

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133643.D
 Acq On : 08 Jun 2023 16:08
 Operator : CG\JU
 Sample : 03016-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC28

Quant Time: Jun 08 16:28:29 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)

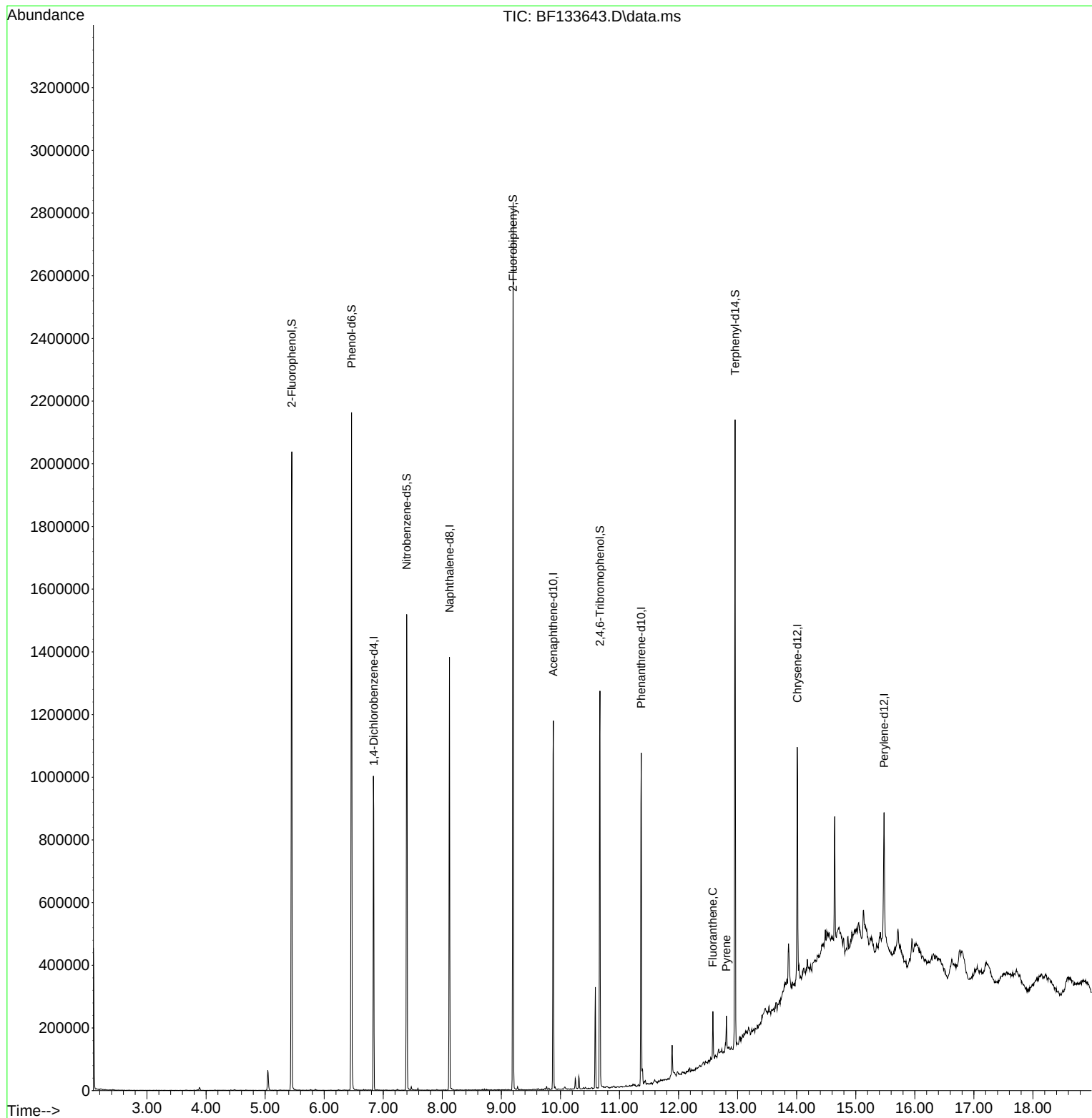
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	143519	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	519459	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	232965	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	378405	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	244627	20.000	ng	0.00
86) Perylene-d12	15.480	264	191858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	532781	61.938	ng	0.00
7) Phenol-d6	6.463	99	664944	62.796	ng	0.00
23) Nitrobenzene-d5	7.398	82	430927	55.389	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	149335	64.307	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	769343	50.970	ng	0.00
79) Terphenyl-d14	12.957	244	652433	47.420	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.580	202	55269	2.611	ng	97
78) Pyrene	12.810	202	44584	2.142	ng	99

