

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134632.D
 Acq On : 04 Aug 2023 14:52
 Operator : CG\JU
 Sample : 03887-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MCLEAN-TP6

Quant Time: Aug 05 00:06:44 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)

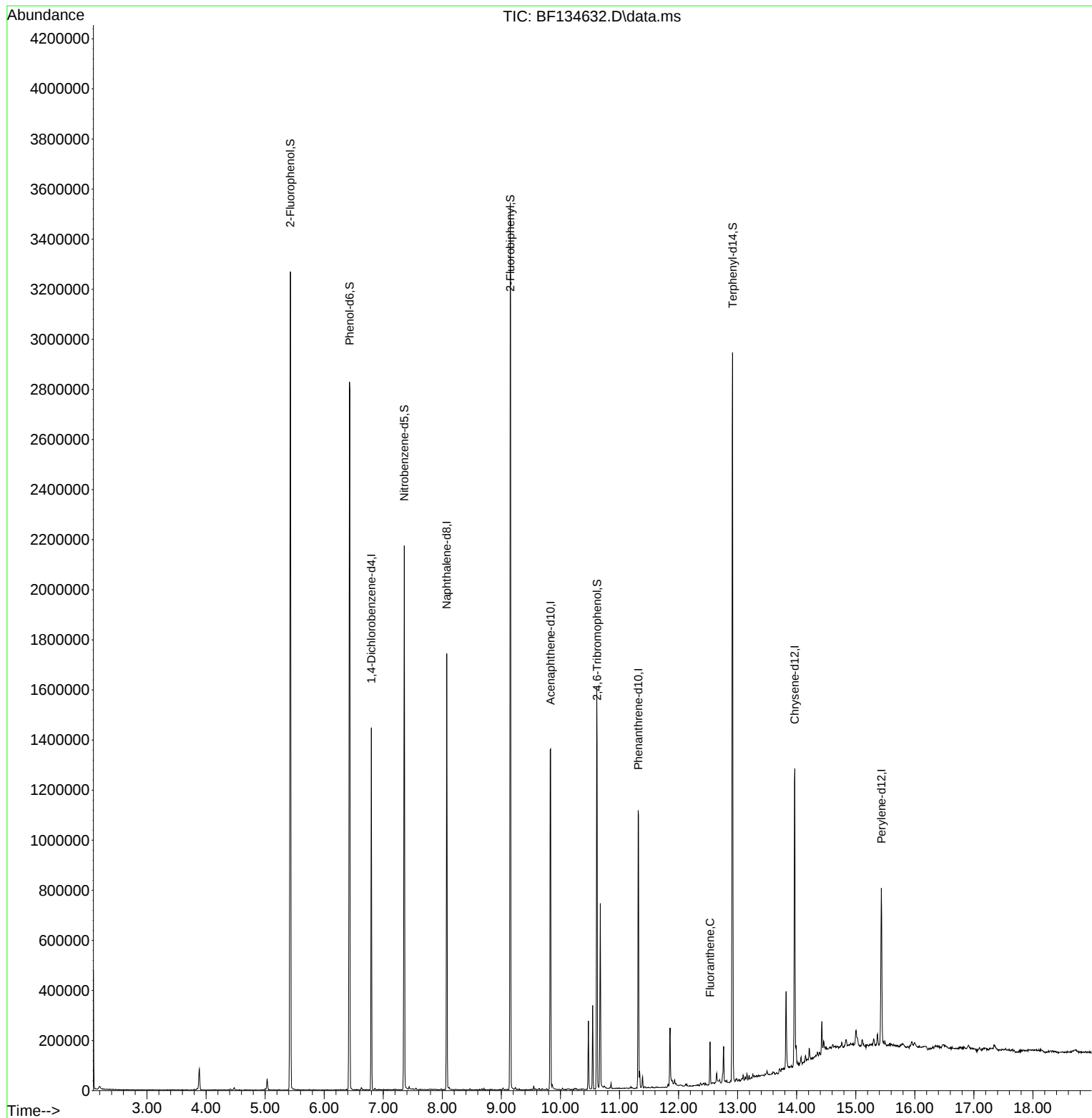
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	181781	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	680093	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	283889	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	421080	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	407542	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	294347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	871921	72.912	ng	0.00
7) Phenol-d6	6.434	99	1091780	71.421	ng	0.00
23) Nitrobenzene-d5	7.357	82	637641	58.592	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	191331	66.113	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1100534	64.457	ng	-0.01
79) Terphenyl-d14	12.916	244	1025902	44.376	ng	0.00
Target Compounds						
75) Fluoranthene	12.533	202	60999	2.582	ng	Qvalue 96

