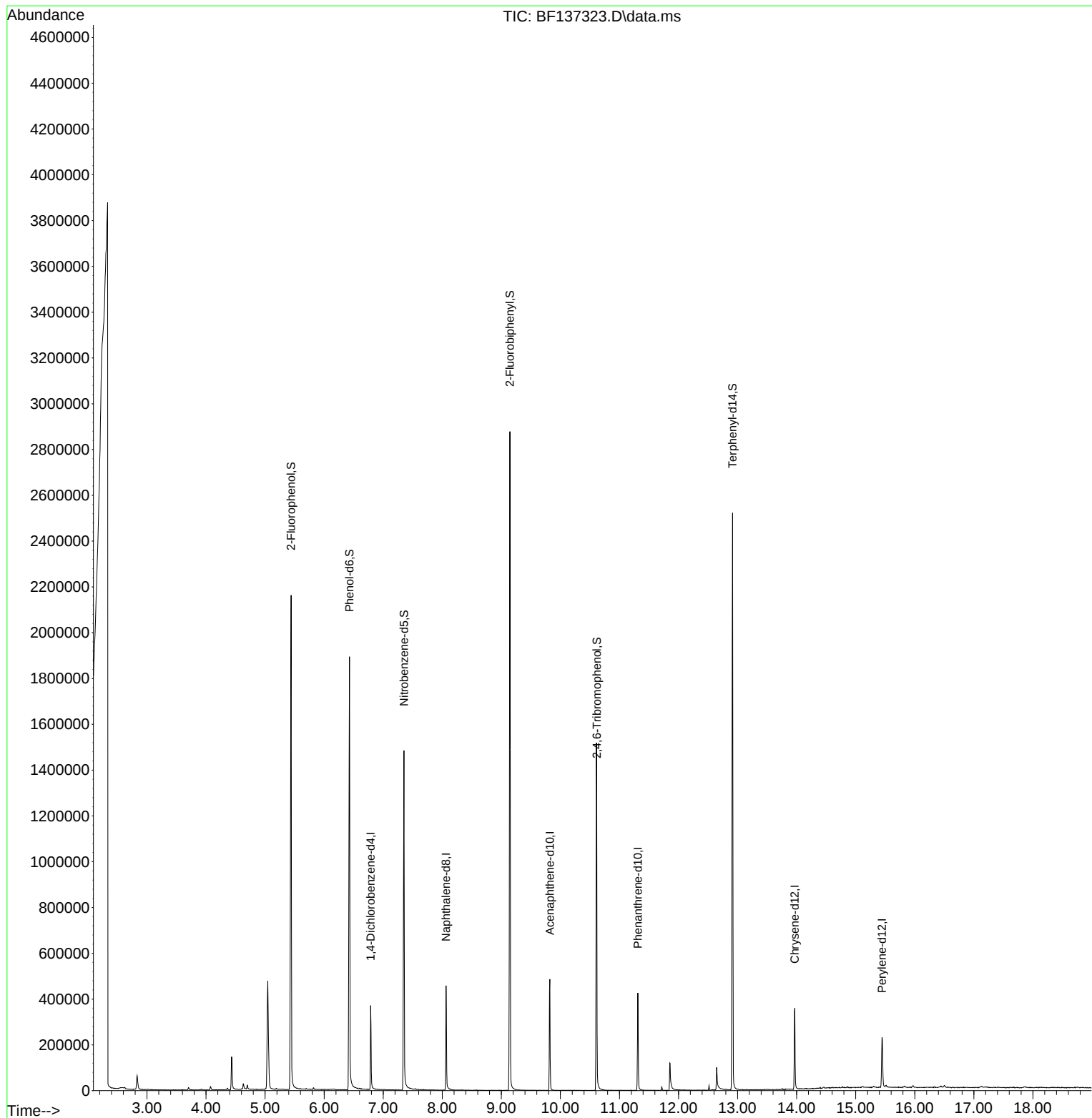
Target Compounds	Qvalue

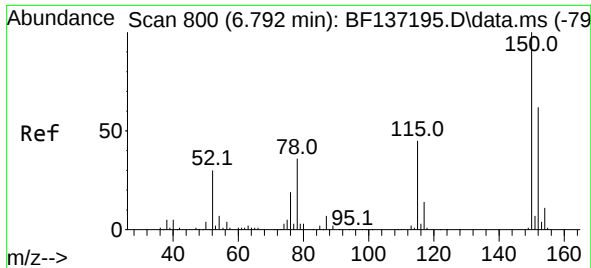
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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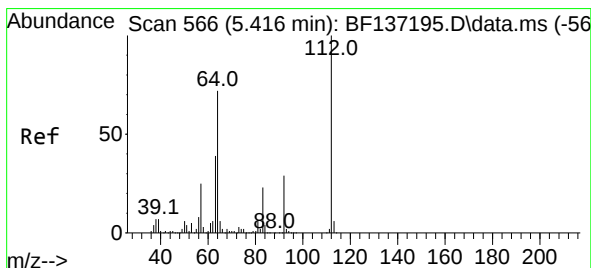
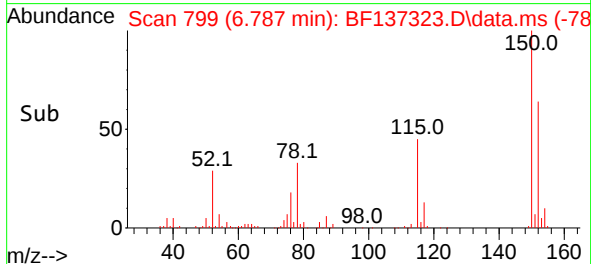
