

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133619.D
 Acq On : 07 Jun 2023 12:09
 Operator : CG\JU
 Sample : 03002-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-48

Quant Time: Jun 07 16:03:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 07 11:27:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	135517	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	524090	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	259782	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	487466	20.000	ng	0.00
76) Chrysene-d12	14.010	240	297783	20.000	ng	0.00
86) Perylene-d12	15.468	264	271281	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	451806	55.626	ng	0.00
7) Phenol-d6	6.451	99	356293	35.634	ng	-0.02
23) Nitrobenzene-d5	7.404	82	794823	101.260	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	369964	142.868	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1393422	82.787	ng	0.00
79) Terphenyl-d14	12.957	244	1554118	92.792	ng	0.00

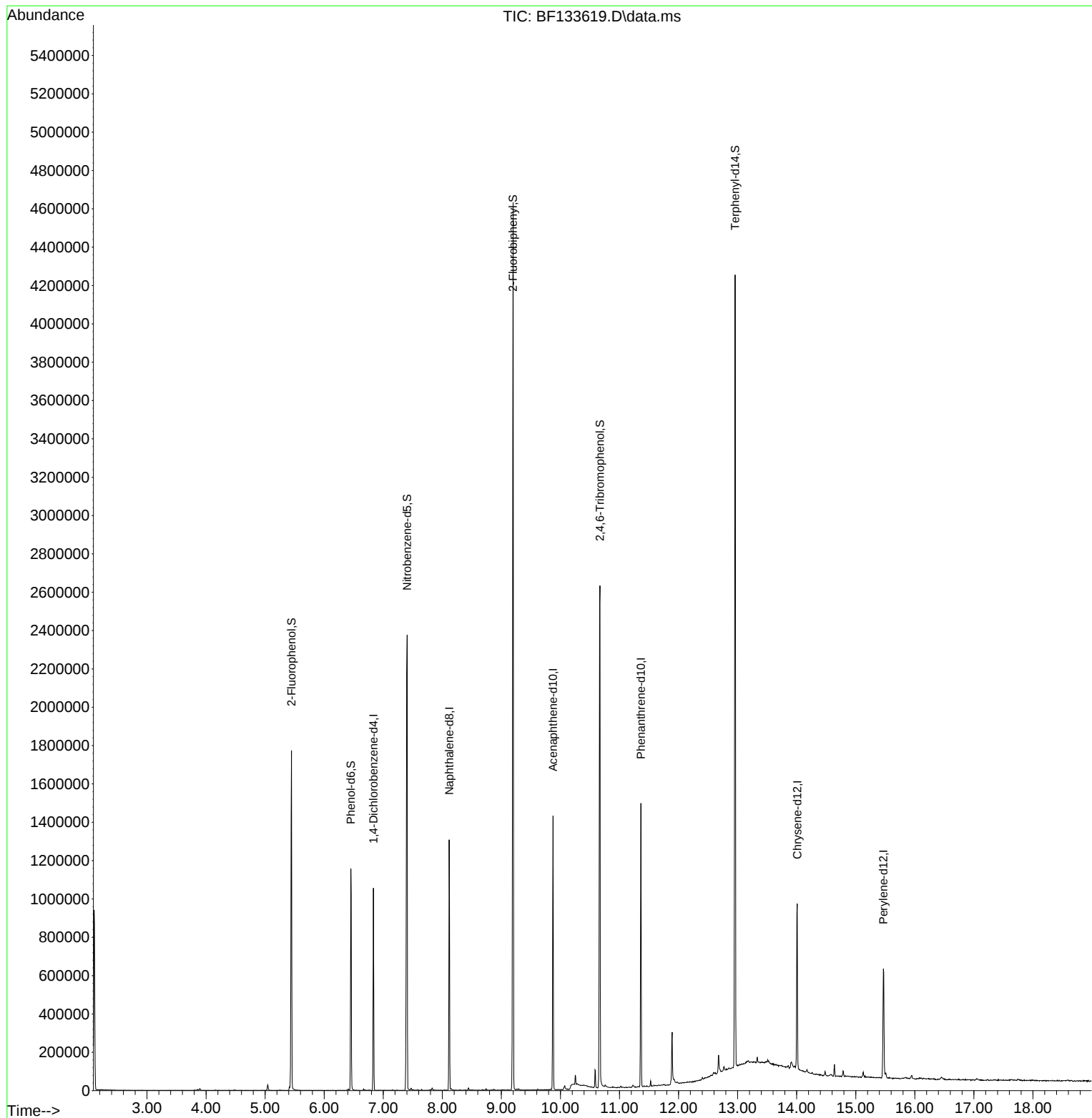
Target Compounds	Qvalue

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

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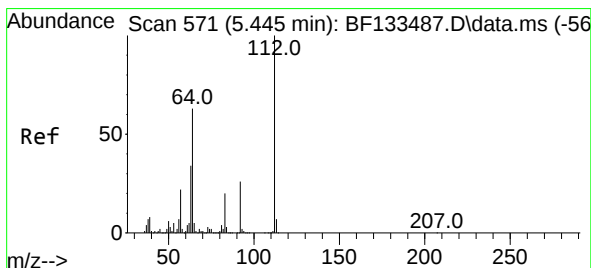
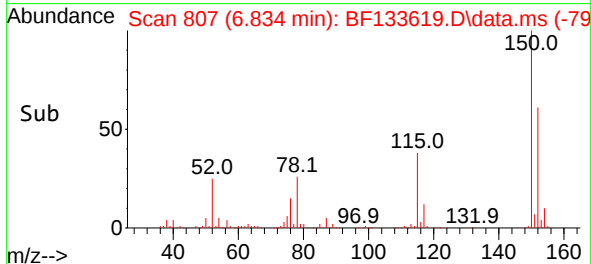
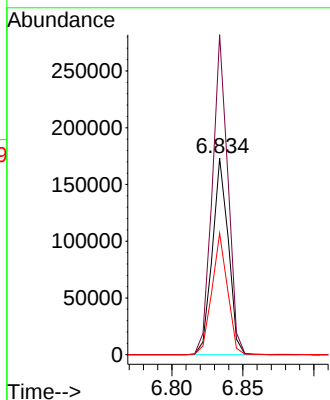
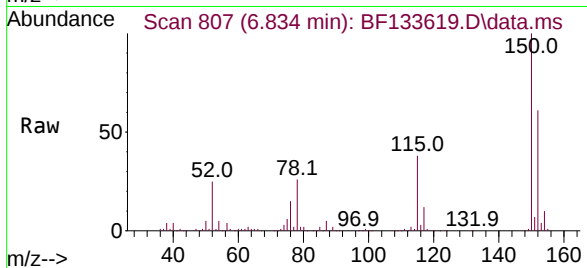




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

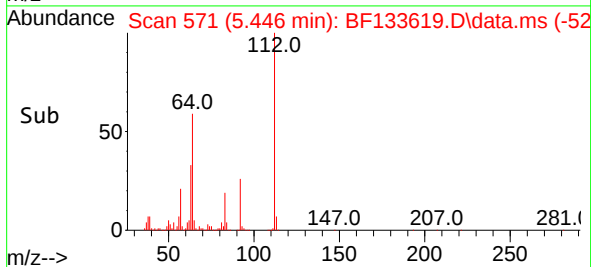
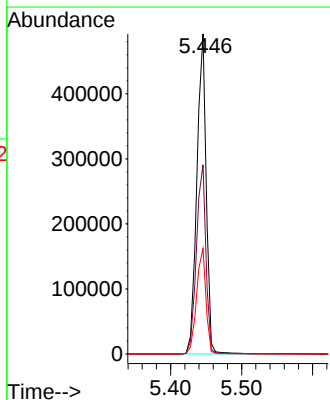
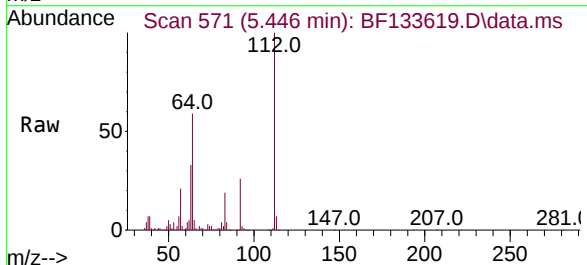
Instrument :
BNA_F
ClientSampleId :
MW-48

