

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133685.D
 Acq On : 09 Jun 2023 20:05
 Operator : CG\JU
 Sample : 03029-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Jun 09 22:26:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

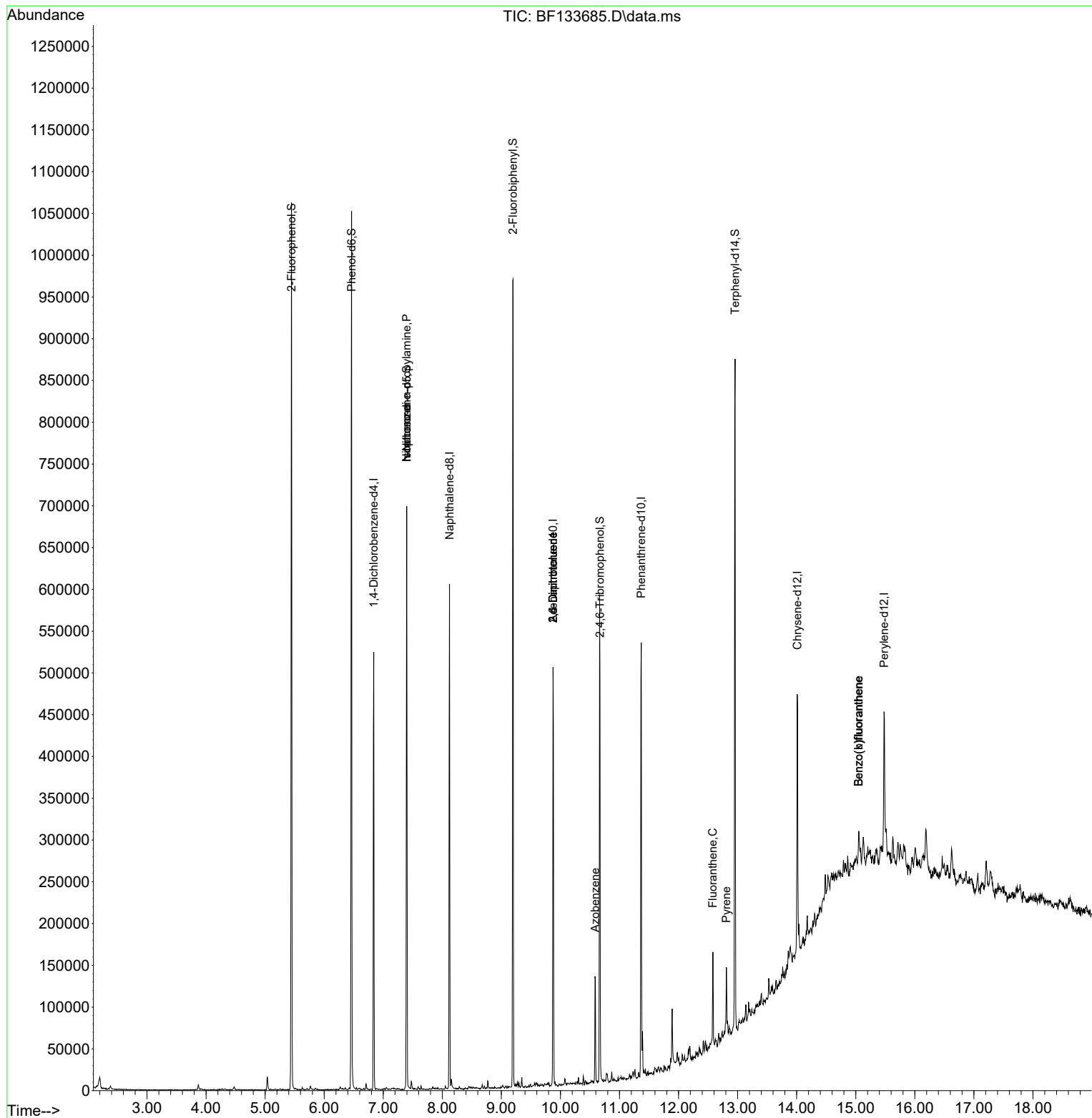
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	69638	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	225903	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	93992	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	186180	20.000	ng	0.00
76) Chrysene-d12	14.010	240	104127	20.000	ng	0.00
86) Perylene-d12	15.480	264	83410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	239834	59.957	ng	0.00
7) Phenol-d6	6.463	99	267918	51.455	ng	0.00
23) Nitrobenzene-d5	7.398	82	173425	41.814	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	64405	54.132	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	287003	43.406	ng	0.00
79) Terphenyl-d14	12.957	244	277253	41.200	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.398	70	24687	7.452	ng	# 79
25) Isophorone	7.398	82	172445	22.647	ng	# 65
51) 2,6-Dinitrotoluene	9.874	165	12679	8.756	ng	# 28
57) 2,4-Dinitrotoluene	9.874	165	12679	6.884	ng	# 20
63) Azobenzene	10.586	77	22656	3.352	ng	# 1
75) Fluoranthene	12.580	202	41429	4.130	ng	99
78) Pyrene	12.810	202	31608	3.259	ng	98
88) Benzo(b)fluoranthene	15.051	252	16438	3.244	ng	# 75
89) Benzo(k)fluoranthene	15.051	252	16438	3.330	ng	# 75

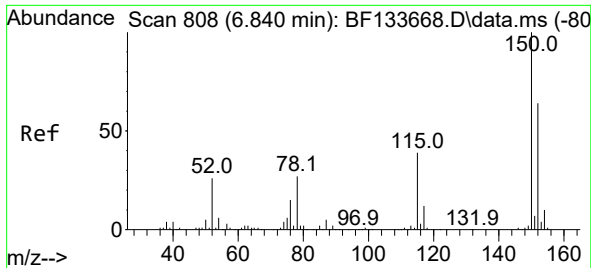
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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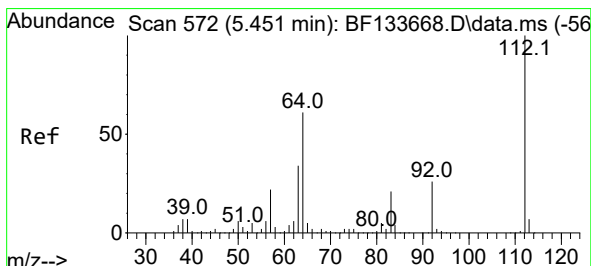
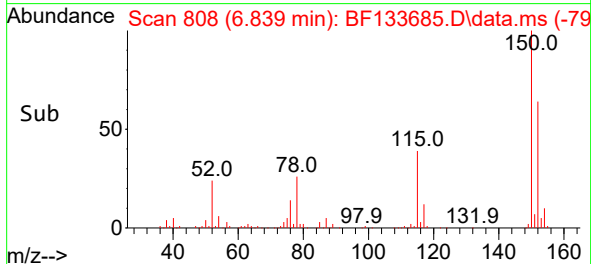
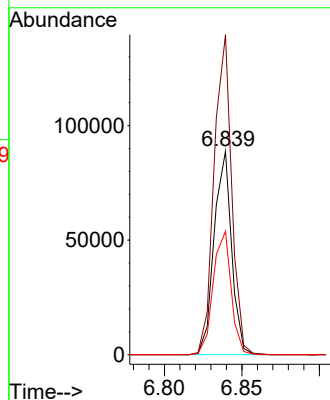
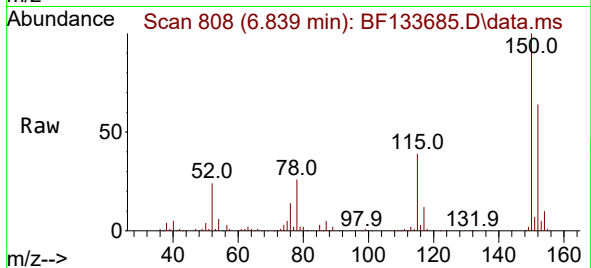




