

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137318.D
 Acq On : 07 Feb 2024 14:14
 Operator : CG\JU
 Sample : P1366-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-1-4-6

Quant Time: Feb 07 14:38:08 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	53142	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	209103	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	125198	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	238040	20.000	ng	0.00
76) Chrysene-d12	13.969	240	137783	20.000	ng	0.00
86) Perylene-d12	15.451	264	149051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	309166	95.997	ng	0.00
7) Phenol-d6	6.416	99	424942	92.458	ng	-0.01
23) Nitrobenzene-d5	7.345	82	280809	60.125	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	131238	92.818	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	518082	56.885	ng	0.00
79) Terphenyl-d14	12.910	244	524985	51.798	ng	-0.01

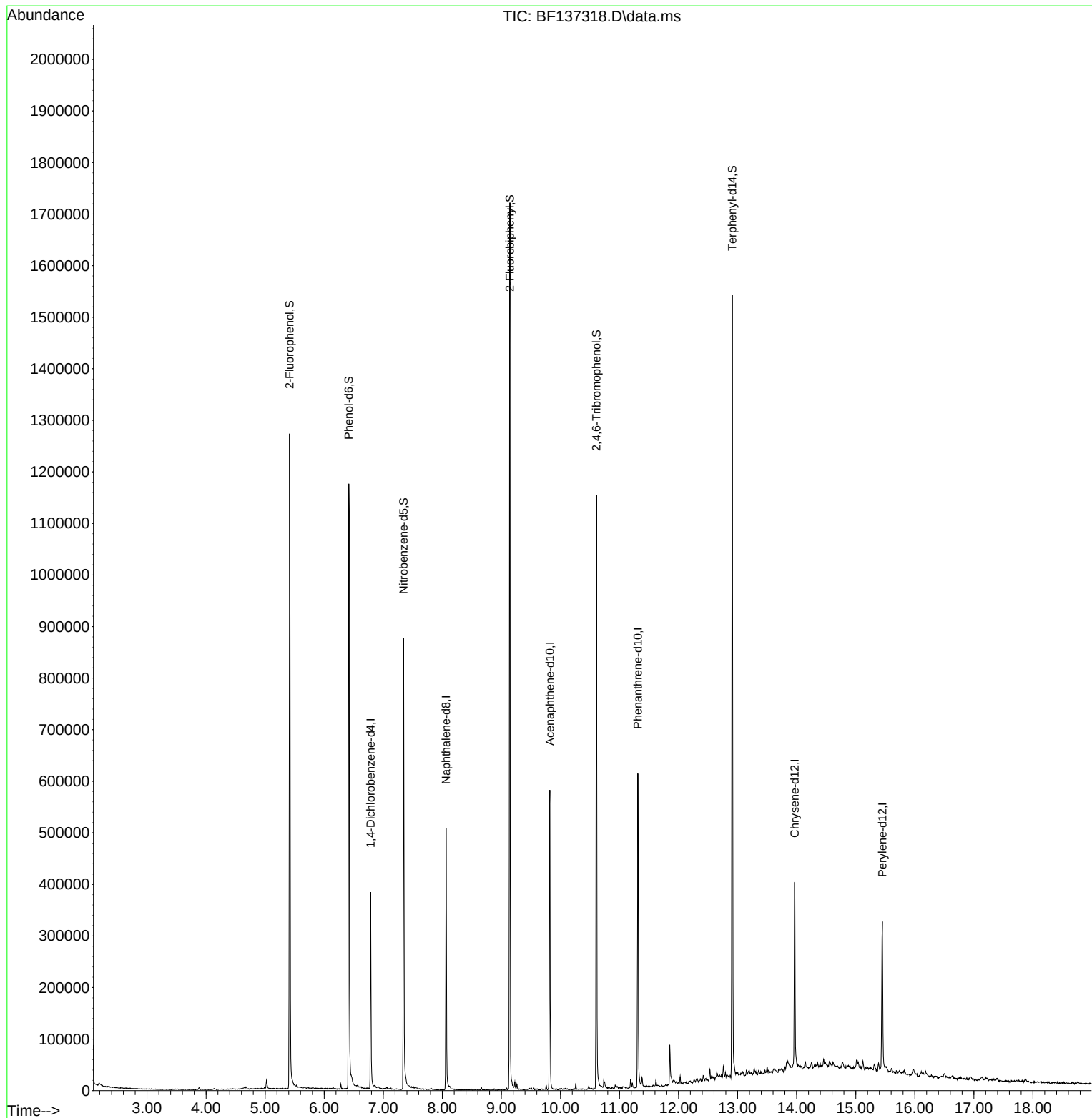
Target Compounds	Qvalue

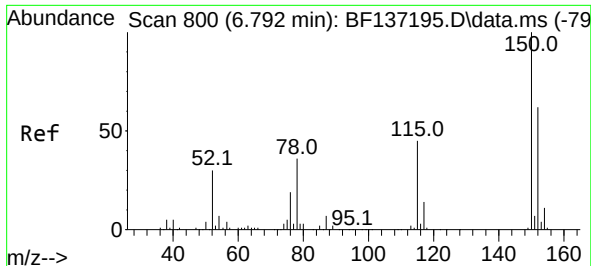
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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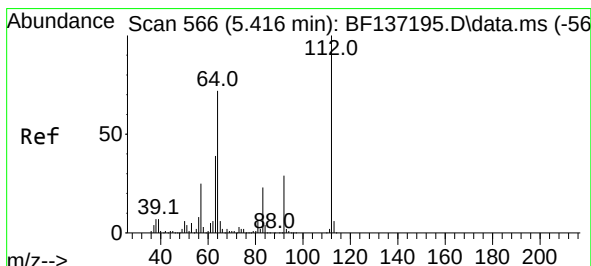
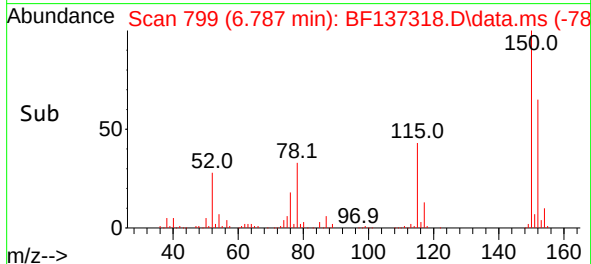
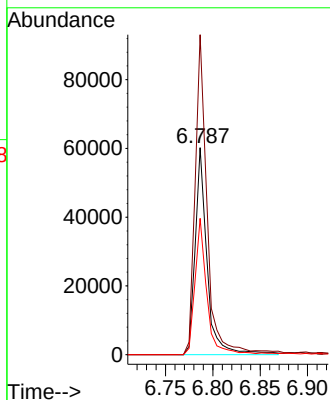
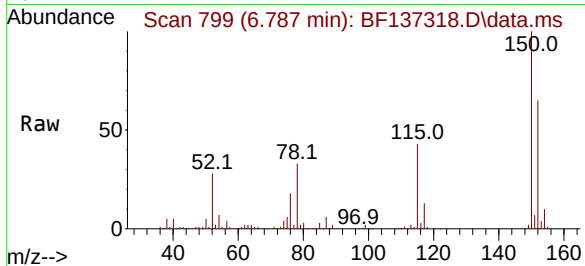




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137318.D
 Acq: 07 Feb 2024 14:14

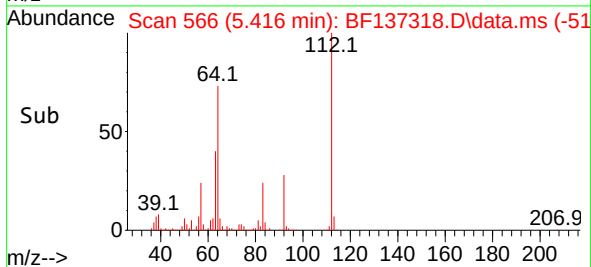
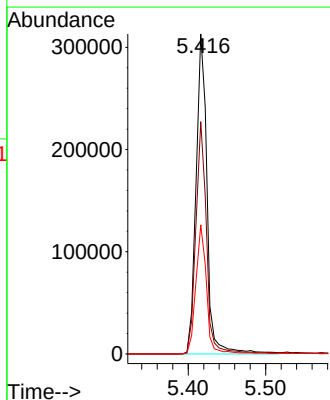
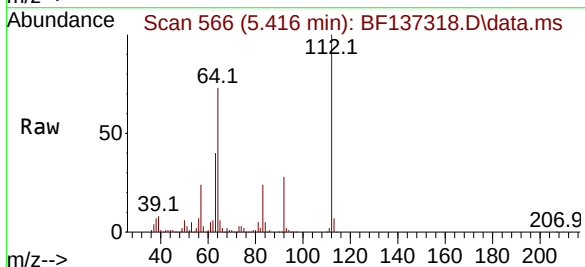
Instrument :
 BNA_F
 ClientSampleId :
 EB-1-4-6

