

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134989.D
 Acq On : 29 Aug 2023 18:03
 Operator : CG\JU
 Sample : 04170-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAS-01RE

Quant Time: Aug 29 22:28:07 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	6.781	152	127892	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	514115	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	268753	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	485789	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	253618	20.000	ng	-0.02
86) Perylene-d12	15.433	264	266525	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	186649	23.273	ng	-0.01
7) Phenol-d6	6.416	99	227872	22.235	ng	-0.02
23) Nitrobenzene-d5	7.339	82	136736	14.656	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	68559	21.660	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	289390	16.646	ng	-0.02
79) Terphenyl-d14	12.904	244	297190	16.117	ng	-0.02

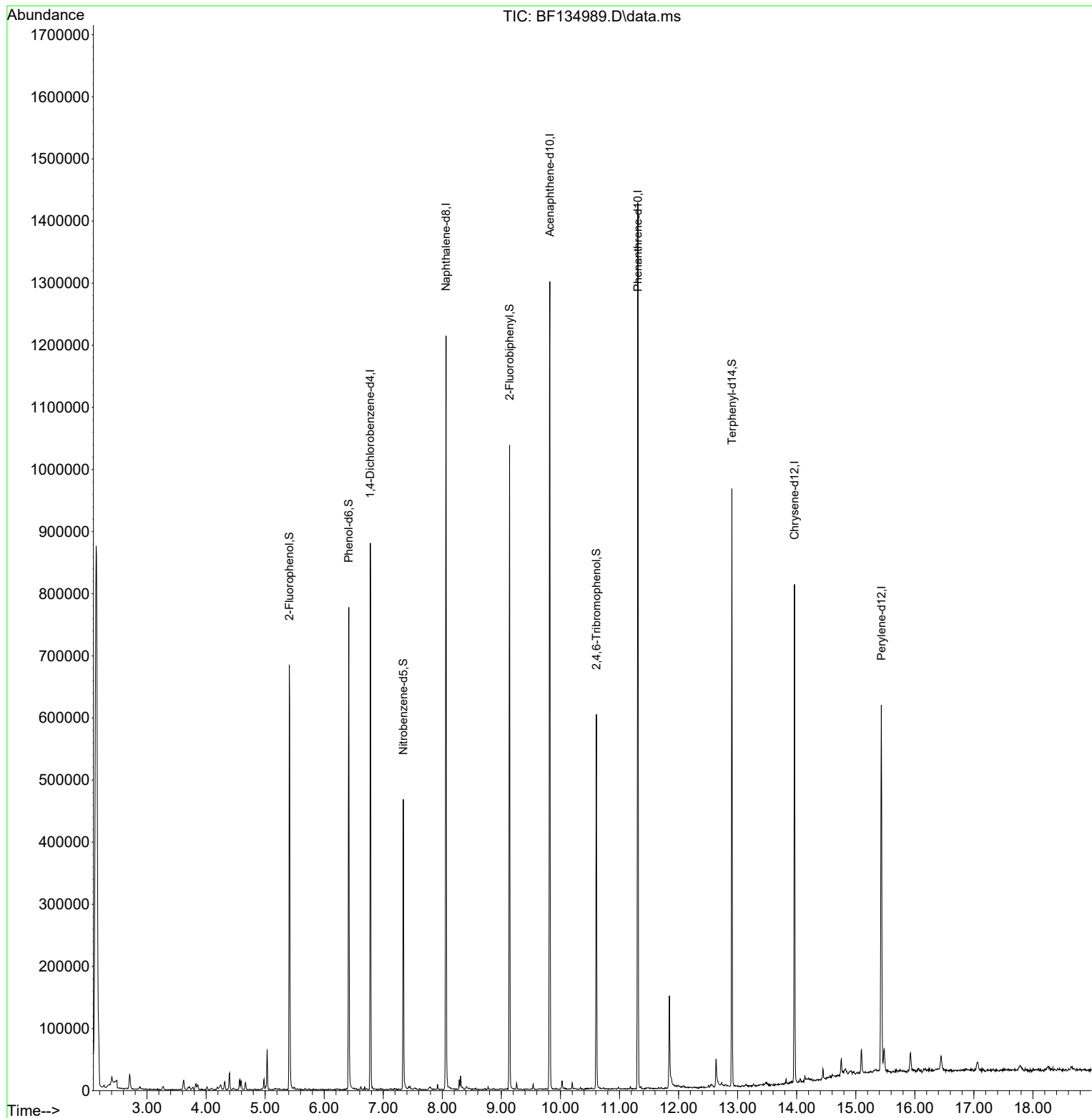
Target Compounds	Qvalue

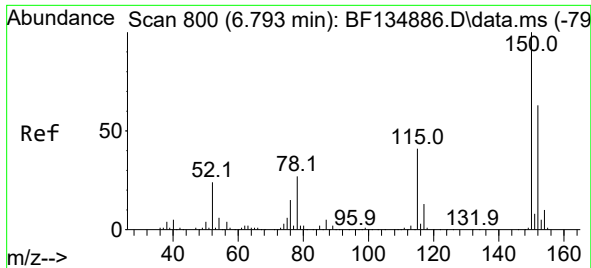
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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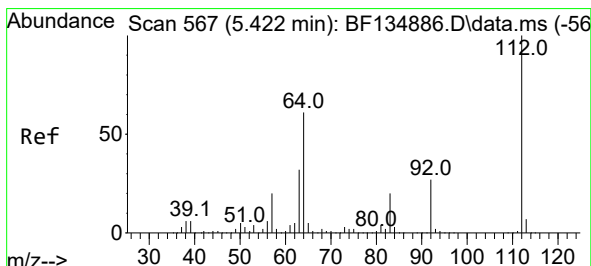
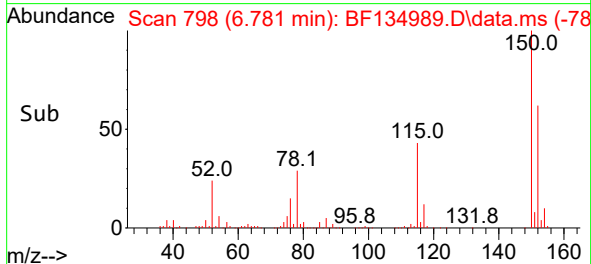
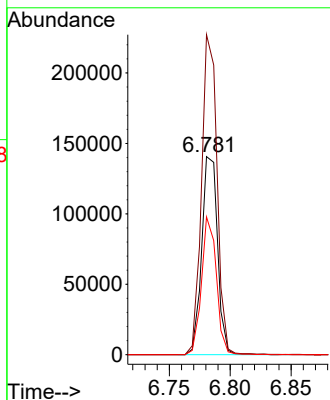
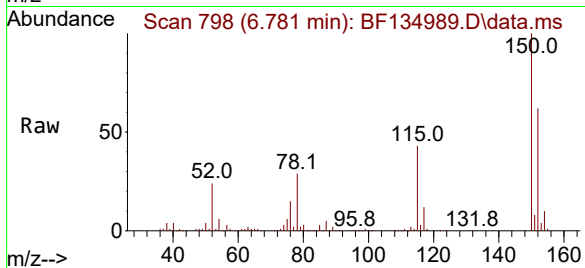




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

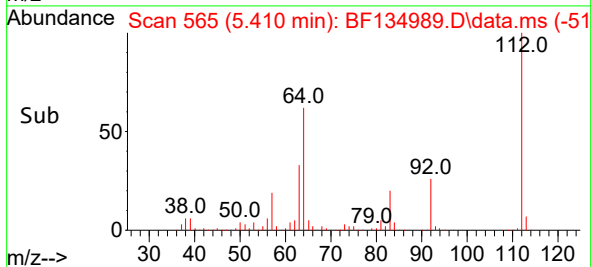
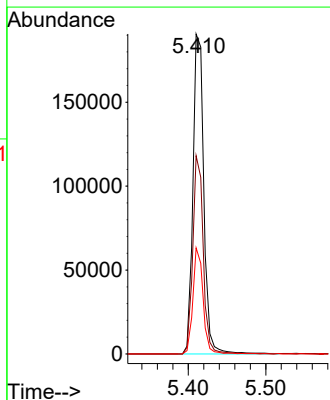
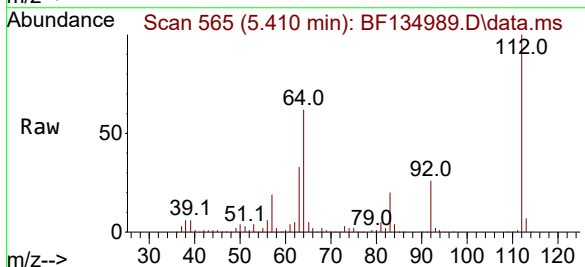
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01RE