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

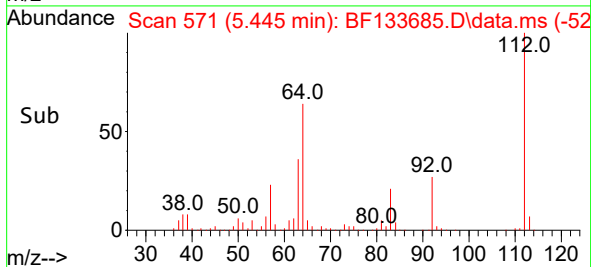
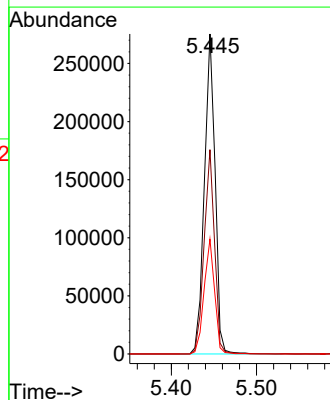
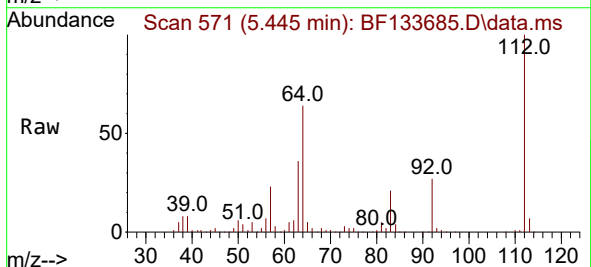
Instrument :
BNA_F
ClientSampleId :
TP-7

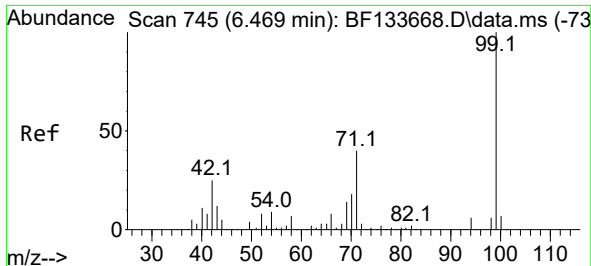
Tgt Ion:152 Resp: 69638
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 60.6 48.5 72.7



#5
2-Fluorophenol
Concen: 59.957 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Tgt Ion:112 Resp: 239834
Ion Ratio Lower Upper
112 100
64 63.9 49.0 73.4
63 35.9 26.8 40.2

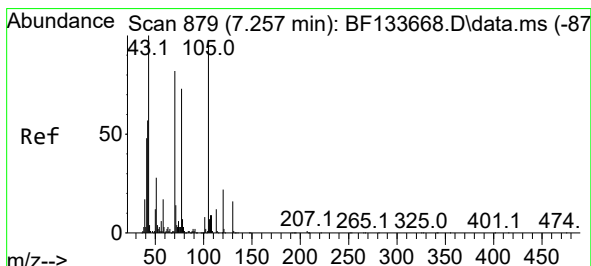
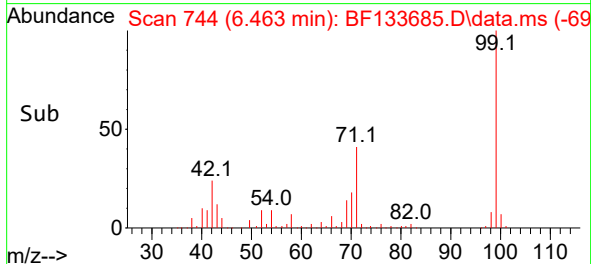
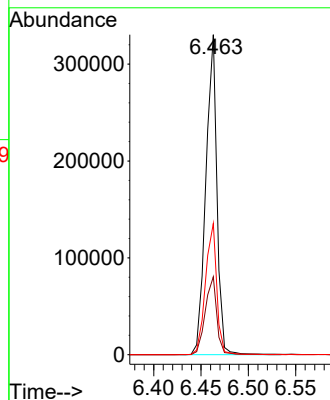
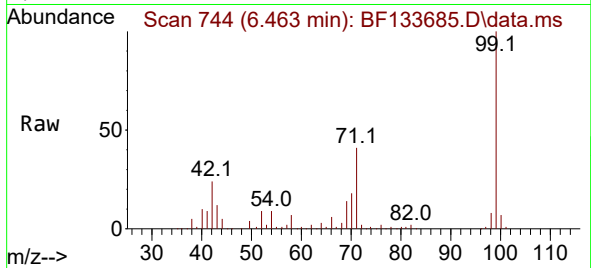




#7
Phenol-d6
Concen: 51.455 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

