

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133539.D
 Acq On : 31 May 2023 15:09
 Operator : CG\JU
 Sample : 02972-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-0A

Quant Time: May 31 16:20:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

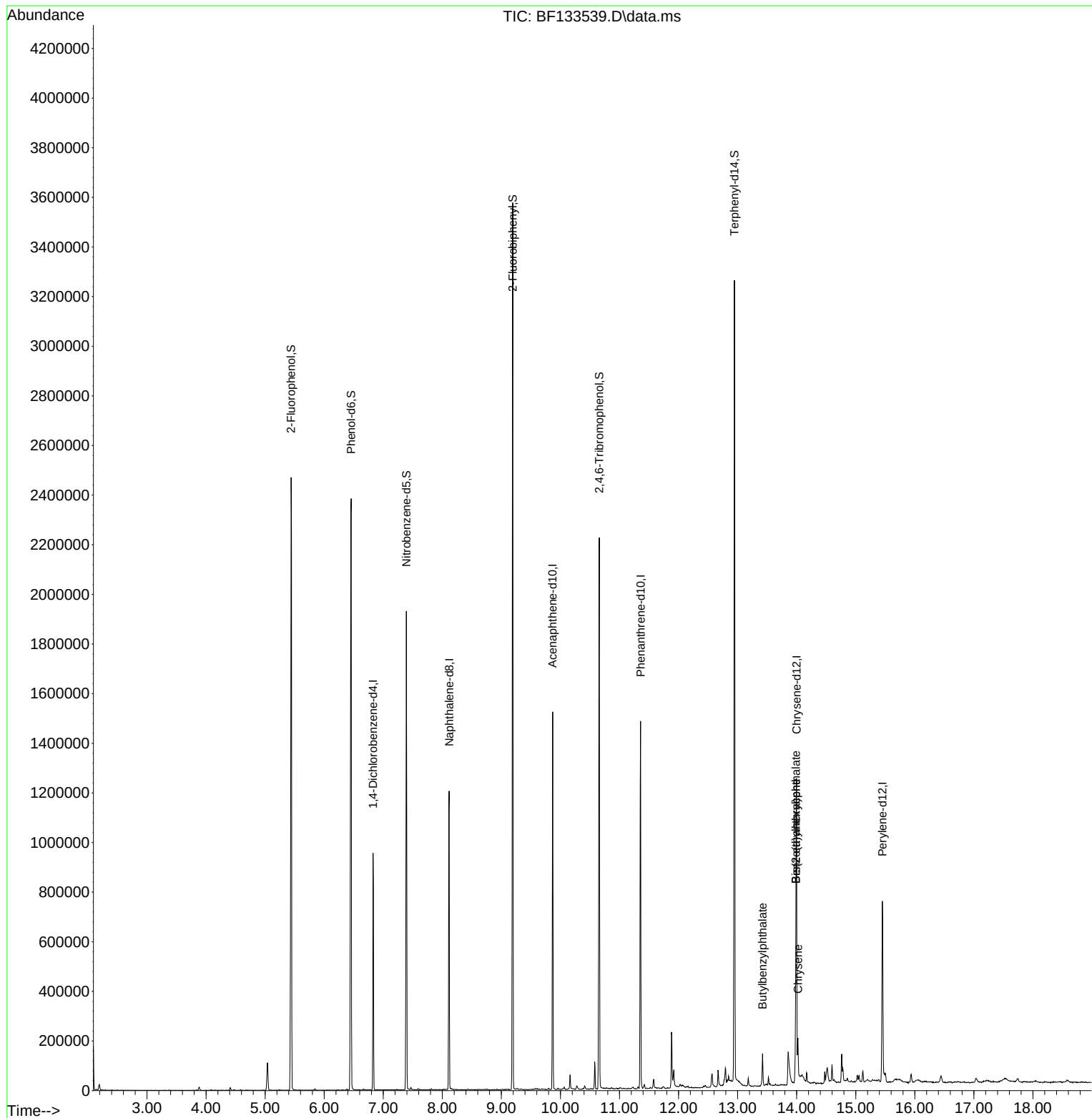
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	132273	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	511957	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	258165	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	515443	20.000	ng	0.00
76) Chrysene-d12	13.998	240	386195	20.000	ng	0.00
86) Perylene-d12	15.451	264	317408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	697483	87.979	ng	0.00
7) Phenol-d6	6.457	99	840977	86.172	ng	0.00
23) Nitrobenzene-d5	7.392	82	540456	70.485	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	251749	97.826	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	988201	59.080	ng	0.00
79) Terphenyl-d14	12.945	244	1173983	54.048	ng	0.00
Target Compounds						
						Qvalue
80) Butylbenzylphthalate	13.421	149	31163	2.397	ng	94
81) Benzo(a)anthracene	13.986	228	61835	2.404	ng	99
83) Chrysene	14.021	228	64370	2.478	ng	97
84) Bis(2-ethylhexyl)phtha...	13.986	149	50129	3.084	ng	98

