

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137232.D
 Acq On : 01 Feb 2024 15:22
 Operator : CG\JU
 Sample : P1294-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMW-001

Quant Time: Feb 01 15:40:19 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	6.792	152	58384	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	218690	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	121153	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	198001	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	144223	20.000	ng	0.00
86) Perylene-d12	15.445	264	134185	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	209696	59.265	ng	0.00
7) Phenol-d6	6.416	99	158747	31.439	ng	-0.01
23) Nitrobenzene-d5	7.351	82	453526	92.849	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	170858	124.874	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	799226	90.685	ng	0.00
79) Terphenyl-d14	12.916	244	591976	55.800	ng	0.00

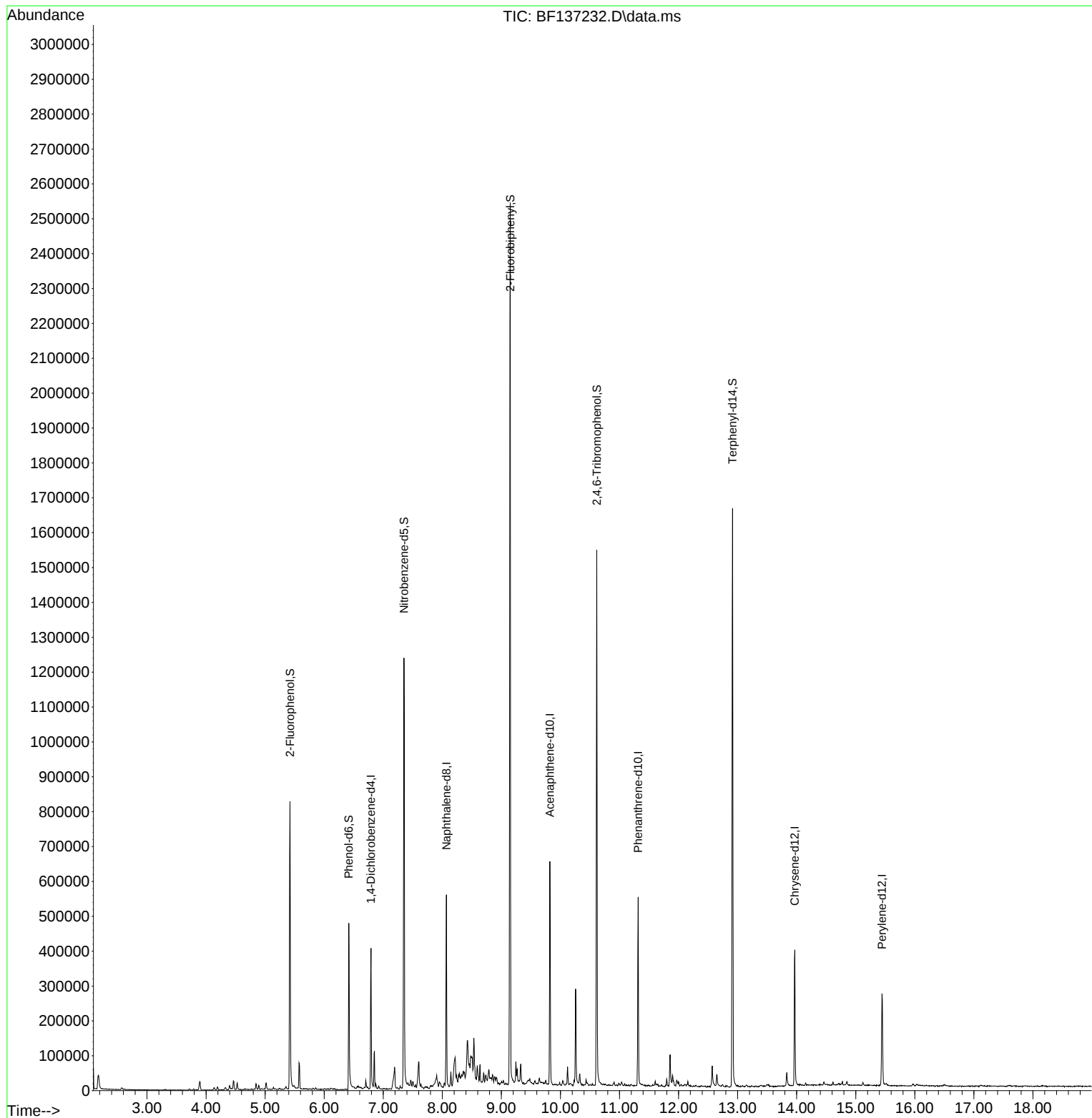
Target Compounds	Qvalue

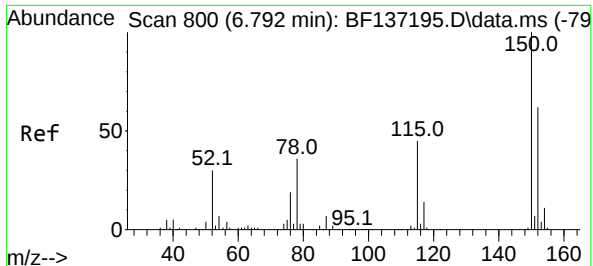
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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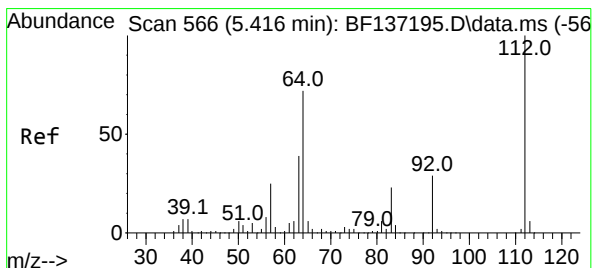
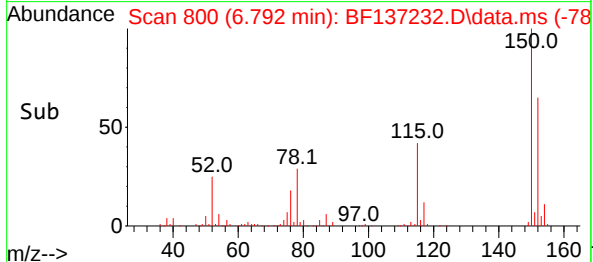
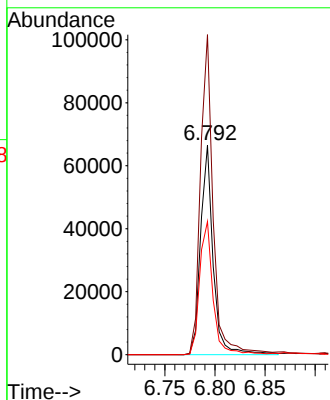
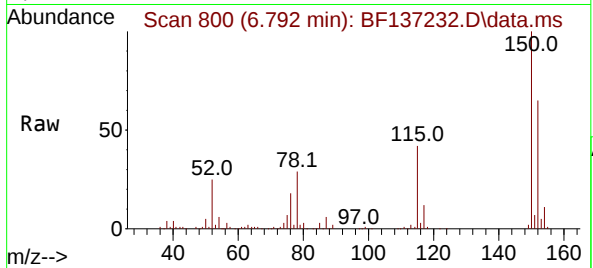




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

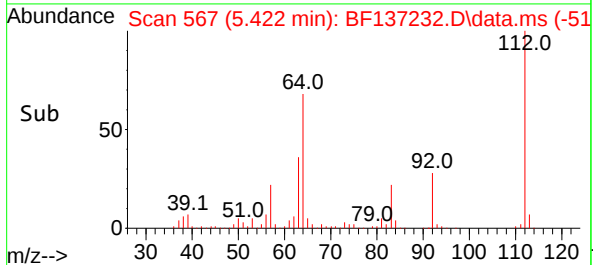
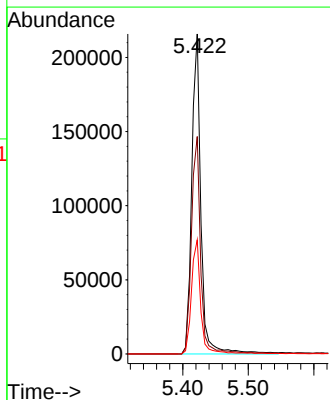
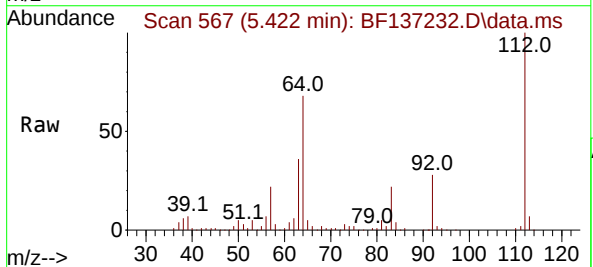
Instrument :
BNA_F
ClientSampleId :
MMW-001

