

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134732.D
 Acq On : 11 Aug 2023 14:58
 Operator : CG\JU
 Sample : 03971-05 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP041A

Quant Time: Aug 11 22:21:48 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	173400	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	648041	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	291974	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	490649	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	398411	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	298020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	110139	9.655	ng	0.00
7) Phenol-d6	6.428	99	183718	12.599	ng	-0.01
23) Nitrobenzene-d5	7.351	82	124573	12.013	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	18575	6.241	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	252613	14.385	ng	-0.01
79) Terphenyl-d14	12.910	244	262949	11.635	ng	-0.01

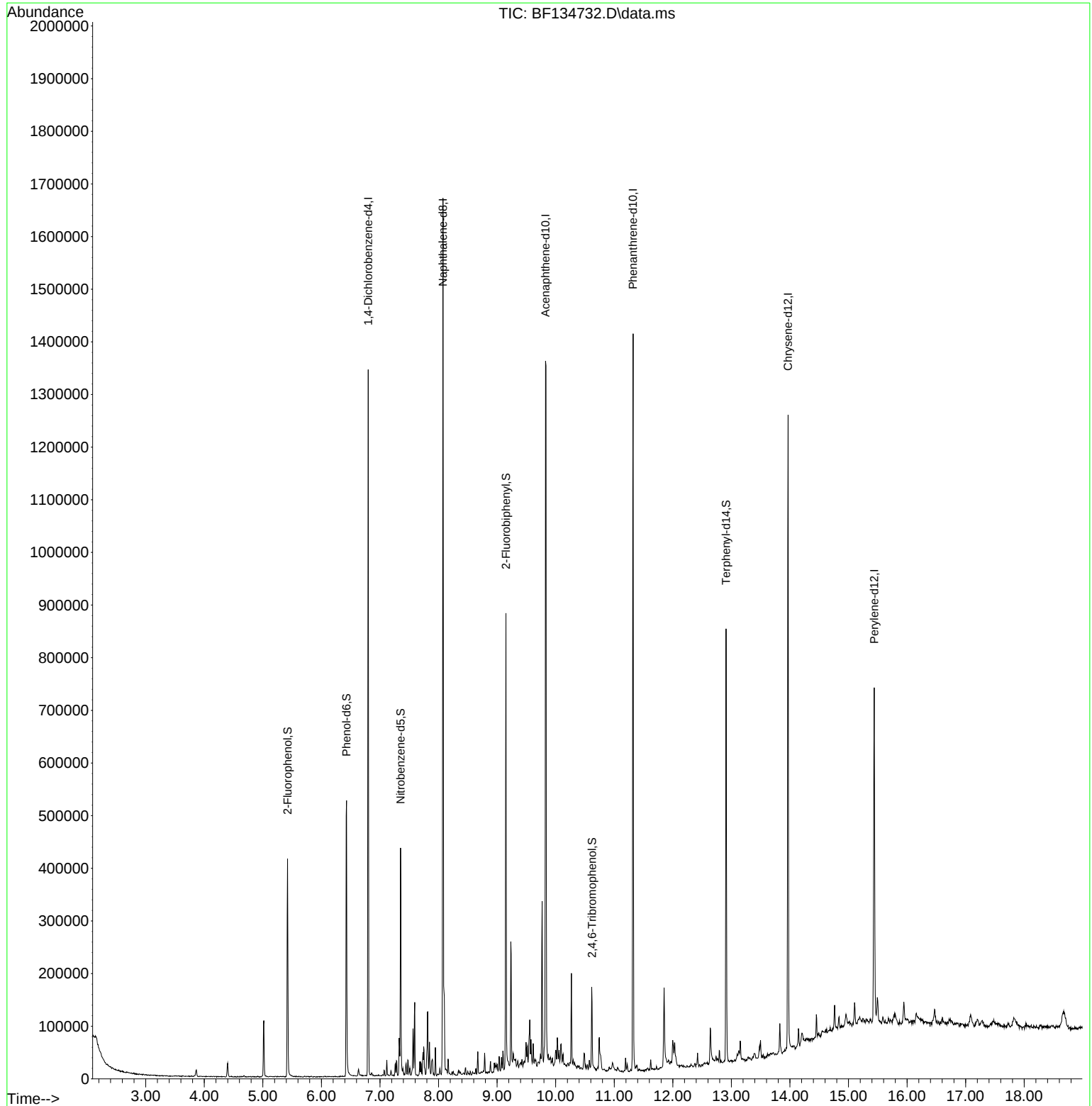
Target Compounds	Qvalue

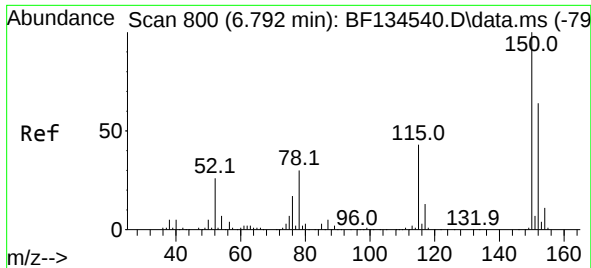
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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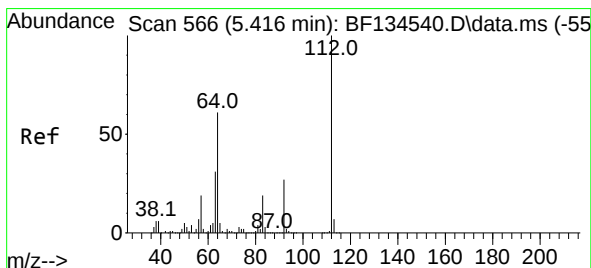
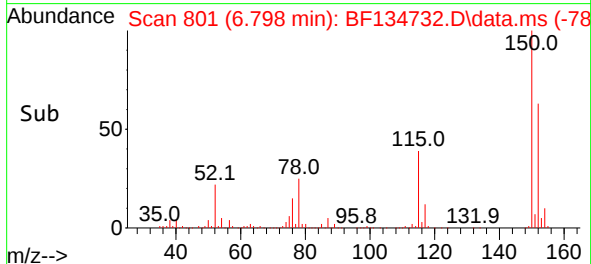
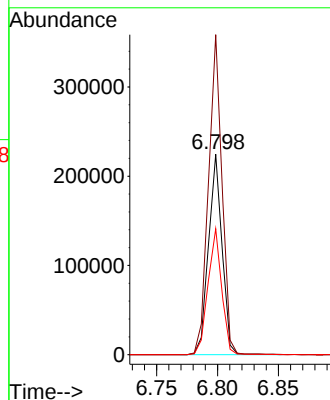
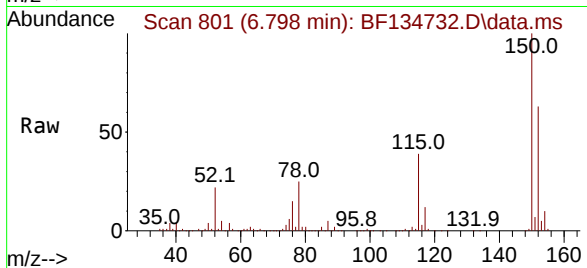




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

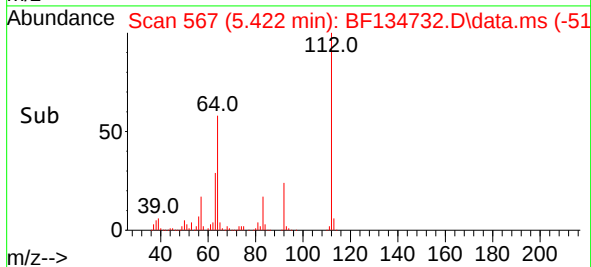
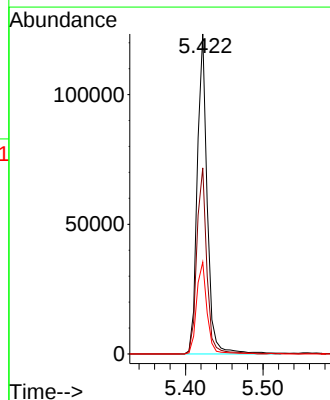
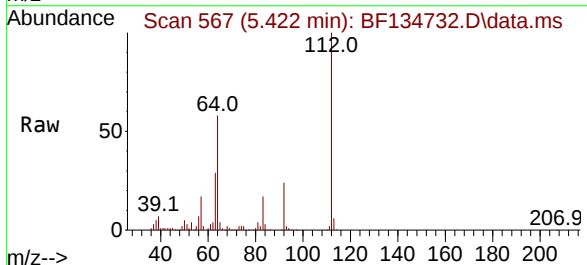
Instrument :
BNA_F
ClientSampleId :
B-PP041A