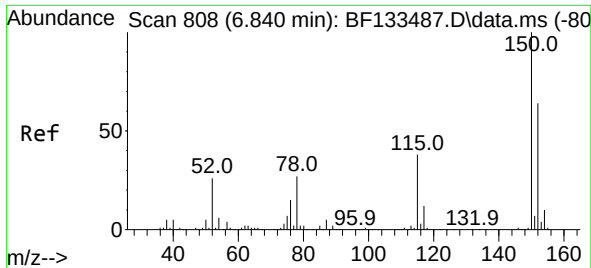
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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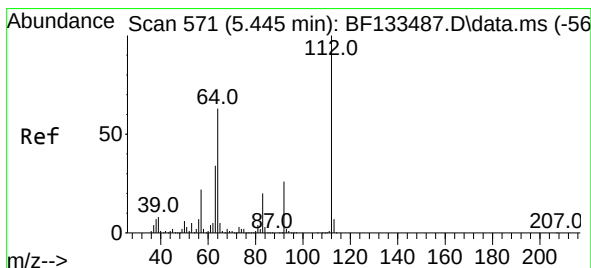
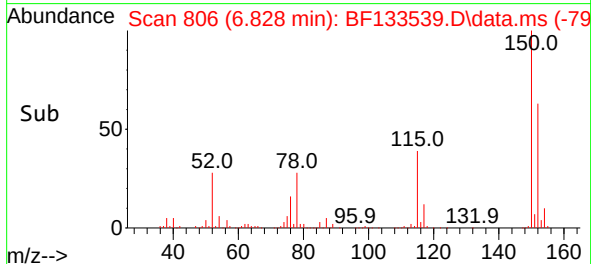
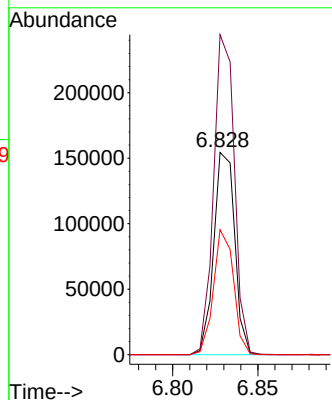
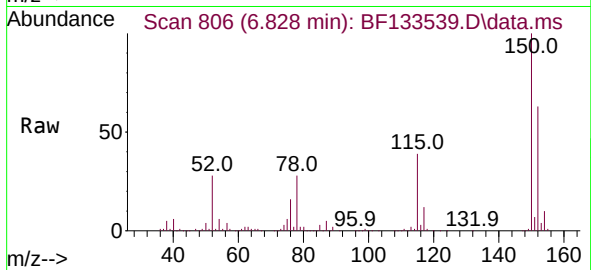




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133539.D
Acq: 31 May 2023 15:09

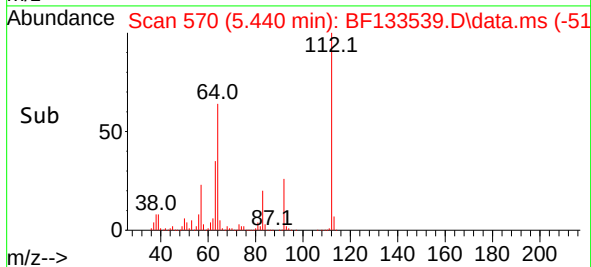
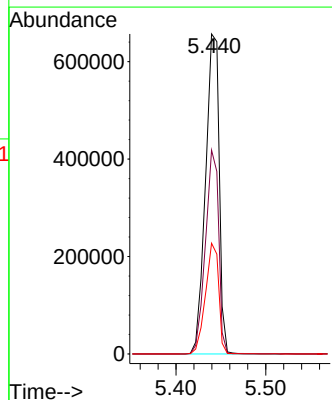
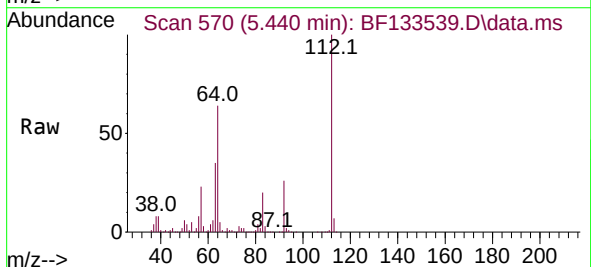
Instrument :
BNA_F
ClientSampleId :
TP-12-0A

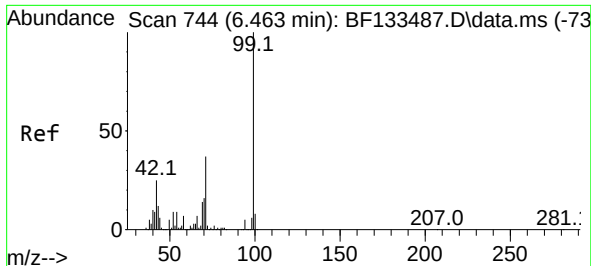
Tgt Ion:152 Resp: 132273
Ion Ratio Lower Upper
152 100
150 158.2 124.9 187.3
115 61.8 48.1 72.1



#5
2-Fluorophenol
Concen: 87.979 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133539.D
Acq: 31 May 2023 15:09

