

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134631.D
 Acq On : 04 Aug 2023 14:20
 Operator : CG\JU
 Sample : 03886-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 500-1A-1B

Quant Time: Aug 05 00:06:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	184258	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	674508	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	273311	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	399441	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	412498	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	315865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	905604	74.711	ng	0.00
7) Phenol-d6	6.434	99	1130056	72.931	ng	0.00
23) Nitrobenzene-d5	7.357	82	650744	60.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	194296	69.736	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1133964	68.985	ng	-0.01
79) Terphenyl-d14	12.916	244	1079082	46.116	ng	0.00

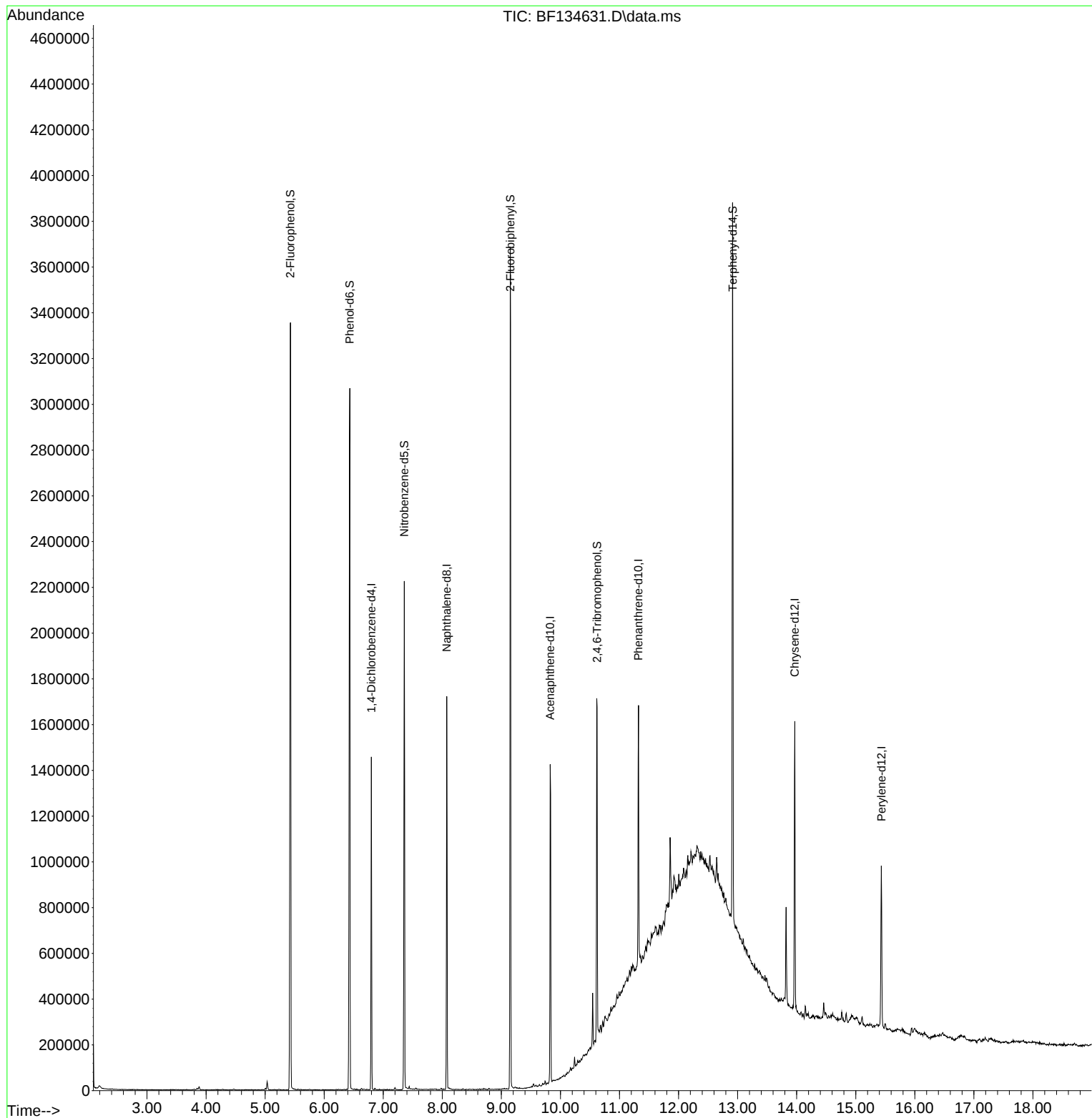
Target Compounds	Qvalue

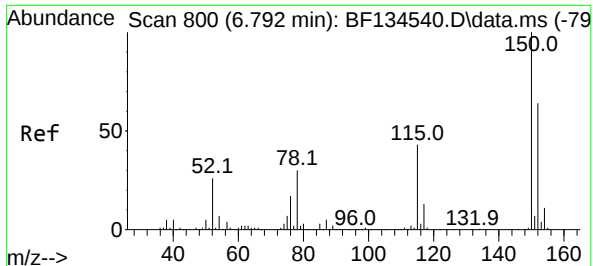
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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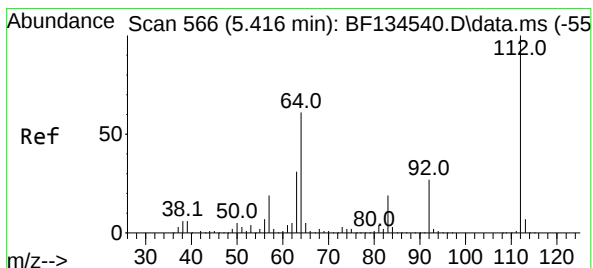
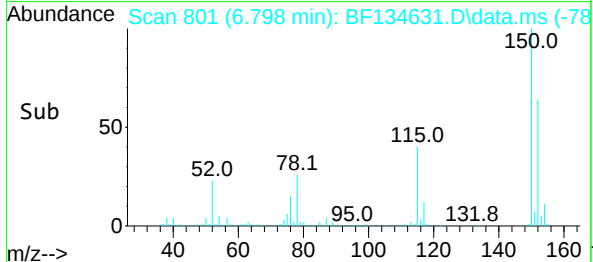
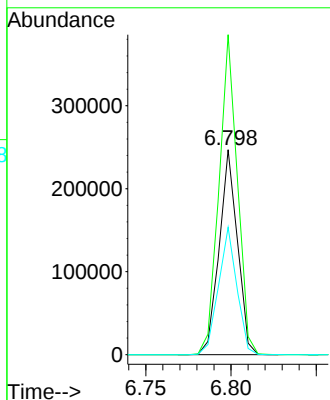
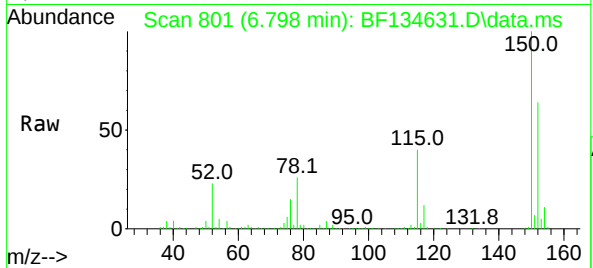




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

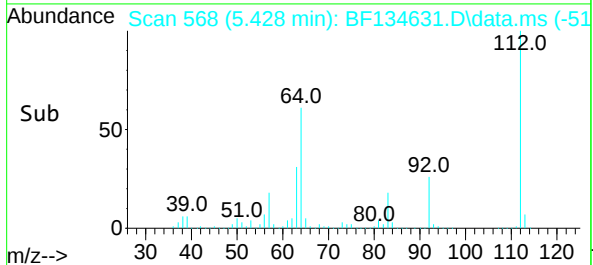
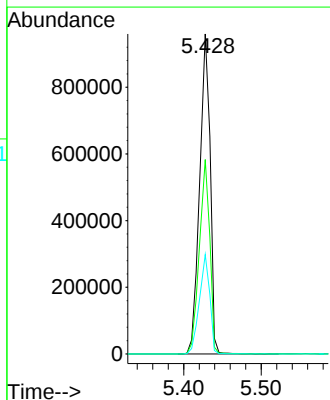
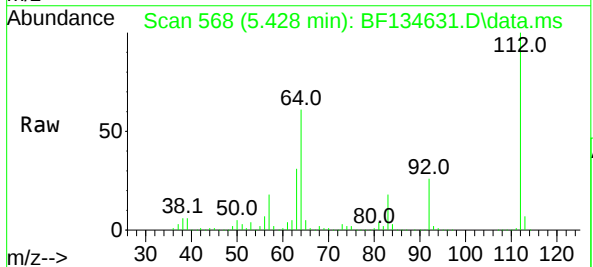
Instrument :
BNA_F
ClientSampleId :
500-1A-1B

