

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134443.D
 Acq On : 24 Jul 2023 22:50
 Operator : CG\JU
 Sample : 03652-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP19

Quant Time: Jul 25 02:54:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

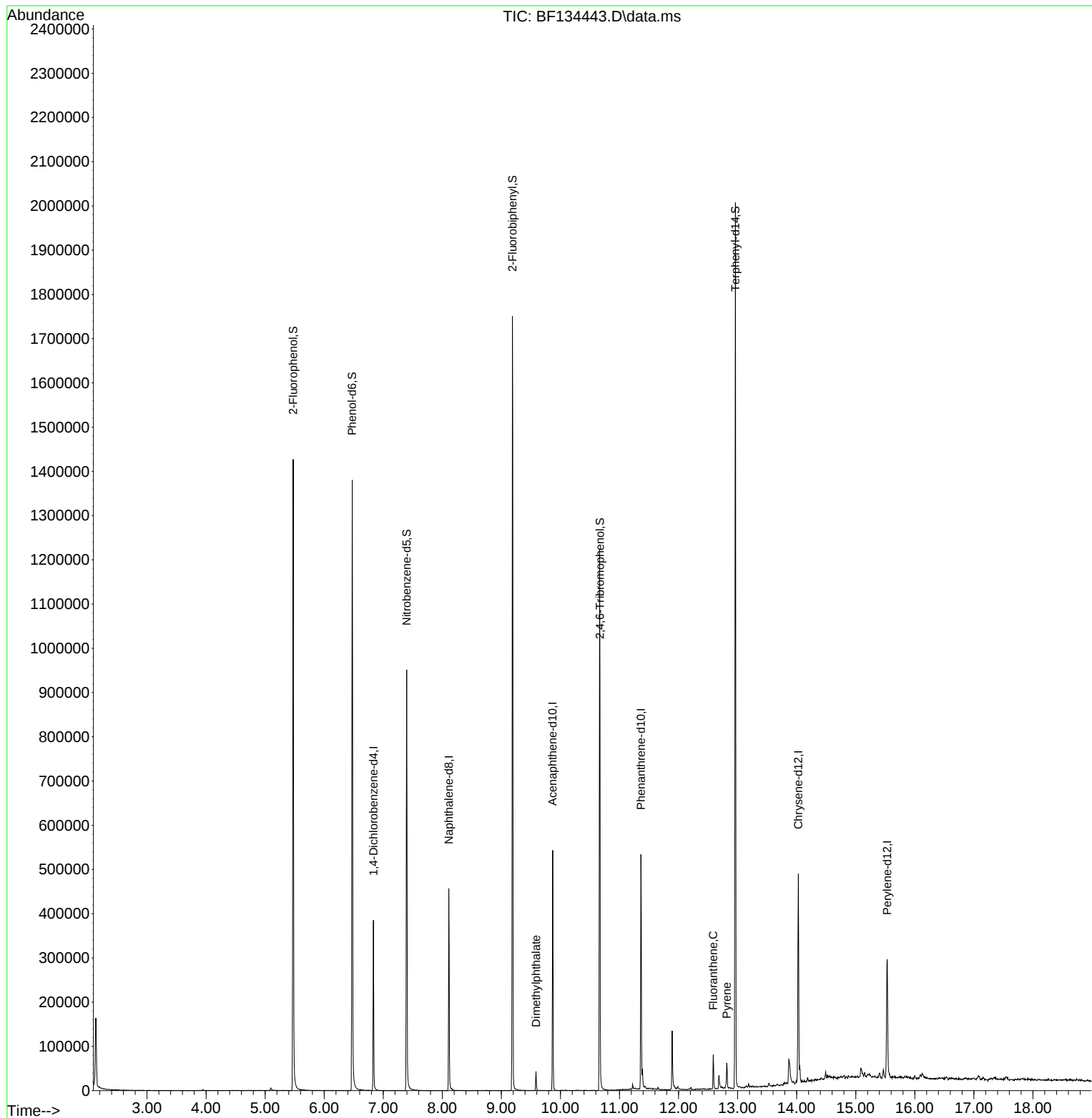
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	49974	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	195123	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	94722	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	192112	20.000	ng	0.00
76) Chrysene-d12	14.027	240	148930	20.000	ng	0.00
86) Perylene-d12	15.533	264	136230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	351175	116.102	ng	0.00
7) Phenol-d6	6.475	99	409989	110.632	ng	0.00
23) Nitrobenzene-d5	7.398	82	278165	72.127	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	149576	111.140	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	524161	72.646	ng	0.00
79) Terphenyl-d14	12.963	244	655823	76.871	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.586	163	16895	2.406	ng	# 98
75) Fluoranthene	12.586	202	30083	2.572	ng	99
78) Pyrene	12.816	202	25662	2.167	ng	99