Tgt Ion:112 Resp: 697483
Ion Ratio Lower Upper
112 100
64 63.7 50.1 75.1
63 34.6 27.5 41.3

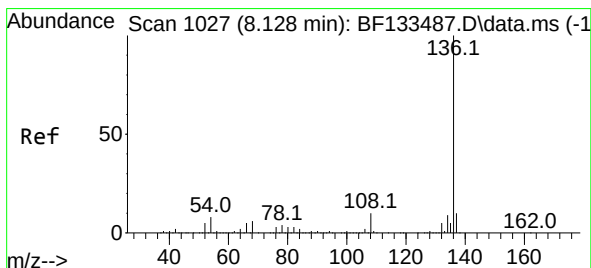
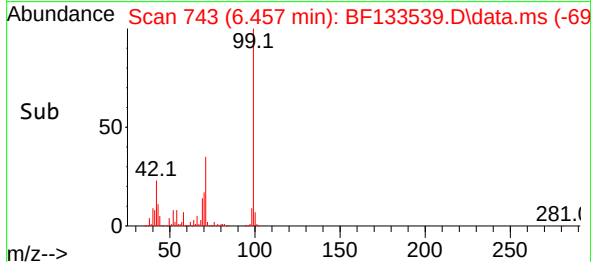
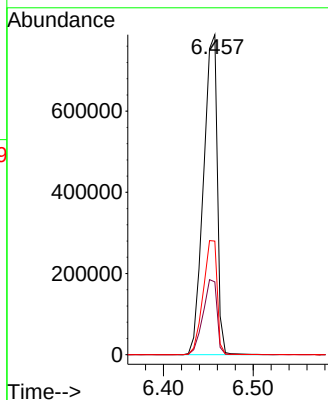
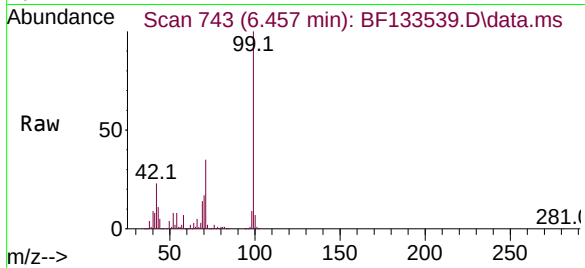




#7
Phenol-d6
Concen: 86.172 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133539.D
Acq: 31 May 2023 15:09

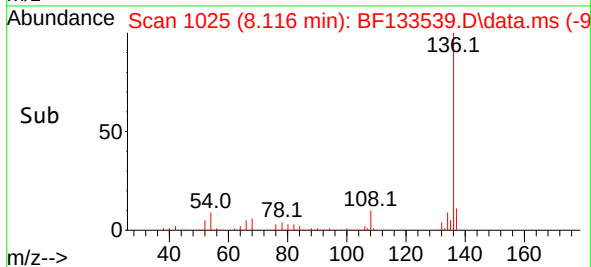
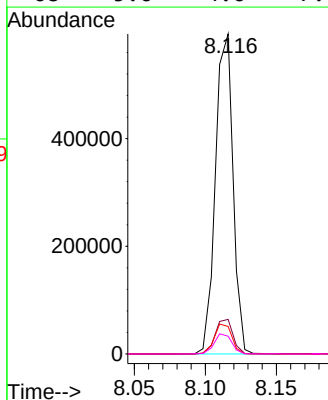
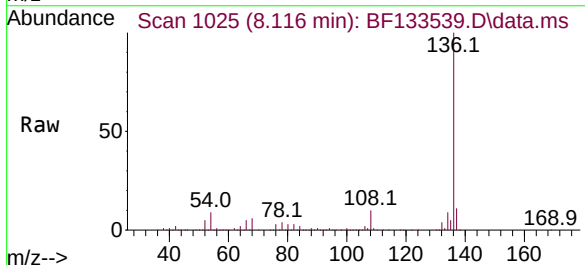
Instrument :
BNA_F
ClientSampleId :
TP-12-0A

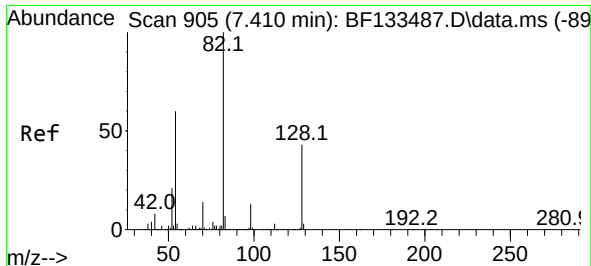
Tgt Ion: 99 Resp: 840977
Ion Ratio Lower Upper
99 100
42 22.7 19.7 29.5
71 35.5 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133539.D
Acq: 31 May 2023 15:09

Tgt Ion: 136 Resp: 511957
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.6 6.6 10.0
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 70.485 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133539.D

Acq: 31 May 2023 15:09

Instrument :

BNA_F

ClientSampleId :

