

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133015.D
 Acq On : 25 Apr 2023 01:26
 Operator : CG\JU
 Sample : 02470-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: Apr 25 02:16:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

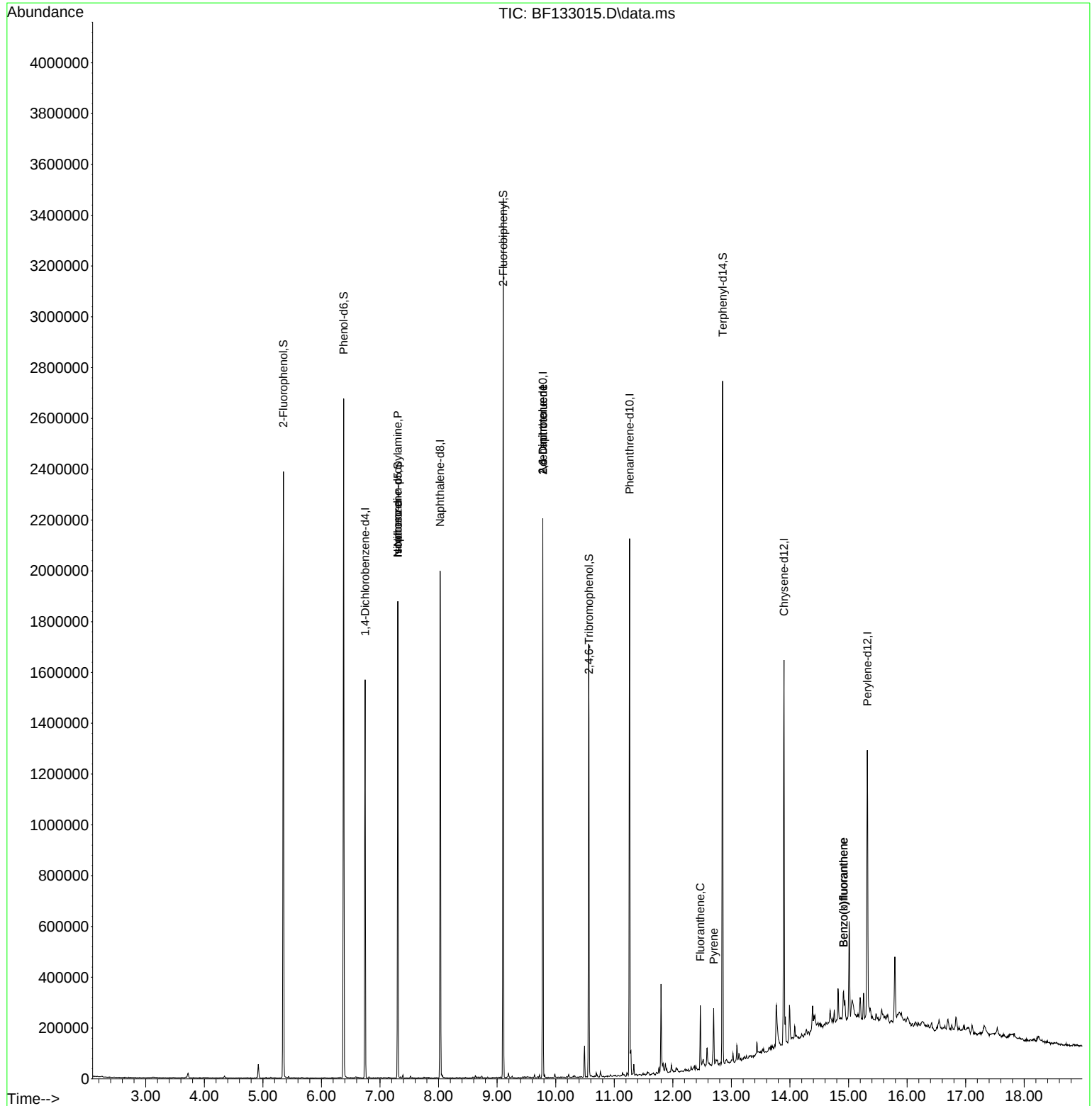
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	199162	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	766804	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	395683	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	682385	20.000	ng	0.00
76) Chrysene-d12	13.898	240	425760	20.000	ng	-0.01
86) Perylene-d12	15.321	264	442075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	626009	47.482	ng	0.00
7) Phenol-d6	6.381	99	784957	47.967	ng	0.00
23) Nitrobenzene-d5	7.304	82	479945	33.784	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	183973	46.232	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	911027	38.519	ng	-0.01
79) Terphenyl-d14	12.851	244	877099	35.529	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.286	77	426	Below Cal		84
19) n-Nitroso-di-n-propyla...	7.304	70	63018	6.186 ng	#	77
25) Isophorone	7.304	82	479935	17.793 ng	#	62
51) 2,6-Dinitrotoluene	9.780	165	50397	8.116 ng	#	25
57) 2,4-Dinitrotoluene	9.780	165	50397	6.364 ng	#	24
75) Fluoranthene	12.468	202	87086	2.366 ng		99
78) Pyrene	12.698	202	82768	2.268 ng		98
88) Benzo(b)fluoranthene	14.915	252	80288	2.855 ng	#	89
89) Benzo(k)fluoranthene	14.915	252	80288	2.880 ng	#	89

