

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133635.D
 Acq On : 08 Jun 2023 11:25
 Operator : CG\JU
 Sample : 03016-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB28

Quant Time: Jun 08 13:00:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

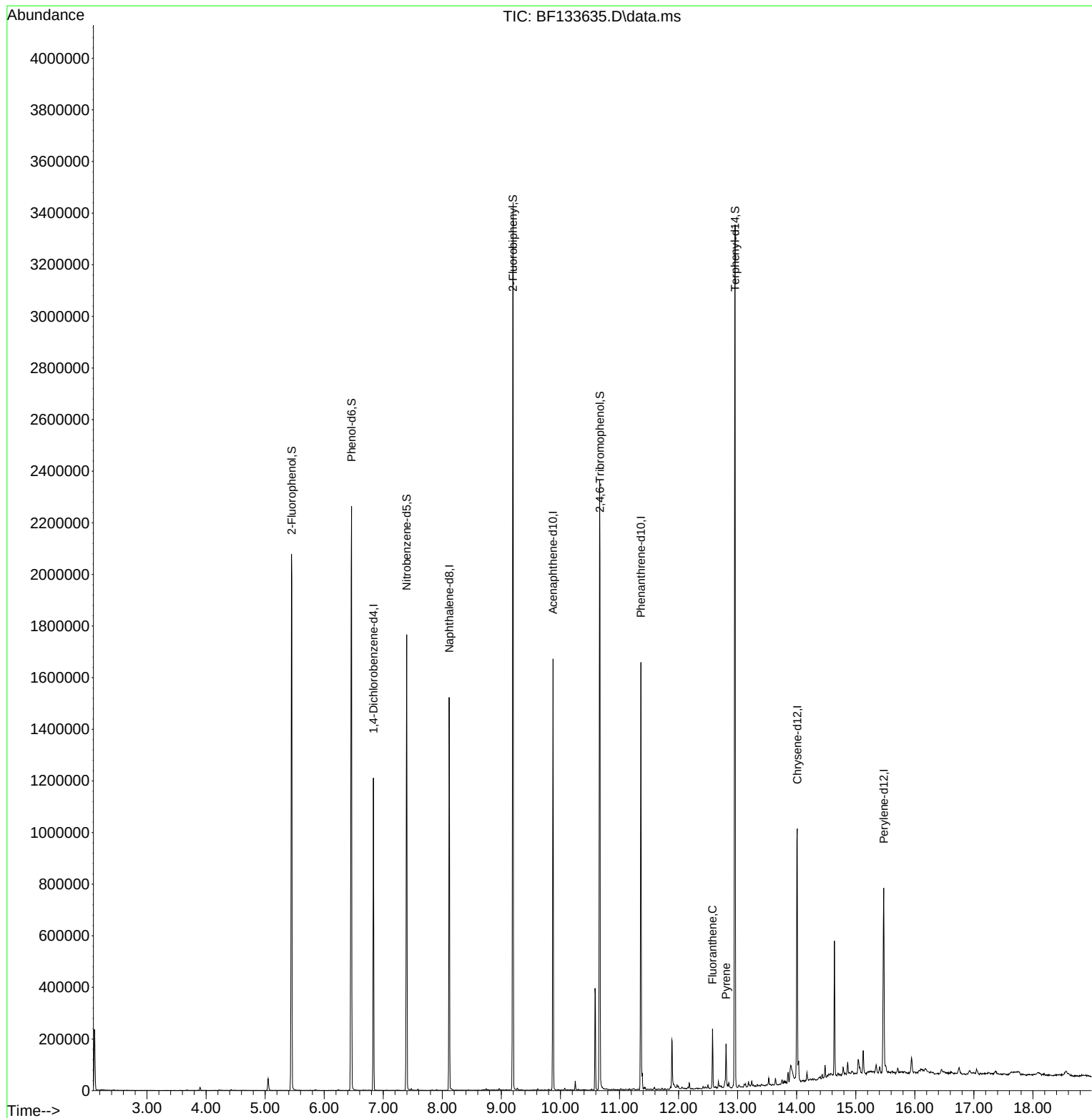
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	158255	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	599655	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	298352	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	555197	20.000	ng	0.00
76) Chrysene-d12	14.010	240	334690	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	324609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	585675	61.747	ng	0.00
7) Phenol-d6	6.463	99	765092	65.526	ng	0.00
23) Nitrobenzene-d5	7.398	82	487140	54.241	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	316732	106.500	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1052108	54.428	ng	0.00
79) Terphenyl-d14	12.957	244	1227699	65.219	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.574	202	83415	2.686	ng	97
78) Pyrene	12.804	202	63742	2.238	ng	99