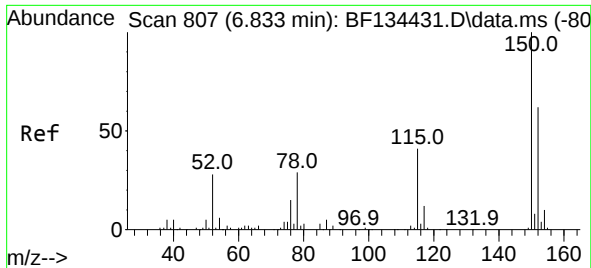
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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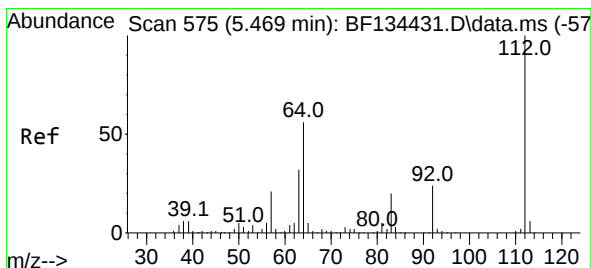
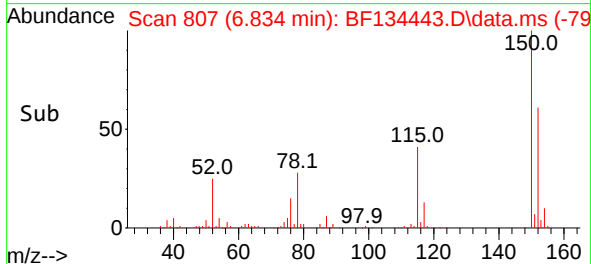
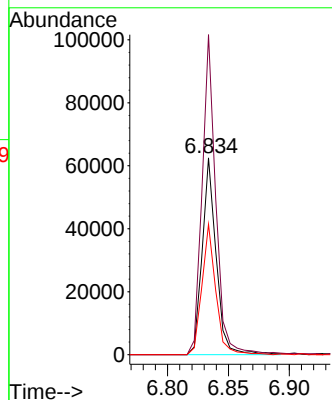
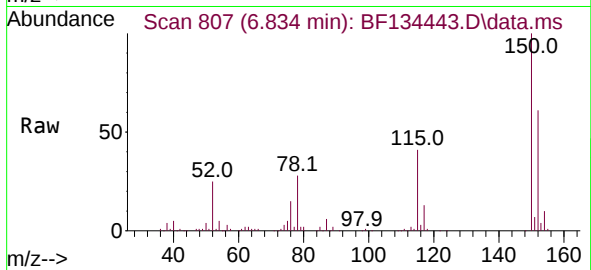




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 807
 Delta R.T. 0.001 min
 Lab File: BF134443.D
 Acq: 24 Jul 2023 22:50

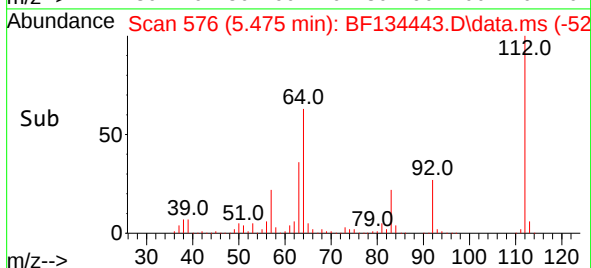
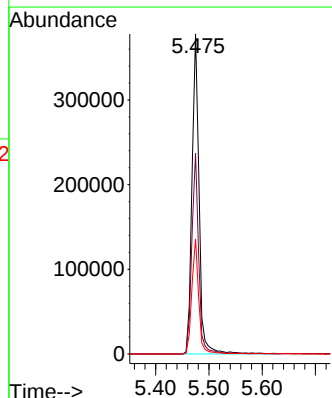
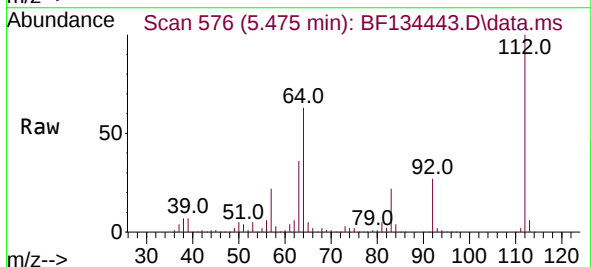
Instrument :
 BNA_F
 ClientSampleId :
 TP19

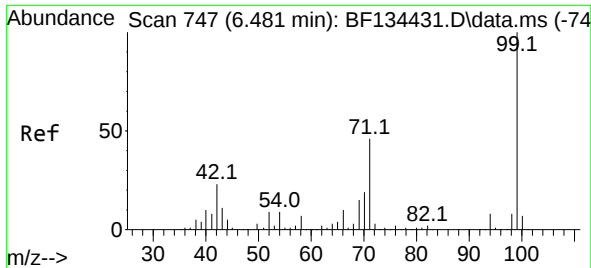
Tgt Ion:152 Resp: 49974
 Ion Ratio Lower Upper
 152 100
 150 162.6 128.3 192.5
 115 66.3 52.4 78.6