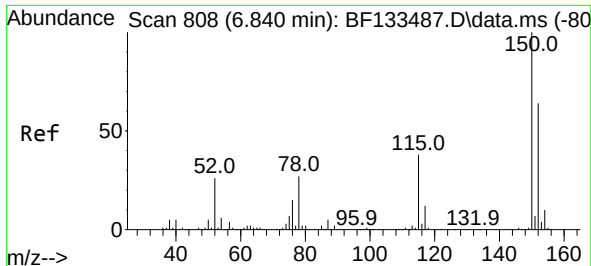
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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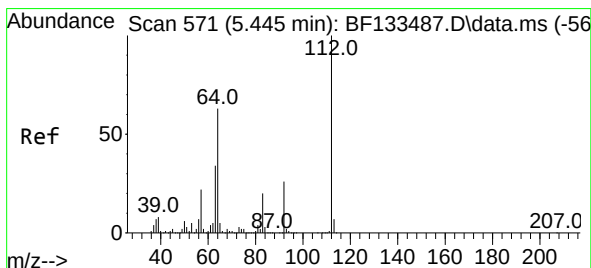
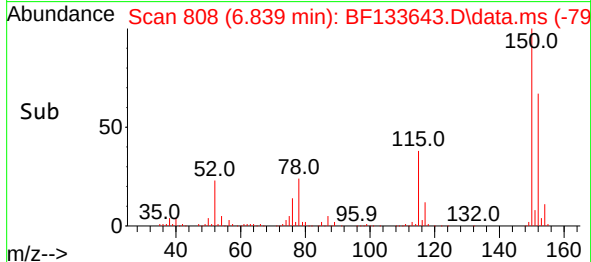
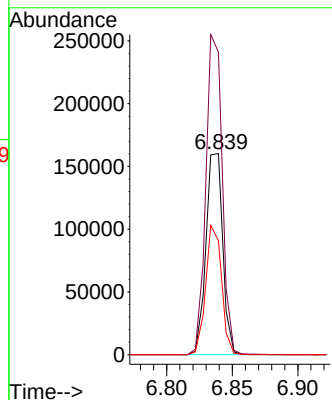
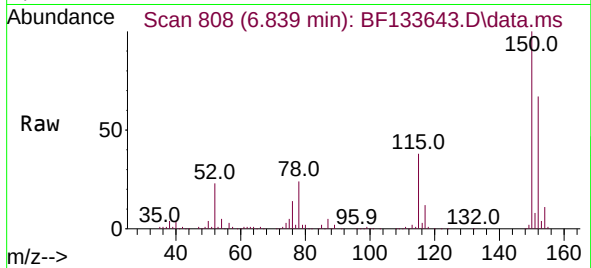




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133643.D
Acq: 08 Jun 2023 16:08

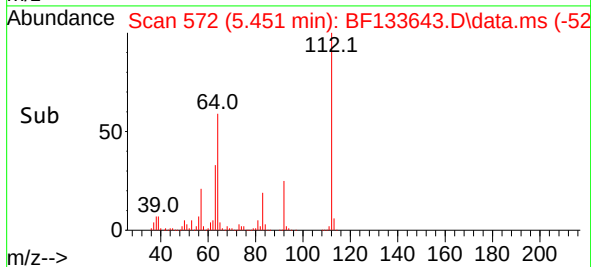
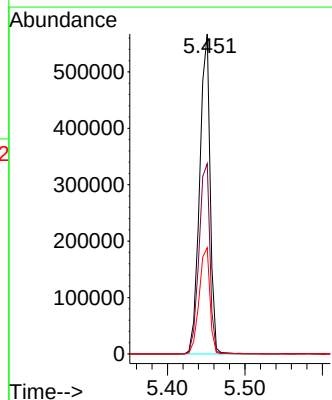
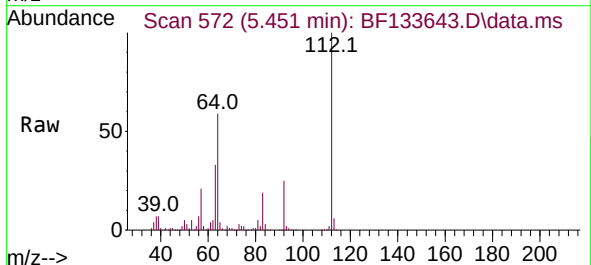
Instrument :
BNA_F
ClientSampleId :
WC28