Tgt Ion:152 Resp: 58384
Ion Ratio Lower Upper
152 100
150 152.8 129.8 194.8
115 63.5 58.5 87.7



#5
2-Fluorophenol
Concen: 59.265 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:112 Resp: 209696
Ion Ratio Lower Upper
112 100
64 68.0 57.8 86.6
63 35.6 31.4 47.0

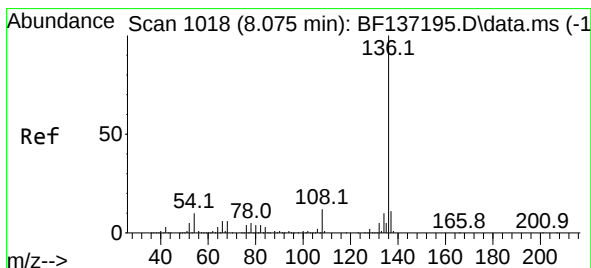
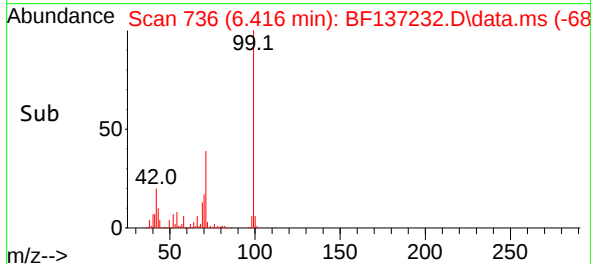
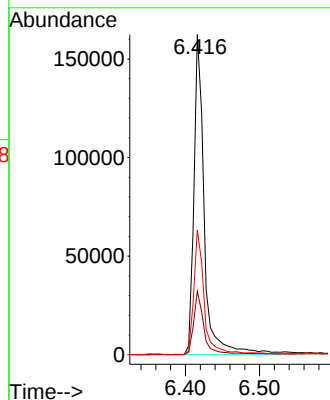
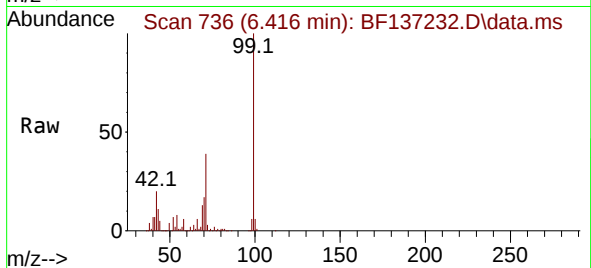




#7
Phenol-d6
Concen: 31.439 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

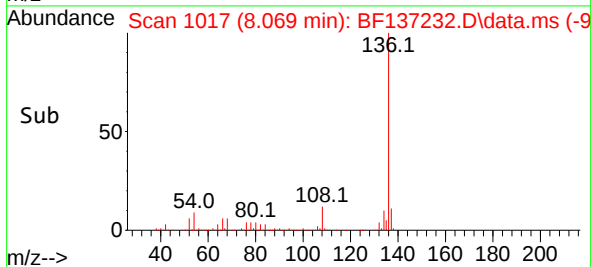
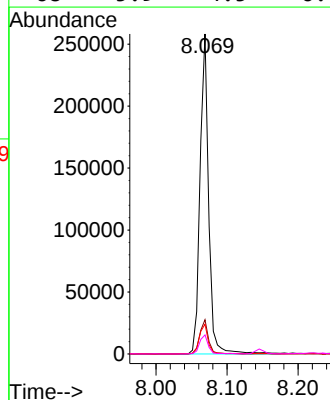
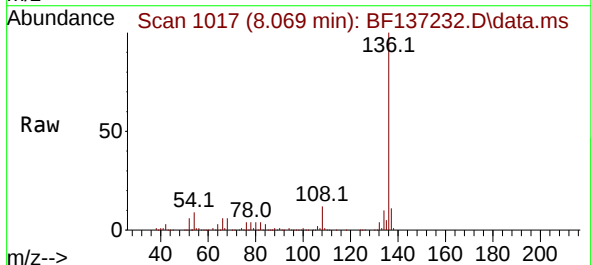
Instrument :
BNA_F
ClientSampleId :
MMW-001

