

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134520.D
 Acq On : 28 Jul 2023 17:41
 Operator : CG\JU
 Sample : 03719-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P23A

Quant Time: Jul 28 18:21:29 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	6.828	152	56076	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	227539	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	122995	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	232587	20.000	ng	0.00
76) Chrysene-d12	14.016	240	129611	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	128153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	546410	160.991	ng	0.01
7) Phenol-d6	6.475	99	404440	97.259	ng	0.00
23) Nitrobenzene-d5	7.393	82	272093	60.501	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	162033	92.721	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	549088	58.607	ng	0.00
79) Terphenyl-d14	12.951	244	490264	66.031	ng	0.00

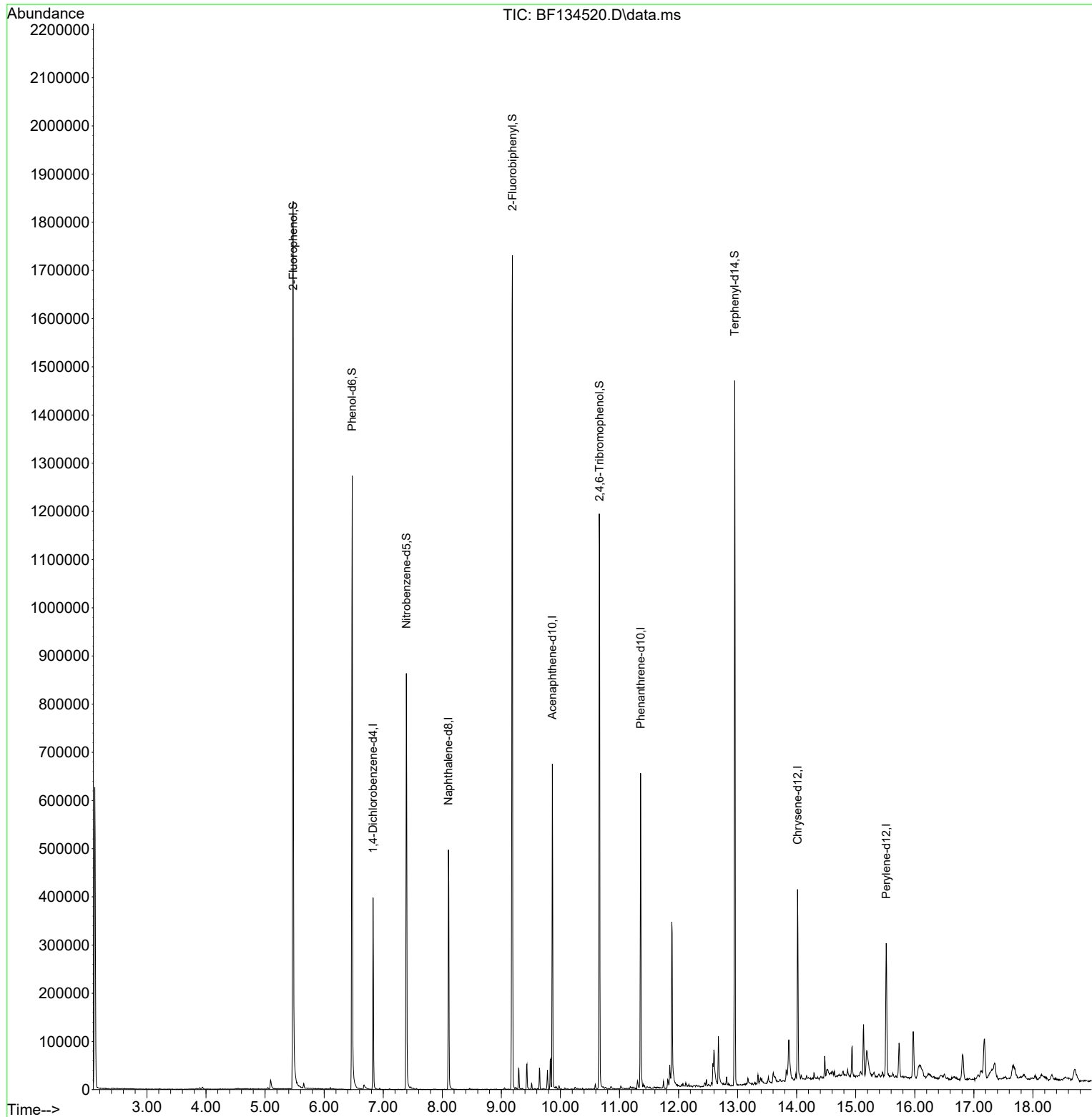
Target Compounds	Qvalue

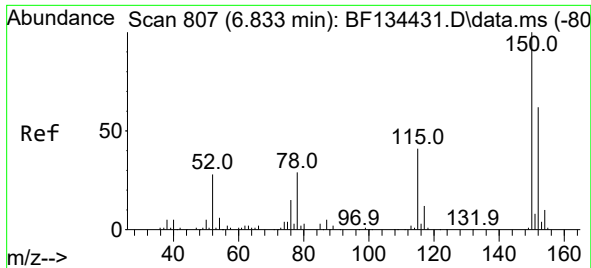
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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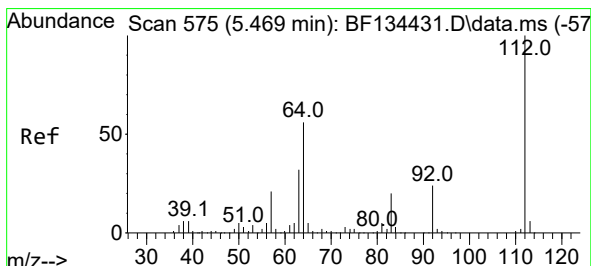
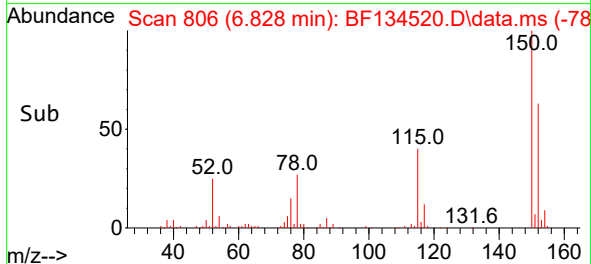
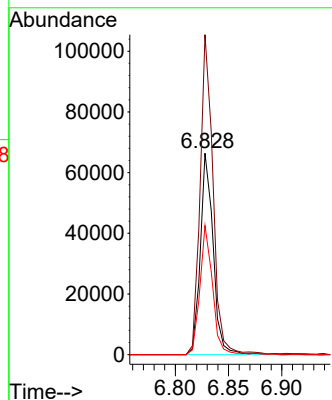
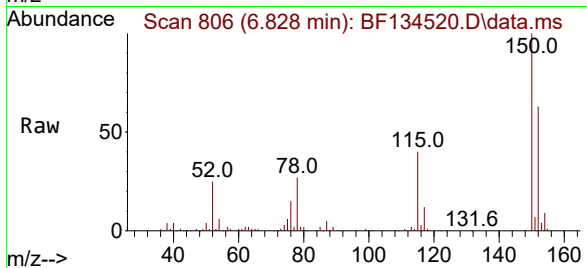




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134520.D
Acq: 28 Jul 2023 17:41

