

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128011.D
 Acq On : 29 Apr 2022 22:58
 Operator : CG\JU
 Sample : N2605-05 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-042822

Quant Time: May 02 00:59:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

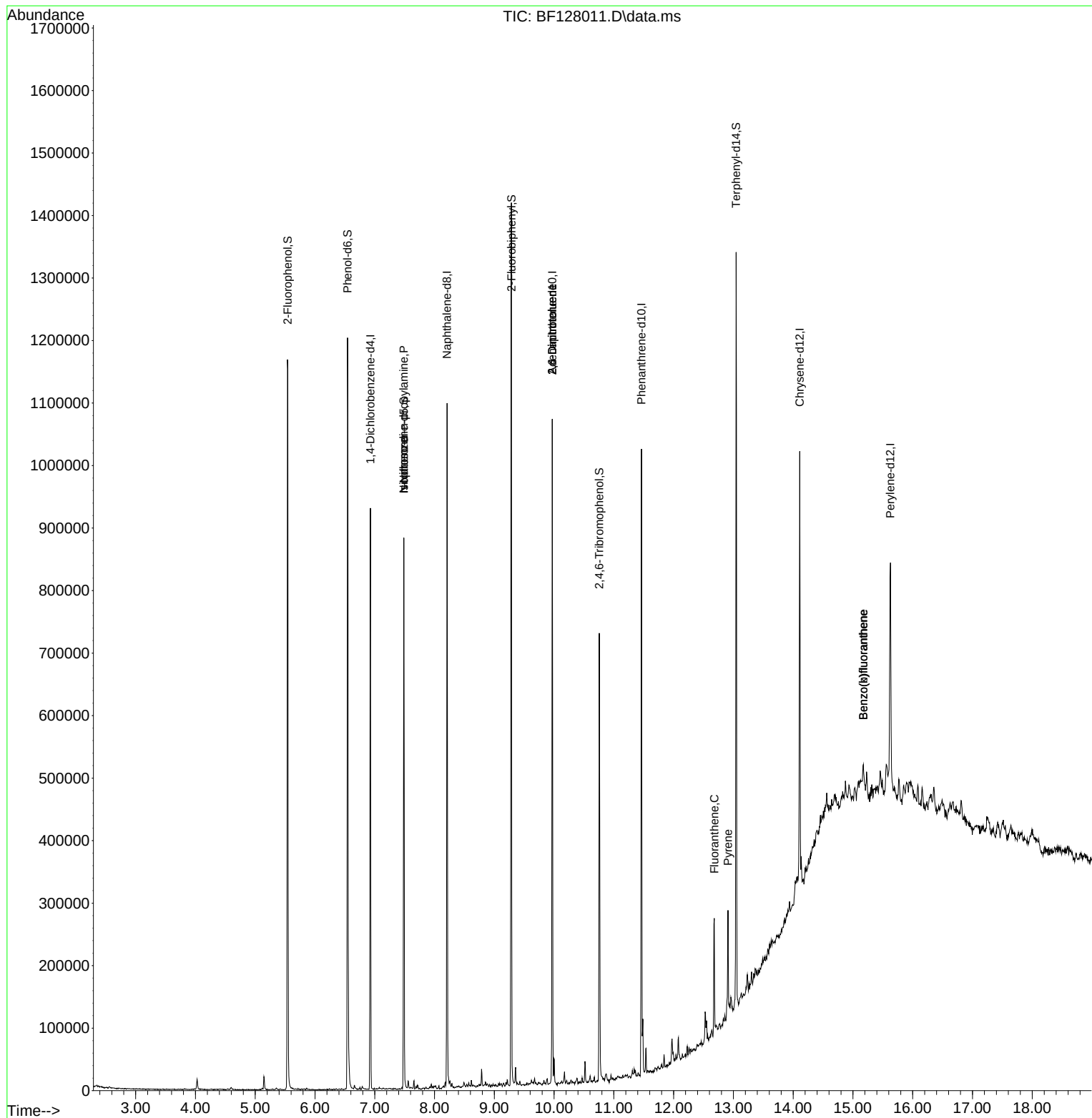
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	118533	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	400874	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	195735	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	329856	20.000	ng	0.00
76) Chrysene-d12	14.110	240	218462	20.000	ng	0.00
86) Perylene-d12	15.627	264	155010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	309066	41.531	ng	0.00
7) Phenol-d6	6.545	99	387083	40.086	ng	-0.02
23) Nitrobenzene-d5	7.487	82	258821	30.361	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	78067	39.620	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	413996	35.782	ng	0.00
79) Terphenyl-d14	13.045	244	394921	33.056	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	34791	5.886	ng	# 78
25) Isophorone	7.487	82	258867	18.042	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	25659	9.028	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	25659	6.816	ng	# 26
75) Fluoranthene	12.680	202	75350	4.146	ng	98
78) Pyrene	12.910	202	61746	3.501	ng	100
88) Benzo(b)fluoranthene	15.174	252	26488	2.721	ng	# 68
89) Benzo(k)fluoranthene	15.174	252	26453	2.697	ng	# 66

