

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134066.D
 Acq On : 30 Jun 2023 23:05
 Operator : CG\JU
 Sample : 03358-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(0-2)

Quant Time: Jul 01 04:34:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	107417	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	416264	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	204543	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	353651	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	198278	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	220665	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	579615	90.261	ng	0.00
7) Phenol-d6	6.481	99	699144	88.531	ng	-0.01
23) Nitrobenzene-d5	7.410	82	482768	62.518	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	191821	74.797	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	894300	63.567	ng	0.00
79) Terphenyl-d14	12.974	244	697648	56.628	ng	-0.01

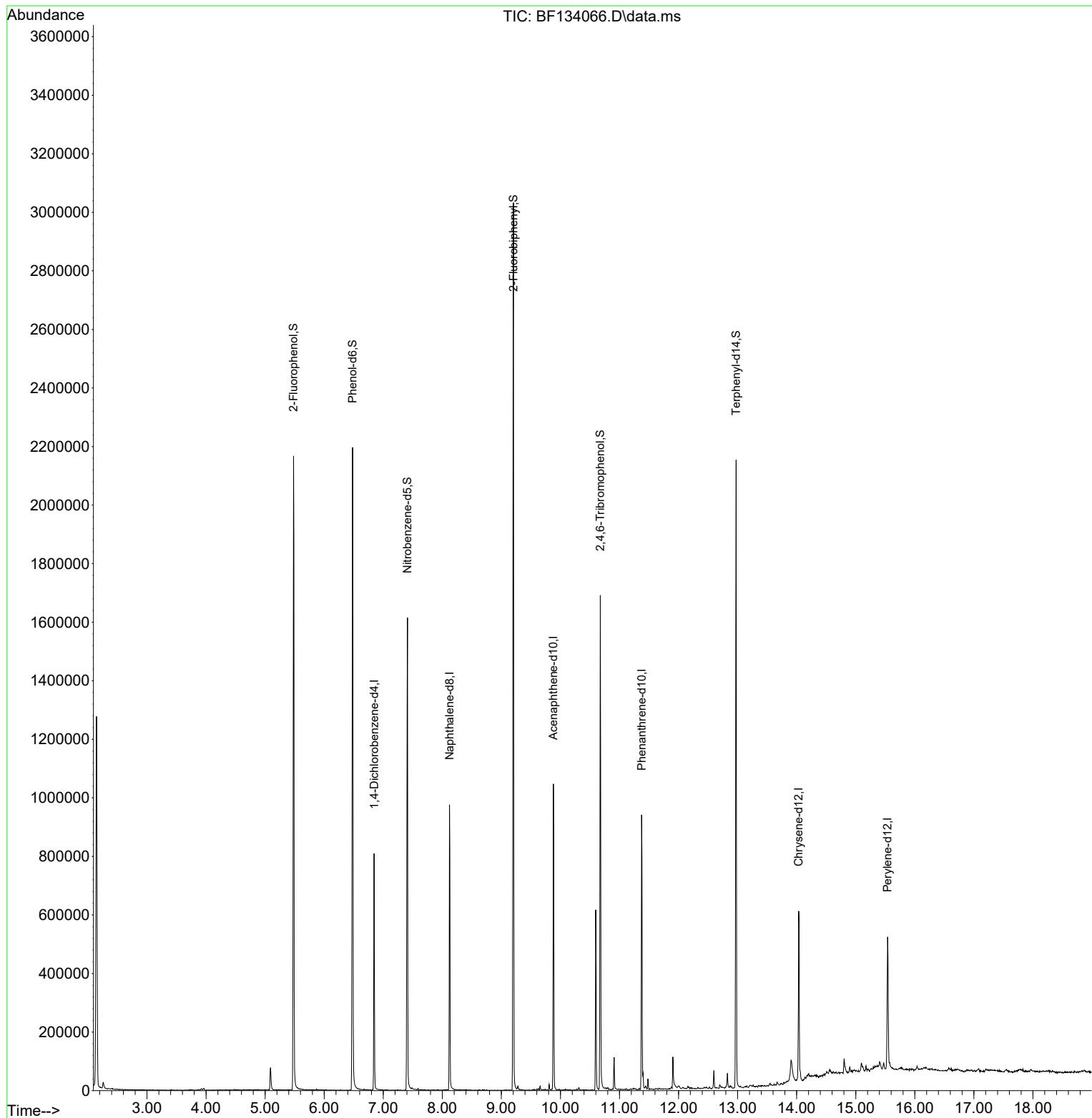
Target Compounds	Qvalue

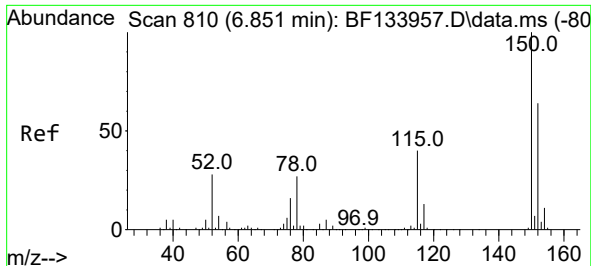
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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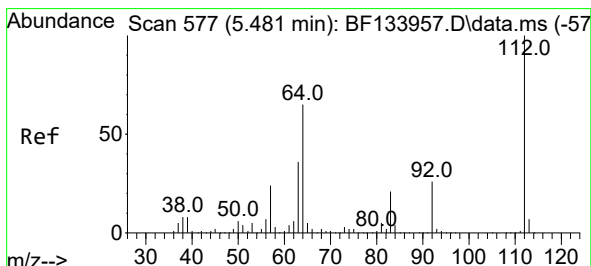
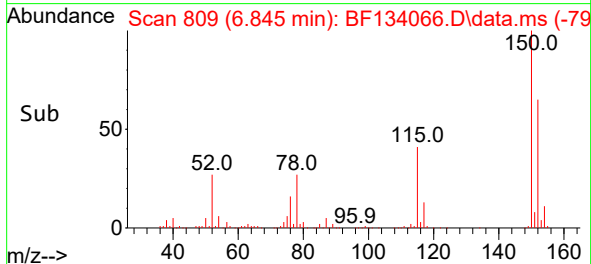
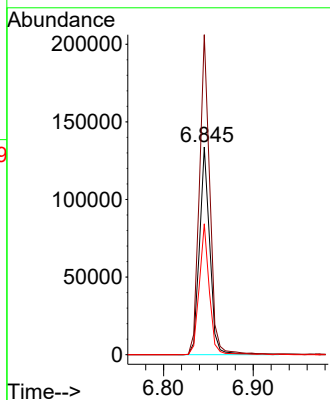
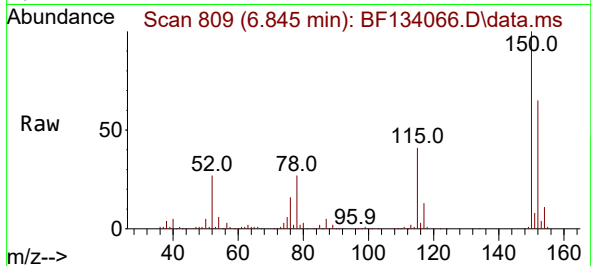




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

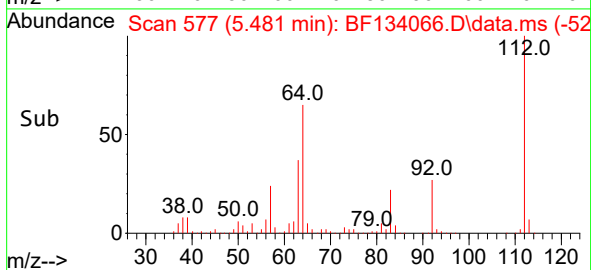
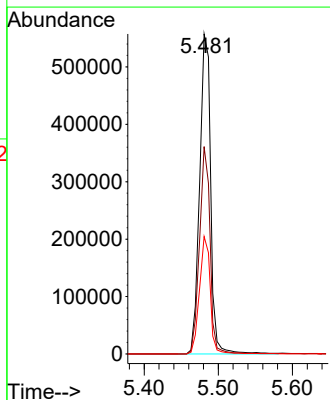
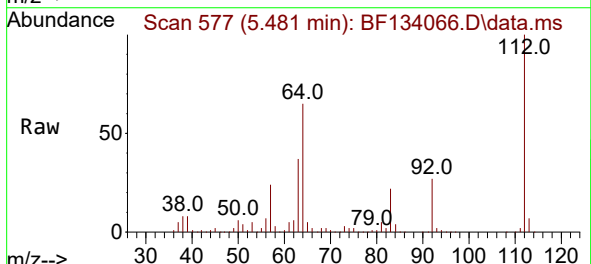
Instrument :
BNA_F
ClientSampleId :
SB-1-(0-2)