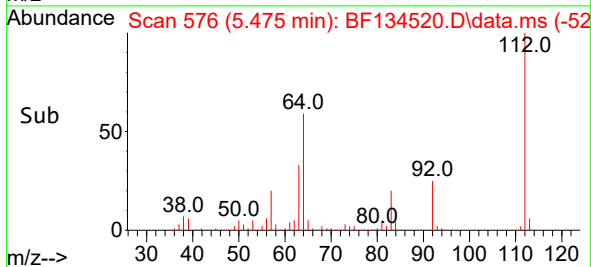
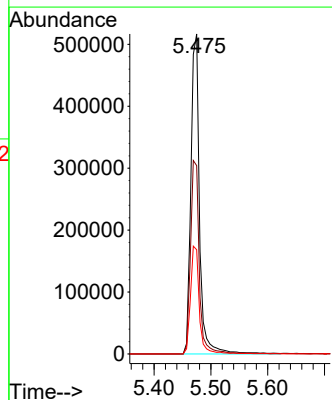
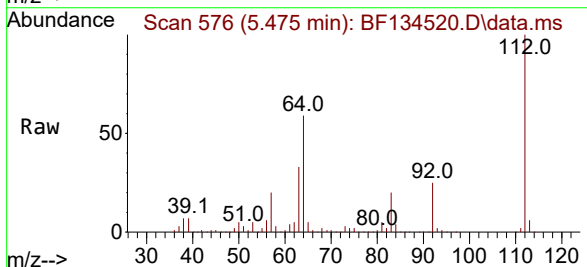
Instrument :
BNA_F
ClientSampleId :
B-P23A

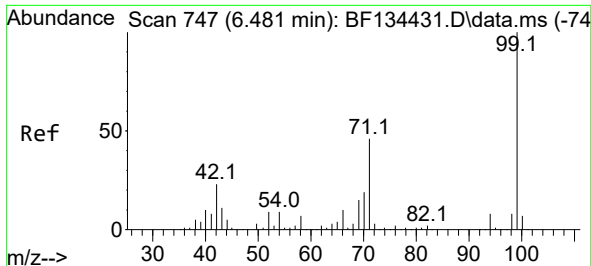
Tgt Ion:152 Resp: 56076
Ion Ratio Lower Upper
152 100
150 158.9 128.3 192.5
115 64.1 52.4 78.6



#5
2-Fluorophenol
Concen: 160.991 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF134520.D
Acq: 28 Jul 2023 17:41

Tgt Ion:112 Resp: 546410
Ion Ratio Lower Upper
112 100
64 58.9 44.9 67.3
63 32.6 25.4 38.0

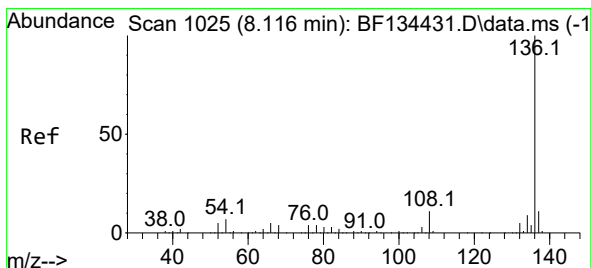
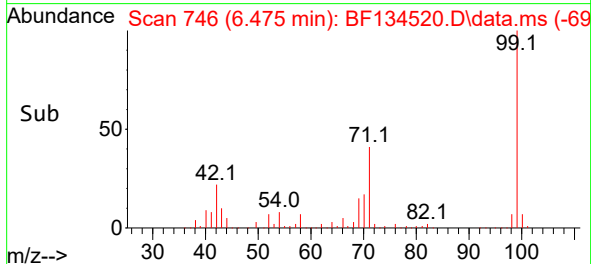
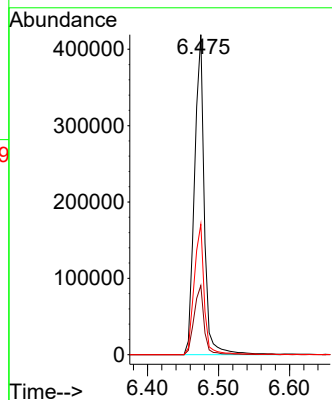
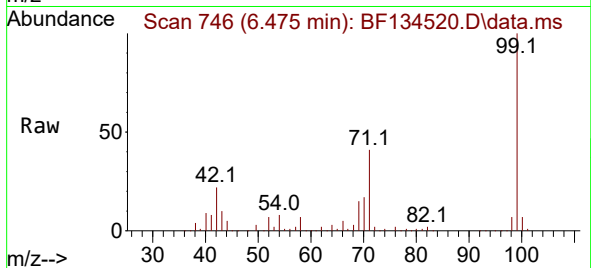




