

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133538.D
 Acq On : 31 May 2023 14:38
 Operator : CG\JU
 Sample : 02972-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-0A

Quant Time: May 31 15:21:15 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)

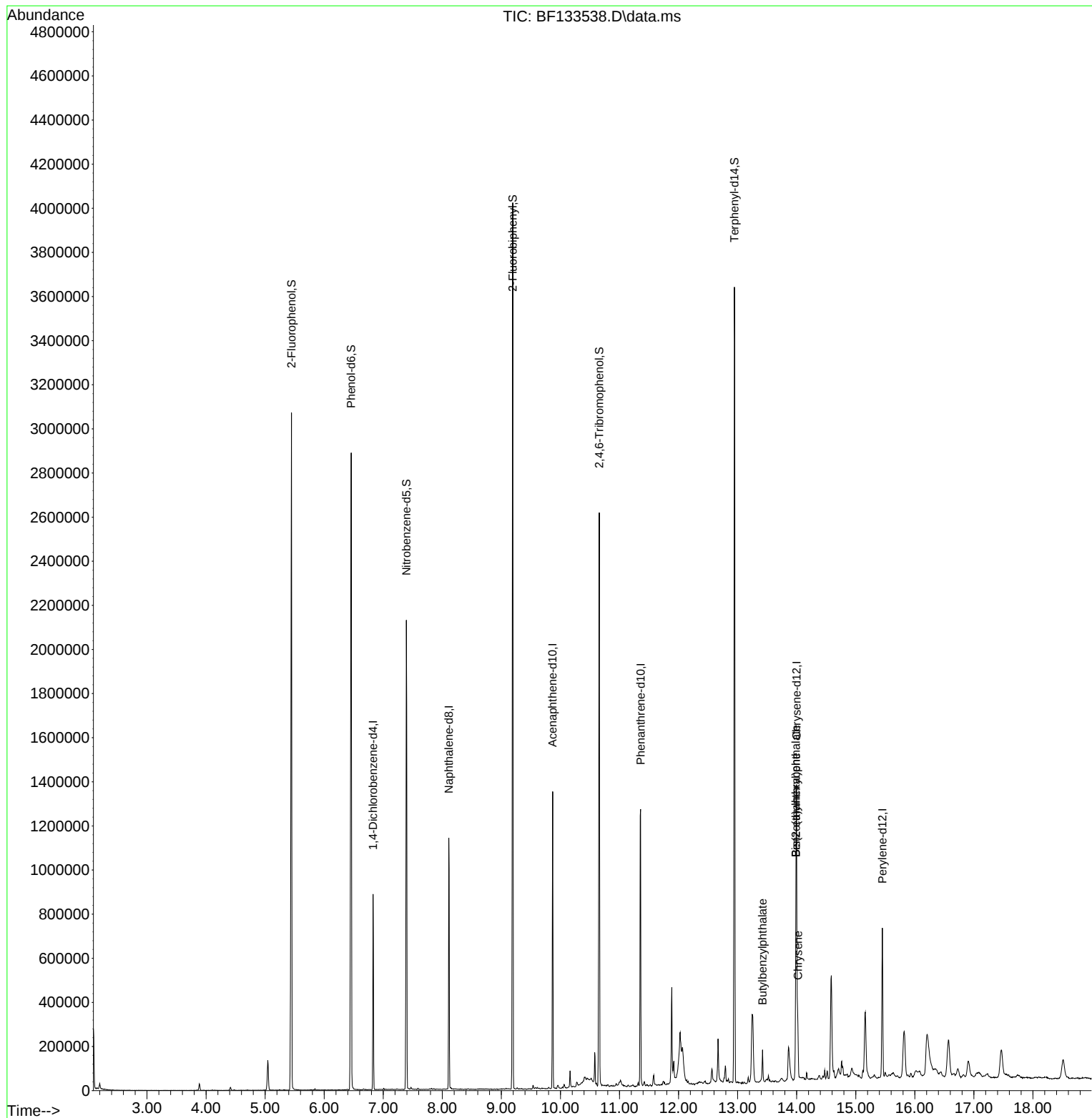
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	117262	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	463128	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	233032	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	476693	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	334452	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	284359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	819141	116.551	ng	0.00
7) Phenol-d6	6.457	99	1009578	116.691	ng	0.00
23) Nitrobenzene-d5	7.392	82	647875	93.403	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	302005	130.012	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1155080	76.504	ng	0.00
79) Terphenyl-d14	12.945	244	1371927	72.933	ng	0.00
Target Compounds						
						Qvalue
80) Butylbenzylphthalate	13.421	149	33442	2.970	ng	96
81) Benzo(a)anthracene	13.986	228	58968	2.647	ng	98
83) Chrysene	14.021	228	57041	2.536	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	57257	4.068	ng	99

