

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134226.D
 Acq On : 11 Jul 2023 22:28
 Operator : CG\JU
 Sample : 03412-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-1

Quant Time: Jul 12 01:57:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	122255	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	467441	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	217914	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	365936	20.000	ng	0.00
76) Chrysene-d12	14.033	240	222365	20.000	ng	0.00
86) Perylene-d12	15.539	264	211073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	602894	82.492	ng	0.00
7) Phenol-d6	6.481	99	713386	79.370	ng	0.00
23) Nitrobenzene-d5	7.404	82	495260	57.113	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	198997	72.834	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	926986	61.847	ng	0.00
79) Terphenyl-d14	12.969	244	742593	53.747	ng	0.00

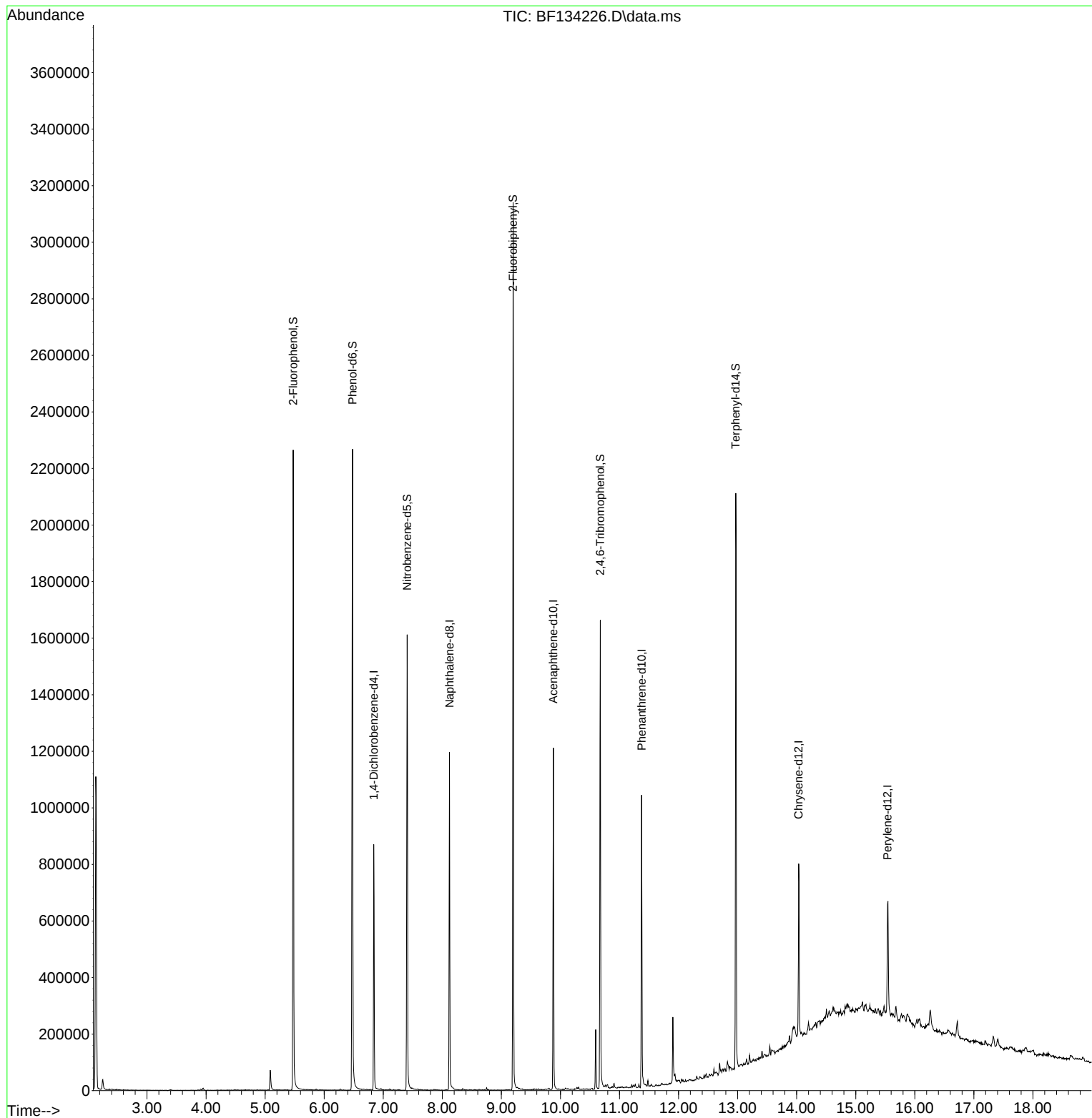
Target Compounds	Qvalue

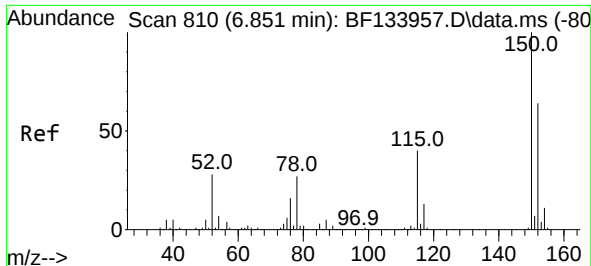
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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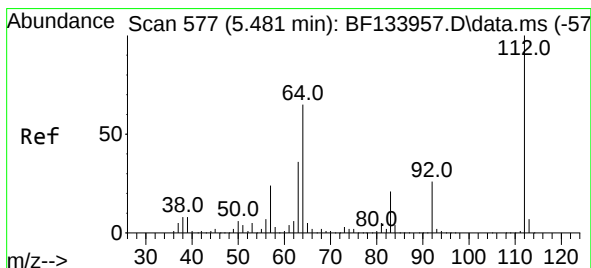
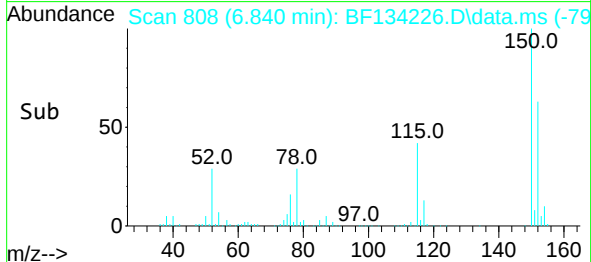
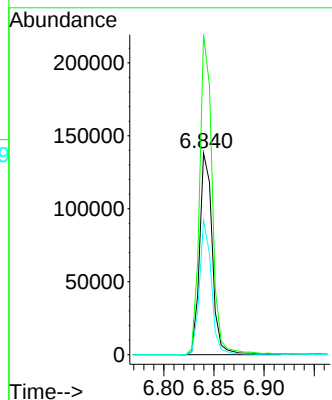
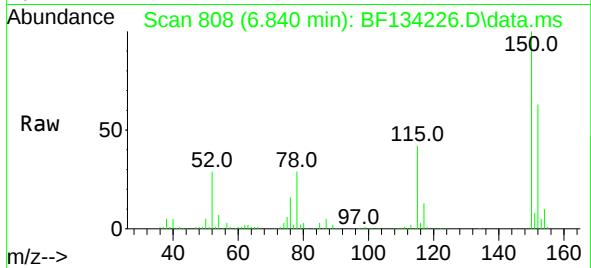




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134226.D
Acq: 11 Jul 2023 22:28