#7
Phenol-d6
Concen: 97.259 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134520.D
Acq: 28 Jul 2023 17:41

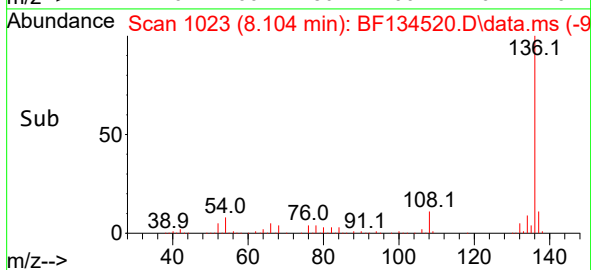
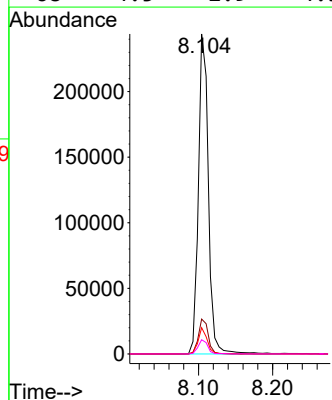
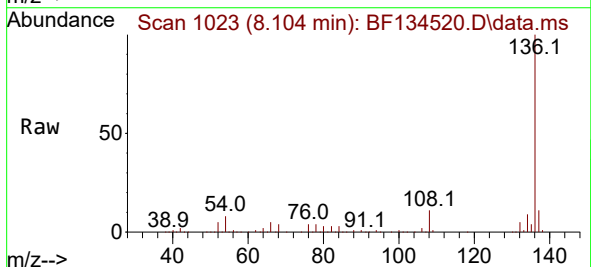
Instrument :
BNA_F
ClientSampleId :
B-P23A

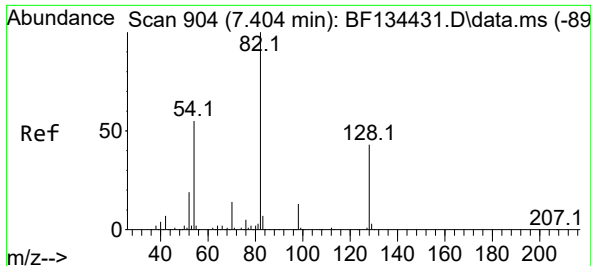
Tgt Ion: 99 Resp: 404440
Ion Ratio Lower Upper
99 100
42 21.6 18.7 28.1
71 40.8 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134520.D
Acq: 28 Jul 2023 17:41

Tgt Ion: 136 Resp: 227539
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.2 5.2 7.8#
68 4.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 60.501 ng

RT: 7.393 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF134520.D

Acq: 28 Jul 2023 17:41

Instrument :

BNA_F

ClientSampleId :

B-P23A

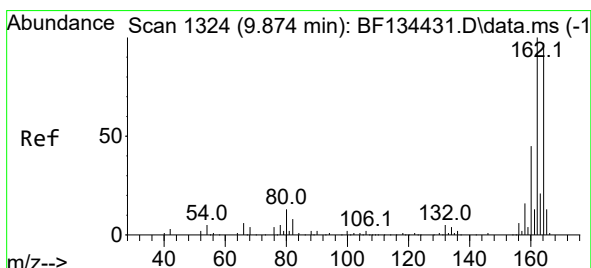
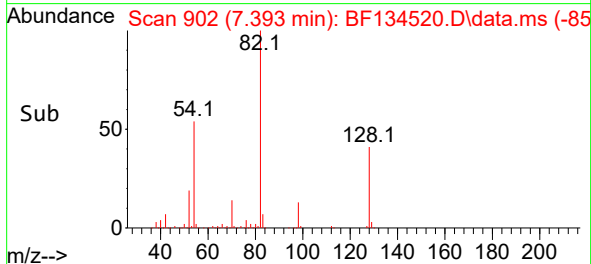
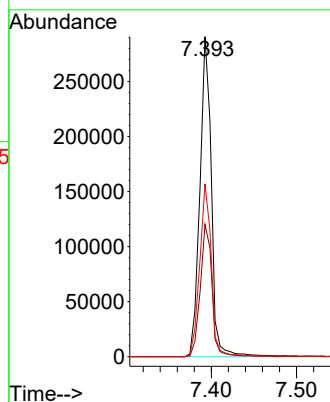
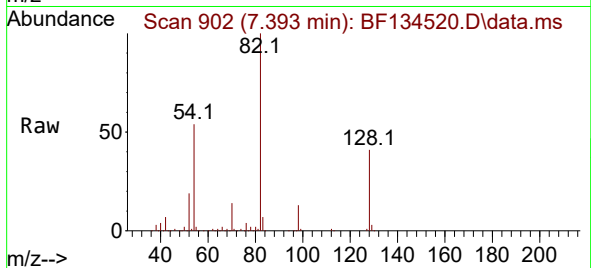
Tgt Ion: 82 Resp: 272093