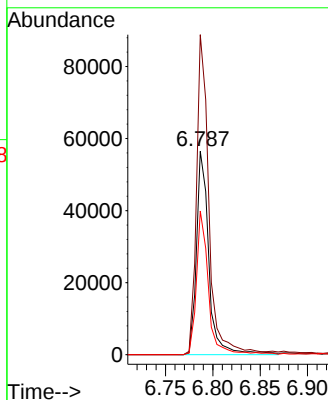
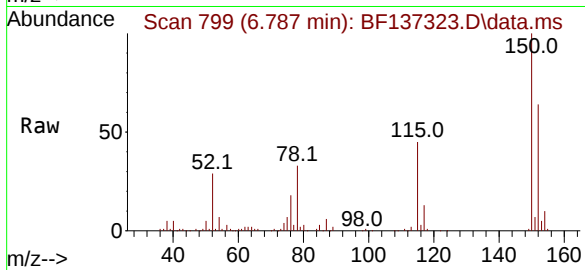




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

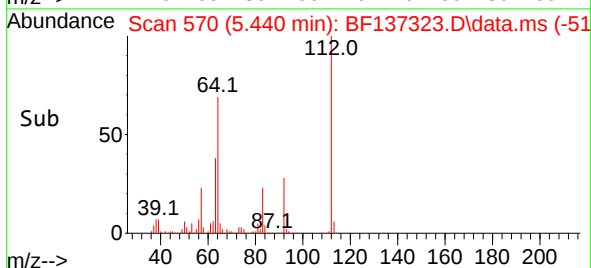
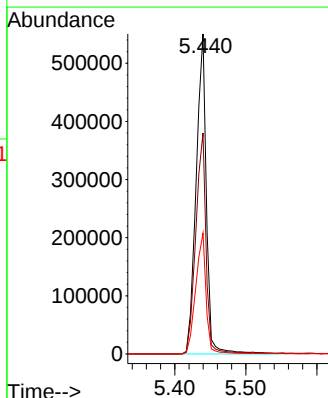
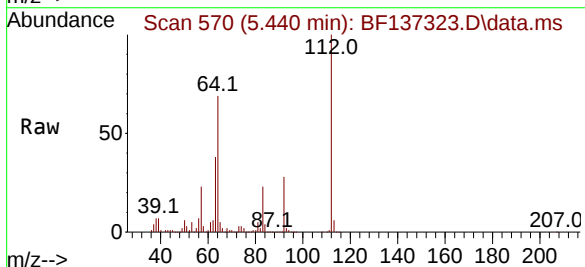
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2

