

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134525.D
 Acq On : 28 Jul 2023 20:32
 Operator : CG\JU
 Sample : 03645-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-(2.0-4.0)

Quant Time: Jul 29 01:27:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

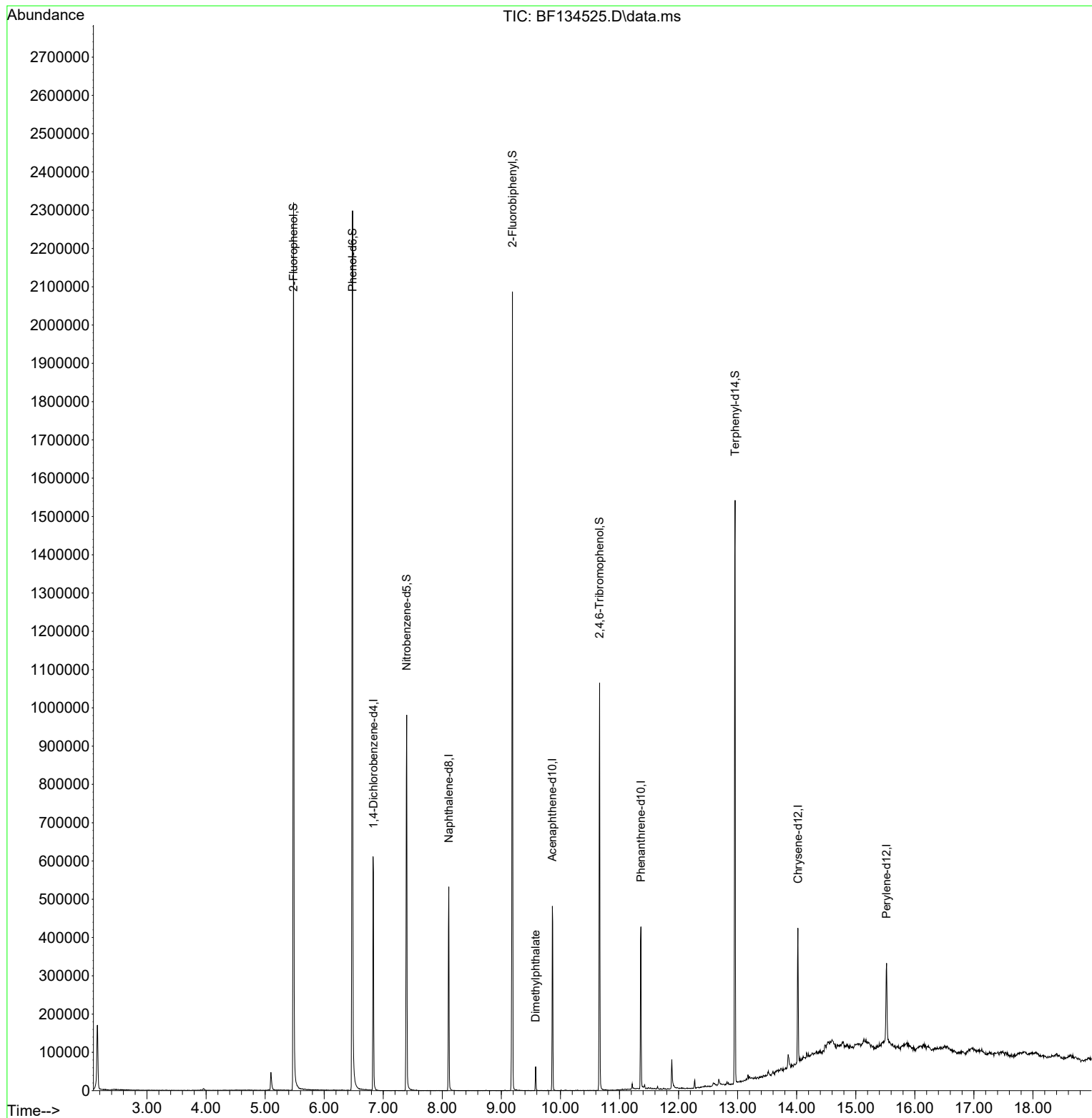
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	94654	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	229475	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	97108	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	163845	20.000	ng	0.00
76) Chrysene-d12	14.021	240	111540	20.000	ng	0.00
86) Perylene-d12	15.521	264	97214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	603870	105.406	ng	0.02
7) Phenol-d6	6.481	99	782235	111.443	ng	0.00
23) Nitrobenzene-d5	7.398	82	309433	68.224	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	130504	94.587	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	589497	79.693	ng	0.00
79) Terphenyl-d14	12.957	244	534462	83.646	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.580	163	21498	2.986	ng	Qvalue 97