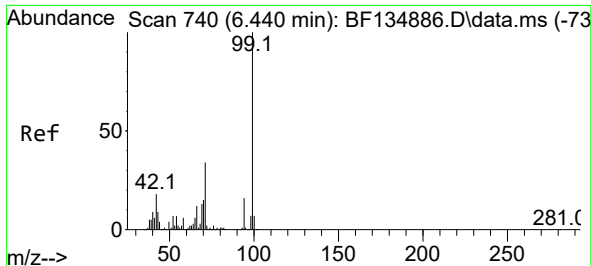
Tgt Ion:152 Resp: 127892
Ion Ratio Lower Upper
152 100
150 161.5 126.1 189.1
115 69.5 51.1 76.7



#5
2-Fluorophenol
Concen: 23.273 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

Tgt Ion:112 Resp: 186649
Ion Ratio Lower Upper
112 100
64 61.9 48.6 73.0
63 33.1 25.7 38.5

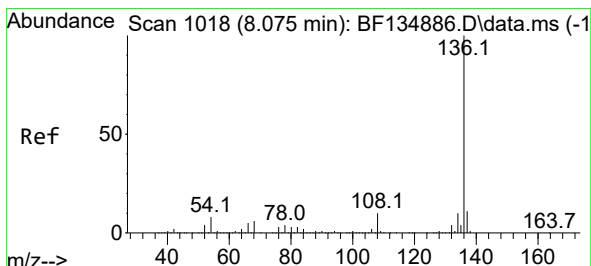
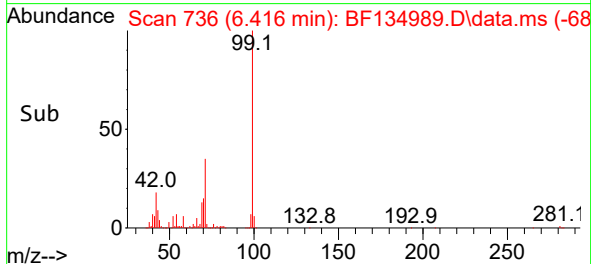
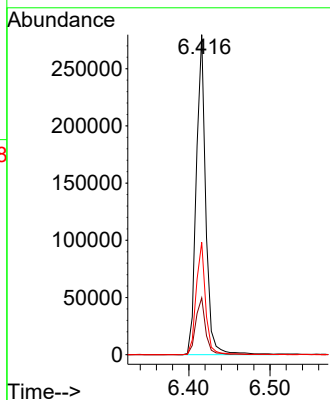
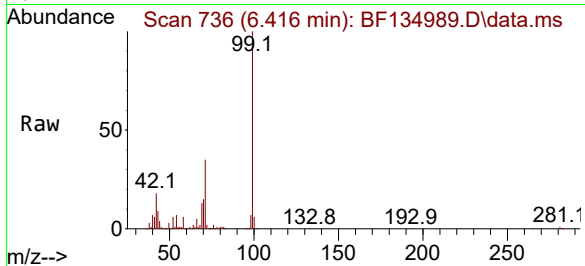




#7
Phenol-d6
Concen: 22.235 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

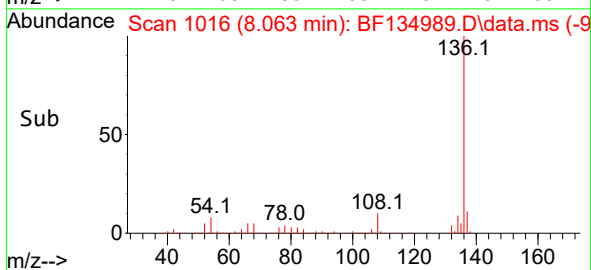
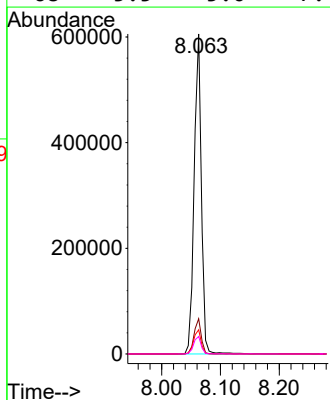
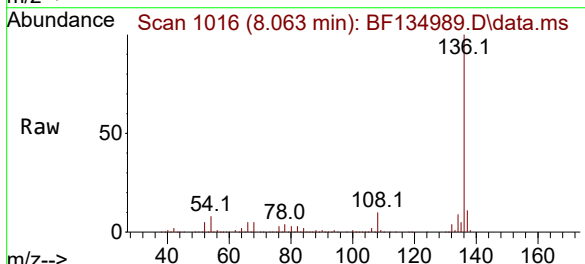
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01RE

