

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134986.D
 Acq On : 29 Aug 2023 16:17
 Operator : CG\JU
 Sample : PB155045TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155045TB

Quant Time: Aug 29 22:27:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	104570	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	426763	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	226599	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	427113	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	227341	20.000	ng	-0.02
86) Perylene-d12	15.433	264	232397	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	907485	138.388	ng	0.00
7) Phenol-d6	6.428	99	1133076	135.223	ng	-0.01
23) Nitrobenzene-d5	7.345	82	716286	92.487	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	349272	130.874	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1316873	89.839	ng	-0.01
79) Terphenyl-d14	12.916	244	1556746	94.182	ng	0.00

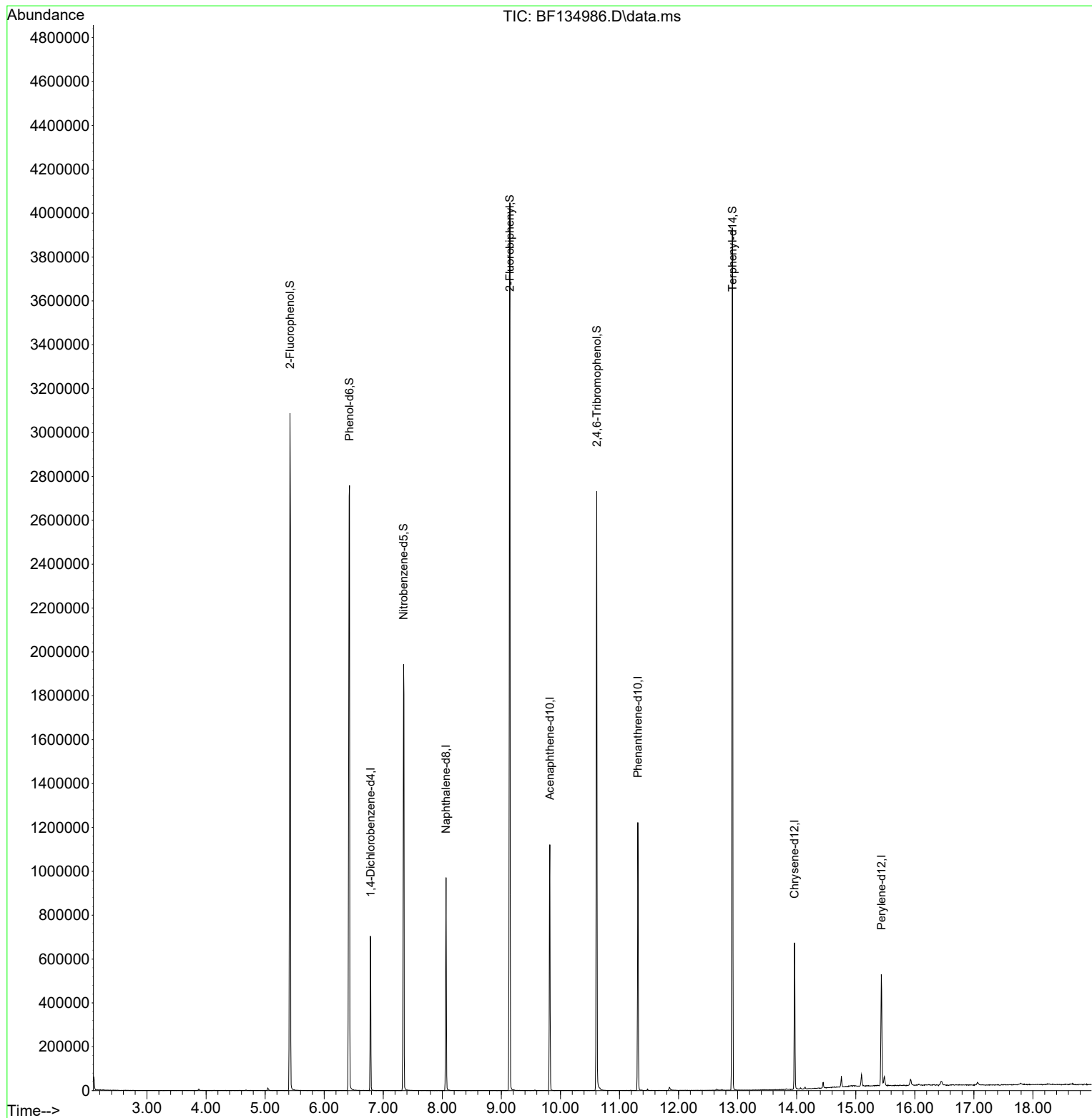
Target Compounds	Qvalue
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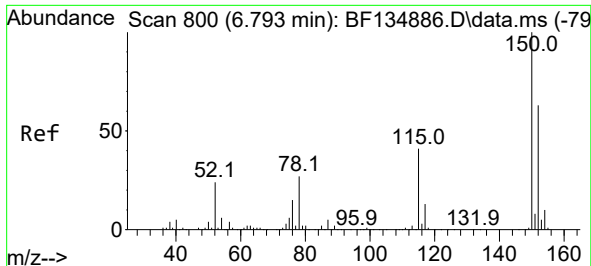
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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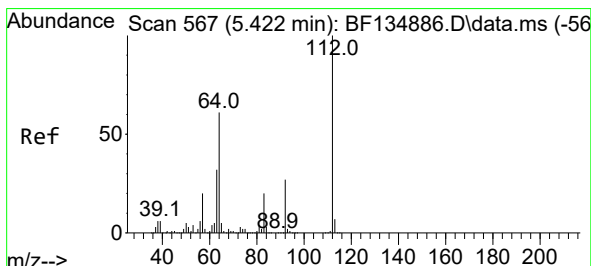
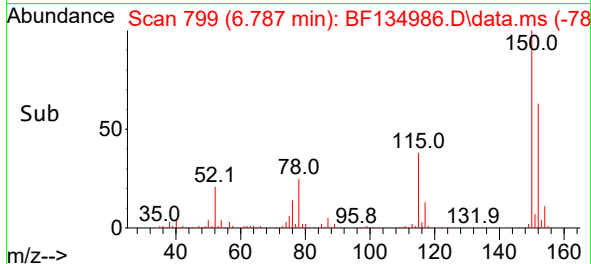
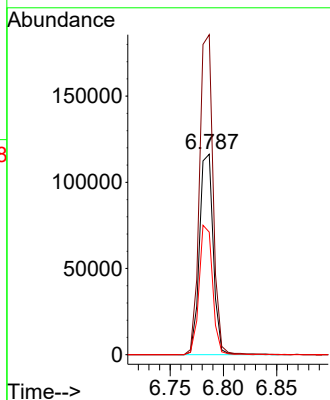
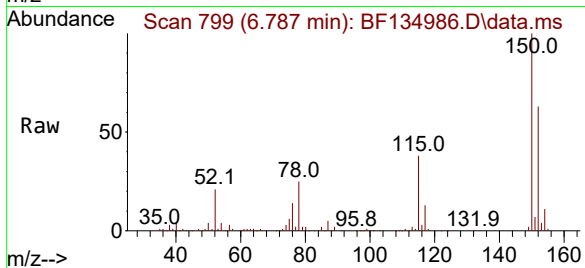