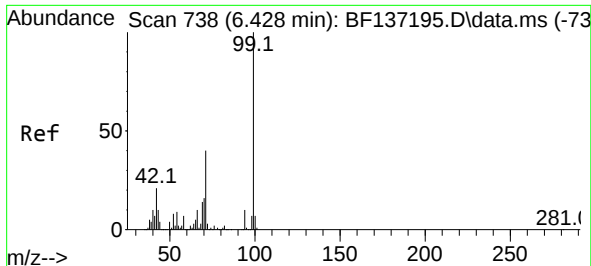
Tgt Ion:152 Resp: 51788
Ion Ratio Lower Upper
152 100
150 157.3 129.8 194.8
115 70.6 58.5 87.7



#5
2-Fluorophenol
Concen: 177.191 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion:112 Resp: 556115
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.6
63 37.7 31.4 47.0





#7
Phenol-d6
Concen: 151.495 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

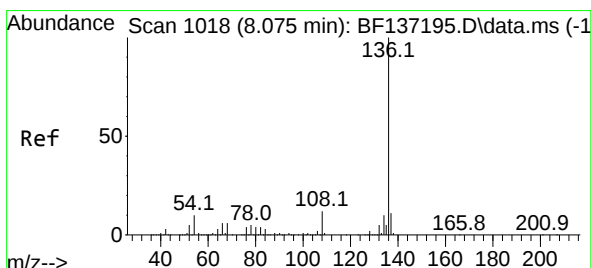
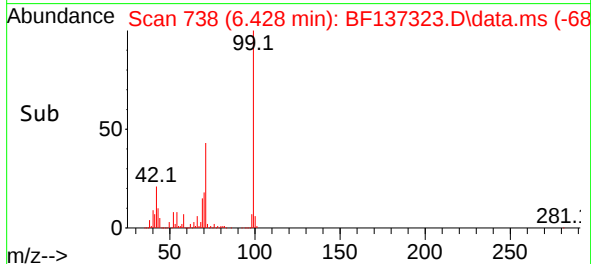
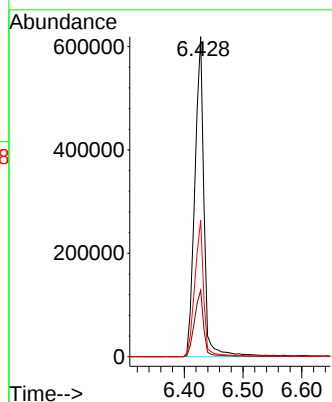
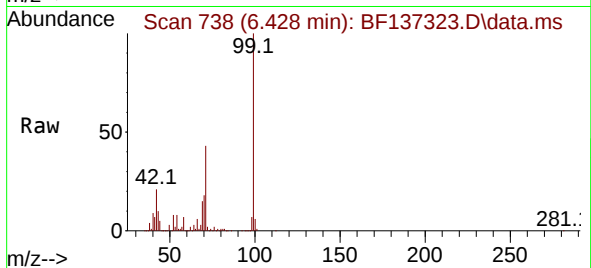
Instrument :

BNA_F

ClientSampleId :

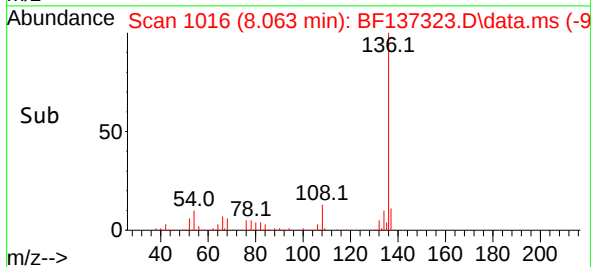
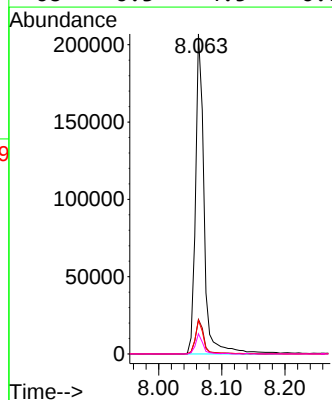
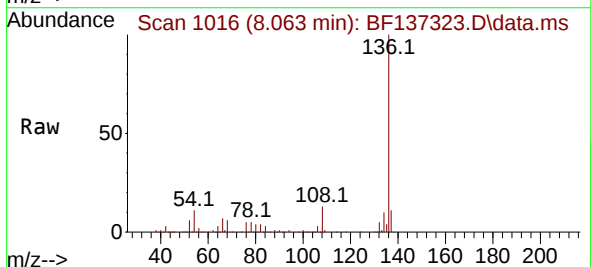
EB-2-0-2