Tgt Ion:152 Resp: 135517
Ion Ratio Lower Upper
152 100
150 162.7 124.9 187.3
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 55.626 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Tgt Ion:112 Resp: 451806
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 33.0 27.5 41.3

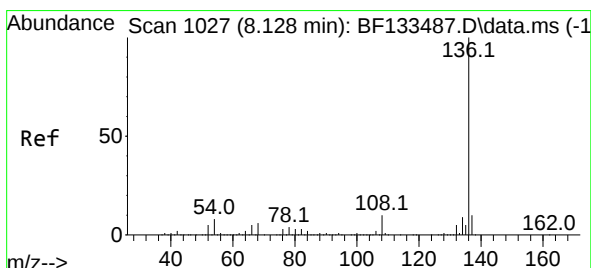
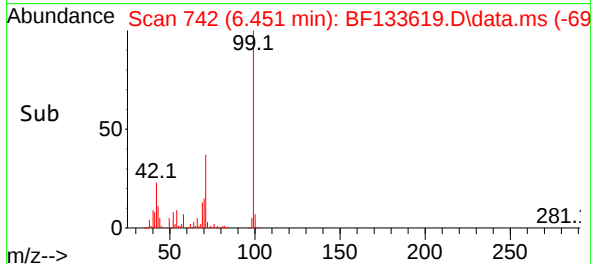
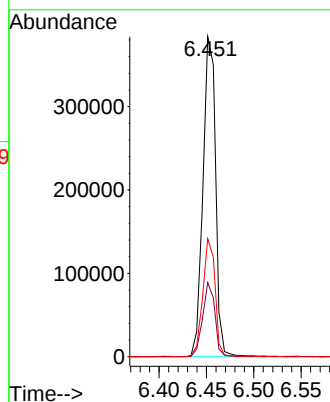
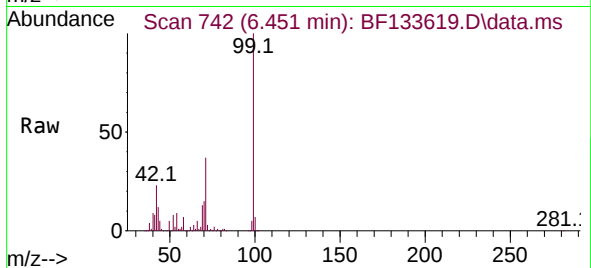




#7
Phenol-d6
Concen: 35.634 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

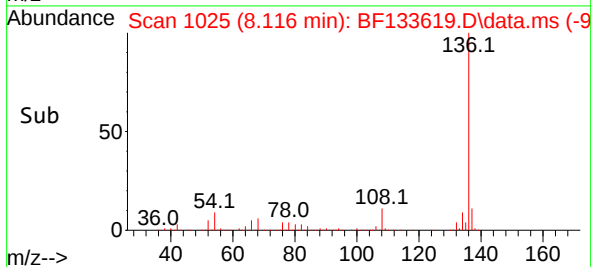
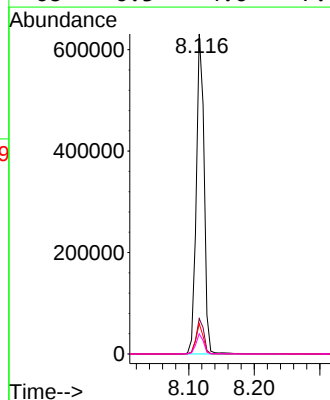
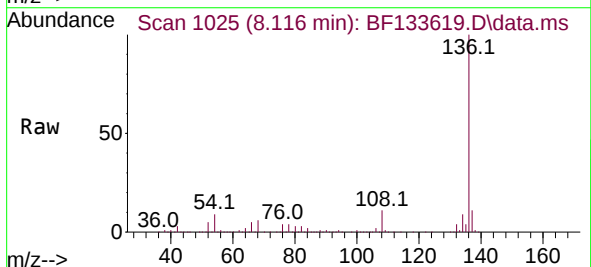
Instrument :
BNA_F
ClientSampleId :
MW-48