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

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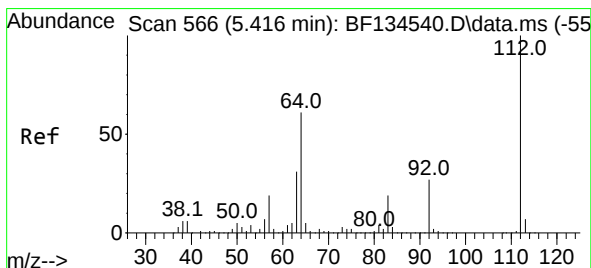
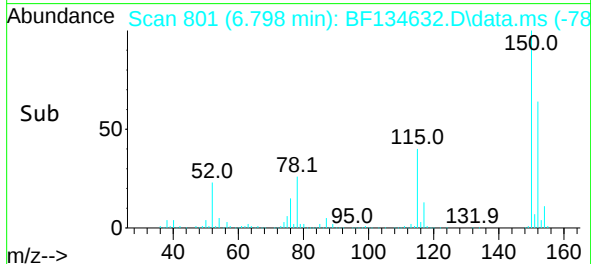
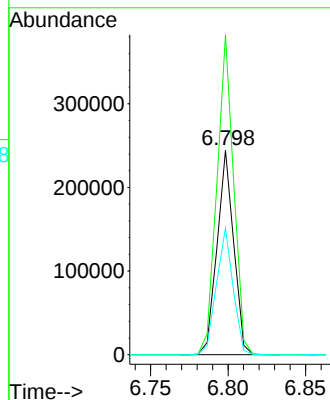
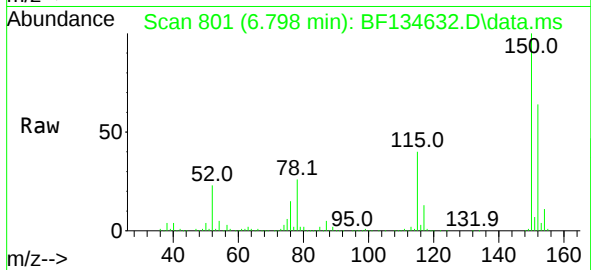




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134632.D
 Acq: 04 Aug 2023 14:52

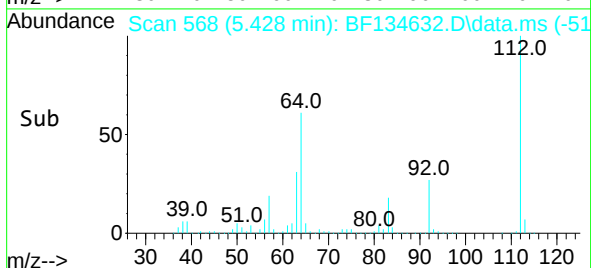
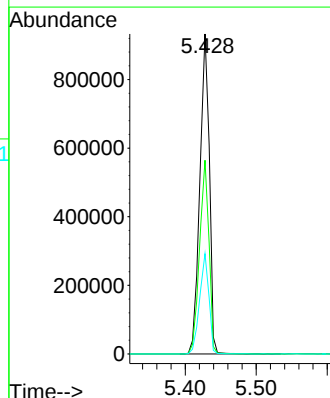
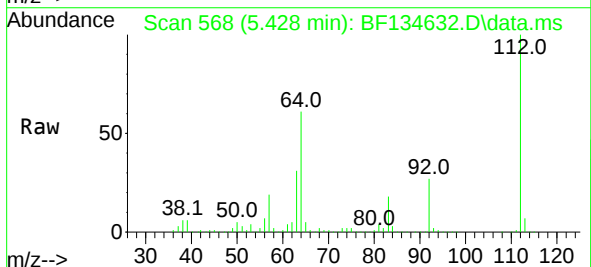
Instrument :
 BNA_F
 ClientSampleId :
 MCLEAN-TP6

