

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133631.D
 Acq On : 07 Jun 2023 18:27
 Operator : CG\JU
 Sample : 03038-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-060223

Quant Time: Jun 07 18:49:41 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	118600	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	421607	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	180215	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	303504	20.000	ng	0.00
76) Chrysene-d12	14.010	240	195708	20.000	ng	0.00
86) Perylene-d12	15.474	264	162729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	751560	105.729	ng	0.01
7) Phenol-d6	6.463	99	919824	105.118	ng	0.00
23) Nitrobenzene-d5	7.398	82	596872	94.525	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	210132	116.973	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	997960	85.470	ng	0.00
79) Terphenyl-d14	12.957	244	950832	86.382	ng	0.00

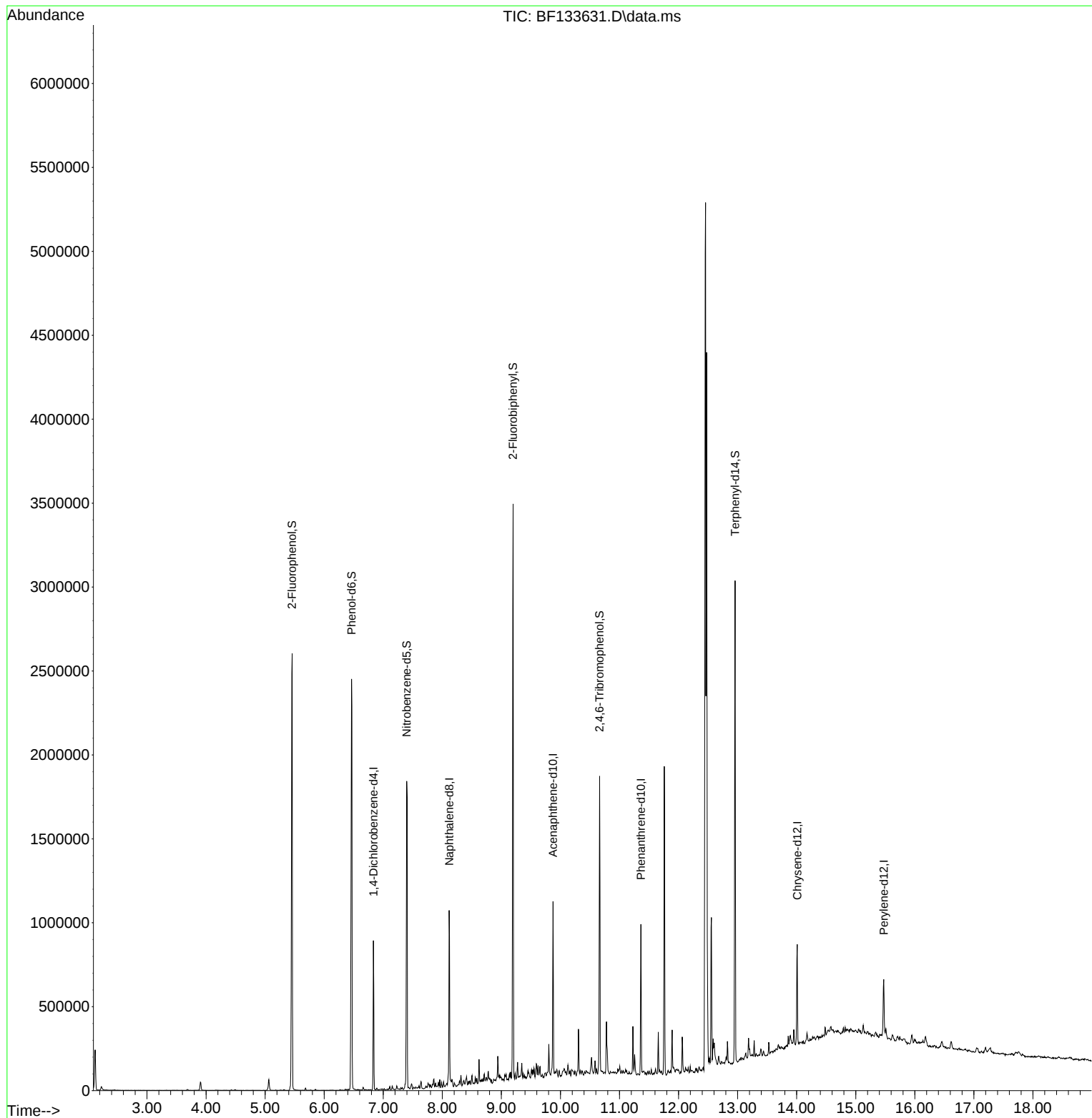
Target Compounds	Qvalue

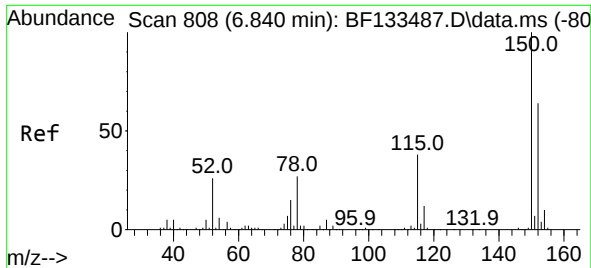
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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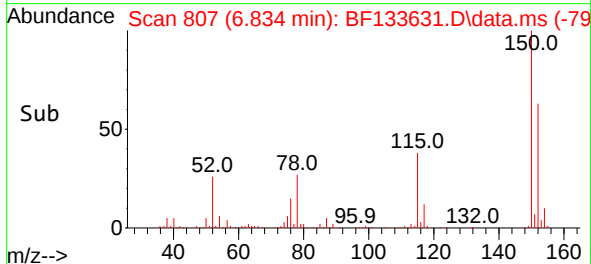
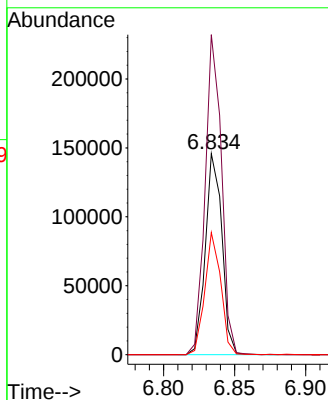
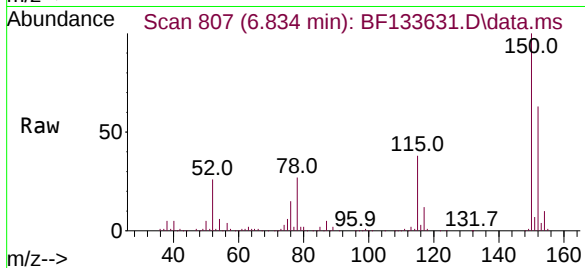




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF133631.D
Acq: 07 Jun 2023 18:27

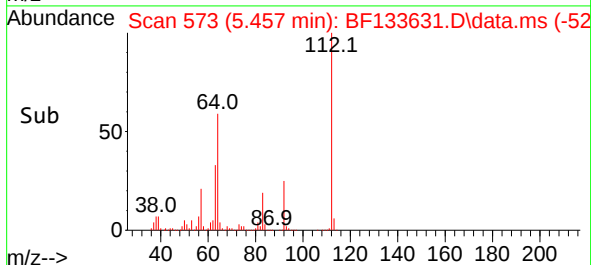
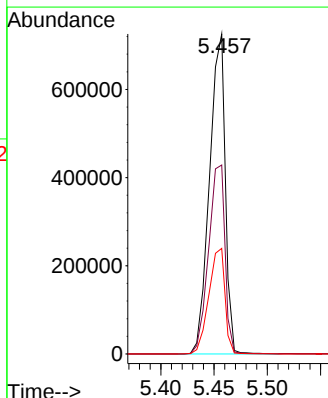
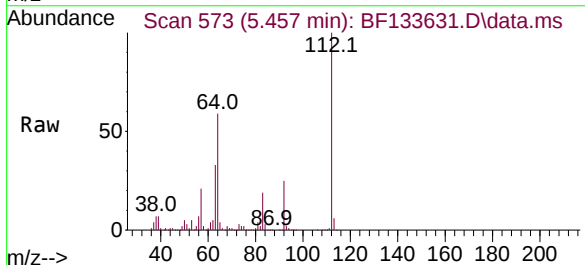
Instrument :
BNA_F
ClientSampleId :
NB-07-060223