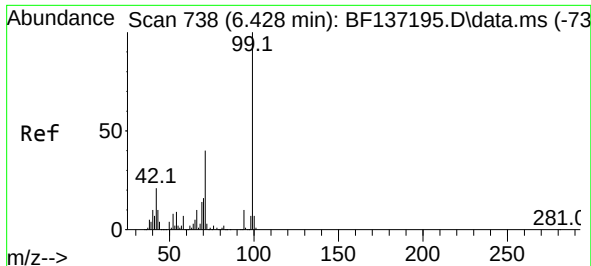
Tgt Ion:152 Resp: 53142
 Ion Ratio Lower Upper
 152 100
 150 154.5 129.8 194.8
 115 65.8 58.5 87.7



#5
 2-Fluorophenol
 Concen: 95.997 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF137318.D
 Acq: 07 Feb 2024 14:14

Tgt Ion:112 Resp: 309166
 Ion Ratio Lower Upper
 112 100
 64 72.6 57.8 86.6
 63 40.4 31.4 47.0





#7
Phenol-d6
Concen: 92.458 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

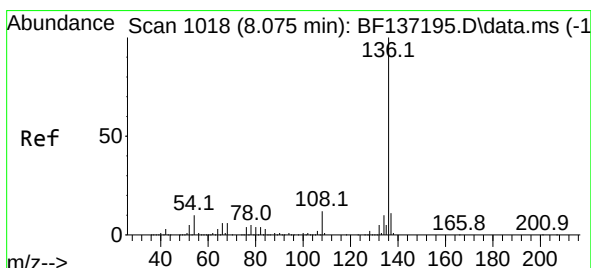
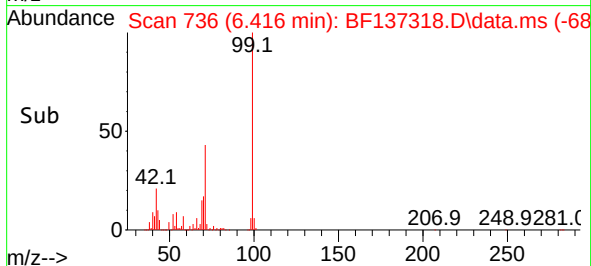
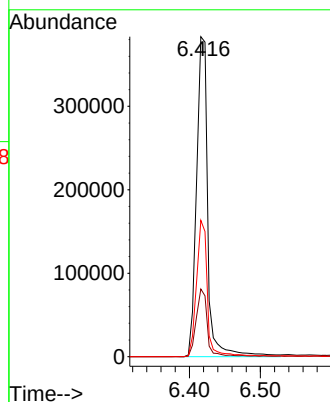
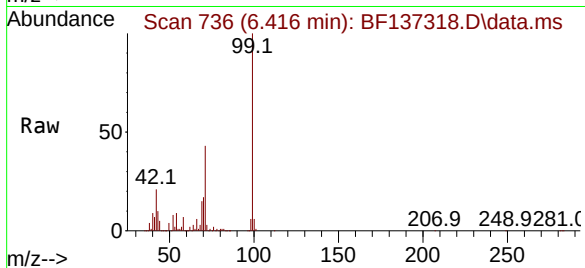
Instrument :

BNA_F

ClientSampleId :

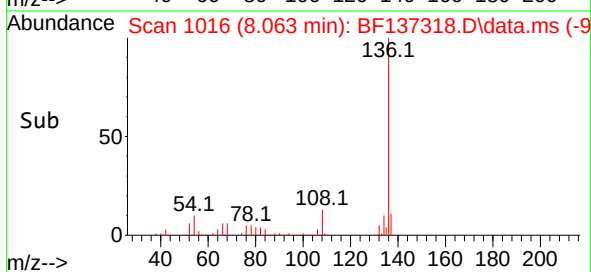
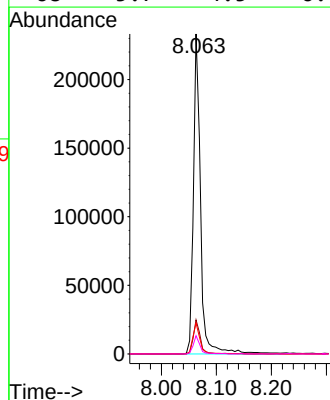
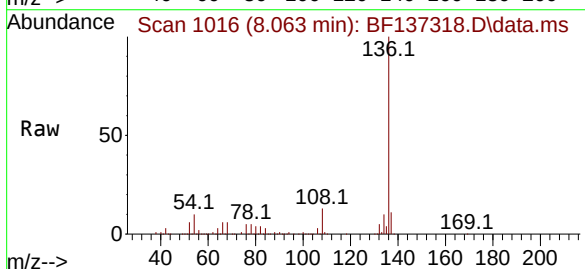
EB-1-4-6