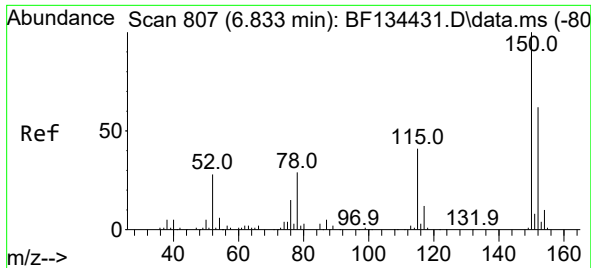
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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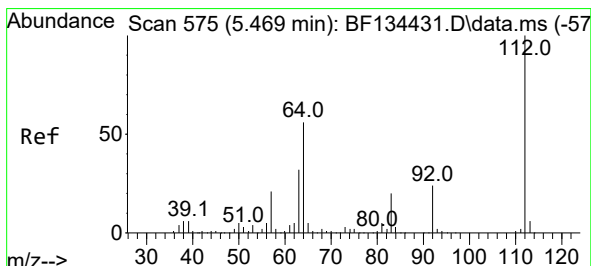
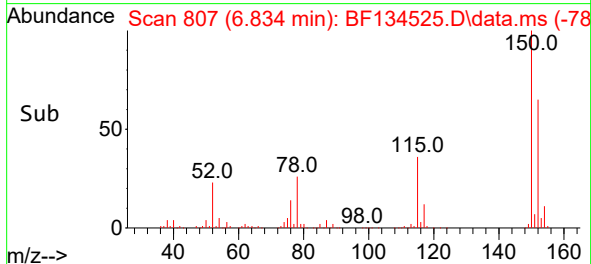
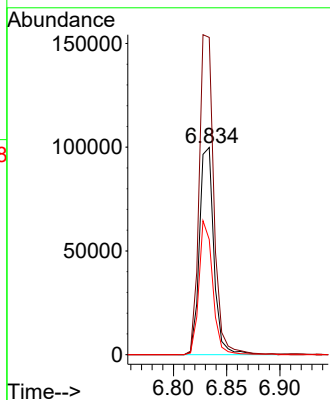
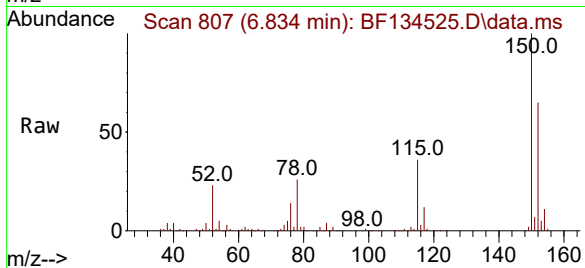




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 807
 Delta R.T. 0.006 min
 Lab File: BF134525.D
 Acq: 28 Jul 2023 20:32

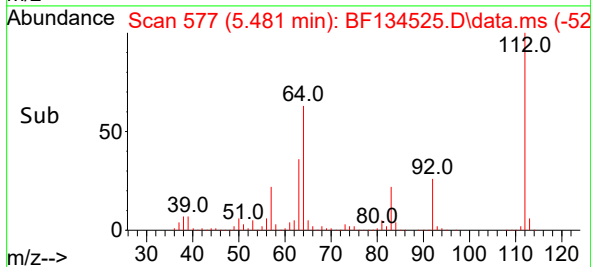
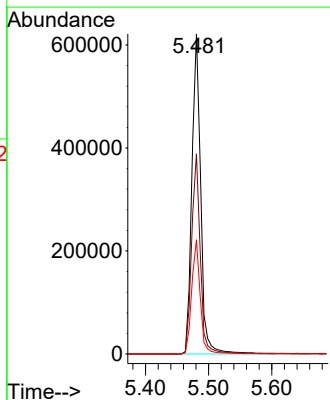
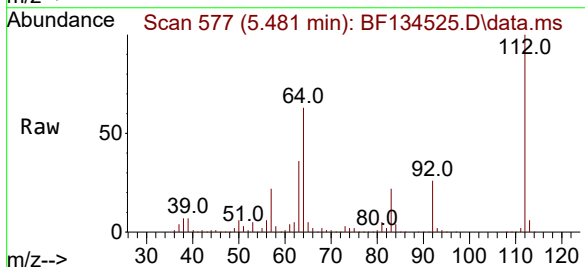
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-(2.0-4.0)