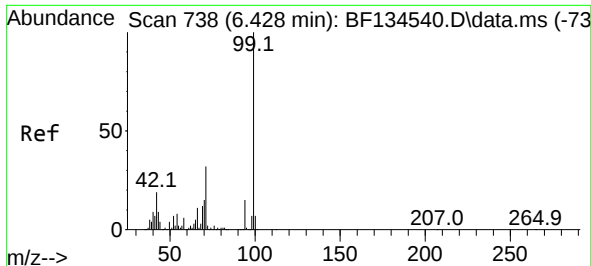
Tgt Ion:152 Resp: 181781
 Ion Ratio Lower Upper
 152 100
 150 156.5 128.3 192.5
 115 61.9 52.4 78.6



#5
 2-Fluorophenol
 Concen: 72.912 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF134632.D
 Acq: 04 Aug 2023 14:52

Tgt Ion:112 Resp: 871921
 Ion Ratio Lower Upper
 112 100
 64 60.5 44.9 67.3
 63 31.3 25.4 38.0

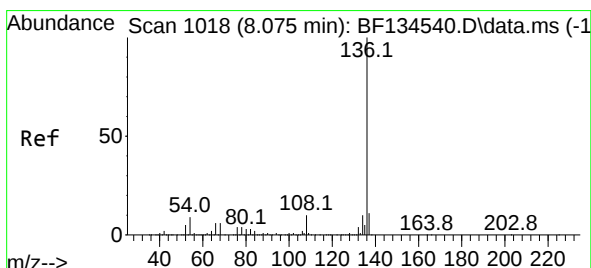
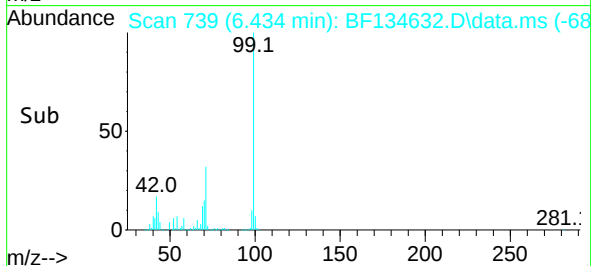
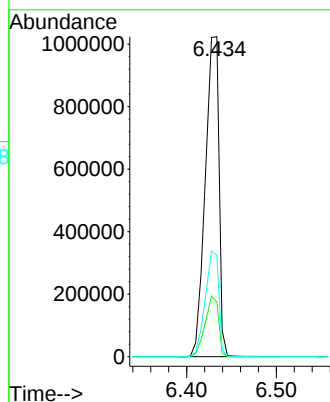
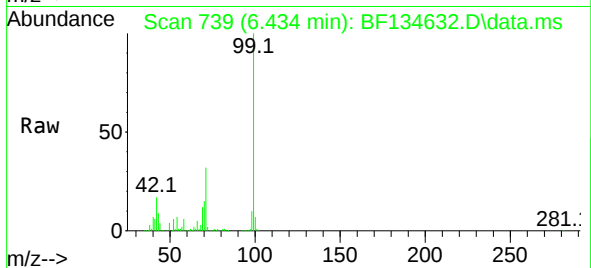




#7
Phenol-d6
Concen: 71.421 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