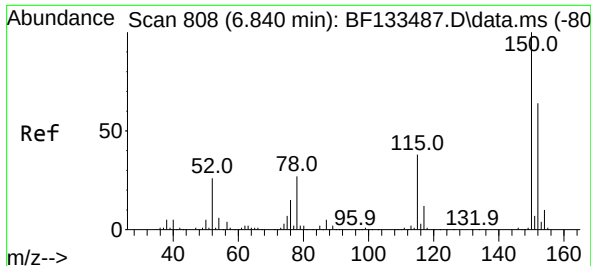
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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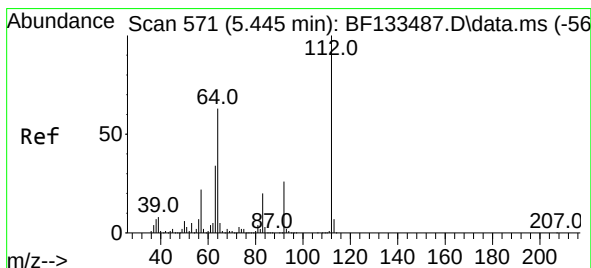
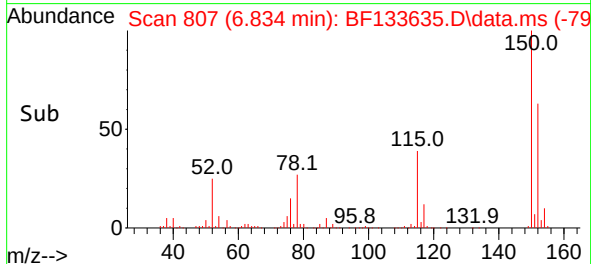
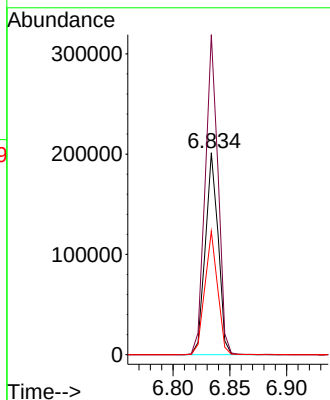
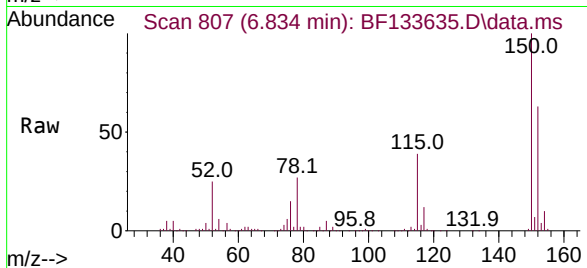




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133635.D
Acq: 08 Jun 2023 11:25

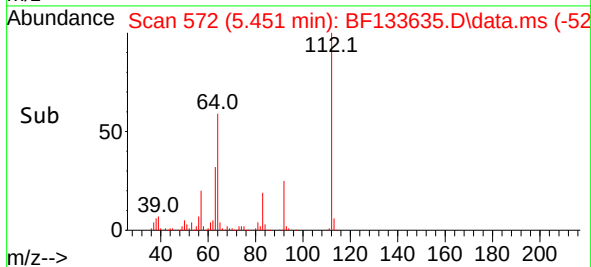
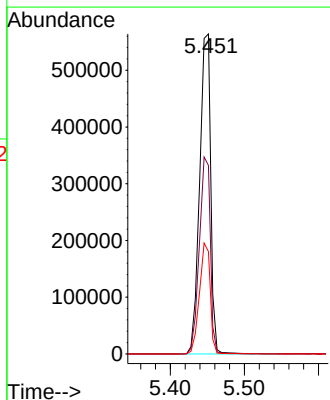
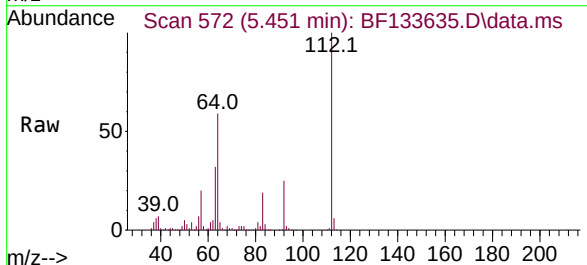
Instrument :
BNA_F
ClientSampleId :
SB28

