

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132701.D
 Acq On : 08 Mar 2023 21:04
 Operator : CG\JU
 Sample : 01829-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-08-20230306

Quant Time: Mar 09 00:41:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

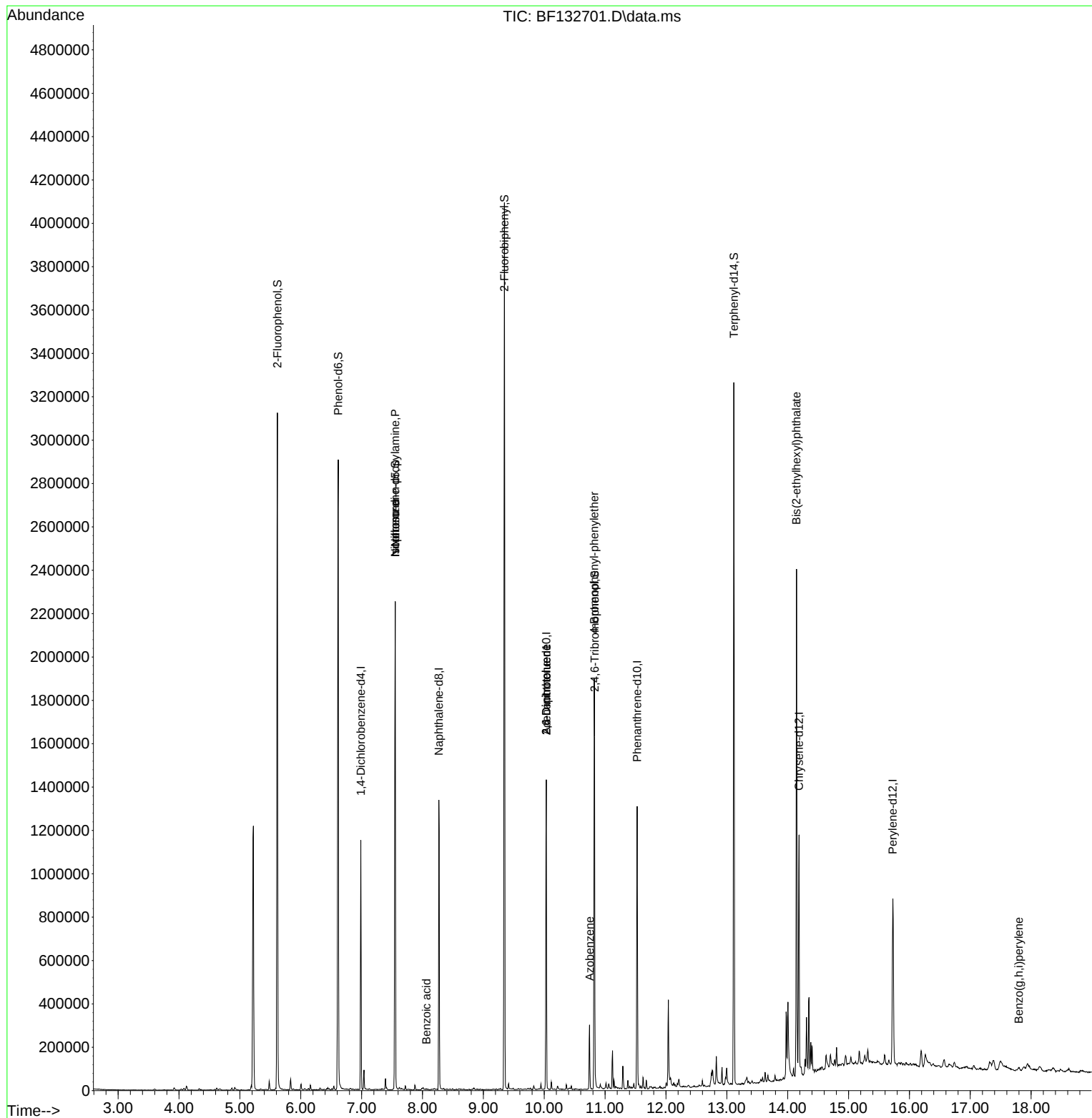
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	155735	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	575277	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	280788	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	462495	20.000	ng	0.00
76) Chrysene-d12	14.186	240	370363	20.000	ng	-0.01
86) Perylene-d12	15.727	264	371115	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	882536	91.972	ng	0.00
7) Phenol-d6	6.616	99	1082961	86.476	ng	0.00
23) Nitrobenzene-d5	7.551	82	691892	57.062	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	233483	76.996	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1153227	62.537	ng	-0.01
79) Terphenyl-d14	13.116	244	1105955	50.488	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.551	70	91121	11.823	ng	# 75
25) Isophorone	7.551	82	691884	29.762	ng	# 67
32) Benzoic acid	8.063	122	152	3.856	ng	90
51) 2,6-Dinitrotoluene	10.033	165	35505	7.625	ng	# 22
57) 2,4-Dinitrotoluene	10.033	165	35505	5.732	ng	# 21
63) Azobenzene	10.745	77	48873	2.311	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	14950	2.858	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.145	149	621877	38.097	ng	99
92) Benzo(g,h,i)perylene	17.798	276	9841	2.039	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132701.D
Acq On : 08 Mar 2023 21:04
Operator : CG\JU
Sample : 01829-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-08-20230306

Quant Time: Mar 09 00:41:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

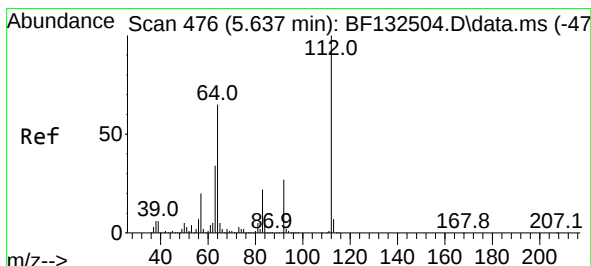
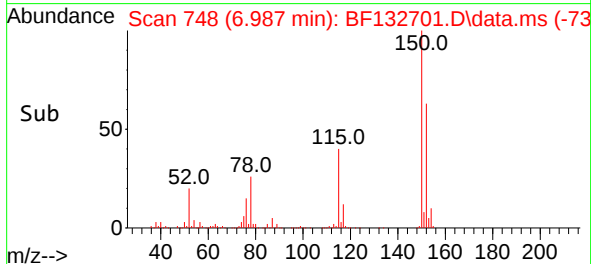
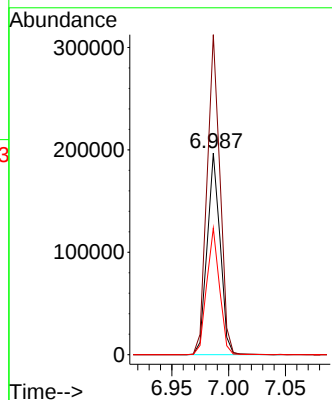
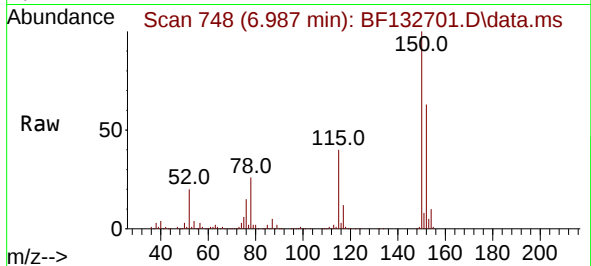




