

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137336.D
 Acq On : 08 Feb 2024 14:27
 Operator : CG\JU
 Sample : P1371-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T180-AOP

Quant Time: Feb 08 15:17:42 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	33063	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	136213	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	81896	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	149966	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	118985	20.000	ng	-0.01
86) Perylene-d12	15.439	264	105590	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	128017	63.890	ng	-0.01
7) Phenol-d6	6.410	99	94961	33.209	ng	-0.02
23) Nitrobenzene-d5	7.345	82	300078	98.632	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	142453	154.021	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	587651	98.640	ng	-0.01
79) Terphenyl-d14	12.910	244	689147	78.737	ng	-0.01

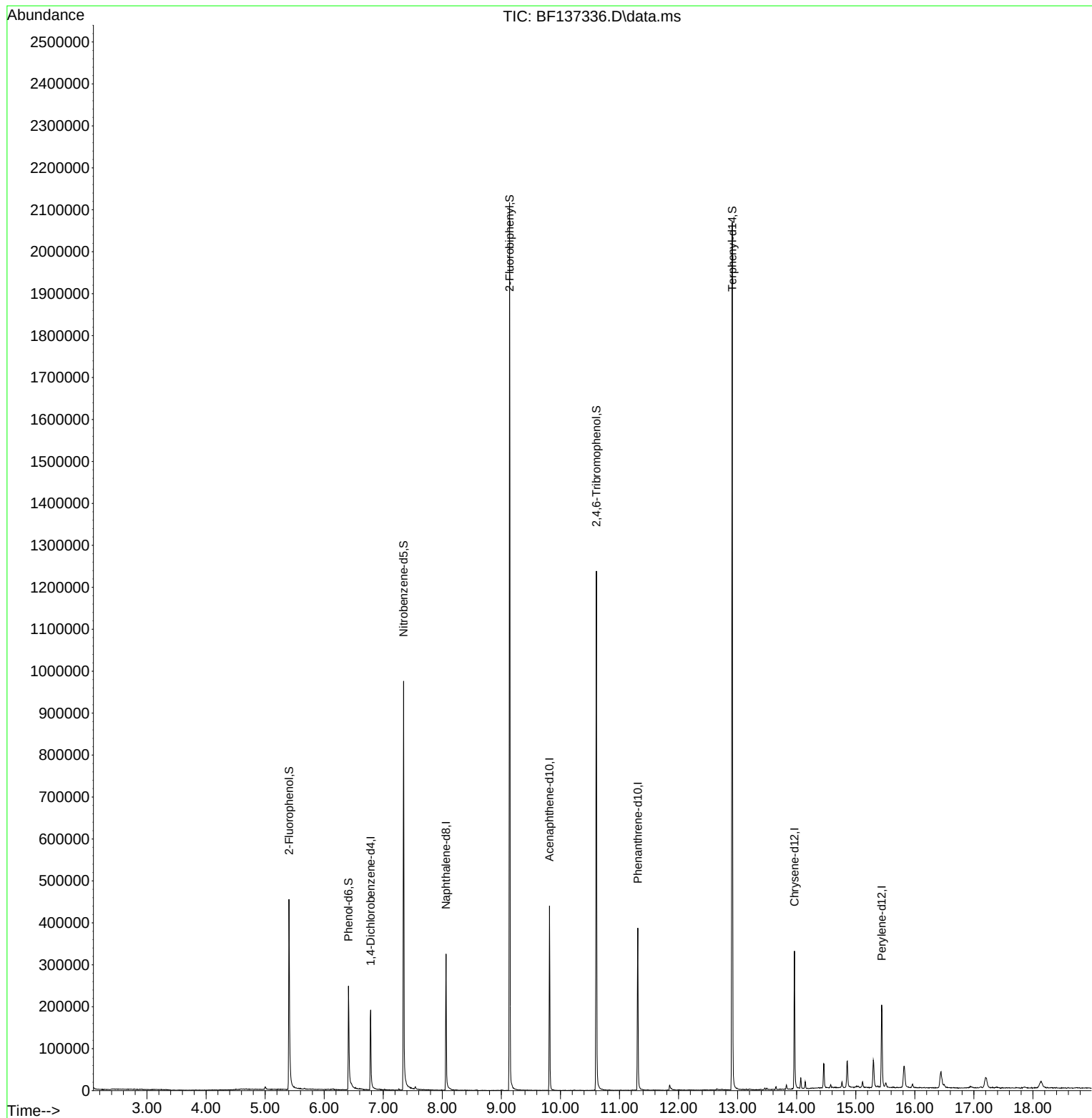
Target Compounds	Qvalue

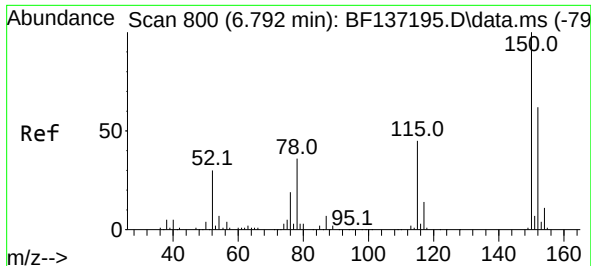
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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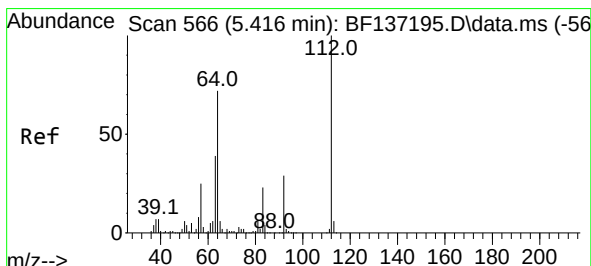
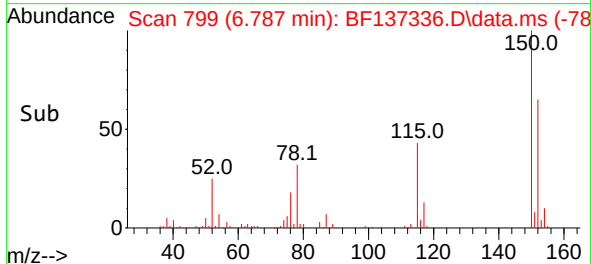
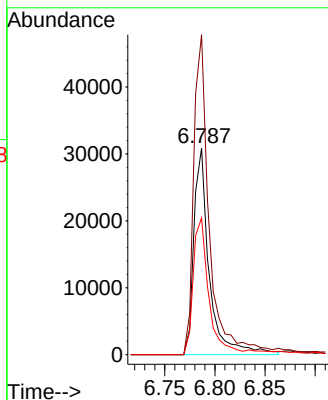
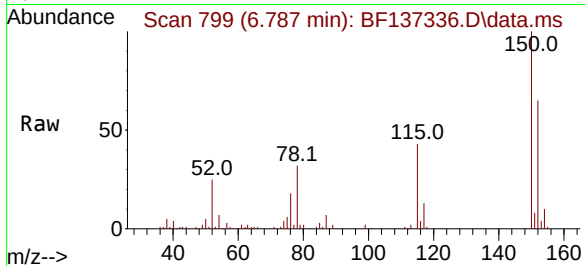




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

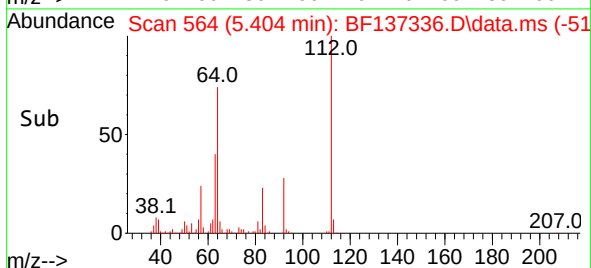
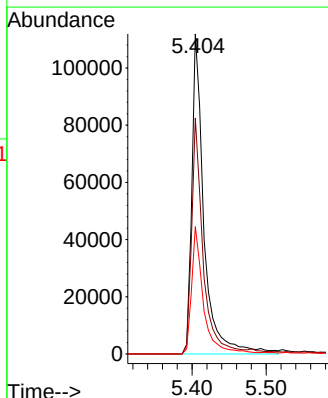
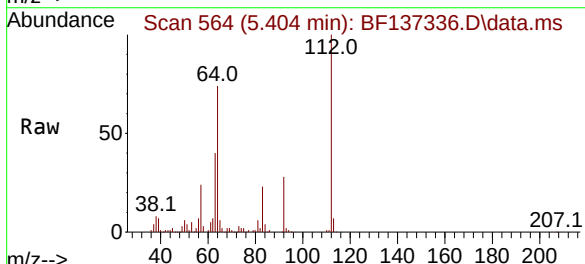
Instrument :
BNA_F
ClientSampleId :
T180-AOP