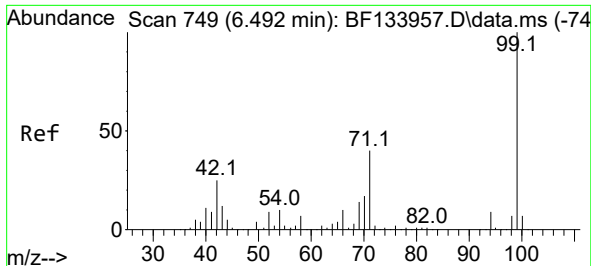
Tgt Ion:152 Resp: 107417
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 90.261 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

Tgt Ion:112 Resp: 579615
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 36.7 28.6 42.8





#7

Phenol-d6

Concen: 88.531 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

Instrument :

BNA_F

ClientSampleId :

SB-1-(0-2)

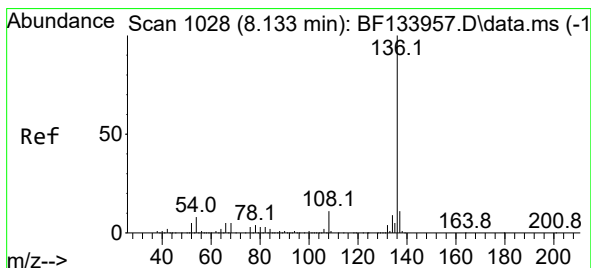
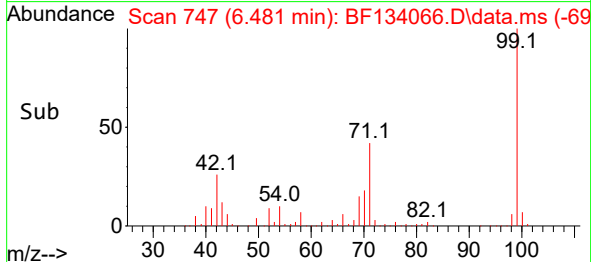
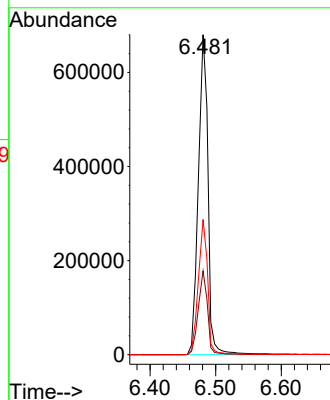
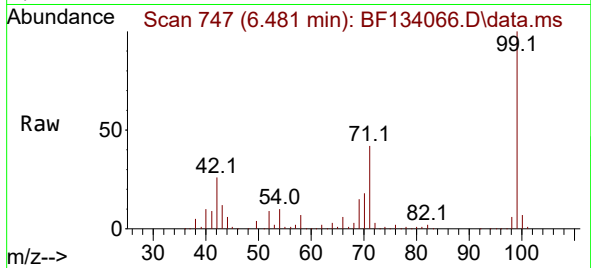
Tgt Ion: 99 Resp: 699144

Ion Ratio Lower Upper

99 100

42 26.1 19.8 29.6

71 42.3 31.9 47.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.012 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

Tgt Ion:136 Resp: 416264

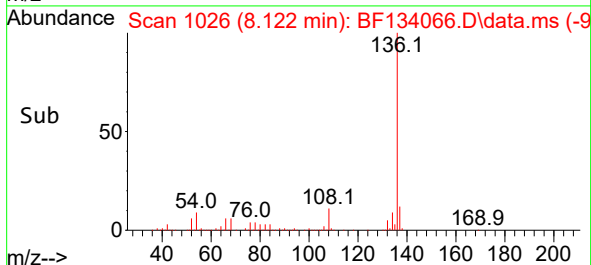
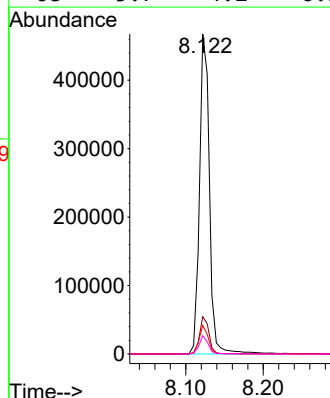
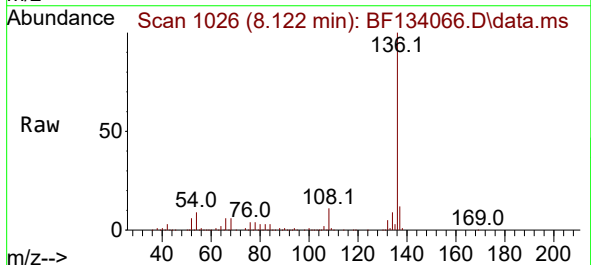
Ion Ratio Lower Upper

