

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132700.D
 Acq On : 08 Mar 2023 20:32
 Operator : CG\JU
 Sample : 01829-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-07-20230306

Quant Time: Mar 09 00:40:44 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)

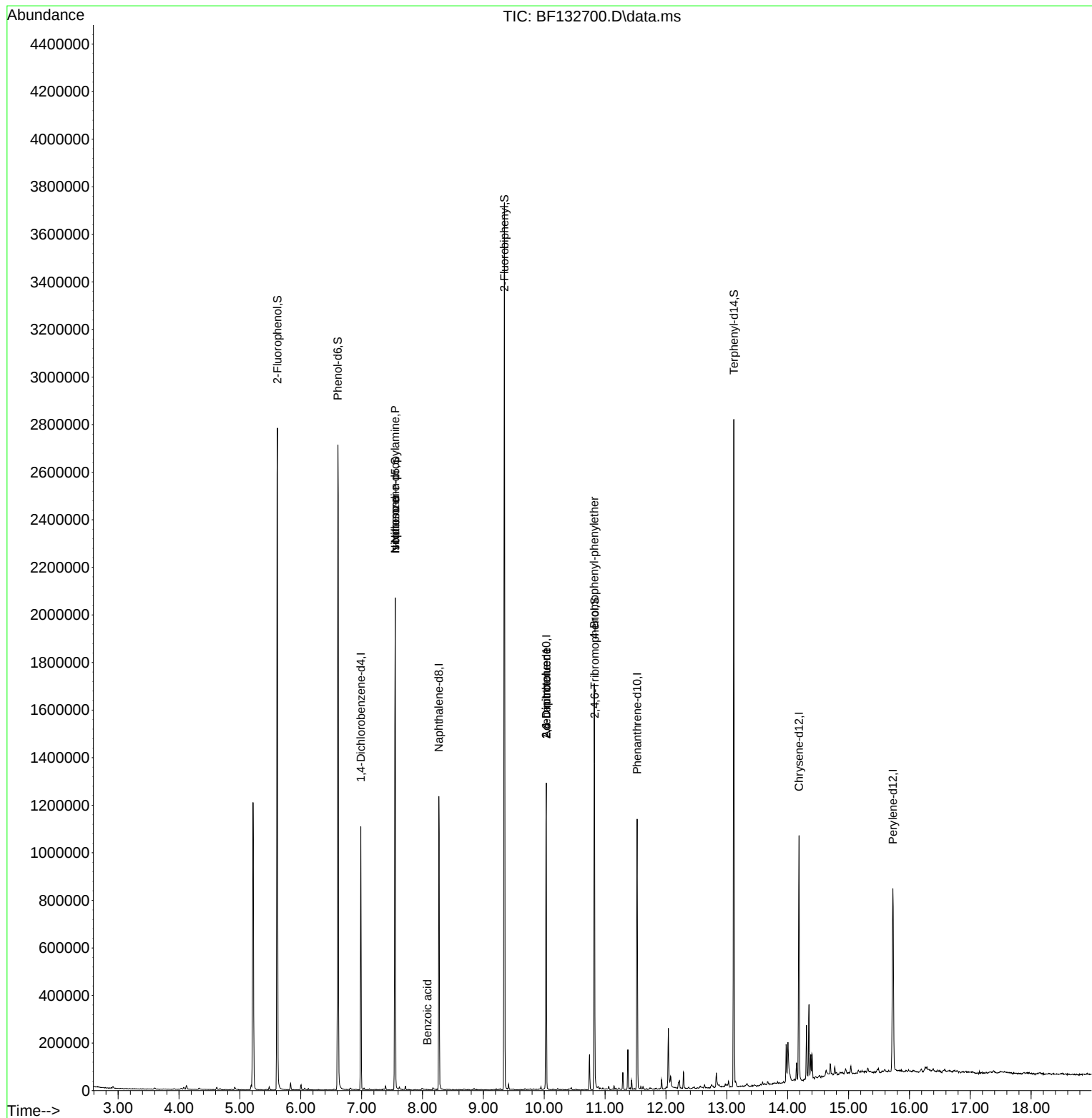
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	146222	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	520353	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	254296	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	420429	20.000	ng	0.00
76) Chrysene-d12	14.186	240	337104	20.000	ng	-0.01
86) Perylene-d12	15.727	264	391956	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	802306	89.051	ng	0.00
7) Phenol-d6	6.610	99	1014479	86.278	ng	-0.01
23) Nitrobenzene-d5	7.551	82	628698	57.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	204351	74.410	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1037952	62.150	ng	-0.01
79) Terphenyl-d14	13.116	244	934875	46.889	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.551	70	81435	11.253	ng	# 76
25) Isophorone	7.551	82	628691	29.899	ng	# 67
32) Benzoic acid	8.081	122	519	3.910	ng	# 58
51) 2,6-Dinitrotoluene	10.033	165	33134	7.858	ng	# 22
57) 2,4-Dinitrotoluene	10.033	165	33134	5.906	ng	# 21
67) 4-Bromophenyl-phenylether	10.822	248	13347	2.807	ng	# 1