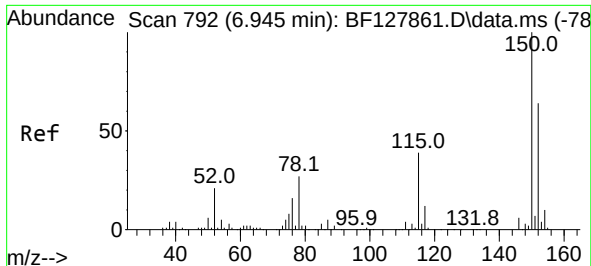
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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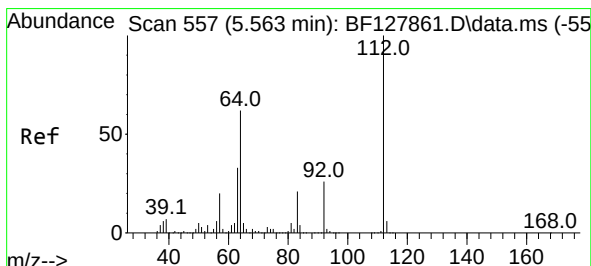
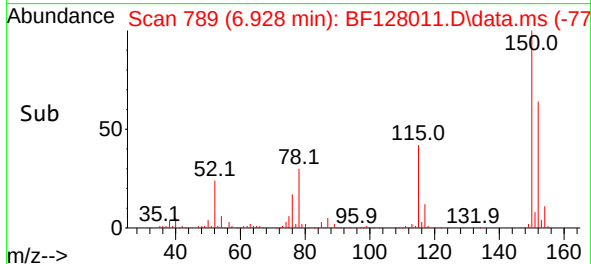
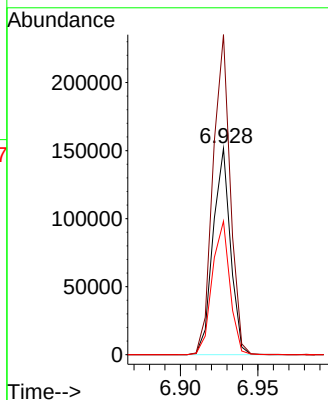
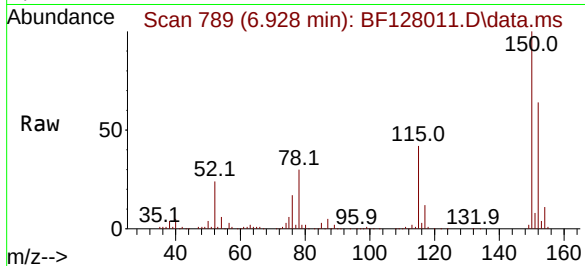




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF128011.D
 Acq: 29 Apr 2022 22:58

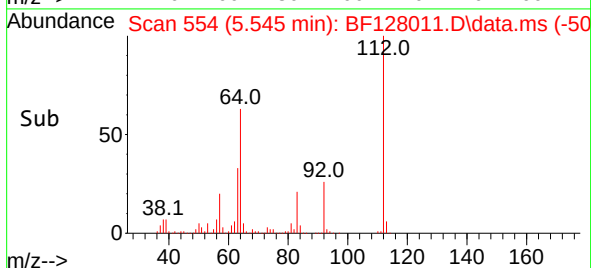
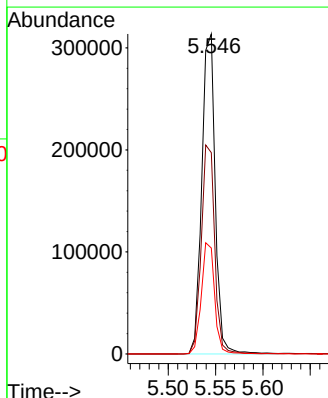
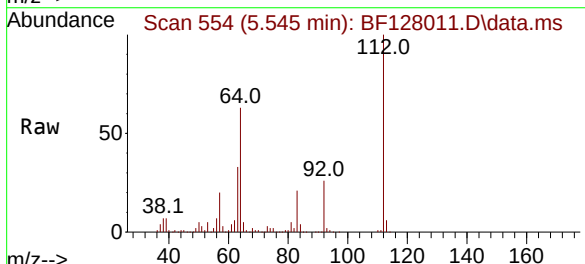
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-042822

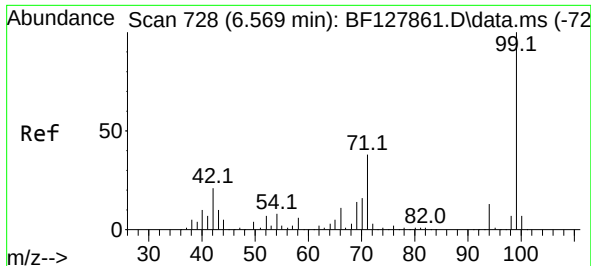
Tgt Ion:152 Resp: 118533
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.3 187.9
 115 64.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 41.531 ng
 RT: 5.545 min Scan# 554
 Delta R.T. -0.006 min
 Lab File: BF128011.D
 Acq: 29 Apr 2022 22:58

Tgt Ion:112 Resp: 309066
 Ion Ratio Lower Upper
 112 100
 64 62.9 49.5 74.3
 63 33.1 26.3 39.5

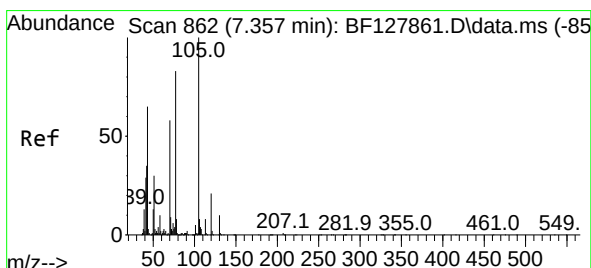
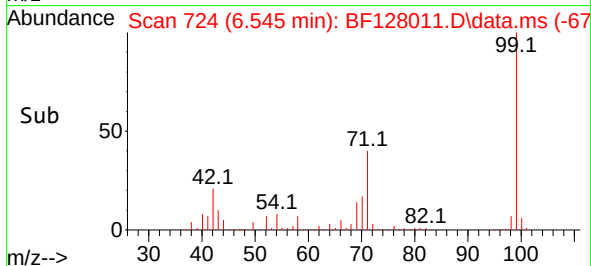
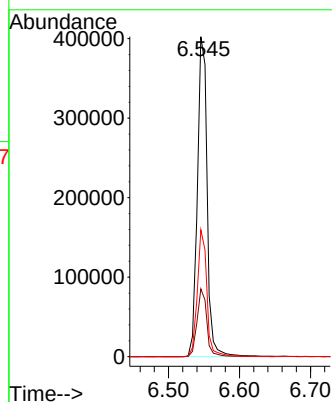
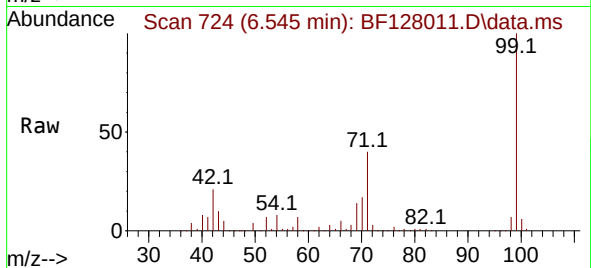