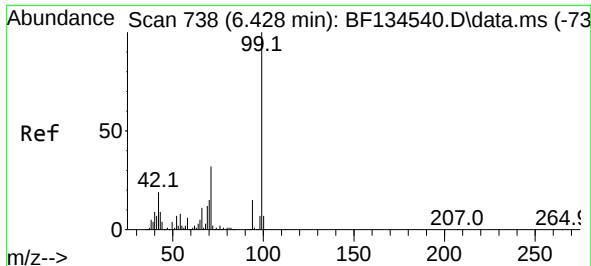
Tgt Ion:152 Resp: 184258
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 62.1 52.4 78.6



#5
2-Fluorophenol
Concen: 74.711 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

Tgt Ion:112 Resp: 905604
Ion Ratio Lower Upper
112 100
64 60.8 44.9 67.3
63 31.1 25.4 38.0





#7
Phenol-d6
Concen: 72.931 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

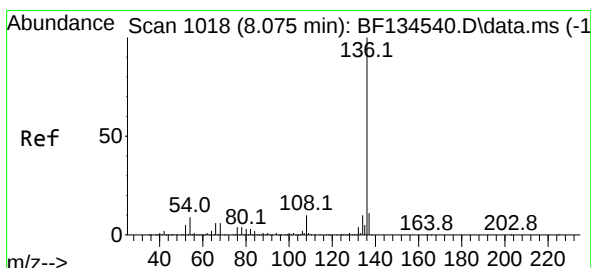
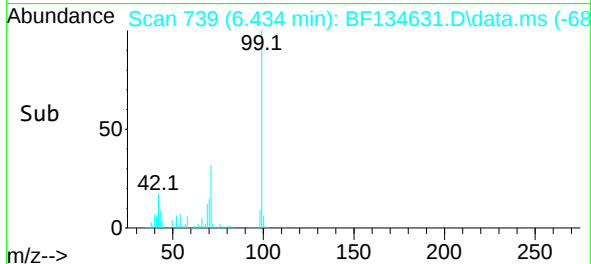
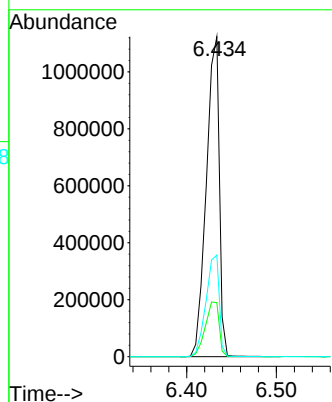
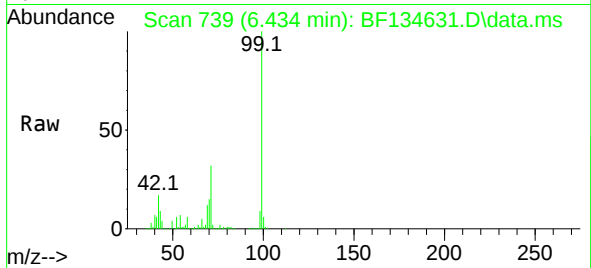
Instrument :

BNA_F

ClientSampleId :

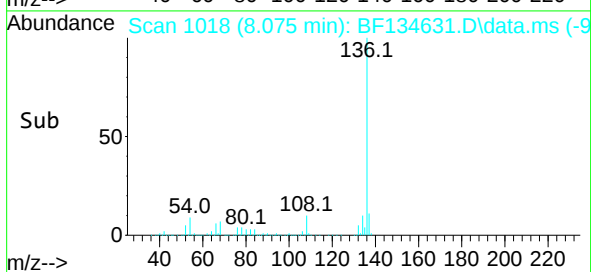
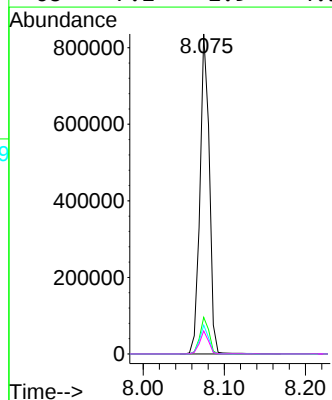
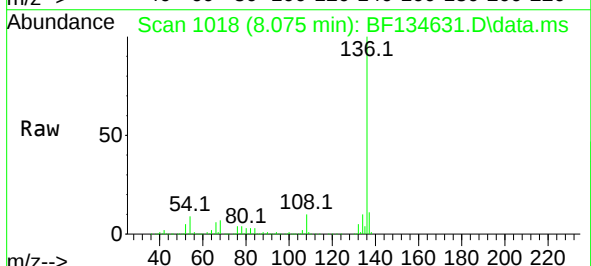
500-1A-1B