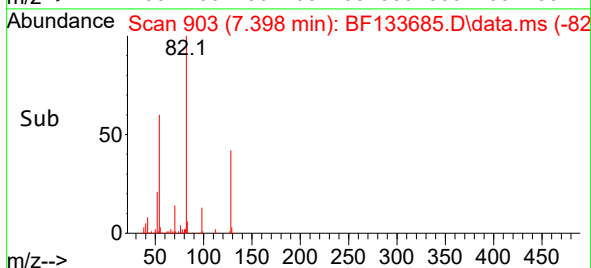
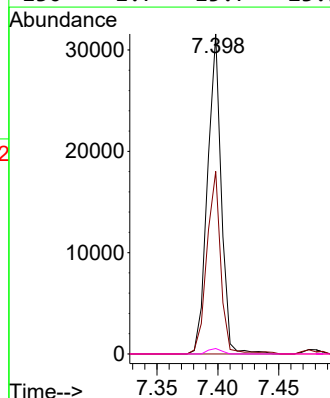
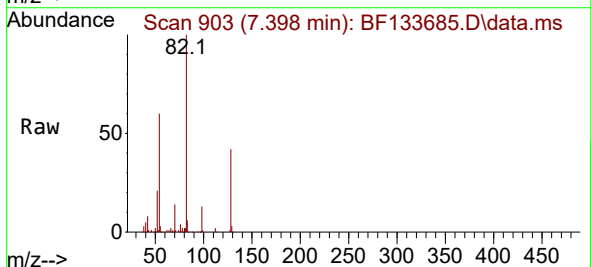
Instrument :
BNA_F
ClientSampleId :
TP-7

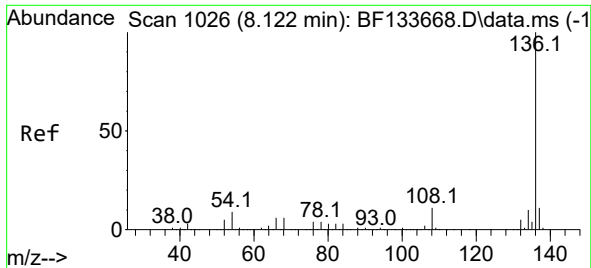
Tgt Ion: 99 Resp: 267918
Ion Ratio Lower Upper
99 100
42 24.4 19.9 29.9
71 41.0 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 7.452 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Tgt Ion: 70 Resp: 24687
Ion Ratio Lower Upper
70 100
42 57.1 55.8 83.8
101 0.0 8.1 12.1#
130 1.7 15.7 23.5#



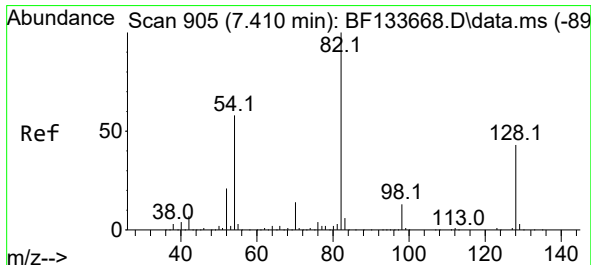
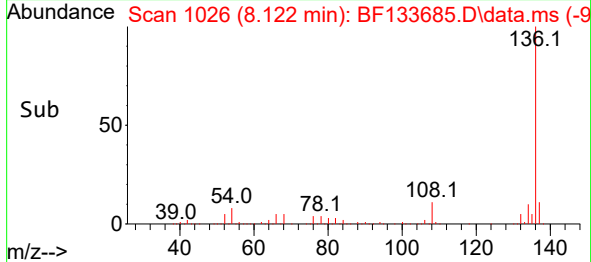
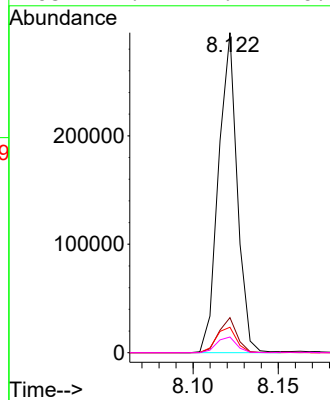
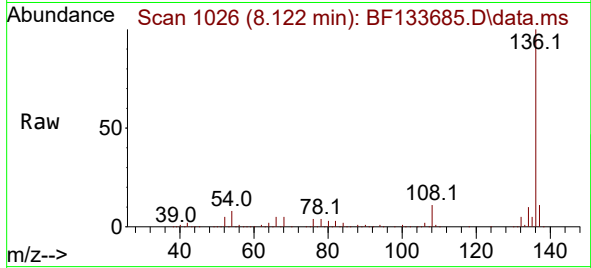


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:136 Resp: 225903

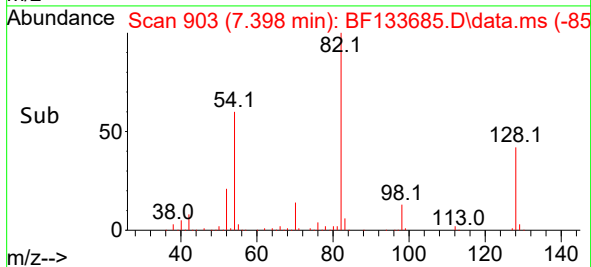
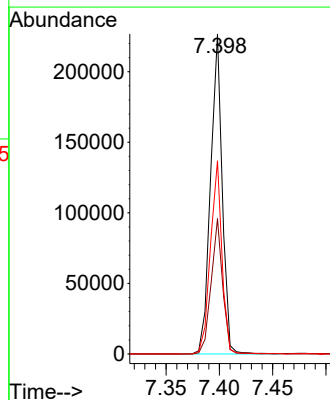
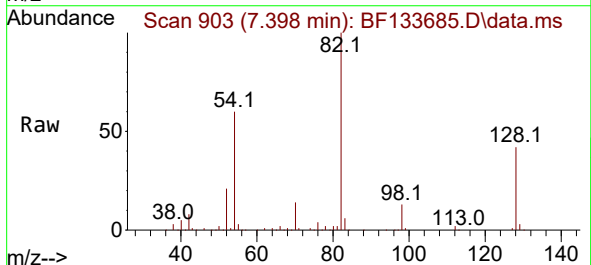
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	7.4	11.0
68	4.9	4.4	6.6

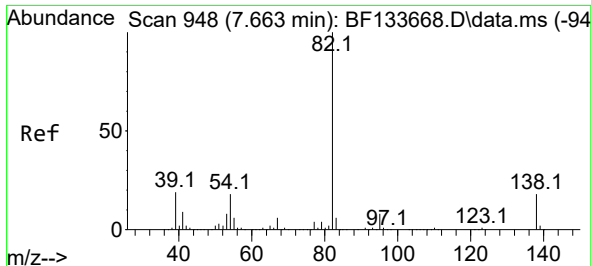


#23
Nitrobenzene-d5
Concen: 41.814 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Tgt Ion: 82 Resp: 173425