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

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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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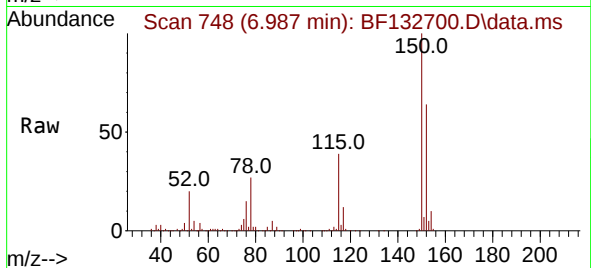
Quant Time: Mar 09 00:40:44 2023
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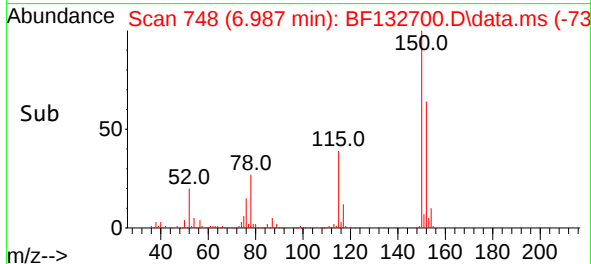
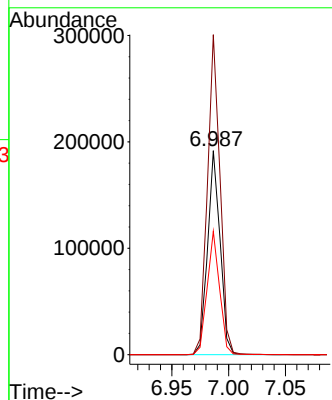


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

Instrument :
BNA_F
ClientSampleId :
SS-07-20230306

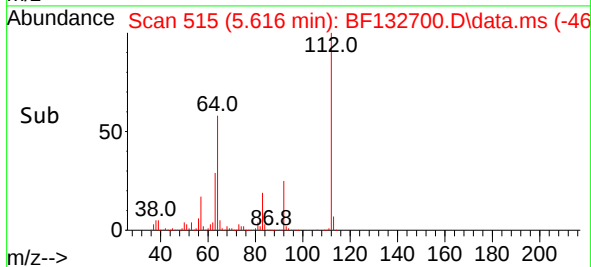
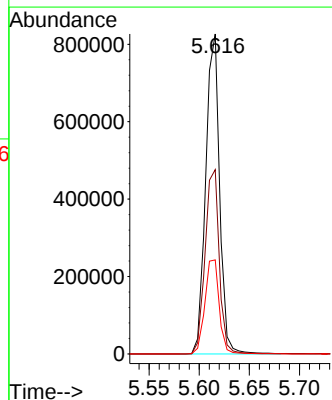
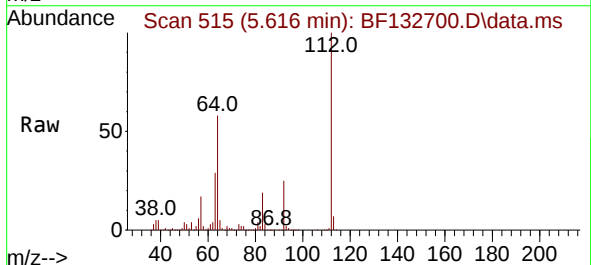


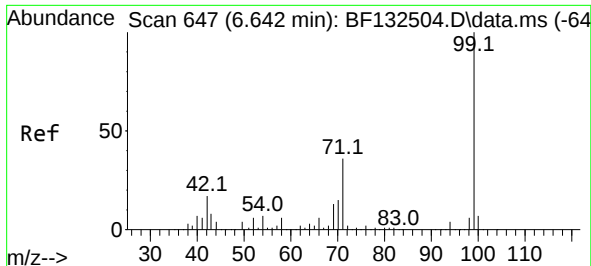
Tgt Ion:152 Resp: 146222
Ion Ratio Lower Upper
152 100
150 156.9 125.4 188.2
115 60.5 47.8 71.6



#5
2-Fluorophenol
Concen: 89.051 ng
RT: 5.616 min Scan# 515
Delta R.T. -0.000 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