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

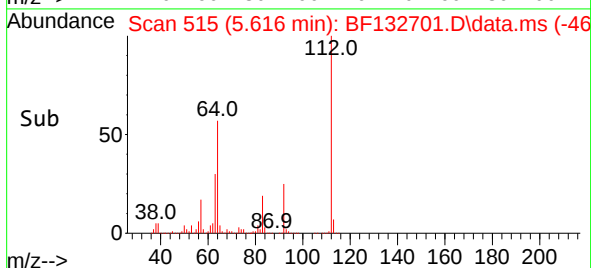
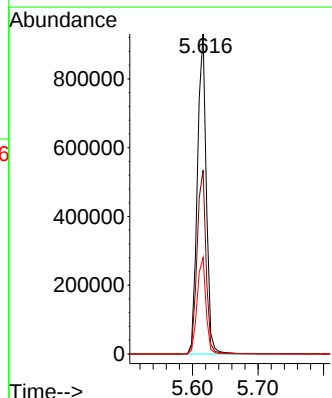
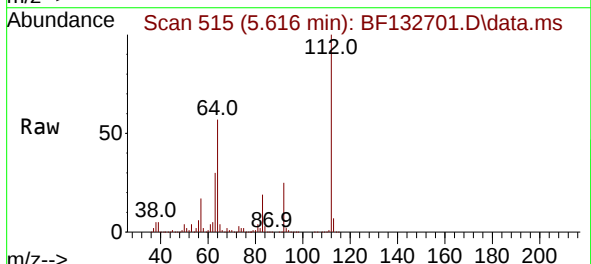
Instrument :
BNA_F
ClientSampleId :
SS-08-20230306

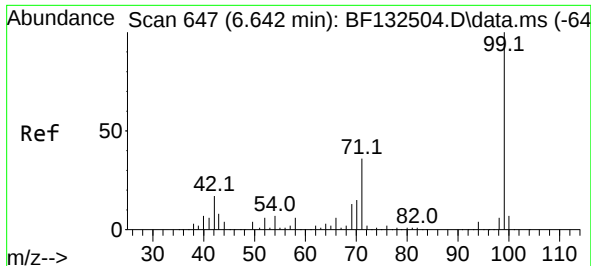
Tgt Ion:152 Resp: 155735
Ion Ratio Lower Upper
152 100
150 158.8 125.4 188.2
115 62.8 47.8 71.6



#5
2-Fluorophenol
Concen: 91.972 ng
RT: 5.616 min Scan# 515
Delta R.T. -0.000 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

Tgt Ion:112 Resp: 882536
Ion Ratio Lower Upper
112 100
64 57.4 51.6 77.4
63 30.2 27.4 41.2

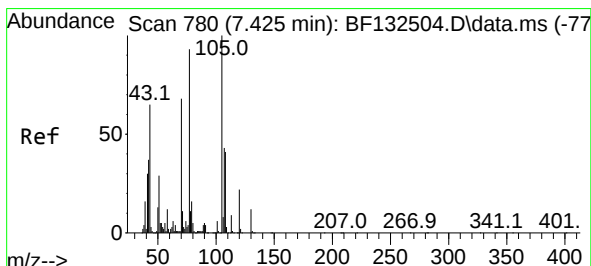
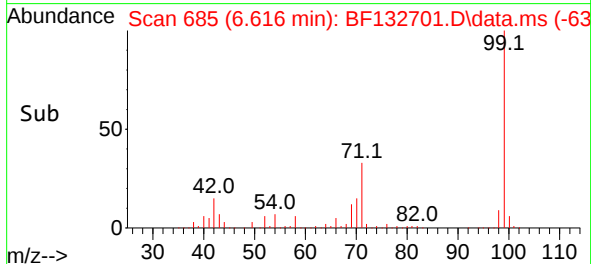
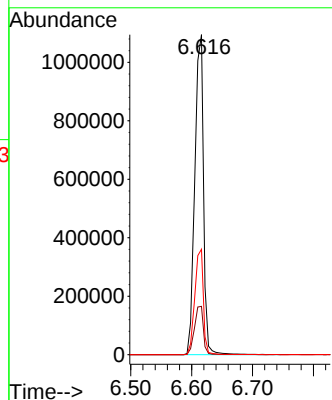
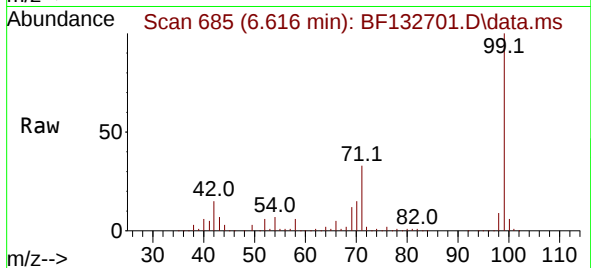




#7
Phenol-d6
Concen: 86.476 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