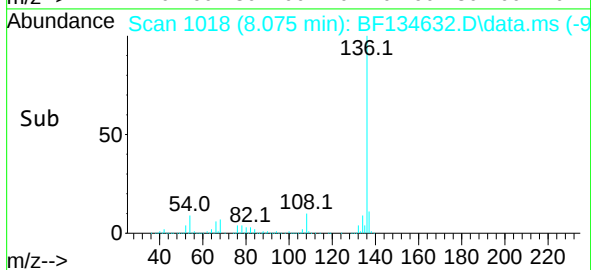
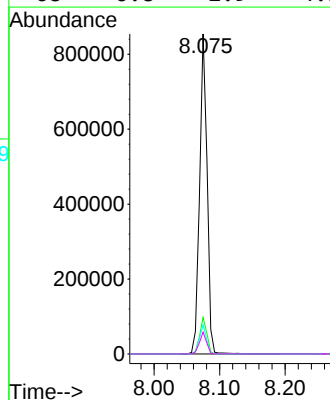
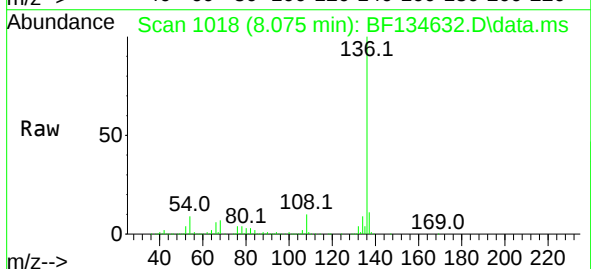
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP6

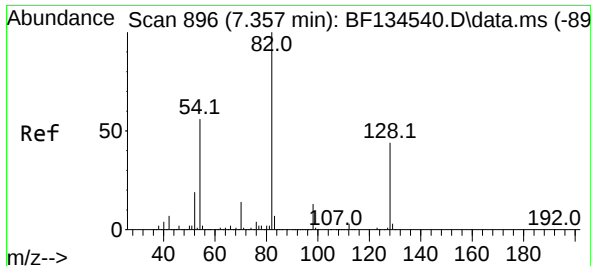
Tgt Ion: 99 Resp: 1091780
Ion Ratio Lower Upper
99 100
42 17.0 18.7 28.1#
71 31.6 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion: 136 Resp: 680093
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.1 5.2 7.8#
68 6.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 58.592 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134632.D

Acq: 04 Aug 2023 14:52

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP6

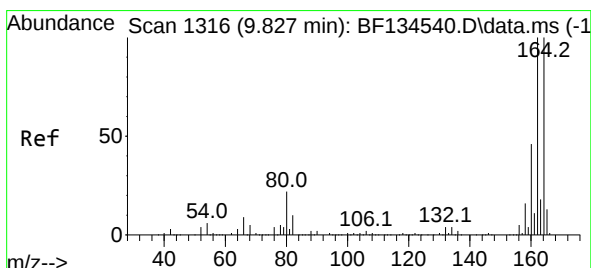
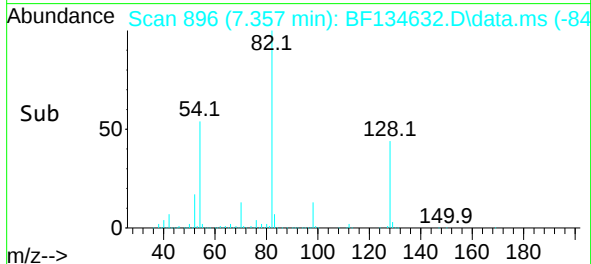
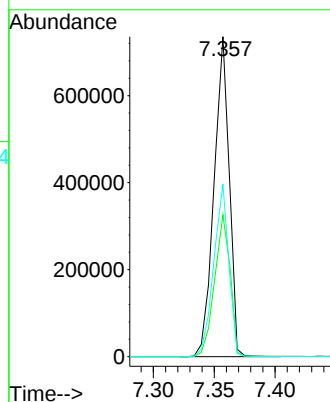
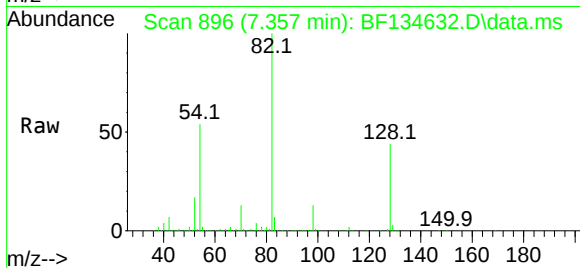
Tgt Ion: 82 Resp: 637641