Tgt Ion: 99 Resp: 356293
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 36.9 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Tgt Ion: 136 Resp: 524090
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 9.5 6.6 10.0
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 101.260 ng

RT: 7.404 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133619.D

Acq: 07 Jun 2023 12:09

Instrument :

BNA_F

ClientSampleId :

MW-48

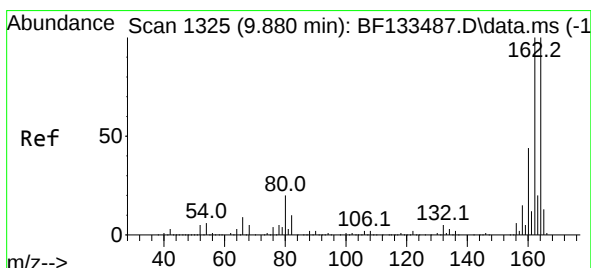
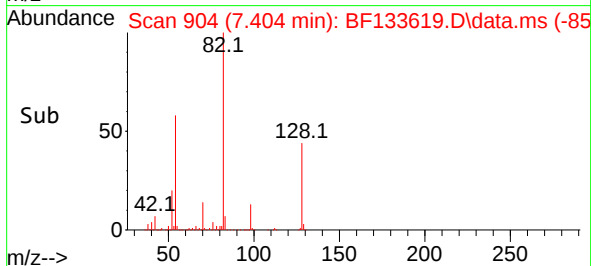
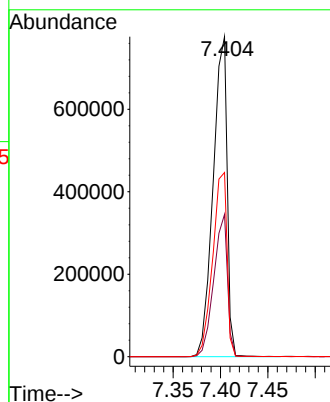
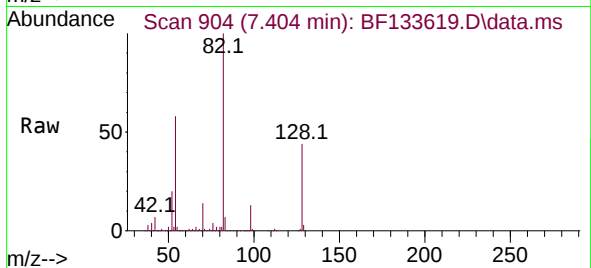
Tgt Ion: 82 Resp: 794823

Ion Ratio Lower Upper

82 100

128 44.5 34.2 51.4

54 57.5 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133619.D

Acq: 07 Jun 2023 12:09

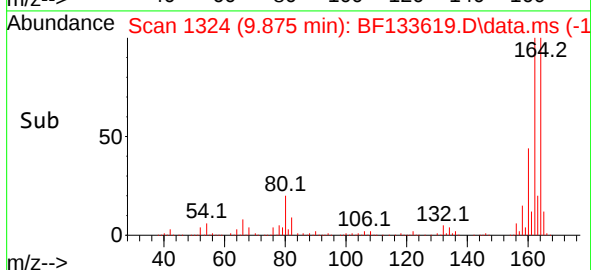
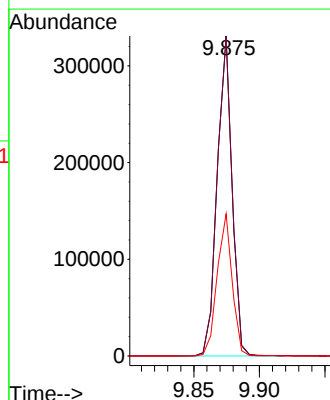
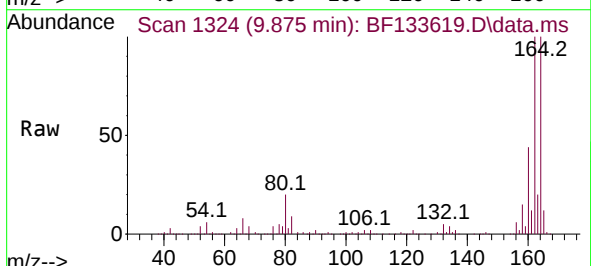
Tgt Ion: 164 Resp: 259782