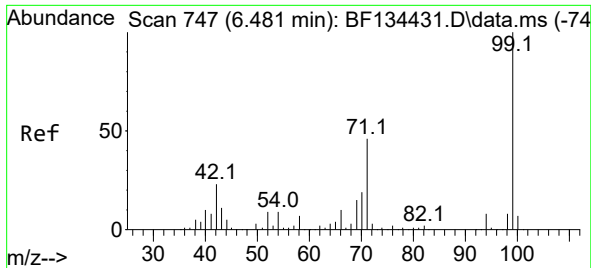
Tgt Ion:152 Resp: 94654
 Ion Ratio Lower Upper
 152 100
 150 153.0 128.3 192.5
 115 55.6 52.4 78.6



#5
 2-Fluorophenol
 Concen: 105.406 ng
 RT: 5.481 min Scan# 577
 Delta R.T. 0.018 min
 Lab File: BF134525.D
 Acq: 28 Jul 2023 20:32

Tgt Ion:112 Resp: 603870
 Ion Ratio Lower Upper
 112 100
 64 62.5 44.9 67.3
 63 35.7 25.4 38.0

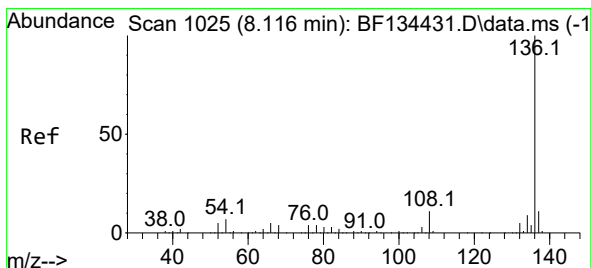
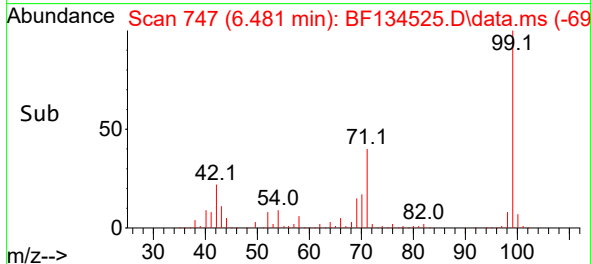
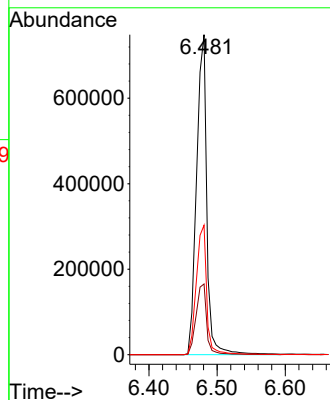
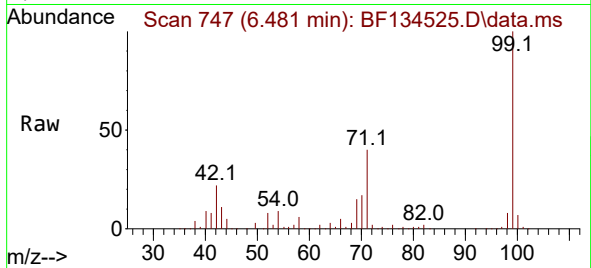




#7
Phenol-d6
Concen: 111.443 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

