

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133636.D
 Acq On : 08 Jun 2023 11:56
 Operator : CG\JU
 Sample : 03016-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP04

Quant Time: Jun 08 13:04:34 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)

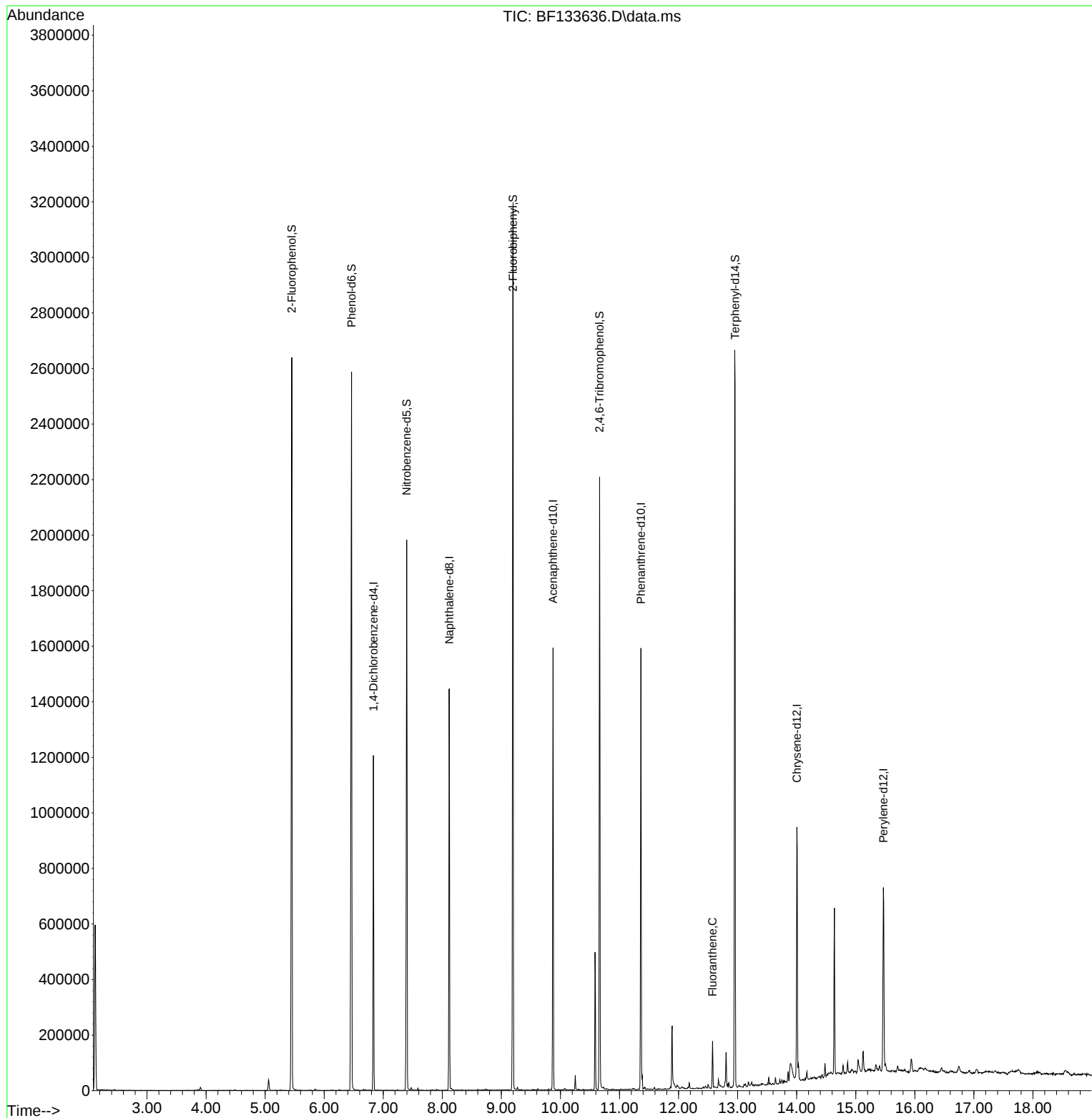
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	152690	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	582442	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	287613	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	530351	20.000	ng	0.00
76) Chrysene-d12	14.004	240	308959	20.000	ng	-0.01
86) Perylene-d12	15.468	264	304849	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	695565	76.005	ng	0.00
7) Phenol-d6	6.463	99	867995	77.048	ng	0.00
23) Nitrobenzene-d5	7.398	82	578942	66.367	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	255284	89.043	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1012319	54.325	ng	0.00
79) Terphenyl-d14	12.957	244	998765	57.477	ng	0.00
Target Compounds						
75) Fluoranthene	12.574	202	60844	2.051	ng	Qvalue 98