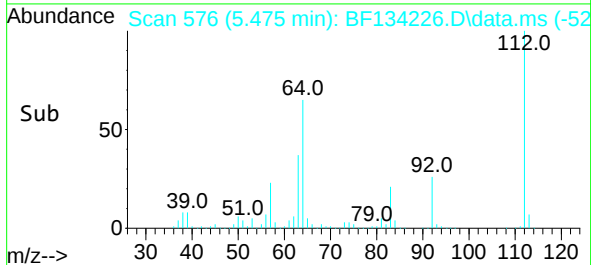
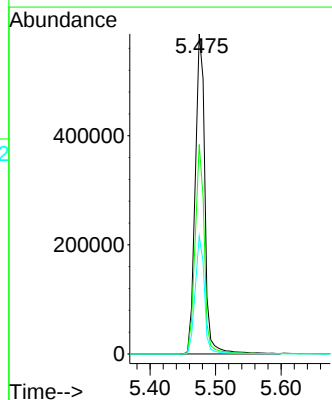
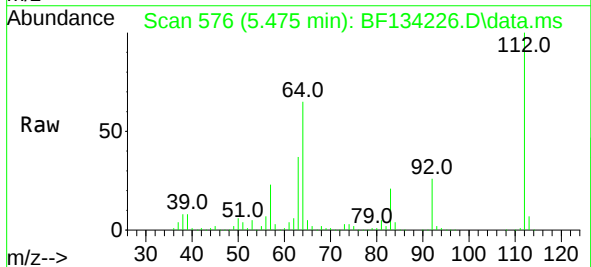
Instrument :
BNA_F
ClientSampleId :
DUCT-1

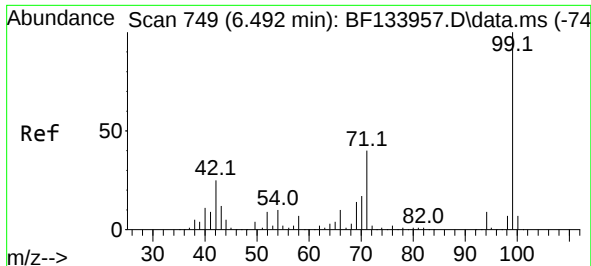
Tgt Ion:152 Resp: 122255
Ion Ratio Lower Upper
152 100
150 158.8 124.5 186.7
115 66.8 50.2 75.2



#5
2-Fluorophenol
Concen: 82.492 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF134226.D
Acq: 11 Jul 2023 22:28

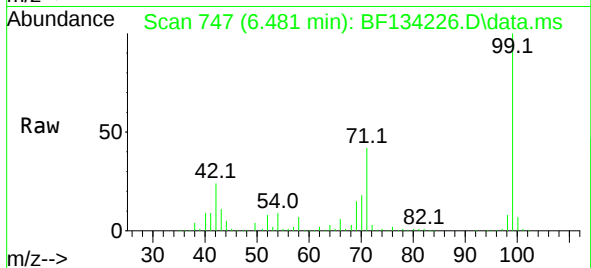
Tgt Ion:112 Resp: 602894
Ion Ratio Lower Upper
112 100
64 65.5 52.1 78.1
63 36.8 28.6 42.8





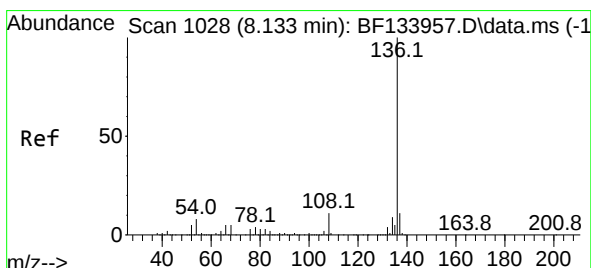
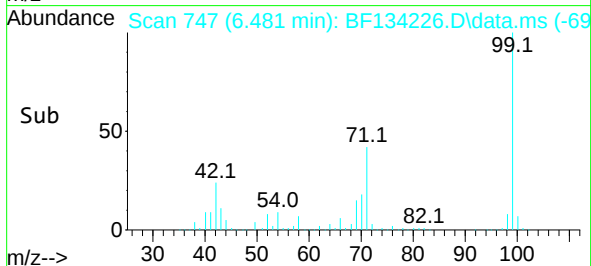
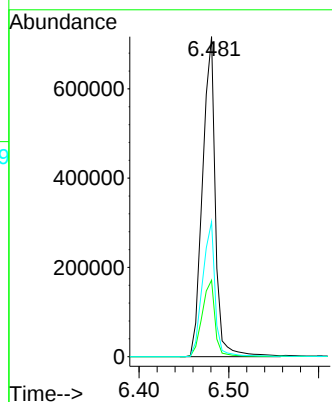
#7
Phenol-d6
Concen: 79.370 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134226.D
Acq: 11 Jul 2023 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-1