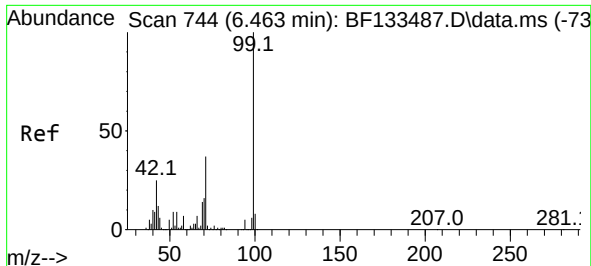
Tgt Ion:152 Resp: 143519
Ion Ratio Lower Upper
152 100
150 150.3 124.9 187.3
115 56.6 48.1 72.1



#5
2-Fluorophenol
Concen: 61.938 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133643.D
Acq: 08 Jun 2023 16:08

Tgt Ion:112 Resp: 532781
Ion Ratio Lower Upper
112 100
64 59.5 50.1 75.1
63 33.2 27.5 41.3

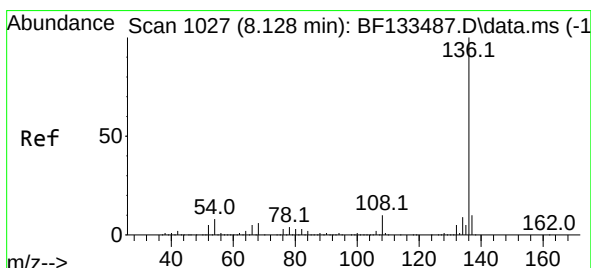
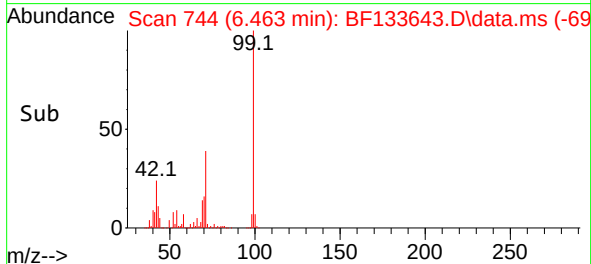
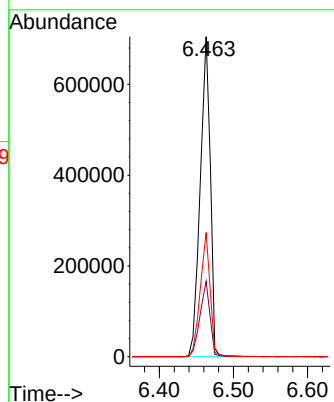
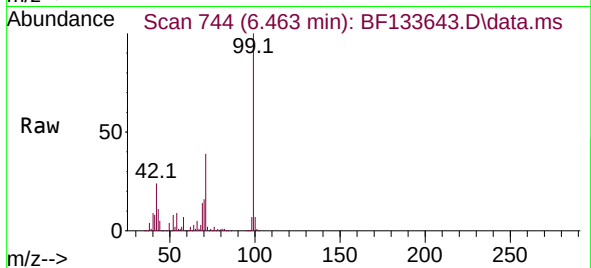




#7
Phenol-d6
Concen: 62.796 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133643.D
Acq: 08 Jun 2023 16:08

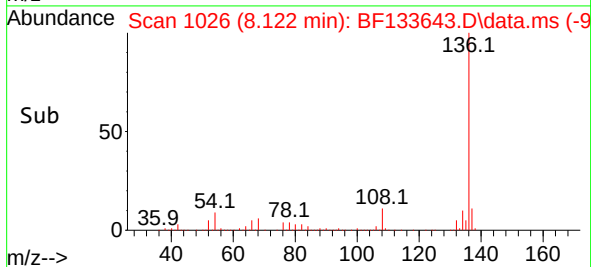
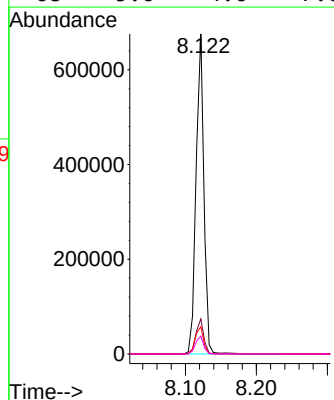
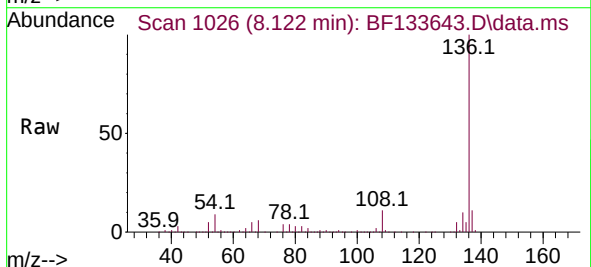
Instrument :
BNA_F
ClientSampleId :
WC28