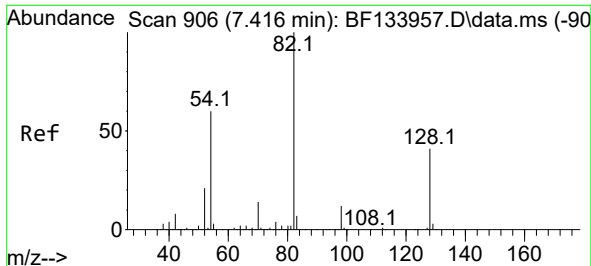
136 100

137 11.7 8.6 12.8

54 8.9 6.5 9.7

68 5.7 4.2 6.2

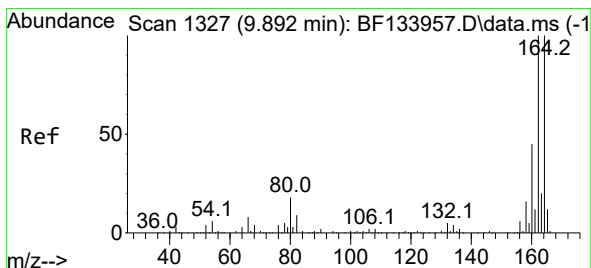
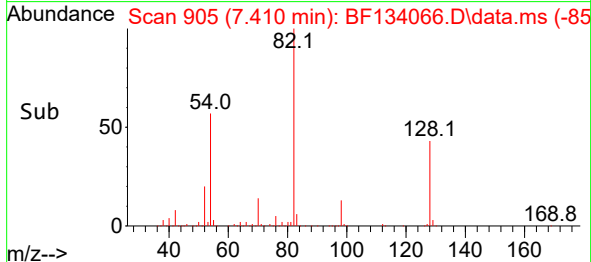
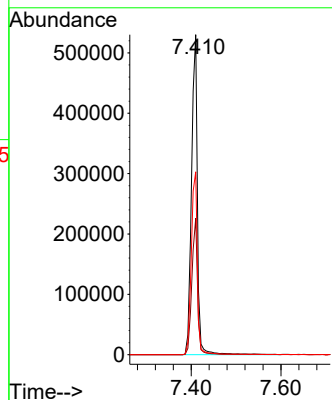
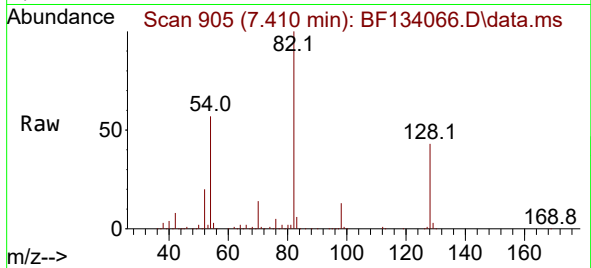




#23
Nitrobenzene-d5
Concen: 62.518 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

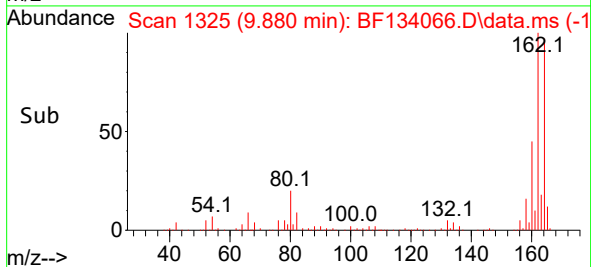
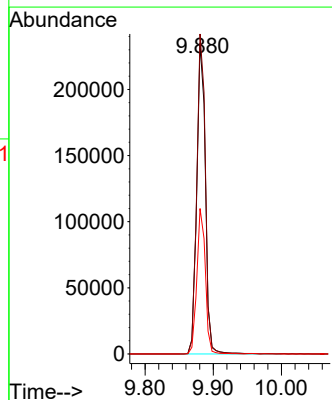
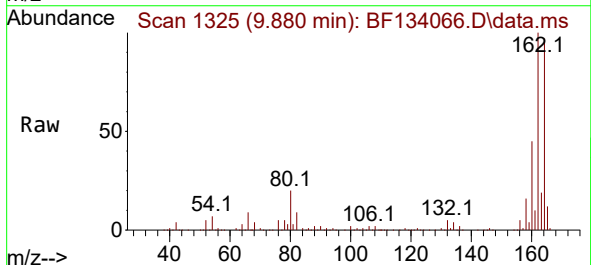
Instrument :
BNA_F
ClientSampleId :
SB-1-(0-2)