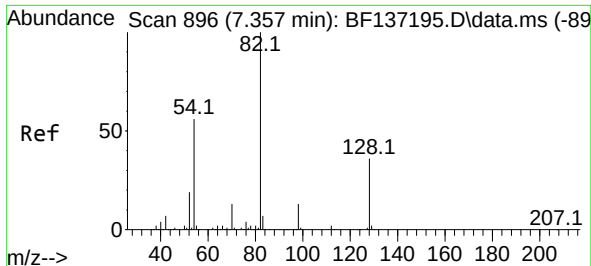
Tgt Ion: 99 Resp: 424942
Ion Ratio Lower Upper
99 100
42 21.2 16.4 24.6
71 42.6 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Tgt Ion:136 Resp: 209103
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.6 7.8 11.8
68 5.7 4.5 6.7

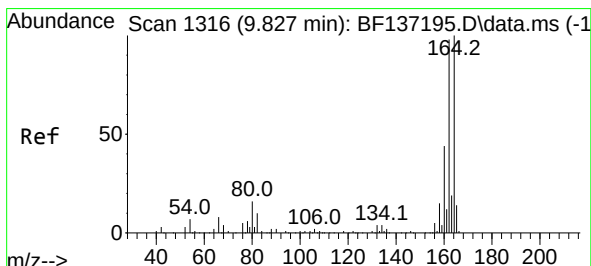
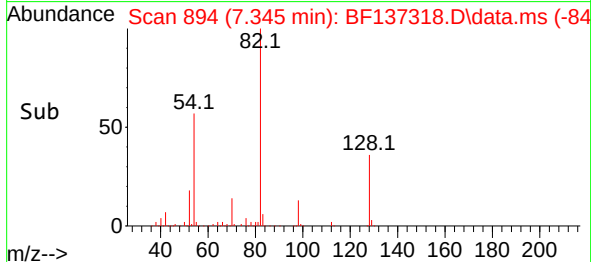
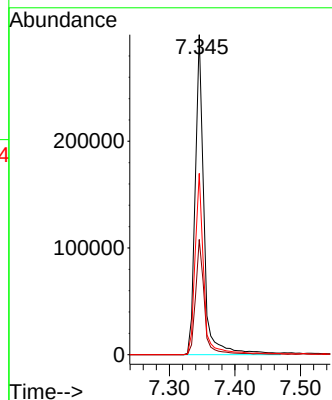
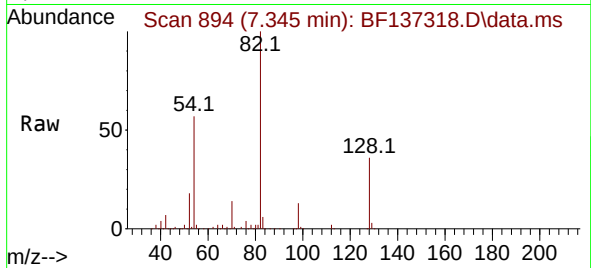




#23
Nitrobenzene-d5
Concen: 60.125 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