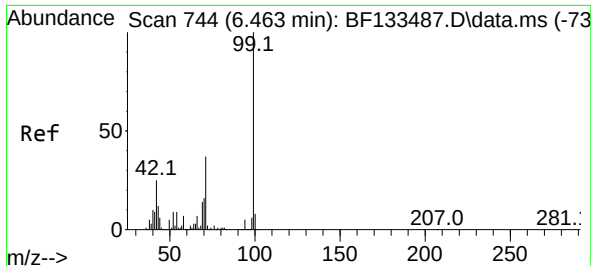
Tgt Ion:152 Resp: 158255
Ion Ratio Lower Upper
152 100
150 158.5 124.9 187.3
115 61.1 48.1 72.1



#5
2-Fluorophenol
Concen: 61.747 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133635.D
Acq: 08 Jun 2023 11:25

Tgt Ion:112 Resp: 585675
Ion Ratio Lower Upper
112 100
64 58.9 50.1 75.1
63 32.0 27.5 41.3

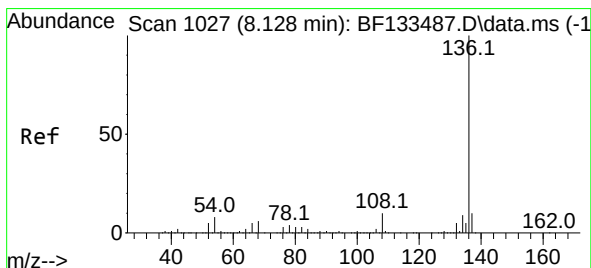
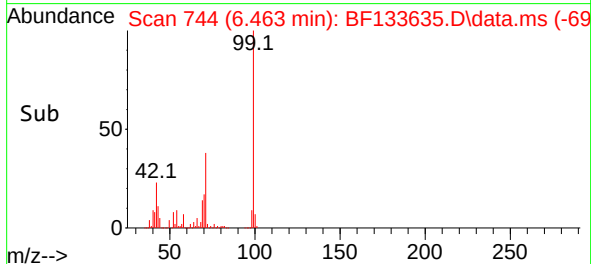
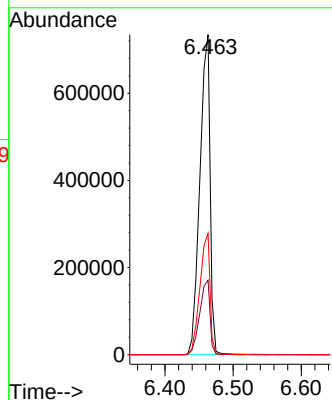
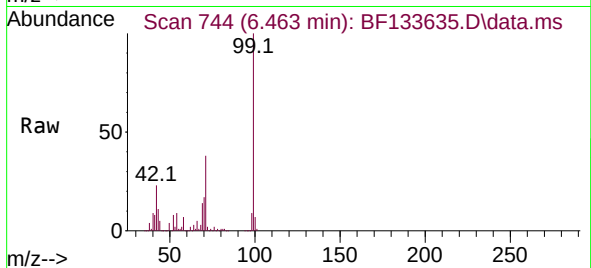




#7
Phenol-d6
Concen: 65.526 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133635.D
Acq: 08 Jun 2023 11:25

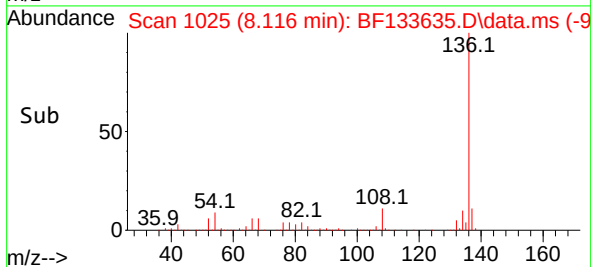
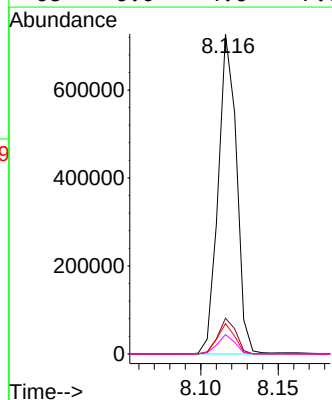
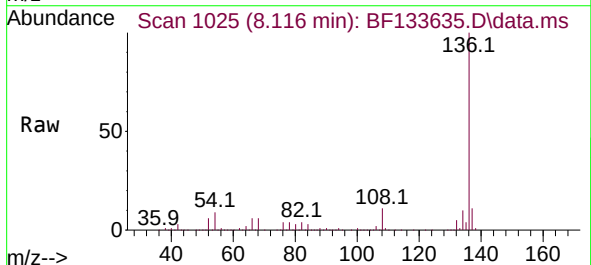
Instrument :
BNA_F
ClientSampleId :
SB28