Ion Ratio Lower Upper

82 100

128 41.3 34.3 51.5

54 54.0 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: BF134520.D

Acq: 28 Jul 2023 17:41

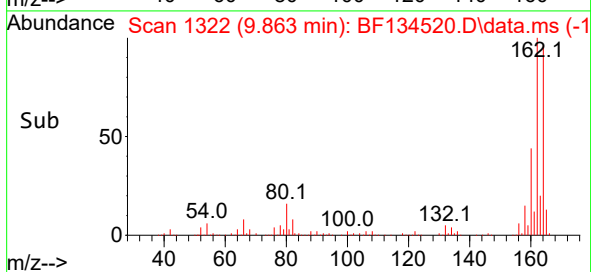
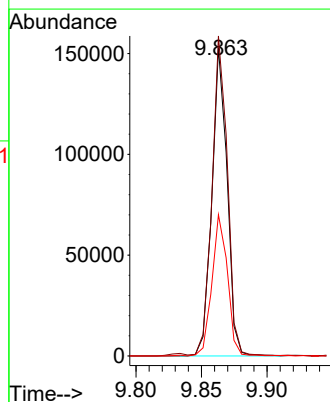
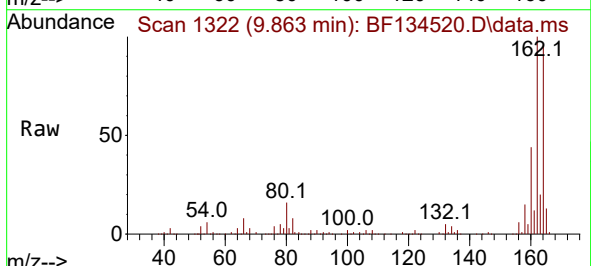
Tgt Ion: 164 Resp: 122995

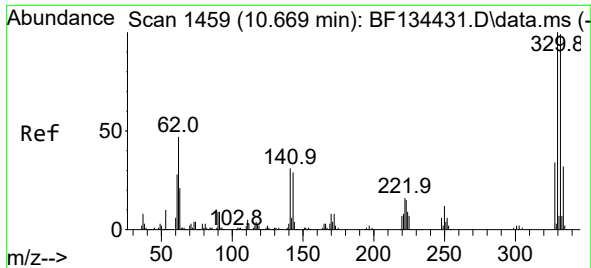
Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