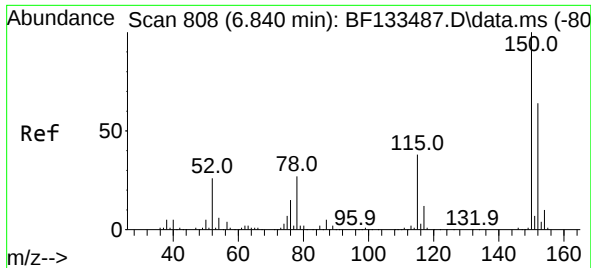
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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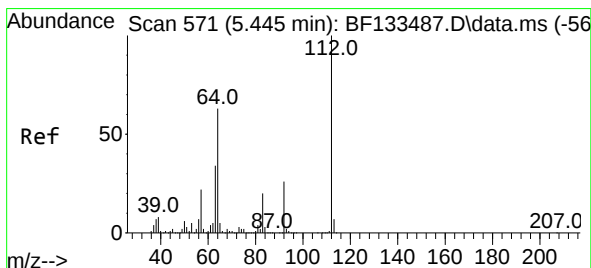
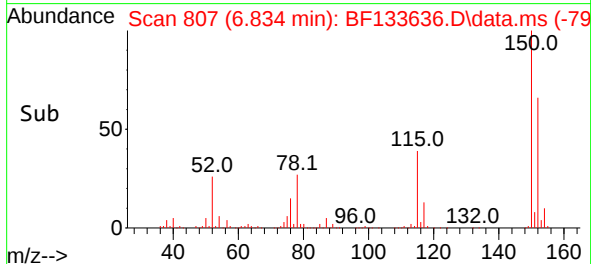
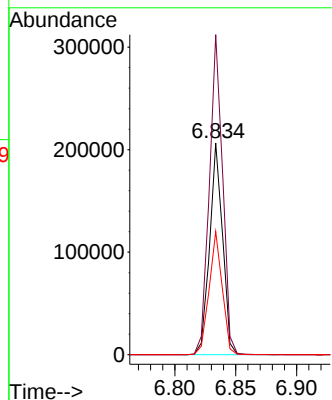
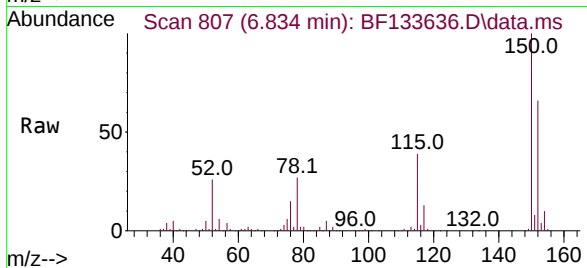




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

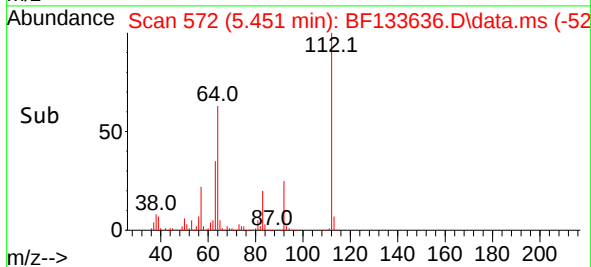
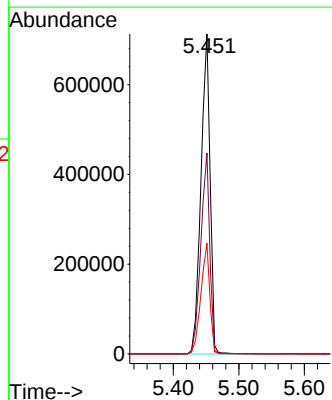
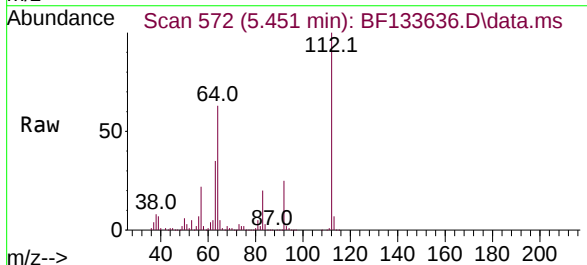
Instrument :
BNA_F
ClientSampleId :
DUP04