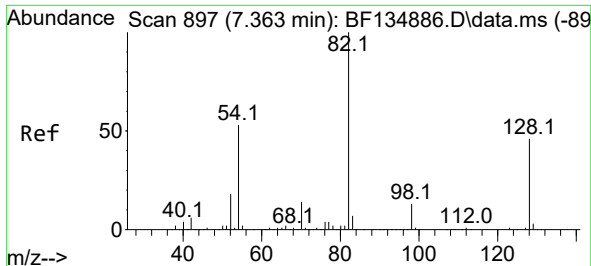
Tgt Ion: 99 Resp: 227872
Ion Ratio Lower Upper
99 100
42 17.7 14.6 22.0
71 35.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

Tgt Ion: 136 Resp: 514115
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.6 6.6 9.8
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 14.656 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.024 min

Lab File: BF134989.D

Acq: 29 Aug 2023 18:03

Instrument :

BNA_F

ClientSampleId :

WC-SCAS-01RE

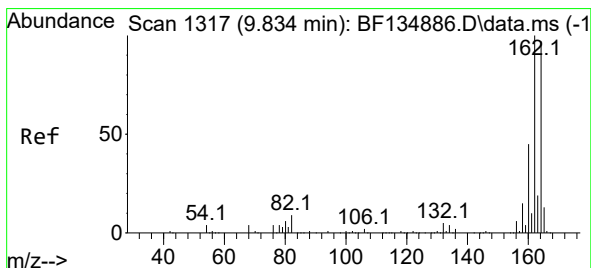
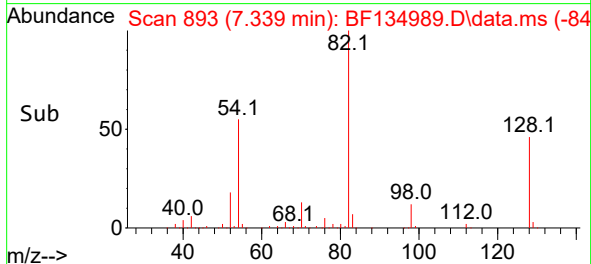
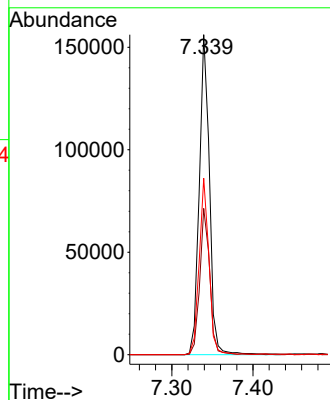
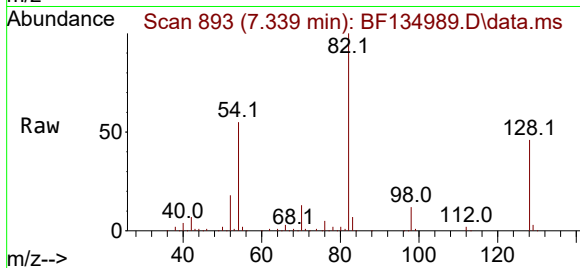
Tgt Ion: 82 Resp: 136736