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

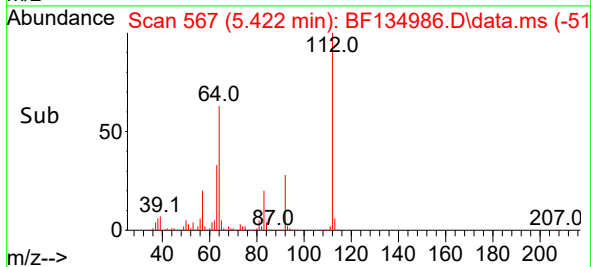
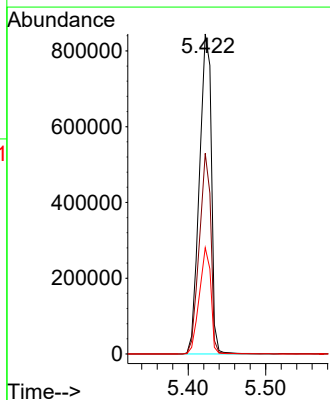
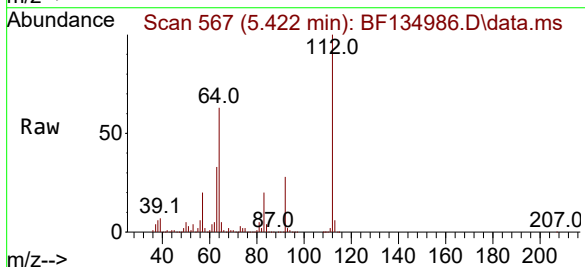
Instrument :
BNA_F
ClientSampleId :
PB155045TB