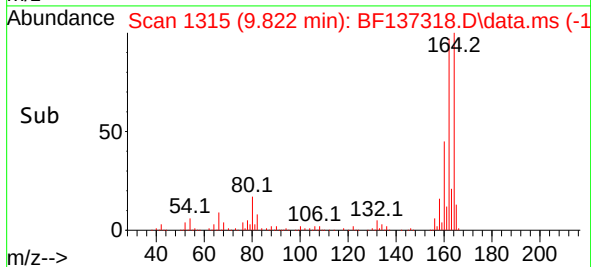
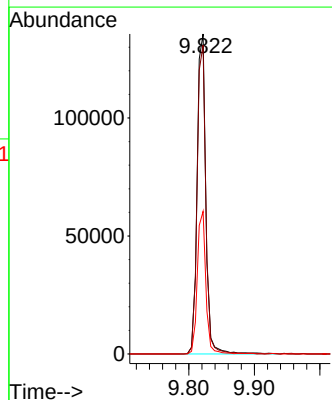
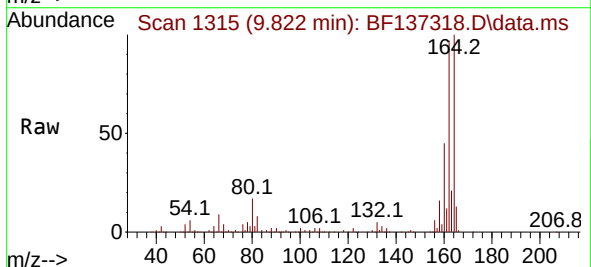
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

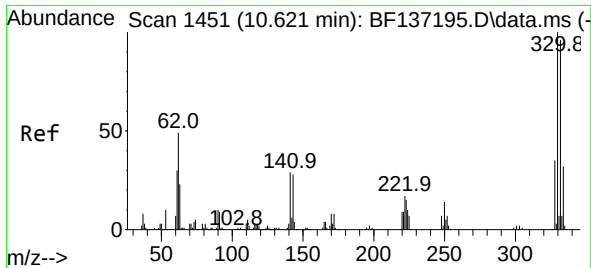
Tgt Ion: 82 Resp: 280809
Ion Ratio Lower Upper
82 100
128 36.0 29.1 43.7
54 56.7 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Tgt Ion:164 Resp: 125198
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 92.818 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF137318.D

Acq: 07 Feb 2024 14:14

Instrument :

BNA_F

ClientSampleId :

EB-1-4-6

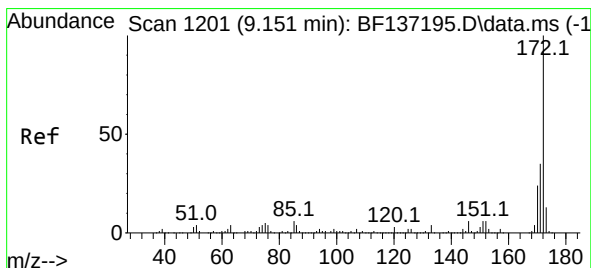
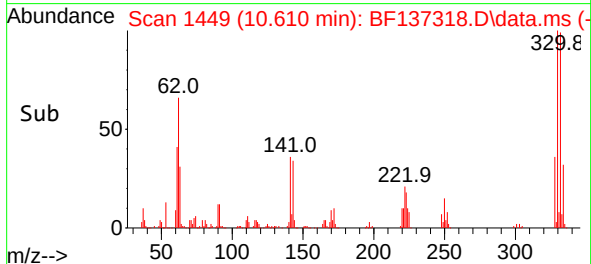
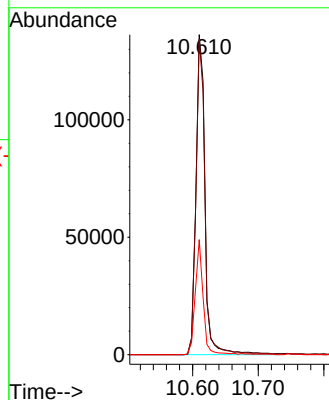
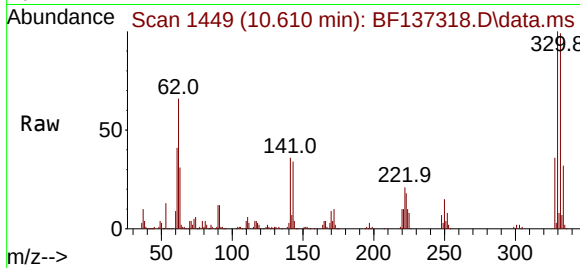
Tgt Ion:330 Resp: 131238

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 32.0 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 56.885 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137318.D