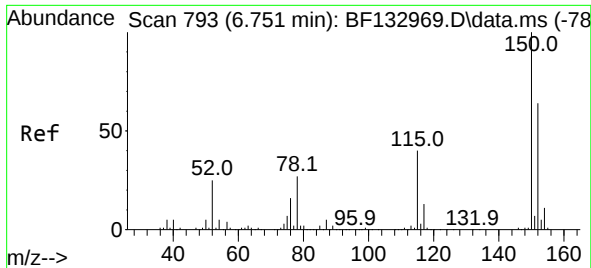
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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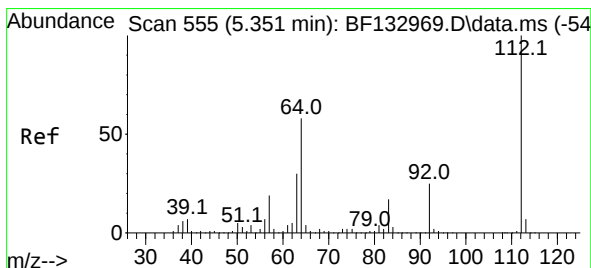
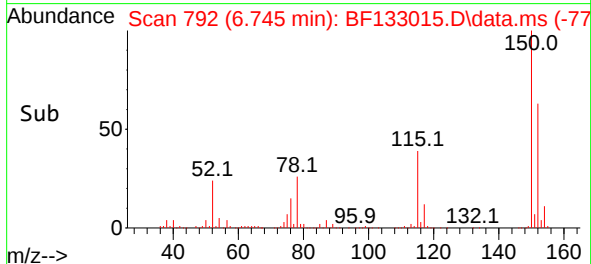
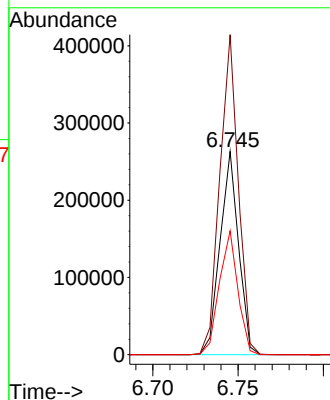
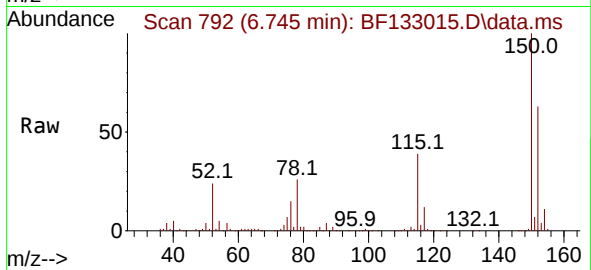




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133015.D
Acq: 25 Apr 2023 01:26

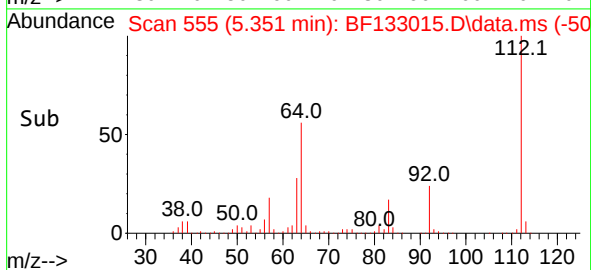
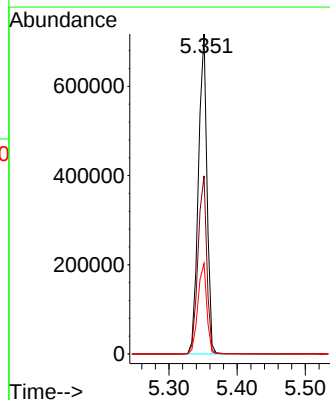
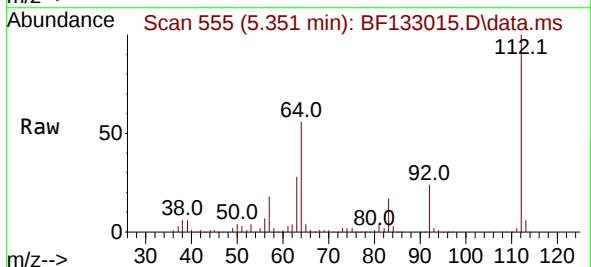
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

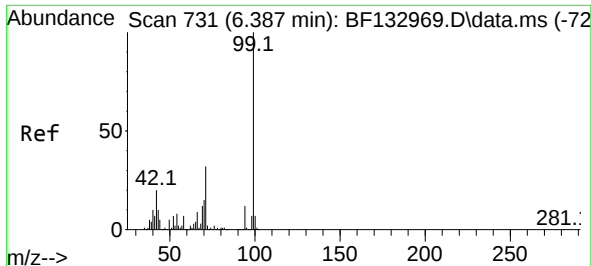
Tgt Ion:152 Resp: 199162
Ion Ratio Lower Upper
152 100
150 157.5 124.8 187.2
115 61.0 49.9 74.9



#5
2-Fluorophenol
Concen: 47.482 ng
RT: 5.351 min Scan# 555
Delta R.T. -0.000 min
Lab File: BF133015.D
Acq: 25 Apr 2023 01:26

Tgt Ion:112 Resp: 626009
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 28.3 23.8 35.8

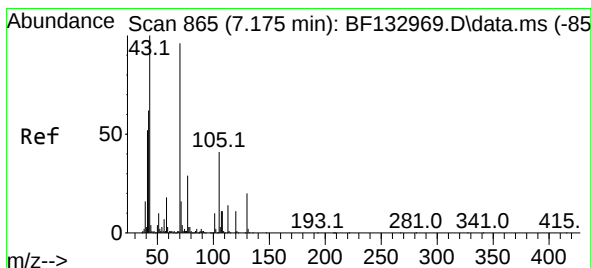
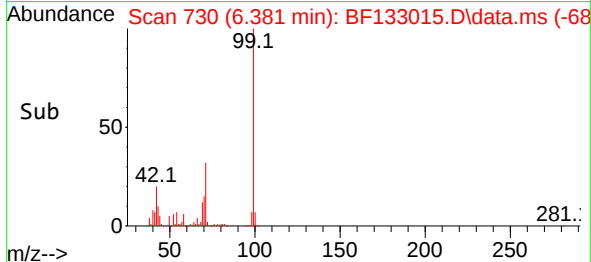
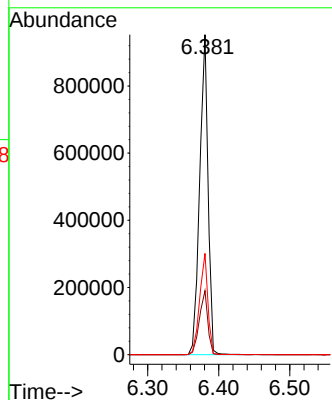
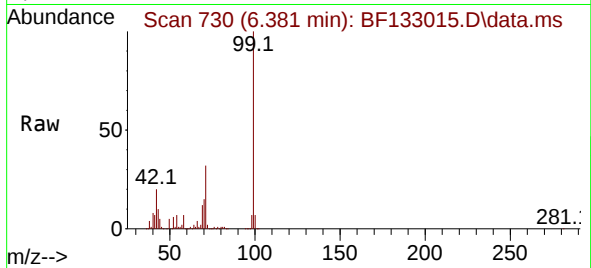