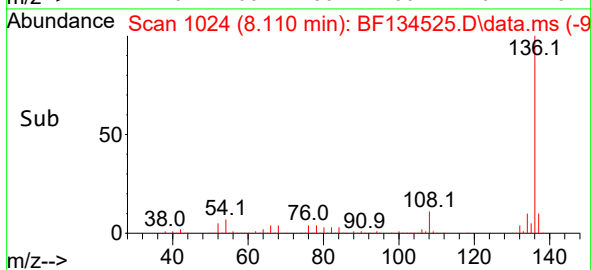
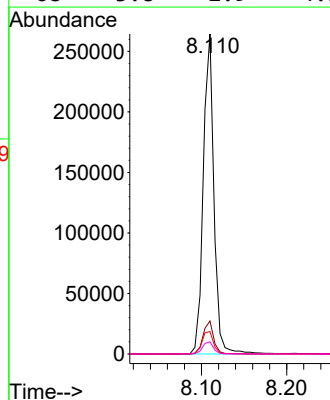
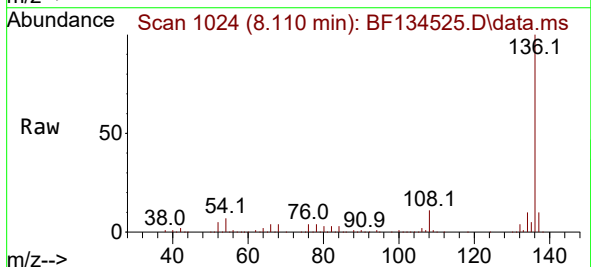
Instrument :
BNA_F
ClientSampleId :
SB-09-(2.0-4.0)

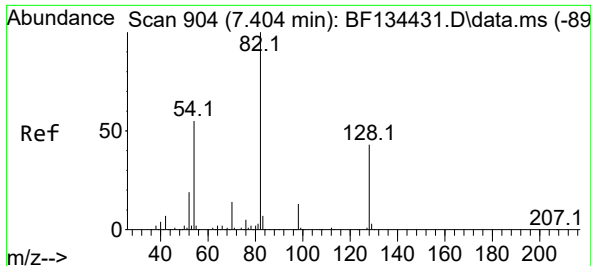
Tgt Ion: 99 Resp: 782235
Ion Ratio Lower Upper
99 100
42 22.1 18.7 28.1
71 40.5 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

Tgt Ion:136 Resp: 229475
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 7.0 5.2 7.8
68 3.8 2.9 4.3





#23

Nitrobenzene-d5

Concen: 68.224 ng

RT: 7.398 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF134525.D

Acq: 28 Jul 2023 20:32

Instrument :

BNA_F

ClientSampleId :

SB-09-(2.0-4.0)

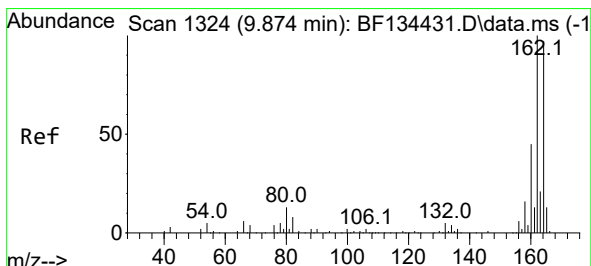
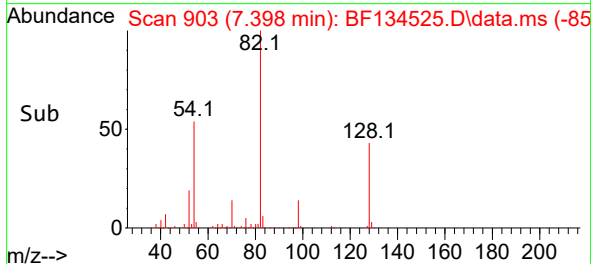
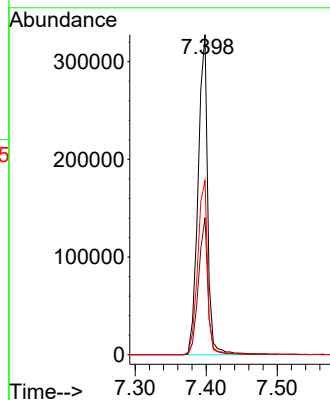
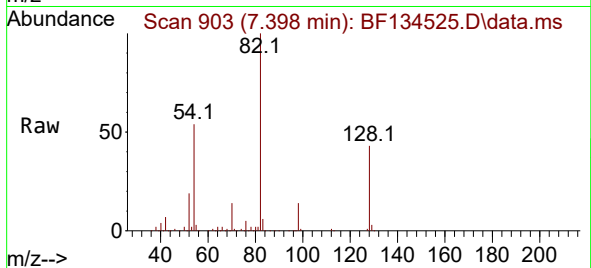
Tgt Ion: 82 Resp: 309433