Tgt Ion: 99 Resp: 713386

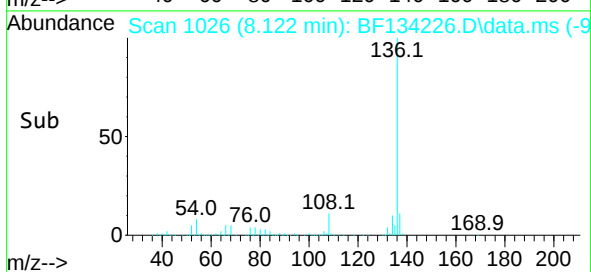
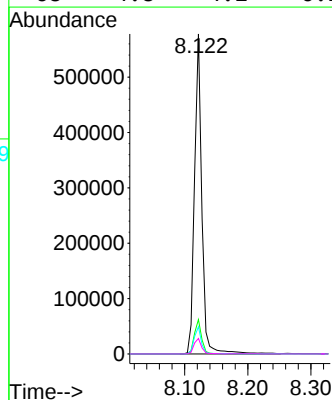
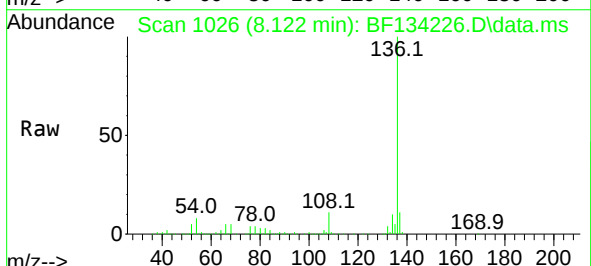
Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.8	29.6
71	42.1	31.9	47.9

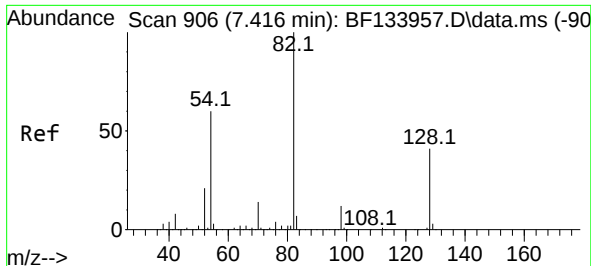


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134226.D
Acq: 11 Jul 2023 22:28

Tgt Ion: 136 Resp: 467441

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.5	6.5	9.7
68	4.8	4.2	6.2





#23

Nitrobenzene-d5

Concen: 57.113 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134226.D

Acq: 11 Jul 2023 22:28

Instrument :

BNA_F

ClientSampleId :