Acq: 07 Feb 2024 14:14

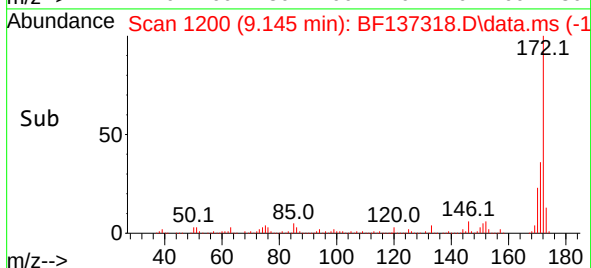
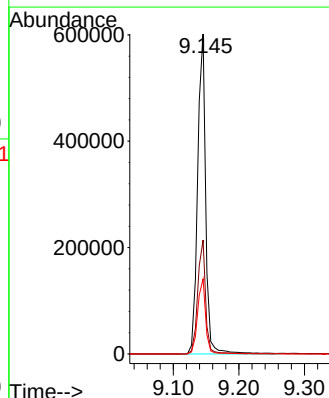
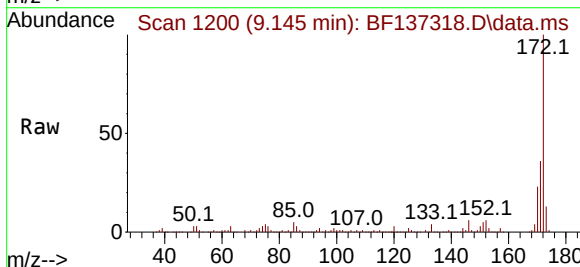
Tgt Ion:172 Resp: 518082

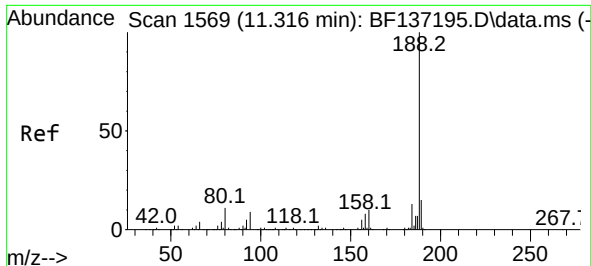
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.4 19.1 28.7

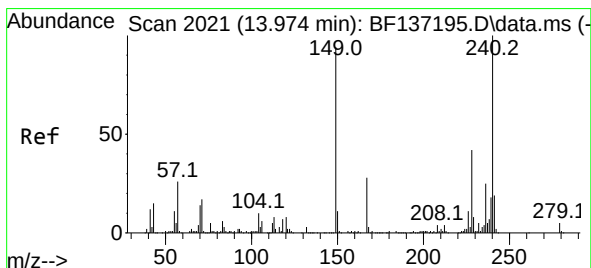
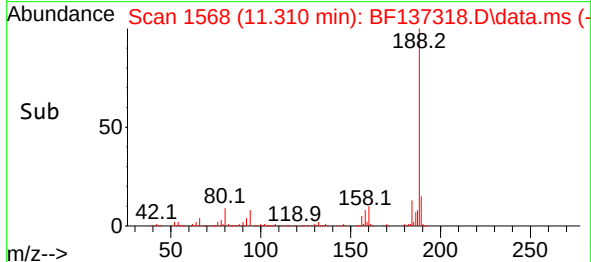
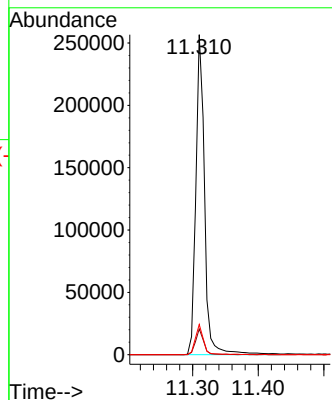
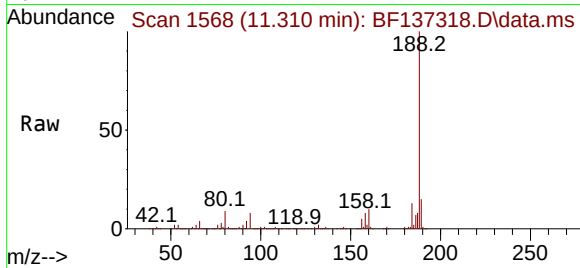