Ion Ratio Lower Upper

82 100

128 42.9 34.3 51.5

54 54.4 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF134525.D

Acq: 28 Jul 2023 20:32

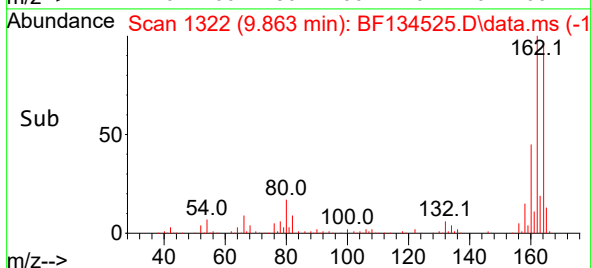
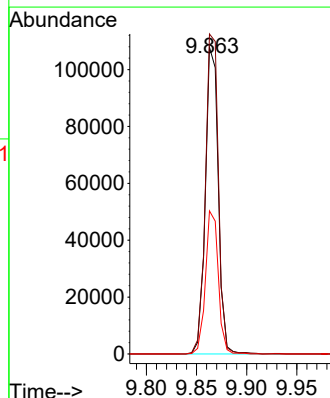
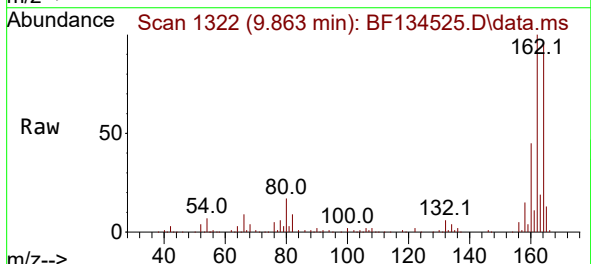
Tgt Ion:164 Resp: 97108

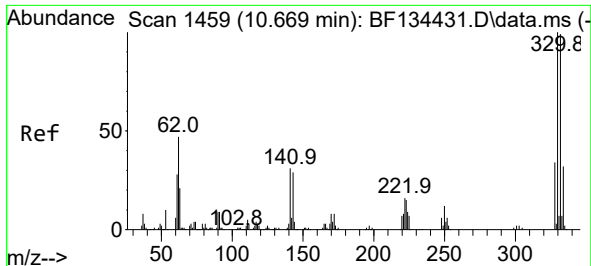
Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

160 46.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 94.587 ng

RT: 10.663 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF134525.D

Acq: 28 Jul 2023 20:32

Instrument :

BNA_F

ClientSampleId :

SB-09-(2.0-4.0)

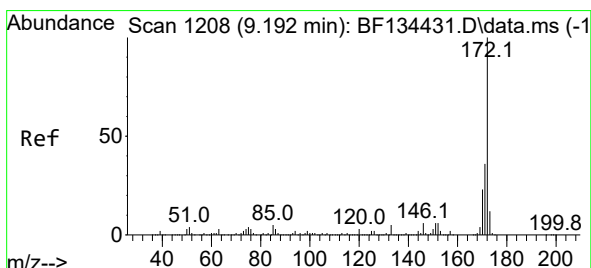
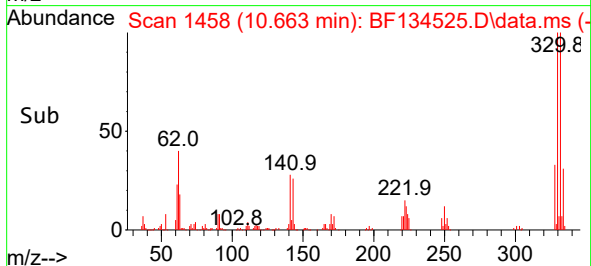
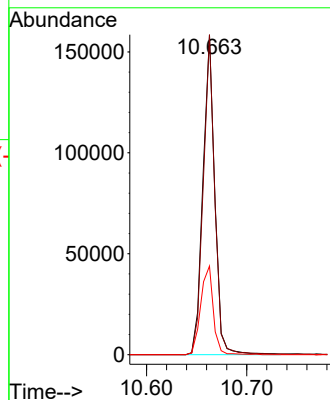
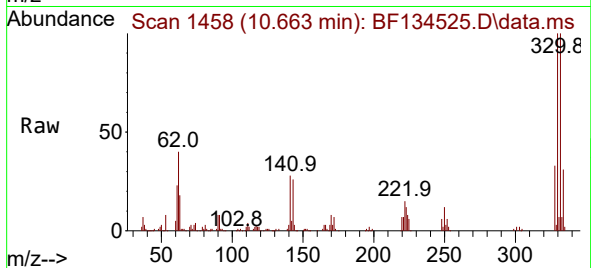
Tgt Ion:330 Resp: 130504