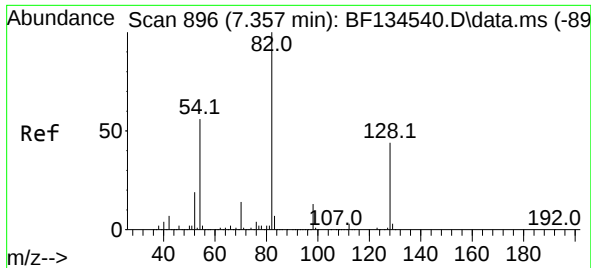
Tgt Ion: 99 Resp: 1130056
Ion Ratio Lower Upper
99 100
42 16.9 18.7 28.1#
71 31.7 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

Tgt Ion: 136 Resp: 674508
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.0 5.2 7.8#
68 7.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 60.291 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134631.D

Acq: 04 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

500-1A-1B

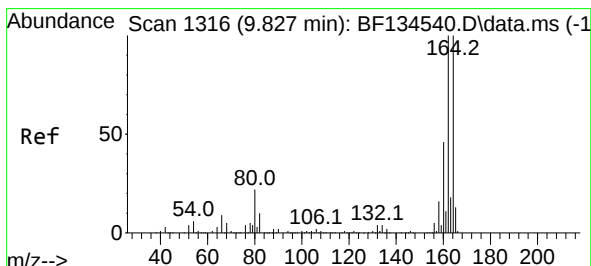
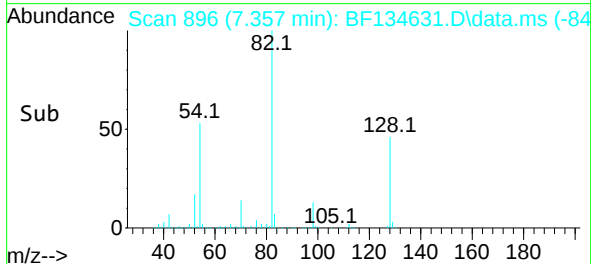
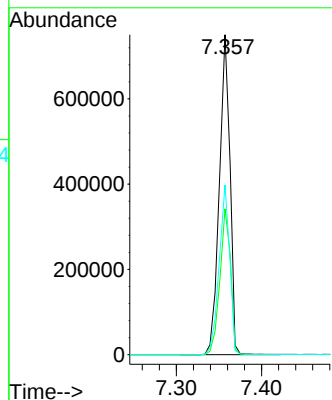
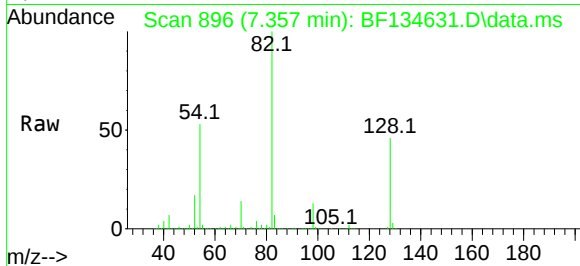
Tgt Ion: 82 Resp: 650744