DUCT-1

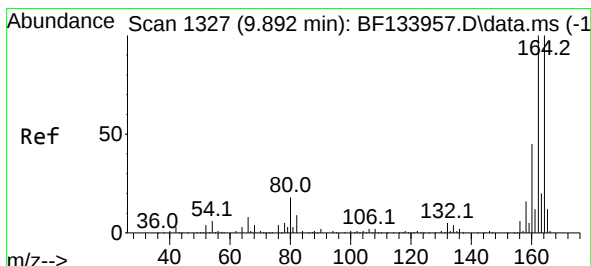
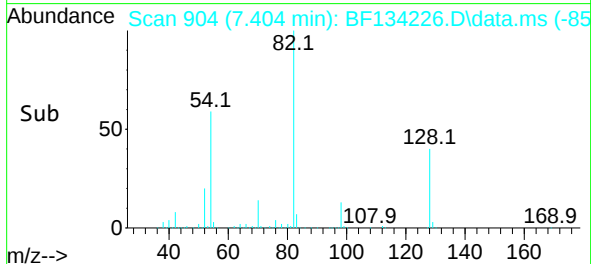
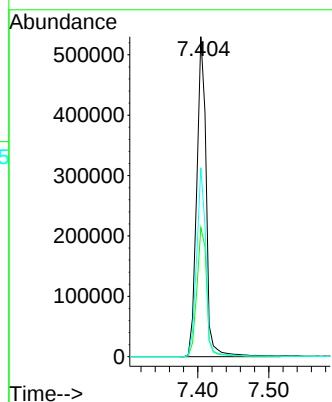
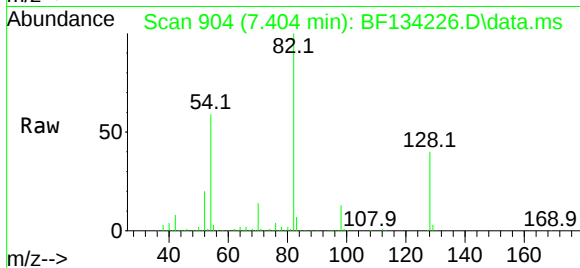
Tgt Ion: 82 Resp: 495260

Ion Ratio Lower Upper

82 100

128 40.3 32.5 48.7

54 59.0 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF134226.D

Acq: 11 Jul 2023 22:28

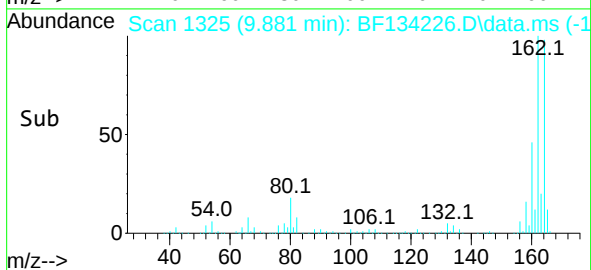
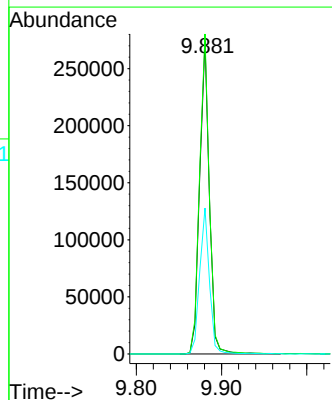
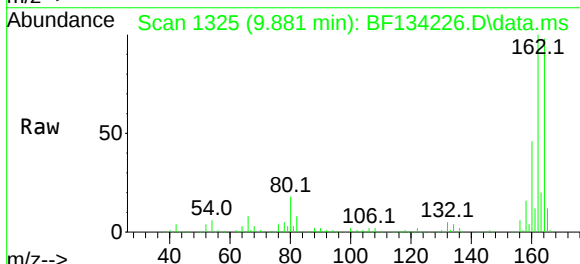
Tgt Ion:164 Resp: 217914