Tgt Ion:152 Resp: 118600
Ion Ratio Lower Upper
152 100
150 159.3 124.9 187.3
115 60.8 48.1 72.1



#5
2-Fluorophenol
Concen: 105.729 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133631.D
Acq: 07 Jun 2023 18:27

Tgt Ion:112 Resp: 751560
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 33.0 27.5 41.3

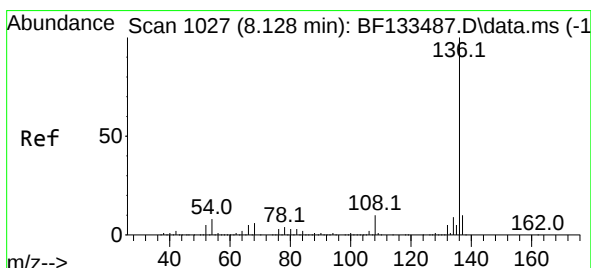
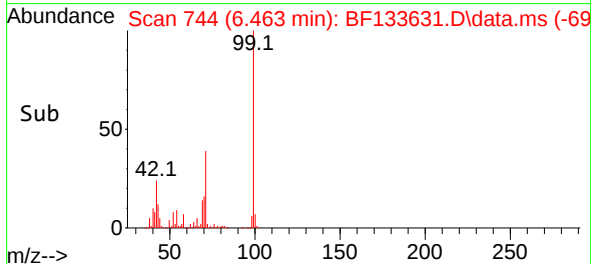
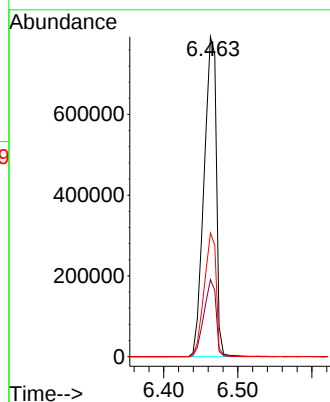
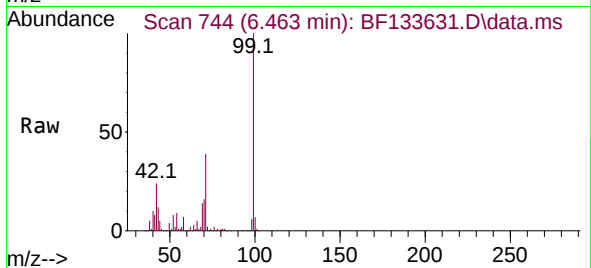




#7
Phenol-d6
Concen: 105.118 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133631.D
Acq: 07 Jun 2023 18:27

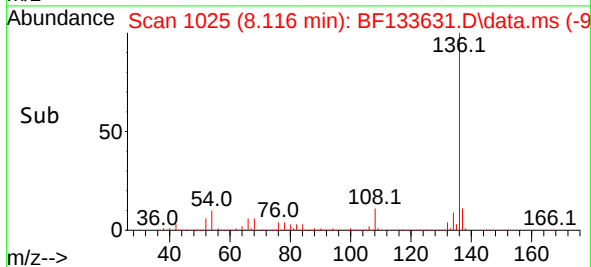
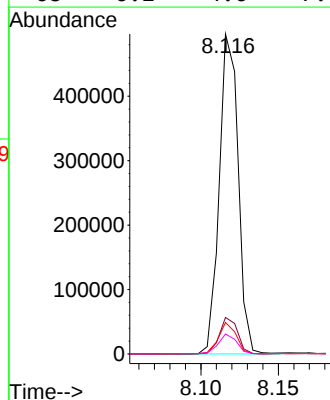
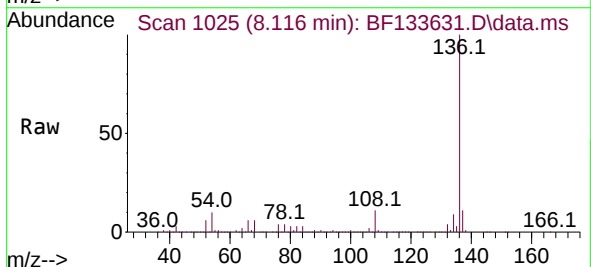
Instrument :
BNA_F
ClientSampleId :
NB-07-060223