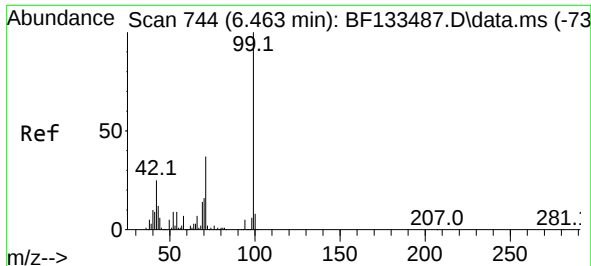
Tgt Ion:152 Resp: 152690
Ion Ratio Lower Upper
152 100
150 151.2 124.9 187.3
115 58.2 48.1 72.1



#5
2-Fluorophenol
Concen: 76.005 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion:112 Resp: 695565
Ion Ratio Lower Upper
112 100
64 62.8 50.1 75.1
63 34.6 27.5 41.3

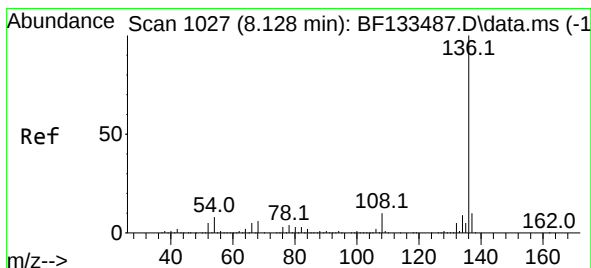
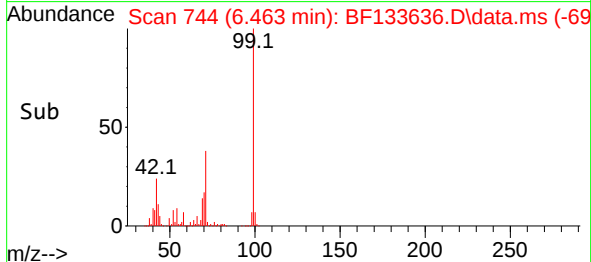
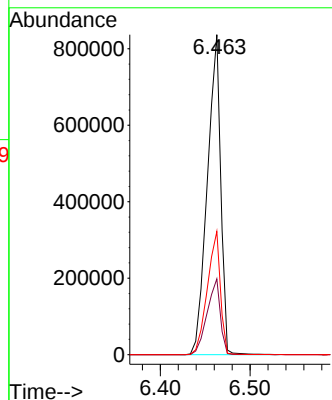
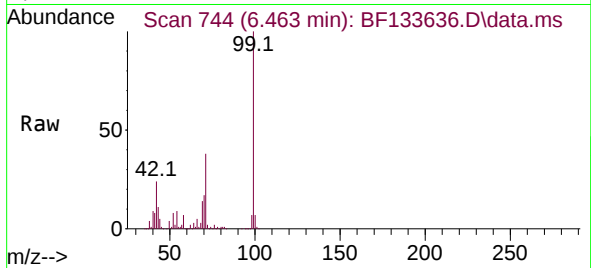




#7
Phenol-d6
Concen: 77.048 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