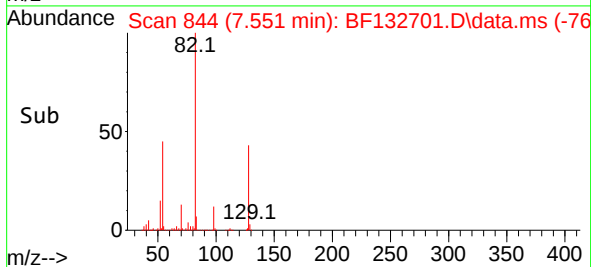
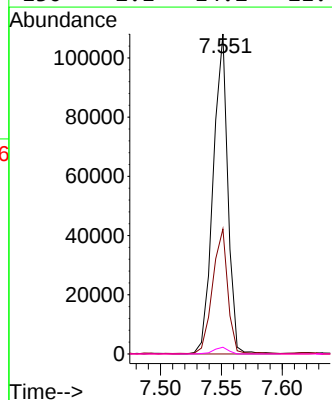
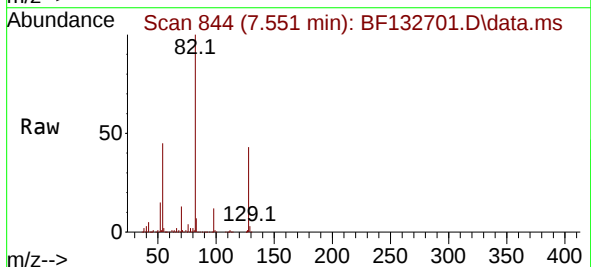
Instrument :
BNA_F
ClientSampleId :
SS-08-20230306

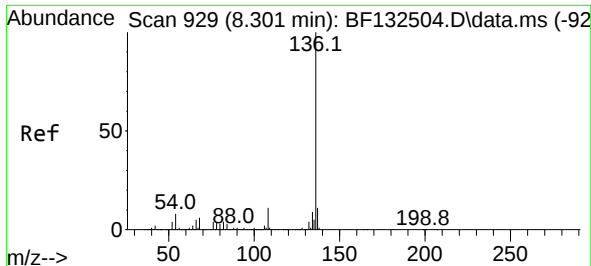
Tgt Ion: 99 Resp: 1082961
Ion Ratio Lower Upper
99 100
42 15.1 13.9 20.9
71 32.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.823 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

Tgt Ion: 70 Resp: 91121
Ion Ratio Lower Upper
70 100
42 39.1 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

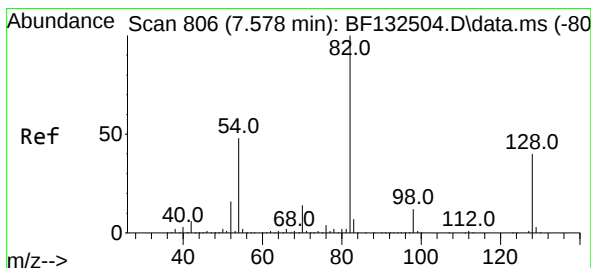
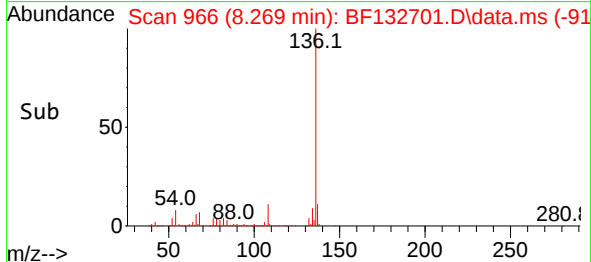
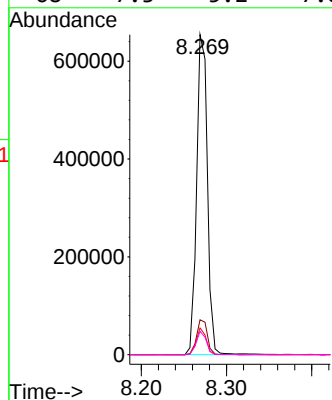
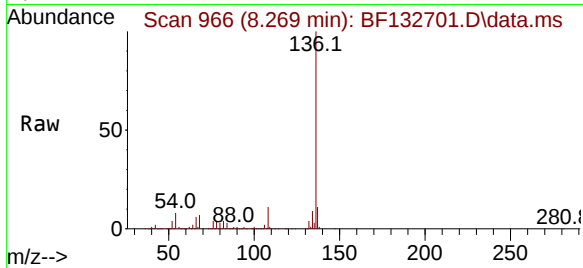




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

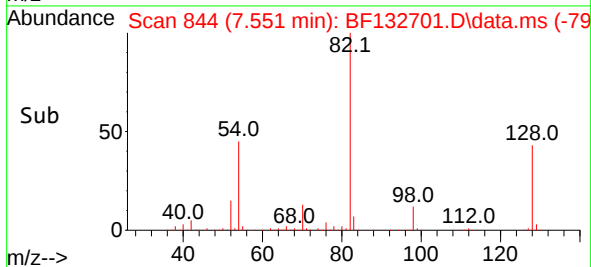
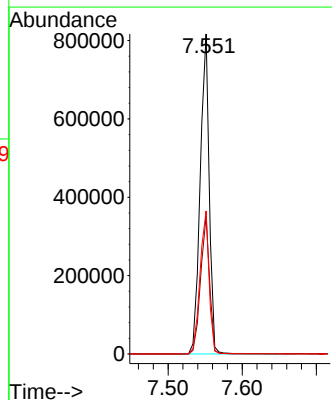
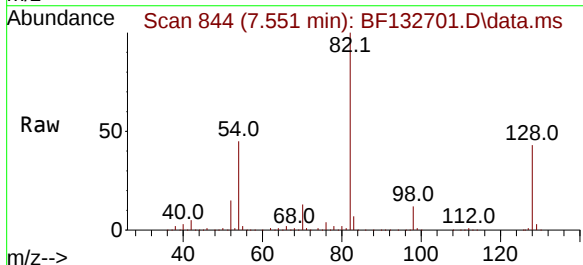
Instrument :
BNA_F
ClientSampleId :
SS-08-20230306

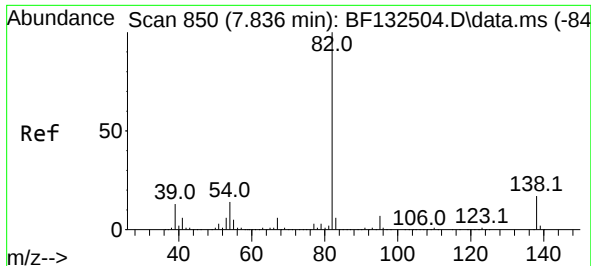
Tgt Ion:136 Resp: 575277
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 6.2 9.4
68 7.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 57.062 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

Tgt Ion: 82 Resp: 691892
Ion Ratio Lower Upper
82 100
128 43.1 32.2 48.2
54 44.7 38.4 57.6