Tgt Ion: 99 Resp: 158747
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 39.0 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion: 136 Resp: 218690
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.3 7.8 11.8
68 5.9 4.5 6.7

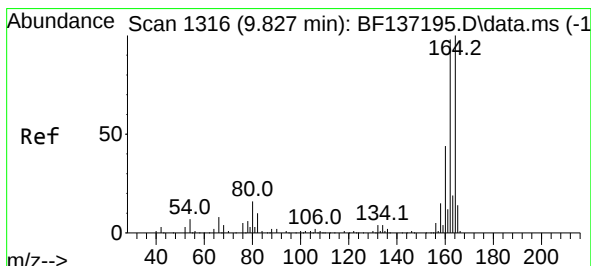
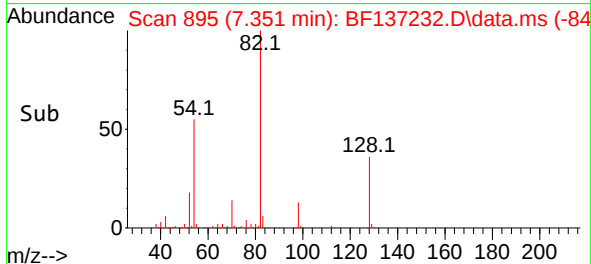
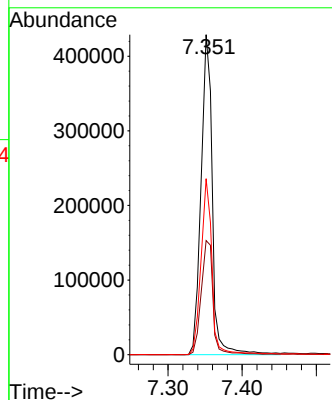
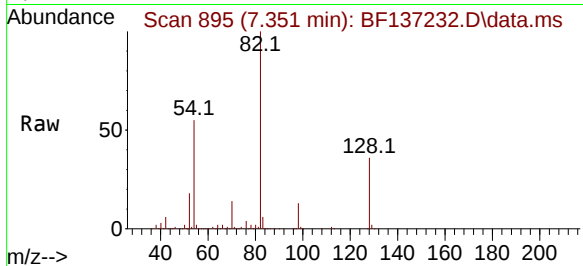




#23
Nitrobenzene-d5
Concen: 92.849 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

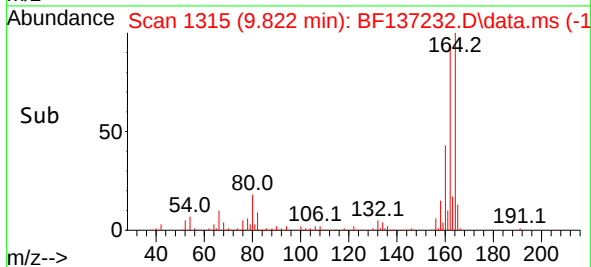
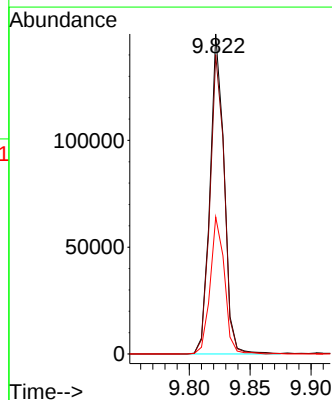
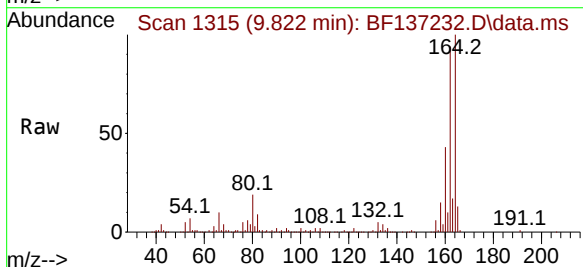
Instrument :
BNA_F
ClientSampleId :
MMW-001