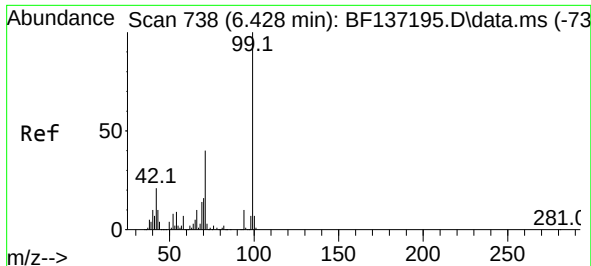
Tgt Ion:152 Resp: 33063
Ion Ratio Lower Upper
152 100
150 154.8 129.8 194.8
115 66.1 58.5 87.7



#5
2-Fluorophenol
Concen: 63.890 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion:112 Resp: 128017
Ion Ratio Lower Upper
112 100
64 73.7 57.8 86.6
63 39.8 31.4 47.0





#7
Phenol-d6
Concen: 33.209 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

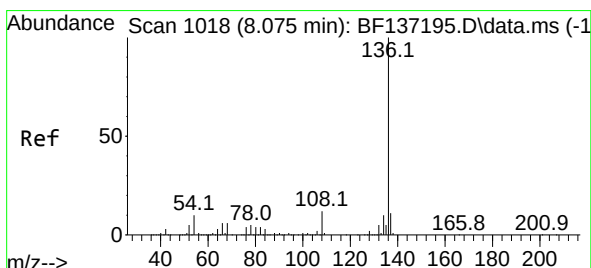
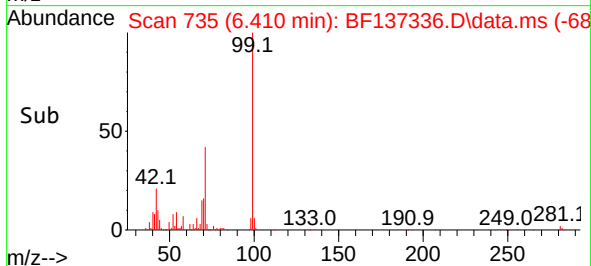
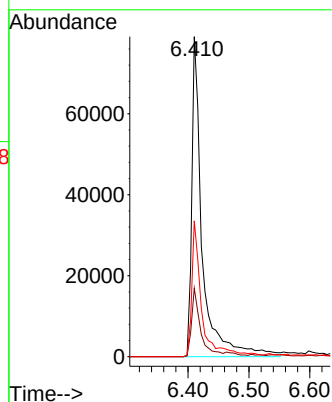
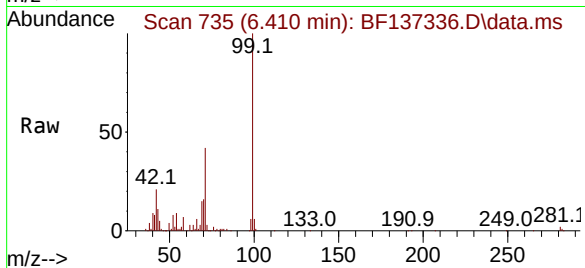
Instrument :

BNA_F

ClientSampleId :

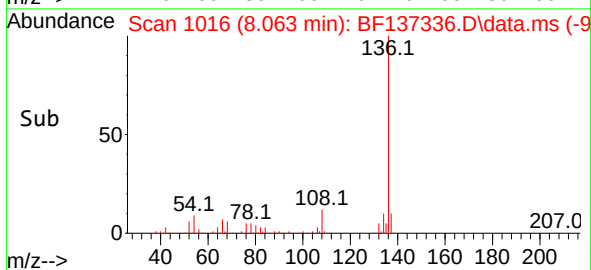
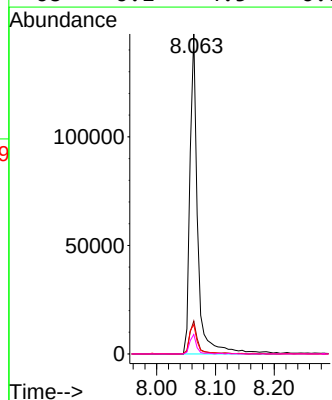
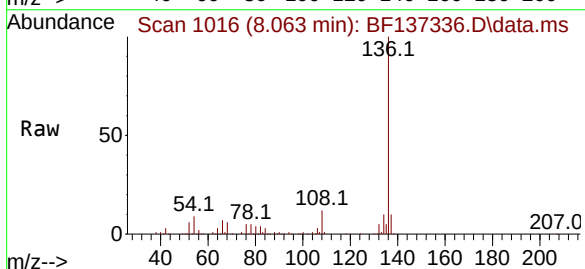
T180-AOP