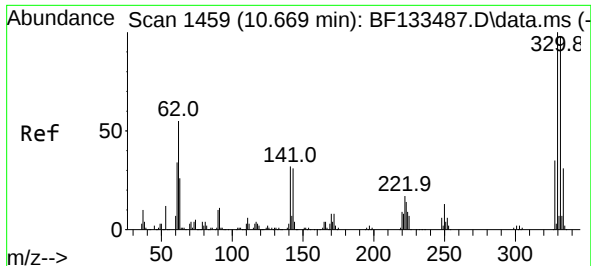
Ion Ratio Lower Upper

164 100

162 99.8 79.7 119.5

160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 142.868 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133619.D

Acq: 07 Jun 2023 12:09

Instrument :

BNA_F

ClientSampleId :

MW-48

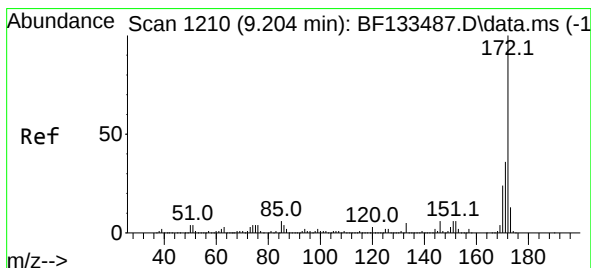
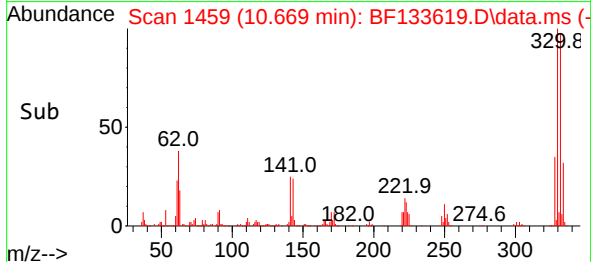
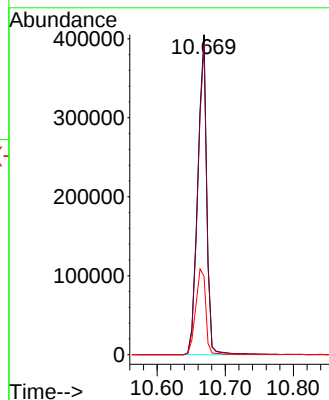
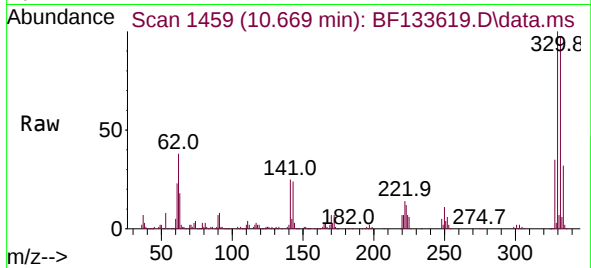
Tgt Ion:330 Resp: 369964

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

141 30.0 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 82.787 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133619.D