TP-12-0A

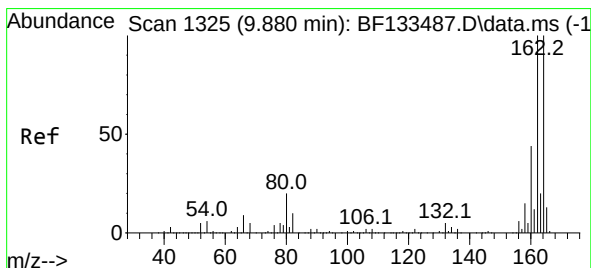
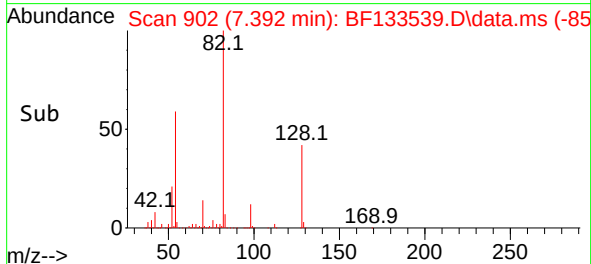
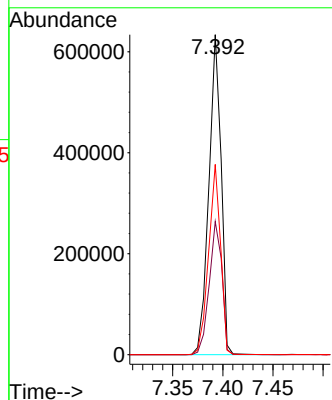
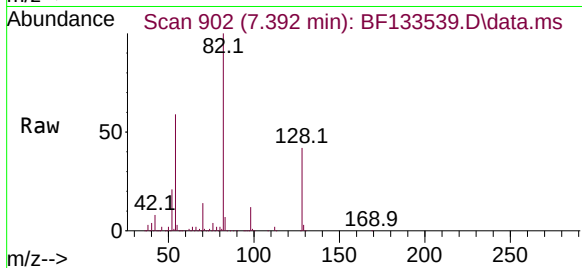
Tgt Ion: 82 Resp: 540456

Ion Ratio Lower Upper

82 100

128 41.6 34.2 51.4

54 59.5 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133539.D

Acq: 31 May 2023 15:09

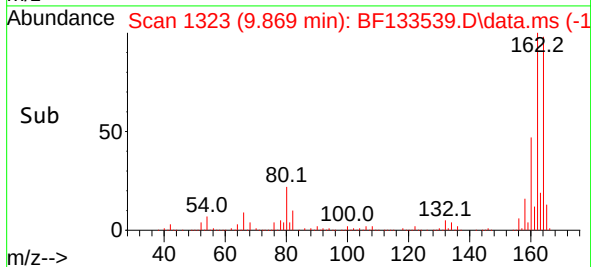
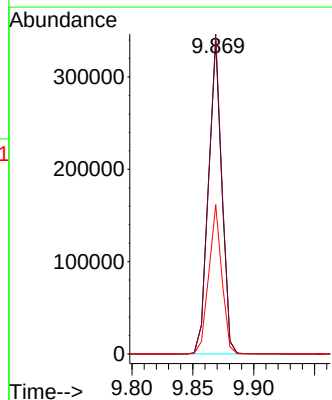
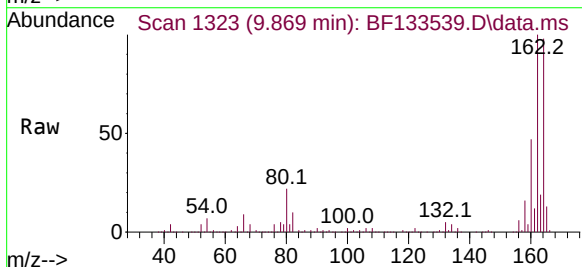
Tgt Ion: 164 Resp: 258165

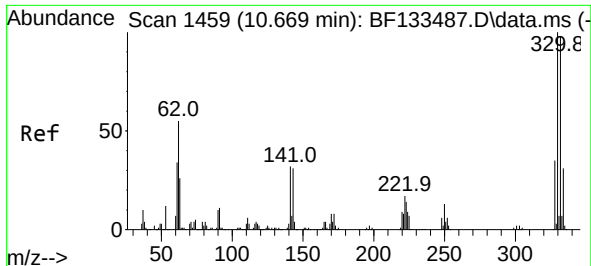
Ion Ratio Lower Upper

164 100

162 102.2 79.7 119.5

160 47.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 97.826 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133539.D

Acq: 31 May 2023 15:09

Instrument :

BNA_F

ClientSampleId :