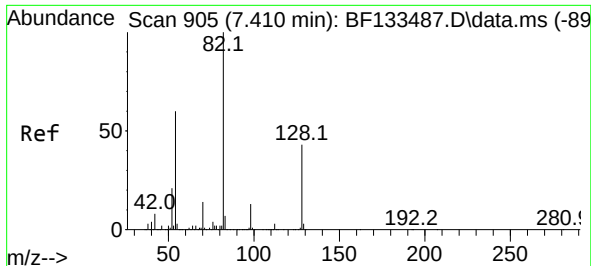
Tgt Ion: 99 Resp: 765092
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 37.9 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133635.D
Acq: 08 Jun 2023 11:25

Tgt Ion: 136 Resp: 599655
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 9.5 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 54.241 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133635.D

Acq: 08 Jun 2023 11:25

Instrument :

BNA_F

ClientSampleId :

SB28

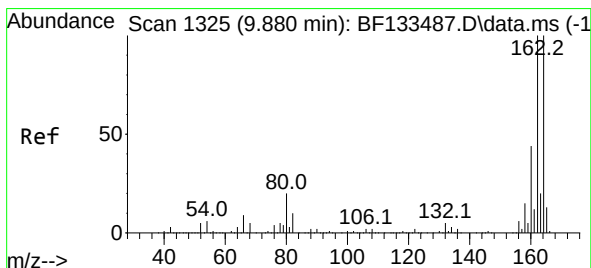
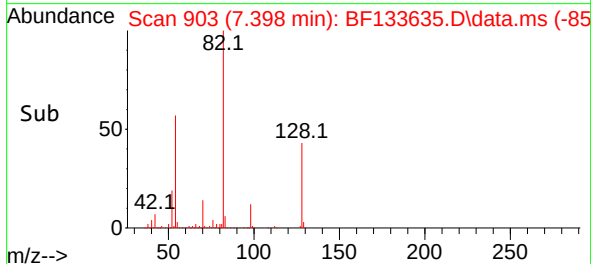
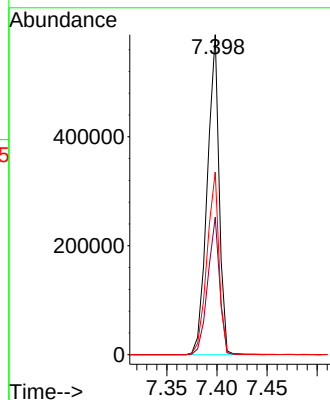
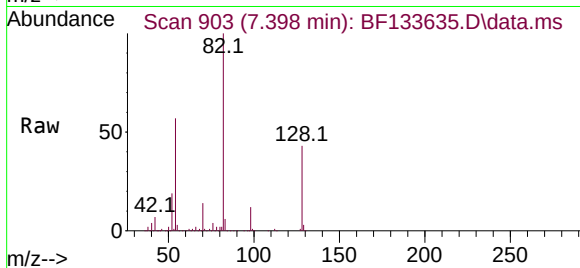
Tgt Ion: 82 Resp: 487140

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.4

54 57.1 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: BF133635.D

Acq: 08 Jun 2023 11:25

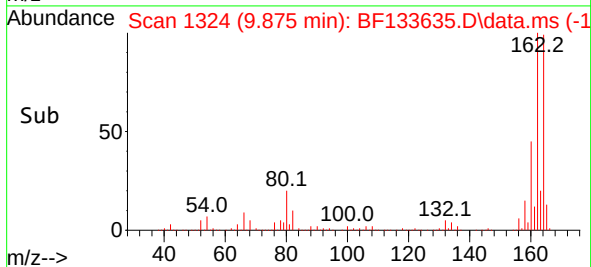
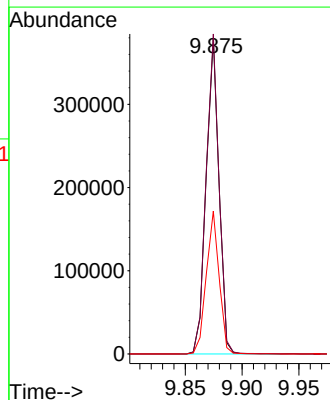
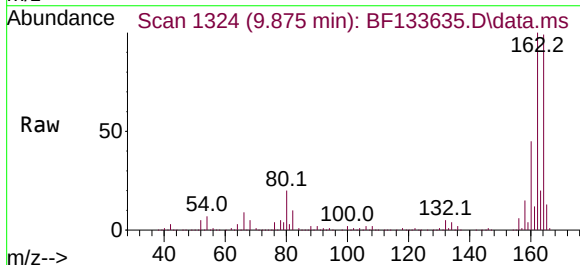
Tgt Ion: 164 Resp: 298352