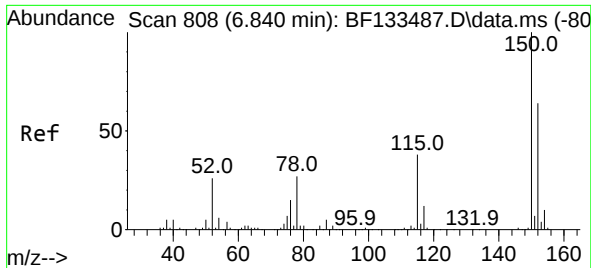
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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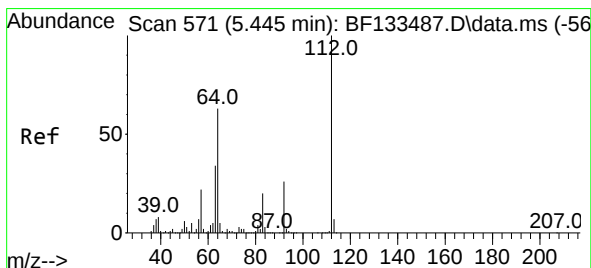
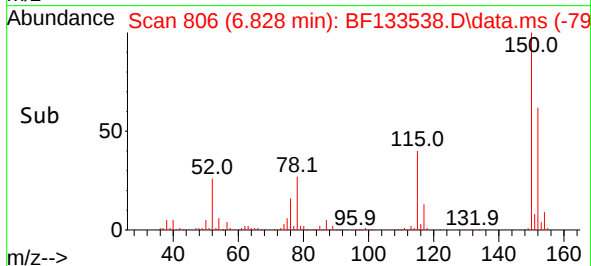
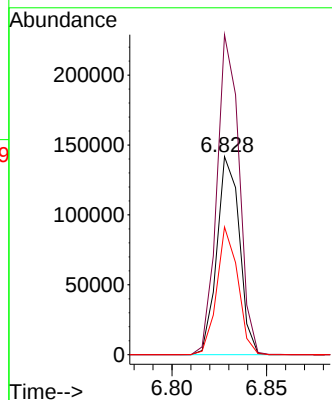
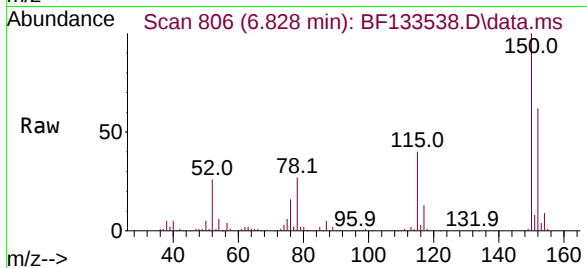




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

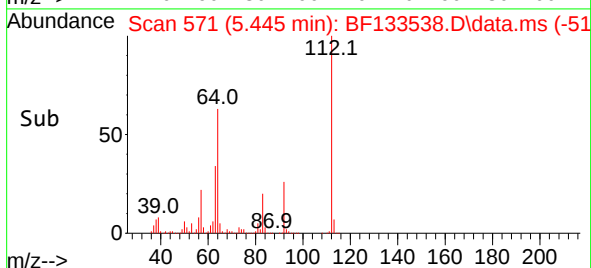
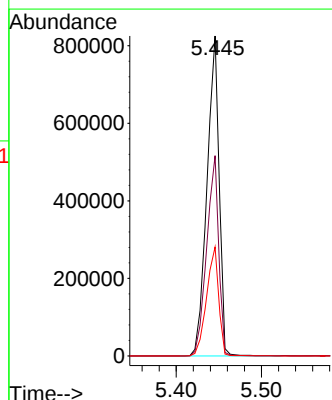
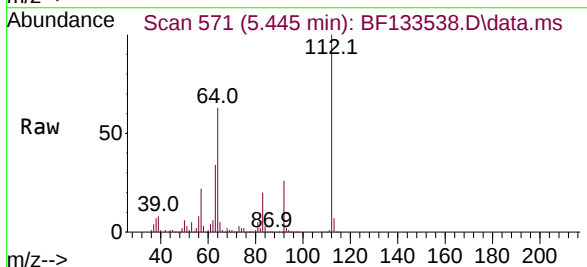
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

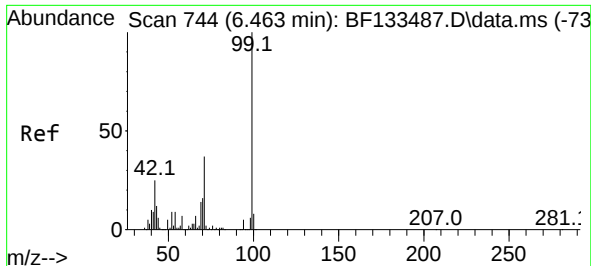
Tgt Ion:152 Resp: 117262
Ion Ratio Lower Upper
152 100
150 161.5 124.9 187.3
115 64.4 48.1 72.1



#5
2-Fluorophenol
Concen: 116.551 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:112 Resp: 819141
Ion Ratio Lower Upper
112 100
64 62.6 50.1 75.1
63 34.0 27.5 41.3