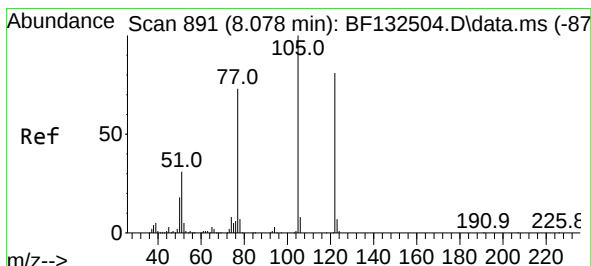
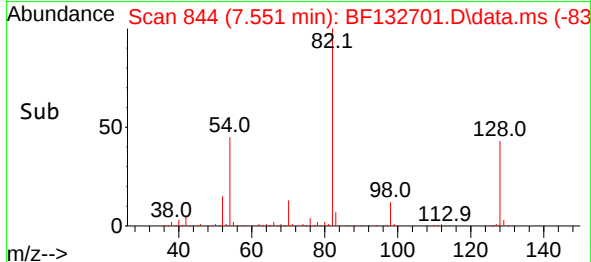
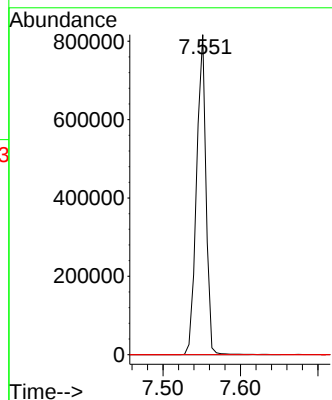
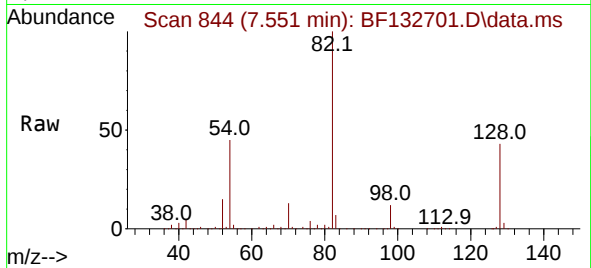




#25
Isophorone
Concen: 29.762 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

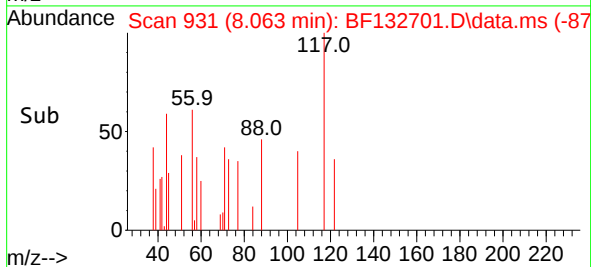
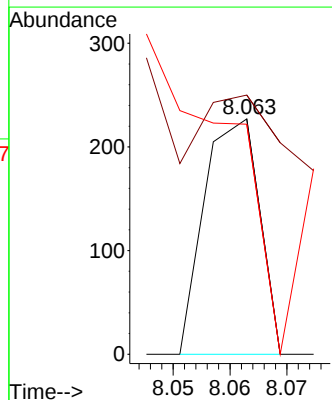
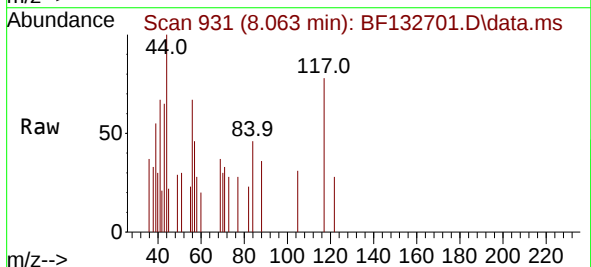
Instrument :
BNA_F
ClientSampleId :
SS-08-20230306

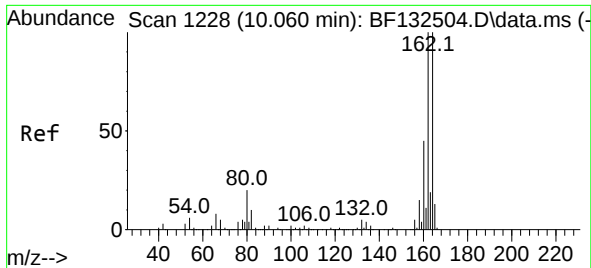
Tgt Ion: 82 Resp: 691884
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.856 ng
RT: 8.063 min Scan# 931
Delta R.T. 0.006 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

Tgt Ion: 122 Resp: 152
Ion Ratio Lower Upper
122 100
105 110.1 102.6 142.6
77 97.8 70.2 110.2

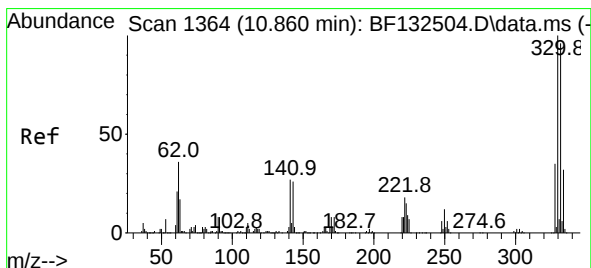
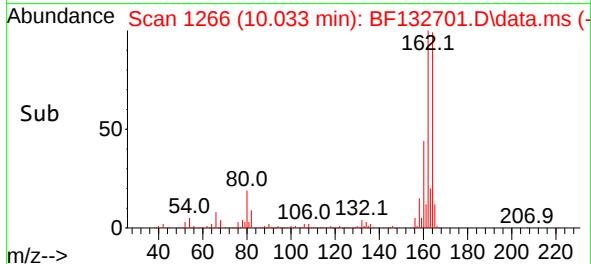
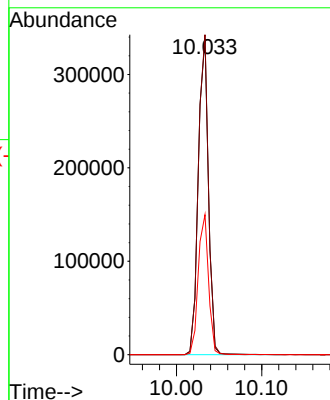
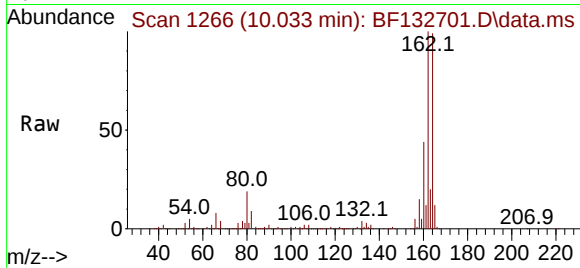