Tgt Ion:112 Resp: 802306
Ion Ratio Lower Upper
112 100
64 57.6 51.6 77.4
63 29.4 27.4 41.2

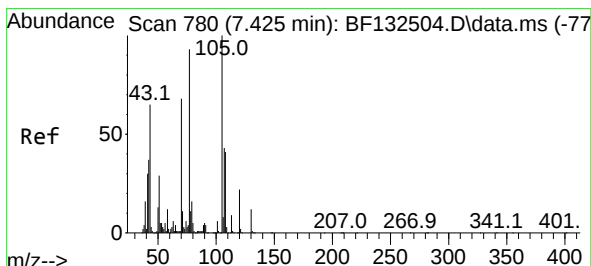
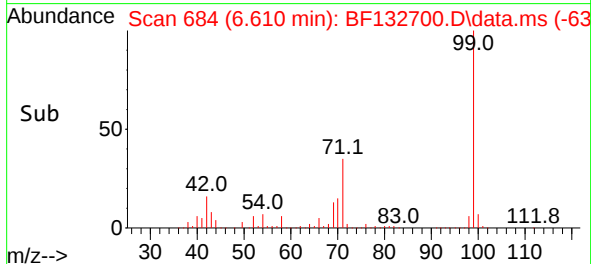
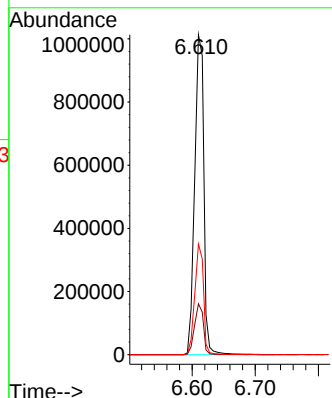
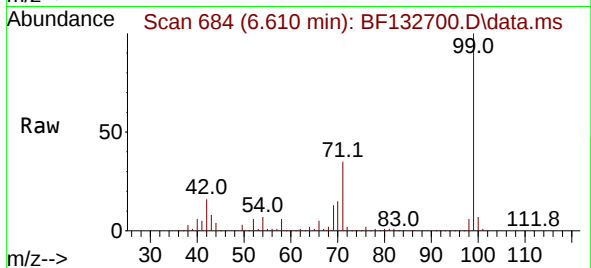




#7
Phenol-d6
Concen: 86.278 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

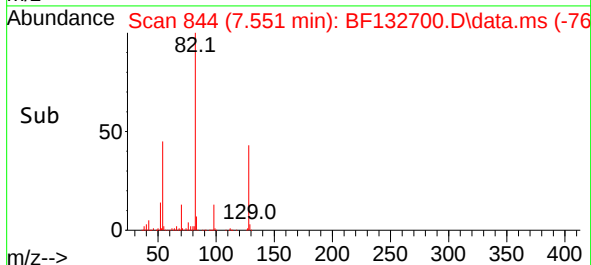
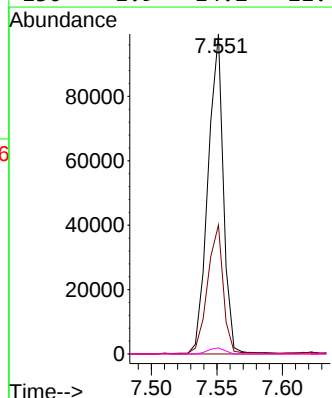
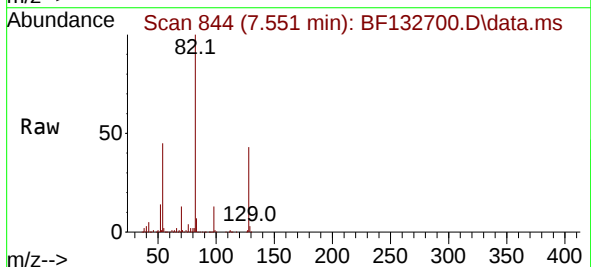
Instrument :
BNA_F
ClientSampleId :
SS-07-20230306

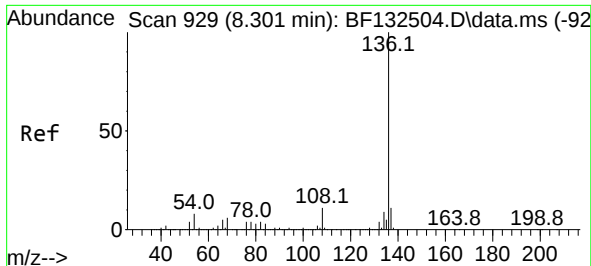
Tgt Ion: 99 Resp: 1014479
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 34.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.253 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

Tgt Ion: 70 Resp: 81435
Ion Ratio Lower Upper
70 100
42 40.3 44.1 66.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#