Tgt Ion: 82 Resp: 453526
Ion Ratio Lower Upper
82 100
128 35.7 29.1 43.7
54 55.0 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: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:164 Resp: 121153
Ion Ratio Lower Upper
164 100
162 93.5 78.3 117.5
160 42.8 35.4 53.2

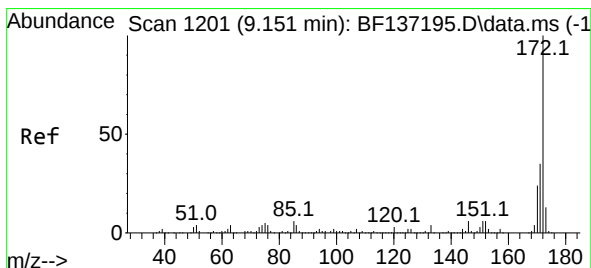
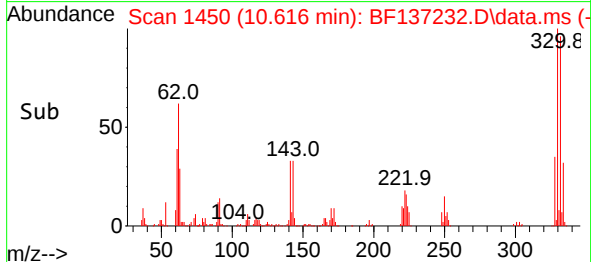
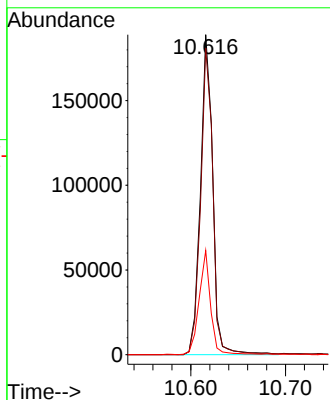
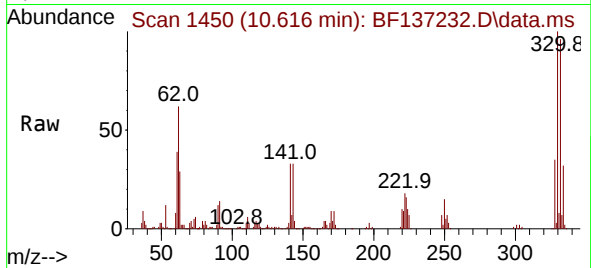




#42
2,4,6-Tribromophenol
Concen: 124.874 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

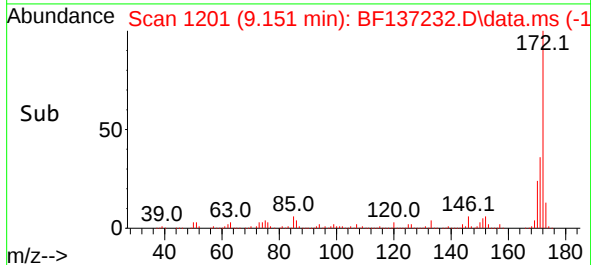
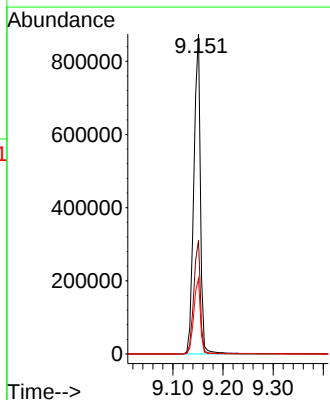
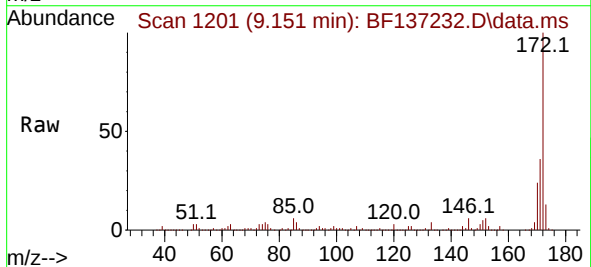
Instrument :
BNA_F
ClientSampleId :
MMW-001