Tgt Ion: 99 Resp: 678540
Ion Ratio Lower Upper
99 100
42 20.8 16.4 24.6
71 42.6 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion: 136 Resp: 194962
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.5 7.8 11.8
68 6.3 4.5 6.7

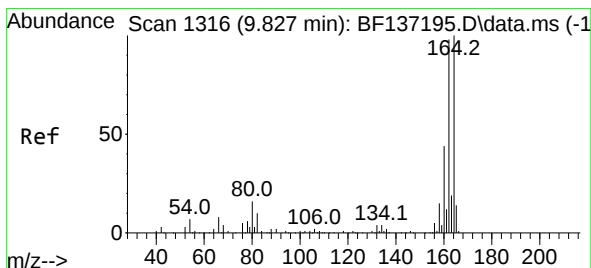
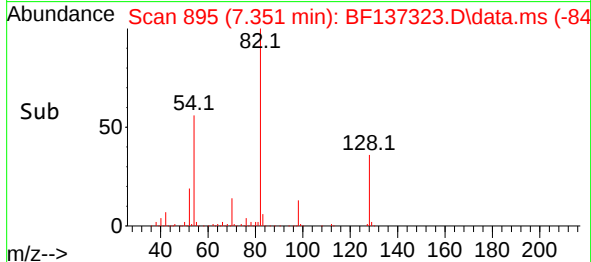
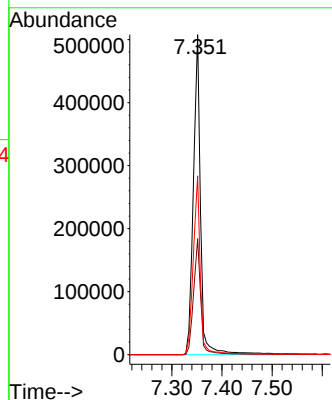
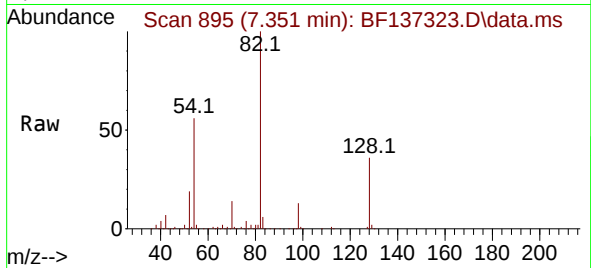




#23
Nitrobenzene-d5
Concen: 116.575 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

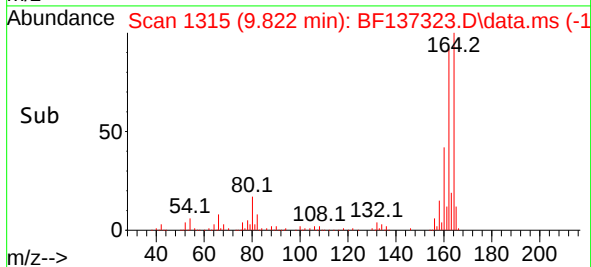
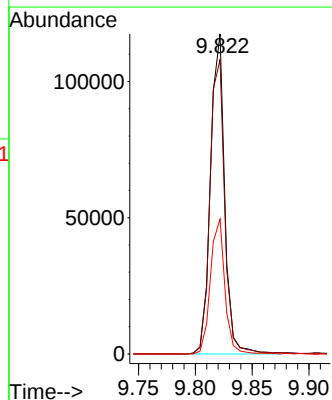
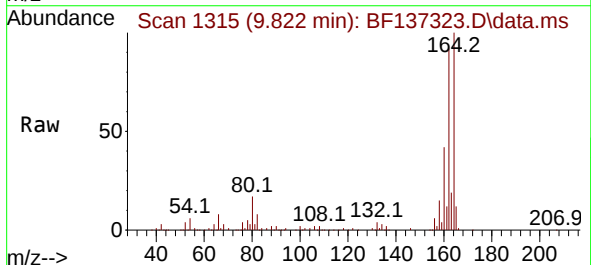
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2