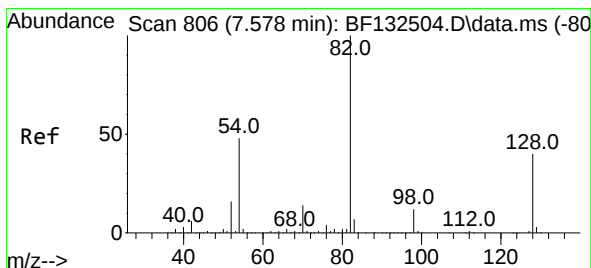
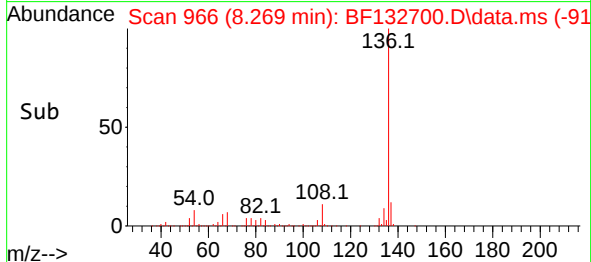
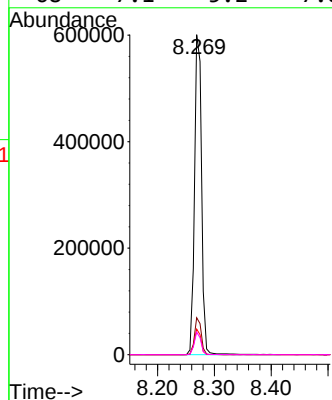
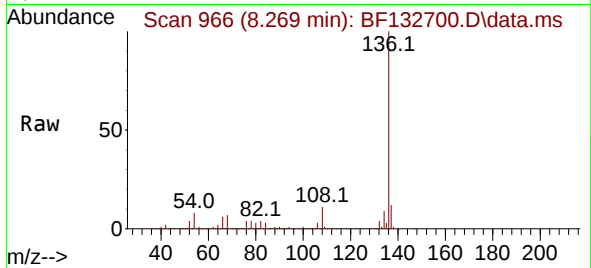




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

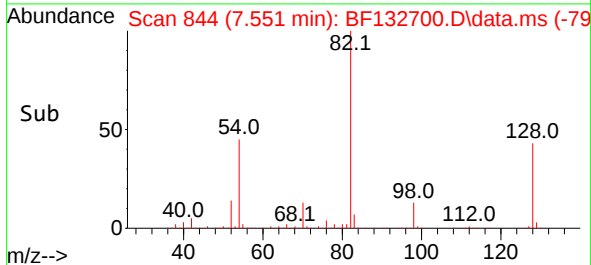
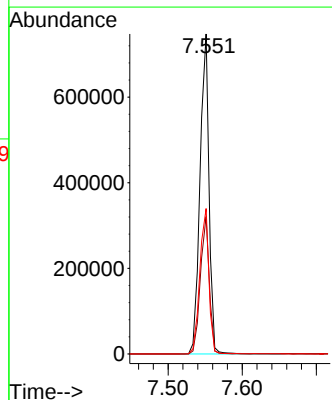
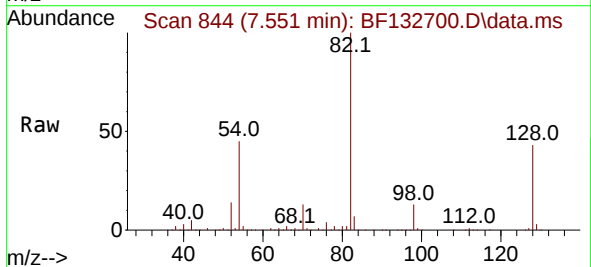
Instrument :
BNA_F
ClientSampleId :
SS-07-20230306

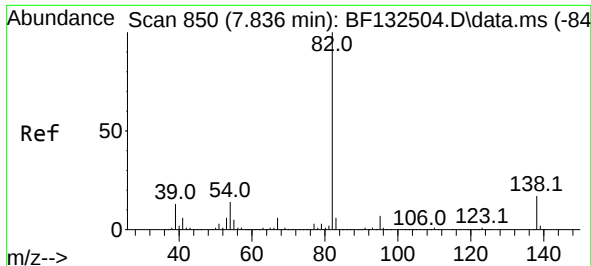
Tgt Ion:136 Resp: 520353
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.0 6.2 9.4
68 7.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 57.323 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

Tgt Ion: 82 Resp: 628698
Ion Ratio Lower Upper
82 100
128 43.0 32.2 48.2
54 45.4 38.4 57.6