Tgt Ion: 99 Resp: 919824
Ion Ratio Lower Upper
99 100
42 24.1 19.7 29.5
71 38.7 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: BF133631.D
Acq: 07 Jun 2023 18:27

Tgt Ion:136 Resp: 421607
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.4
54 9.9 6.6 10.0
68 6.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 94.525 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133631.D

Acq: 07 Jun 2023 18:27

Instrument :

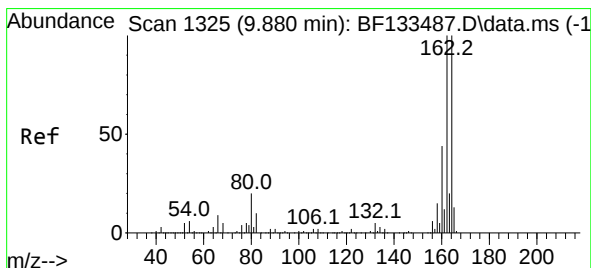
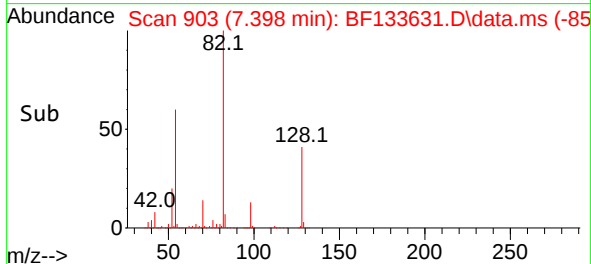
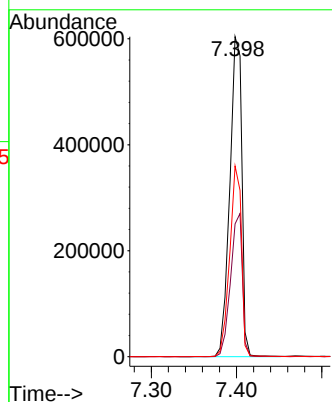
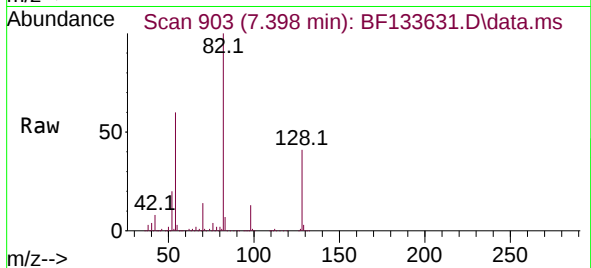
BNA_F

ClientSampleId :

NB-07-060223

Tgt Ion: 82 Resp: 596872

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.2	51.4
54	59.6	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

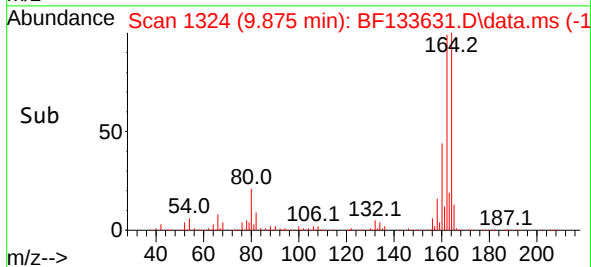
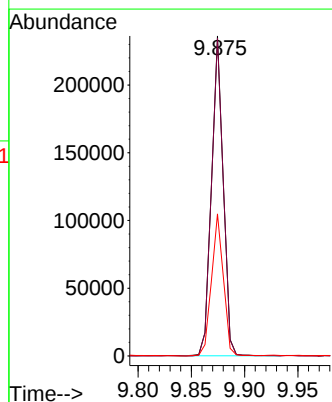
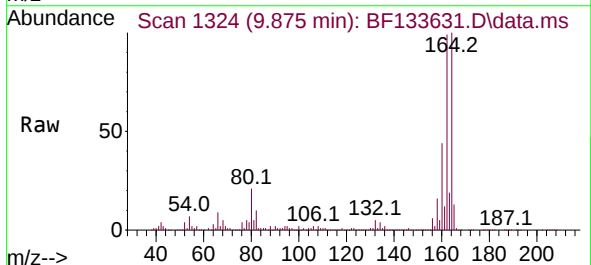
Delta R.T. -0.006 min