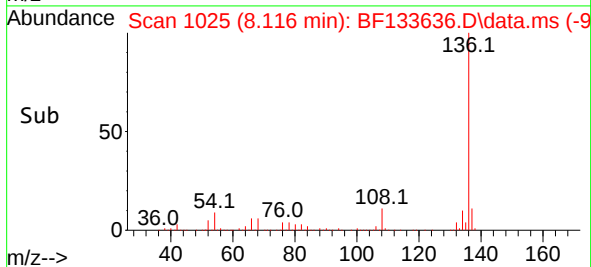
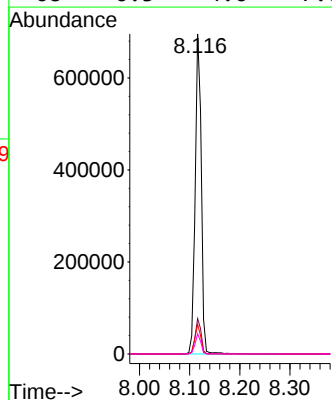
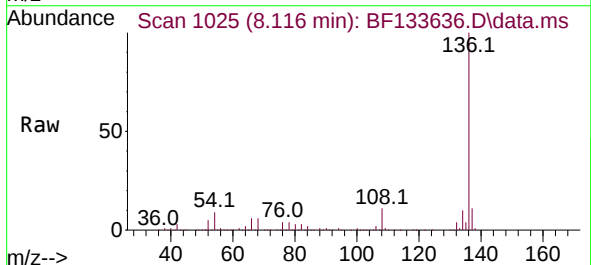
Instrument :
BNA_F
ClientSampleId :
DUP04

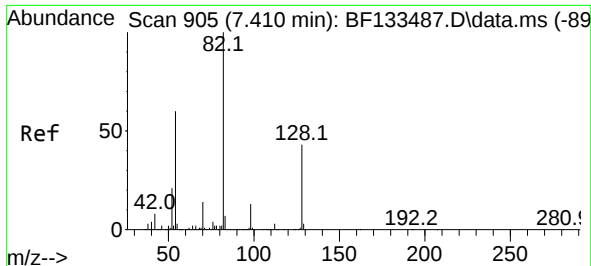
Tgt Ion: 99 Resp: 867995
Ion Ratio Lower Upper
99 100
42 23.7 19.7 29.5
71 38.5 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion: 136 Resp: 582442
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.3 6.6 10.0
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 66.367 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133636.D

Acq: 08 Jun 2023 11:56

Instrument :

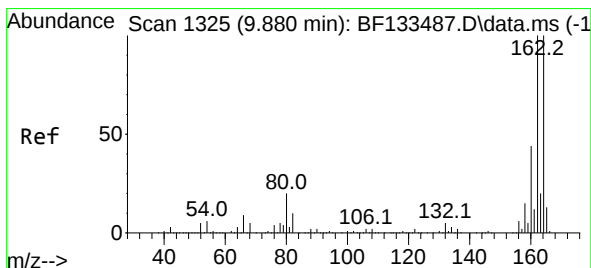
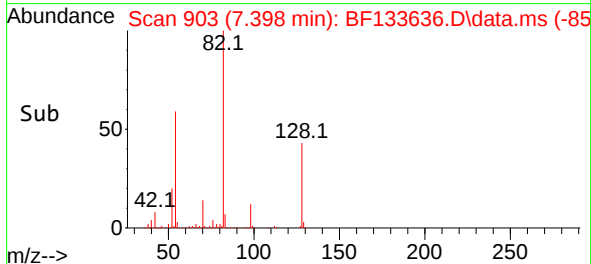
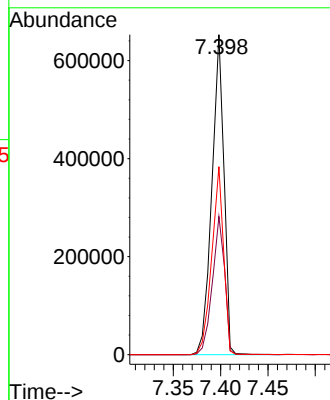
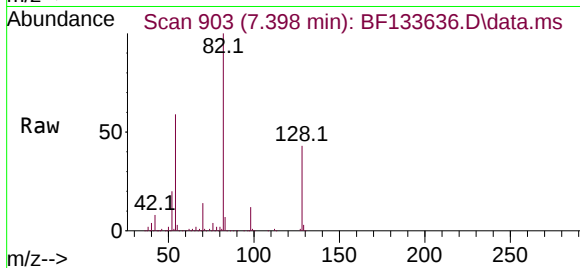
BNA_F

ClientSampleId :

DUP04

Tgt Ion: 82 Resp: 578942

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.2	51.4
54	58.7	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