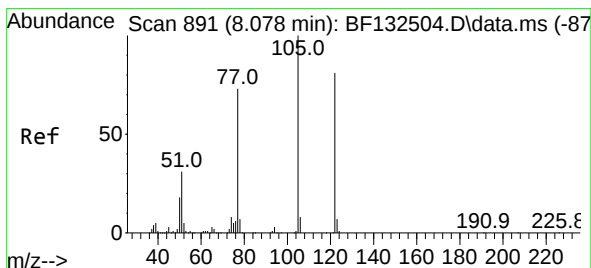
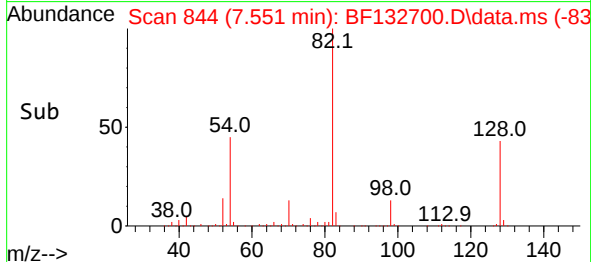
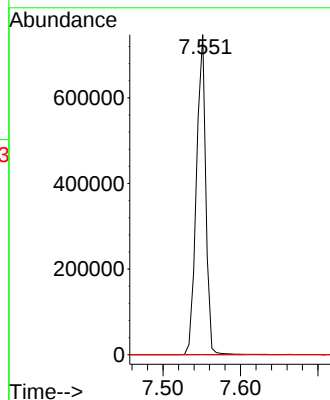
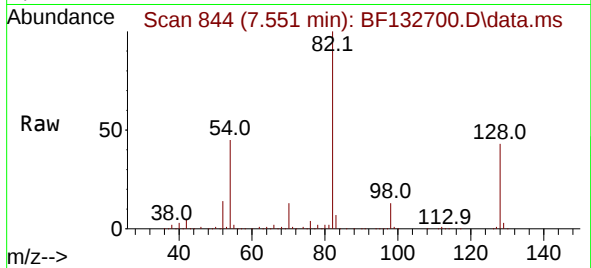




#25
Isophorone
Concen: 29.899 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

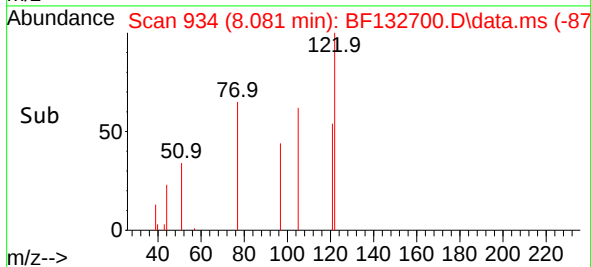
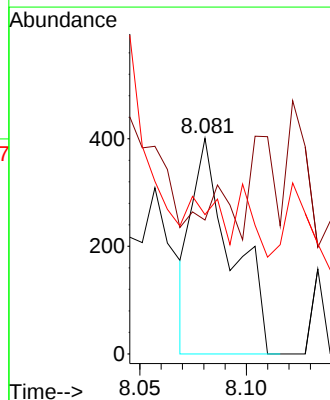
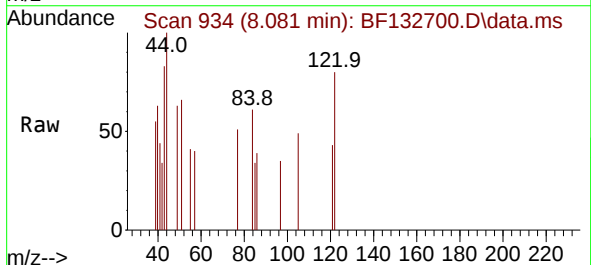
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ClientSampleId :
SS-07-20230306

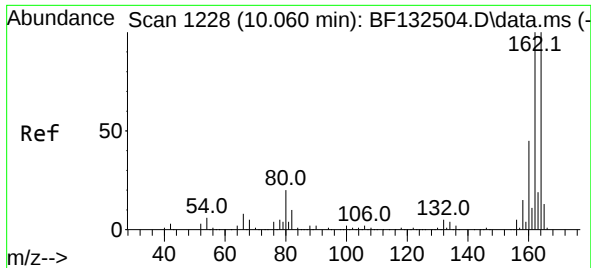
Tgt Ion: 82 Resp: 628691
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.910 ng
RT: 8.081 min Scan# 934
Delta R.T. 0.023 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

Tgt Ion: 122 Resp: 519
Ion Ratio Lower Upper
122 100
105 62.1 102.6 142.6#
77 64.6 70.2 110.2#