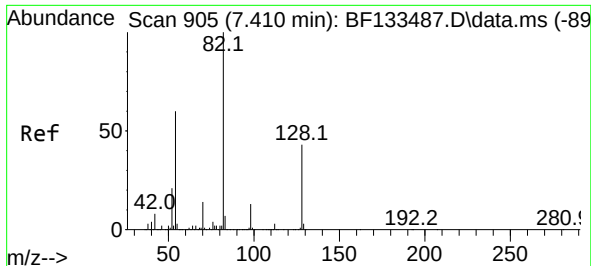
Tgt Ion: 99 Resp: 664944
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 38.8 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133643.D
Acq: 08 Jun 2023 16:08

Tgt Ion: 136 Resp: 519459
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 8.5 6.6 10.0
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 55.389 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133643.D

Acq: 08 Jun 2023 16:08

Instrument :

BNA_F

ClientSampleId :

WC28

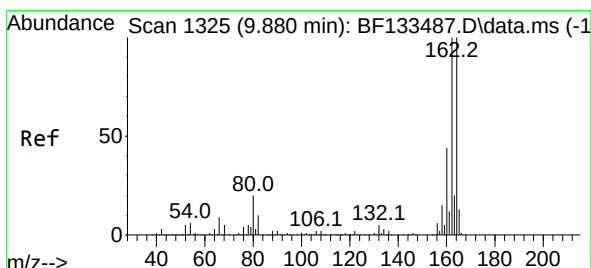
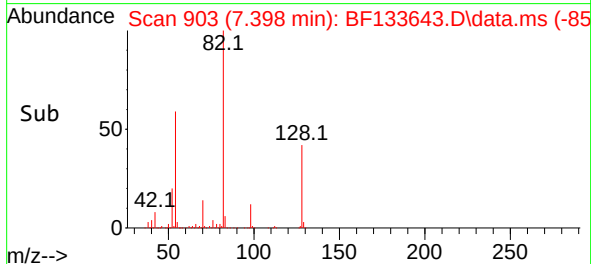
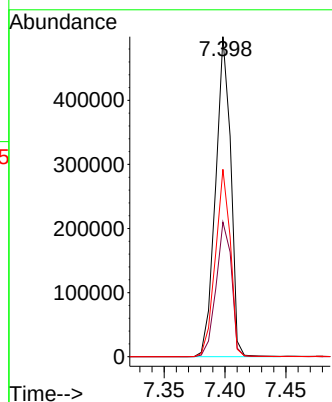
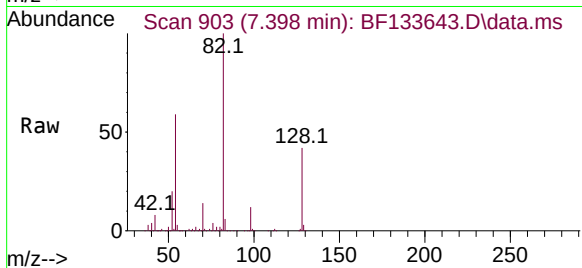
Tgt Ion: 82 Resp: 430927

Ion Ratio Lower Upper

82 100

128 42.0 34.2 51.4

54 58.5 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF133643.D

Acq: 08 Jun 2023 16:08

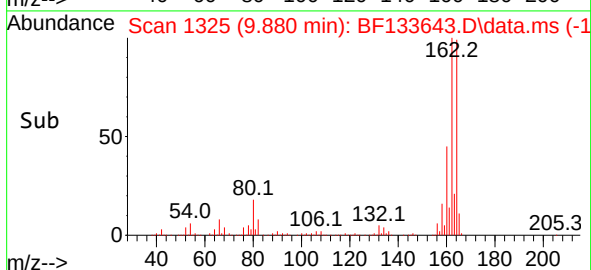
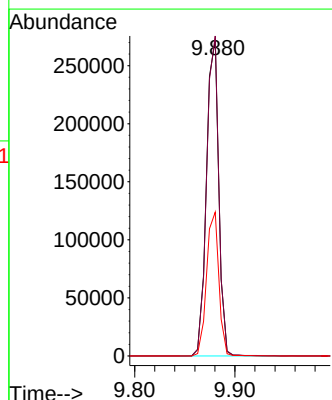
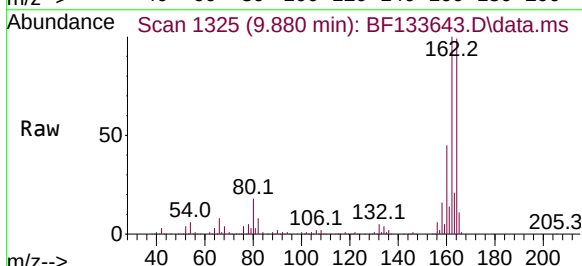
Tgt Ion:164 Resp: 232965