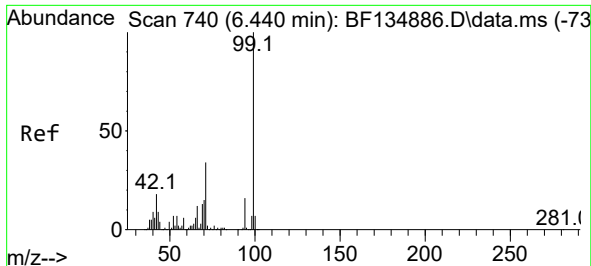
Tgt Ion:152 Resp: 104570
Ion Ratio Lower Upper
152 100
150 159.7 126.1 189.1
115 61.2 51.1 76.7



#5
2-Fluorophenol
Concen: 138.388 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Tgt Ion:112 Resp: 907485
Ion Ratio Lower Upper
112 100
64 62.7 48.6 73.0
63 33.2 25.7 38.5

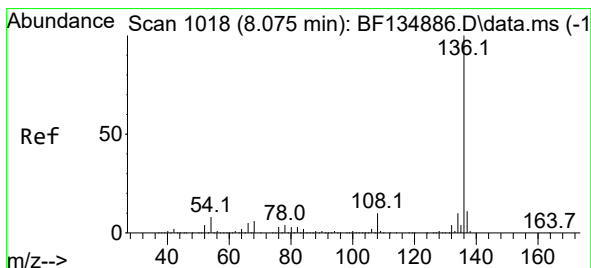
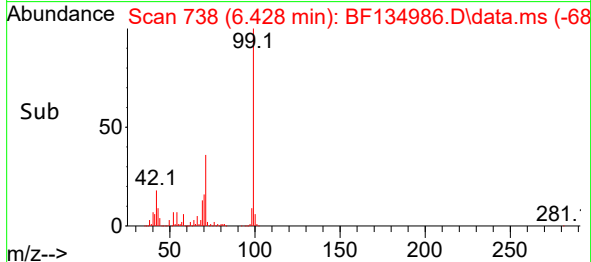
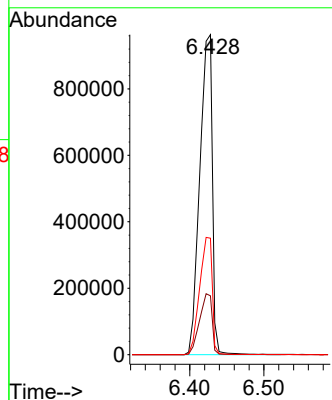
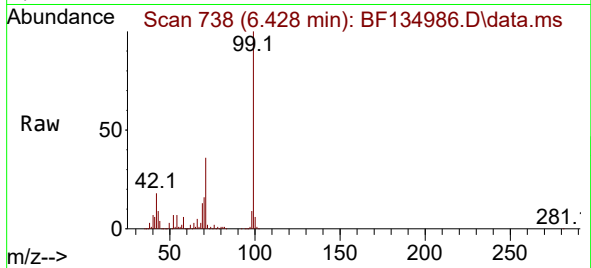




#7
Phenol-d6
Concen: 135.223 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

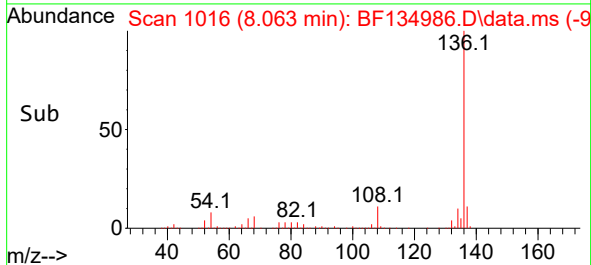
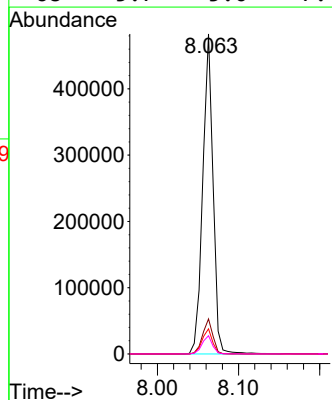
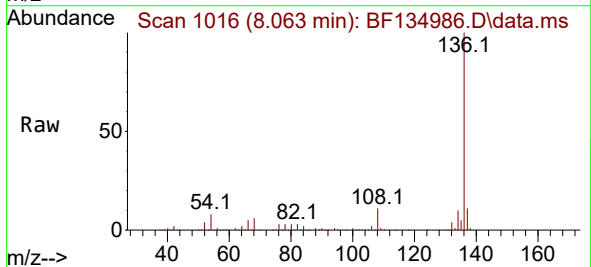
Instrument :
BNA_F
ClientSampleId :
PB155045TB