#7
Phenol-d6
Concen: 47.967 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133015.D
Acq: 25 Apr 2023 01:26

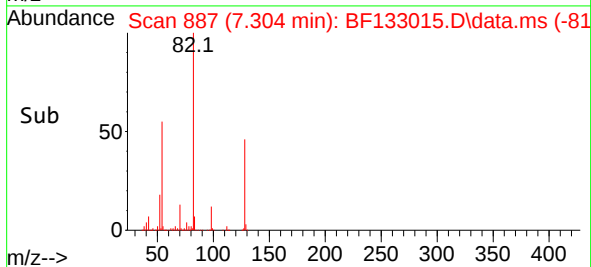
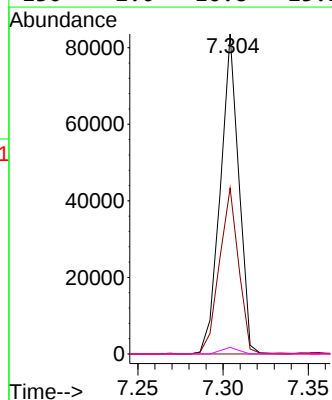
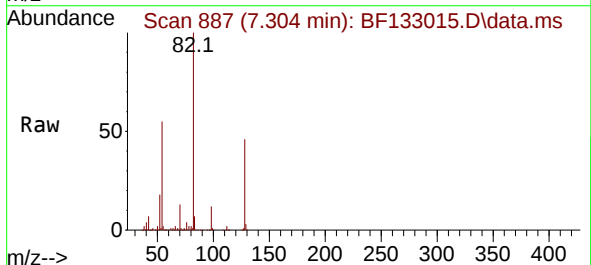
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

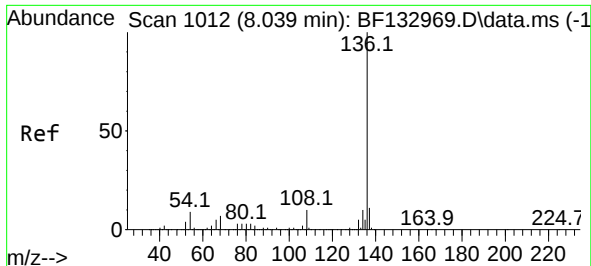
Tgt Ion: 99 Resp: 784957
Ion Ratio Lower Upper
99 100
42 20.0 16.3 24.5
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.186 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.129 min
Lab File: BF133015.D
Acq: 25 Apr 2023 01:26

Tgt Ion: 70 Resp: 63018
Ion Ratio Lower Upper
70 100
42 51.9 51.8 77.6
101 0.0 8.0 12.0#
130 2.0 16.8 25.2#





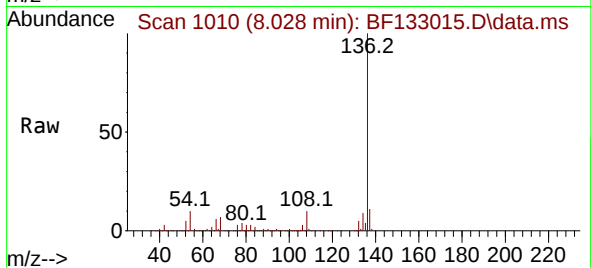
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133015.D
Acq: 25 Apr 2023 01:26

Instrument :

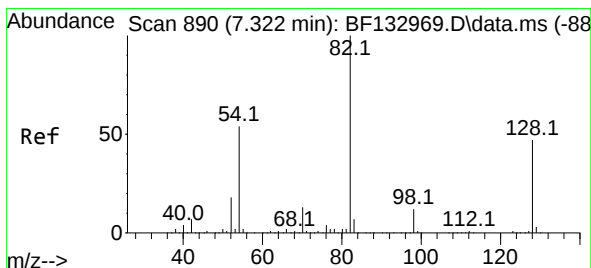
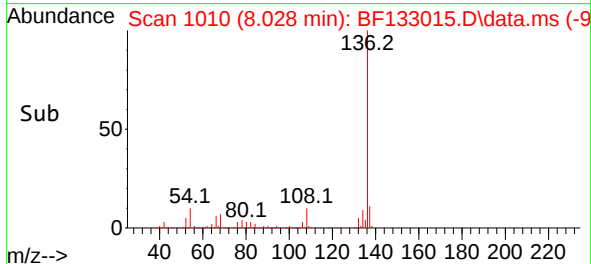
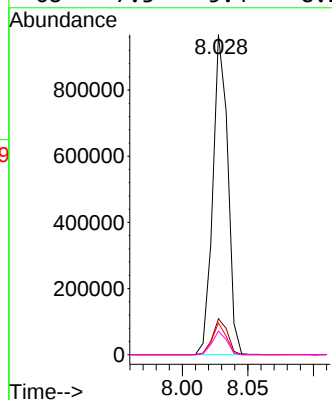
BNA_F

ClientSampleId :

SB-08-COMP

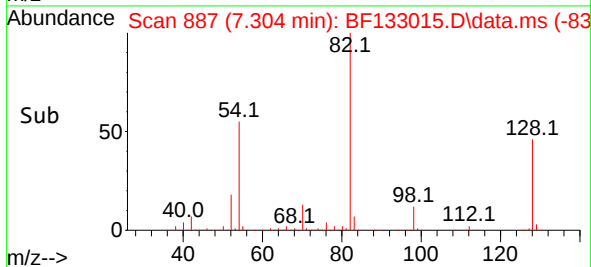
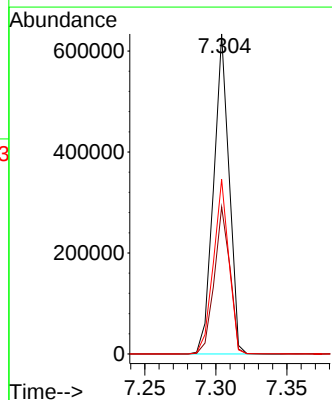
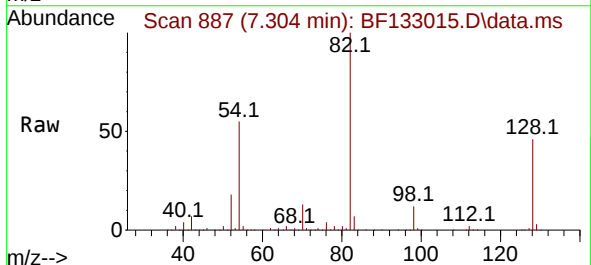