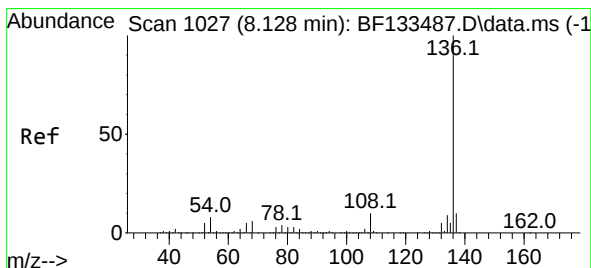
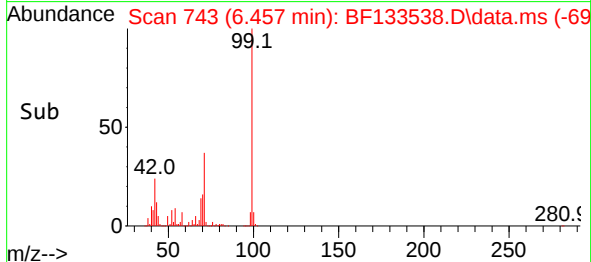
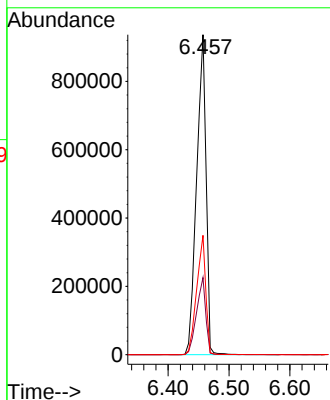
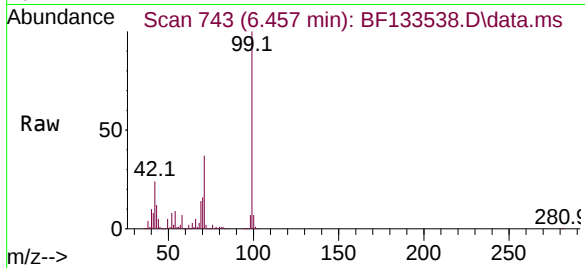




#7
Phenol-d6
Concen: 116.691 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

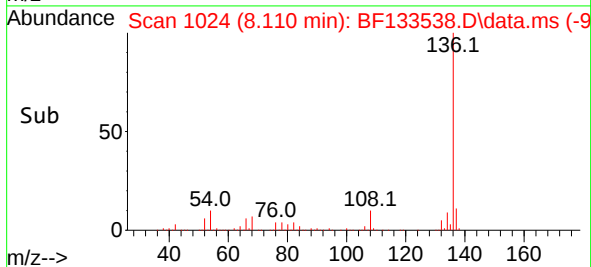
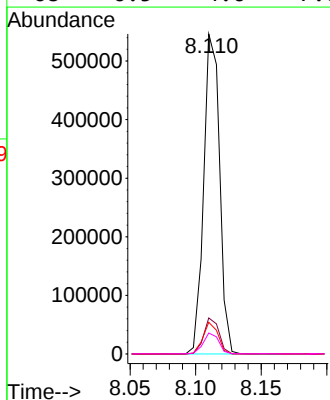
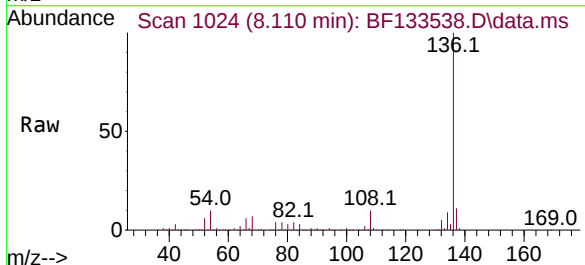
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

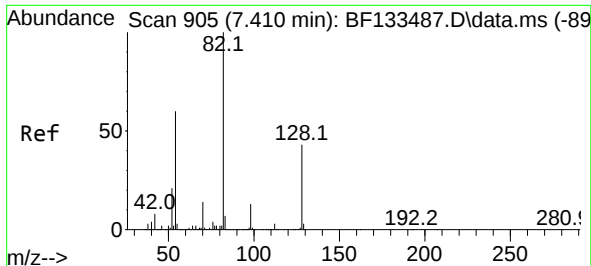
Tgt Ion: 99 Resp: 1009578
Ion Ratio Lower Upper
99 100
42 24.1 19.7 29.5
71 37.3 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:136 Resp: 463128
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.4
54 9.9 6.6 10.0
68 6.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 93.403 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