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

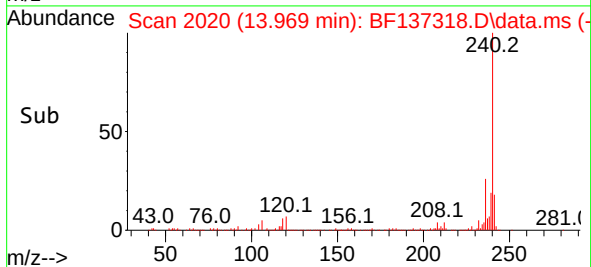
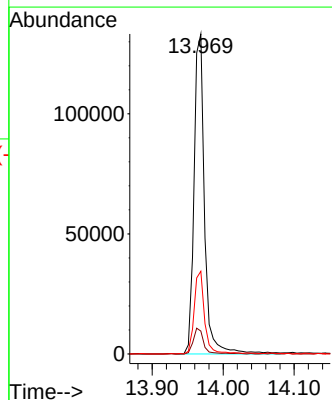
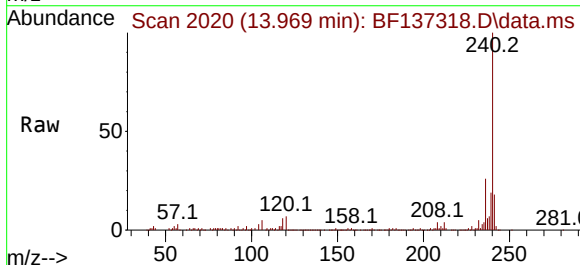
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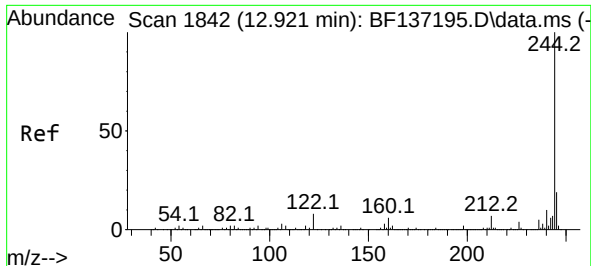
Tgt Ion:188 Resp: 238040
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.5 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Tgt Ion:240 Resp: 137783
Ion Ratio Lower Upper
240 100
120 7.1 6.3 9.5
236 25.8 20.3 30.5

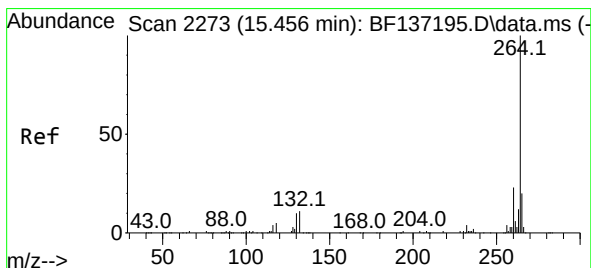
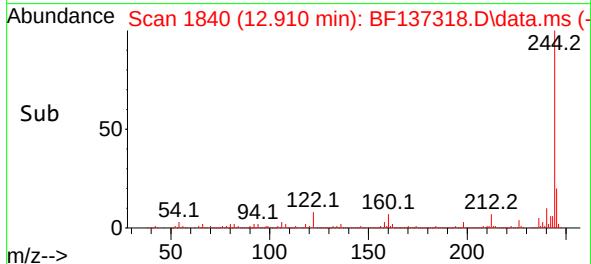
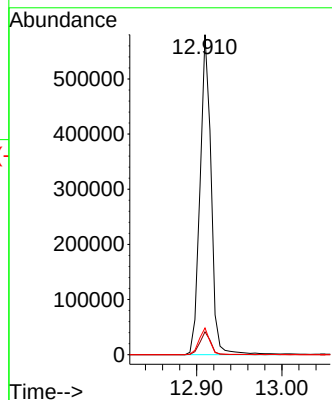
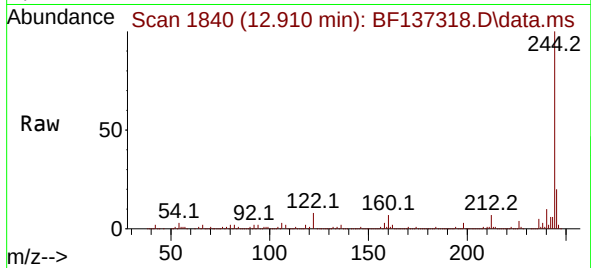




#79
 Terphenyl-d14
 Concen: 51.798 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137318.D
 Acq: 07 Feb 2024 14:14

Instrument :
 BNA_F
 ClientSampleId :
 EB-1-4-6

Tgt Ion:244 Resp: 524985
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 8.4 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137318.D
 Acq: 07 Feb 2024 14:14

Tgt Ion:264 Resp: 149051
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.2 27.4
 265 21.2 16.2 24.2