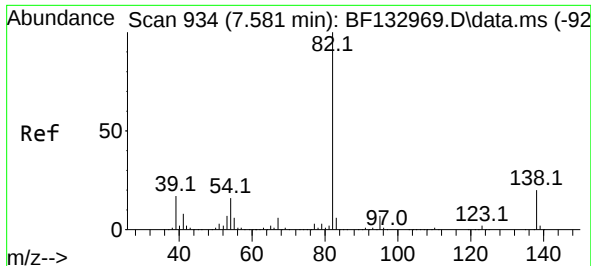
Tgt Ion:136 Resp: 766804
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.9 7.0 10.4
68 7.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 33.784 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.018 min
Lab File: BF133015.D
Acq: 25 Apr 2023 01:26

Tgt Ion: 82 Resp: 479945
Ion Ratio Lower Upper
82 100
128 46.0 37.7 56.5
54 54.6 43.0 64.4

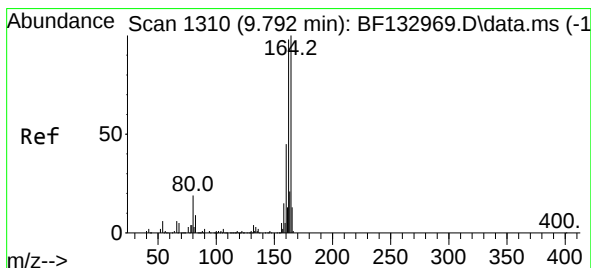
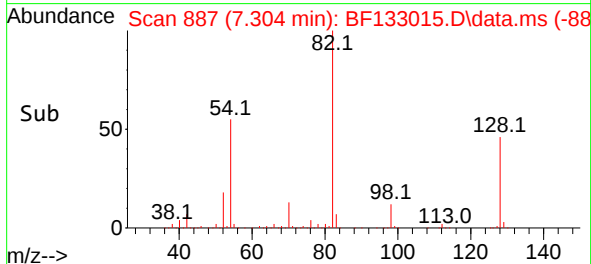
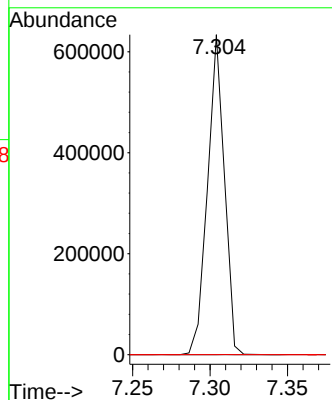
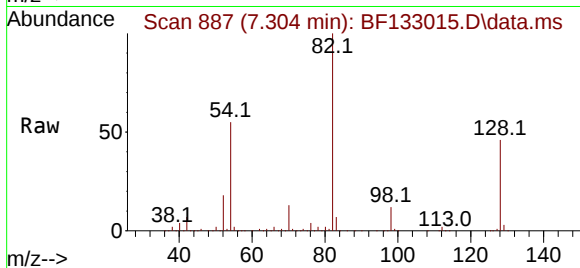




#25
Isophorone
Concen: 17.793 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF133015.D
Acq: 25 Apr 2023 01:26

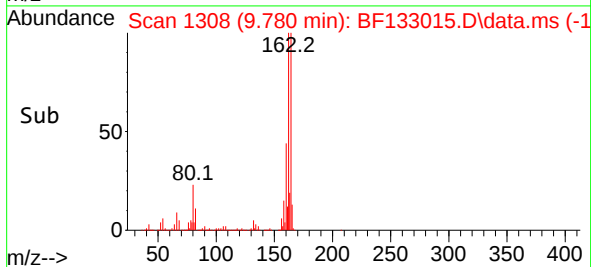
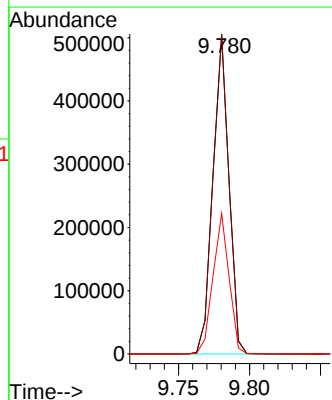
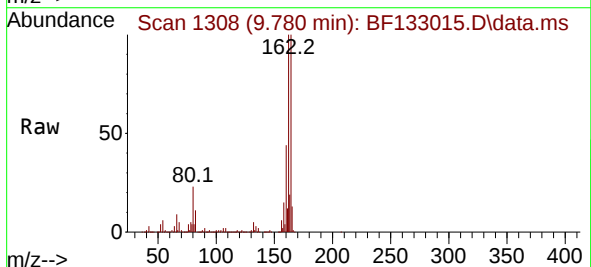
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

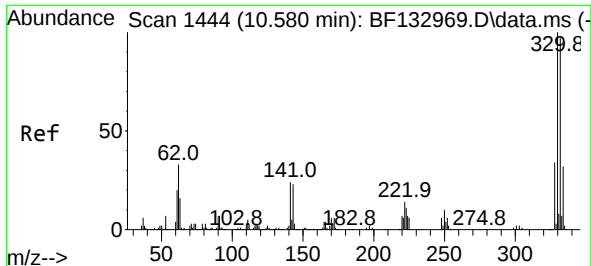
Tgt Ion: 82 Resp: 479935
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF133015.D
Acq: 25 Apr 2023 01:26

Tgt Ion:164 Resp: 395683
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 46.232 ng