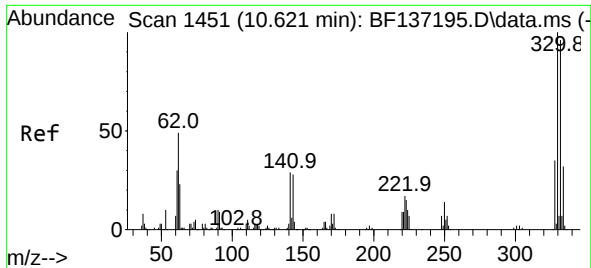
Tgt Ion: 82 Resp: 507634
Ion Ratio Lower Upper
82 100
128 36.3 29.1 43.7
54 55.9 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion: 164 Resp: 101679
Ion Ratio Lower Upper
164 100
162 91.9 78.3 117.5
160 42.2 35.4 53.2

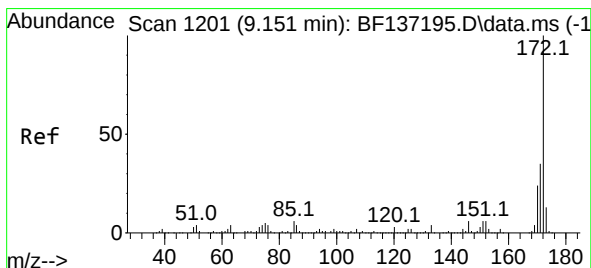
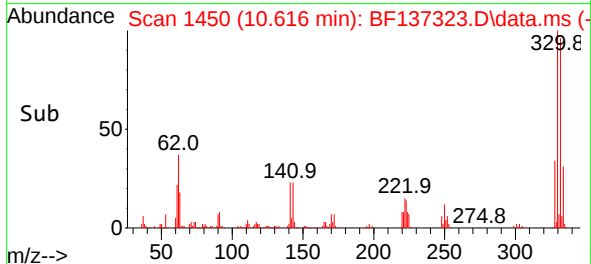
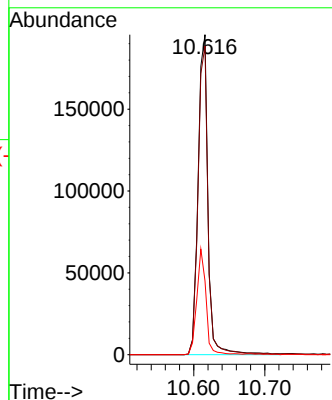
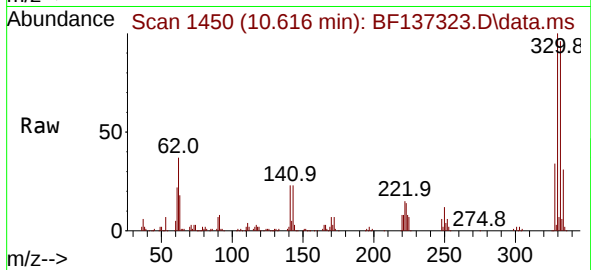




#42
2,4,6-Tribromophenol
Concen: 165.148 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

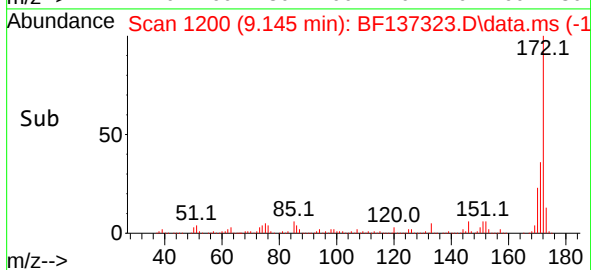
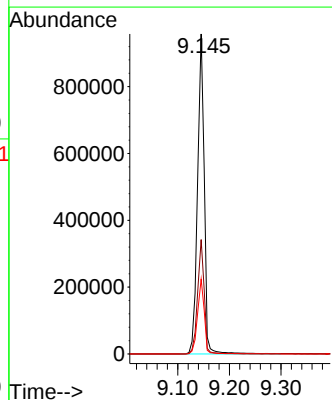
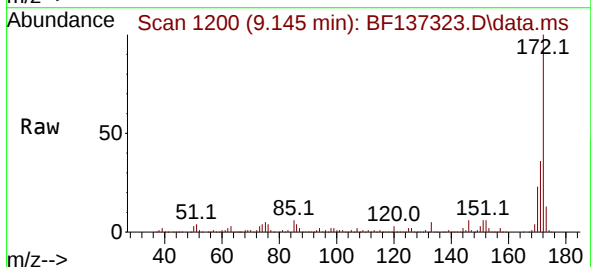
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2