#5
 2-Fluorophenol
 Concen: 116.102 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.006 min
 Lab File: BF134443.D
 Acq: 24 Jul 2023 22:50

Tgt Ion:112 Resp: 351175
 Ion Ratio Lower Upper
 112 100
 64 62.7 44.9 67.3
 63 35.9 25.4 38.0

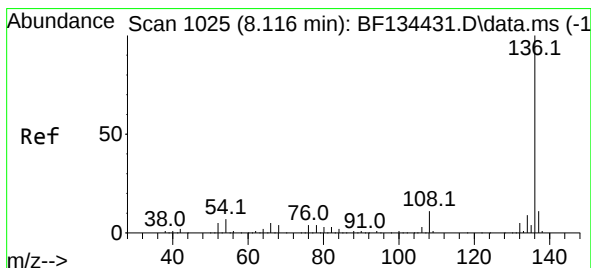
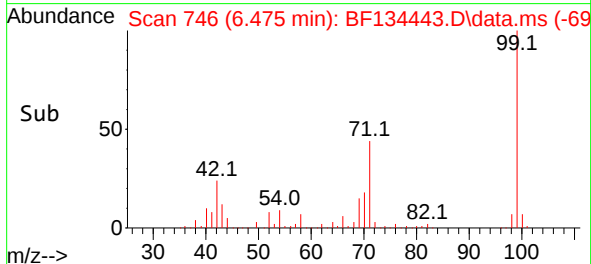
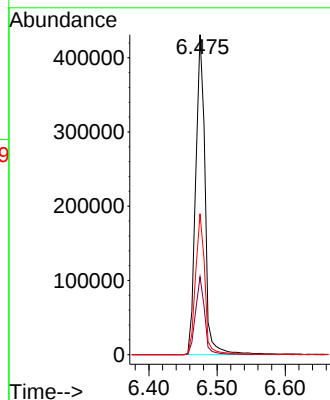
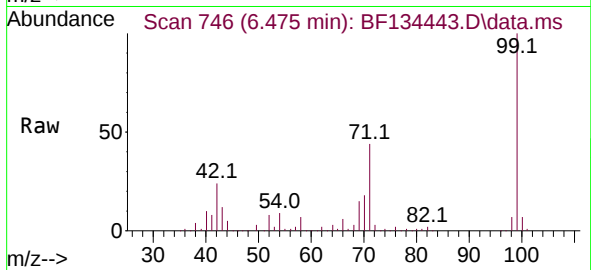




#7
Phenol-d6
Concen: 110.632 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

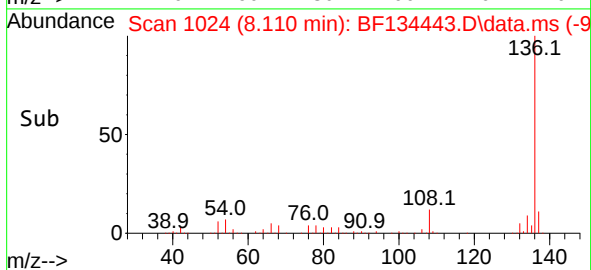
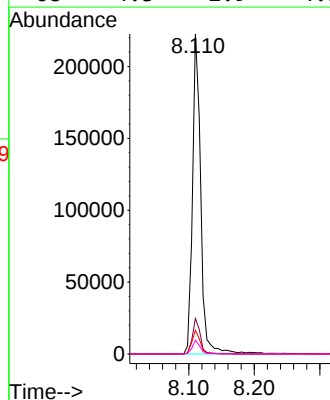
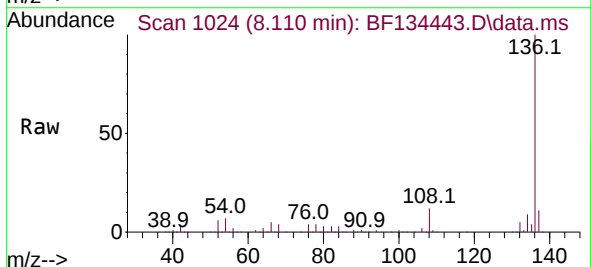
Instrument :
BNA_F
ClientSampleId :
TP19