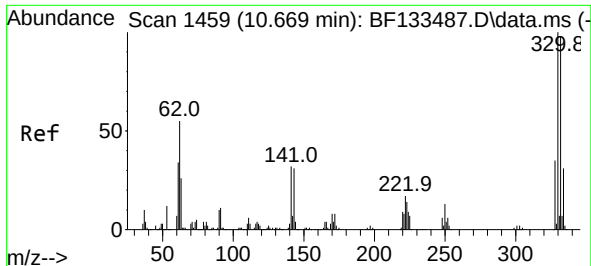
Ion Ratio Lower Upper

164 100

162 101.3 79.7 119.5

160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 106.500 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133635.D

Acq: 08 Jun 2023 11:25

Instrument :

BNA_F

ClientSampleId :

SB28

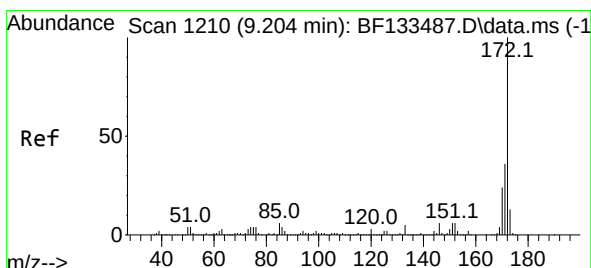
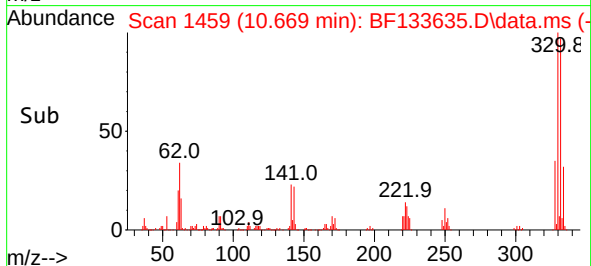
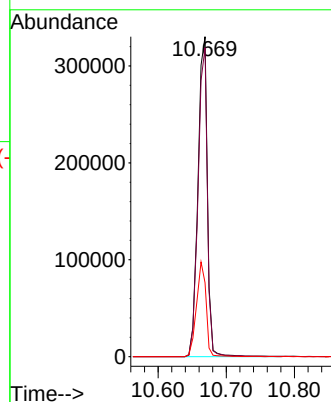
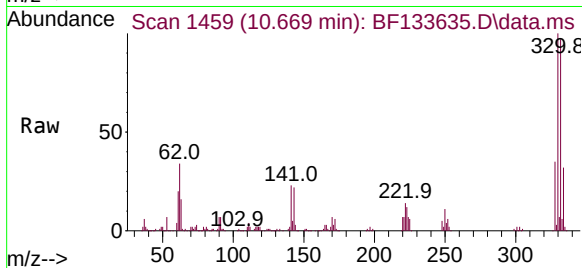
Tgt Ion:330 Resp: 316732

Ion Ratio Lower Upper

330 100

332 95.5 77.8 116.6

141 29.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 54.428 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133635.D