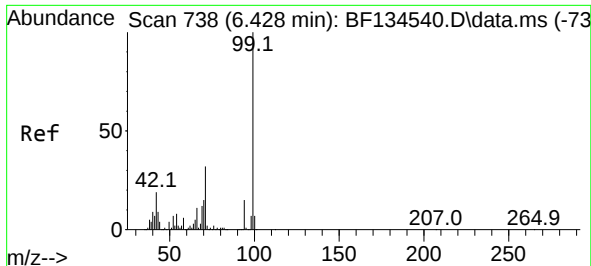
Tgt Ion:152 Resp: 173400
Ion Ratio Lower Upper
152 100
150 159.6 128.3 192.5
115 62.8 52.4 78.6



#5
2-Fluorophenol
Concen: 9.655 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

Tgt Ion:112 Resp: 110139
Ion Ratio Lower Upper
112 100
64 58.2 44.9 67.3
63 28.7 25.4 38.0





#7
Phenol-d6
Concen: 12.599 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

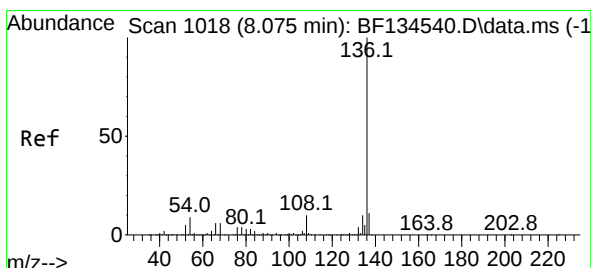
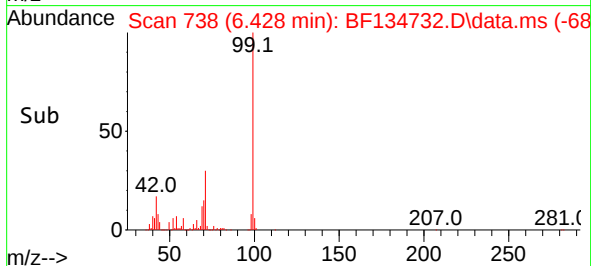
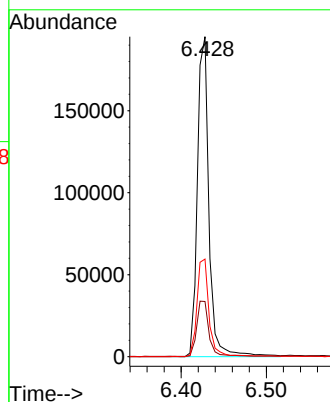
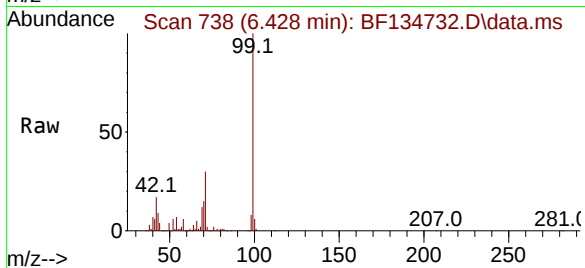
Instrument :

BNA_F

ClientSampleId :

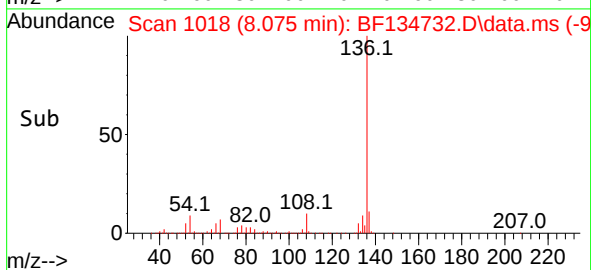
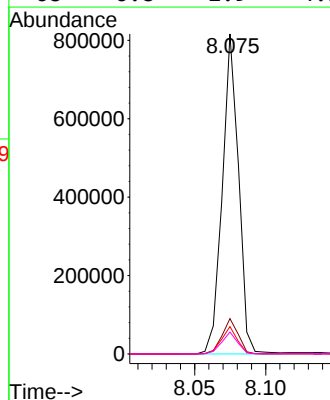
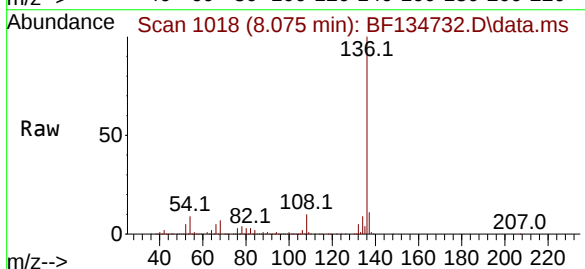
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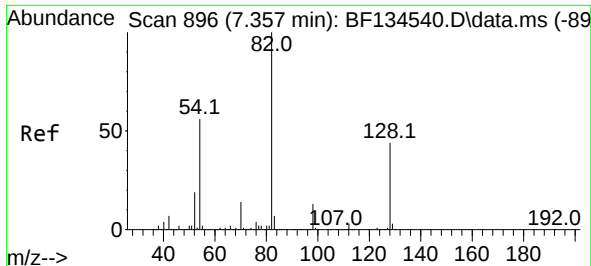
Tgt Ion: 99 Resp: 183718
Ion Ratio Lower Upper
99 100
42 17.3 18.7 28.1#
71 30.5 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