160 45.8 37.2 55.8

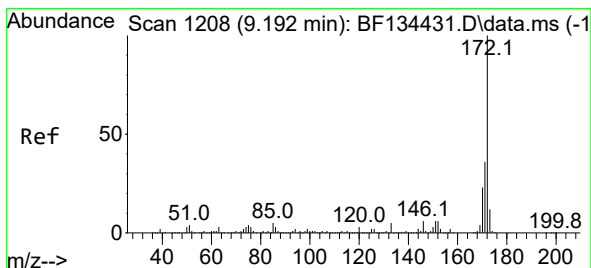
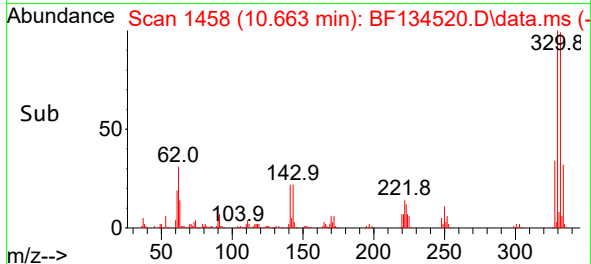
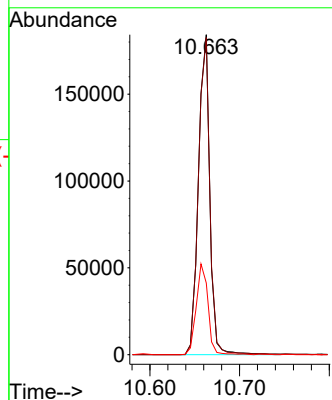
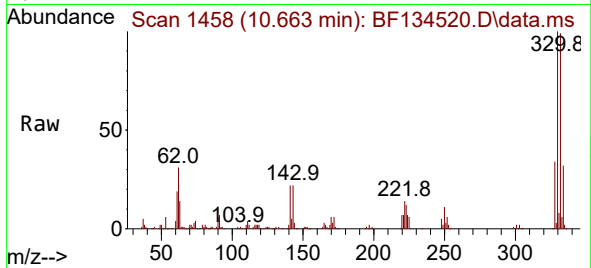




#42
2,4,6-Tribromophenol
Concen: 92.721 ng
RT: 10.663 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134520.D
Acq: 28 Jul 2023 17:41

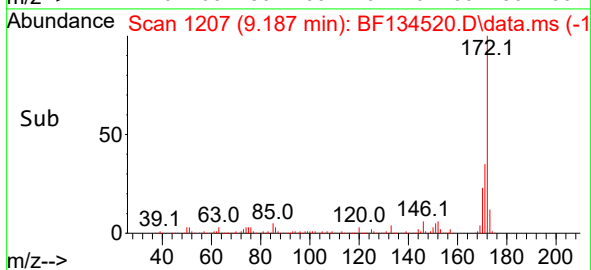
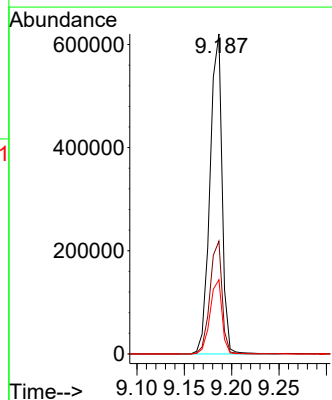
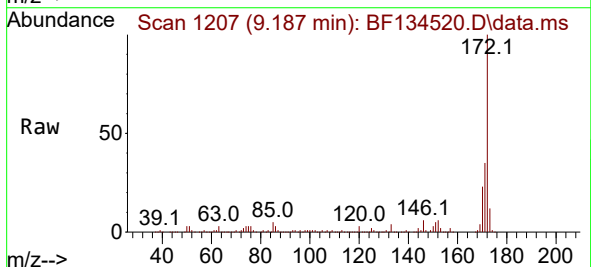
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B-P23A

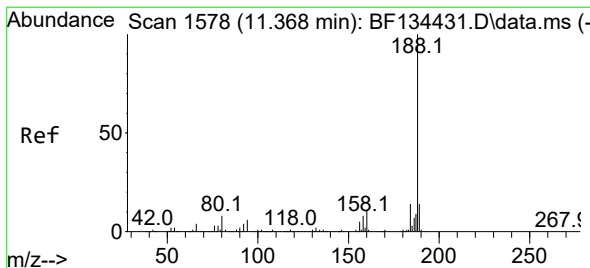
Tgt Ion: 330 Resp: 162033
Ion Ratio Lower Upper
330 100
332 99.8 78.8 118.2
141 29.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 58.607 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF134520.D
Acq: 28 Jul 2023 17:41