Ion Ratio Lower Upper

82 100

128 45.7 36.6 54.8

54 55.2 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: BF134989.D

Acq: 29 Aug 2023 18:03

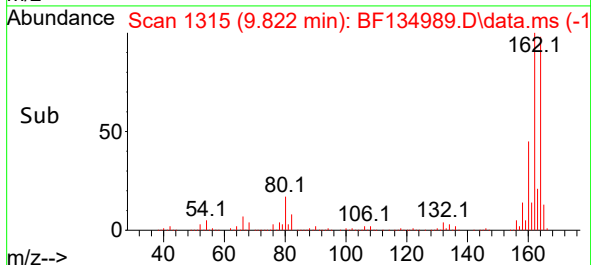
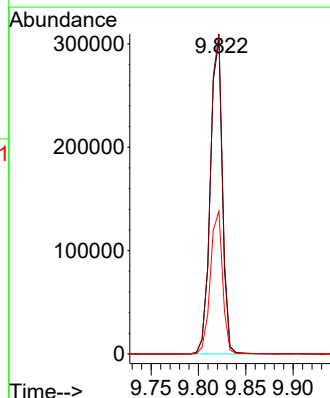
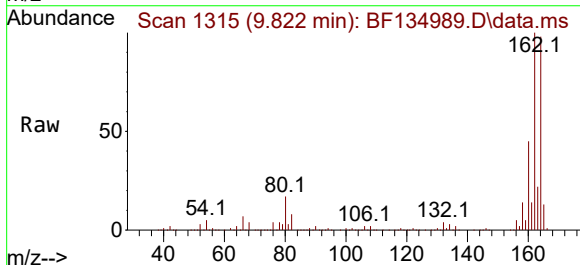
Tgt Ion:164 Resp: 268753

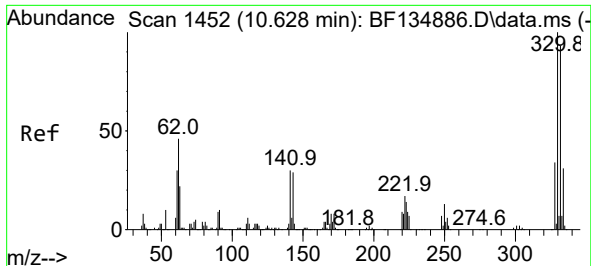
Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

160 45.4 37.0 55.4

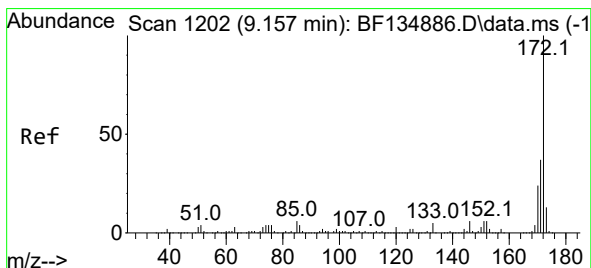
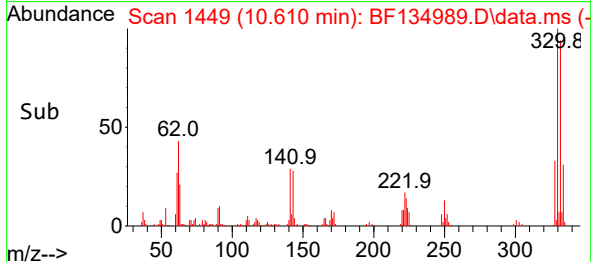
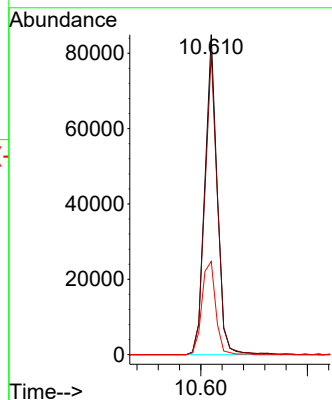
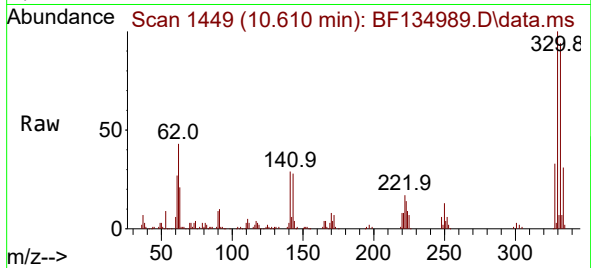




#42
2,4,6-Tribromophenol
Concen: 21.660 ng
RT: 10.610 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