#7
Phenol-d6
Concen: 40.086 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

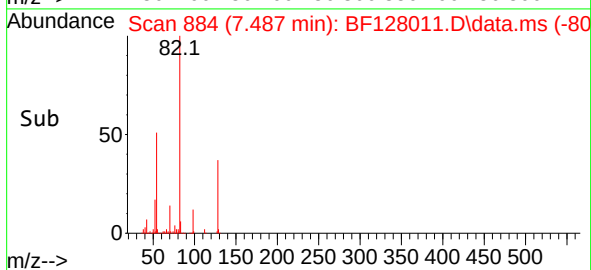
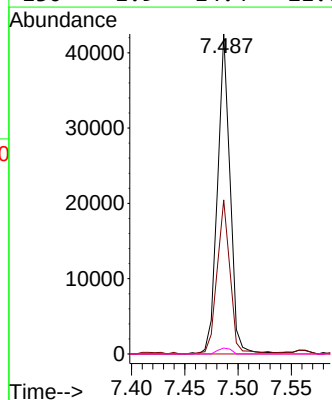
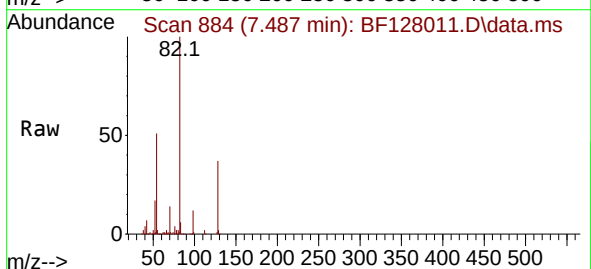
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

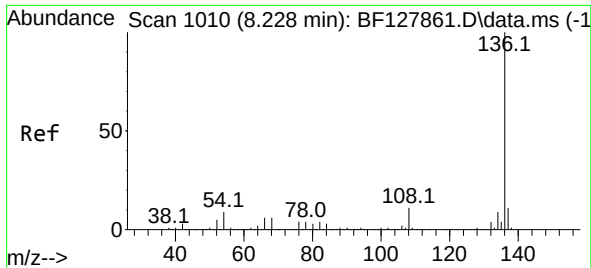
Tgt Ion: 99 Resp: 387083
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 5.886 ng
RT: 7.487 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Tgt Ion: 70 Resp: 34791
Ion Ratio Lower Upper
70 100
42 48.1 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

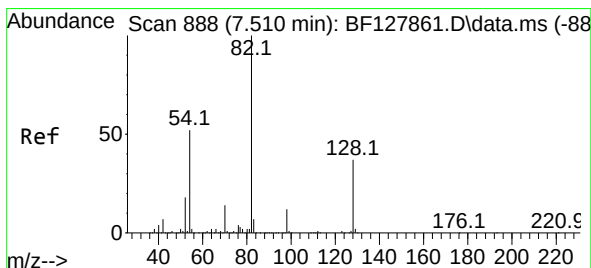
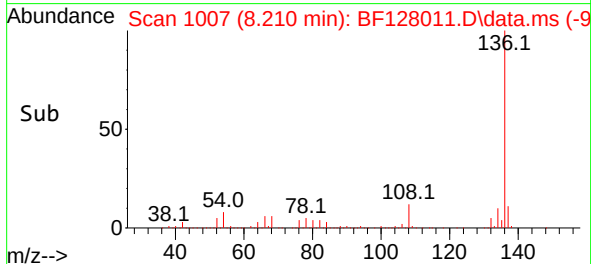
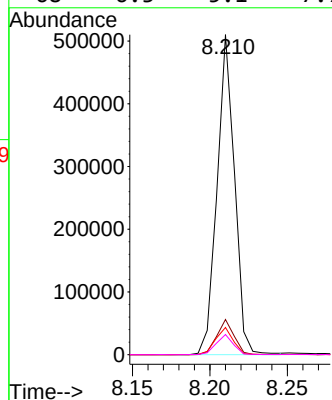
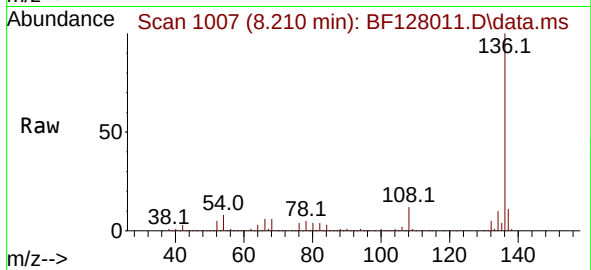




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

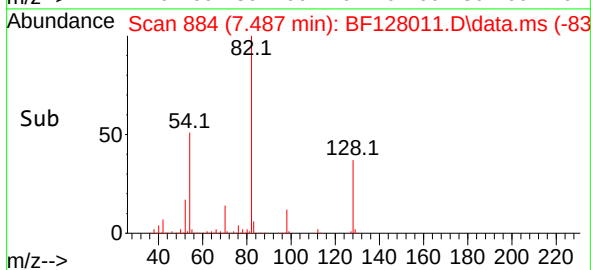
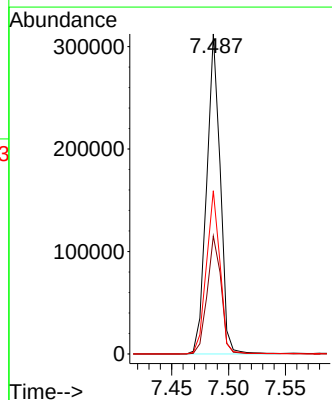
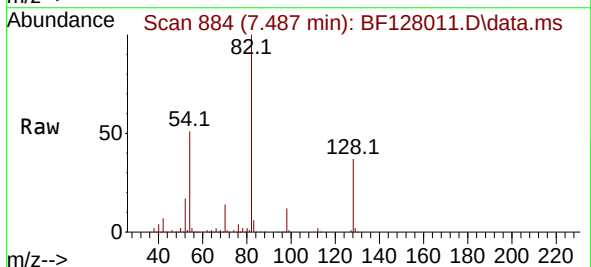
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