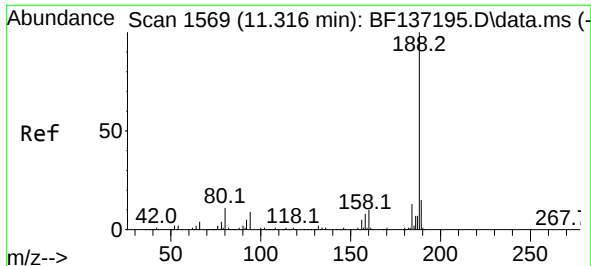
Tgt Ion:330 Resp: 170858
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 30.5 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 90.685 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:172 Resp: 799226
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 19.1 28.7

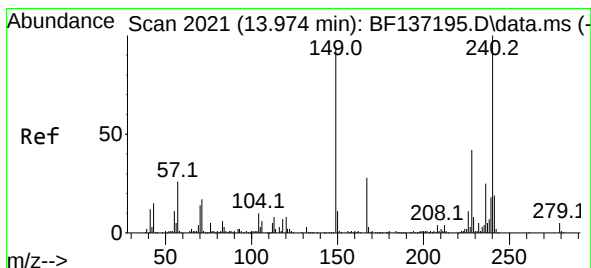
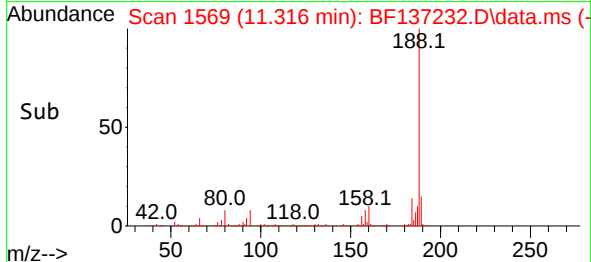
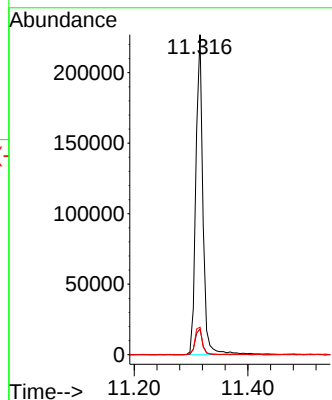
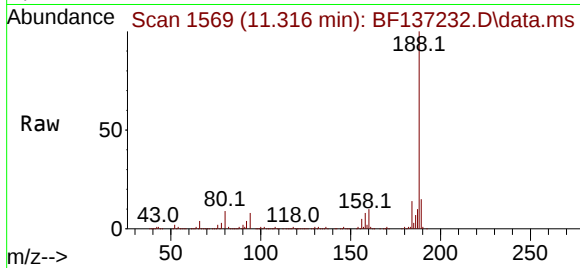