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

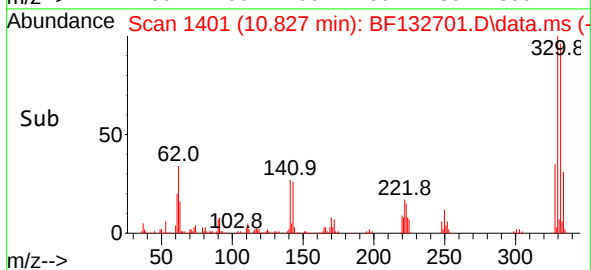
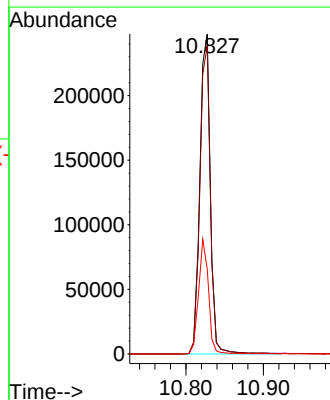
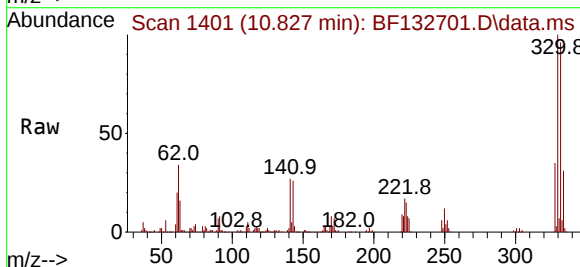
Instrument :
BNA_F
ClientSampleId :
SS-08-20230306

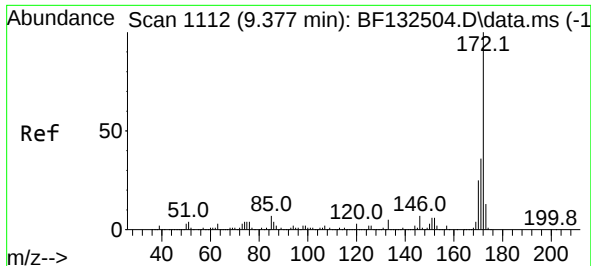
Tgt Ion:164 Resp: 280788
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 44.3 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 76.996 ng
RT: 10.827 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

Tgt Ion:330 Resp: 233483
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 33.9 28.4 42.6

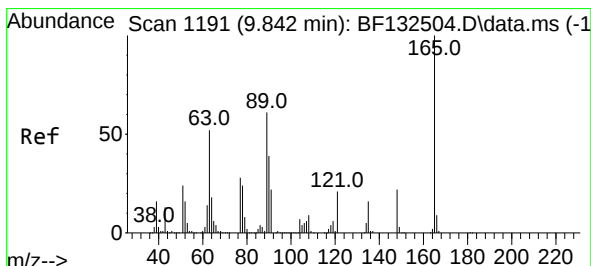
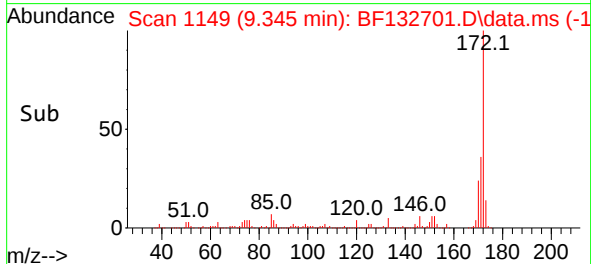
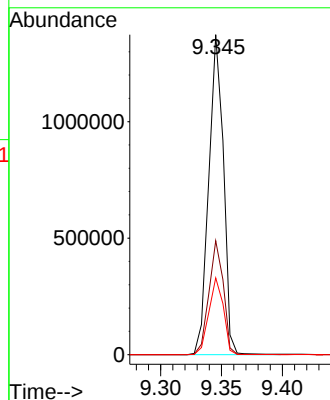
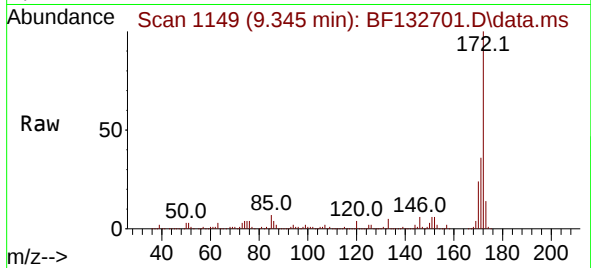




#45
2-Fluorobiphenyl
Concen: 62.537 ng
RT: 9.345 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

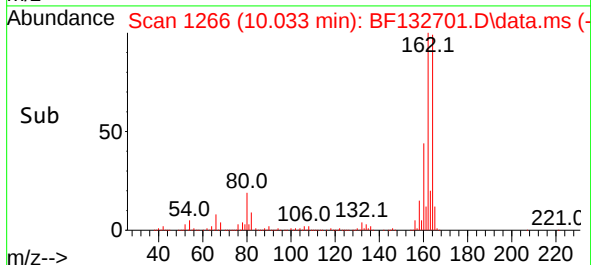
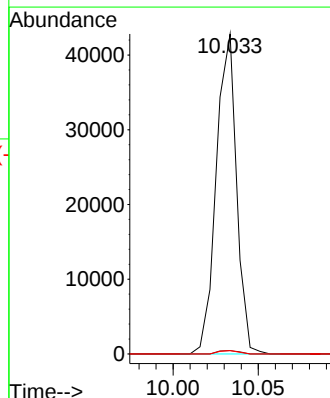
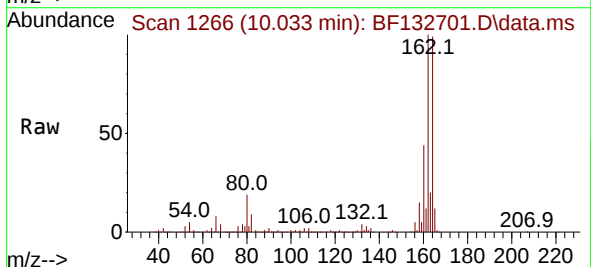
Instrument :
BNA_F
ClientSampleId :
SS-08-20230306