Tgt Ion: 136 Resp: 648041
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.6 5.2 7.8#
68 6.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 12.013 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF134732.D

Acq: 11 Aug 2023 14:58

Instrument :

BNA_F

ClientSampleId :

B-PP041A

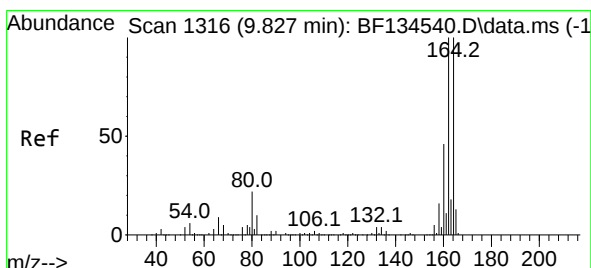
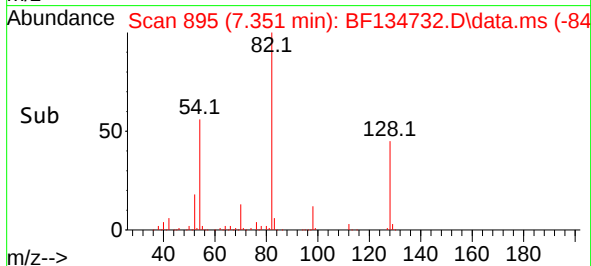
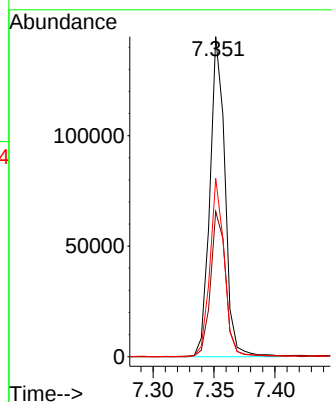
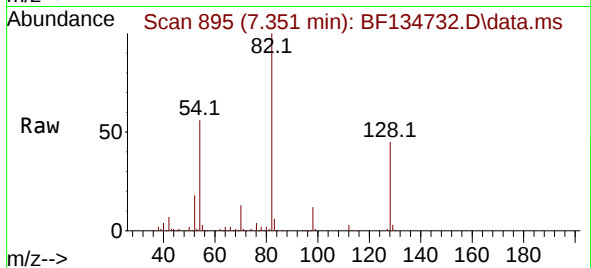
Tgt Ion: 82 Resp: 124573