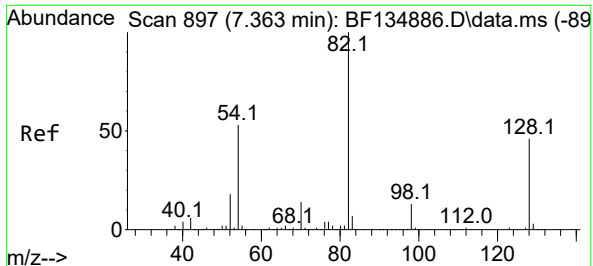
Tgt Ion: 99 Resp: 1133076
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 36.4 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Tgt Ion: 136 Resp: 426763
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.9 6.6 9.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 92.487 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134986.D

Acq: 29 Aug 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155045TB

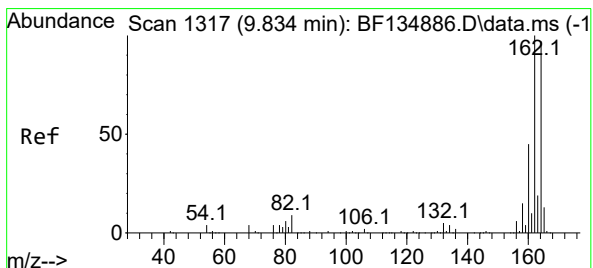
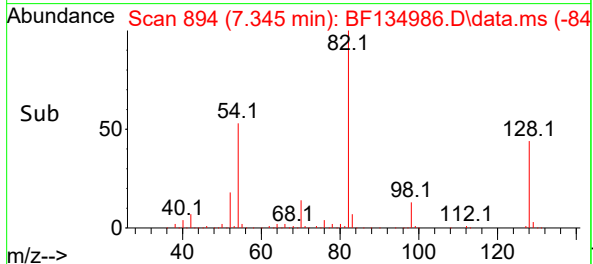
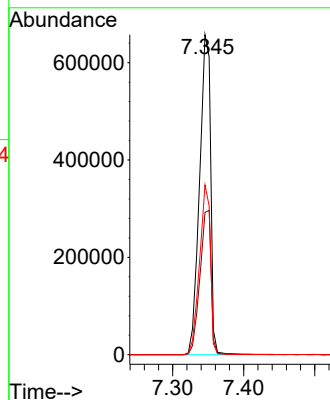
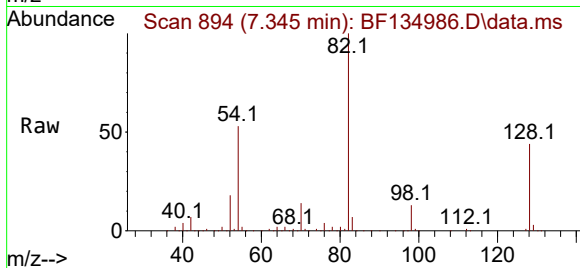
Tgt Ion: 82 Resp: 716286