Acq: 08 Jun 2023 11:25

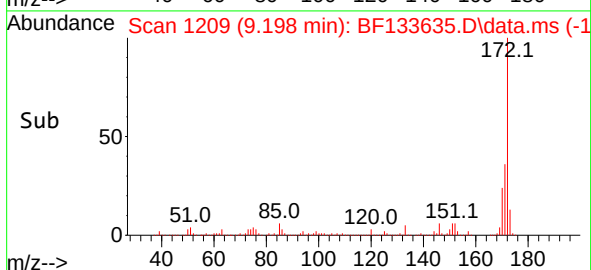
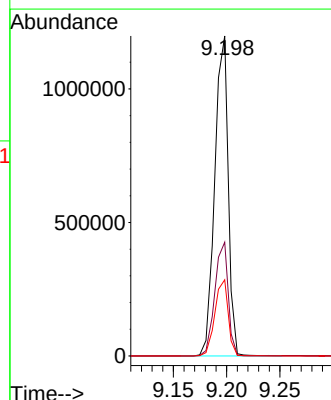
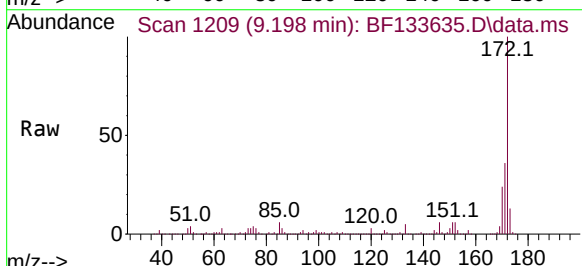
Tgt Ion:172 Resp: 1052108

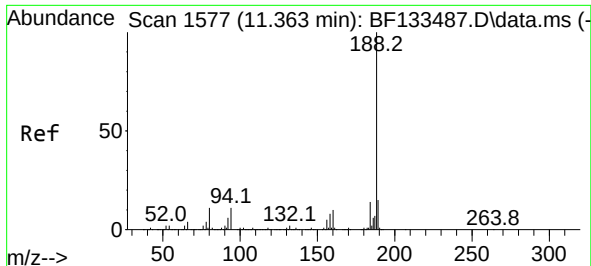
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 19.3 28.9

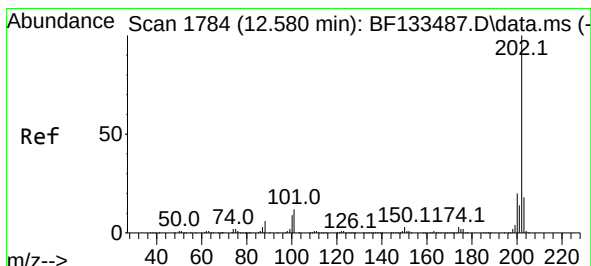
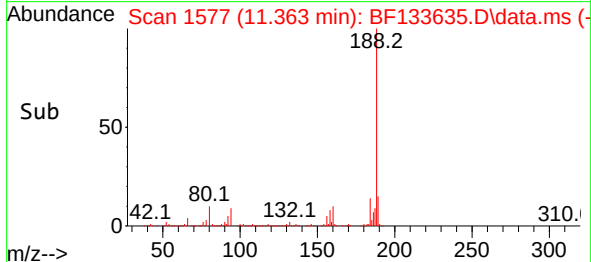
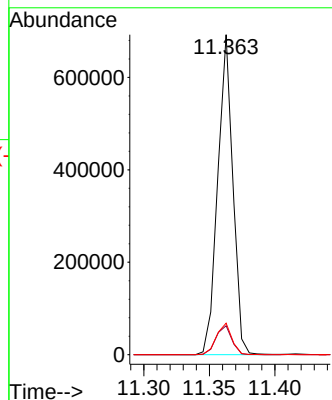
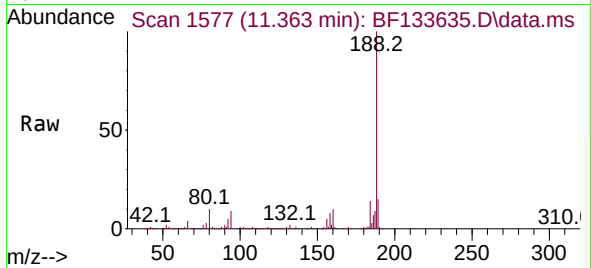




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133635.D
Acq: 08 Jun 2023 11:25