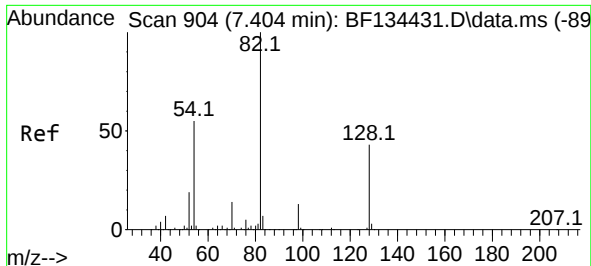
Tgt Ion: 99 Resp: 409989
Ion Ratio Lower Upper
99 100
42 24.4 18.7 28.1
71 44.0 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Tgt Ion: 136 Resp: 195123
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.4 5.2 7.8
68 4.3 2.9 4.3





#23

Nitrobenzene-d5

Concen: 72.127 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134443.D

Acq: 24 Jul 2023 22:50

Instrument :

BNA_F

ClientSampleId :

TP19

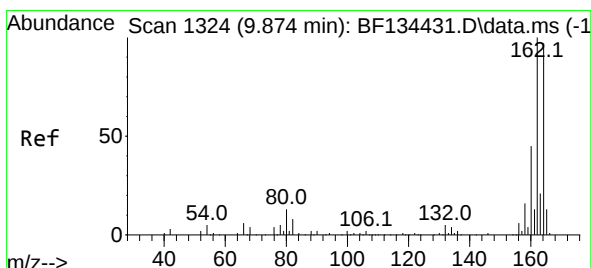
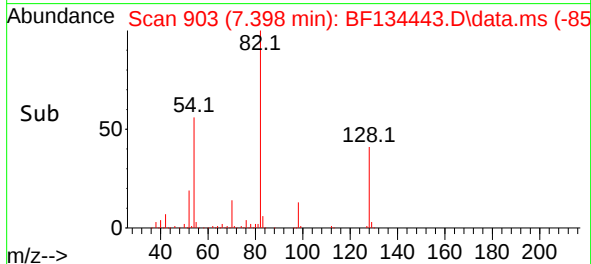
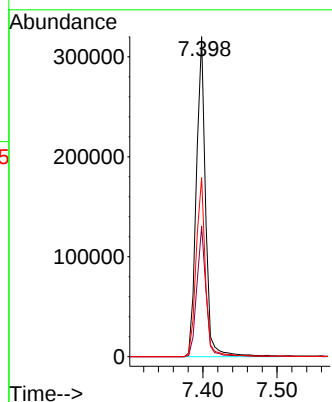
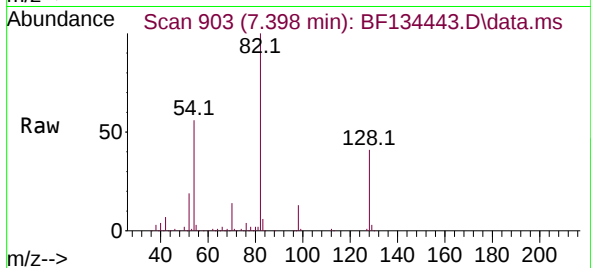
Tgt Ion: 82 Resp: 278165

Ion Ratio Lower Upper

82 100

128 40.7 34.3 51.5

54 56.0 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF134443.D

Acq: 24 Jul 2023 22:50

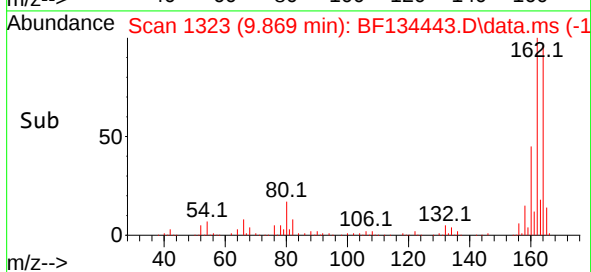
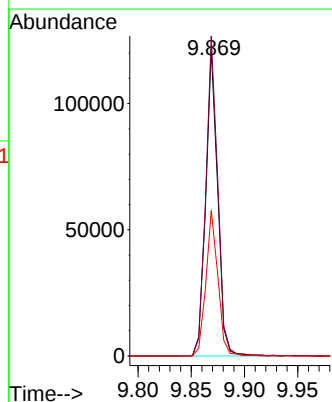
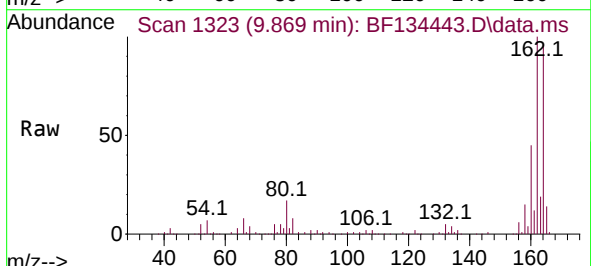
Tgt Ion: 164 Resp: 94722