Ion Ratio Lower Upper

82 100

128 44.3 34.3 51.5

54 53.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134632.D

Acq: 04 Aug 2023 14:52

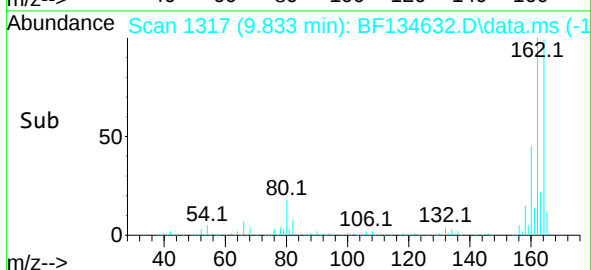
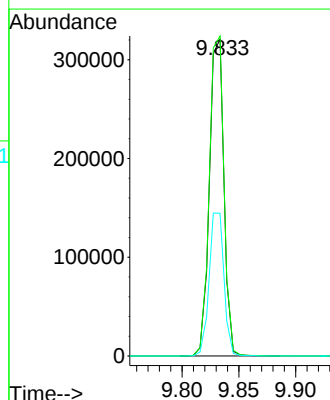
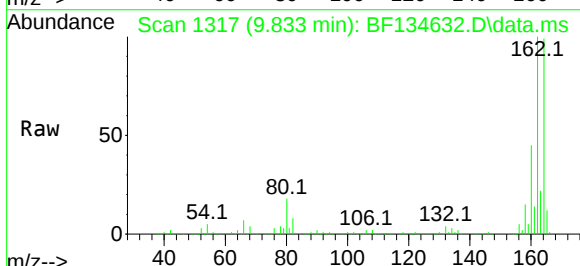
Tgt Ion: 164 Resp: 283889

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

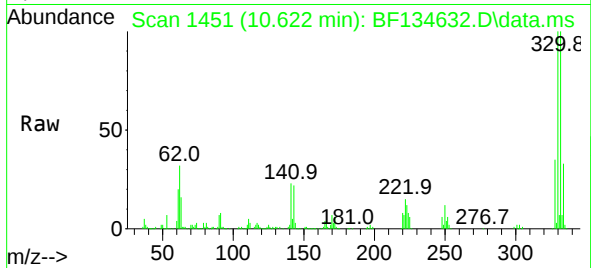
160 45.1 37.2 55.8



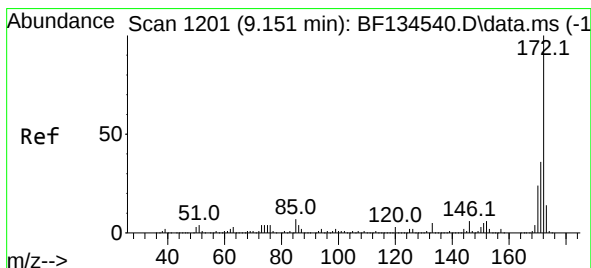
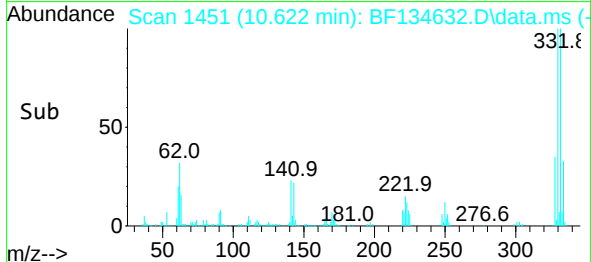
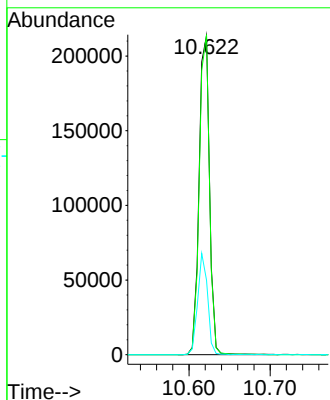