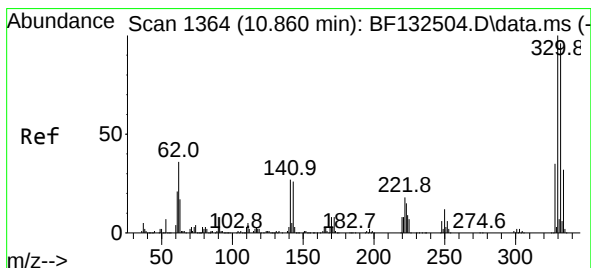
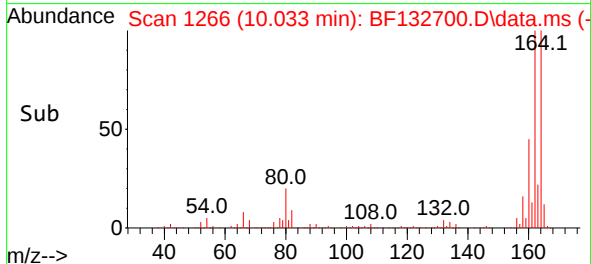
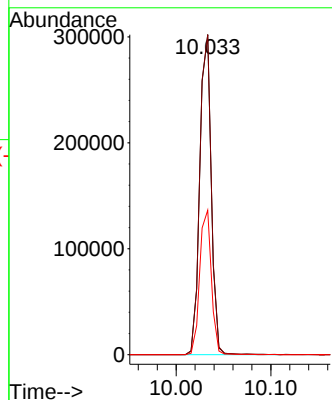
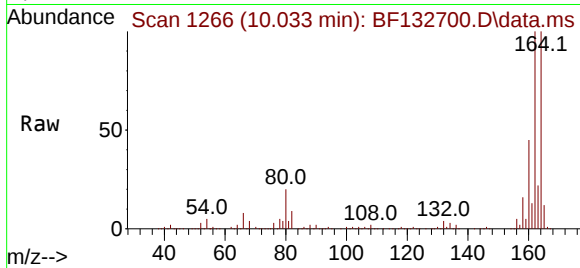




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

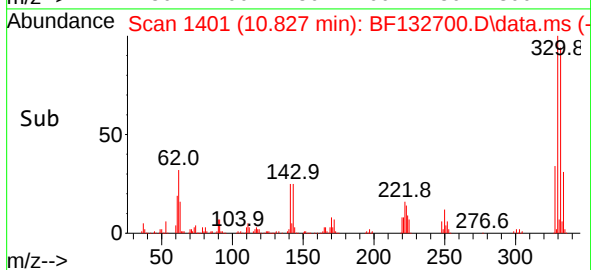
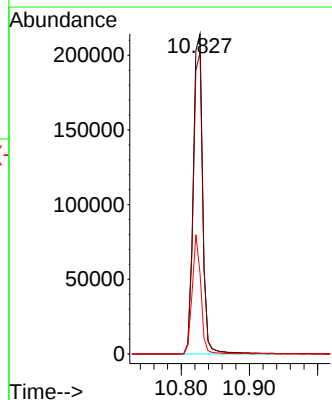
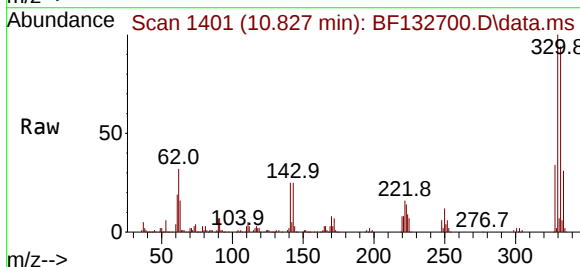
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ClientSampleId :
SS-07-20230306

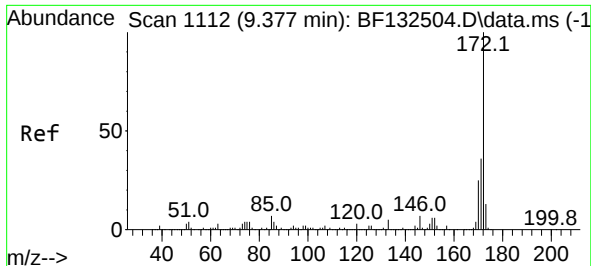
Tgt Ion:164 Resp: 254296
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 45.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 74.410 ng
RT: 10.827 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

Tgt Ion:330 Resp: 204351
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 33.9 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 62.150 ng

RT: 9.345 min Scan# 1112

Delta R.T. -0.012 min

Lab File: BF132700.D

Acq: 08 Mar 2023 20:32

Instrument :

BNA_F

ClientSampleId :