Ion Ratio Lower Upper

82 100

128 44.5 36.6 54.8

54 53.0 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF134986.D

Acq: 29 Aug 2023 16:17

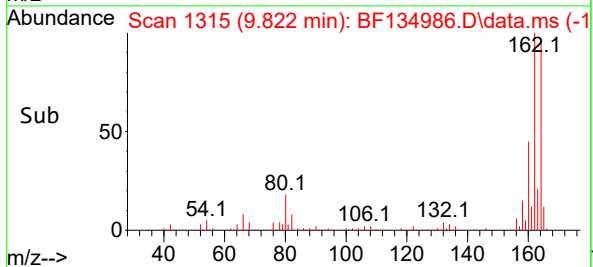
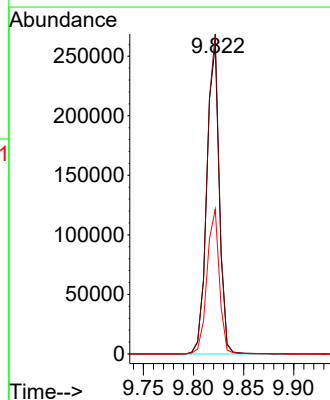
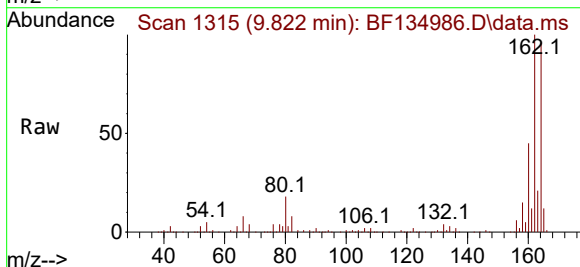
Tgt Ion:164 Resp: 226599

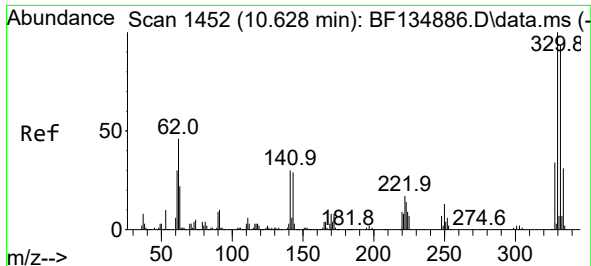
Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

160 46.9 37.0 55.4

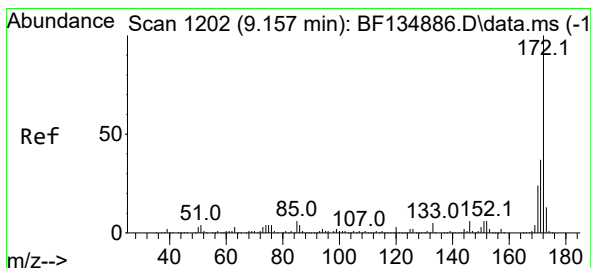
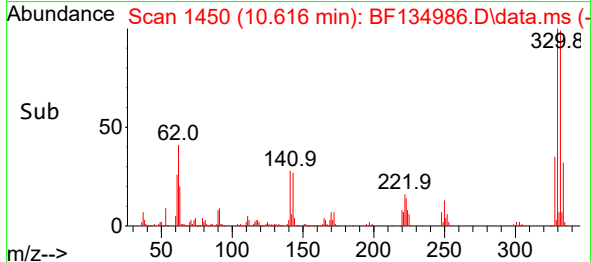
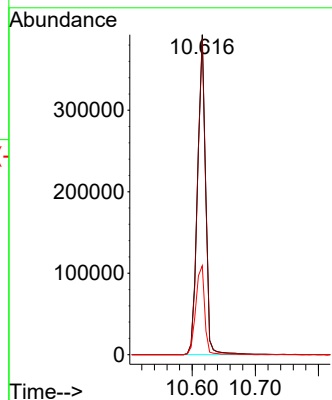
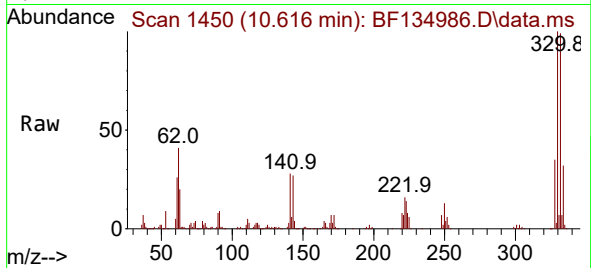




#42
 2,4,6-Tribromophenol
 Concen: 130.874 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.012 min
 Lab File: BF134986.D
 Acq: 29 Aug 2023 16:17