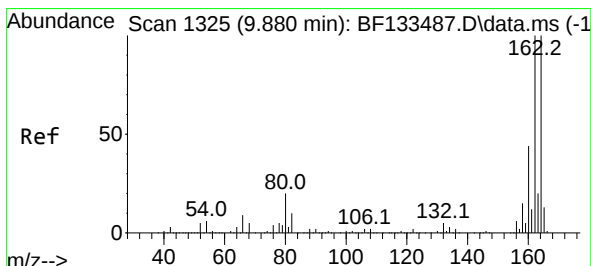
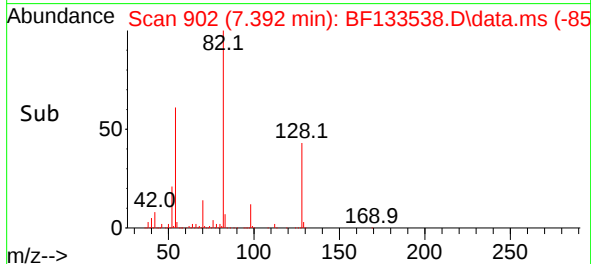
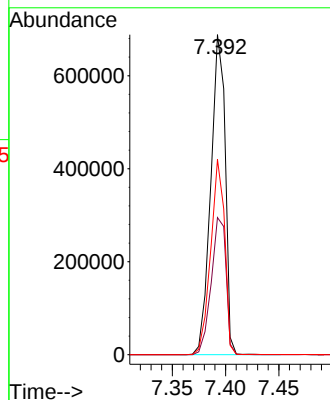
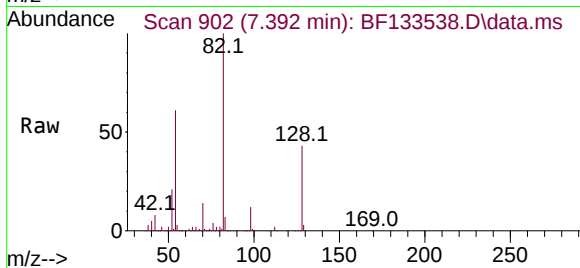
Tgt Ion: 82 Resp: 647875

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.4

54 61.0 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: BF133538.D

Acq: 31 May 2023 14:38

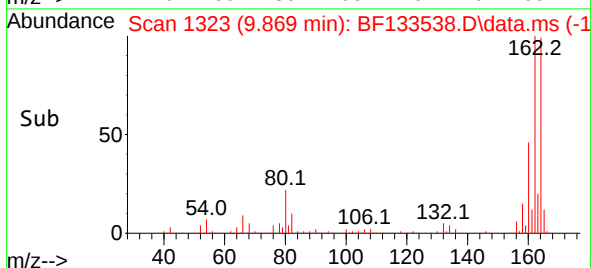
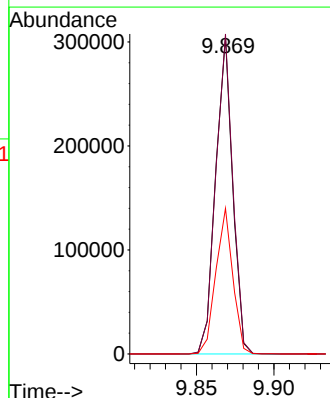
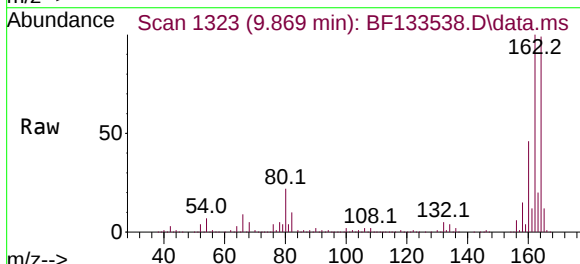
Tgt Ion: 164 Resp: 233032

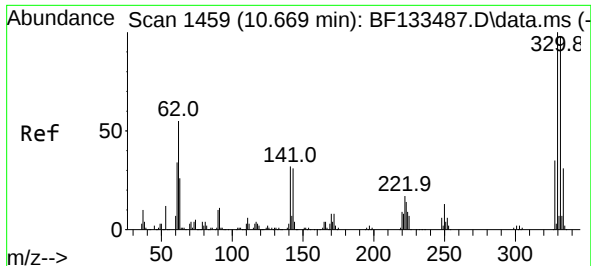
Ion Ratio Lower Upper

164 100

162 100.9 79.7 119.5

160 45.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 130.012 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