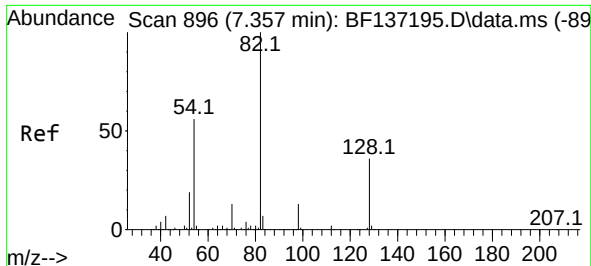
Tgt Ion: 99 Resp: 94961
Ion Ratio Lower Upper
99 100
42 21.4 16.4 24.6
71 42.5 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion: 136 Resp: 136213
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 9.1 7.8 11.8
68 6.1 4.5 6.7

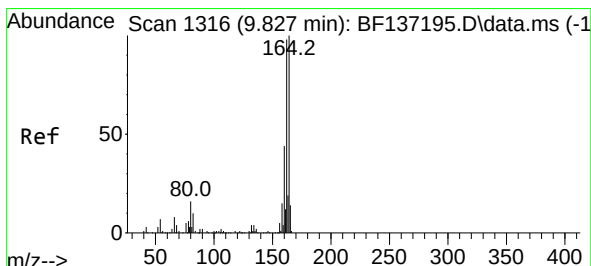
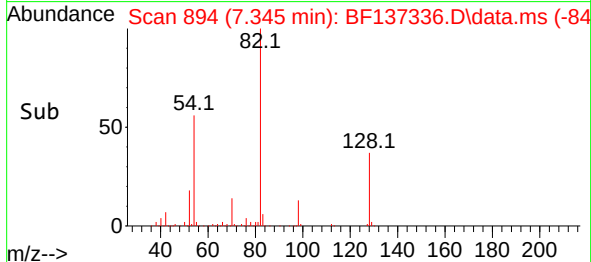
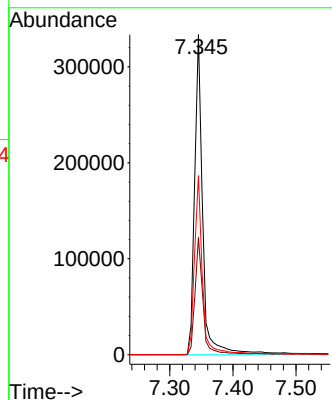
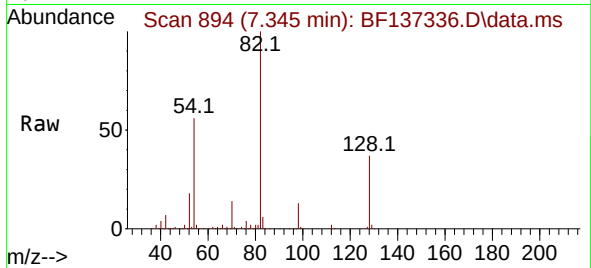




#23
Nitrobenzene-d5
Concen: 98.632 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

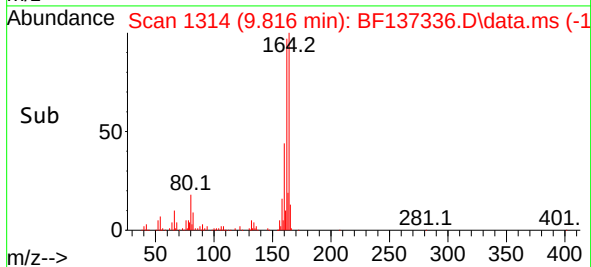
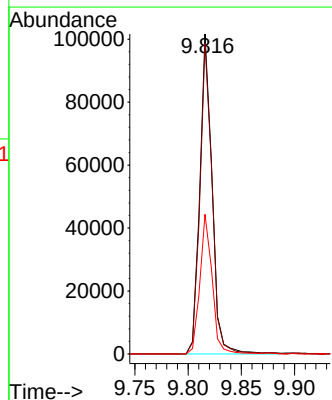
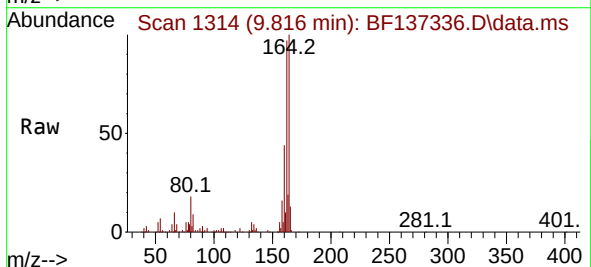
Instrument :
BNA_F
ClientSampleId :
T180-AOP