#42
2,4,6-Tribromophenol
Concen: 66.113 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP6

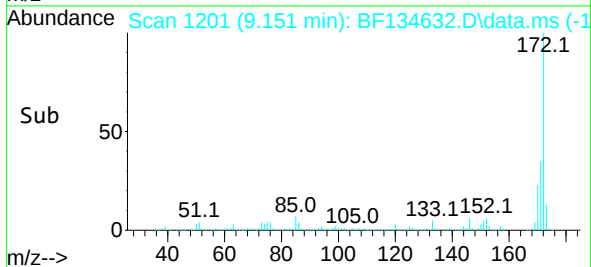
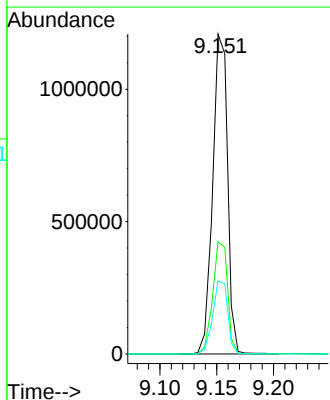
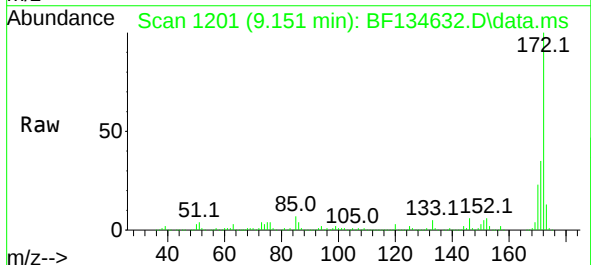


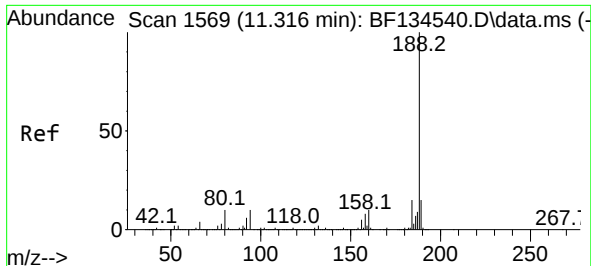
Tgt Ion: 330 Resp: 191331
Ion Ratio Lower Upper
330 100
332 97.4 78.8 118.2
141 30.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 64.457 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion: 172 Resp: 1100534
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.9 18.7 28.1

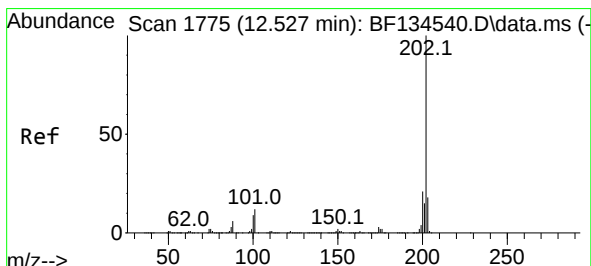
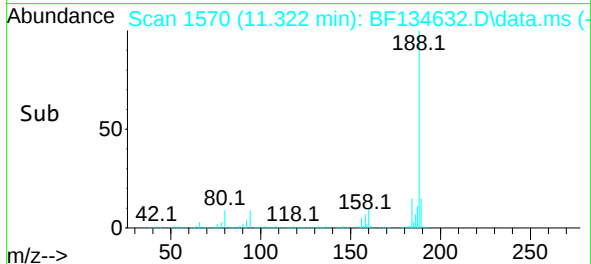
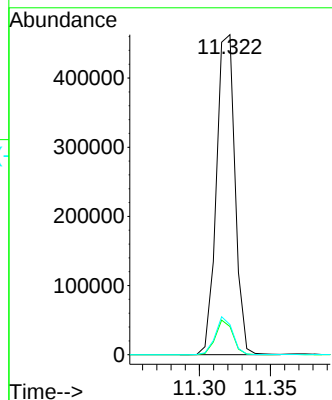
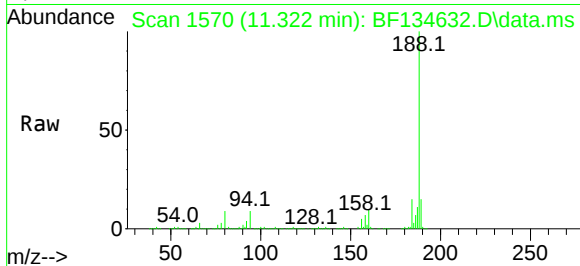