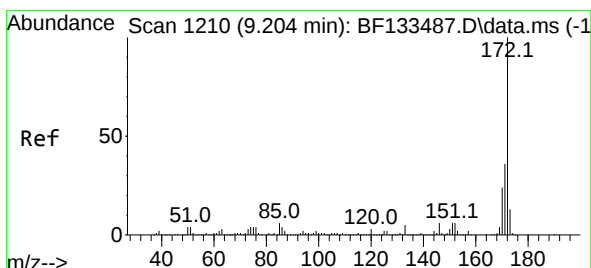
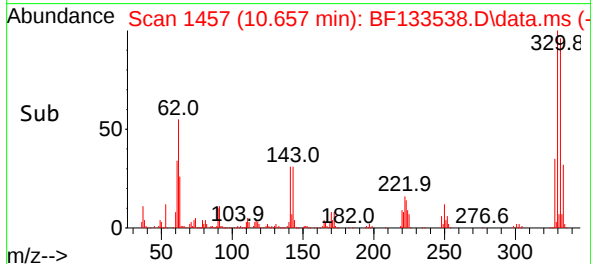
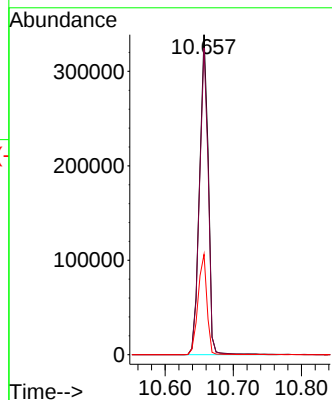
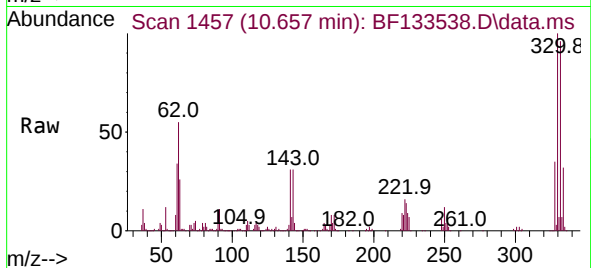
Tgt Ion:330 Resp: 302005

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.6

141 31.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 76.504 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

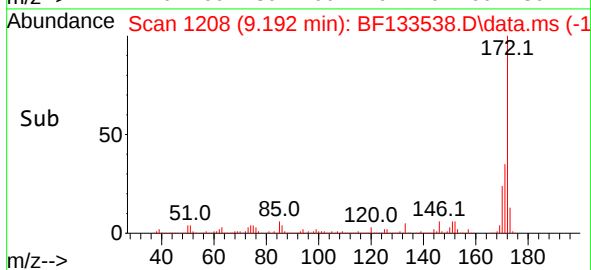
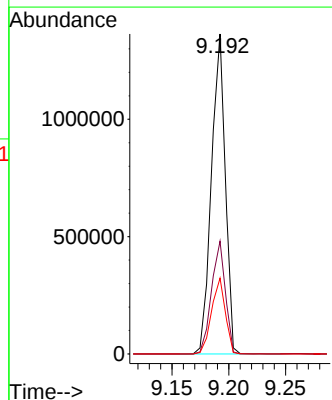
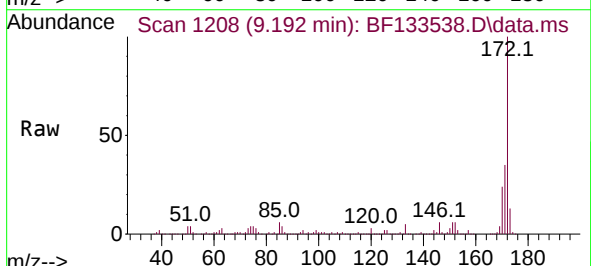
Tgt Ion:172 Resp: 1155080

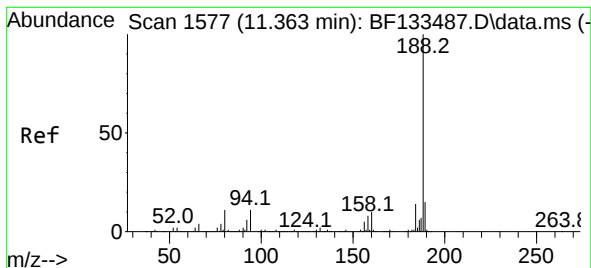
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.7 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: BF133538.D

Acq: 31 May 2023 14:38

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

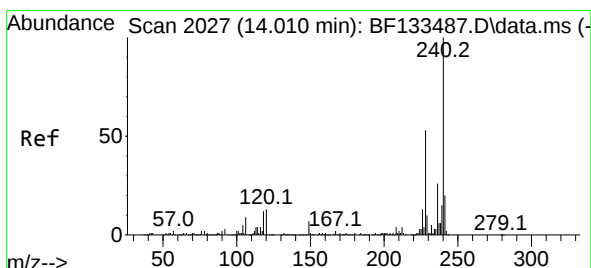
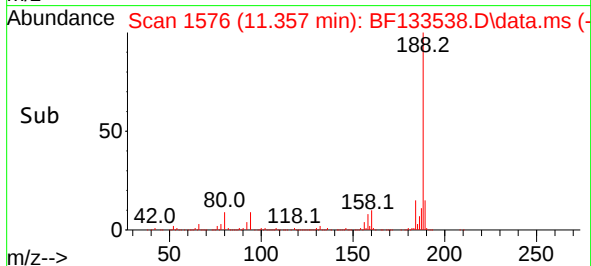
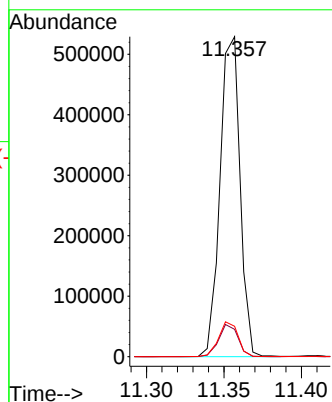
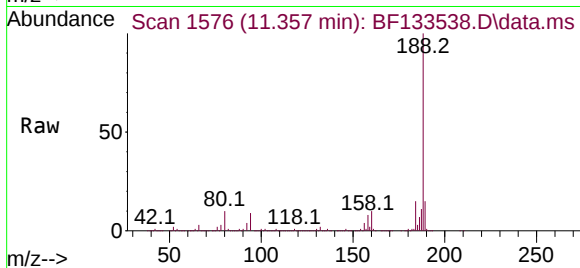
Tgt Ion:188 Resp: 476693