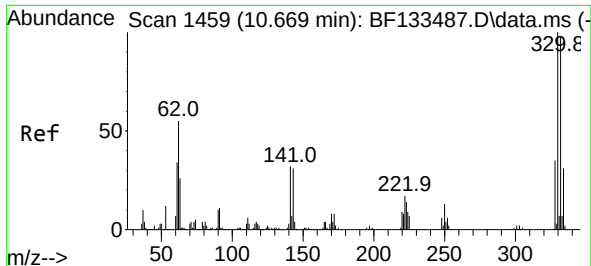
Ion Ratio Lower Upper

164 100

162 101.3 79.7 119.5

160 45.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 64.307 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133643.D

Acq: 08 Jun 2023 16:08

Instrument :

BNA_F

ClientSampleId :

WC28

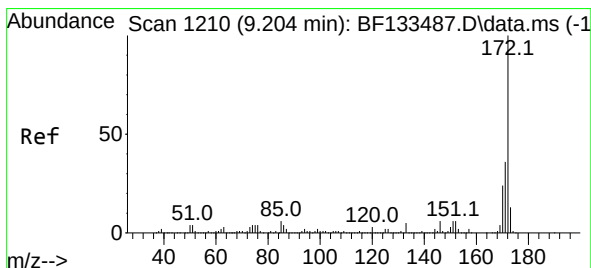
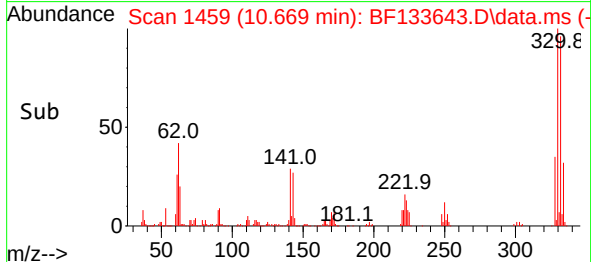
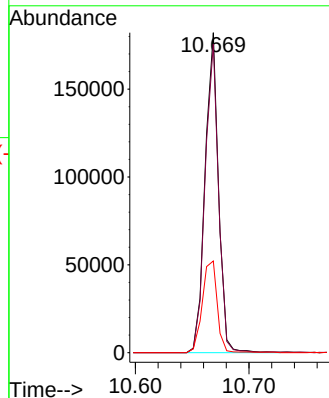
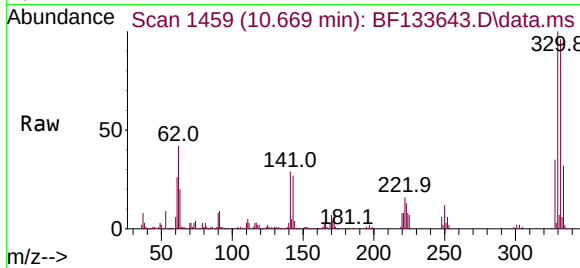
Tgt Ion:330 Resp: 149335

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

141 32.1 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 50.970 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF133643.D