Ion Ratio Lower Upper

330 100

332 97.3 78.8 118.2

141 29.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 79.693 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF134525.D

Acq: 28 Jul 2023 20:32

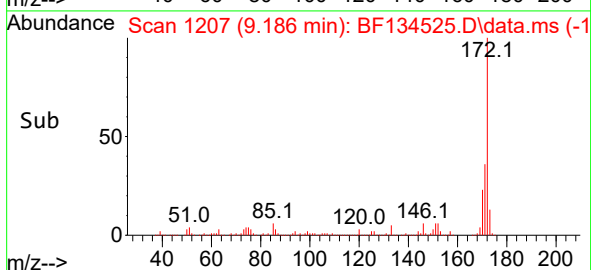
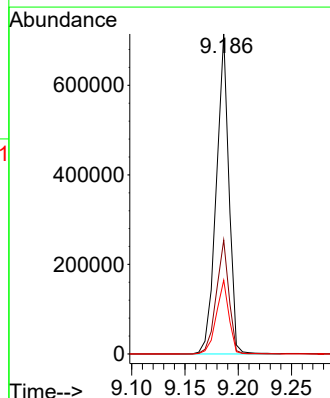
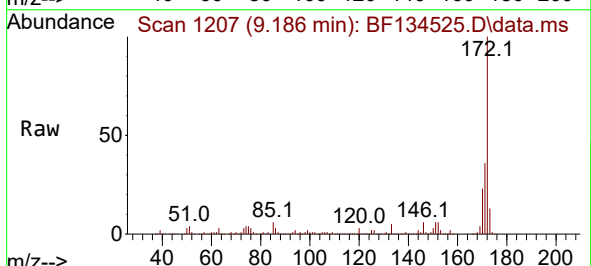
Tgt Ion:172 Resp: 589497

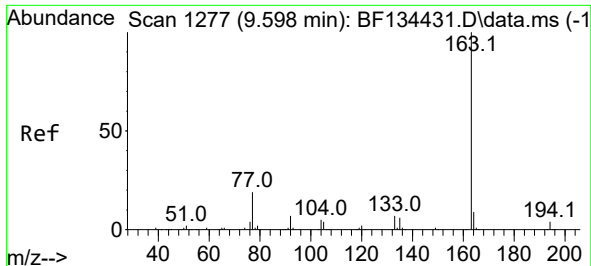
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.1 18.7 28.1

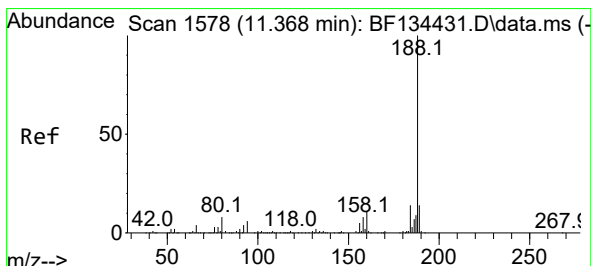
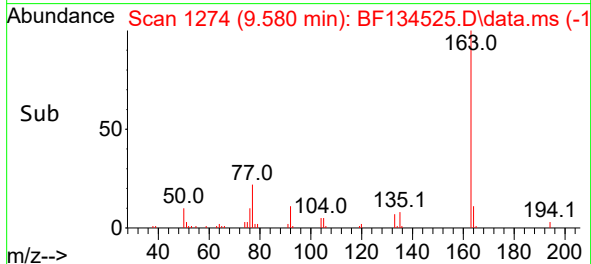
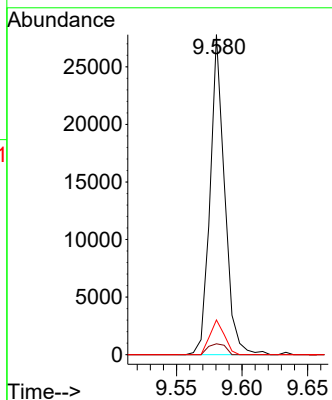
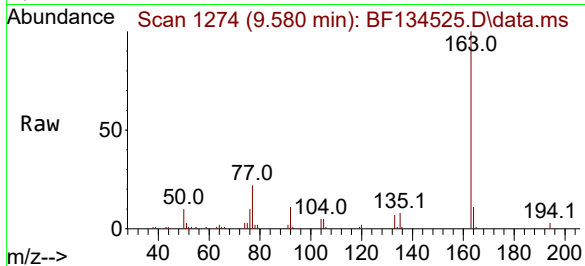