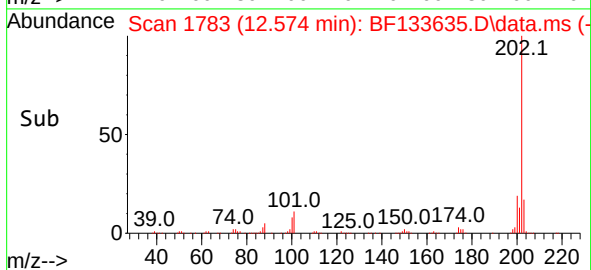
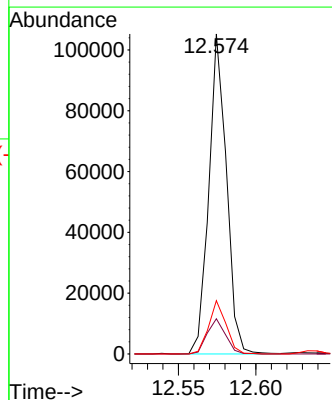
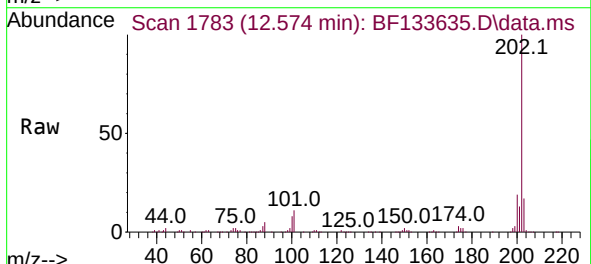
Instrument :
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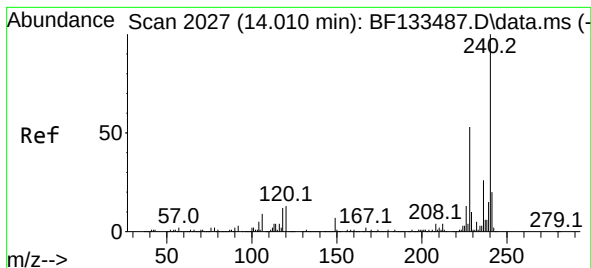
Tgt Ion:188 Resp: 555197
Ion Ratio Lower Upper
188 100
94 9.1 8.6 12.8
80 9.9 9.2 13.8



#75
Fluoranthene
Concen: 2.686 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF133635.D
Acq: 08 Jun 2023 11:25

Tgt Ion:202 Resp: 83415
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.2
203 16.7 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF133635.D

Acq: 08 Jun 2023 11:25

Instrument :

BNA_F

ClientSampleId :

SB28

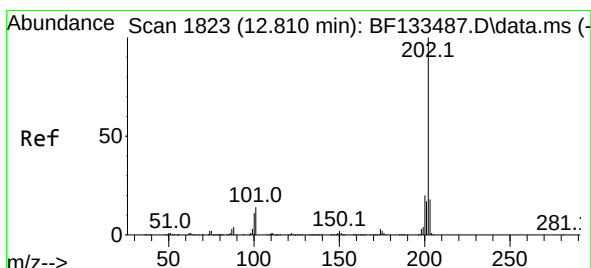
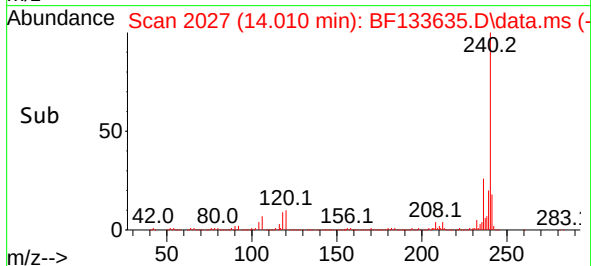
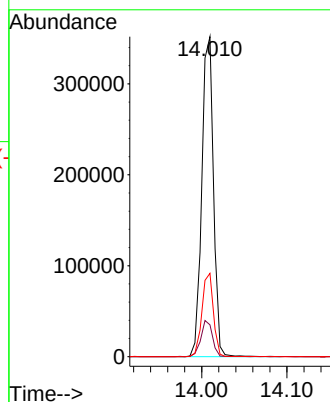
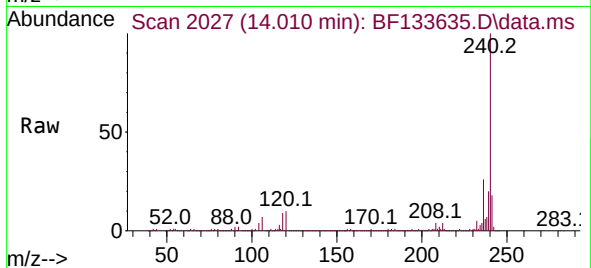
Tgt Ion:240 Resp: 334690