RT: 10.569 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF133015.D

Acq: 25 Apr 2023 01:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

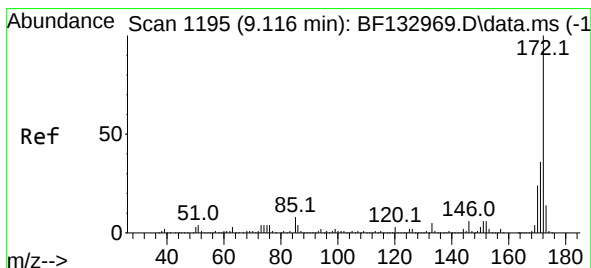
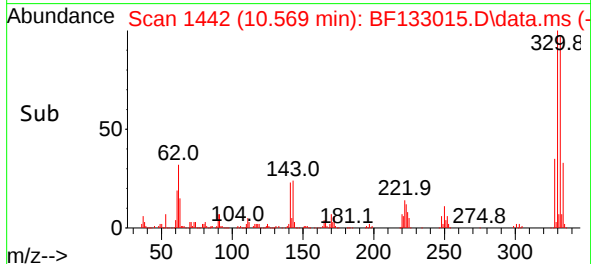
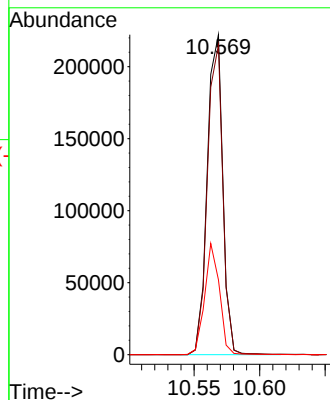
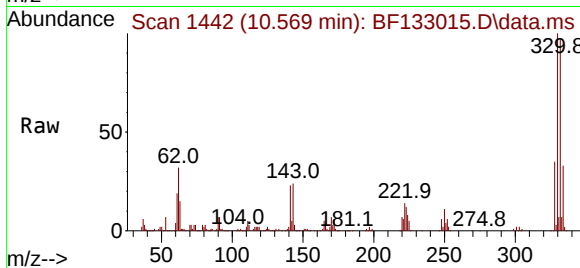
Tgt Ion:330 Resp: 183973

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 33.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 38.519 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.012 min

Lab File: BF133015.D

Acq: 25 Apr 2023 01:26

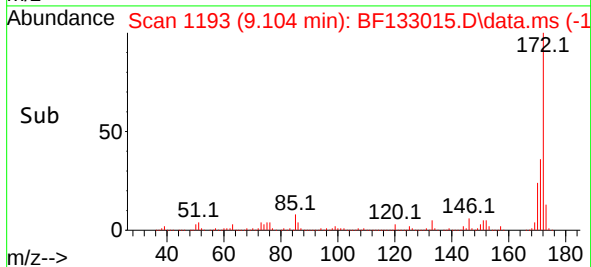
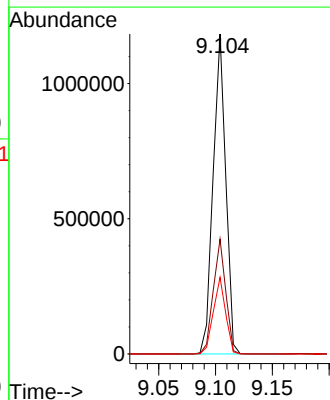
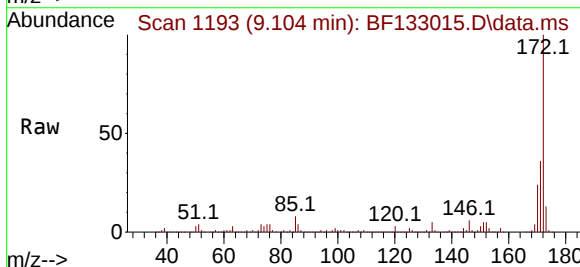
Tgt Ion:172 Resp: 911027

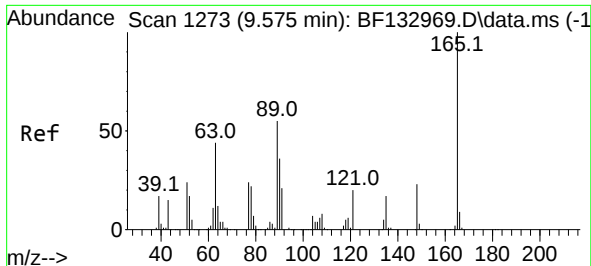
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.0 19.4 29.2

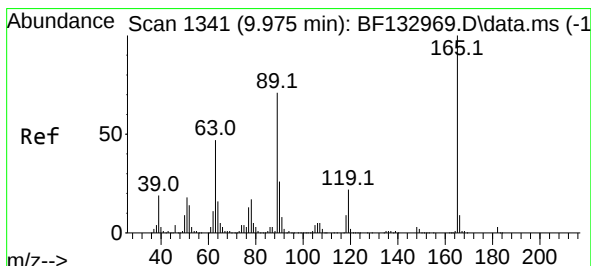
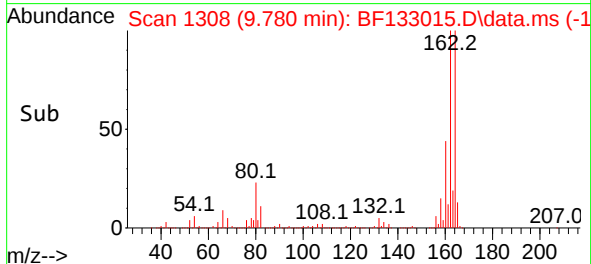
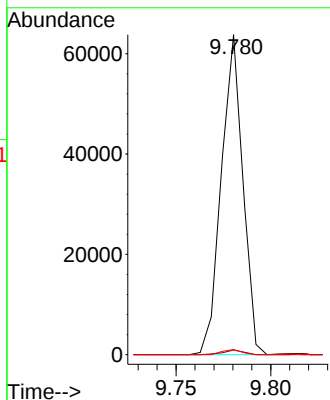
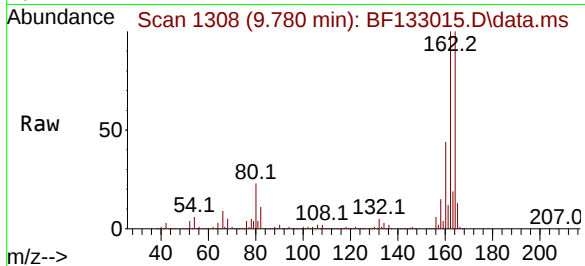




#51
2,6-Dinitrotoluene
Concen: 8.116 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133015.D
Acq: 25 Apr 2023 01:26