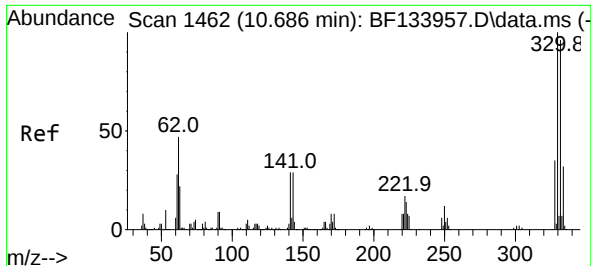
Ion Ratio Lower Upper

164 100

162 102.2 80.0 120.0

160 46.6 35.9 53.9

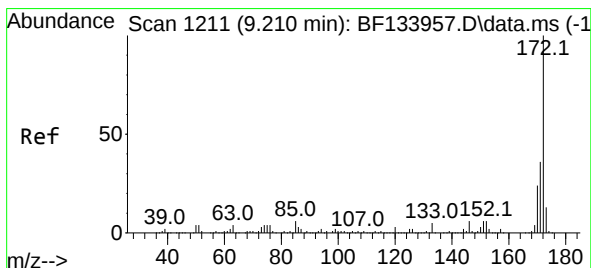
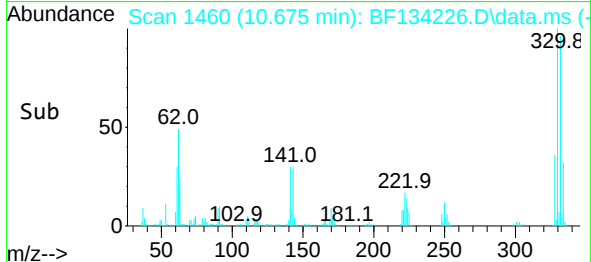
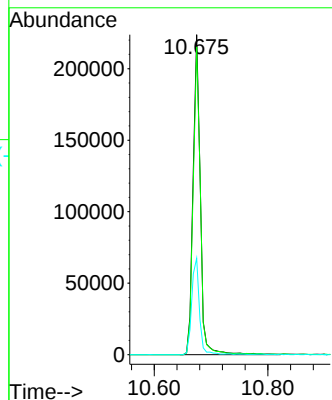
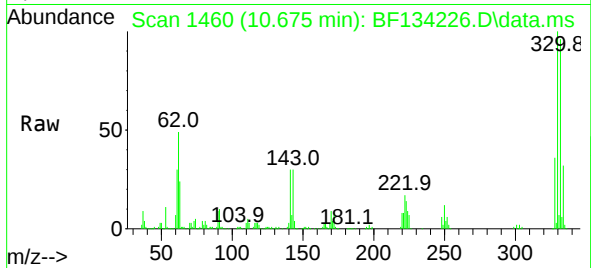




#42
2,4,6-Tribromophenol
Concen: 72.834 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134226.D
Acq: 11 Jul 2023 22:28

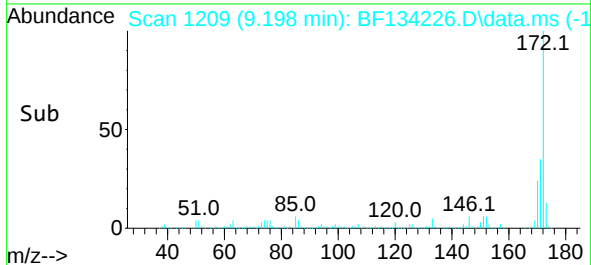
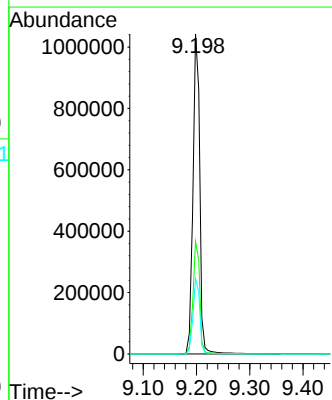
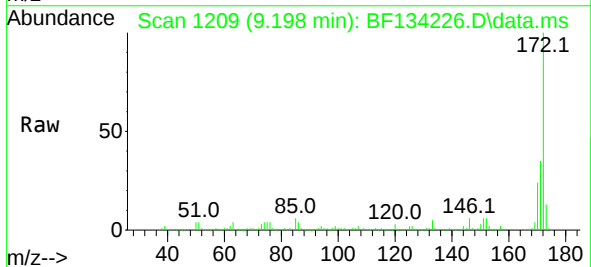
Instrument :
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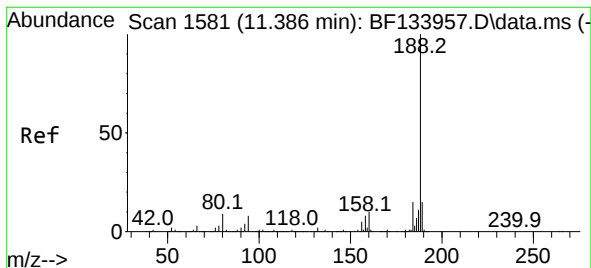
Tgt Ion:330 Resp: 198997
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 31.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 61.847 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134226.D
Acq: 11 Jul 2023 22:28