Ion Ratio Lower Upper

82 100

128 45.5 34.3 51.5

54 53.1 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134631.D

Acq: 04 Aug 2023 14:20

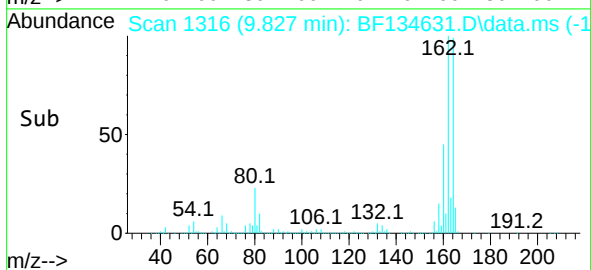
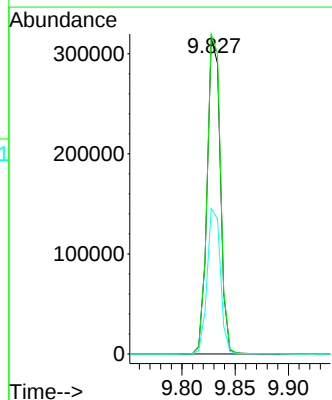
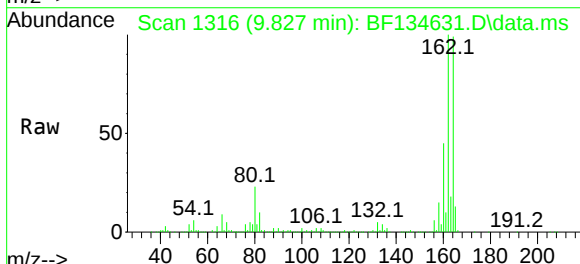
Tgt Ion: 164 Resp: 273311

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

160 46.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 69.736 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134631.D

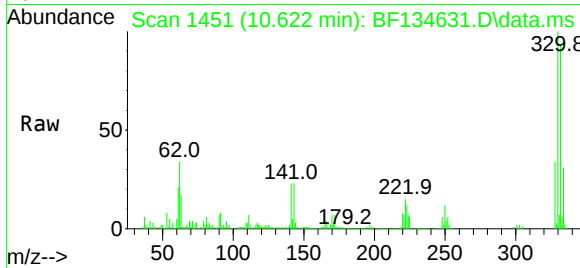
Acq: 04 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

500-1A-1B



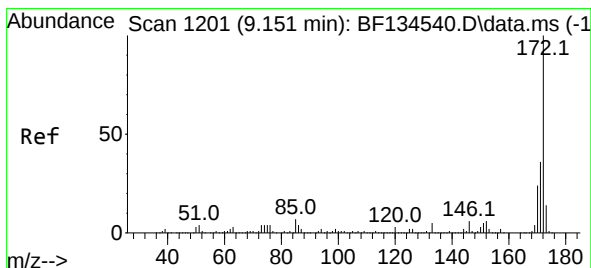
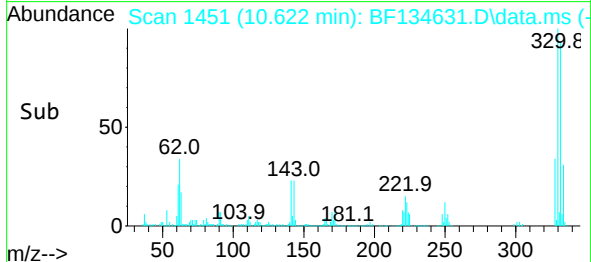
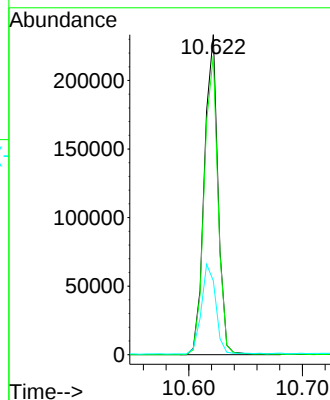
Tgt Ion:330 Resp: 194296

Ion Ratio Lower Upper

330 100

332 94.7 78.8 118.2

141 29.6 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 68.985 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134631.D