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.2	51.2
54	60.4	46.5	69.7

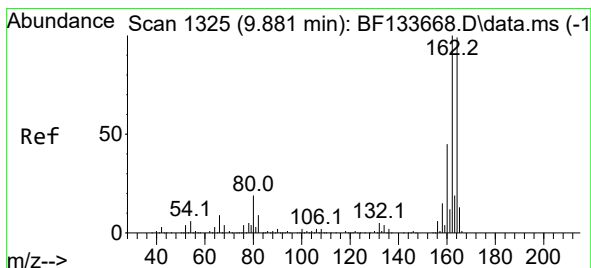
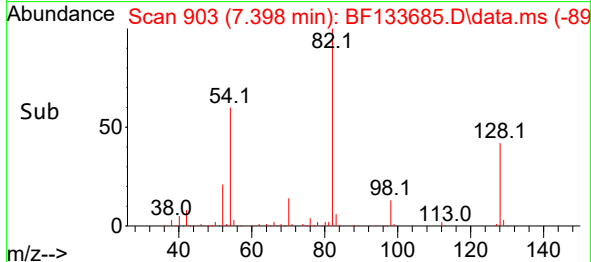
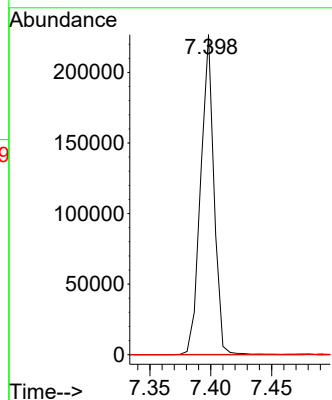
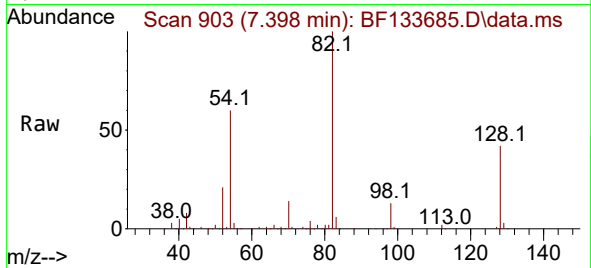




#25
Isophorone
Concen: 22.647 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

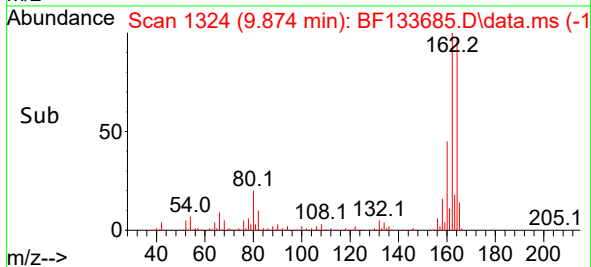
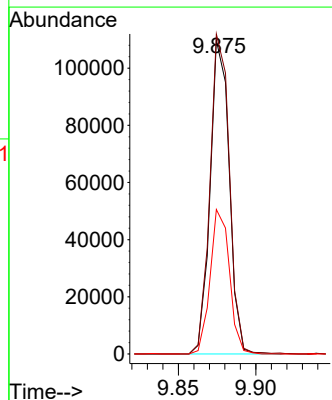
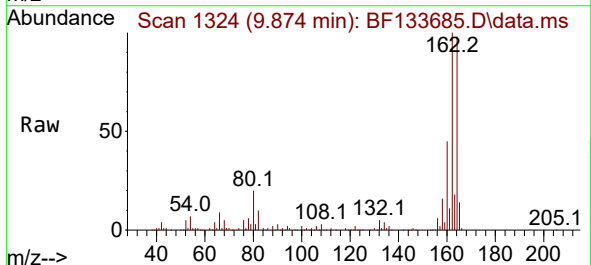
Instrument :
BNA_F
ClientSampleId :
TP-7

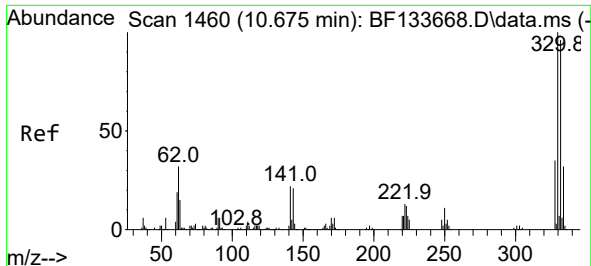
Tgt Ion: 82 Resp: 172445
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Tgt Ion:164 Resp: 93992
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 46.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 54.132 ng

RT: 10.669 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133685.D

Acq: 09 Jun 2023 20:05

Instrument :

BNA_F

ClientSampleId :

TP-7

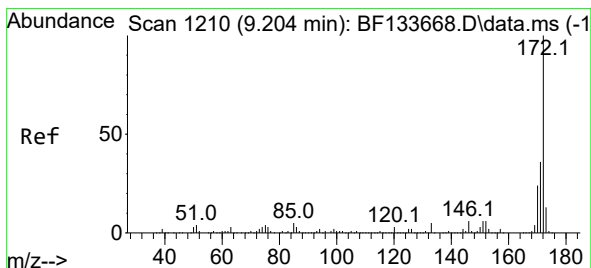
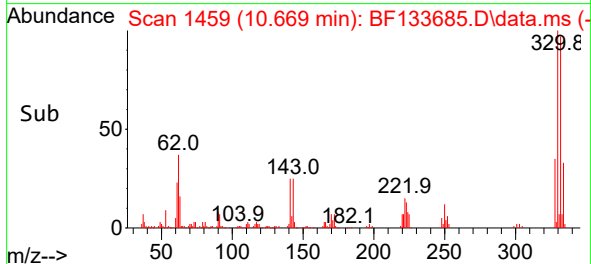
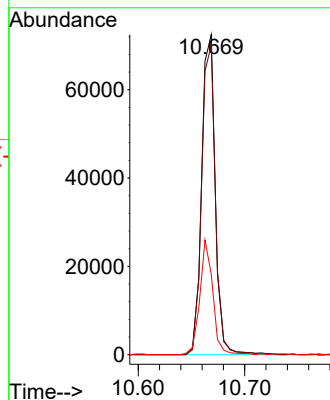
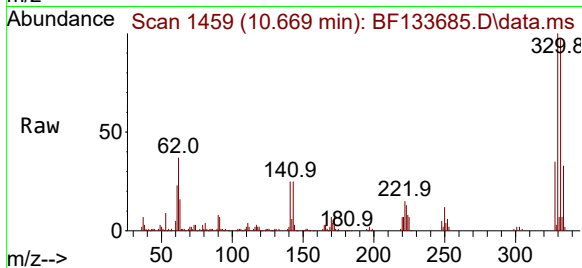
Tgt Ion:330 Resp: 64405