Ion Ratio Lower Upper

240 100

120 9.9 10.3 15.5#

236 26.1 20.5 30.7



#78

Pyrene

Concen: 2.238 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.012 min

Lab File: BF133635.D

Acq: 08 Jun 2023 11:25

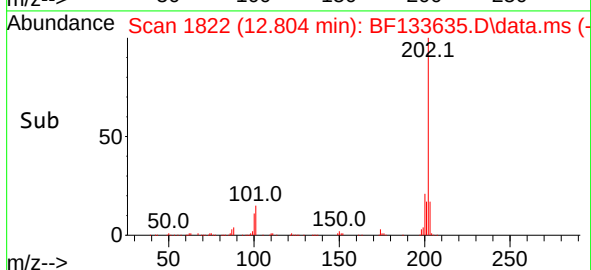
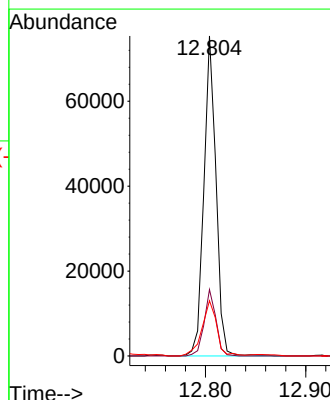
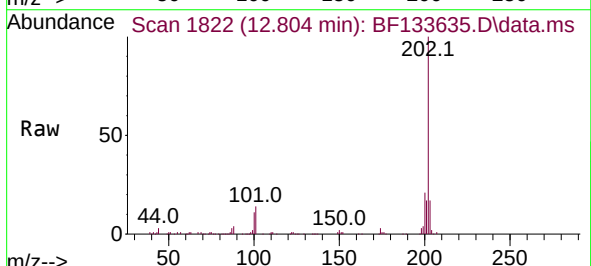
Tgt Ion:202 Resp: 63742

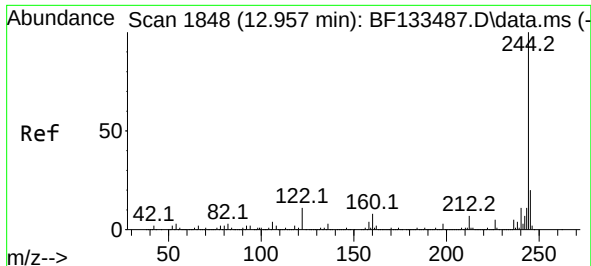
Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

203 17.3 14.3 21.5

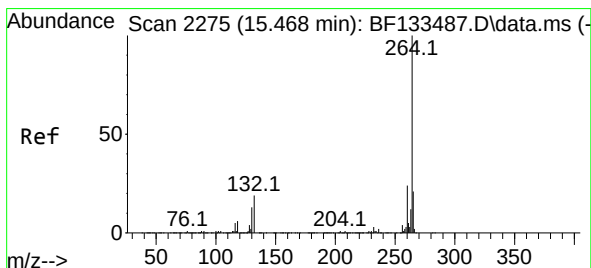
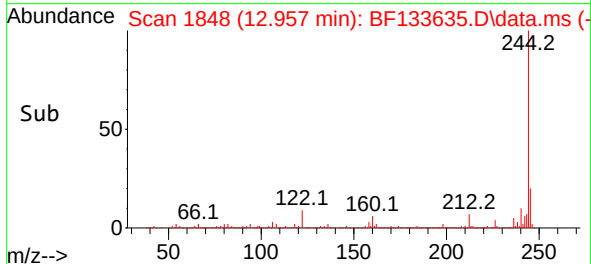
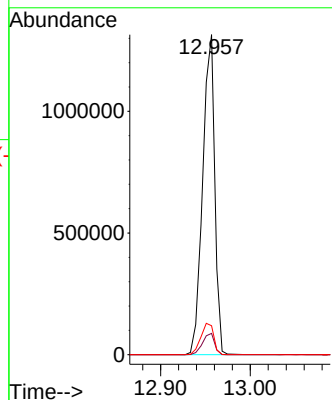
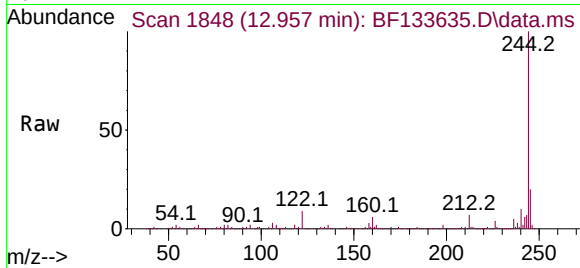




#79
 Terphenyl-d14
 Concen: 65.219 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133635.D
 Acq: 08 Jun 2023 11:25

Instrument :
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Tgt Ion:244 Resp: 1227699
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 9.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.000 min
 Lab File: BF133635.D
 Acq: 08 Jun 2023 11:25

Tgt Ion:264 Resp: 324609
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.4
 265 21.8 16.8 25.2