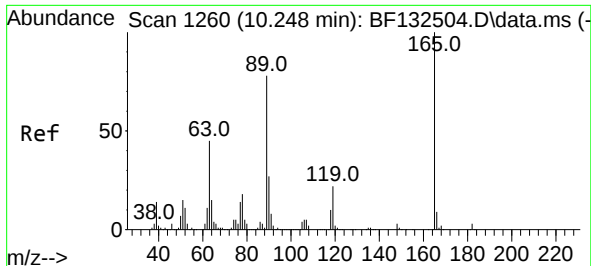
Tgt Ion:172 Resp: 1153227
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.0 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.625 ng
RT: 10.033 min Scan# 1266
Delta R.T. 0.212 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

Tgt Ion:165 Resp: 35505
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.1 48.9 73.3#

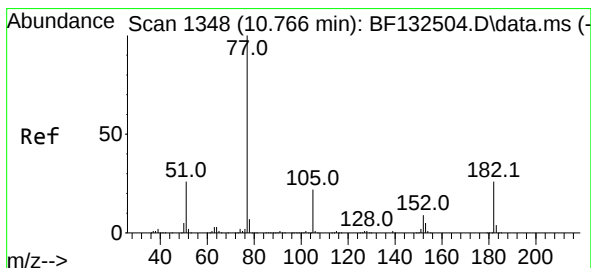
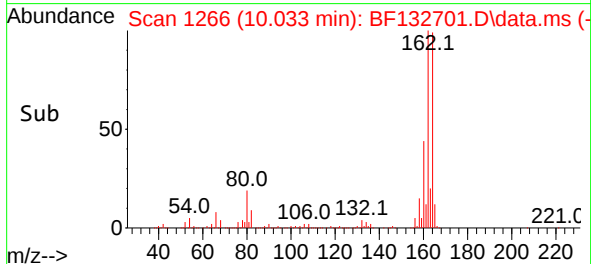
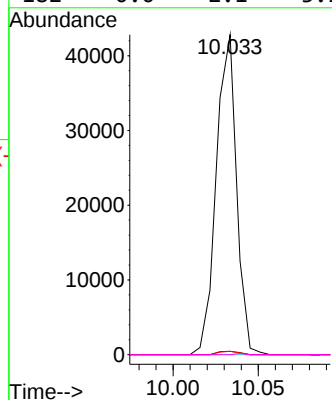
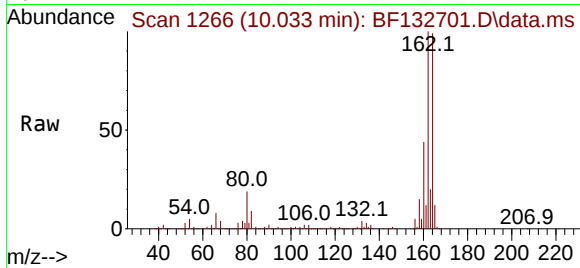




#57
2,4-Dinitrotoluene
Concen: 5.732 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

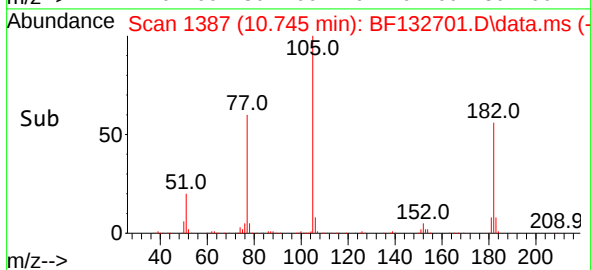
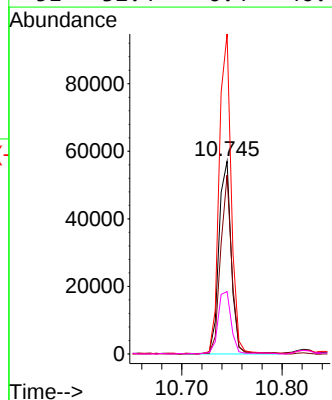
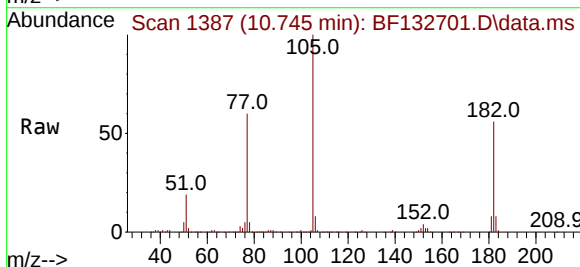
Instrument :
BNA_F
ClientSampleId :
SS-08-20230306

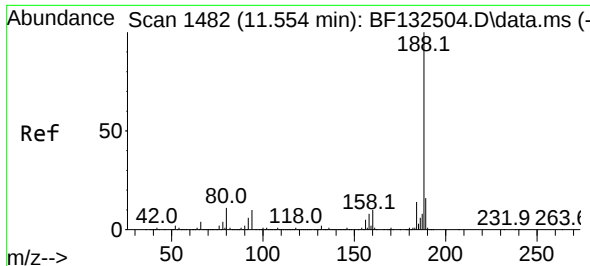
Tgt Ion:165 Resp: 35505
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.311 ng
RT: 10.745 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

Tgt Ion: 77 Resp: 48873
Ion Ratio Lower Upper
77 100
182 92.9 5.5 45.5#
105 166.1 1.8 41.8#
51 32.4 6.4 46.4

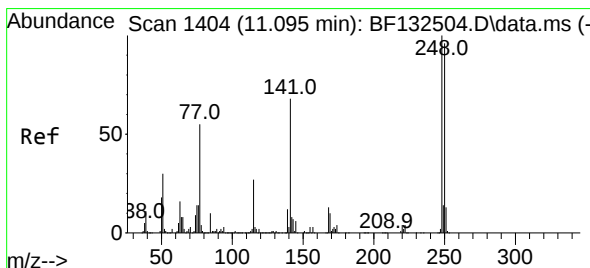
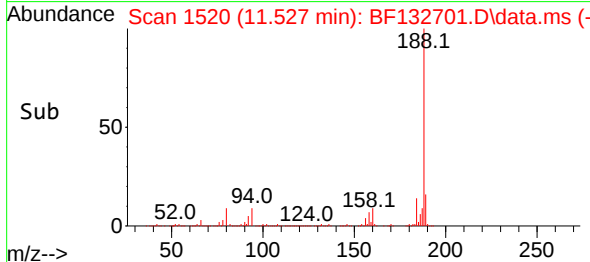
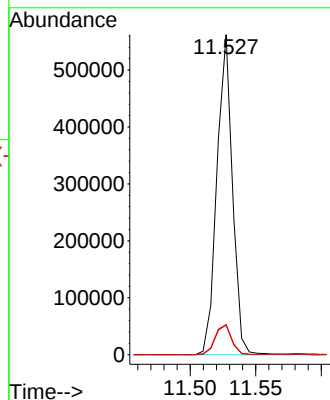
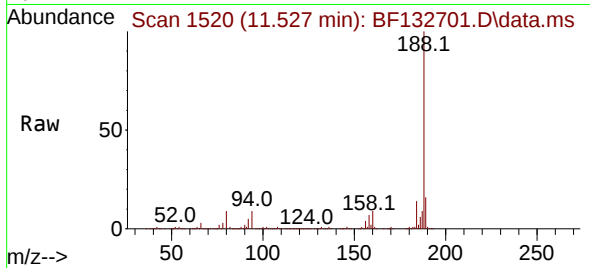