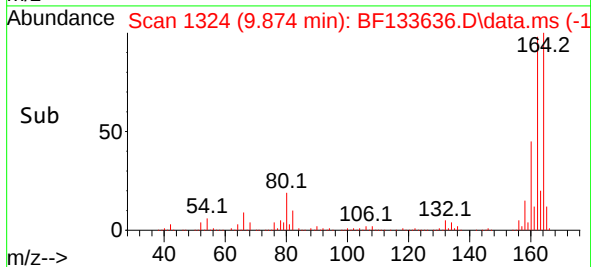
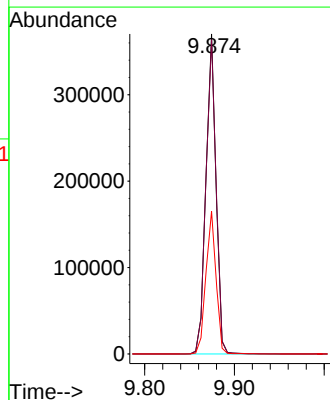
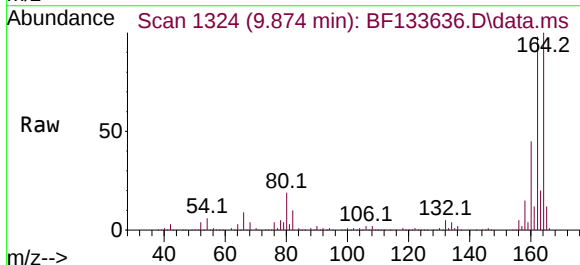
Delta R.T. -0.006 min

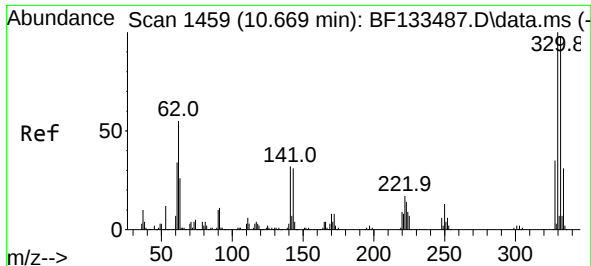
Lab File: BF133636.D

Acq: 08 Jun 2023 11:56

Tgt Ion: 164 Resp: 287613

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.7	119.5
160	44.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 89.043 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133636.D

Acq: 08 Jun 2023 11:56

Instrument :

BNA_F

ClientSampleId :

DUP04

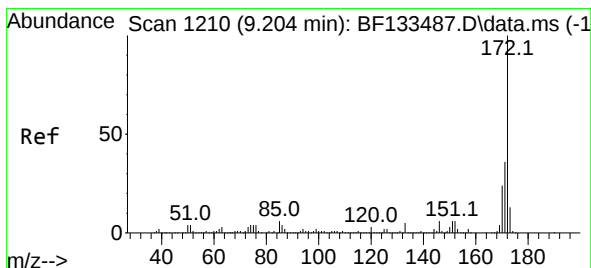
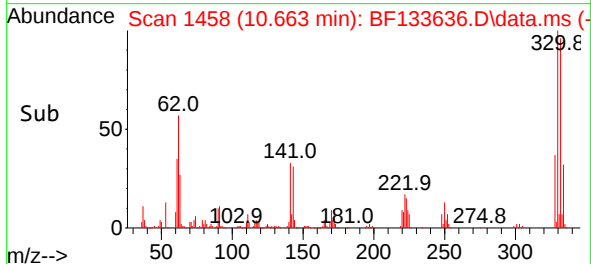
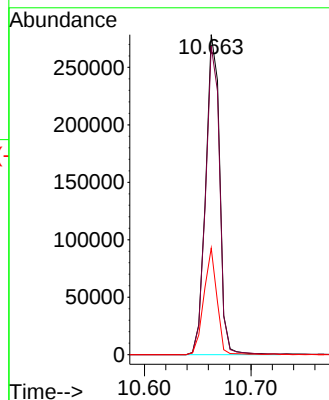
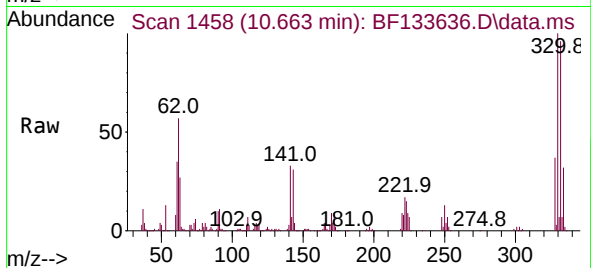
Tgt Ion:330 Resp: 255284