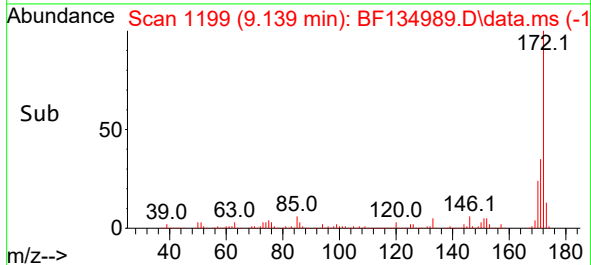
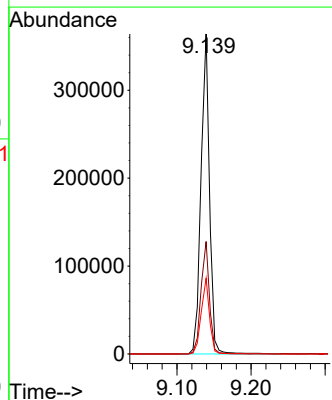
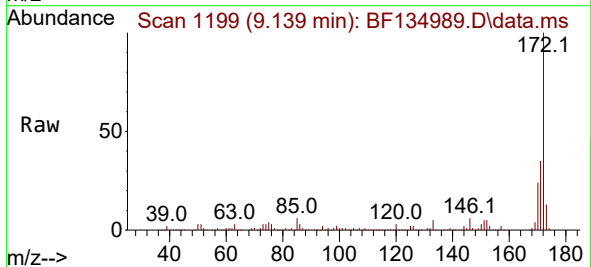
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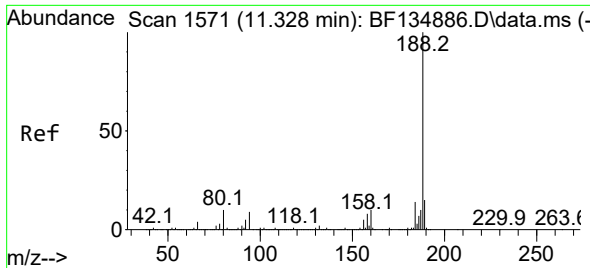
Tgt Ion:330 Resp: 68559
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 32.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 16.646 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

Tgt Ion:172 Resp: 289390
Ion Ratio Lower Upper
172 100
171 35.1 29.4 44.0
170 23.6 19.6 29.4

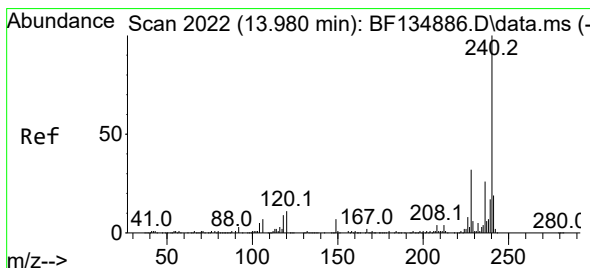
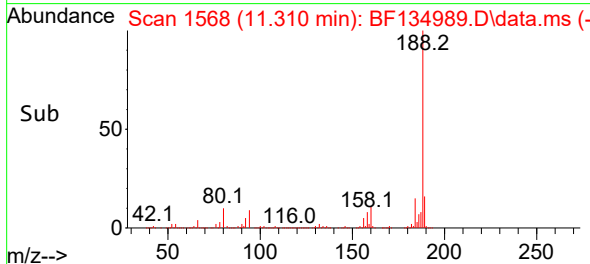
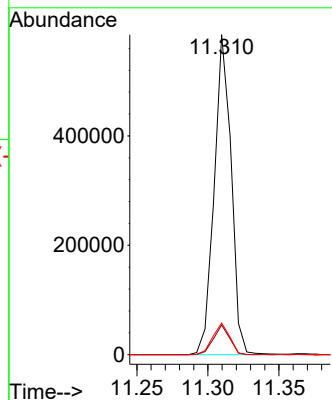
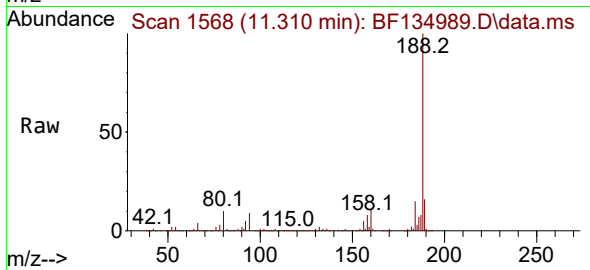