Ion Ratio Lower Upper

82 100

128 45.3 34.3 51.5

54 55.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134732.D

Acq: 11 Aug 2023 14:58

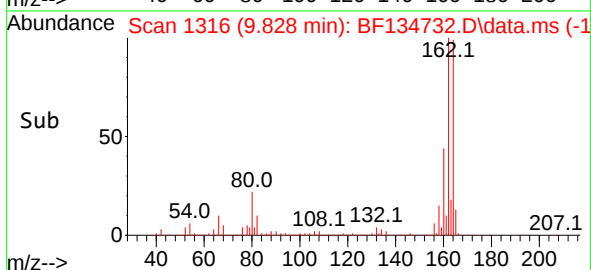
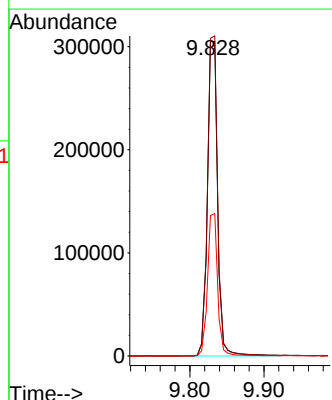
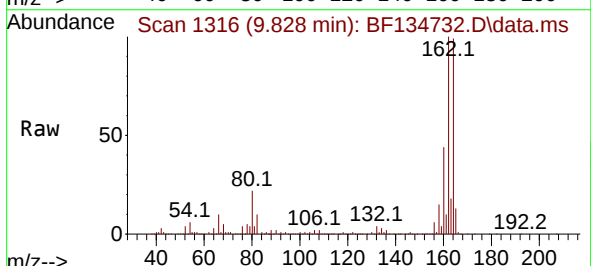
Tgt Ion: 164 Resp: 291974

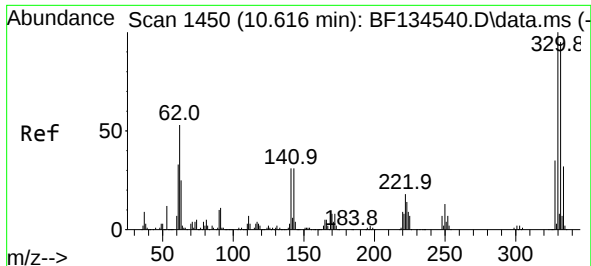
Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

160 44.6 37.2 55.8

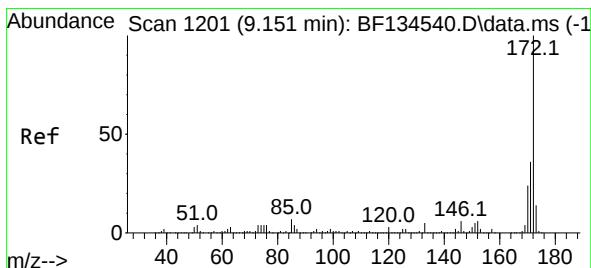
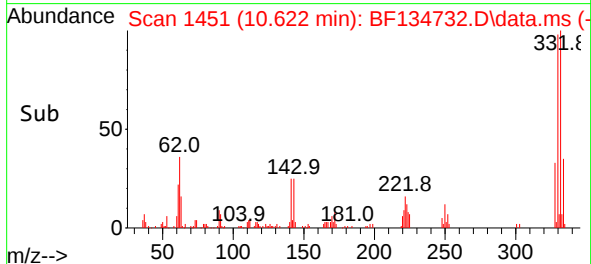
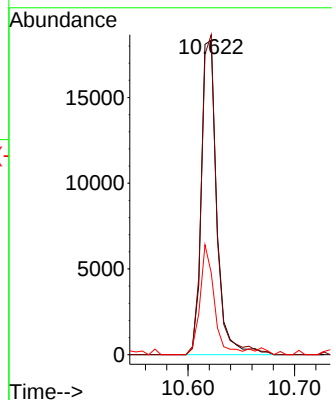
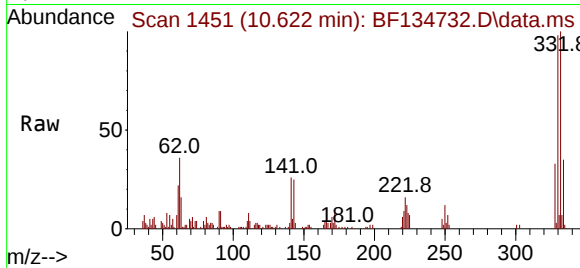




#42
2,4,6-Tribromophenol
Concen: 6.241 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