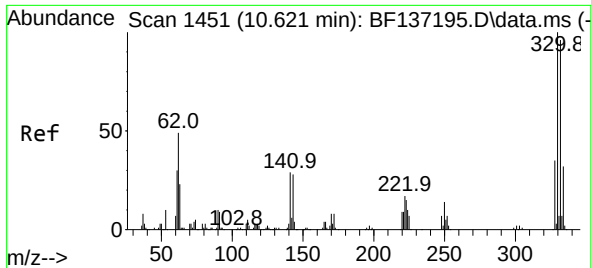
Tgt Ion: 82 Resp: 300078
Ion Ratio Lower Upper
82 100
128 36.6 29.1 43.7
54 56.0 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion:164 Resp: 81896
Ion Ratio Lower Upper
164 100
162 97.1 78.3 117.5
160 43.7 35.4 53.2

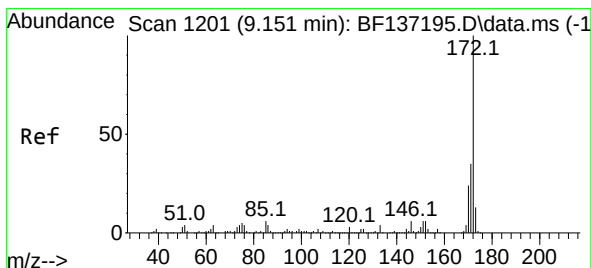
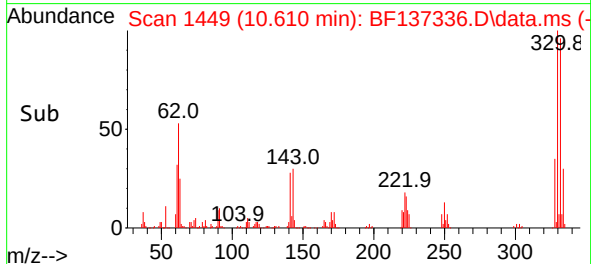
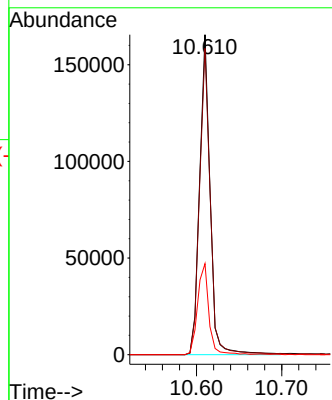
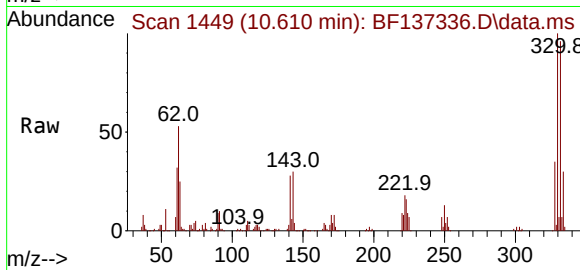




#42
2,4,6-Tribromophenol
Concen: 154.021 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