Acq: 08 Jun 2023 16:08

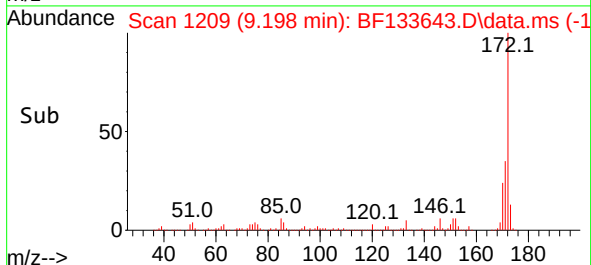
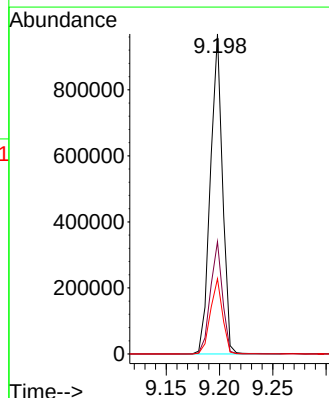
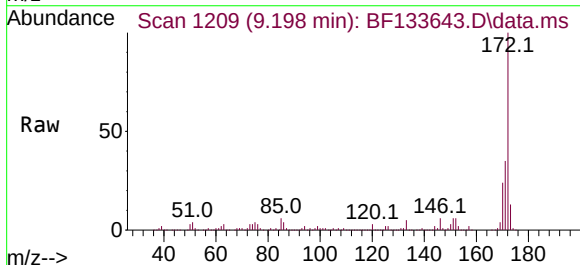
Tgt Ion:172 Resp: 769343

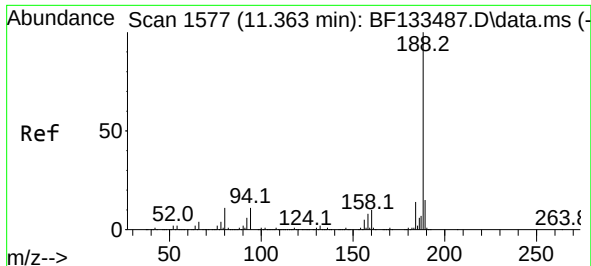
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 19.3 28.9

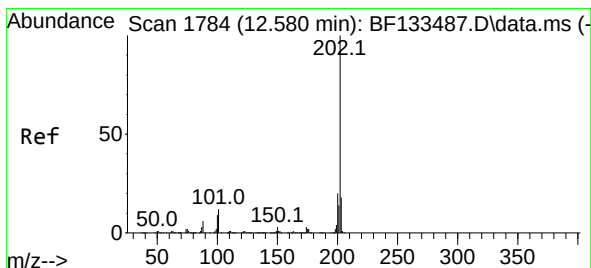
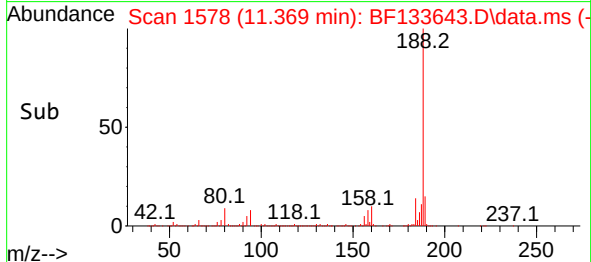
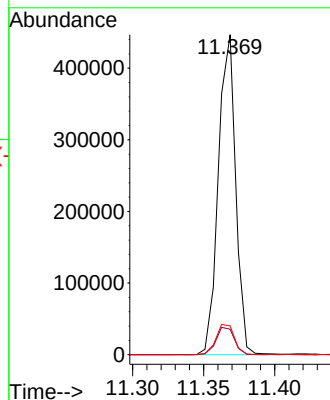
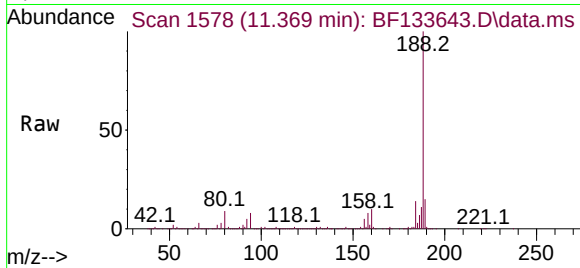




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133643.D
Acq: 08 Jun 2023 16:08