Ion Ratio Lower Upper

330 100

332 98.0 77.2 115.8

141 34.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 43.406 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133685.D

Acq: 09 Jun 2023 20:05

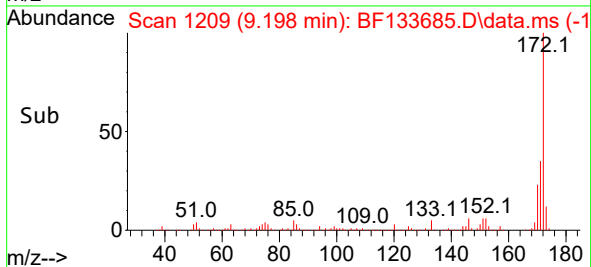
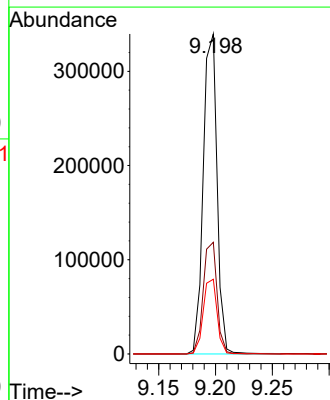
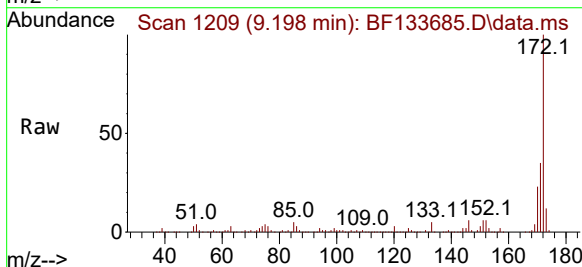
Tgt Ion:172 Resp: 287003

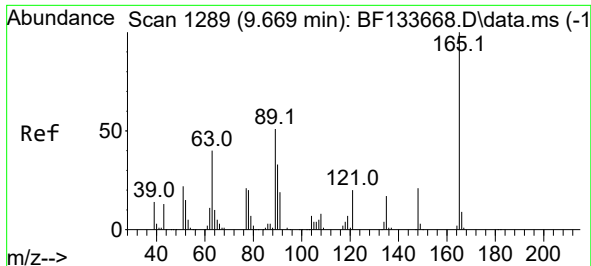
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.3 19.1 28.7

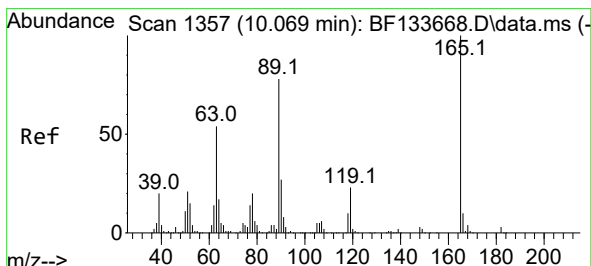
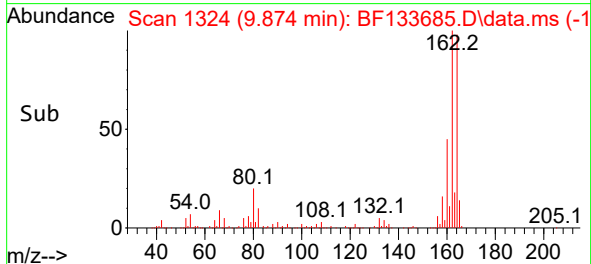
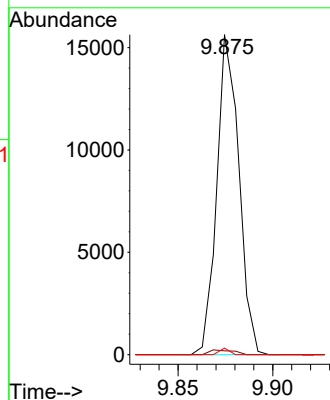
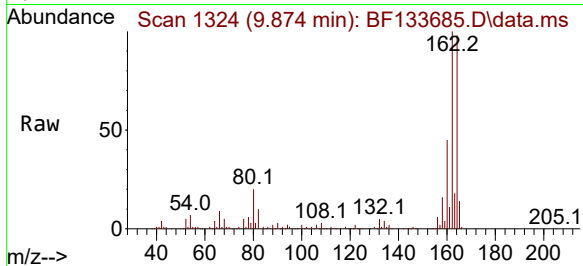




#51
2,6-Dinitrotoluene
Concen: 8.756 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

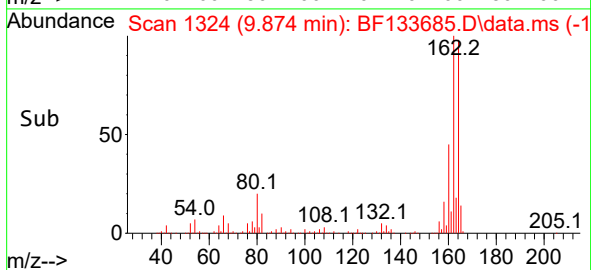
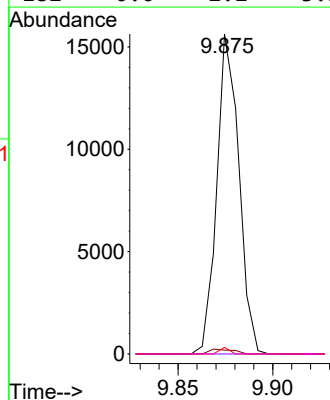
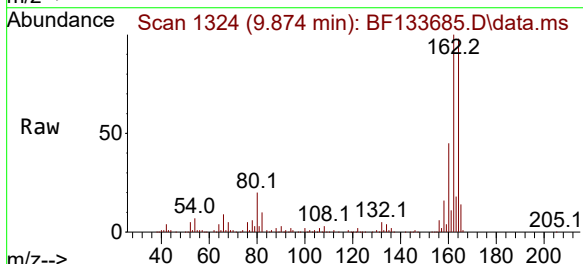
Instrument :
BNA_F
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TP-7

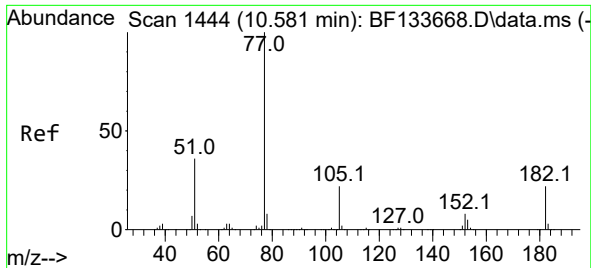
Tgt Ion:165 Resp: 12679
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 2.1 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.195 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Tgt Ion:165 Resp: 12679
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 2.1 62.6 93.8#
182 0.0 2.2 3.2#