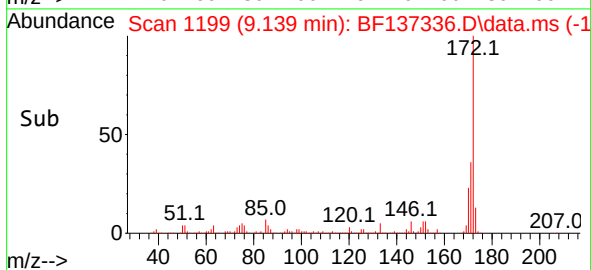
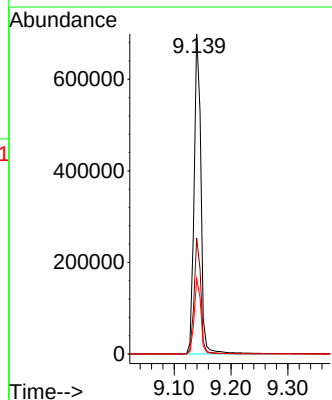
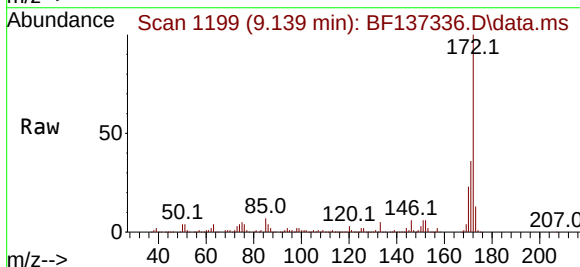
Instrument :
BNA_F
ClientSampleId :
T180-AOP

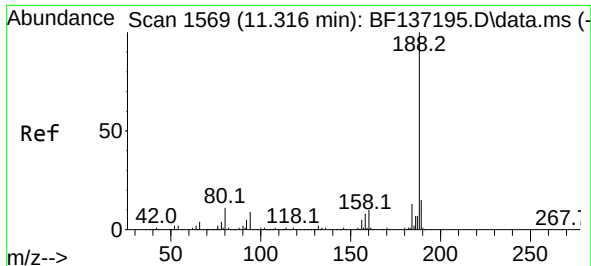
Tgt Ion: 330 Resp: 142453
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 30.4 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 98.640 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion: 172 Resp: 587651
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.5 19.1 28.7

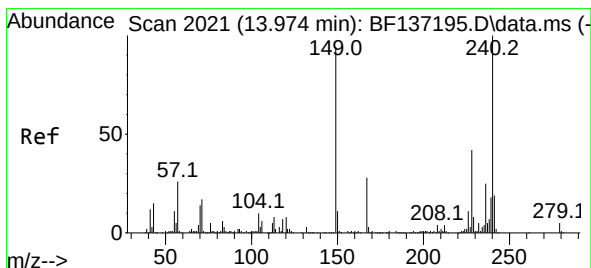
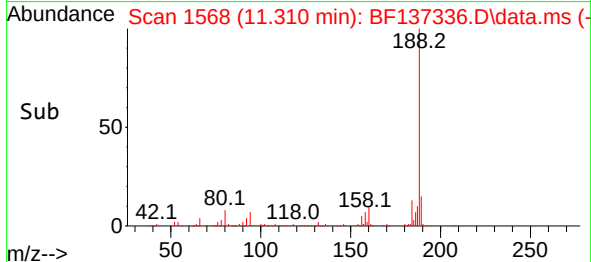
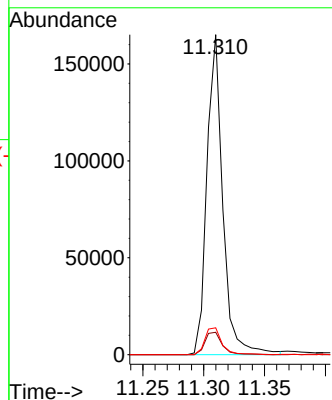
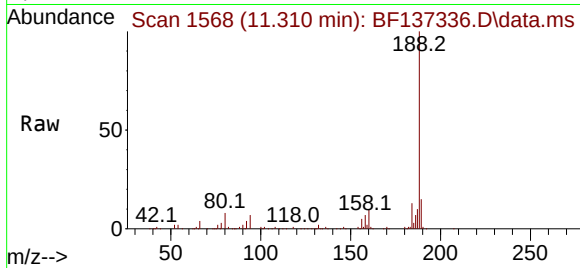