Ion Ratio Lower Upper

188 100

94 8.6 8.6 12.8#

80 9.5 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: BF133538.D

Acq: 31 May 2023 14:38

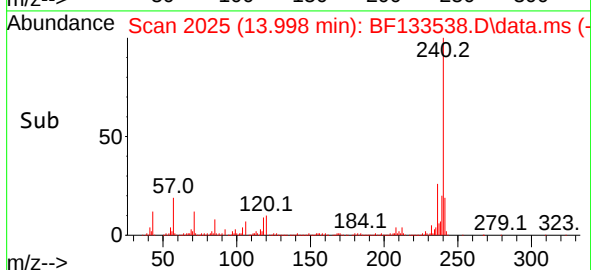
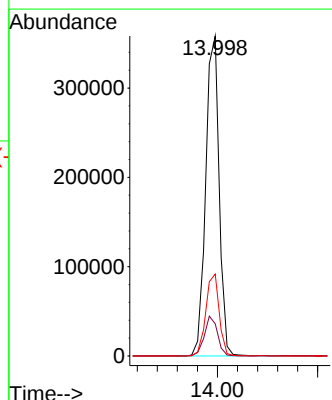
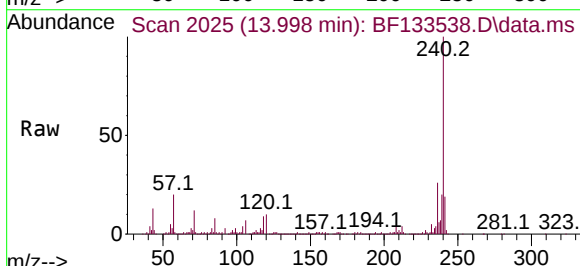
Tgt Ion:240 Resp: 334452

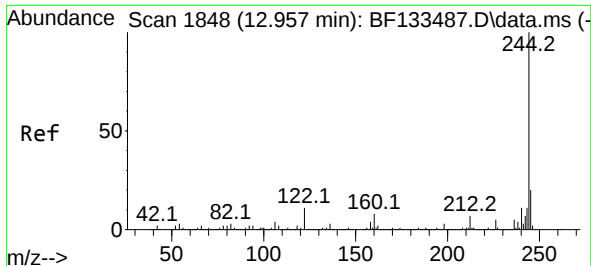
Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

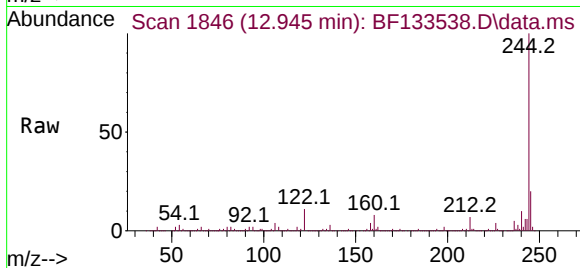
236 25.6 20.5 30.7





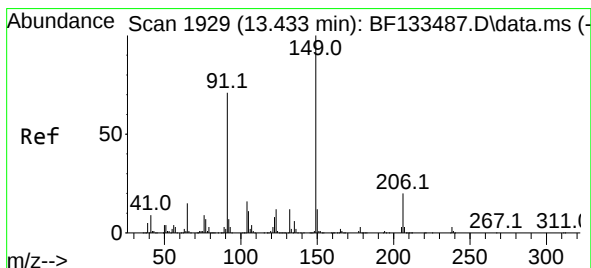
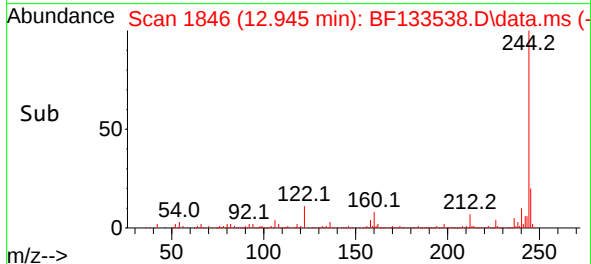
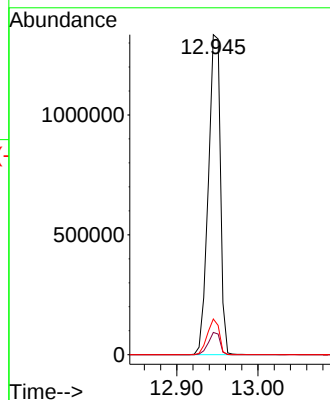
#79
 Terphenyl-d14
 Concen: 72.933 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133538.D
 Acq: 31 May 2023 14:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-0A