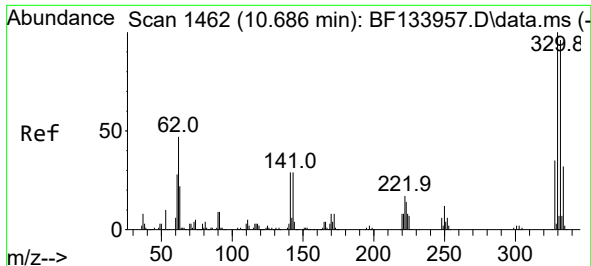
Tgt Ion: 82 Resp: 482768
Ion Ratio Lower Upper
82 100
128 42.7 32.5 48.7
54 57.2 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

Tgt Ion:164 Resp: 204543
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 46.8 35.9 53.9

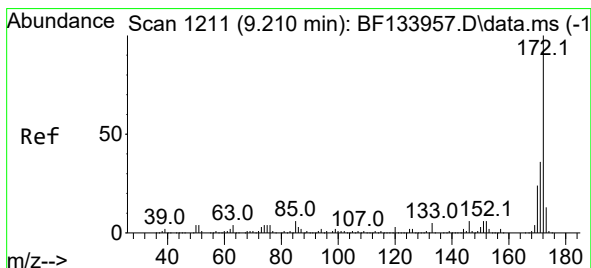
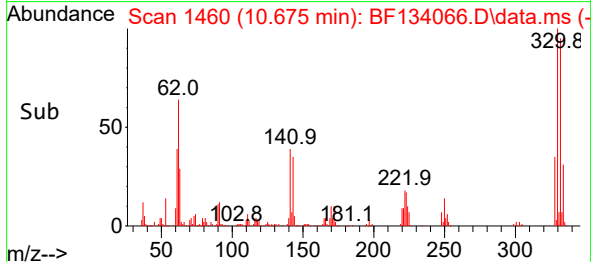
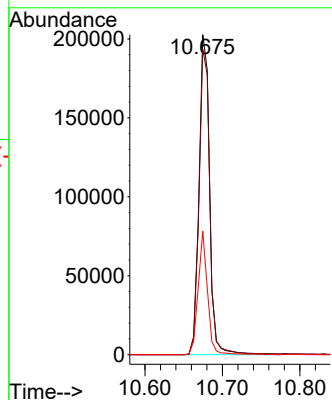
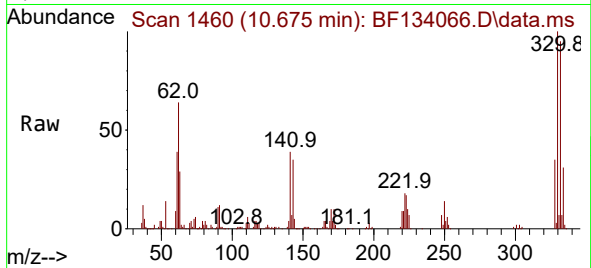




#42
2,4,6-Tribromophenol
Concen: 74.797 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