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11322
Delta R.T. 0.000 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

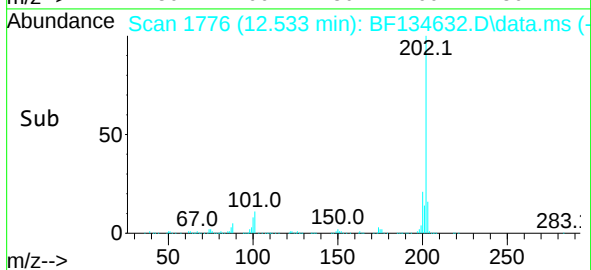
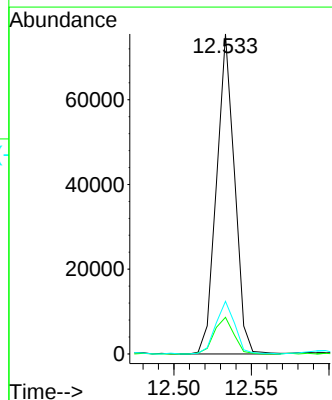
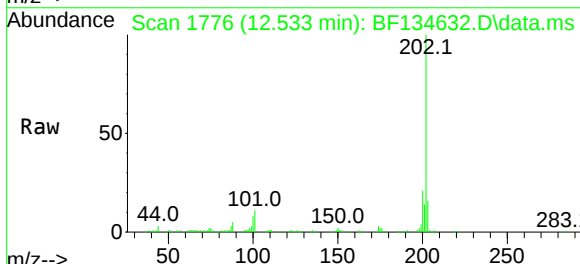
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BNA_F
ClientSampleId :
MCLEAN-TP6

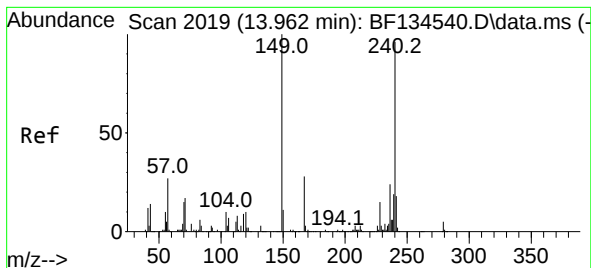
Tgt Ion:188 Resp: 421080
Ion Ratio Lower Upper
188 100
94 8.8 5.1 7.7#
80 9.4 6.6 9.8



#75
Fluoranthene
Concen: 2.582 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion:202 Resp: 60999
Ion Ratio Lower Upper
202 100
101 11.5 0.0 28.5
203 16.4 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134632.D