Tgt Ion:244 Resp: 1371927

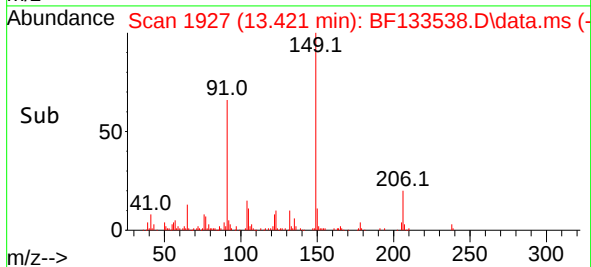
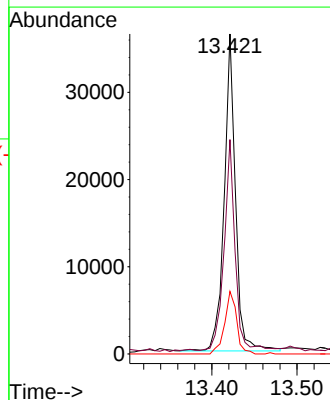
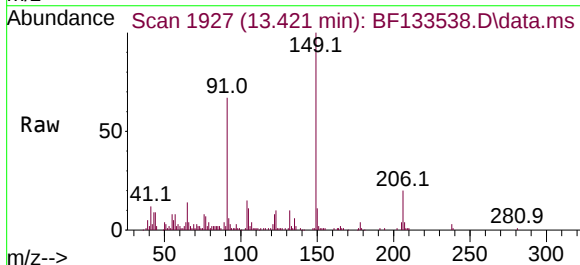
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	11.2	8.5	12.7

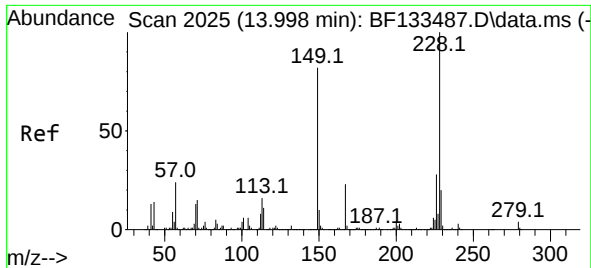


#80
 Butylbenzylphthalate
 Concen: 2.970 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BF133538.D
 Acq: 31 May 2023 14:38

Tgt Ion:149 Resp: 33442

Ion	Ratio	Lower	Upper
149	100		
91	67.0	56.9	85.3
206	19.5	15.7	23.5

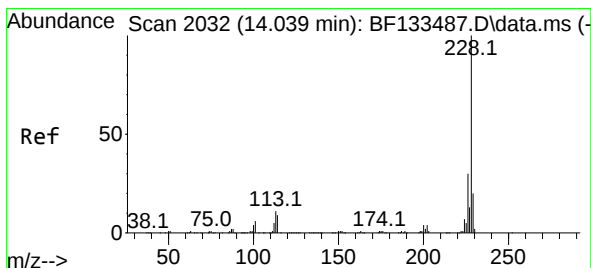
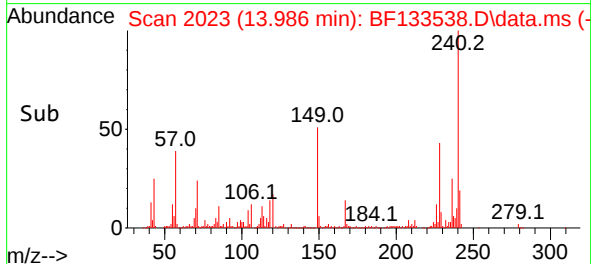
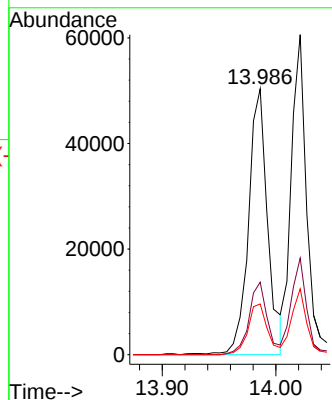
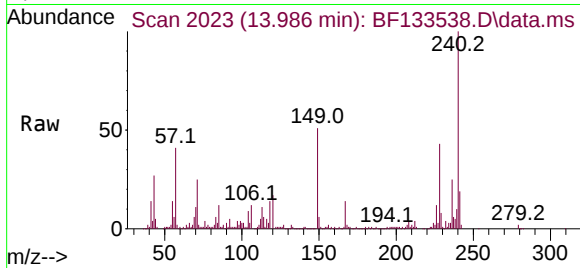