Acq: 04 Aug 2023 14:20

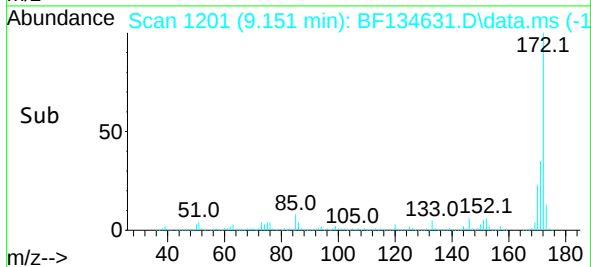
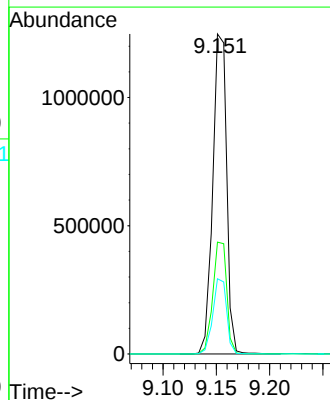
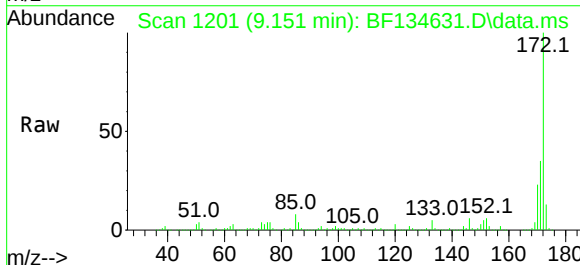
Tgt Ion:172 Resp: 1133964

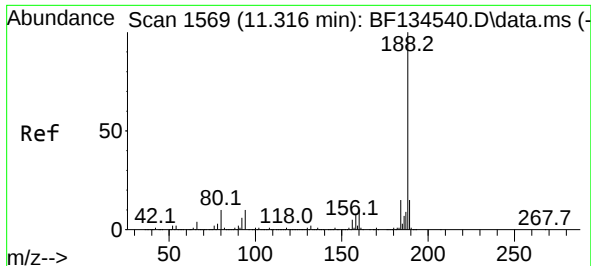
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.5 18.7 28.1

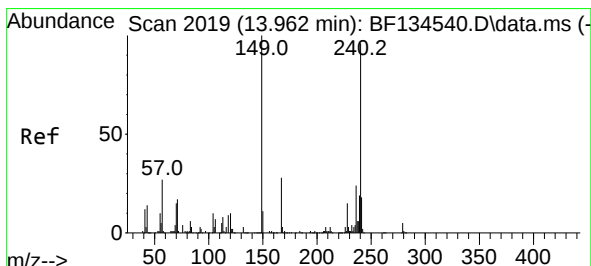
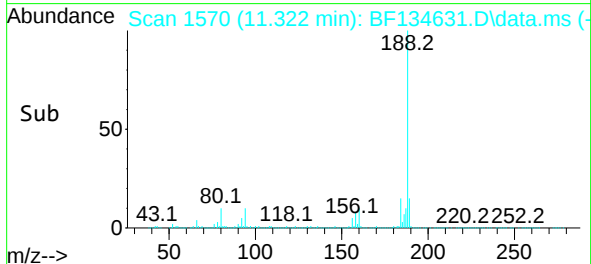
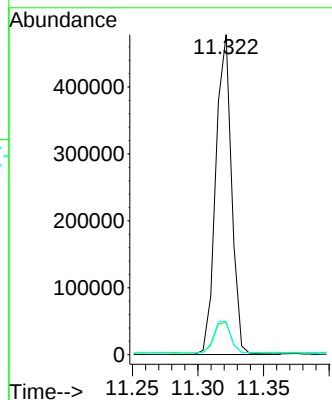
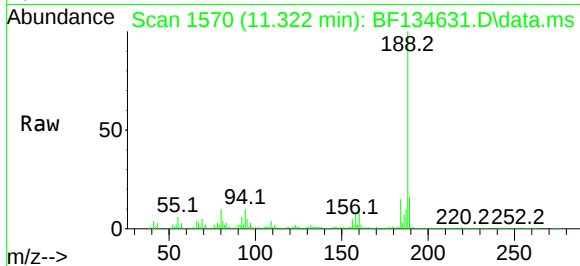