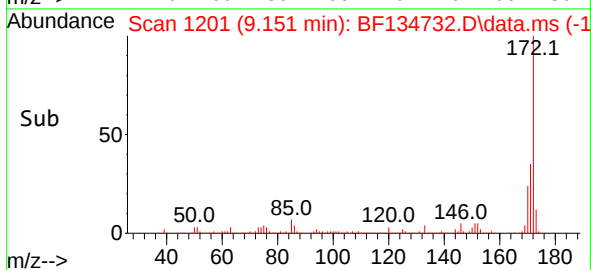
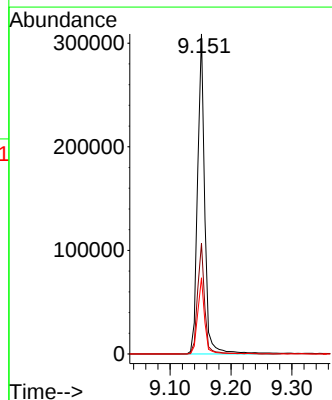
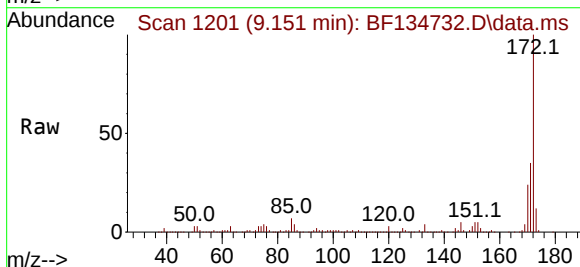
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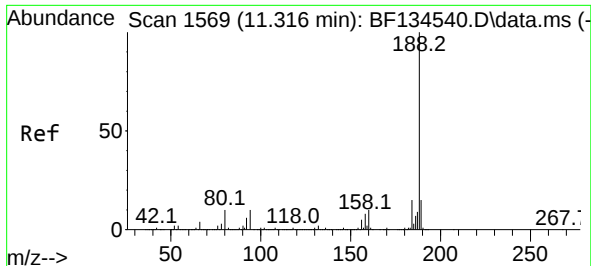
Tgt Ion: 330 Resp: 18575
Ion Ratio Lower Upper
330 100
332 99.8 78.8 118.2
141 32.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 14.385 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

Tgt Ion: 172 Resp: 252613
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.8 18.7 28.1

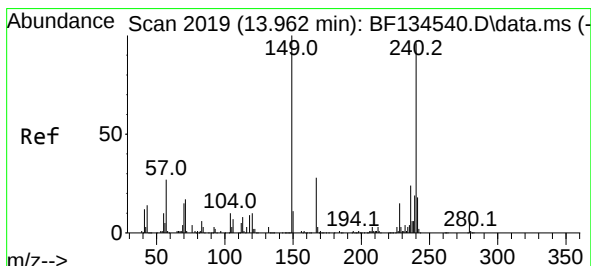
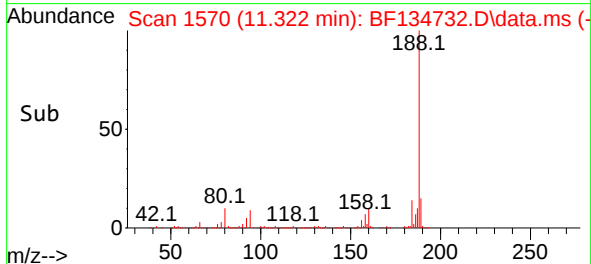
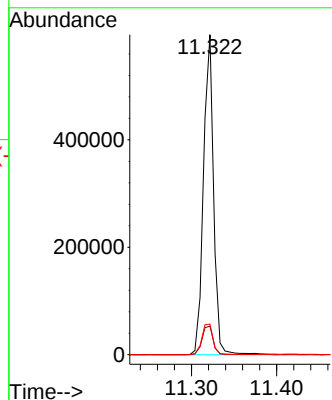
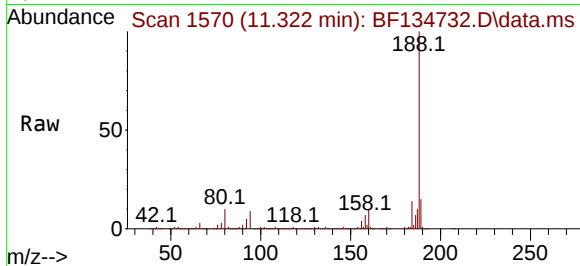