Acq: 07 Jun 2023 12:09

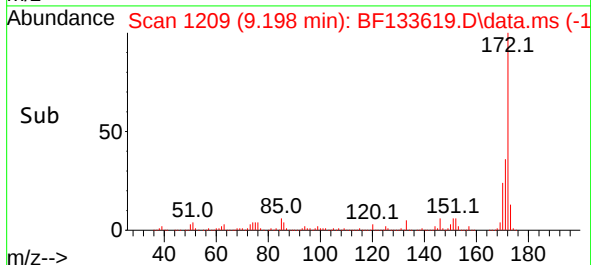
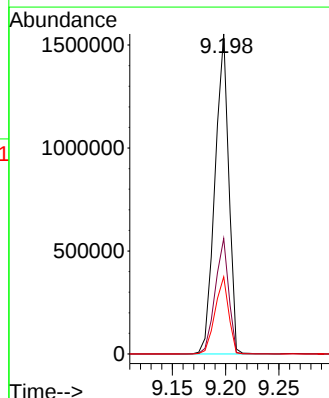
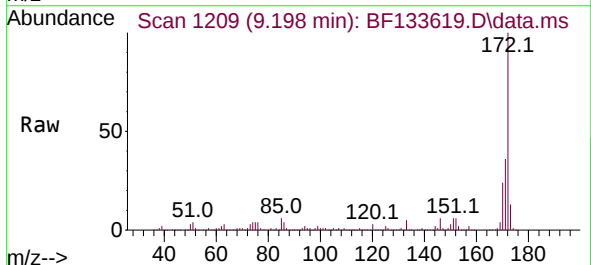
Tgt Ion:172 Resp: 1393422

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.1 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF133619.D

Acq: 07 Jun 2023 12:09

Instrument :

BNA_F

ClientSampleId :

MW-48

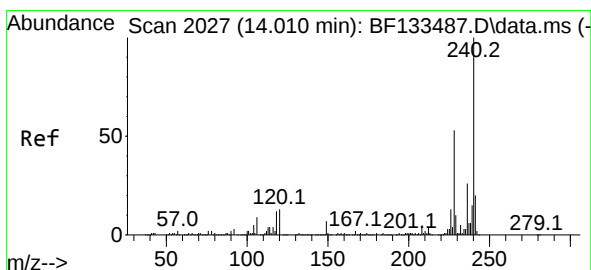
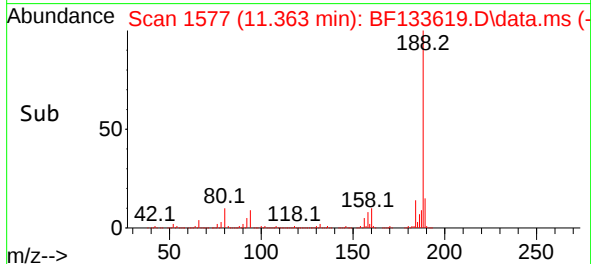
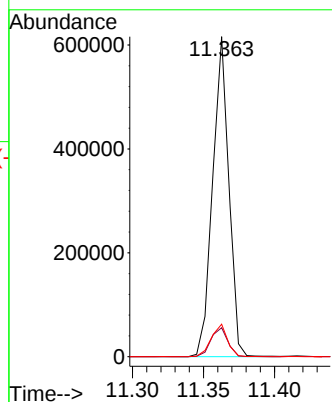
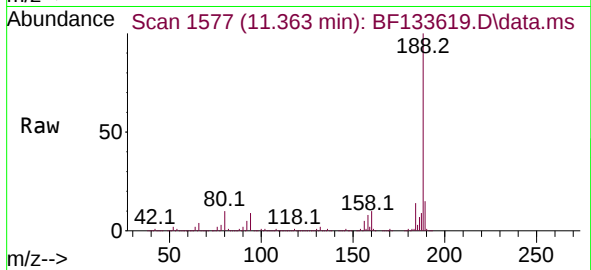
Tgt Ion:188 Resp: 487466