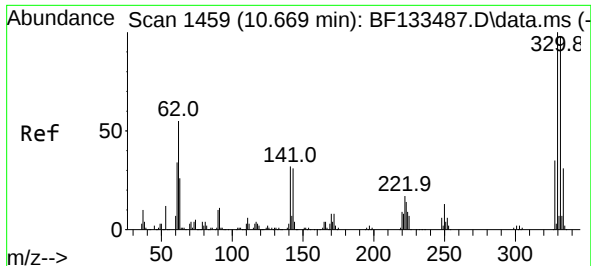
Lab File: BF133631.D

Acq: 07 Jun 2023 18:27

Tgt Ion: 164 Resp: 180215

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.7	119.5
160	44.4	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 116.973 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133631.D

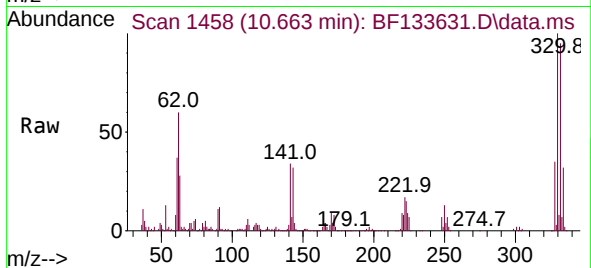
Acq: 07 Jun 2023 18:27

Instrument :

BNA_F

ClientSampleId :

NB-07-060223



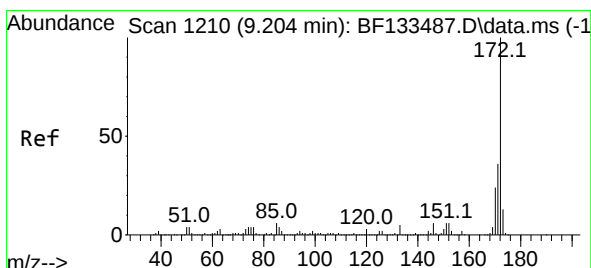
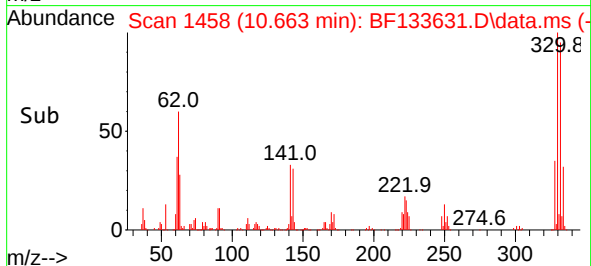
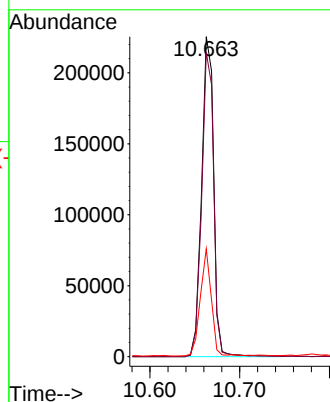
Tgt Ion:330 Resp: 210132

Ion Ratio Lower Upper

330 100

332 94.5 77.8 116.6

141 30.5 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 85.470 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133631.D