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

141 31.0 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 54.325 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF133636.D

Acq: 08 Jun 2023 11:56

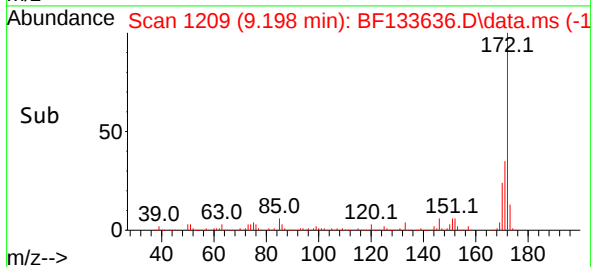
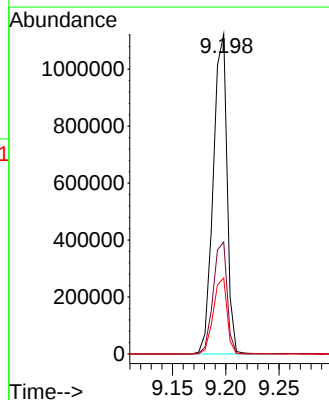
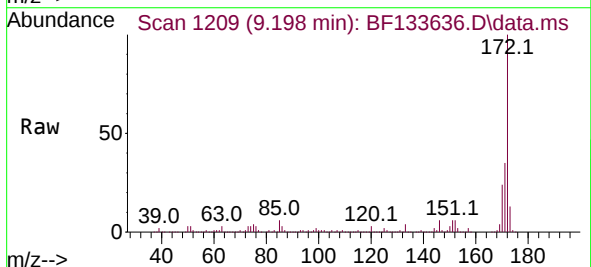
Tgt Ion:172 Resp: 1012319

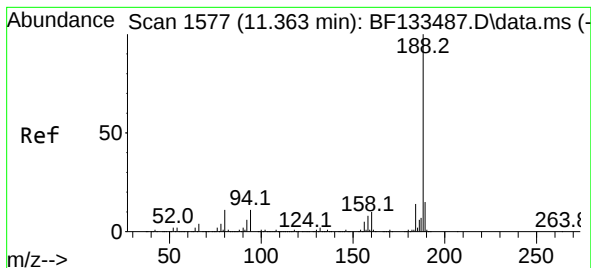
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.7 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: BF133636.D

Acq: 08 Jun 2023 11:56

Instrument :

BNA_F

ClientSampleId :

DUP04

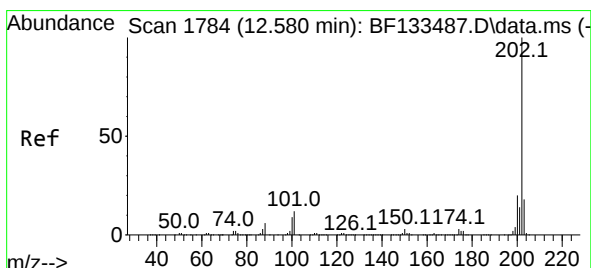
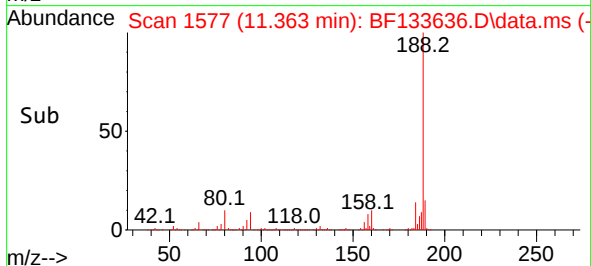
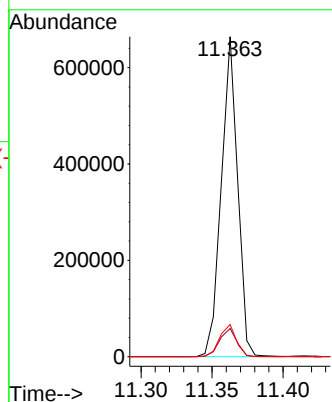
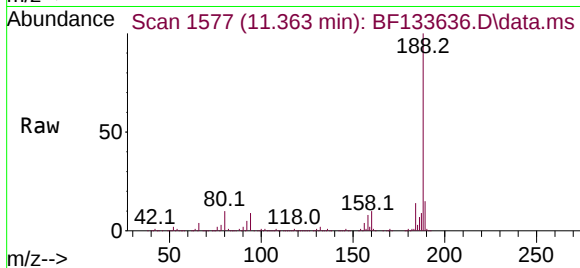
Tgt Ion:188 Resp: 530351