Ion Ratio Lower Upper

188 100

94 9.1 8.6 12.8

80 10.1 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF133619.D

Acq: 07 Jun 2023 12:09

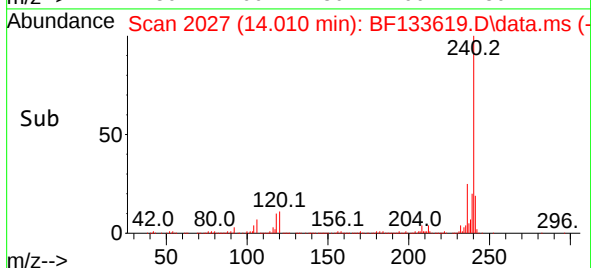
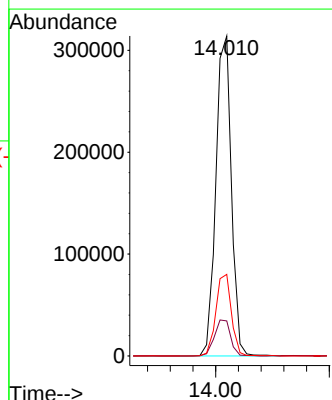
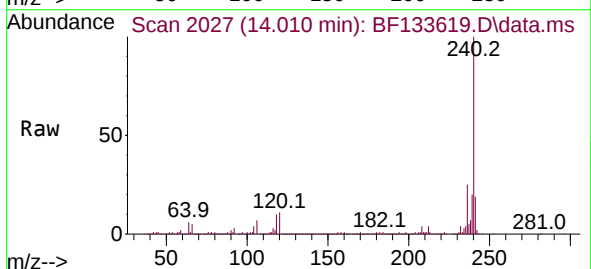
Tgt Ion:240 Resp: 297783

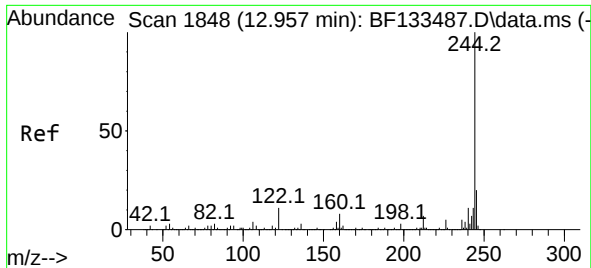
Ion Ratio Lower Upper

240 100

120 10.9 10.3 15.5

236 25.5 20.5 30.7

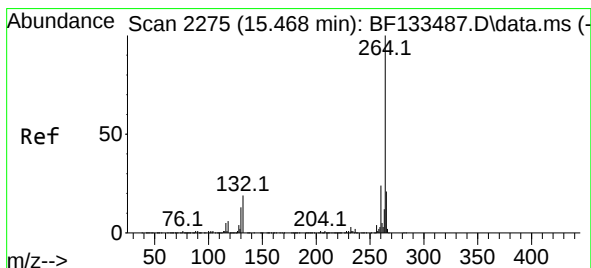
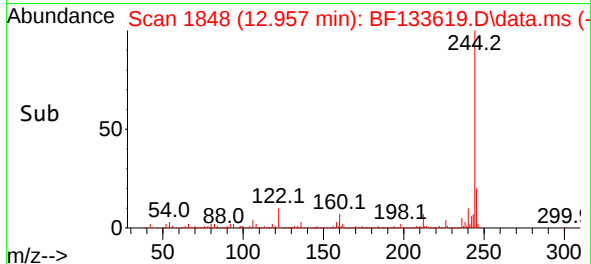
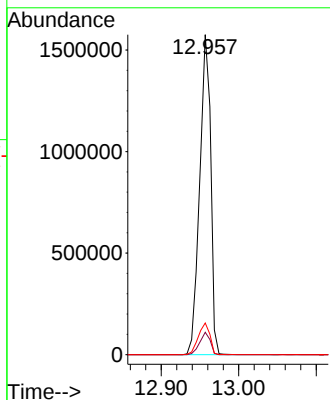
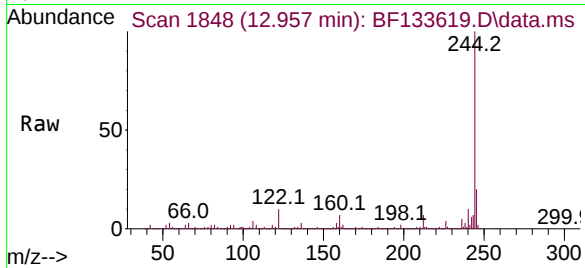




#79
 Terphenyl-d14
 Concen: 92.792 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133619.D
 Acq: 07 Jun 2023 12:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-48

Tgt Ion:244 Resp: 1554118
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF133619.D
 Acq: 07 Jun 2023 12:09

Tgt Ion:264 Resp: 271281
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.5 16.8 25.2