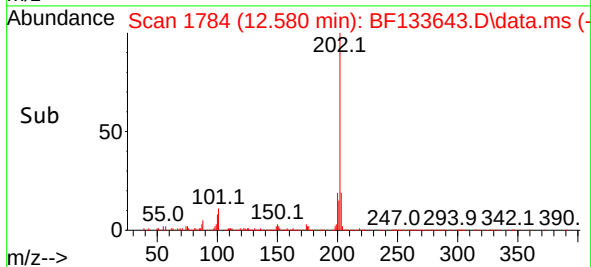
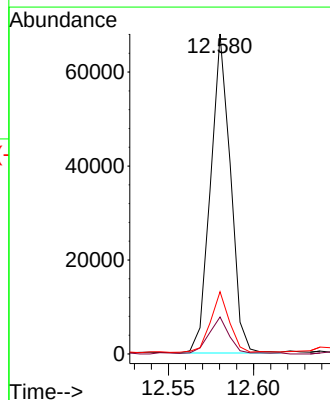
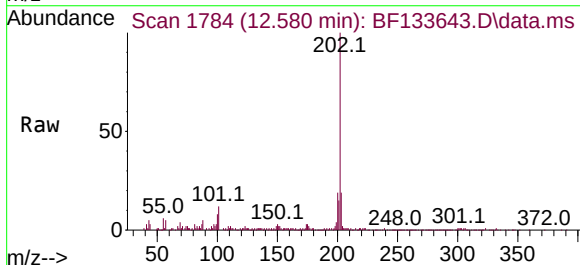
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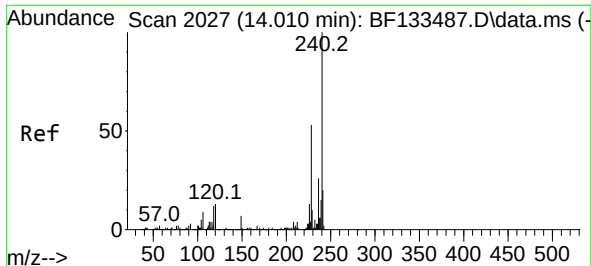
Tgt Ion:188 Resp: 378405
Ion Ratio Lower Upper
188 100
94 8.0 8.6 12.8#
80 9.0 9.2 13.8#



#75
Fluoranthene
Concen: 2.611 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF133643.D
Acq: 08 Jun 2023 16:08

Tgt Ion:202 Resp: 55269
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.2
203 19.4 0.0 37.8

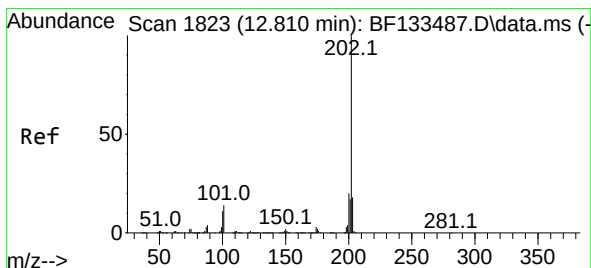
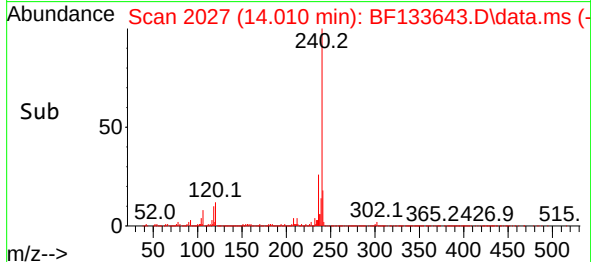
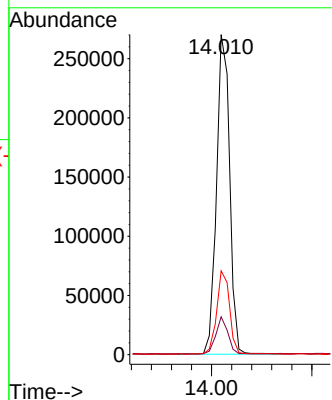
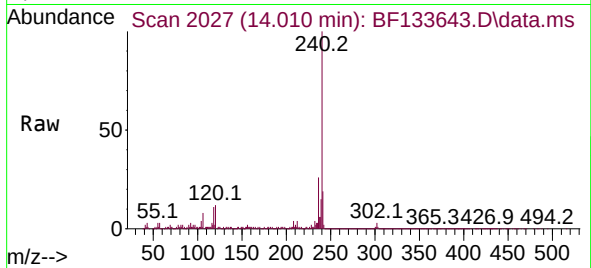




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133643.D
Acq: 08 Jun 2023 16:08