Ion Ratio Lower Upper

188 100

94 8.8 8.6 12.8

80 10.1 9.2 13.8



#75

Fluoranthene

Concen: 2.051 ng

RT: 12.574 min Scan# 1783

Delta R.T. -0.012 min

Lab File: BF133636.D

Acq: 08 Jun 2023 11:56

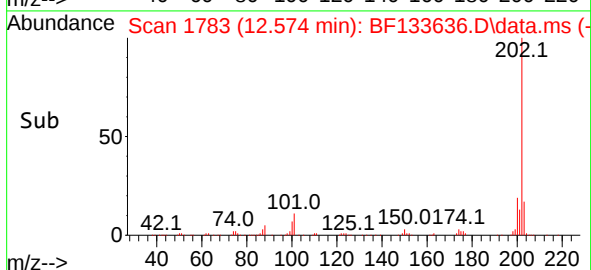
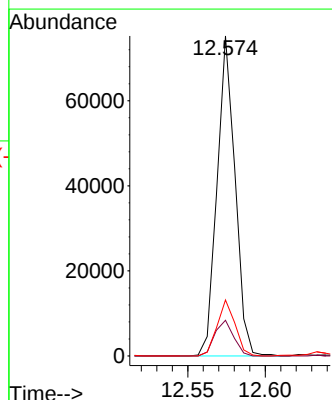
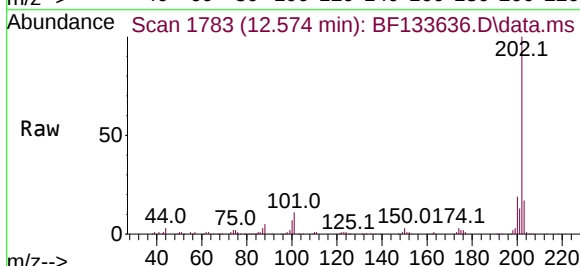
Tgt Ion:202 Resp: 60844

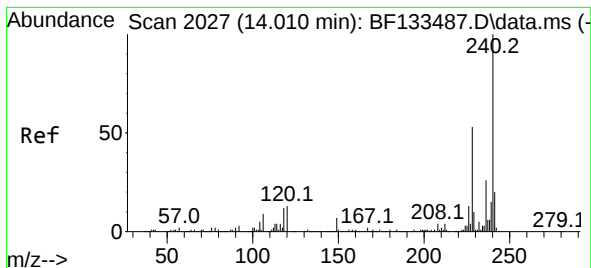
Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.2

203 17.5 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BF133636.D

Acq: 08 Jun 2023 11:56

Instrument :