#50
Dimethylphthalate
Concen: 2.986 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

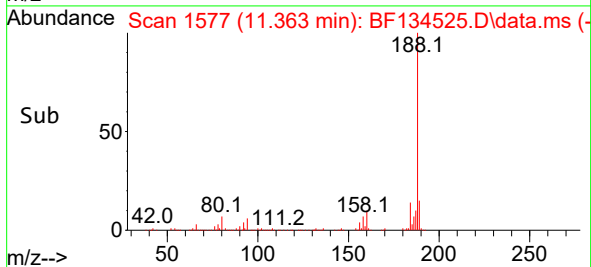
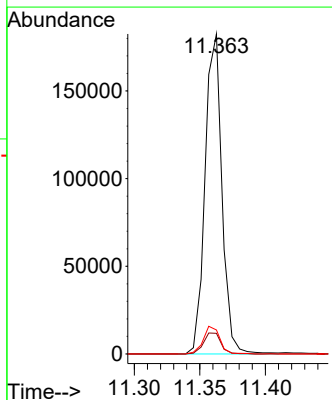
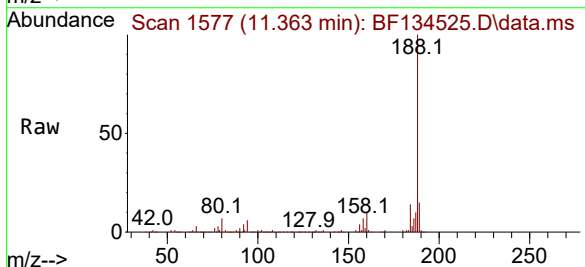
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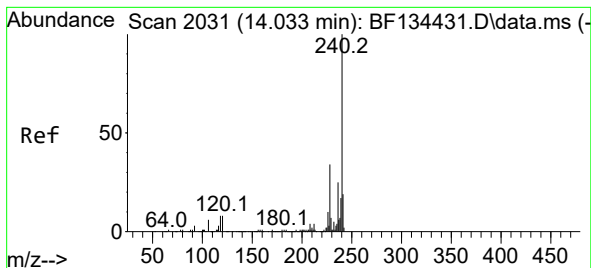
Tgt Ion:163 Resp: 21498
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 10.9 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

Tgt Ion:188 Resp: 163845
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 7.5 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134525.D

Acq: 28 Jul 2023 20:32

Instrument :

BNA_F

ClientSampleId :

SB-09-(2.0-4.0)