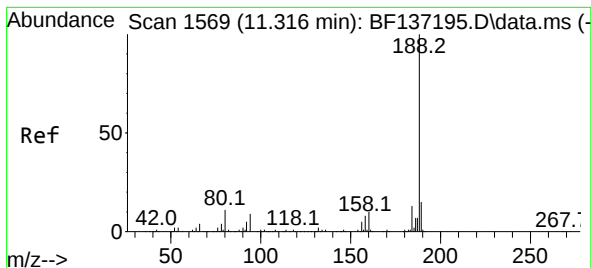
Tgt Ion:330 Resp: 189642
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 30.7 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 117.032 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion:172 Resp: 865644
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137323.D

Acq: 07 Feb 2024 16:38

Instrument :

BNA_F

ClientSampleId :

EB-2-0-2

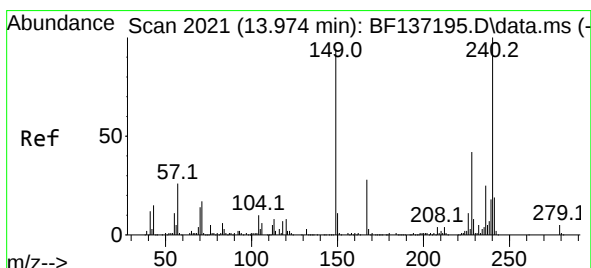
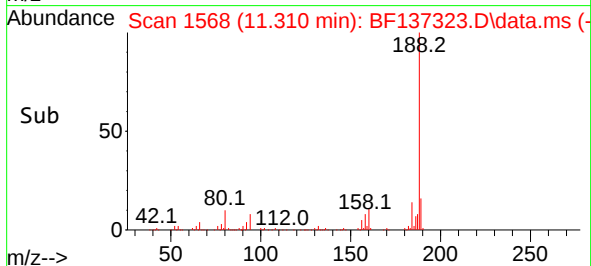
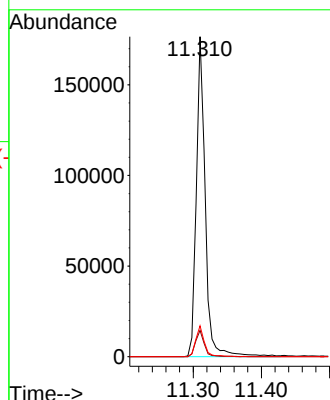
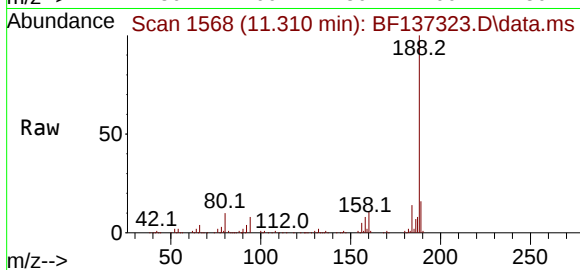
Tgt Ion:188 Resp: 160612

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 9.7 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137323.D