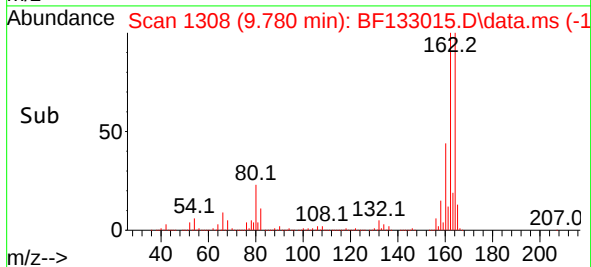
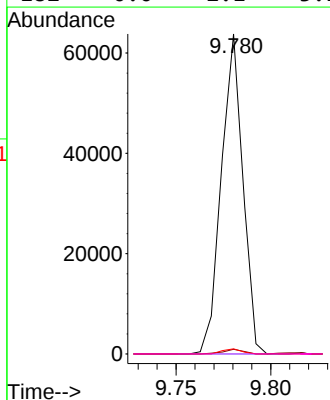
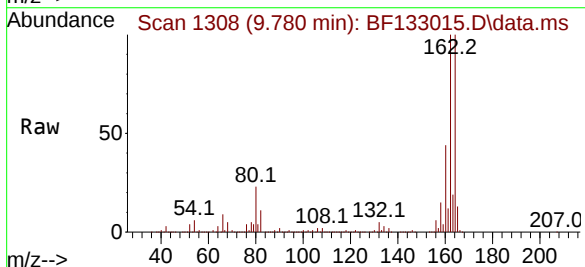
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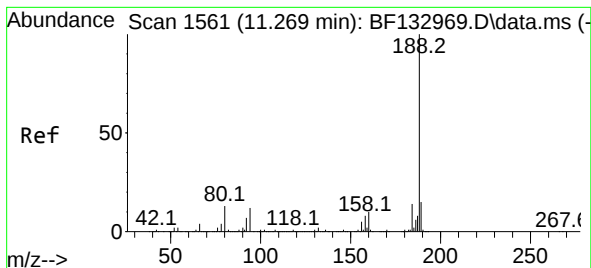
Tgt Ion:165 Resp: 50397
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.6 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.364 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF133015.D
Acq: 25 Apr 2023 01:26

Tgt Ion:165 Resp: 50397
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 1.6 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133015.D

Acq: 25 Apr 2023 01:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

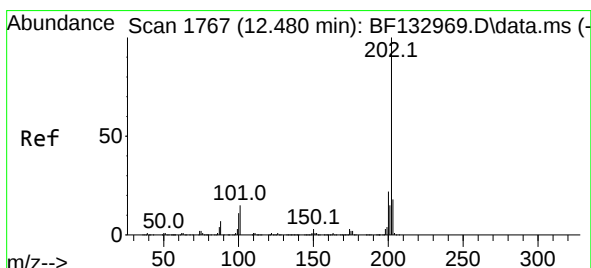
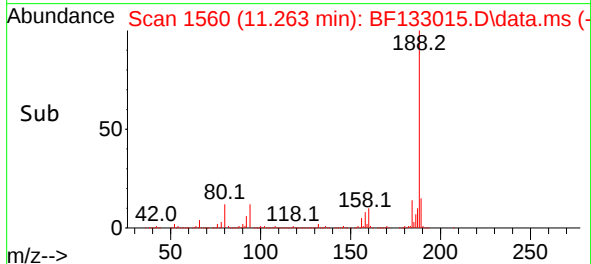
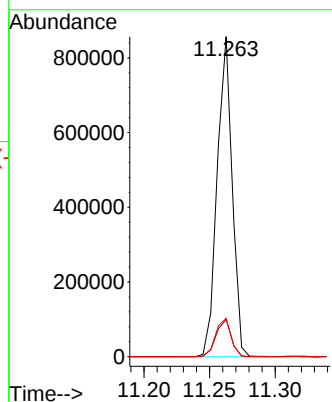
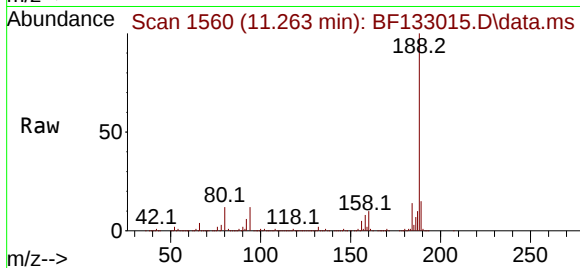
Tgt Ion:188 Resp: 682385

Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

80 12.0 10.4 15.6



#75

Fluoranthene

Concen: 2.366 ng

RT: 12.468 min Scan# 1765

Delta R.T. -0.012 min

Lab File: BF133015.D

Acq: 25 Apr 2023 01:26

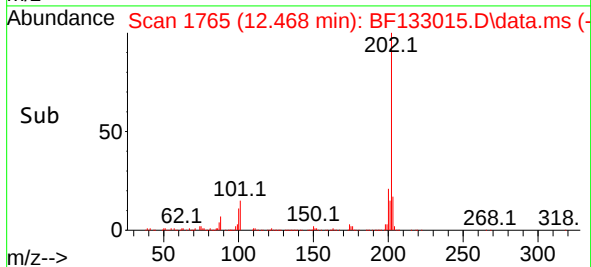
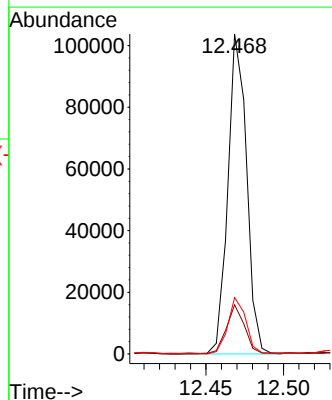
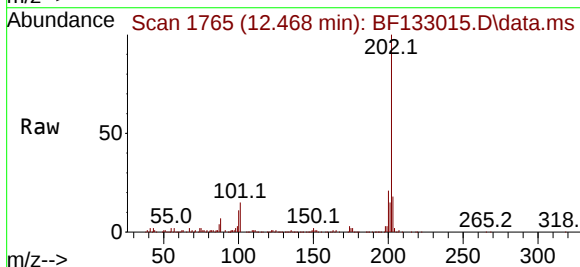
Tgt Ion:202 Resp: 87086