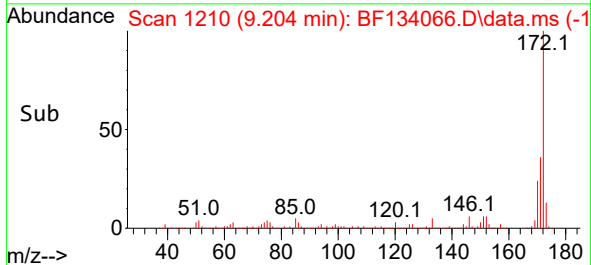
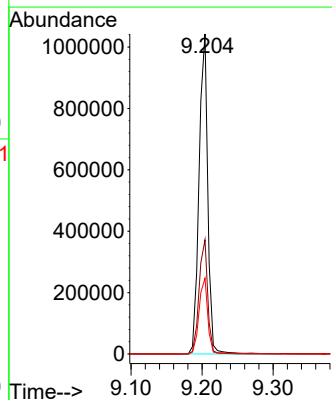
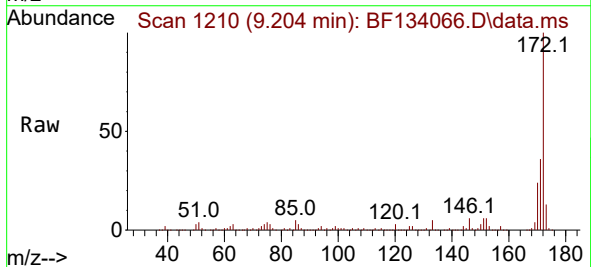
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ClientSampleId :
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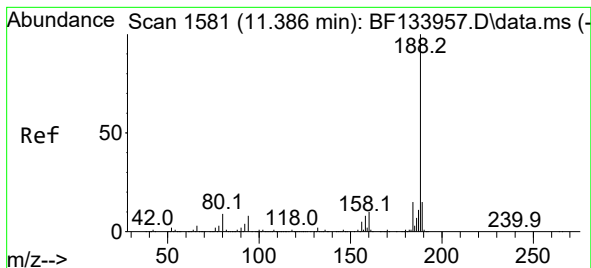
Tgt Ion:330 Resp: 191821
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 34.6 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 63.567 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

Tgt Ion:172 Resp: 894300
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

Instrument :

BNA_F

ClientSampleId :

SB-1-(0-2)

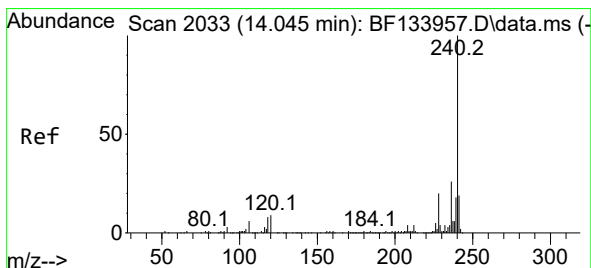
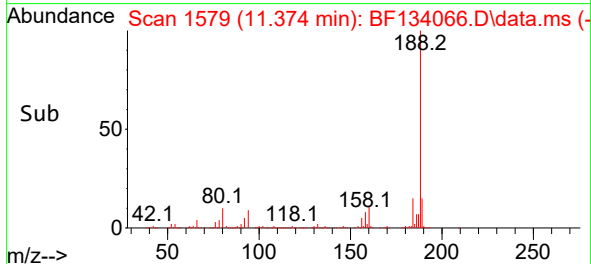
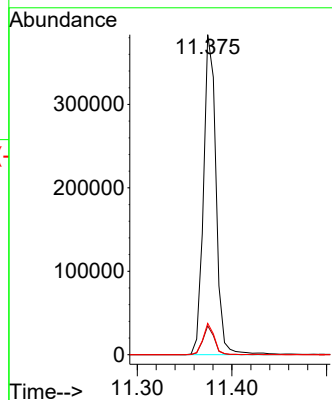
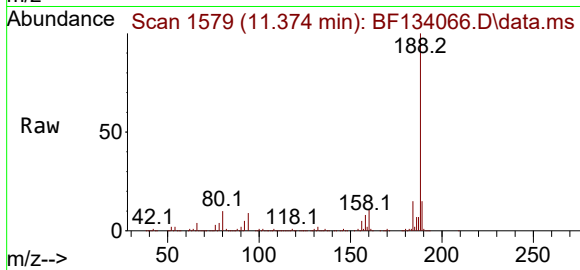
Tgt Ion:188 Resp: 353651