Tgt Ion:172 Resp: 926986
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134226.D

Acq: 11 Jul 2023 22:28

Instrument :

BNA_F

ClientSampleId :

DUCT-1

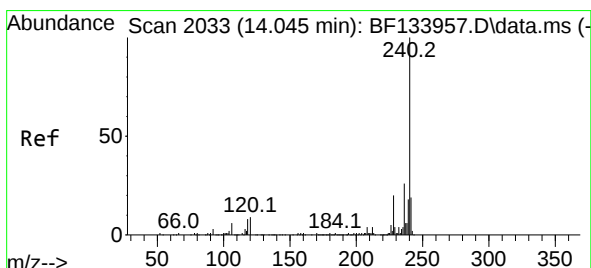
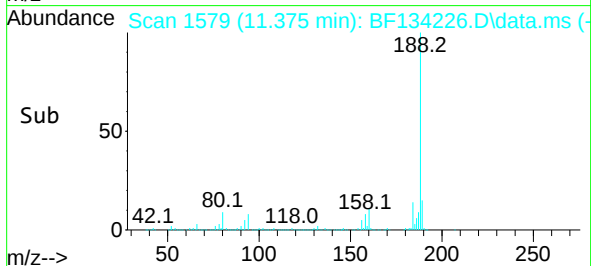
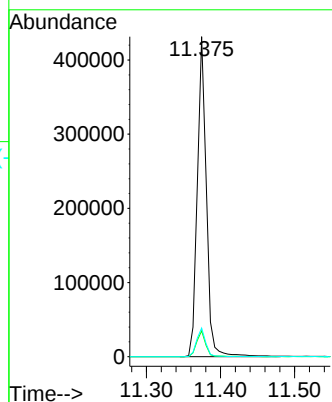
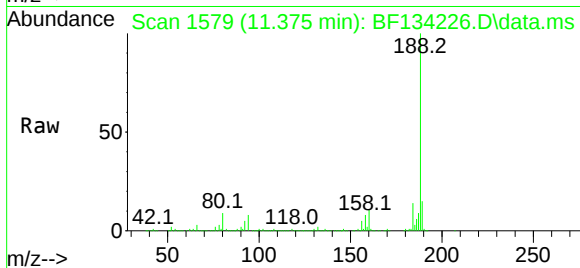
Tgt Ion:188 Resp: 365936

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134226.D

Acq: 11 Jul 2023 22:28

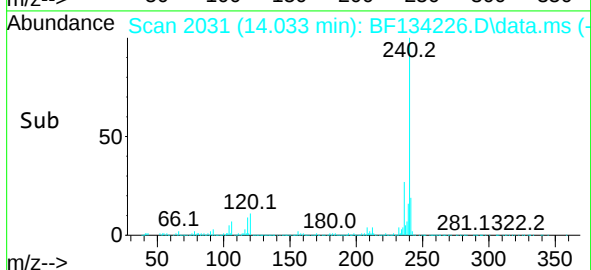
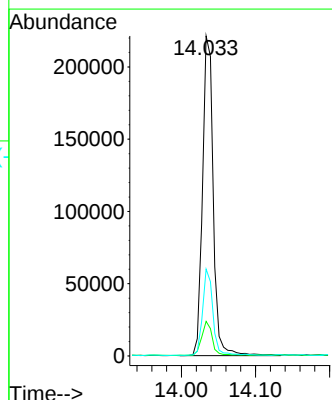
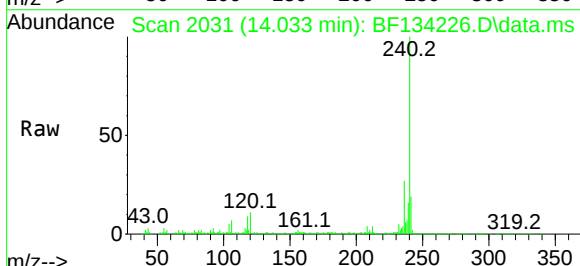
Tgt Ion:240 Resp: 222365