Acq: 04 Aug 2023 14:52

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP6

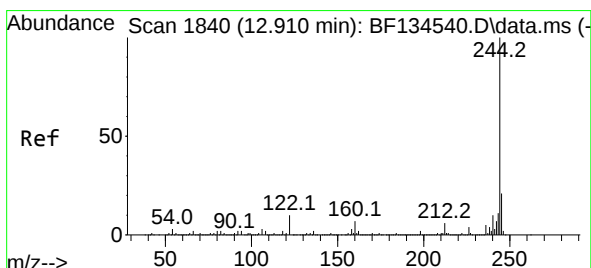
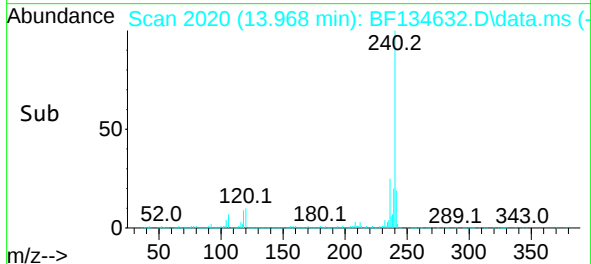
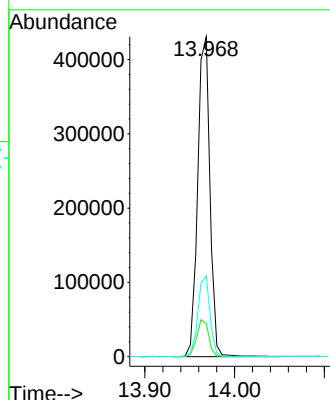
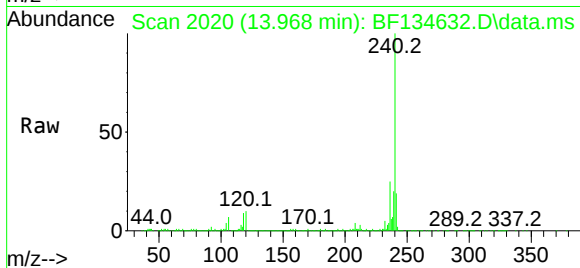
Tgt Ion:240 Resp: 407542

Ion Ratio Lower Upper

240 100

120 10.4 6.6 10.0#

236 25.2 20.2 30.2



#79

Terphenyl-d14

Concen: 44.376 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134632.D

Acq: 04 Aug 2023 14:52

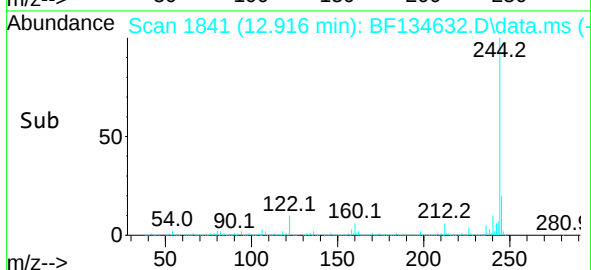
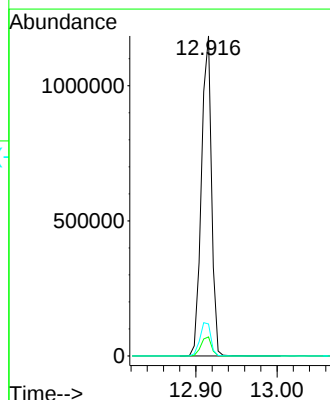
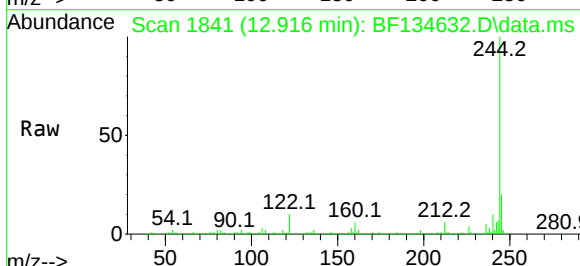
Tgt Ion:244 Resp: 1025902

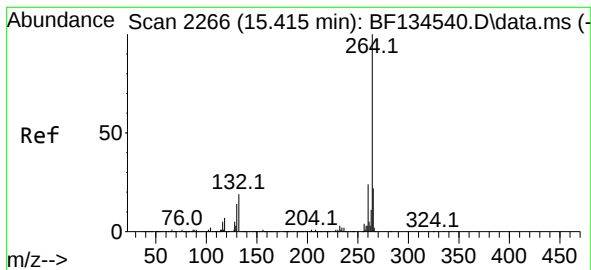
Ion Ratio Lower Upper

244 100

212 5.9 5.6 8.4

122 10.0 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134632.D

Acq: 04 Aug 2023 14:52

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 294347

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.1 15.8 23.8