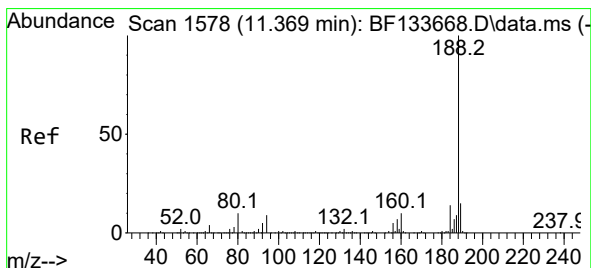
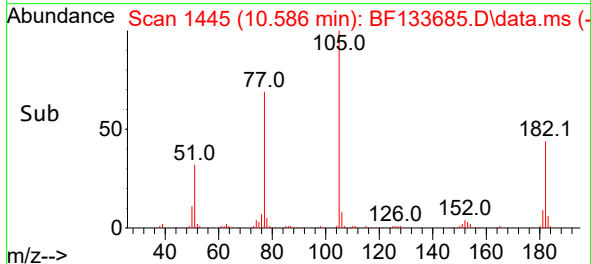
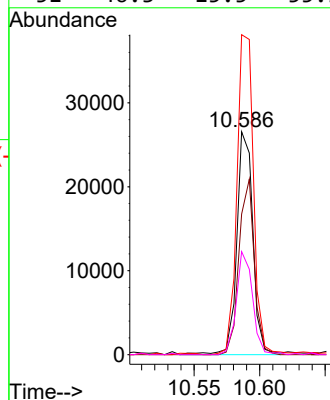
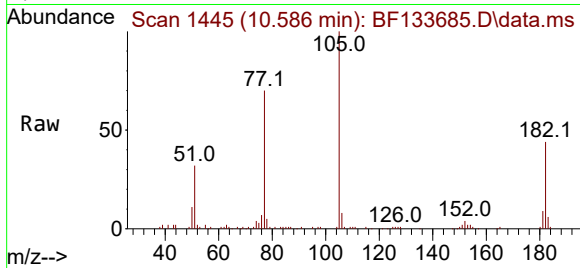




#63
Azobenzene
Concen: 3.352 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.005 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

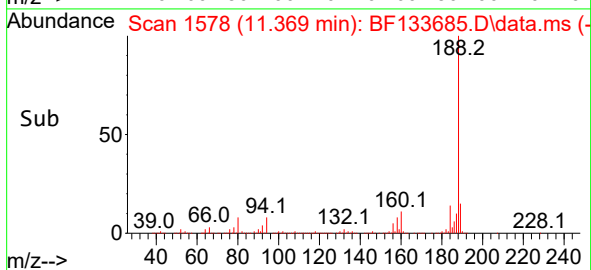
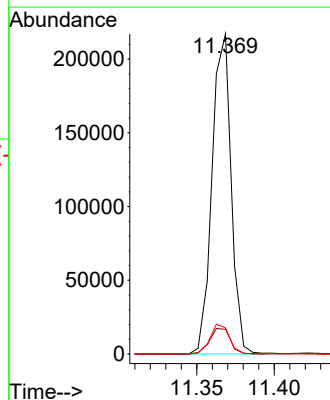
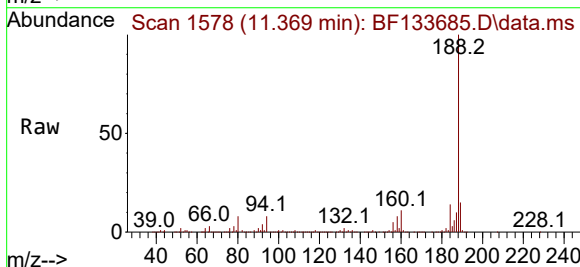
Instrument :
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TP-7

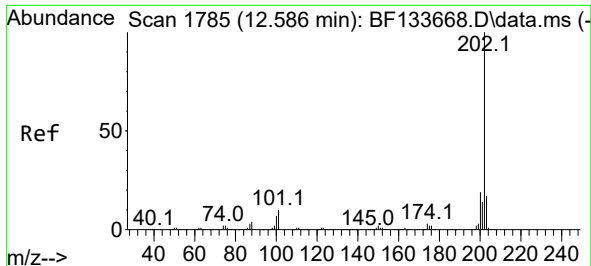
Tgt Ion: 77 Resp: 22656
Ion Ratio Lower Upper
77 100
182 63.1 1.6 41.6#
105 143.6 1.6 41.6#
51 46.3 15.5 55.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Tgt Ion: 188 Resp: 186180
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.2 7.8 11.6

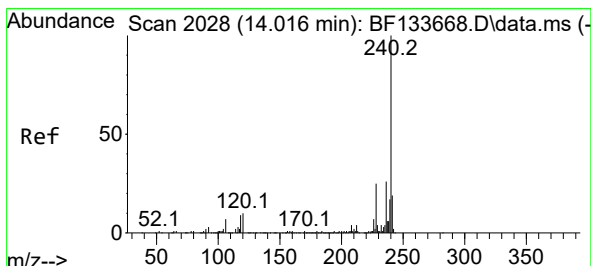
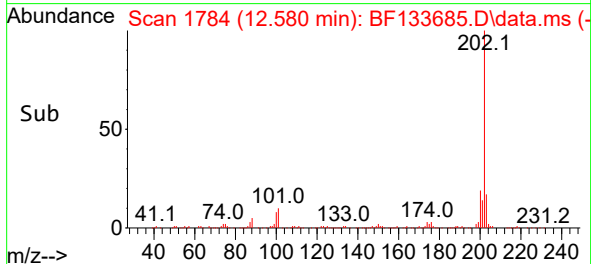
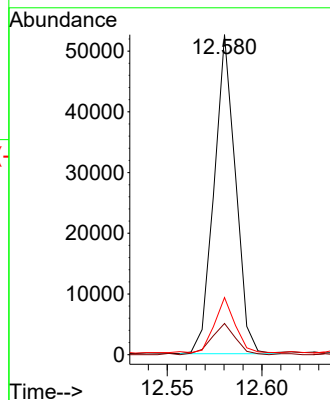
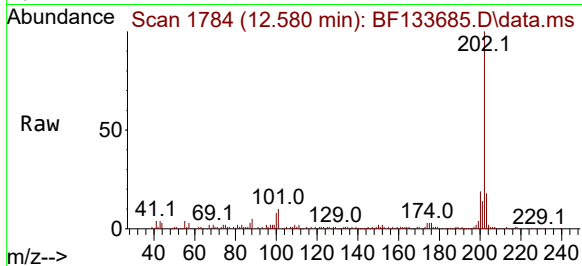