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

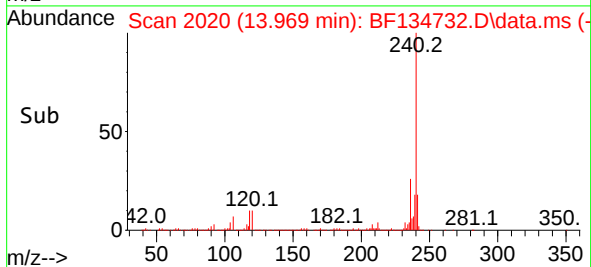
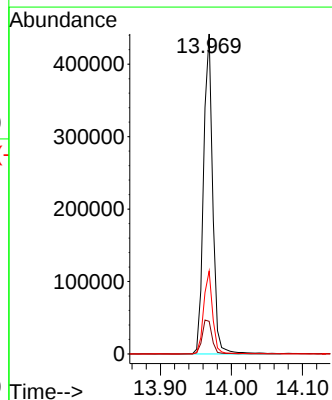
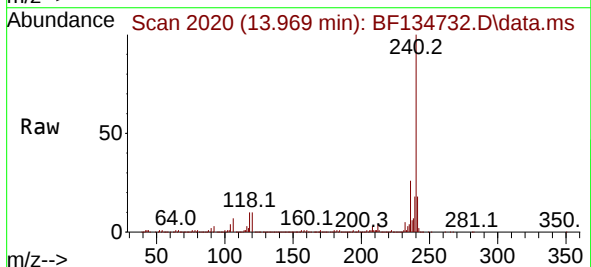
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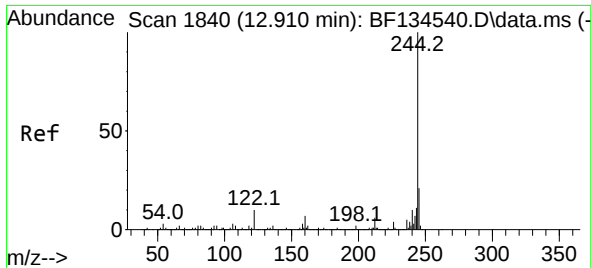
Tgt Ion:188 Resp: 490649
Ion Ratio Lower Upper
188 100
94 8.9 5.1 7.7#
80 9.6 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

Tgt Ion:240 Resp: 398411
Ion Ratio Lower Upper
240 100
120 10.2 6.6 10.0#
236 25.9 20.2 30.2

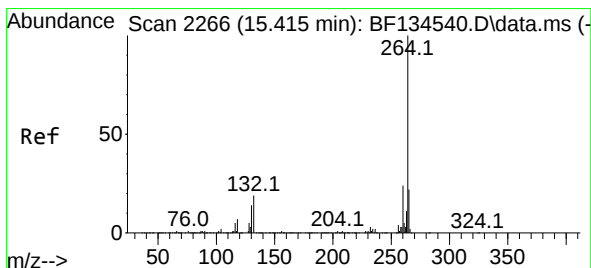
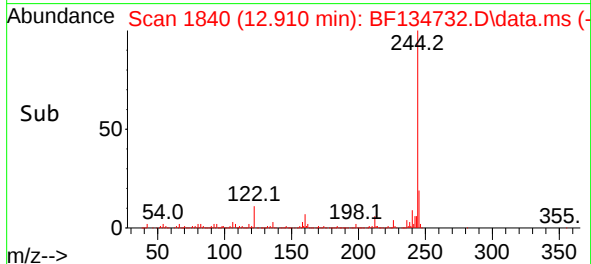
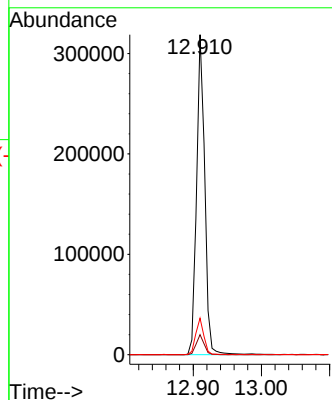
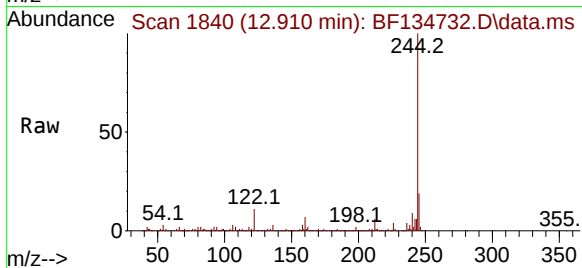




#79
 Terphenyl-d14
 Concen: 11.635 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134732.D
 Acq: 11 Aug 2023 14:58

Instrument :
 BNA_F
 ClientSampleId :
 B-PP041A

Tgt Ion:244 Resp: 262949
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 11.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF134732.D
 Acq: 11 Aug 2023 14:58

Tgt Ion:264 Resp: 298020
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.5 15.8 23.8