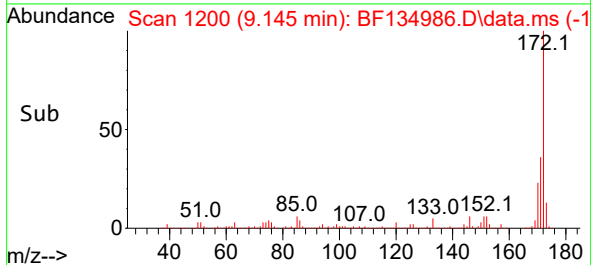
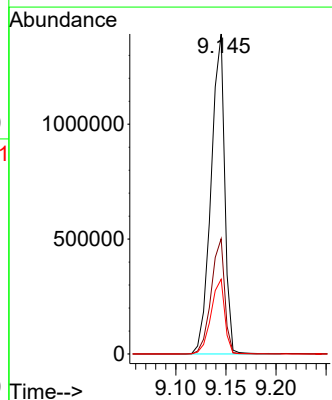
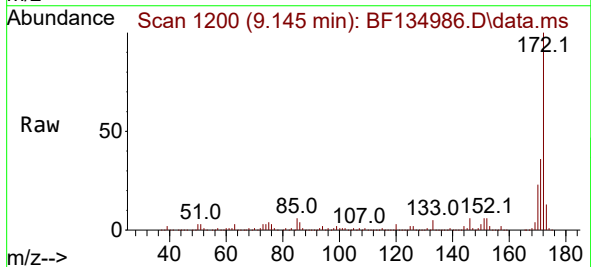
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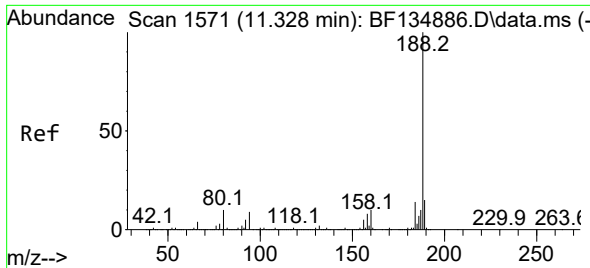
Tgt Ion:330 Resp: 349272
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.3 114.5
 141 30.5 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 89.839 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.012 min
 Lab File: BF134986.D
 Acq: 29 Aug 2023 16:17

Tgt Ion:172 Resp: 1316873
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 23.3 19.6 29.4

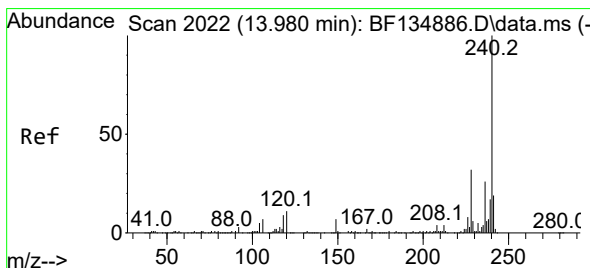
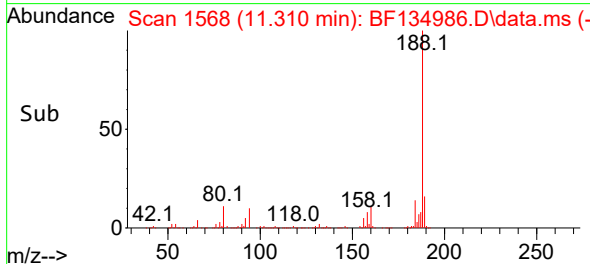
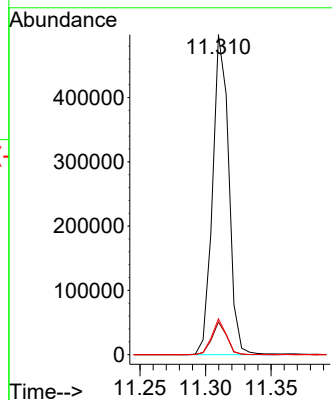
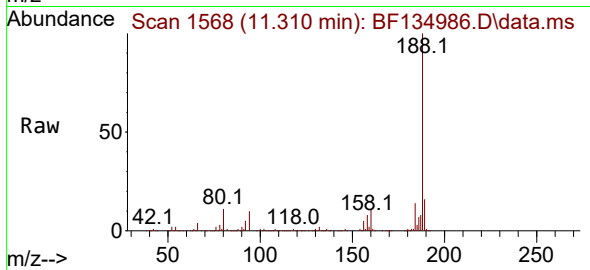