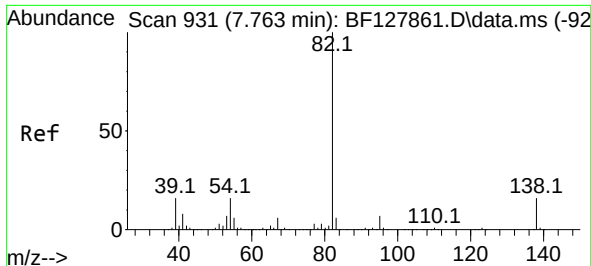
Tgt Ion:136 Resp: 400874
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 6.8 10.2
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 30.361 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Tgt Ion: 82 Resp: 258821
Ion Ratio Lower Upper
82 100
128 36.9 30.0 45.0
54 51.0 41.3 61.9

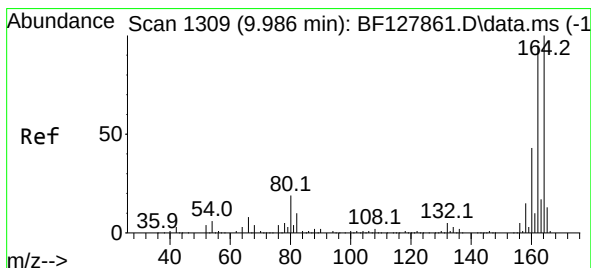
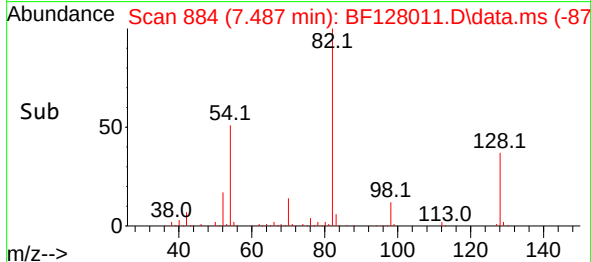
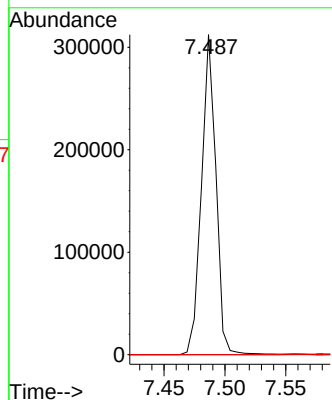
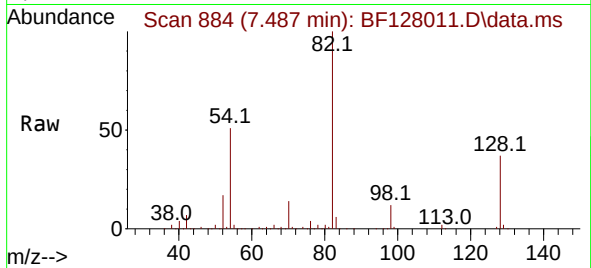




#25
Isophorone
Concen: 18.042 ng
RT: 7.487 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

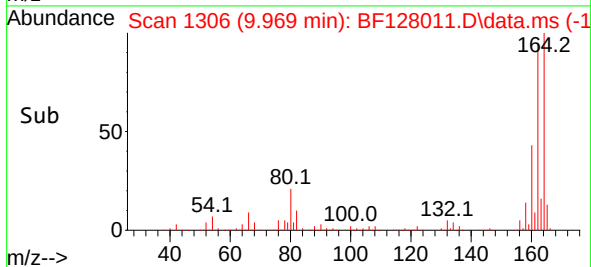
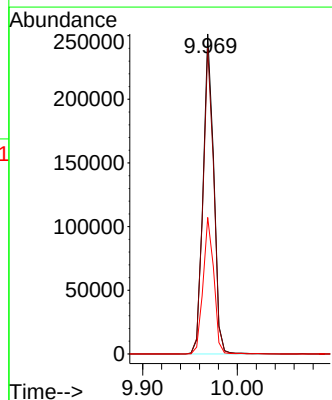
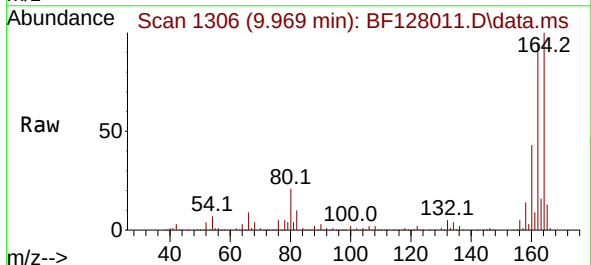
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

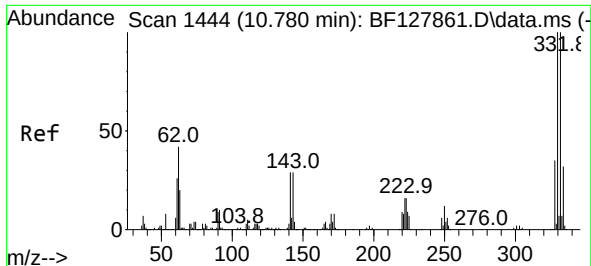
Tgt Ion: 82 Resp: 258867
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Tgt Ion:164 Resp: 195735
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 42.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 39.620 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF128011.D

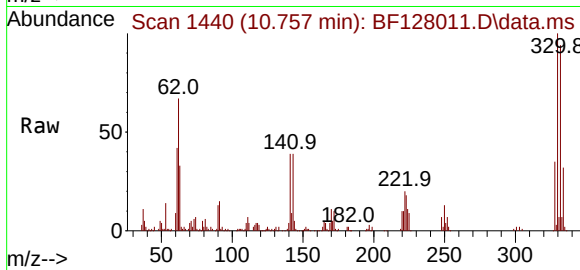
Acq: 29 Apr 2022 22:58

Instrument :

BNA_F

ClientSampleId :