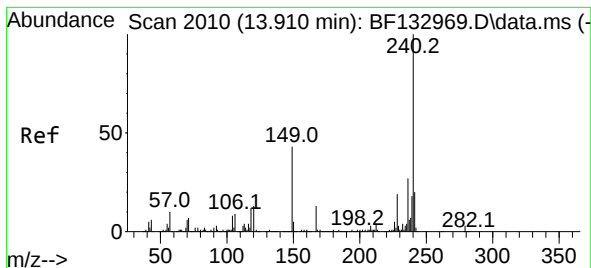
Ion Ratio Lower Upper

202 100

101 15.4 0.0 35.3

203 17.6 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF133015.D

Acq: 25 Apr 2023 01:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

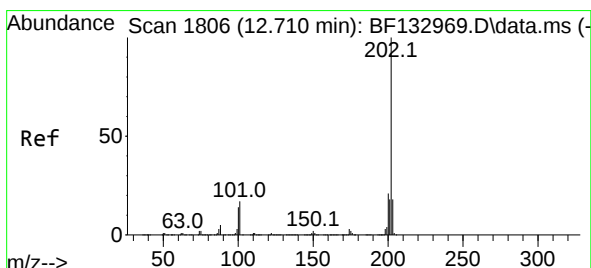
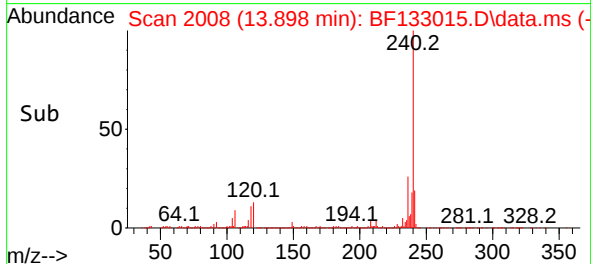
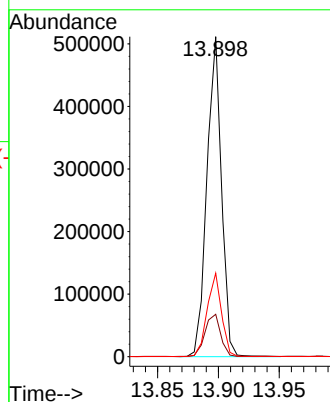
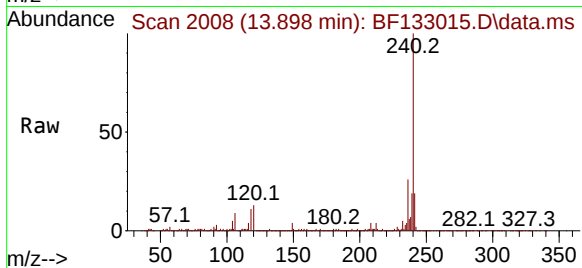
Tgt Ion:240 Resp: 425760

Ion Ratio Lower Upper

240 100

120 13.3 10.5 15.7

236 26.1 21.5 32.3



#78

Pyrene

Concen: 2.268 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.012 min

Lab File: BF133015.D

Acq: 25 Apr 2023 01:26

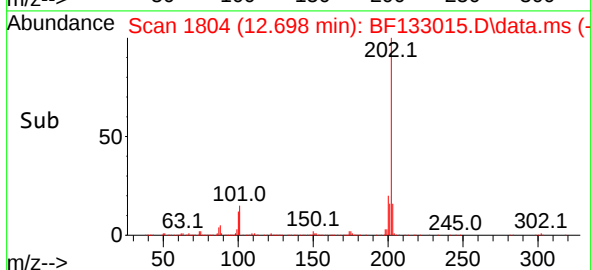
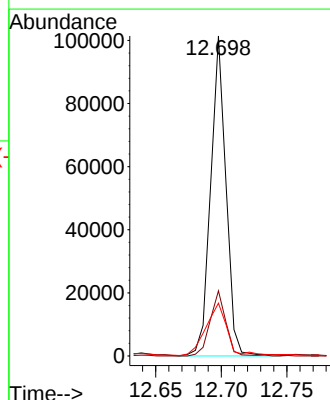
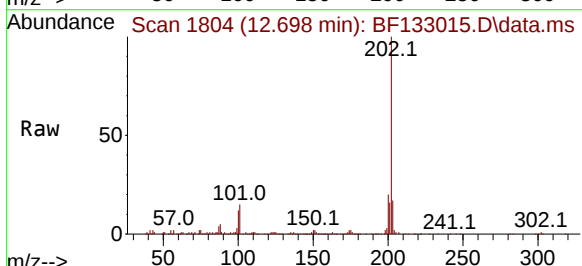
Tgt Ion:202 Resp: 82768

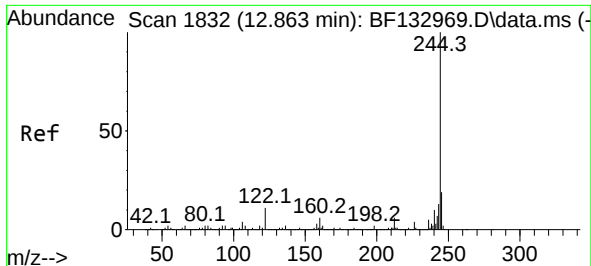
Ion Ratio Lower Upper

202 100

200 20.3 17.1 25.7

203 16.5 14.1 21.1

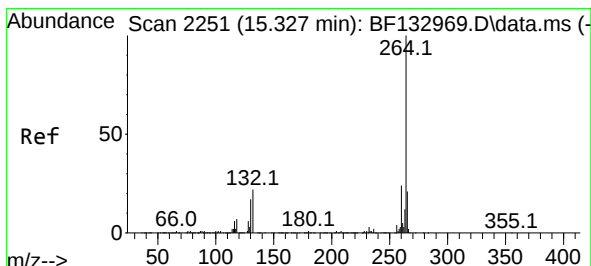
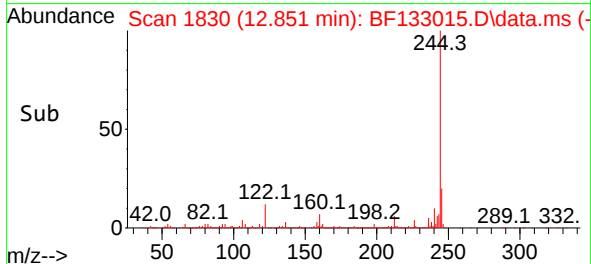
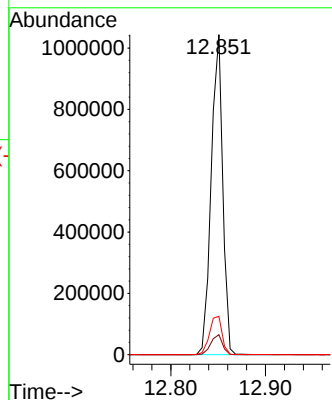
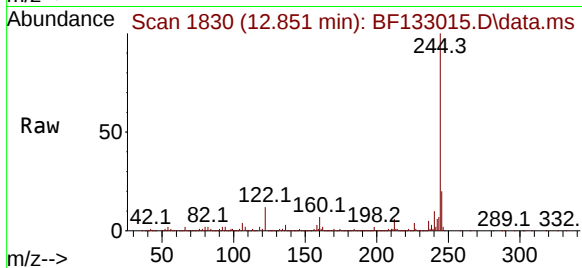