SS-07-20230306

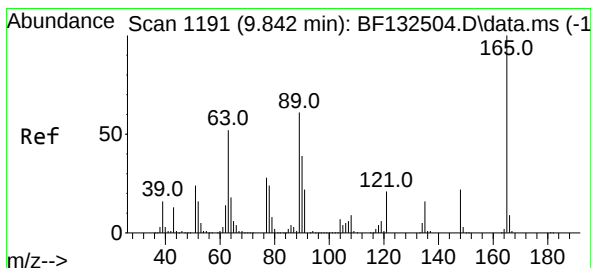
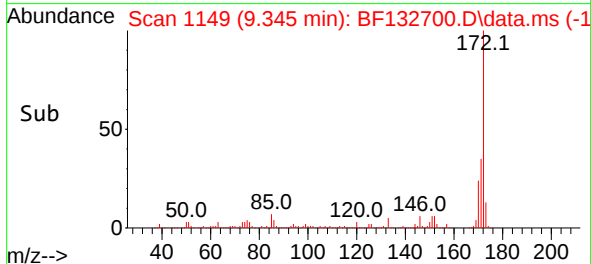
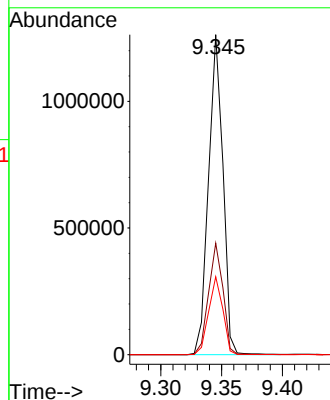
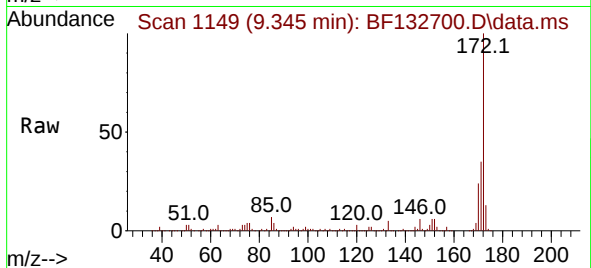
Tgt Ion:172 Resp: 1037952

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 24.3 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.858 ng

RT: 10.033 min Scan# 1266

Delta R.T. 0.212 min

Lab File: BF132700.D

Acq: 08 Mar 2023 20:32

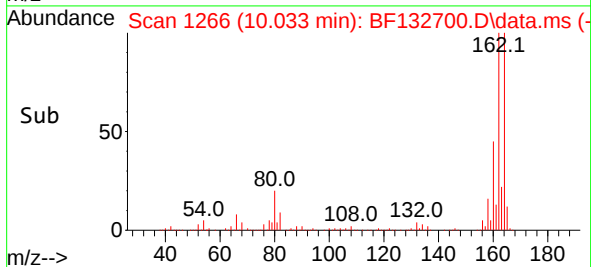
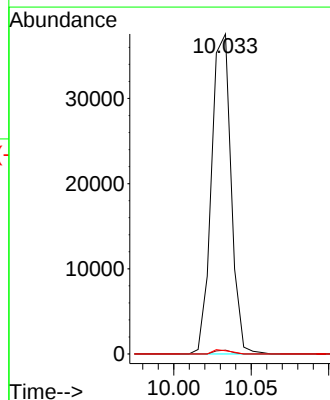
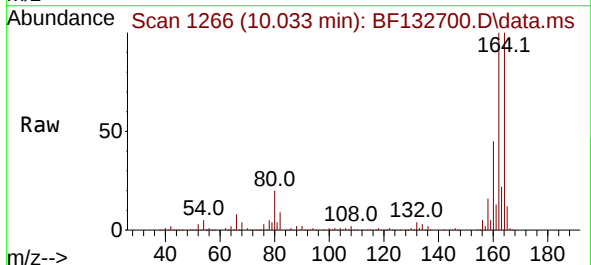
Tgt Ion:165 Resp: 33134