TR-06-042822



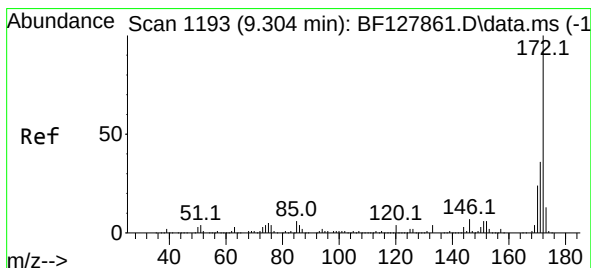
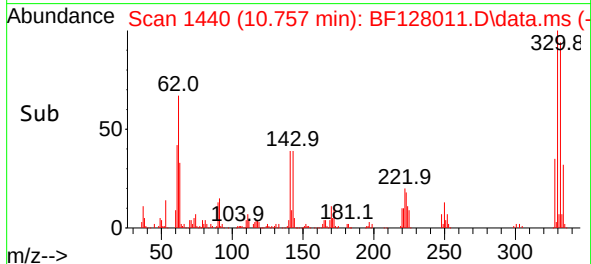
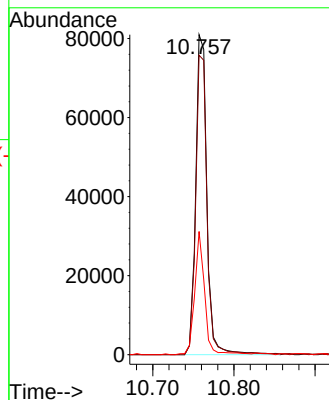
Tgt Ion:330 Resp: 78067

Ion Ratio Lower Upper

330 100

332 95.0 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 35.782 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF128011.D

Acq: 29 Apr 2022 22:58

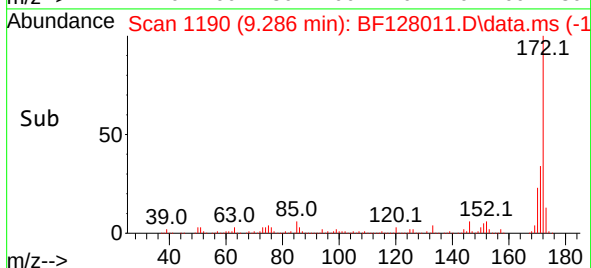
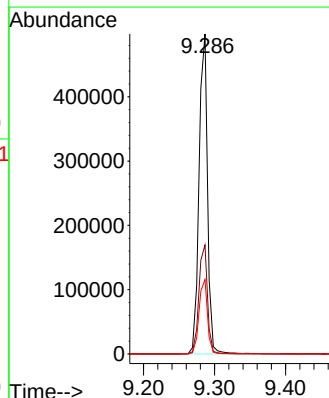
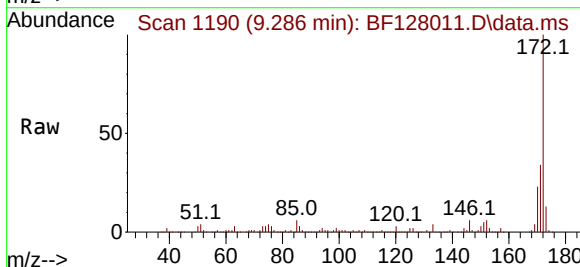
Tgt Ion:172 Resp: 413996

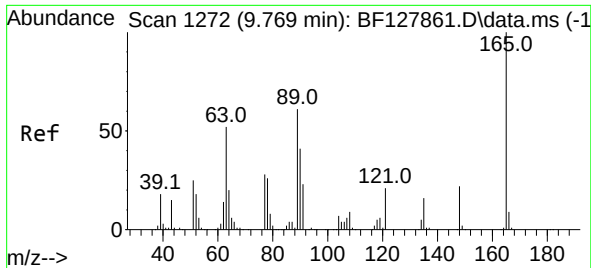
Ion Ratio Lower Upper

172 100

171 34.1 28.6 42.8

170 23.2 19.1 28.7

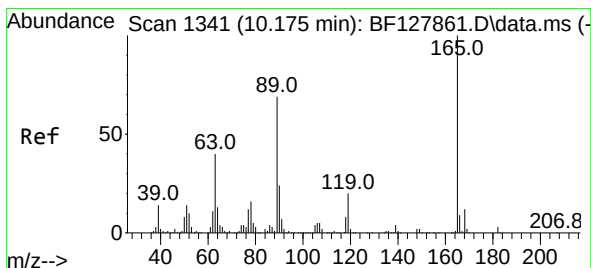
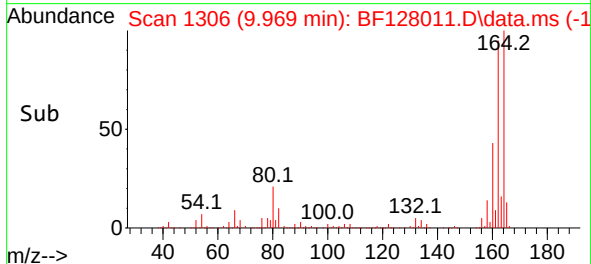
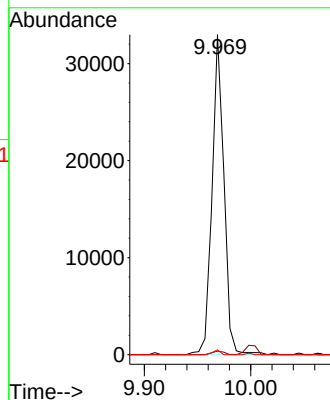
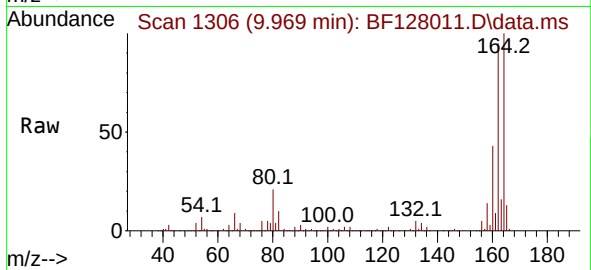




#51
2,6-Dinitrotoluene
Concen: 9.028 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