TP-12-0A

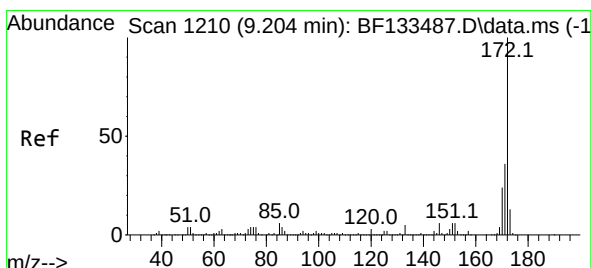
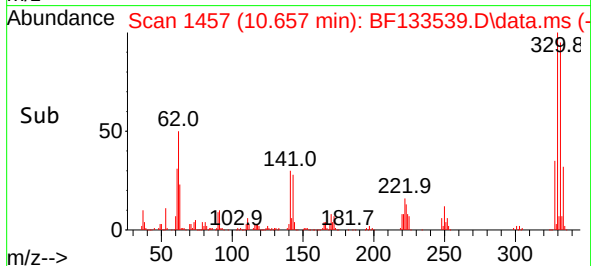
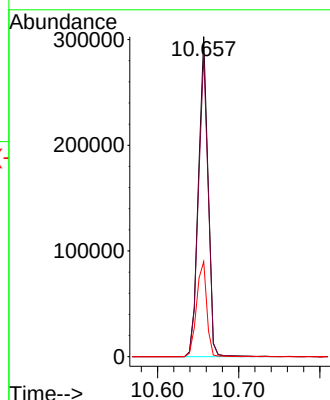
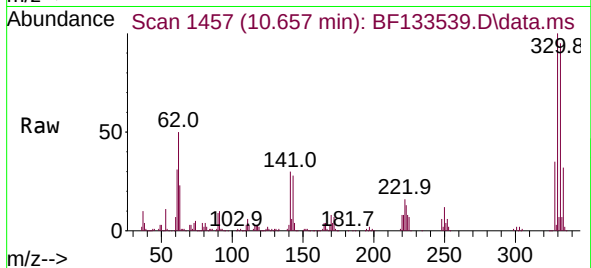
Tgt Ion:330 Resp: 251749

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

141 31.2 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 59.080 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133539.D

Acq: 31 May 2023 15:09

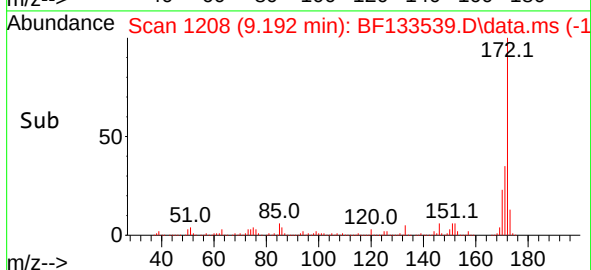
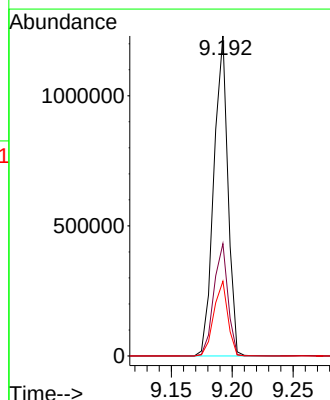
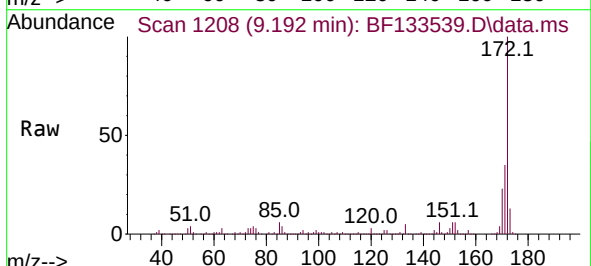
Tgt Ion:172 Resp: 988201

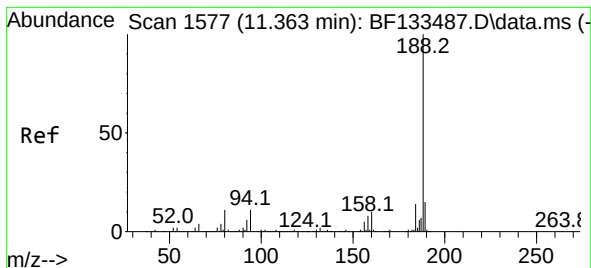
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.3 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133539.D

Acq: 31 May 2023 15:09

Instrument :

BNA_F

ClientSampleId :

TP-12-0A

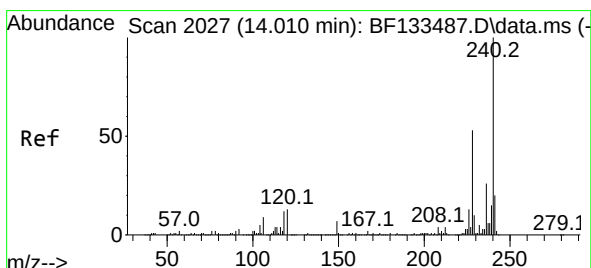
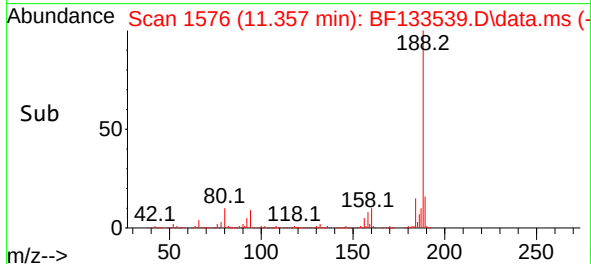
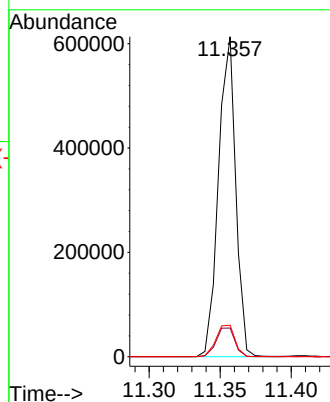
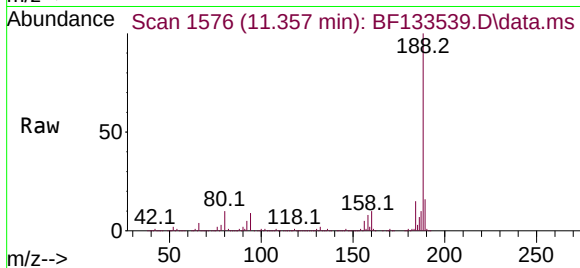
Tgt Ion:188 Resp: 515443