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

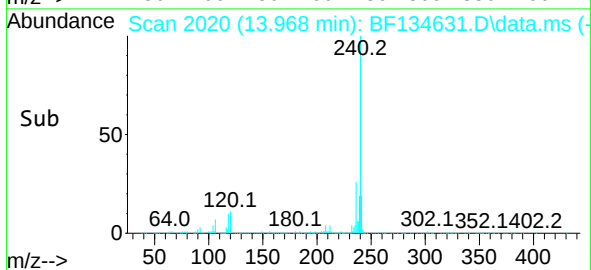
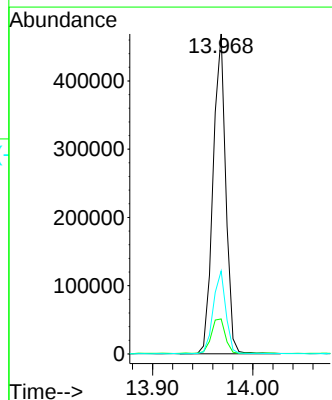
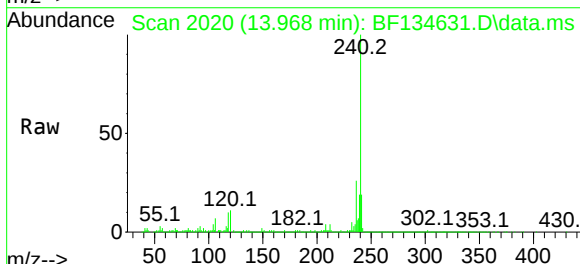
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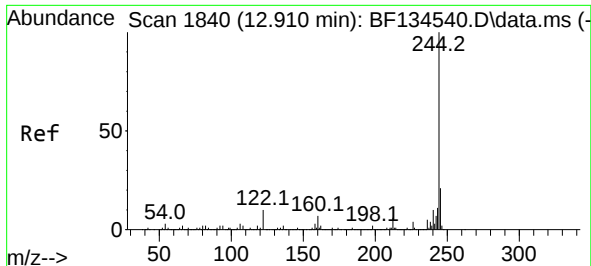
Tgt Ion:188 Resp: 399441
Ion Ratio Lower Upper
188 100
94 10.1 5.1 7.7#
80 10.4 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

Tgt Ion:240 Resp: 412498
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 25.9 20.2 30.2

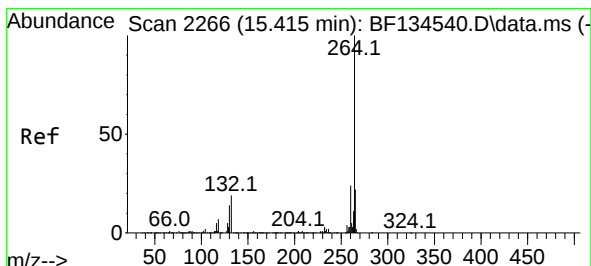
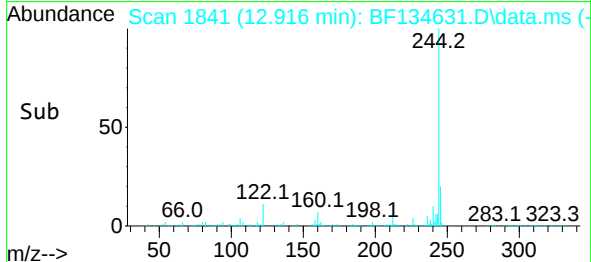
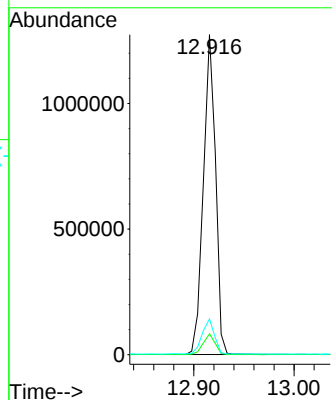
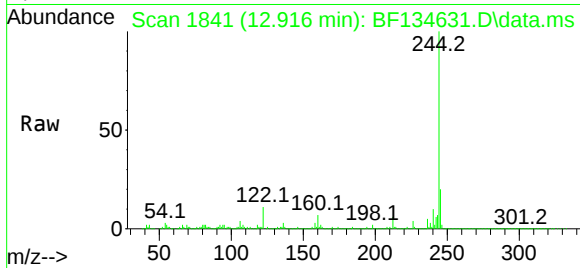




#79
 Terphenyl-d14
 Concen: 46.116 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF134631.D
 Acq: 04 Aug 2023 14:20

Instrument :
 BNA_F
 ClientSampleId :
 500-1A-1B

Tgt Ion:244 Resp: 1079082
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134631.D
 Acq: 04 Aug 2023 14:20

Tgt Ion:264 Resp: 315865
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.7 15.8 23.8