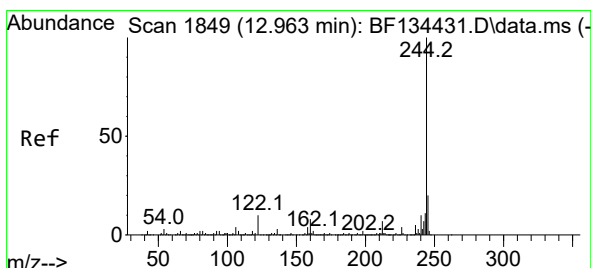
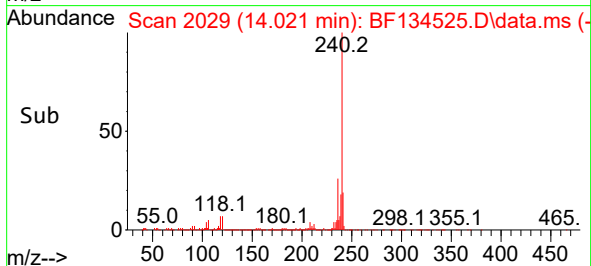
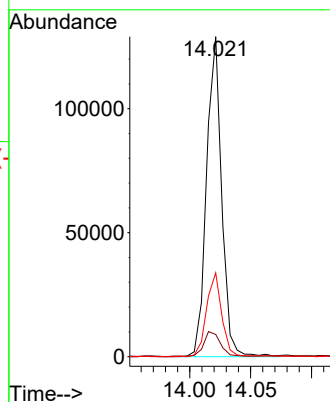
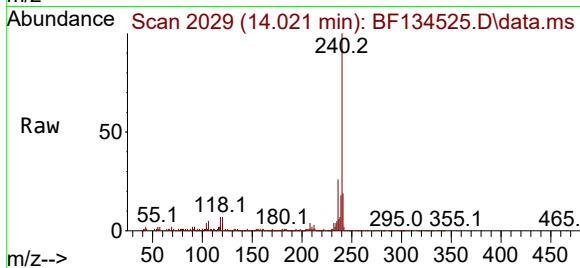
Tgt Ion:240 Resp: 111540

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

236 26.2 20.2 30.2



#79

Terphenyl-d14

Concen: 83.646 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF134525.D

Acq: 28 Jul 2023 20:32

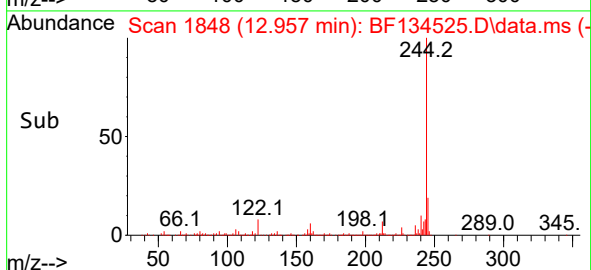
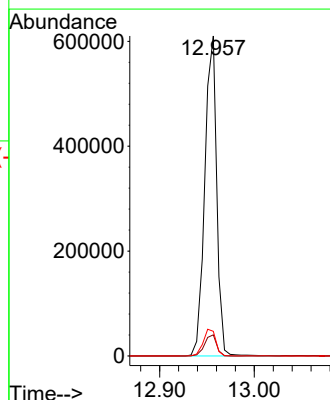
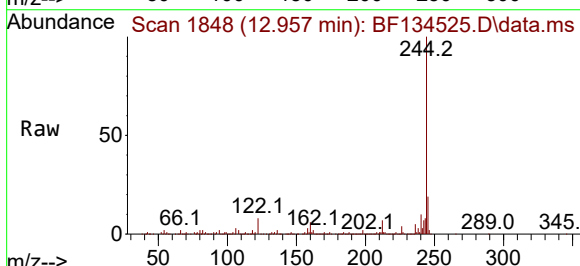
Tgt Ion:244 Resp: 534462

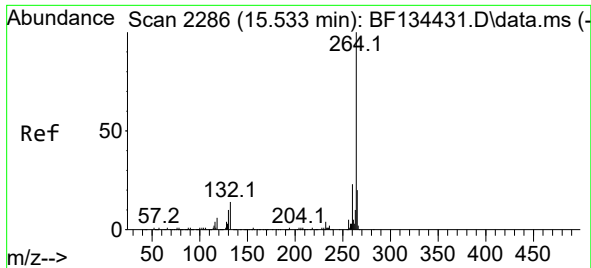
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

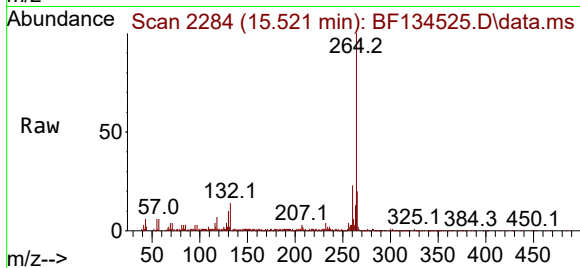
122 7.7 8.0 12.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF134525.D
 Acq: 28 Jul 2023 20:32

Instrument :
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 SB-09-(2.0-4.0)



Tgt Ion:	264	Resp:	97214
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.4	27.6
265	20.4	15.8	23.8