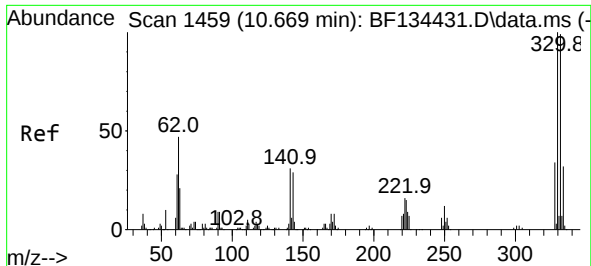
Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

160 47.3 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 111.140 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF134443.D

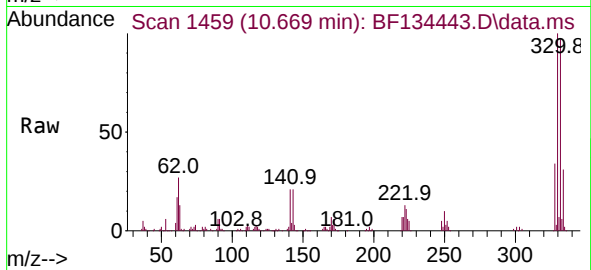
Acq: 24 Jul 2023 22:50

Instrument :

BNA_F

ClientSampleId :

TP19



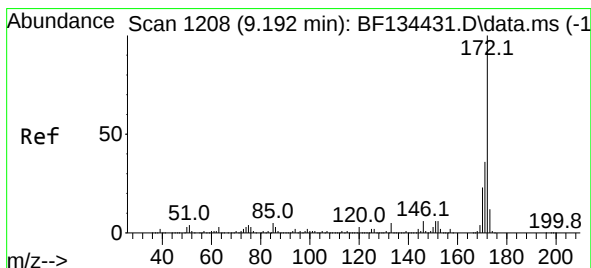
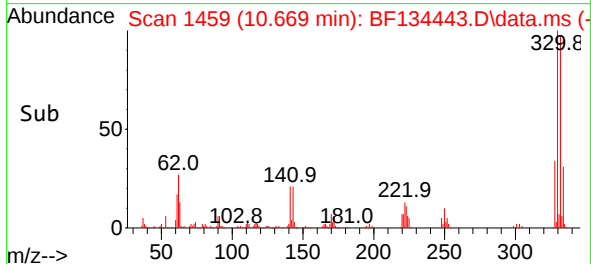
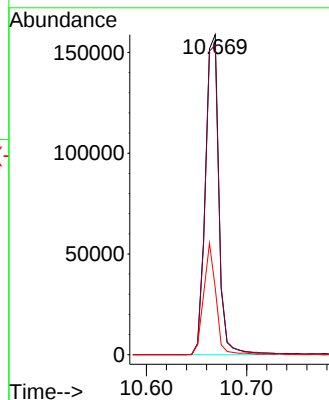
Tgt Ion:330 Resp: 149576

Ion Ratio Lower Upper

330 100

332 99.2 78.8 118.2

141 31.6 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 72.646 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134443.D

Acq: 24 Jul 2023 22:50

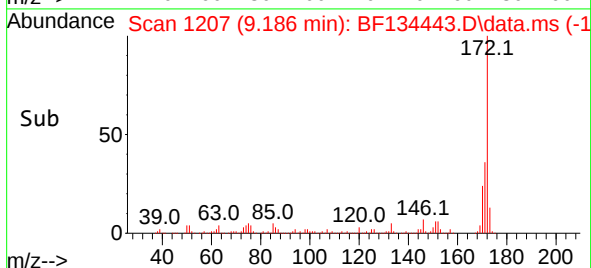
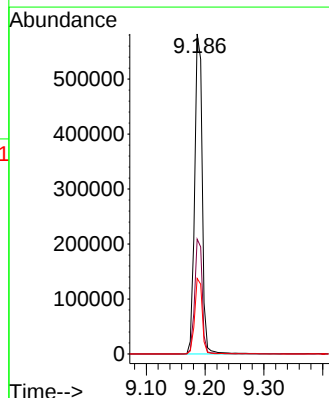
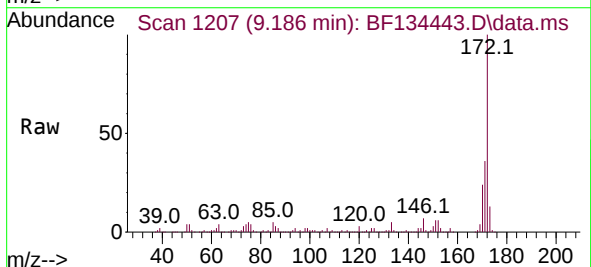
Tgt Ion:172 Resp: 524161

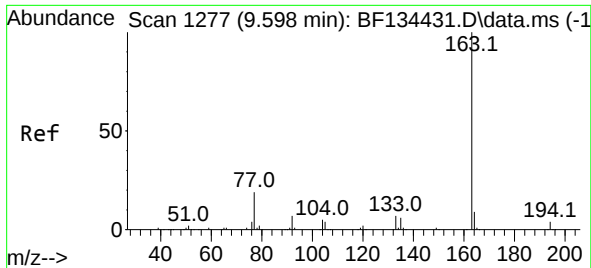
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.6 18.7 28.1