#75
Fluoranthene
Concen: 4.130 ng
RT: 12.580 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

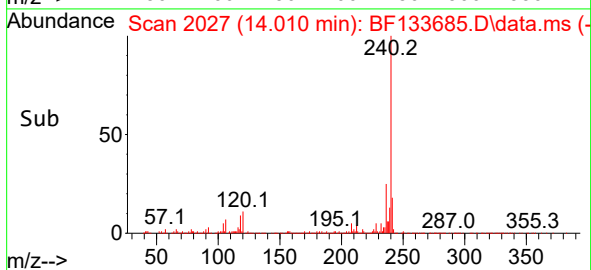
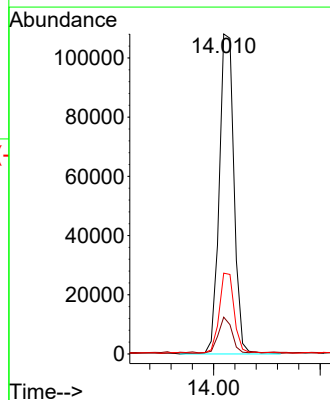
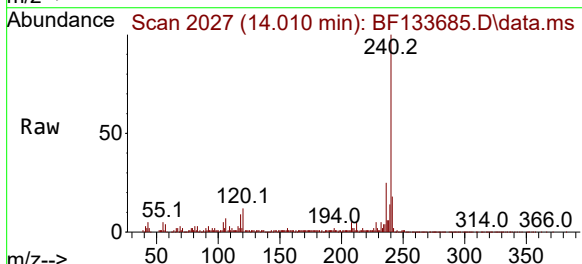
Instrument :
BNA_F
ClientSampleId :
TP-7

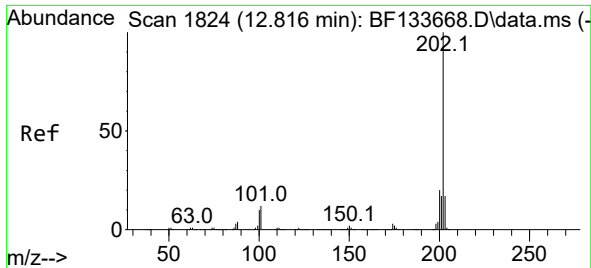
Tgt Ion:202	Resp:	41429
Ion Ratio	Lower	Upper
202	100	
101	9.8	0.0 29.6
203	17.9	0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Tgt Ion:240	Resp:	104127
Ion Ratio	Lower	Upper
240	100	
120	11.5	8.1 12.1
236	25.3	20.5 30.7

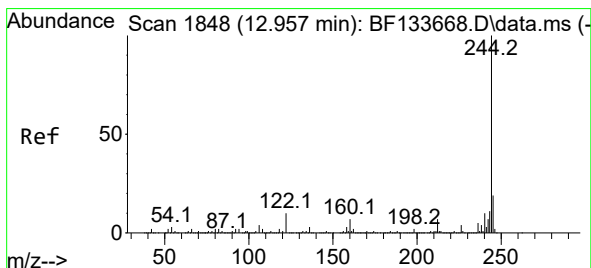
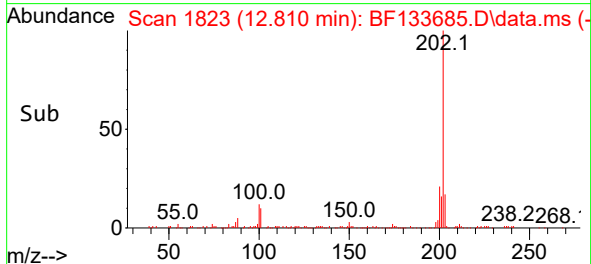
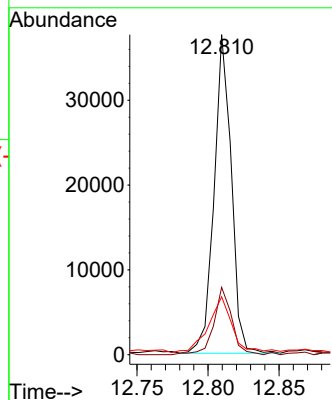
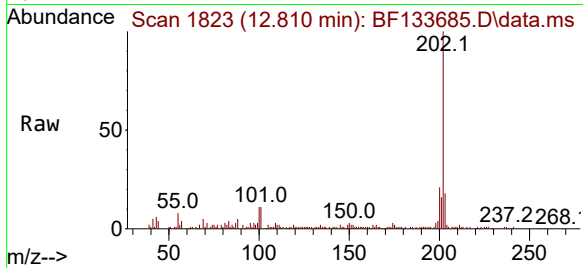




#78
 Pyrene
 Concen: 3.259 ng
 RT: 12.810 min Scan# 1823
 Delta R.T. -0.006 min
 Lab File: BF133685.D
 Acq: 09 Jun 2023 20:05

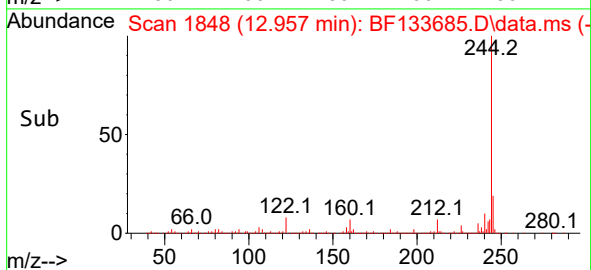
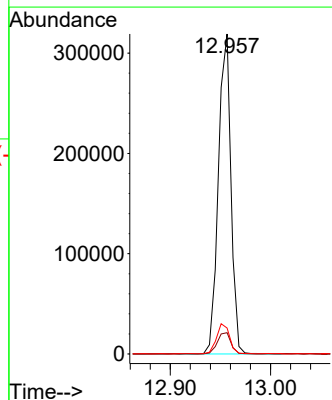
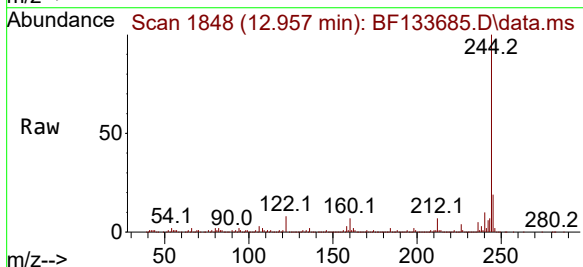
Instrument :
 BNA_F
 ClientSampleId :
 TP-7