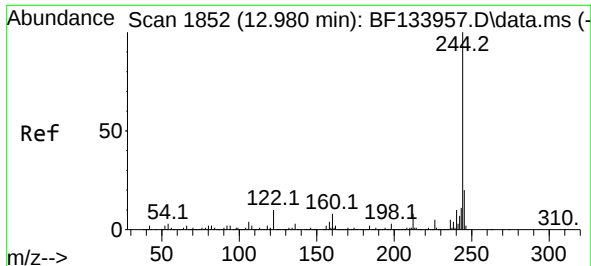
Ion Ratio Lower Upper

240 100

120 10.8 7.4 11.0

236 27.2 21.0 31.6

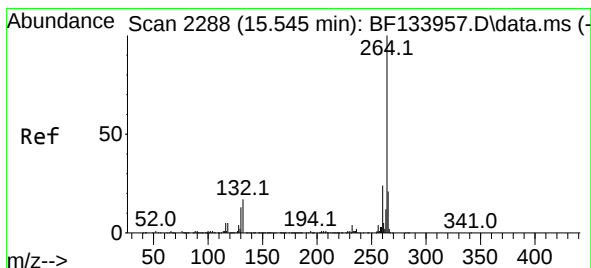
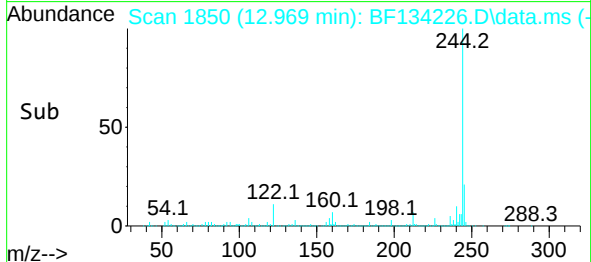
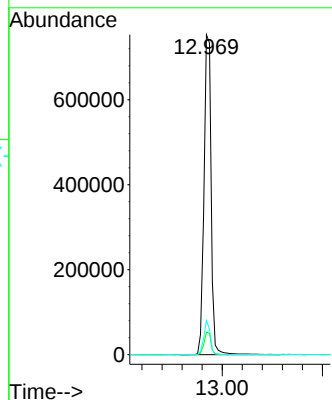
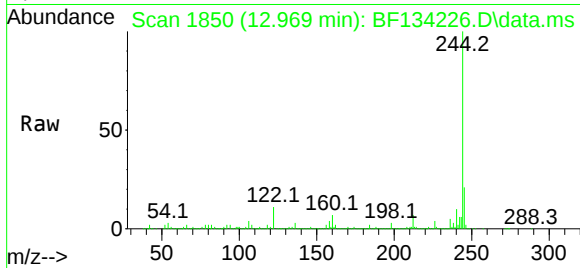




#79
 Terphenyl-d14
 Concen: 53.747 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134226.D
 Acq: 11 Jul 2023 22:28

Instrument :
 BNA_F
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 DUCT-1

Tgt Ion:244 Resp: 742593
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134226.D
 Acq: 11 Jul 2023 22:28

Tgt Ion:264 Resp: 211073
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.7 16.6 25.0