BNA_F

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DUP04

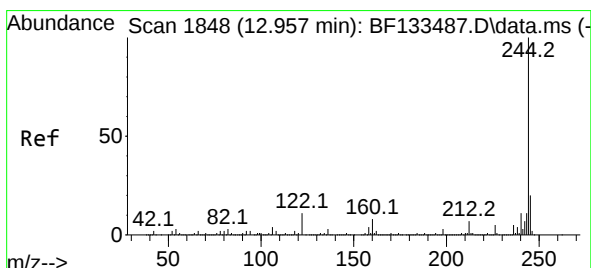
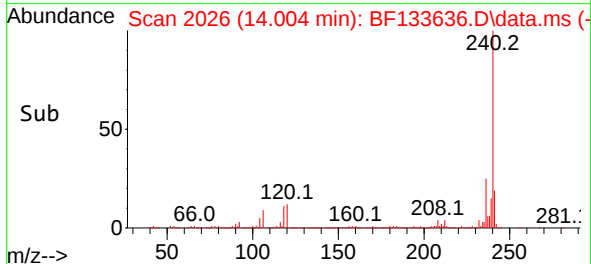
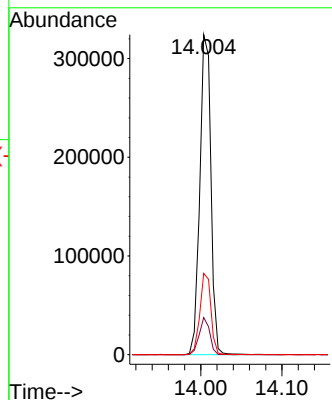
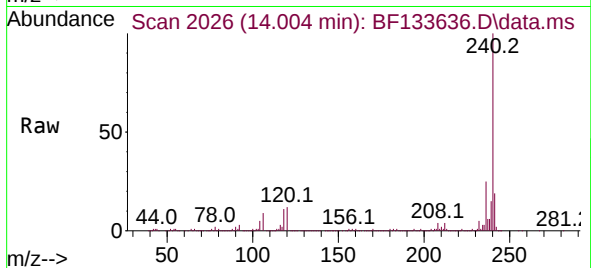
Tgt Ion:240 Resp: 308959

Ion Ratio Lower Upper

240 100

120 11.6 10.3 15.5

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 57.477 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF133636.D

Acq: 08 Jun 2023 11:56

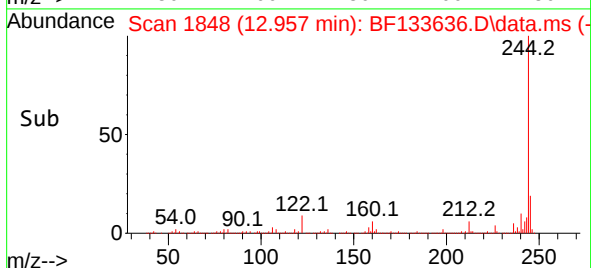
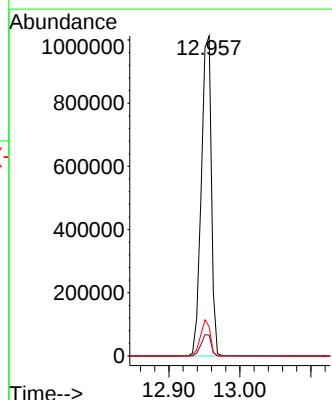
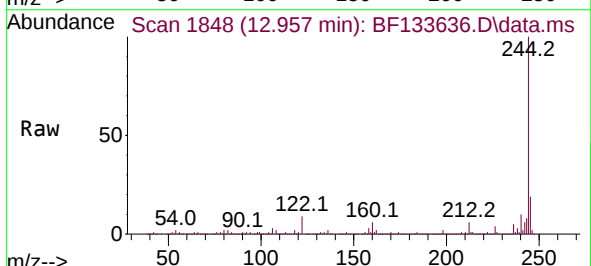
Tgt Ion:244 Resp: 998765

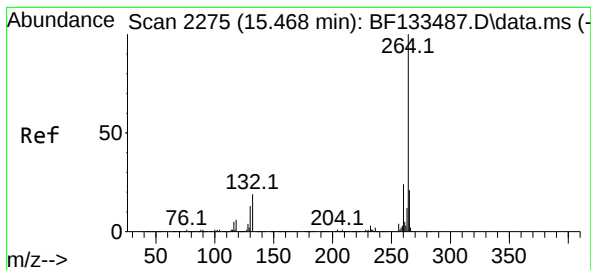
Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

122 9.2 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF133636.D

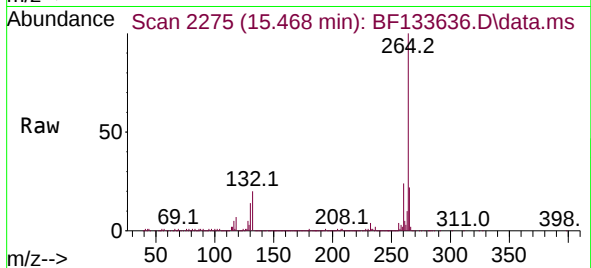
Acq: 08 Jun 2023 11:56

Instrument :

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Tgt Ion:264 Resp: 304849

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.6 16.8 25.2