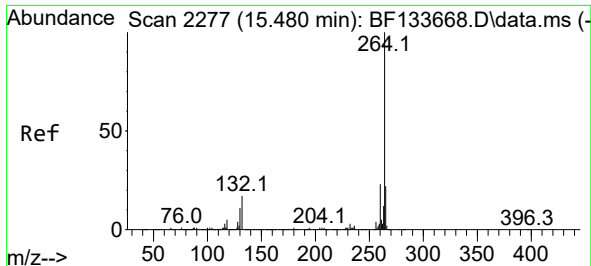
Tgt Ion:	202	Resp:	31608
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.2	24.2
203	18.1	13.9	20.9



#79
 Terphenyl-d14
 Concen: 41.200 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133685.D
 Acq: 09 Jun 2023 20:05

Tgt Ion:	244	Resp:	277253
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.2
122	8.1	8.1	12.1

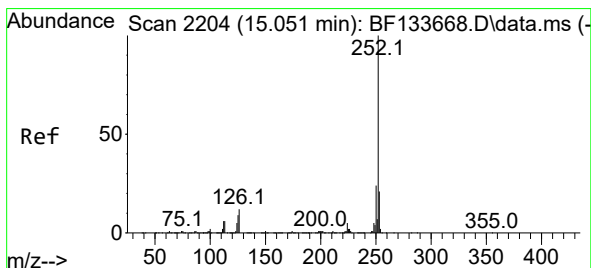
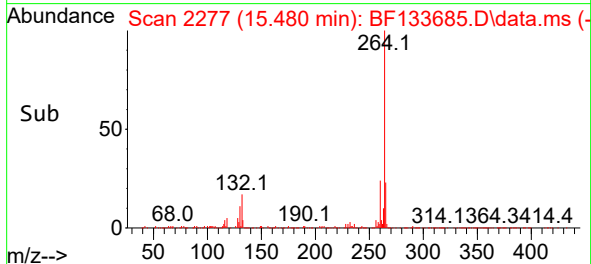
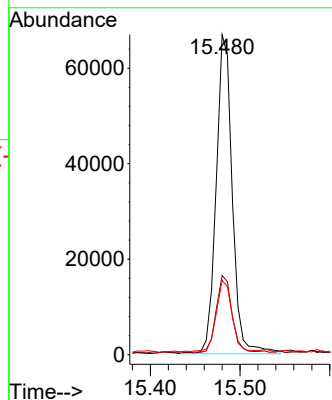
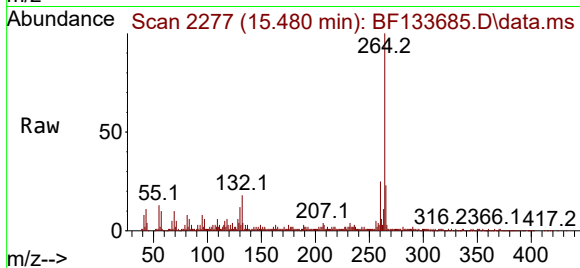




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

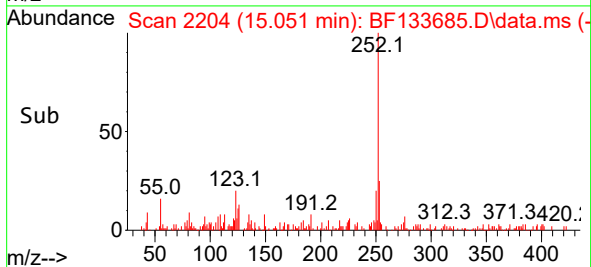
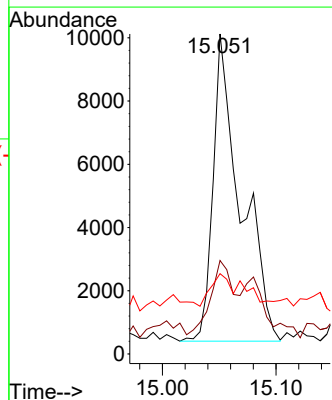
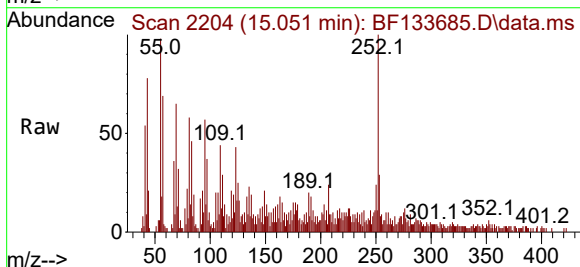
Instrument :
BNA_F
ClientSampleId :
TP-7

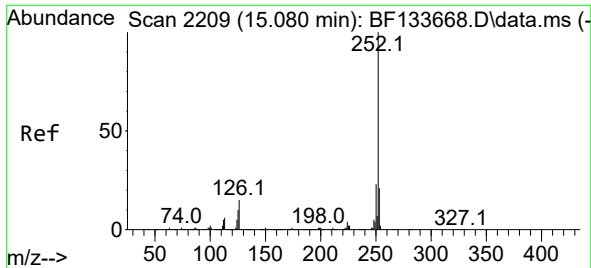
Tgt Ion:264	Resp:	83410
Ion Ratio	Lower	Upper
264	100	
260	24.8	18.2 27.2
265	23.2	17.8 26.6



#88
Benzo(b)fluoranthene
Concen: 3.244 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Tgt Ion:252	Resp:	16438
Ion Ratio	Lower	Upper
252	100	
253	29.2	17.0 25.6#
125	25.1	7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 3.330 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF133685.D

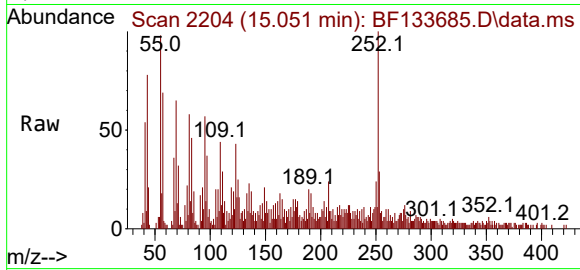
Acq: 09 Jun 2023 20:05

Instrument :

BNA_F

ClientSampleId :

TP-7



Tgt Ion:252 Resp: 16438

Ion Ratio Lower Upper

252 100

253 29.2 17.0 25.4#

125 25.1 7.8 11.6#