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

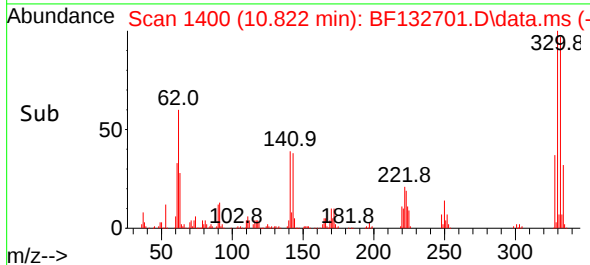
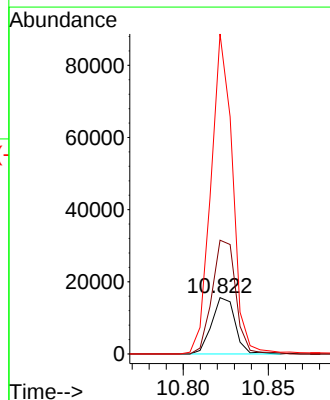
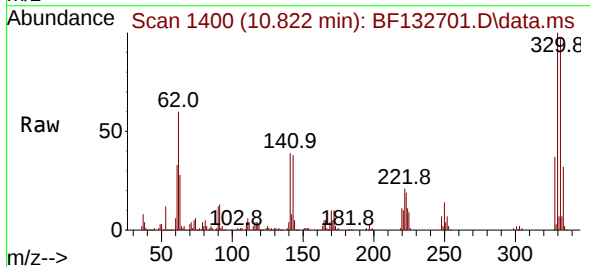
Instrument :
BNA_F
ClientSampleId :
SS-08-20230306

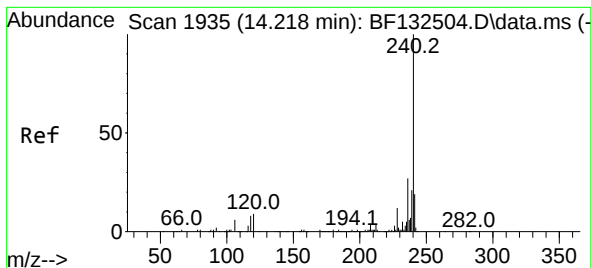
Tgt Ion:188 Resp: 462495
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.4 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.858 ng
RT: 10.822 min Scan# 1400
Delta R.T. -0.253 min
Lab File: BF132701.D
Acq: 08 Mar 2023 21:04

Tgt Ion:248 Resp: 14950
Ion Ratio Lower Upper
248 100
250 201.8 77.0 115.4#
141 567.4 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.186 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BF132701.D

Acq: 08 Mar 2023 21:04

Instrument :

BNA_F

ClientSampleId :

SS-08-20230306

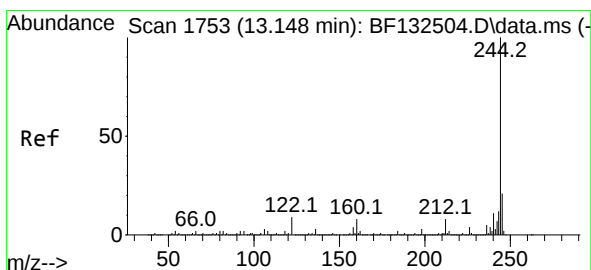
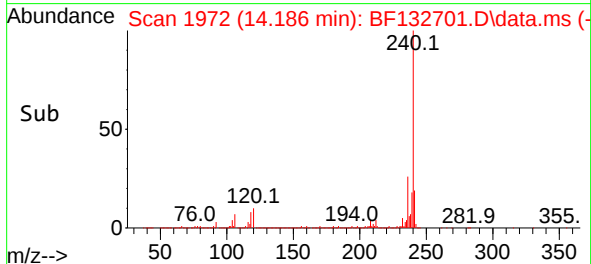
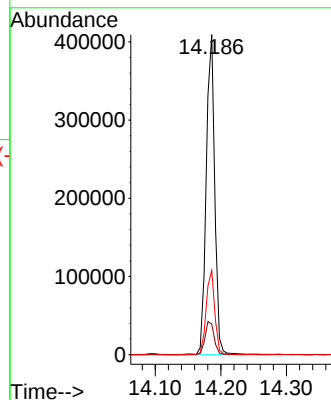
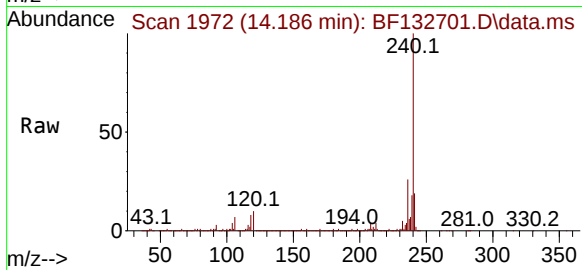
Tgt Ion:240 Resp: 370363

Ion Ratio Lower Upper

240 100

120 9.5 7.2 10.8

236 26.4 21.8 32.6



#79

Terphenyl-d14

Concen: 50.488 ng

RT: 13.116 min Scan# 1790

Delta R.T. -0.012 min

Lab File: BF132701.D

Acq: 08 Mar 2023 21:04

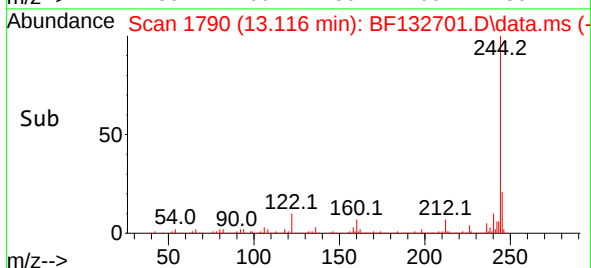
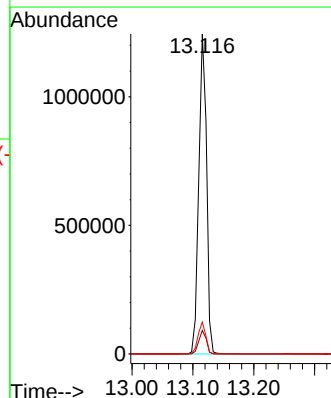
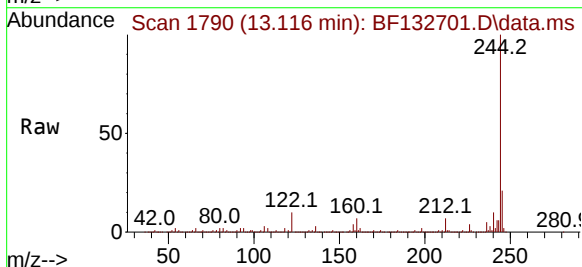
Tgt Ion:244 Resp: 1105955