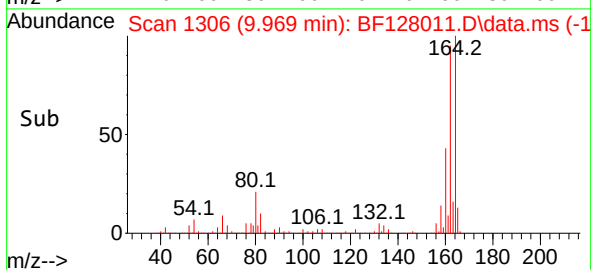
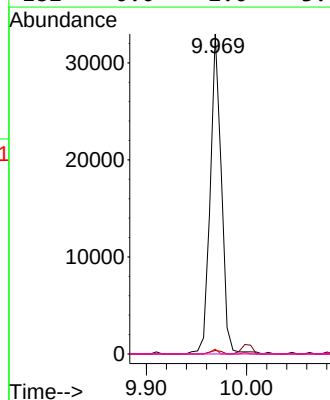
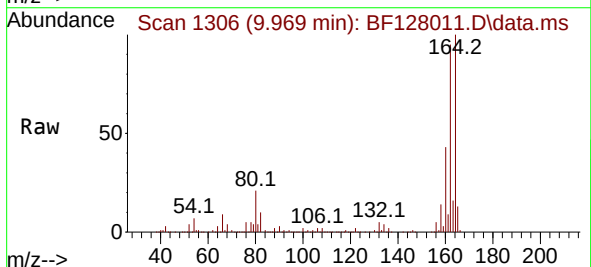
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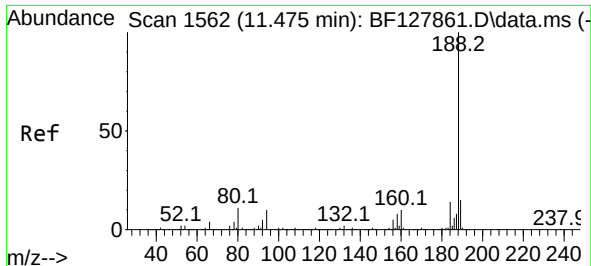
Tgt Ion:165 Resp: 25659
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.816 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Tgt Ion:165 Resp: 25659
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

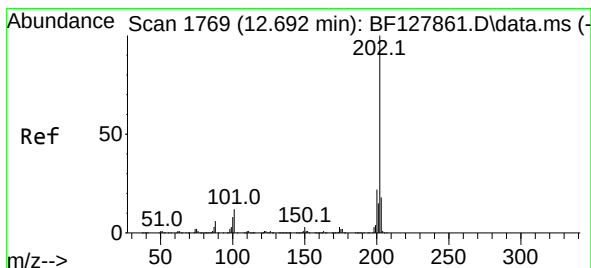
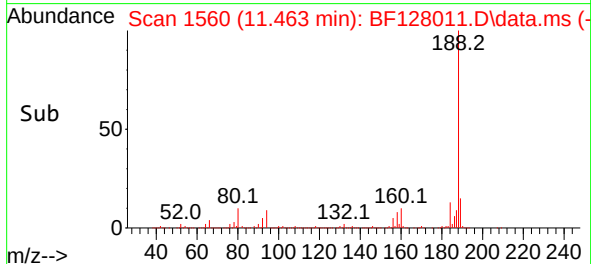
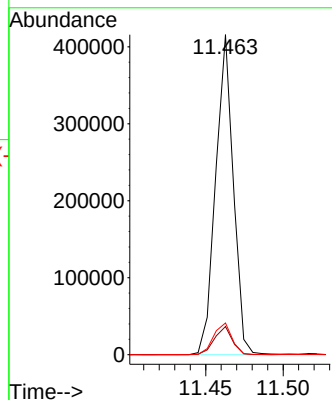
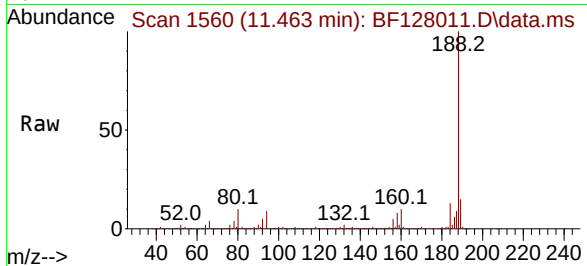




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

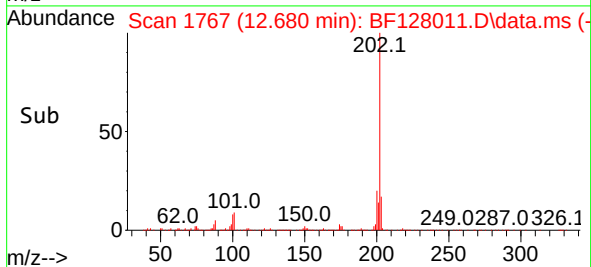
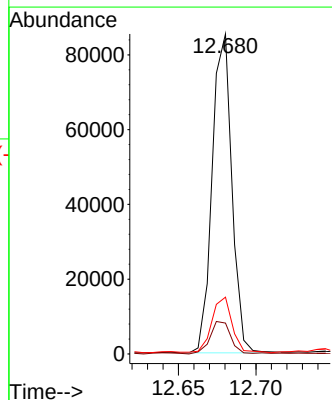
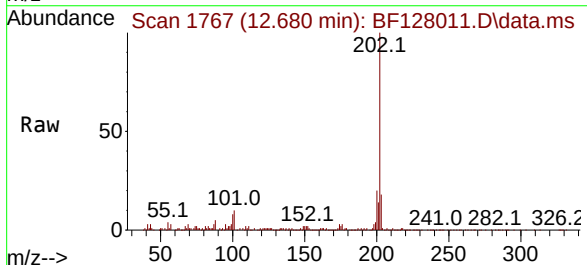
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

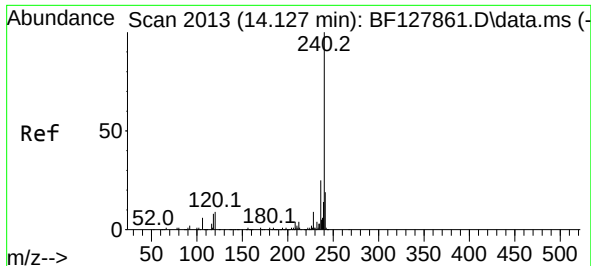
Tgt Ion:188 Resp: 329856
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.9 8.9 13.3