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

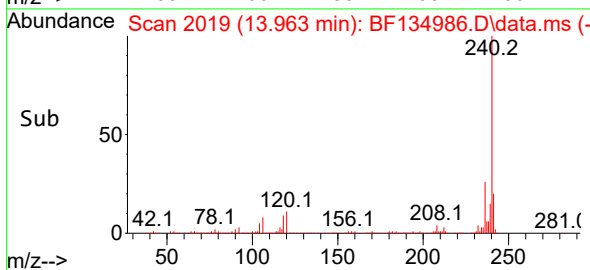
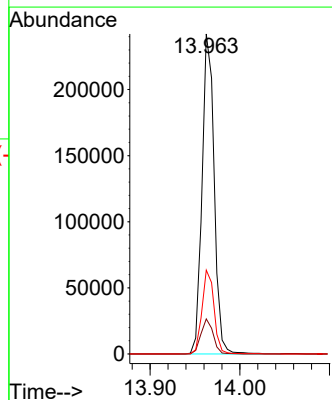
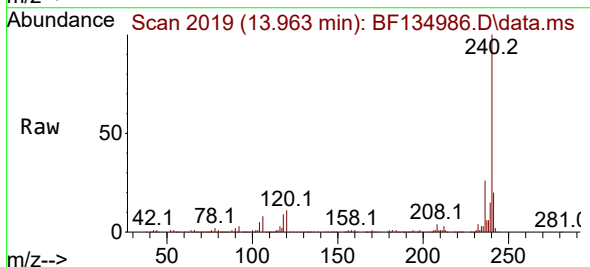
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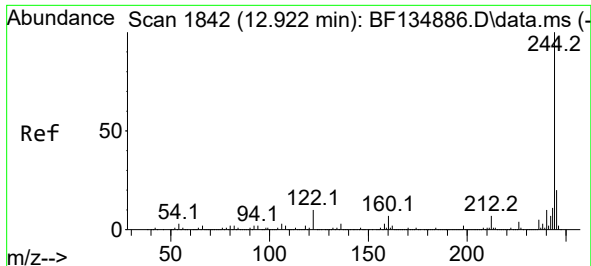
Tgt Ion:188 Resp: 427113
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 11.2 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Tgt Ion:240 Resp: 227341
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 26.2 20.6 31.0

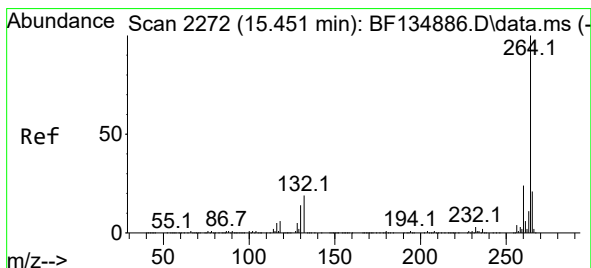
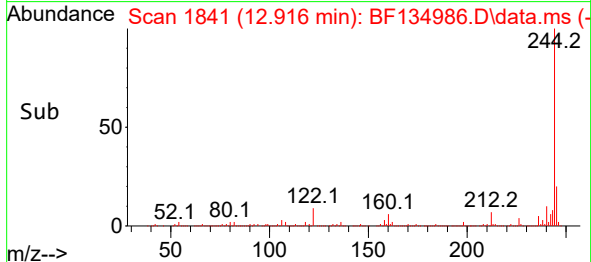
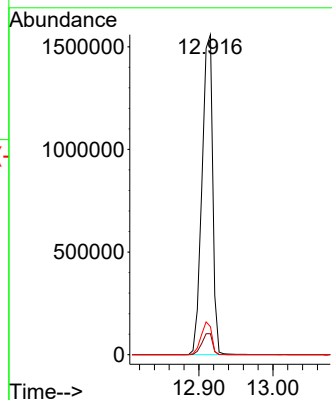
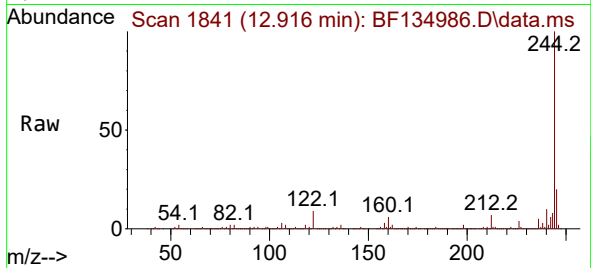




#79
 Terphenyl-d14
 Concen: 94.182 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134986.D
 Acq: 29 Aug 2023 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB155045TB

Tgt Ion:244 Resp: 1556746
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.8 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.018 min
 Lab File: BF134986.D
 Acq: 29 Aug 2023 16:17

Tgt Ion:264 Resp: 232397
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.5 17.1 25.7