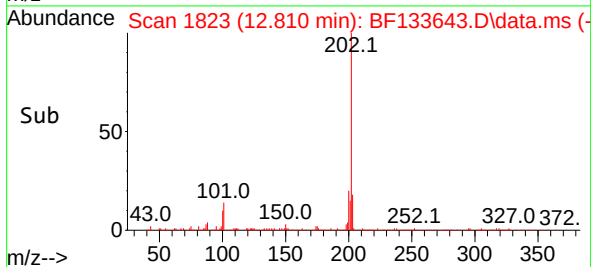
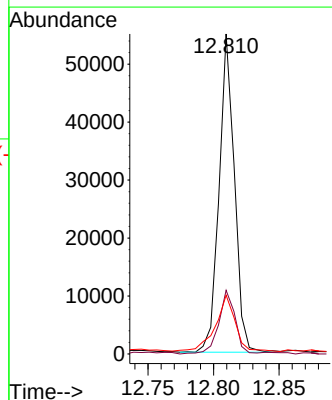
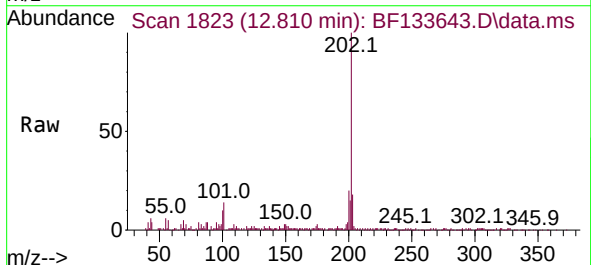
Instrument :
BNA_F
ClientSampleId :
WC28

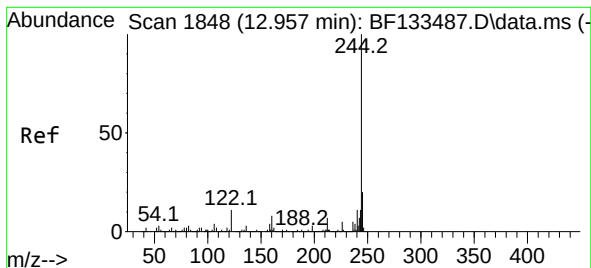
Tgt Ion:240 Resp: 244627
Ion Ratio Lower Upper
240 100
120 11.9 10.3 15.5
236 26.2 20.5 30.7



#78
Pyrene
Concen: 2.142 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF133643.D
Acq: 08 Jun 2023 16:08

Tgt Ion:202 Resp: 44584
Ion Ratio Lower Upper
202 100
200 19.9 16.3 24.5
203 18.4 14.3 21.5





#79

Terphenyl-d14

Concen: 47.420 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF133643.D

Acq: 08 Jun 2023 16:08

Instrument :

BNA_F

ClientSampleId :

WC28

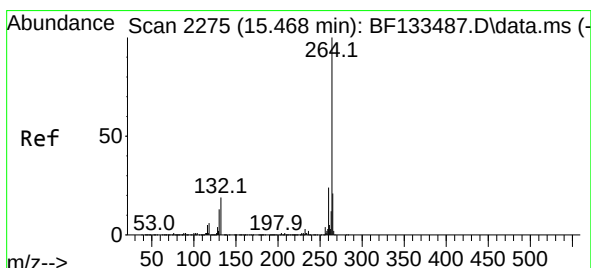
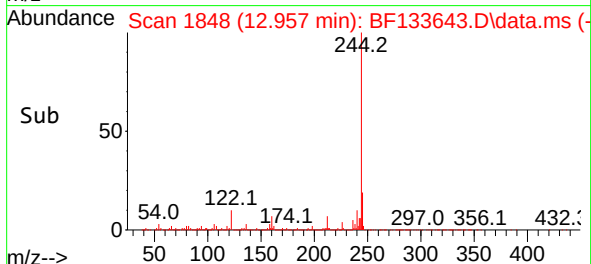
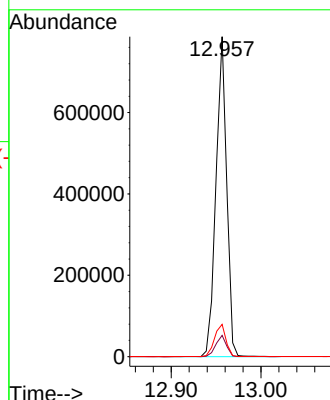
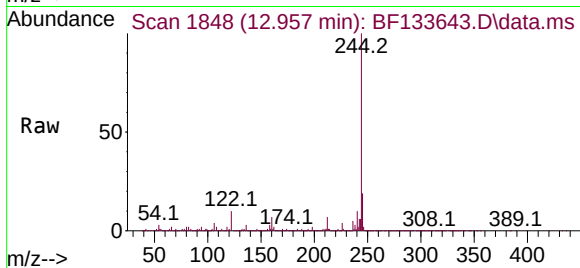
Tgt Ion:244 Resp: 652433

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 10.1 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF133643.D

Acq: 08 Jun 2023 16:08

Tgt Ion:264 Resp: 191858

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.8 16.8 25.2