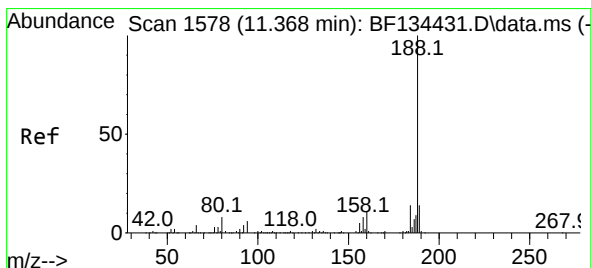
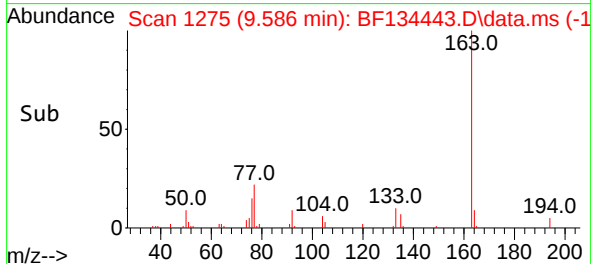
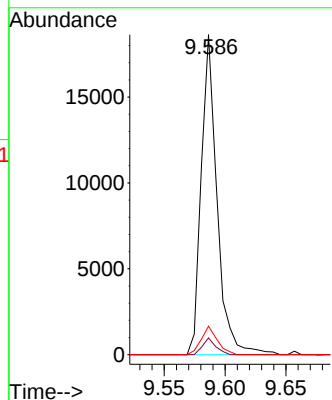
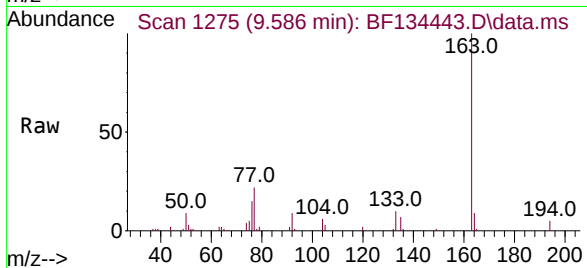




#50
Dimethylphthalate
Concen: 2.406 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

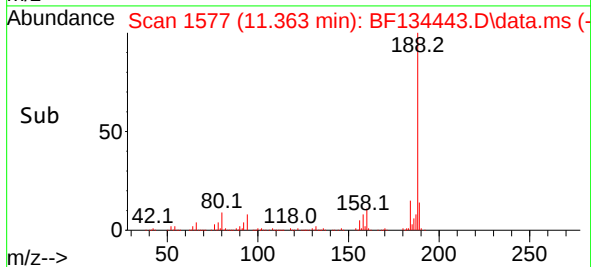
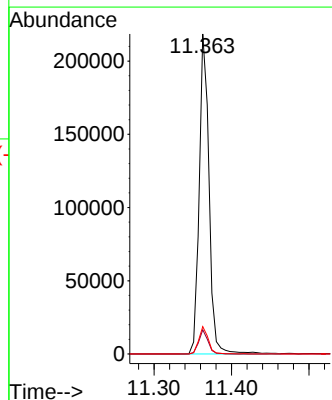
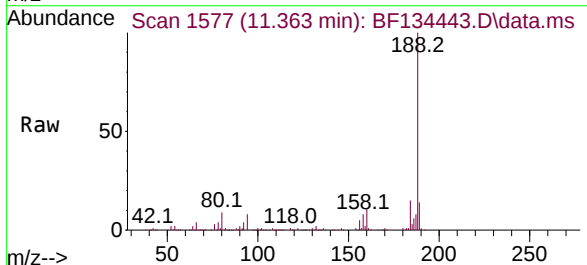
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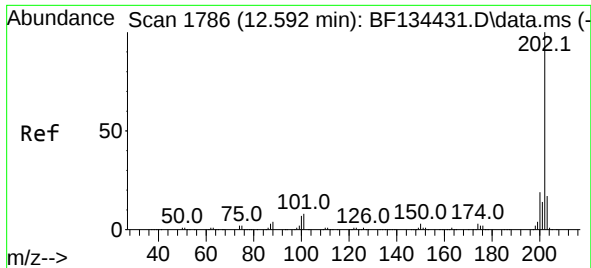
Tgt Ion:163 Resp: 16895
Ion Ratio Lower Upper
163 100
194 5.2 3.3 4.9#
164 8.9 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Tgt Ion:188 Resp: 192112
Ion Ratio Lower Upper
188 100
94 7.6 5.1 7.7
80 8.6 6.6 9.8