#75
Fluoranthene
Concen: 4.146 ng
RT: 12.680 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Tgt Ion:202 Resp: 75350
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.6
203 17.7 0.0 38.1

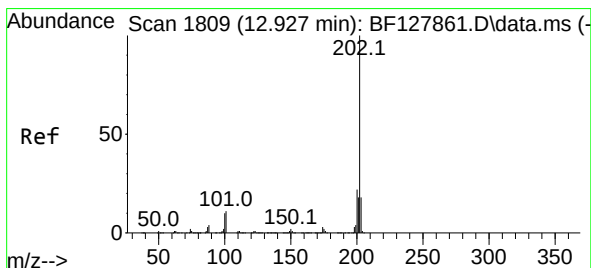
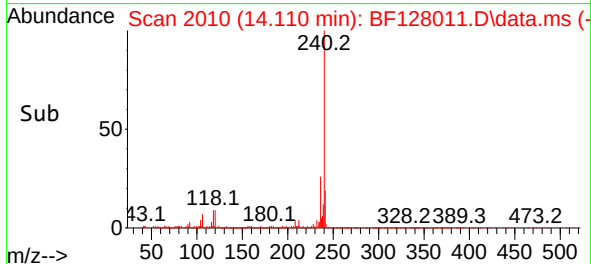
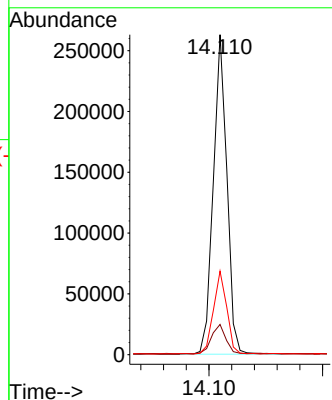
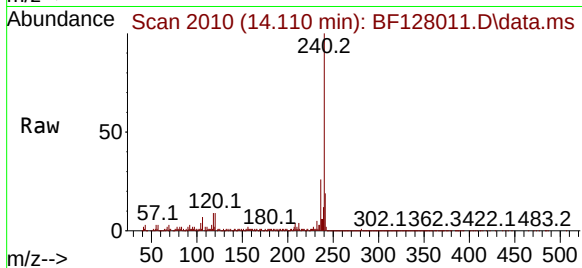




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

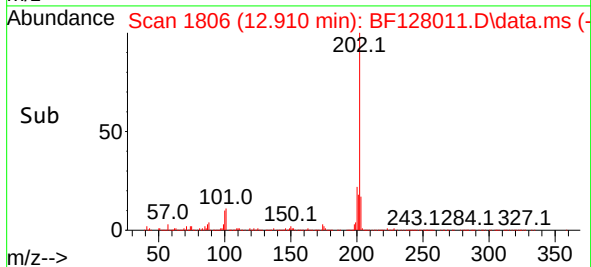
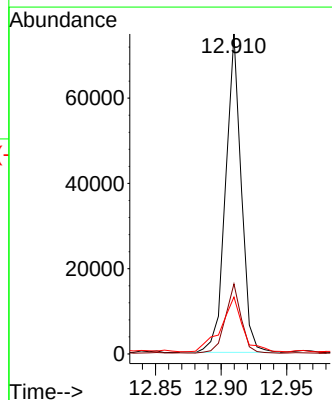
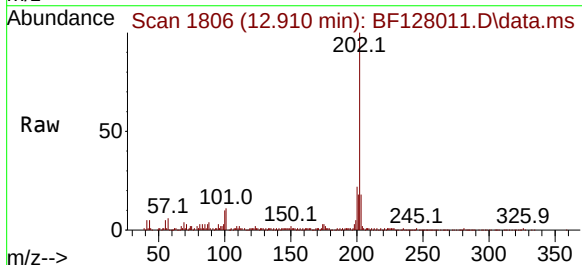
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

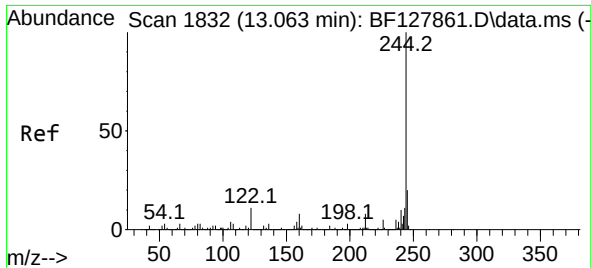
Tgt Ion:240 Resp: 218462
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 26.1 20.3 30.5



#78
Pyrene
Concen: 3.501 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Tgt Ion:202 Resp: 61746
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.8 14.0 21.0

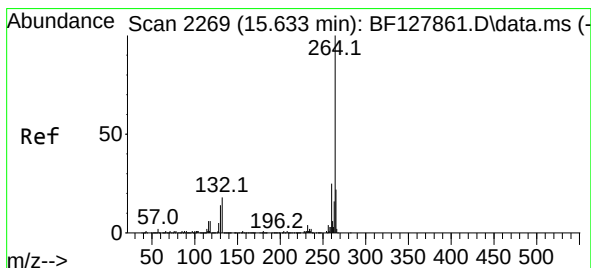
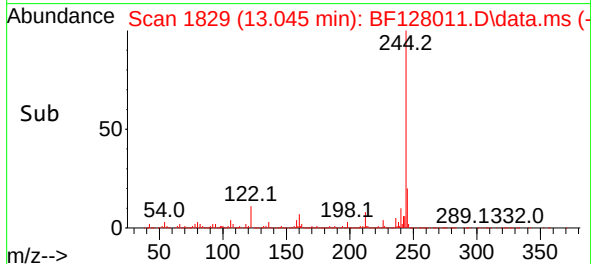
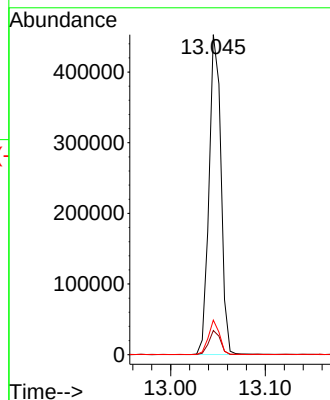
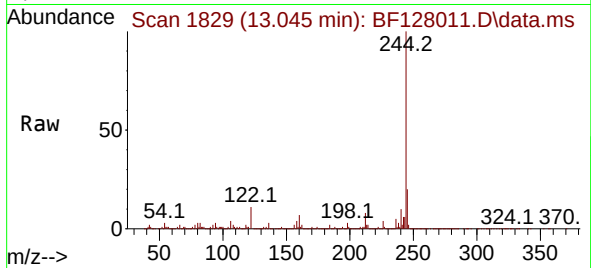