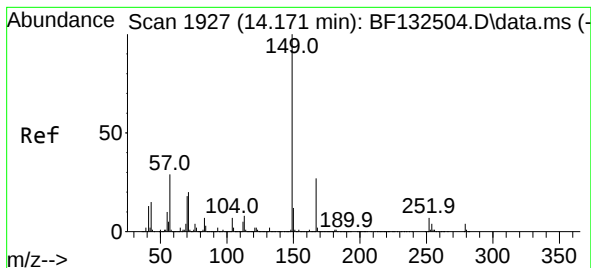
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 10.0 7.5 11.3

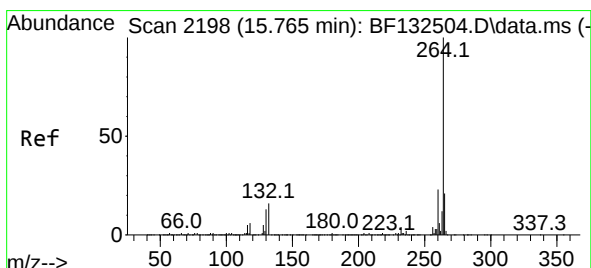
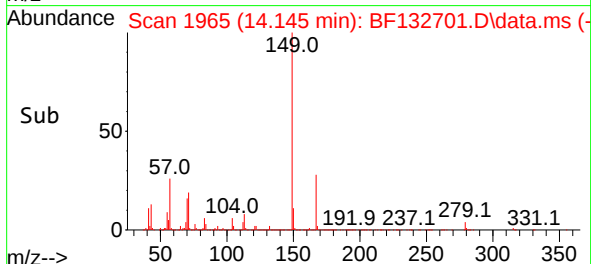
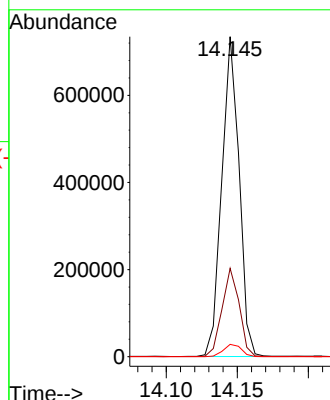
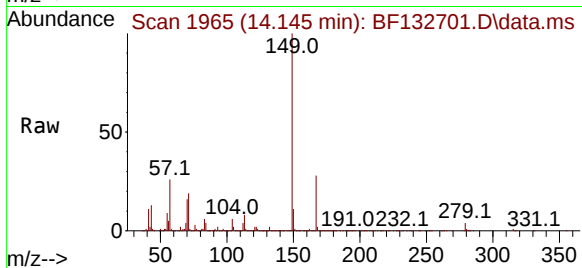




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.097 ng
 RT: 14.145 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BF132701.D
 Acq: 08 Mar 2023 21:04

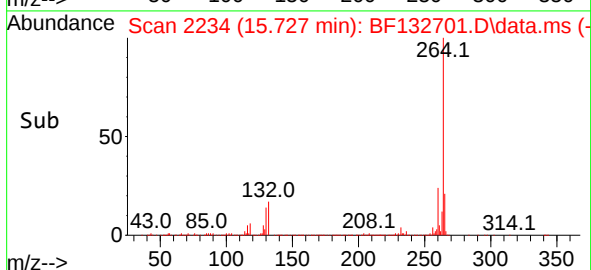
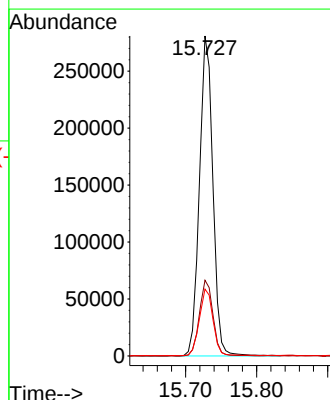
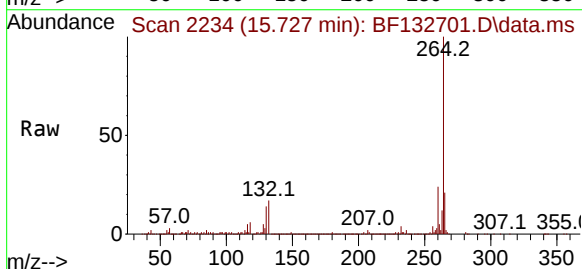
Instrument :
 BNA_F
 ClientSampleId :
 SS-08-20230306

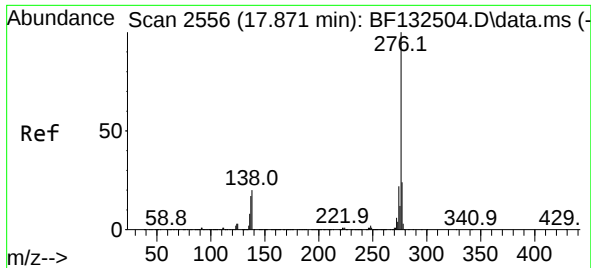
Tgt Ion:149 Resp: 621877
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.8 32.6
 279 3.9 3.0 4.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 2234
 Delta R.T. -0.012 min
 Lab File: BF132701.D
 Acq: 08 Mar 2023 21:04

Tgt Ion:264 Resp: 371115
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 20.9 17.1 25.7





#92
 Benzo(g,h,i)perylene
 Concen: 2.039 ng
 RT: 17.798 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF132701.D
 Acq: 08 Mar 2023 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SS-08-20230306

Tgt Ion:276 Resp: 9841
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.9 28.3
 138 25.5 16.2 24.4#