#81
Benzo(a)anthracene
Concen: 2.647 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

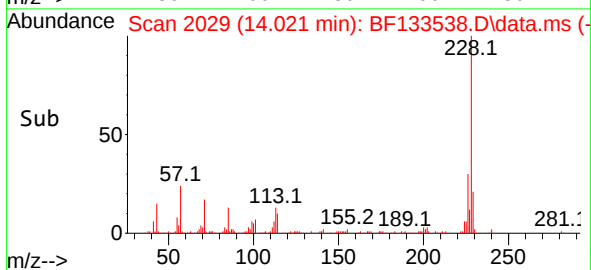
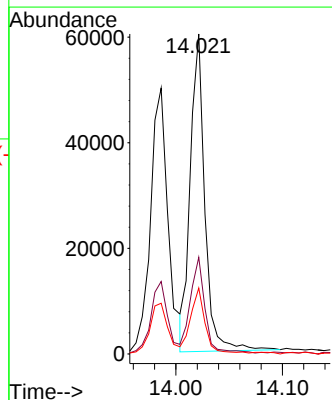
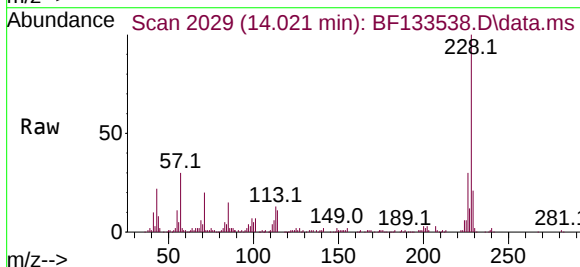
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

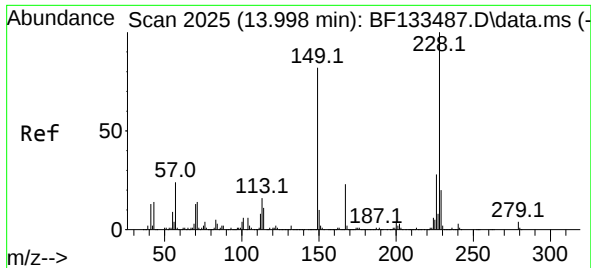
Tgt Ion:228 Resp: 58968
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.1 16.1 24.1



#83
Chrysene
Concen: 2.536 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:228 Resp: 57041
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 20.6 15.8 23.8

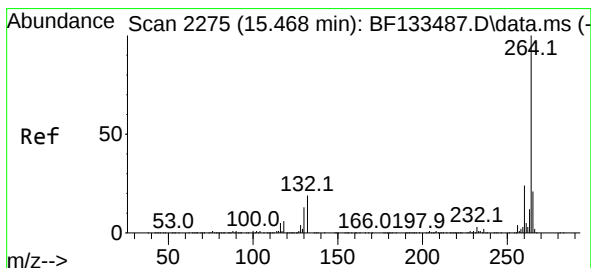
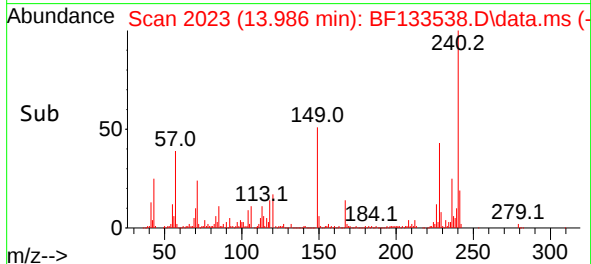
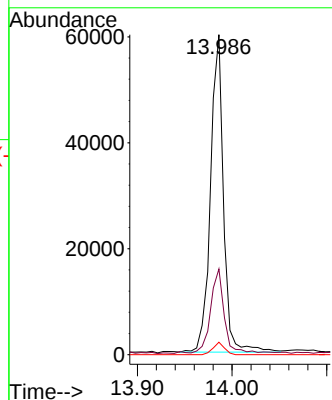
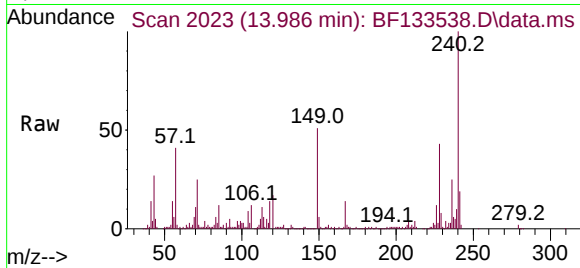




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.068 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Instrument :
BNA_F
ClientSampleId :
TP-11-0A

Tgt Ion:149	Resp:	57257
Ion Ratio	Lower	Upper
149	100	
167	26.8	22.0 33.0
279	3.9	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: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:264	Resp:	284359
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.0 28.4
265	22.0	16.8 25.2