Acq: 07 Feb 2024 16:38

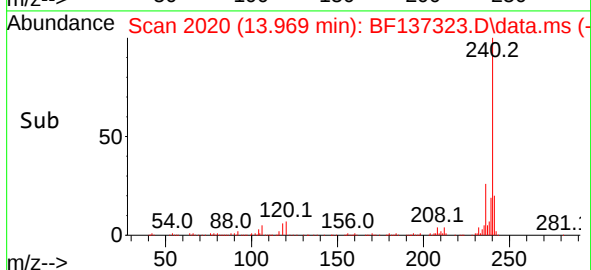
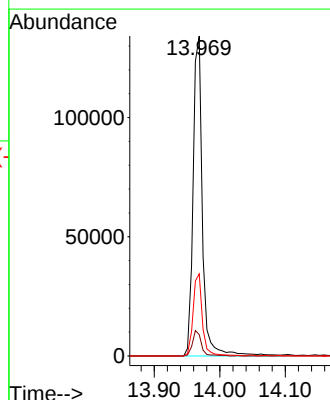
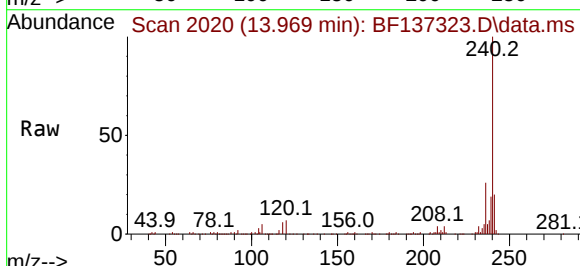
Tgt Ion:240 Resp: 133452

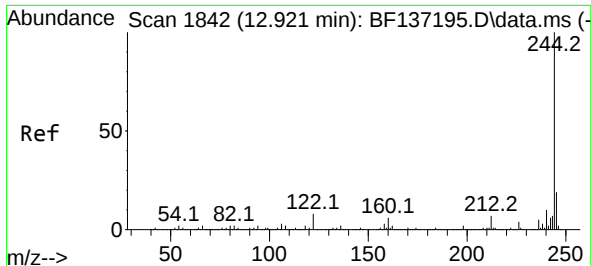
Ion Ratio Lower Upper

240 100

120 6.7 6.3 9.5

236 25.7 20.3 30.5

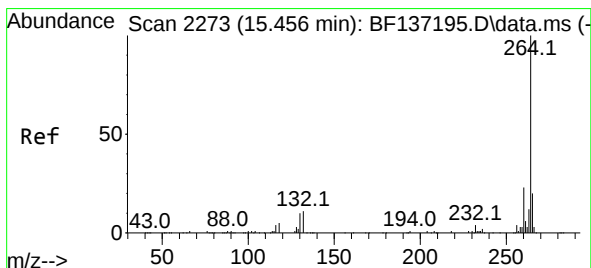
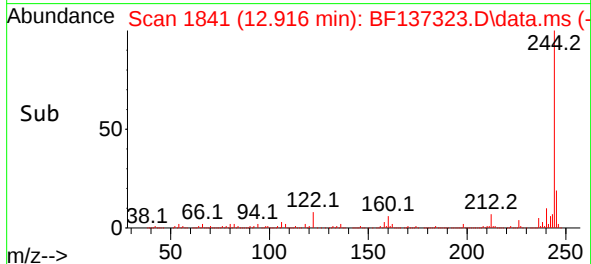
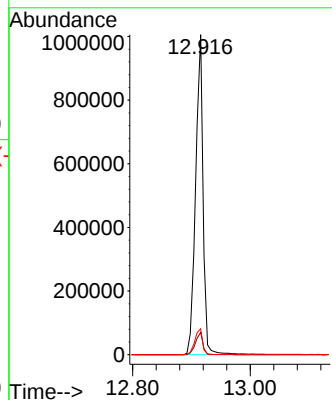
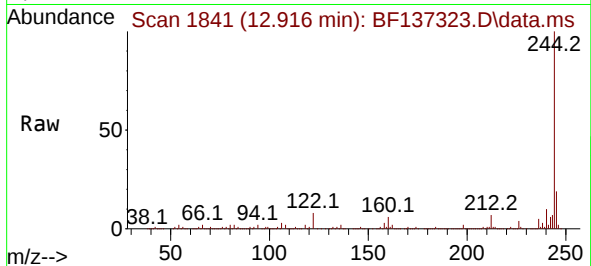




#79
 Terphenyl-d14
 Concen: 90.887 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137323.D
 Acq: 07 Feb 2024 16:38

Instrument :
 BNA_F
 ClientSampleId :
 EB-2-0-2

Tgt Ion:244 Resp: 892209
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 8.1 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137323.D
 Acq: 07 Feb 2024 16:38

Tgt Ion:264 Resp: 118447
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.4
 265 22.5 16.2 24.2