Acq: 07 Jun 2023 18:27

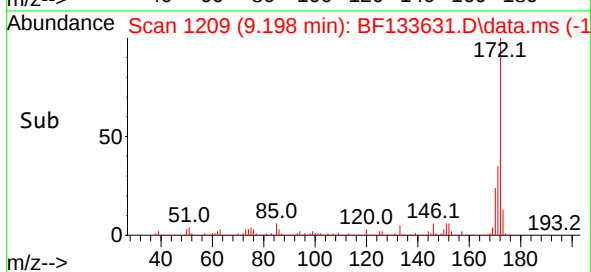
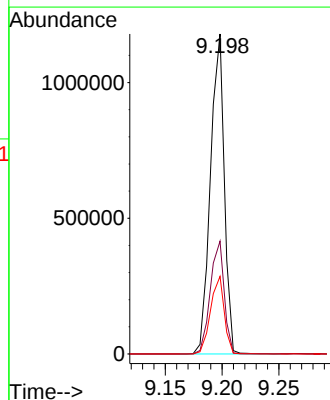
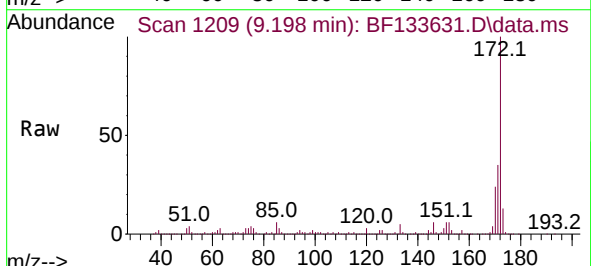
Tgt Ion:172 Resp: 997960

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.3 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: BF133631.D

Acq: 07 Jun 2023 18:27

Instrument :

BNA_F

ClientSampleId :

NB-07-060223

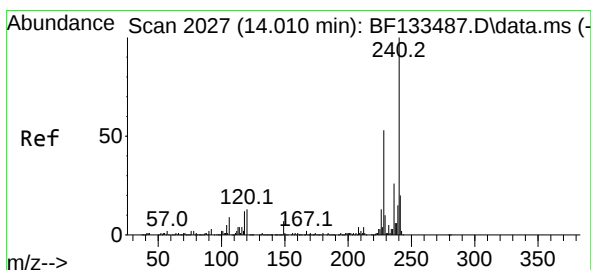
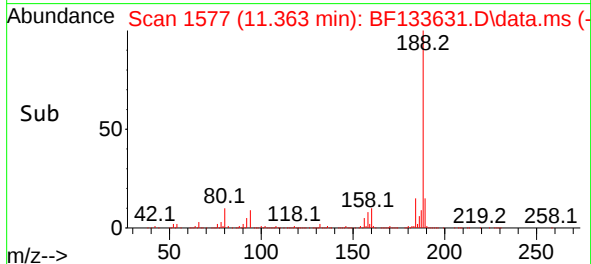
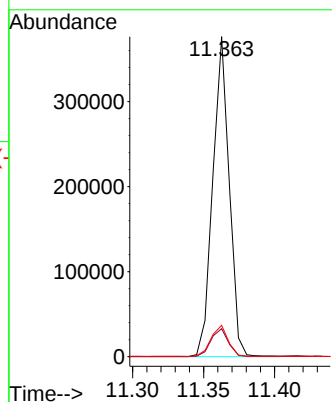
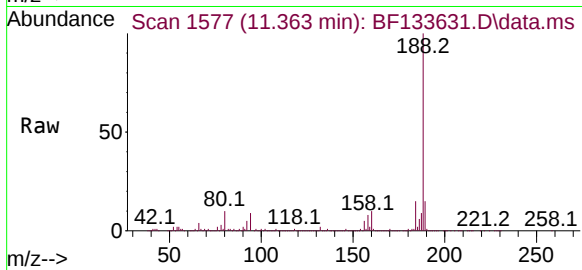
Tgt Ion:188 Resp: 303504