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

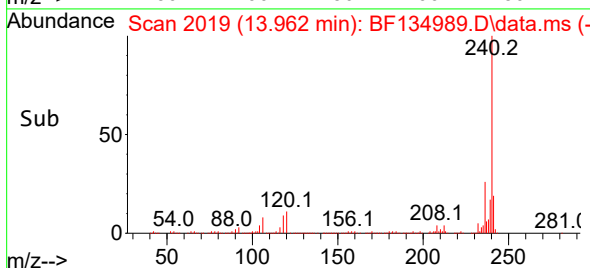
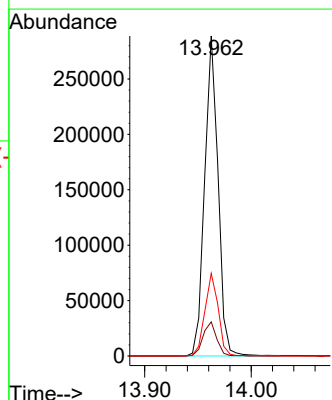
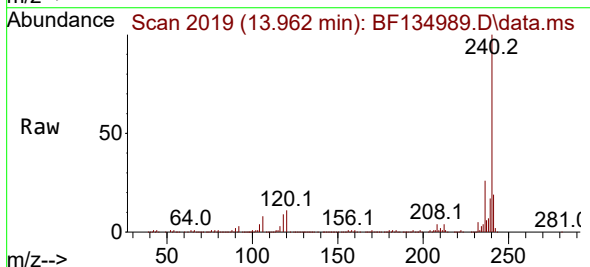
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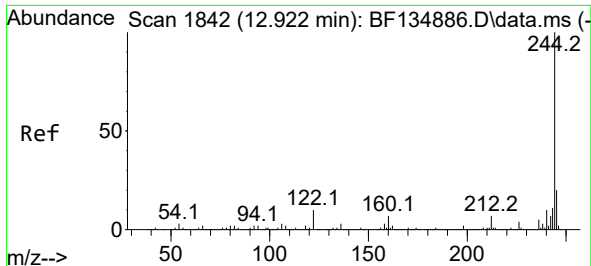
Tgt Ion:188 Resp: 485789
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.9 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

Tgt Ion:240 Resp: 253618
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.8 20.6 31.0

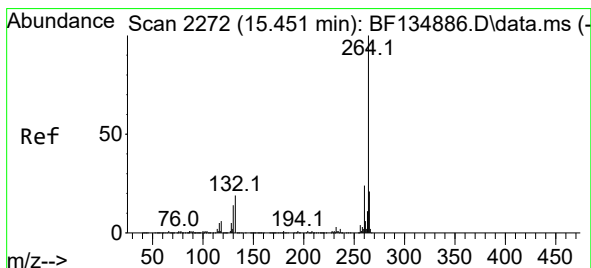
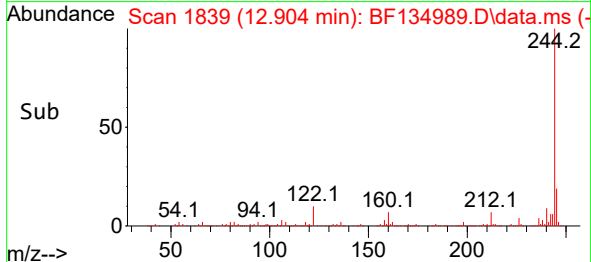
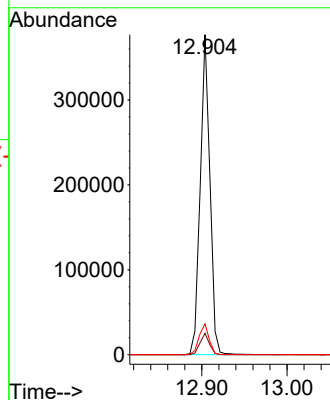
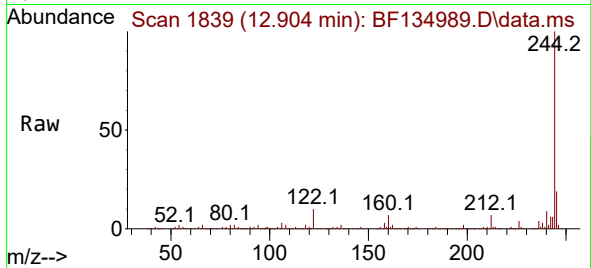




#79
 Terphenyl-d14
 Concen: 16.117 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.018 min
 Lab File: BF134989.D
 Acq: 29 Aug 2023 18:03

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 297190
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.6 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: BF134989.D
 Acq: 29 Aug 2023 18:03

Tgt Ion:264 Resp: 266525
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.8 17.1 25.7