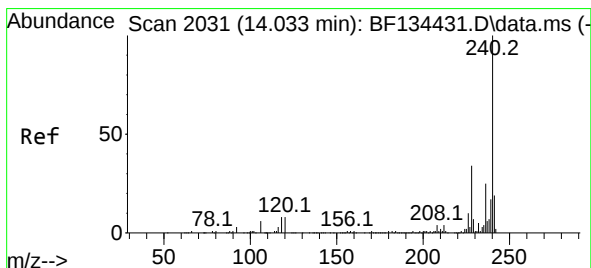
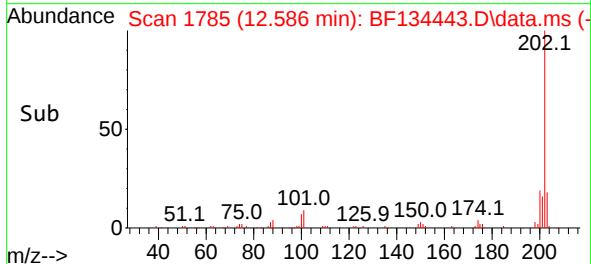
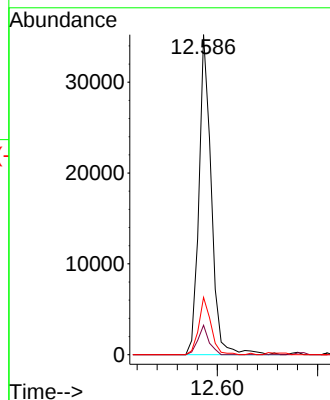
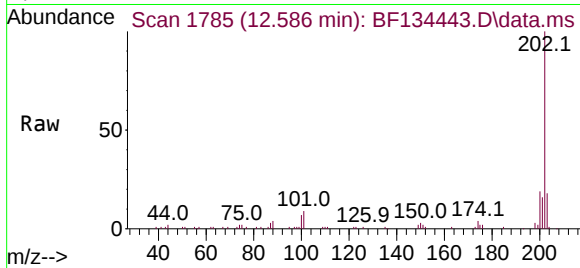




#75
Fluoranthene
Concen: 2.572 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

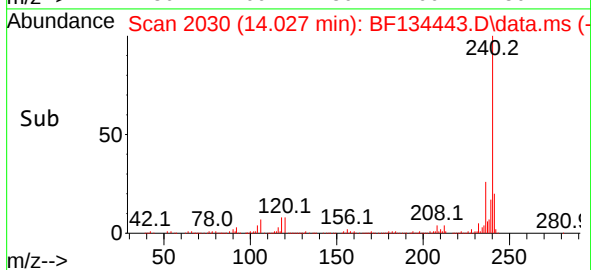
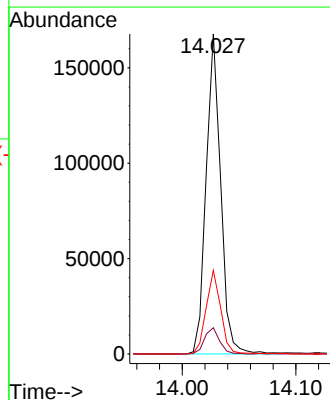
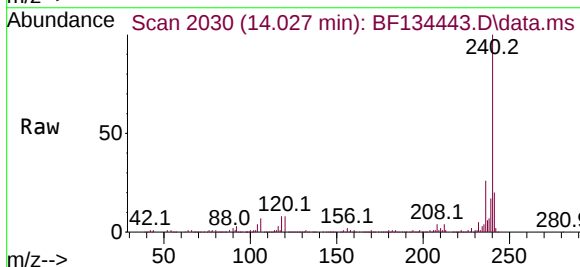
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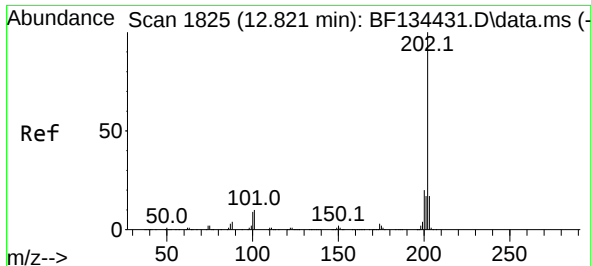
Tgt Ion:202 Resp: 30083
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.5
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Tgt Ion:240 Resp: 148930
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 26.1 20.2 30.2