Ion Ratio Lower Upper

188 100

94 9.0 8.6 12.8

80 9.8 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133539.D

Acq: 31 May 2023 15:09

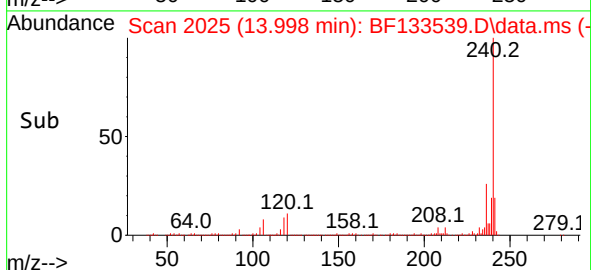
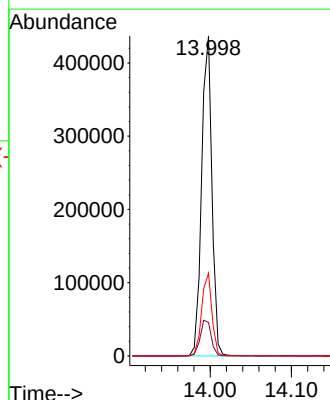
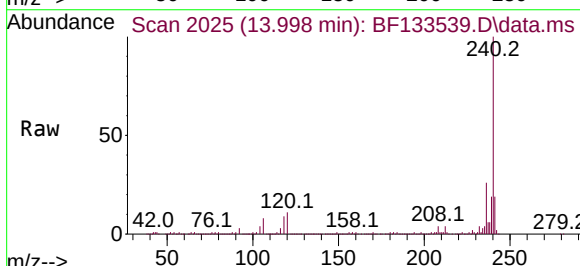
Tgt Ion:240 Resp: 386195

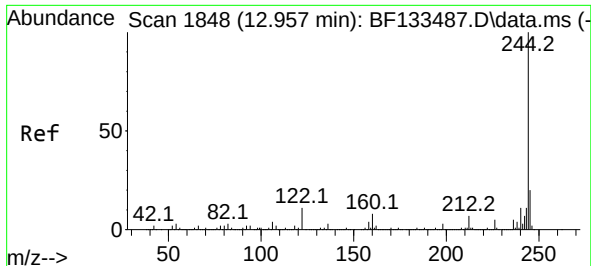
Ion Ratio Lower Upper

240 100

120 10.5 10.3 15.5

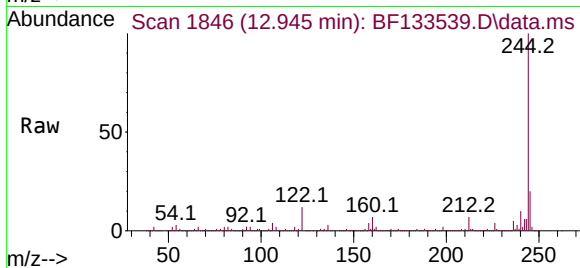
236 25.9 20.5 30.7



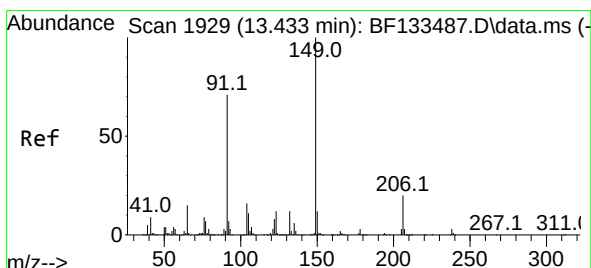
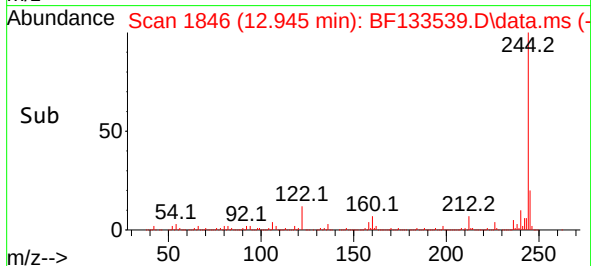
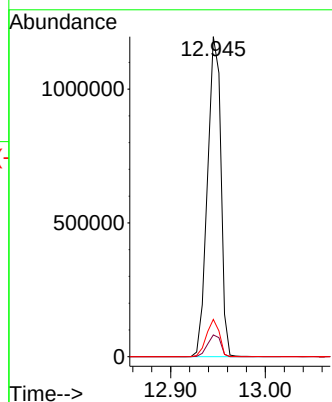