#79
 Terphenyl-d14
 Concen: 33.056 ng
 RT: 13.045 min Scan# 1829
 Delta R.T. -0.012 min
 Lab File: BF128011.D
 Acq: 29 Apr 2022 22:58

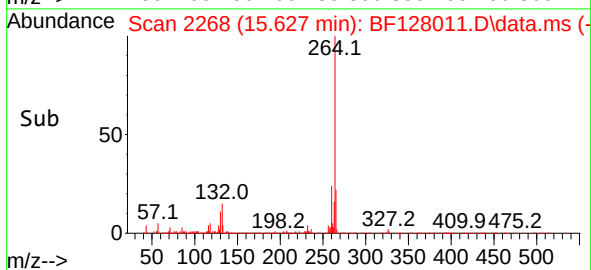
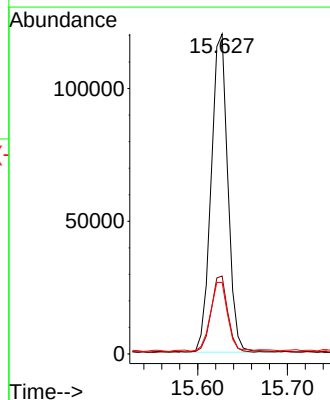
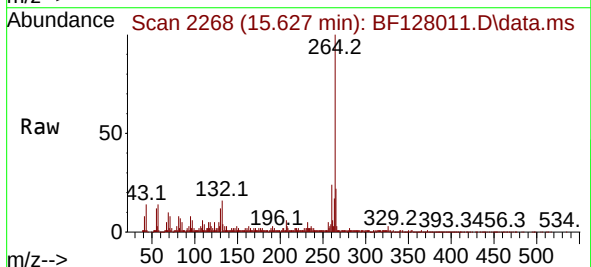
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-042822

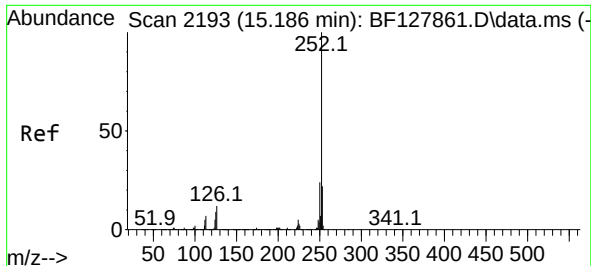
Tgt Ion:244 Resp: 394921
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. 0.006 min
 Lab File: BF128011.D
 Acq: 29 Apr 2022 22:58

Tgt Ion:264 Resp: 155010
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.4 17.5 26.3

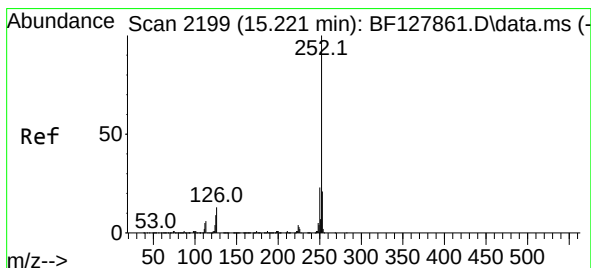
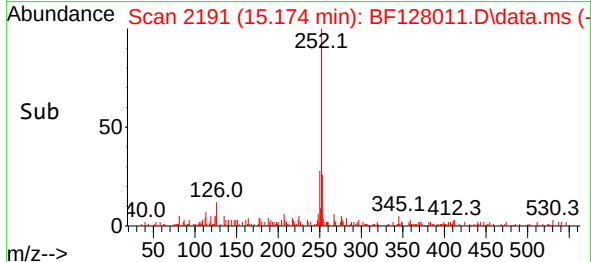
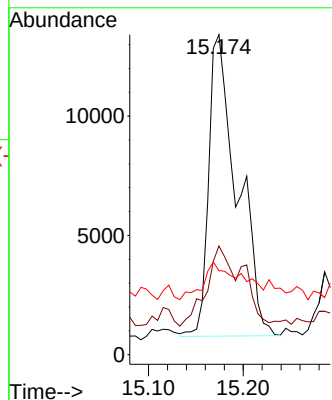
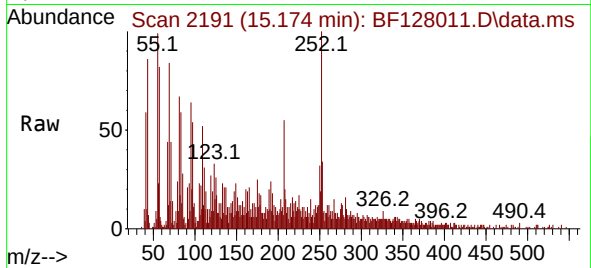




#88
Benzo(b)fluoranthene
Concen: 2.721 ng
RT: 15.174 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Instrument :
BNA_F
ClientSampleId :
TR-06-042822

Tgt Ion:252 Resp: 26488
Ion Ratio Lower Upper
252 100
253 33.9 17.4 26.2#
125 26.3 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 2.697 ng
RT: 15.174 min Scan# 2191
Delta R.T. -0.035 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Tgt Ion:252 Resp: 26453
Ion Ratio Lower Upper
252 100
253 33.9 17.0 25.4#
125 26.3 6.8 10.2#