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

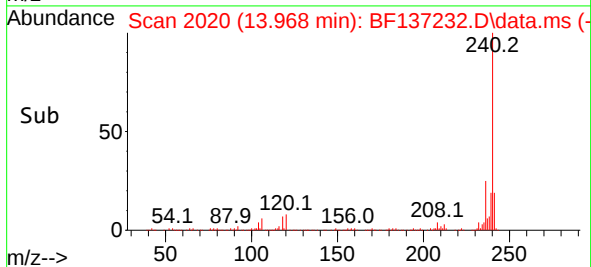
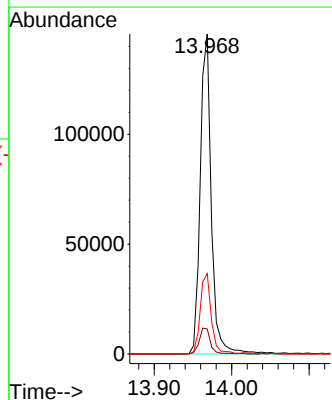
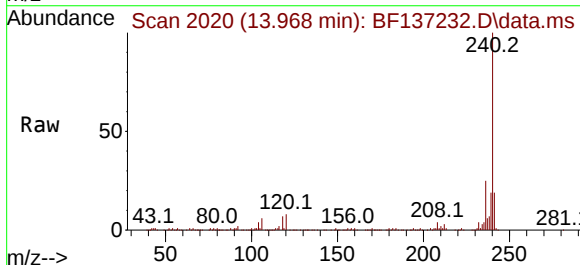
Instrument :
BNA_F
ClientSampleId :
MMW-001

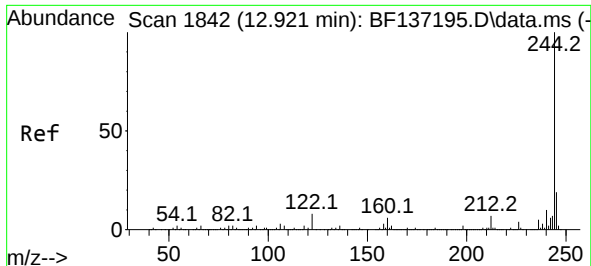
Tgt Ion:188 Resp: 198001
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.6 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:240 Resp: 144223
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 25.1 20.3 30.5

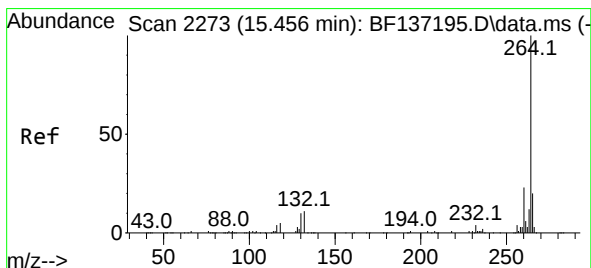
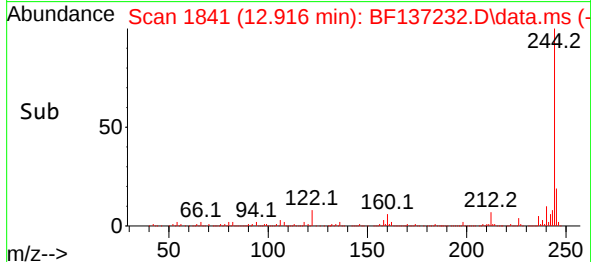
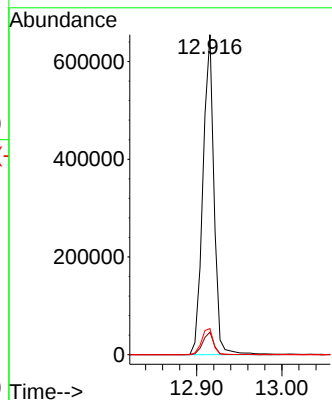
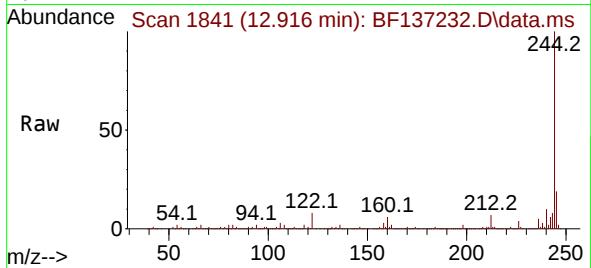




#79
 Terphenyl-d14
 Concen: 55.800 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137232.D
 Acq: 01 Feb 2024 15:22

Instrument :
 BNA_F
 ClientSampleId :
 MMW-001

Tgt Ion:244 Resp: 591976
 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: BF137232.D
 Acq: 01 Feb 2024 15:22

Tgt Ion:264 Resp: 134185
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.4
 265 21.1 16.2 24.2