#79
 Terphenyl-d14
 Concen: 35.529 ng
 RT: 12.851 min Scan# 1830
 Delta R.T. -0.012 min
 Lab File: BF133015.D
 Acq: 25 Apr 2023 01:26

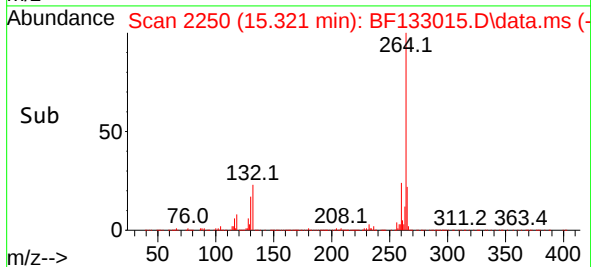
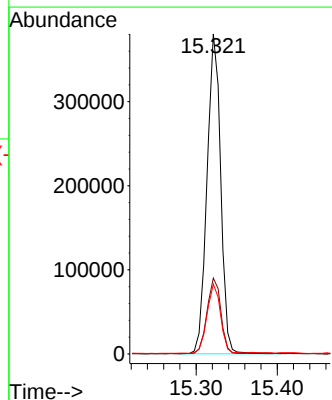
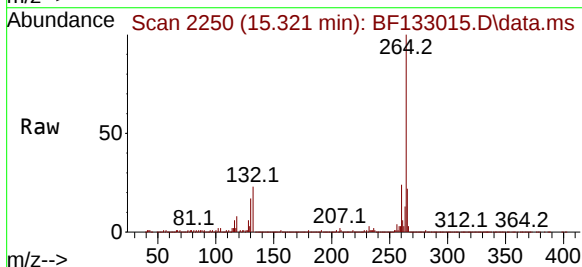
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

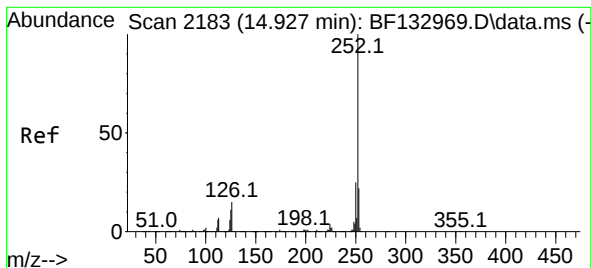
Tgt Ion:244 Resp: 877099
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 12.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. -0.006 min
 Lab File: BF133015.D
 Acq: 25 Apr 2023 01:26

Tgt Ion:264 Resp: 442075
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.8 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.855 ng

RT: 14.915 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BF133015.D

Acq: 25 Apr 2023 01:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

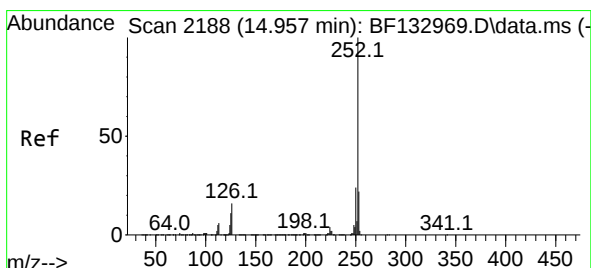
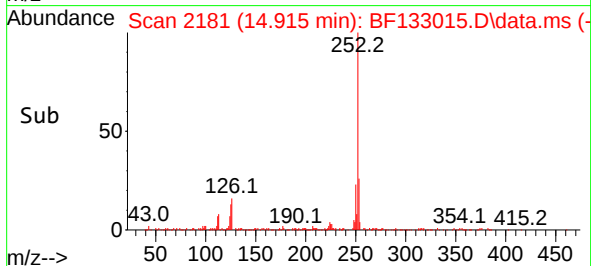
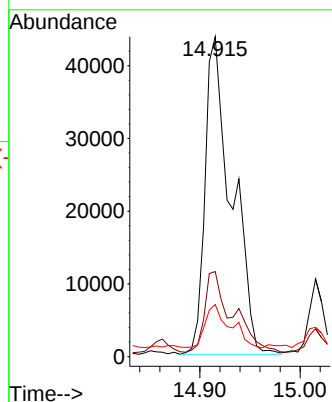
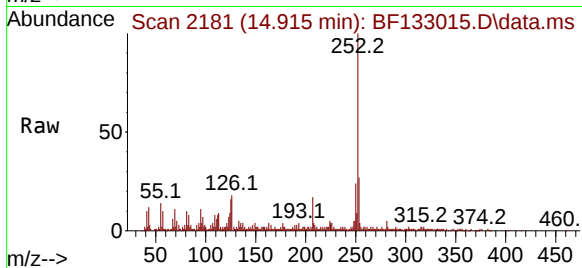
Tgt Ion:252 Resp: 80288

Ion Ratio Lower Upper

252 100

253 26.6 17.6 26.4#

125 16.3 8.9 13.3#



#89

Benzo(k)fluoranthene

Concen: 2.880 ng

RT: 14.915 min Scan# 2181

Delta R.T. -0.041 min

Lab File: BF133015.D

Acq: 25 Apr 2023 01:26

Tgt Ion:252 Resp: 80288

Ion Ratio Lower Upper

252 100

253 26.6 17.7 26.5#

125 16.3 9.0 13.4#