Tgt Ion: 172 Resp: 549088
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134520.D

Acq: 28 Jul 2023 17:41

Instrument :

BNA_F

ClientSampleId :

B-P23A

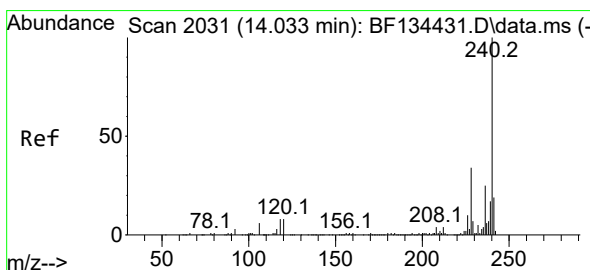
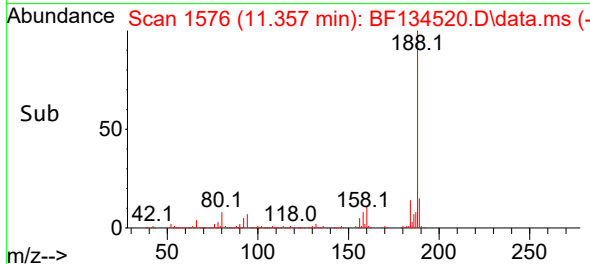
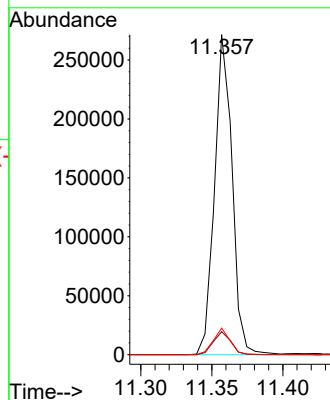
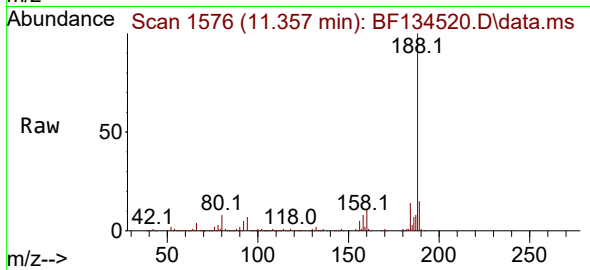
Tgt Ion:188 Resp: 232587

Ion Ratio Lower Upper

188 100

94 7.2 5.1 7.7

80 8.3 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134520.D

Acq: 28 Jul 2023 17:41

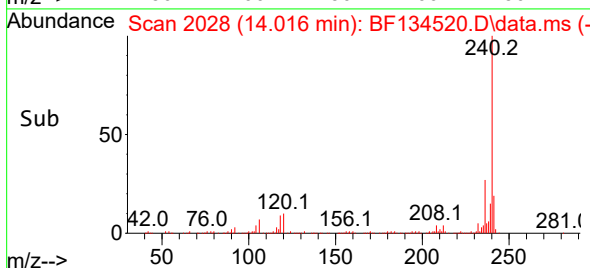
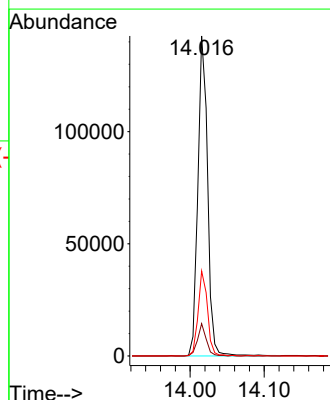
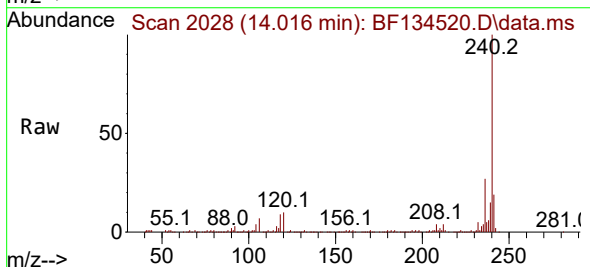
Tgt Ion:240 Resp: 129611