#79
 Terphenyl-d14
 Concen: 54.048 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133539.D
 Acq: 31 May 2023 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-0A

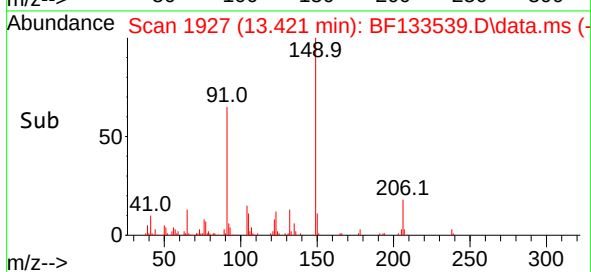
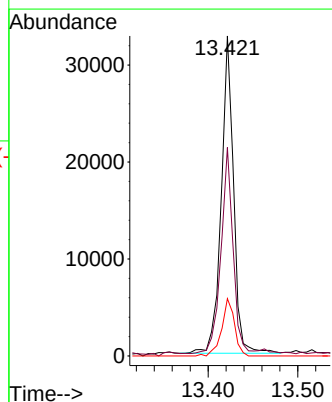
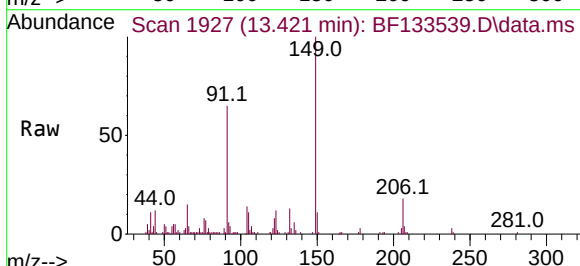


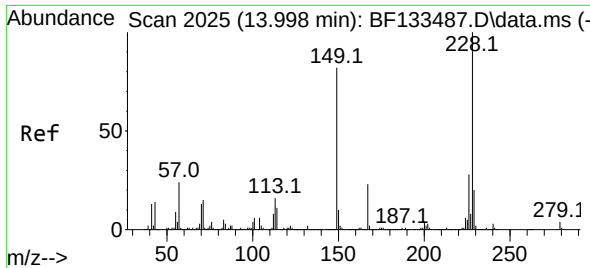
Tgt Ion:244 Resp: 1173983
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 11.7 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 2.397 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BF133539.D
 Acq: 31 May 2023 15:09

Tgt Ion:149 Resp: 31163
 Ion Ratio Lower Upper
 149 100
 91 65.2 56.9 85.3
 206 17.9 15.7 23.5

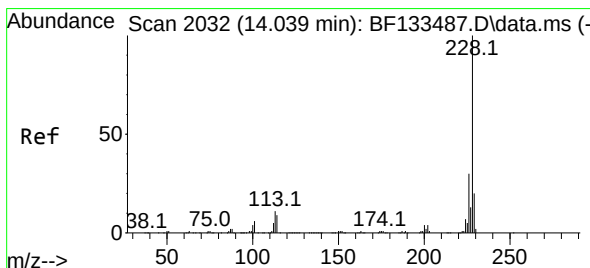
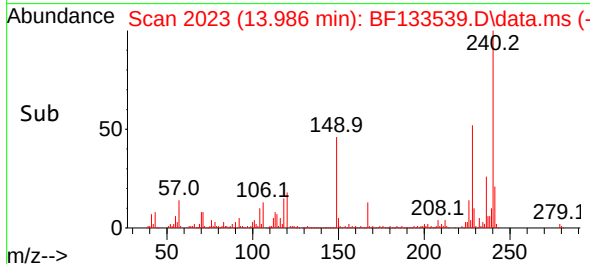
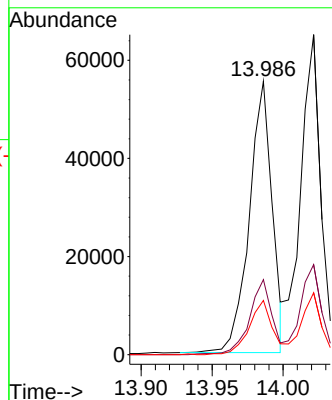
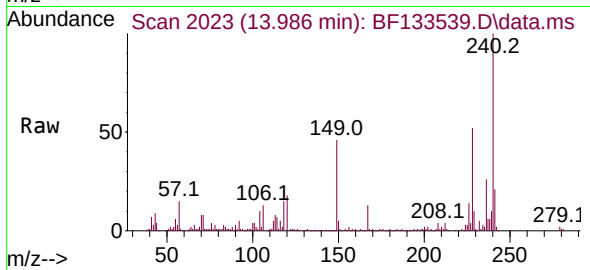