Ion Ratio Lower Upper

188 100

94 8.8 8.6 12.8

80 9.8 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: BF133631.D

Acq: 07 Jun 2023 18:27

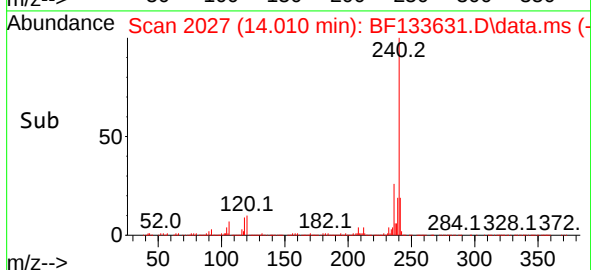
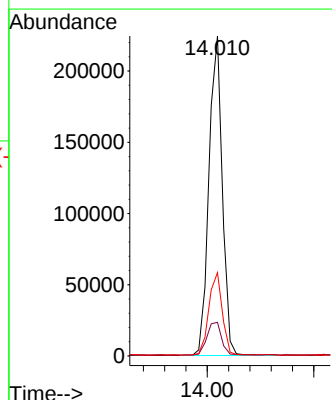
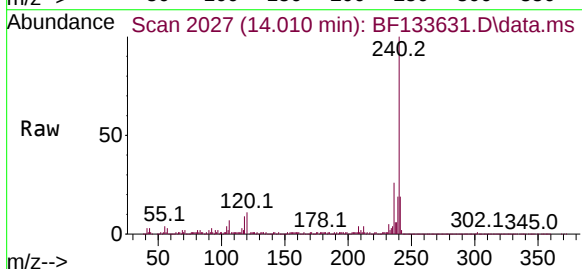
Tgt Ion:240 Resp: 195708

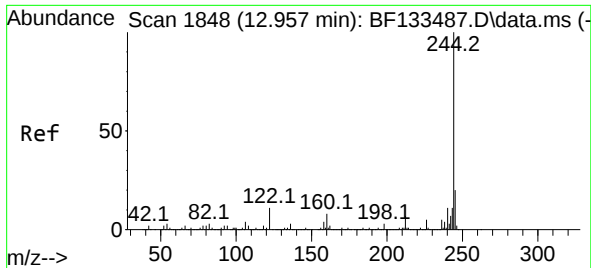
Ion Ratio Lower Upper

240 100

120 10.5 10.3 15.5

236 26.0 20.5 30.7

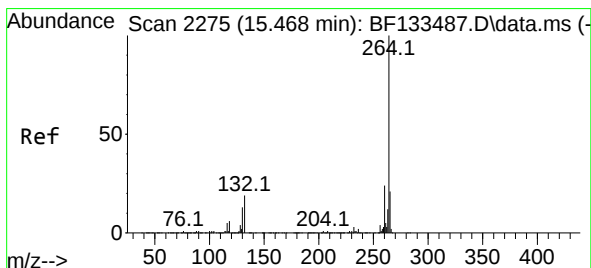
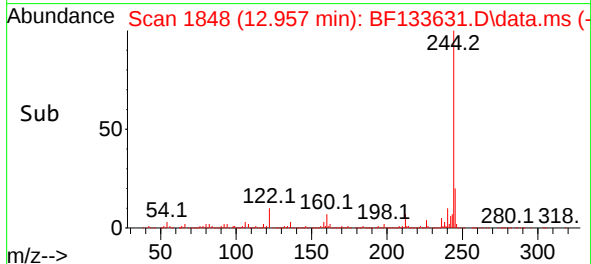
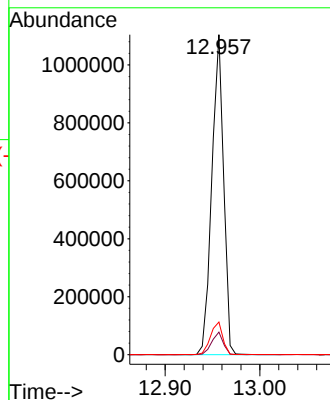
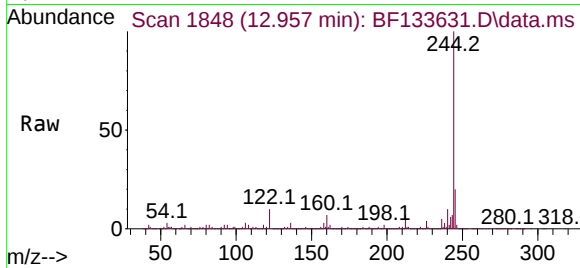




#79
 Terphenyl-d14
 Concen: 86.382 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133631.D
 Acq: 07 Jun 2023 18:27

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-060223

Tgt Ion:244 Resp: 950832
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF133631.D
 Acq: 07 Jun 2023 18:27

Tgt Ion:264 Resp: 162729
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 22.3 16.8 25.2