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

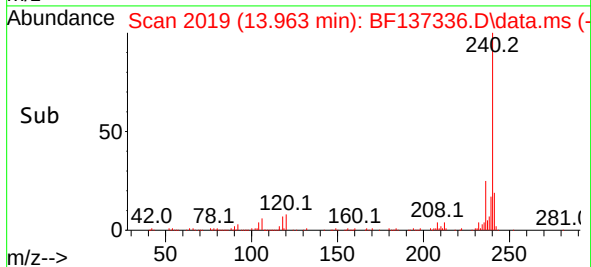
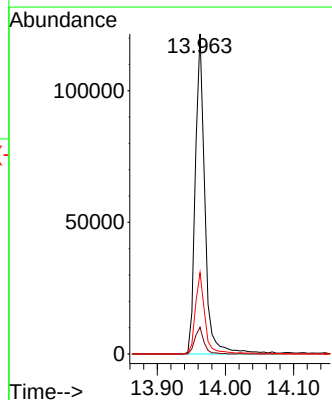
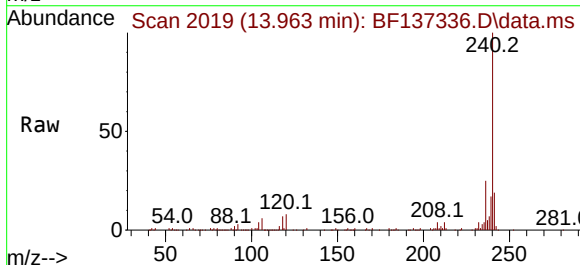
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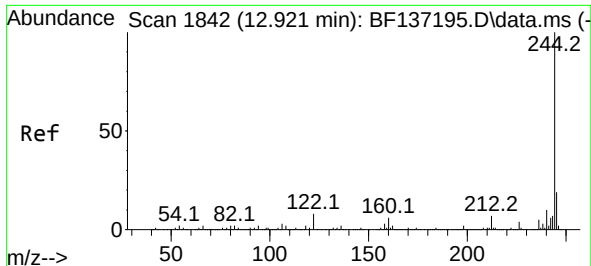
Tgt Ion:188 Resp: 149966
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.4
80 8.4 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion:240 Resp: 118985
Ion Ratio Lower Upper
240 100
120 8.4 6.3 9.5
236 25.4 20.3 30.5

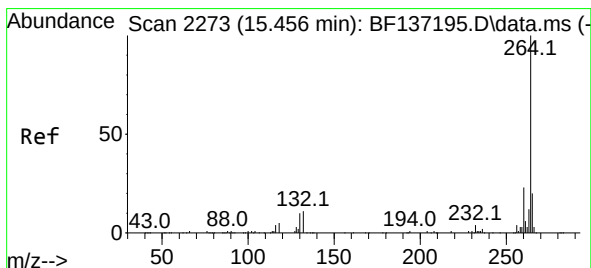
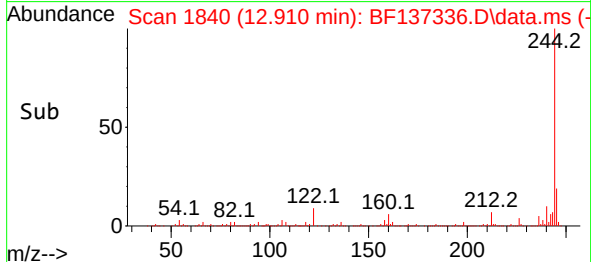
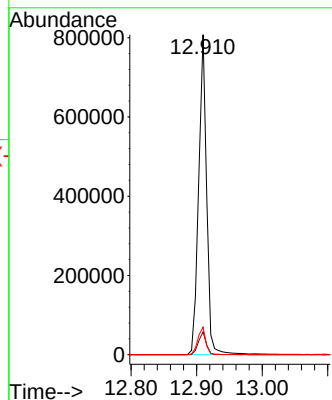
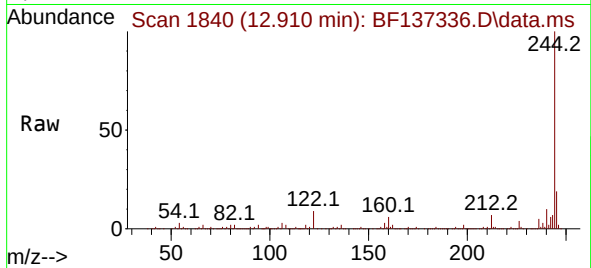




#79
 Terphenyl-d14
 Concen: 78.737 ng
 RT: 12.910 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: BF137336.D
 Acq: 08 Feb 2024 14:27

Instrument :
 BNA_F
 ClientSampleId :
 T180-AOP

Tgt Ion:244 Resp: 689147
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 8.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.017 min
 Lab File: BF137336.D
 Acq: 08 Feb 2024 14:27

Tgt Ion:264 Resp: 105590
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.4
 265 22.6 16.2 24.2