Ion Ratio Lower Upper

188 100

94 9.0 6.4 9.6

80 9.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

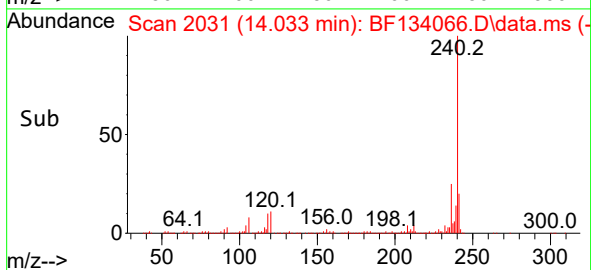
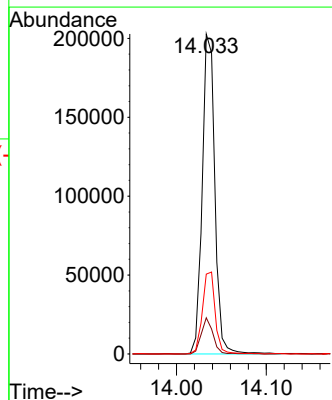
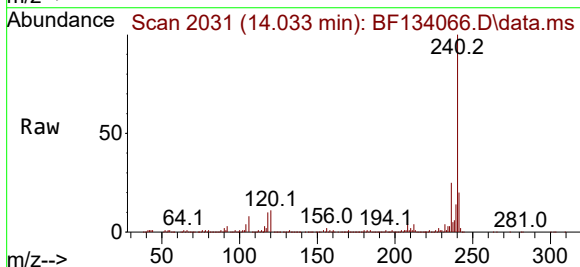
Tgt Ion:240 Resp: 198278

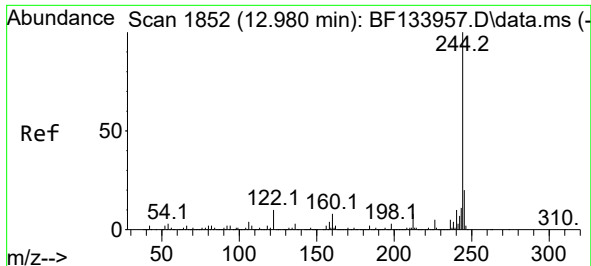
Ion Ratio Lower Upper

240 100

120 11.3 7.4 11.0#

236 24.9 21.0 31.6

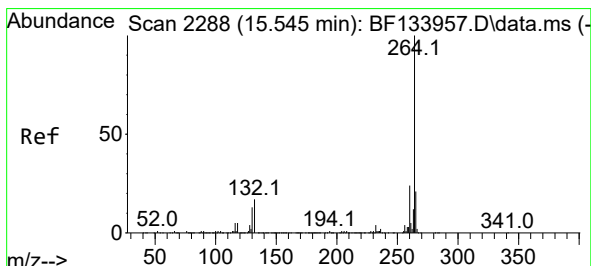
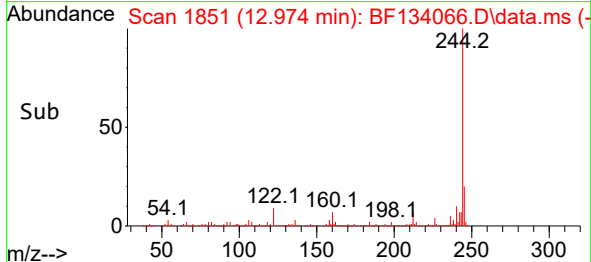
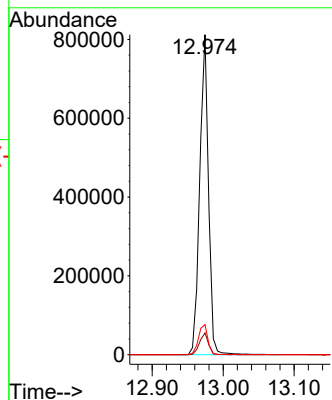
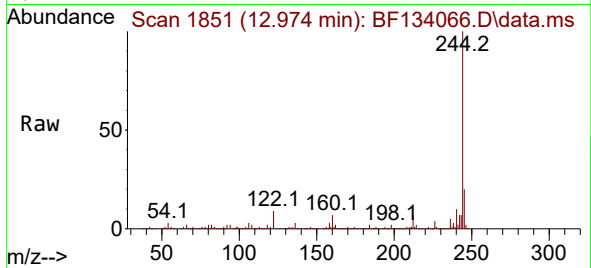




#79
 Terphenyl-d14
 Concen: 56.628 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134066.D
 Acq: 30 Jun 2023 23:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(0-2)

Tgt Ion:244 Resp: 697648
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134066.D
 Acq: 30 Jun 2023 23:05

Tgt Ion:264 Resp: 220665
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 23.0 16.6 25.0