#81
Benzo(a)anthracene
Concen: 2.404 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF133539.D
Acq: 31 May 2023 15:09

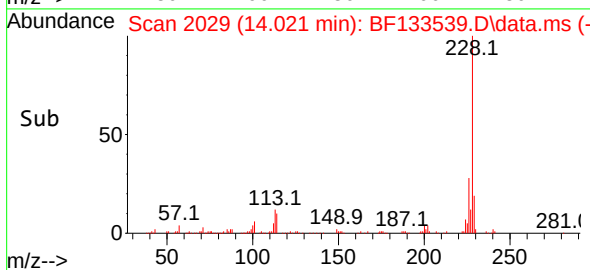
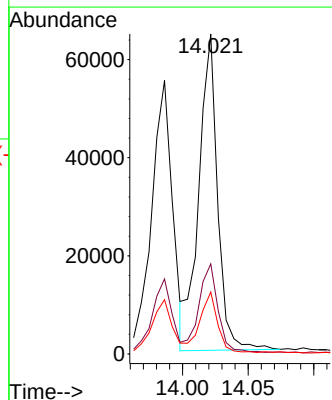
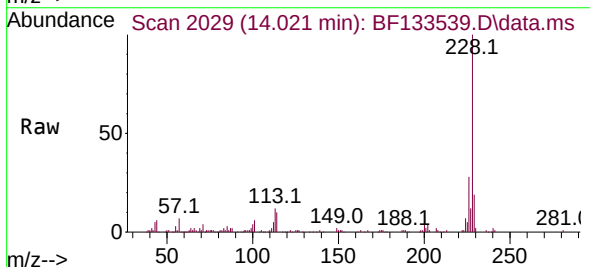
Instrument :
BNA_F
ClientSampleId :
TP-12-0A

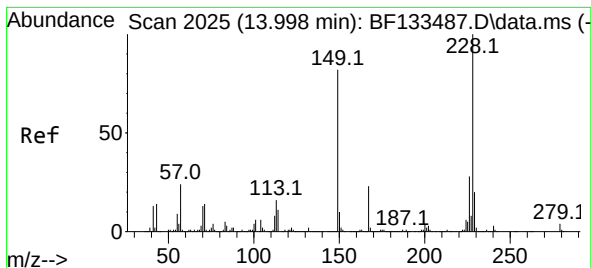
Tgt Ion:228 Resp: 61835
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.8 16.1 24.1



#83
Chrysene
Concen: 2.478 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF133539.D
Acq: 31 May 2023 15:09

Tgt Ion:228 Resp: 64370
Ion Ratio Lower Upper
228 100
226 28.1 24.1 36.1
229 19.3 15.8 23.8

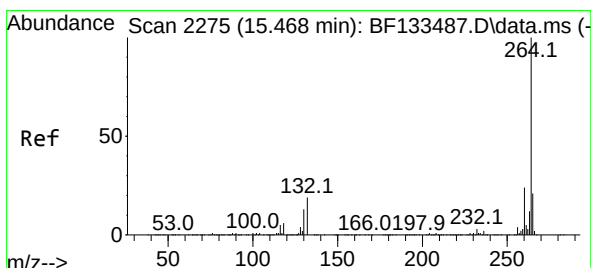
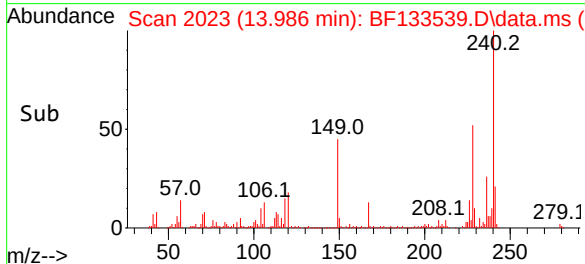
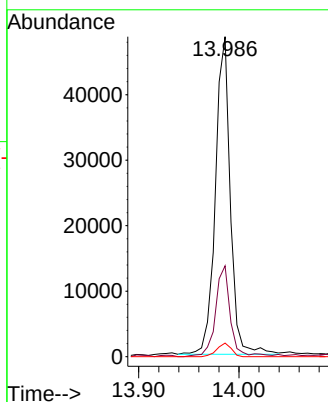
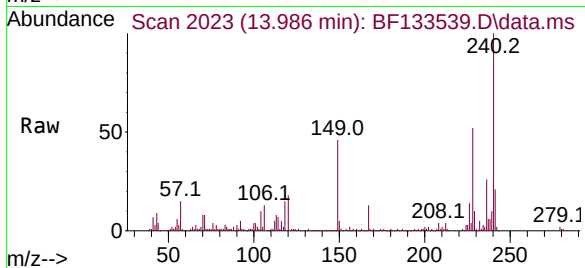




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.084 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF133539.D
Acq: 31 May 2023 15:09

Instrument :
BNA_F
ClientSampleId :
TP-12-0A

Tgt Ion:149 Resp: 50129
Ion Ratio Lower Upper
149 100
167 28.4 22.0 33.0
279 4.3 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF133539.D
Acq: 31 May 2023 15:09

Tgt Ion:264 Resp: 317408
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 21.1 16.8 25.2