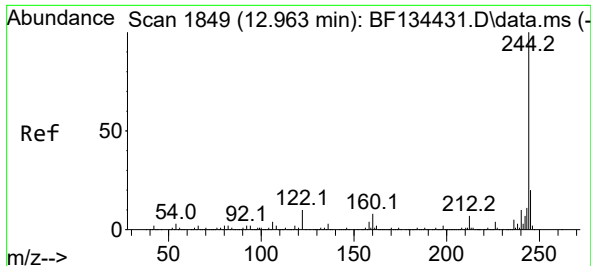
Ion Ratio Lower Upper

240 100

120 10.1 6.6 10.0#

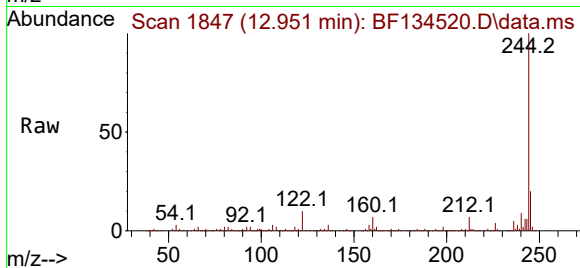
236 26.6 20.2 30.2



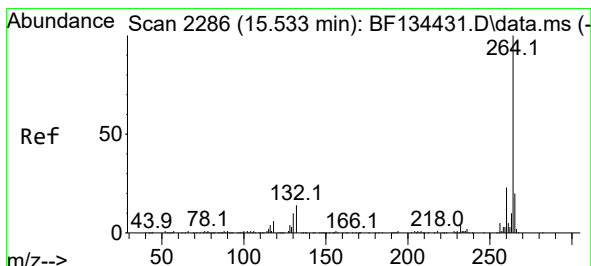
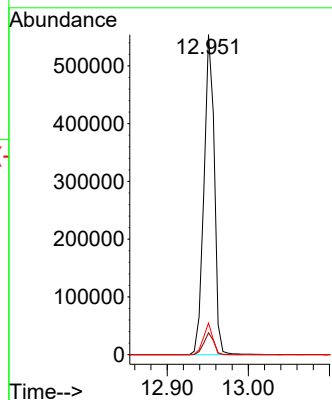
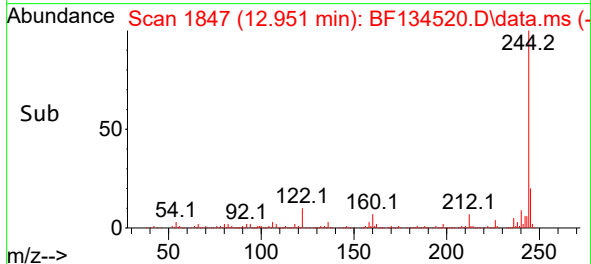


#79
 Terphenyl-d14
 Concen: 66.031 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134520.D
 Acq: 28 Jul 2023 17:41

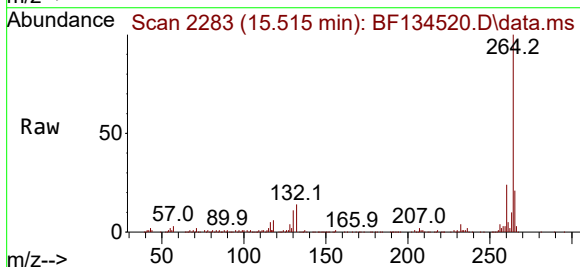
Instrument :
 BNA_F
 ClientSampleId :
 B-P23A



Tgt Ion:244 Resp: 490264
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF134520.D
 Acq: 28 Jul 2023 17:41



Tgt Ion:264 Resp: 128153
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 21.1 15.8 23.8