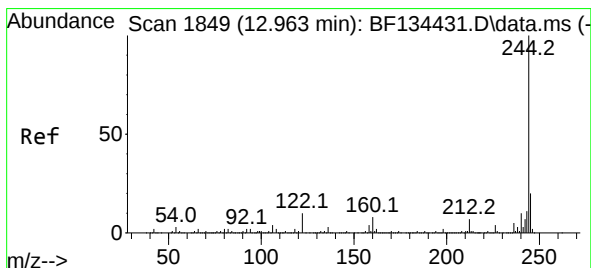
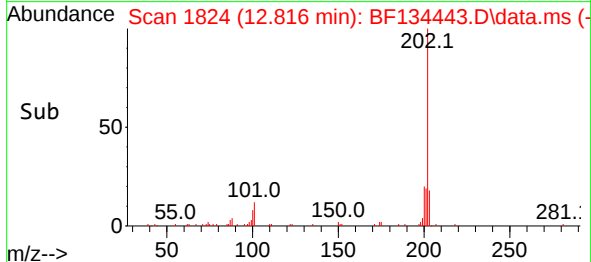
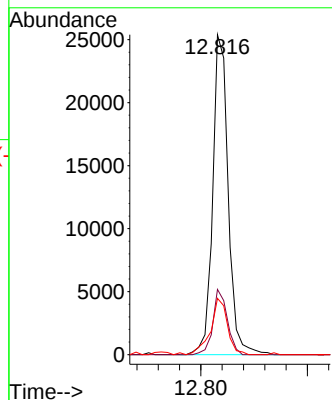
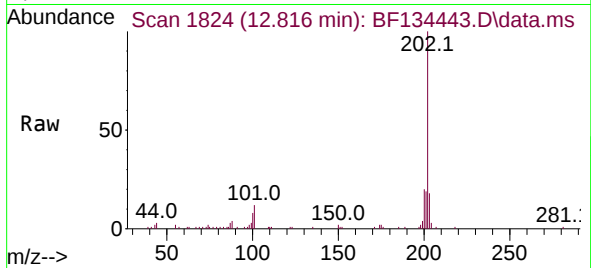




#78
Pyrene
Concen: 2.167 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

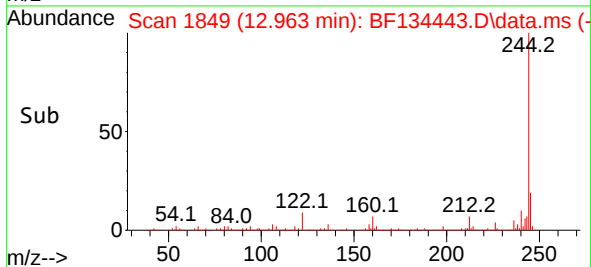
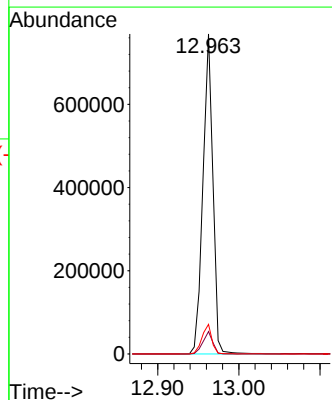
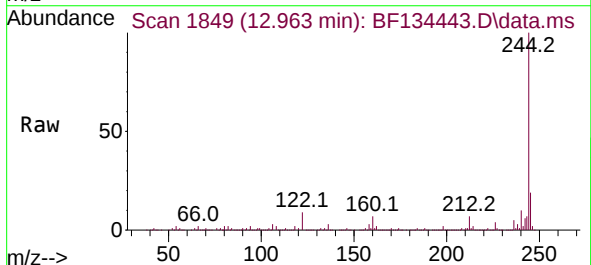
Instrument :
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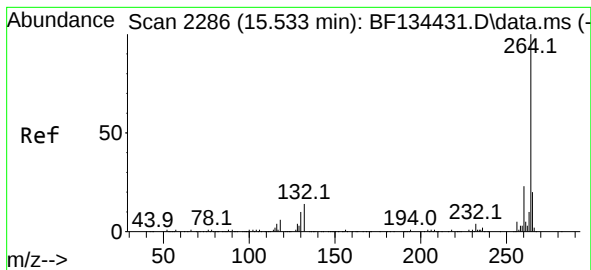
Tgt Ion:202 Resp: 25662
Ion Ratio Lower Upper
202 100
200 20.4 15.8 23.8
203 17.6 13.5 20.3



#79
Terphenyl-d14
Concen: 76.871 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Tgt Ion:244 Resp: 655823
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 9.2 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134443.D

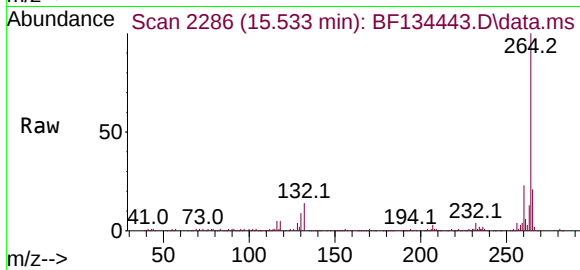
Acq: 24 Jul 2023 22:50

Instrument :

BNA_F

ClientSampleId :

TP19



Tgt Ion:264 Resp: 136230

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.1 15.8 23.8