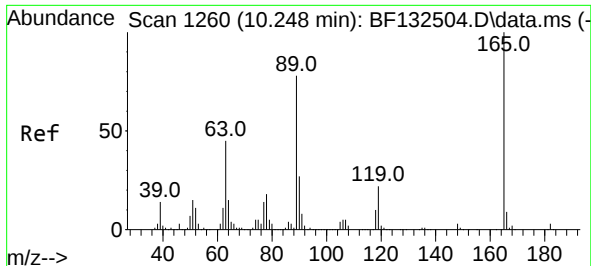
Ion Ratio Lower Upper

165 100

63 1.2 47.3 70.9#

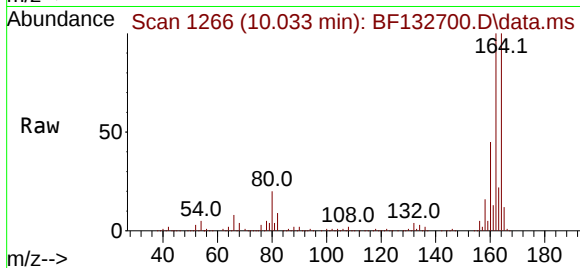
89 1.0 48.9 73.3#



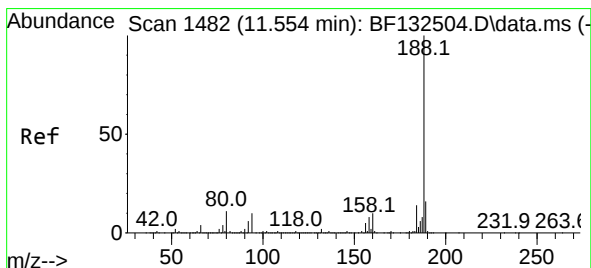
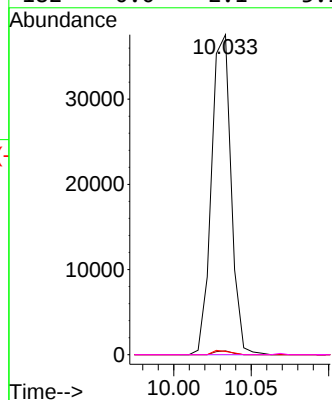
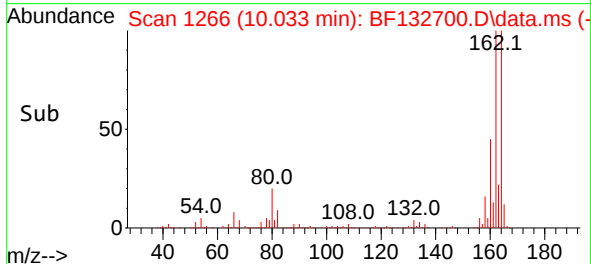


#57
2,4-Dinitrotoluene
Concen: 5.906 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

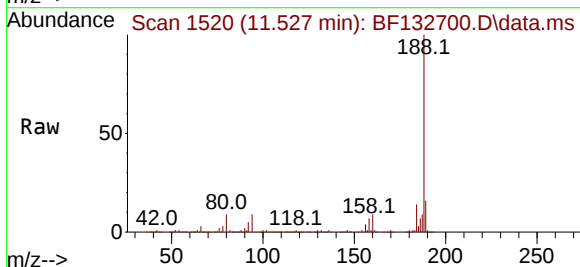
Instrument :
BNA_F
ClientSampleId :
SS-07-20230306



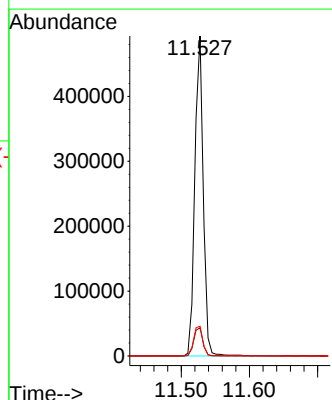
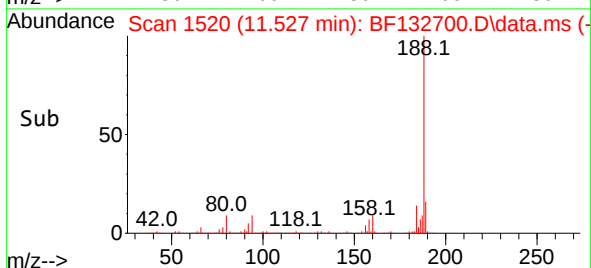
Tgt Ion:165 Resp: 33134
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 1.0 62.4 93.6#
182 0.0 2.1 3.1#

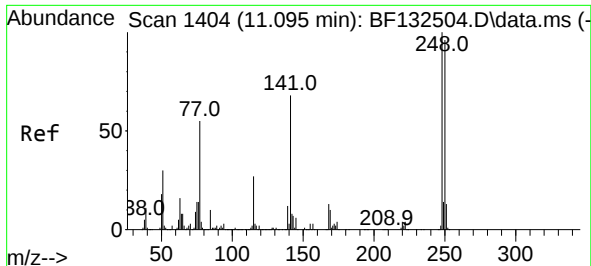


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32



Tgt Ion:188 Resp: 420429
Ion Ratio Lower Upper
188 100
94 8.8 8.3 12.5
80 9.3 8.7 13.1

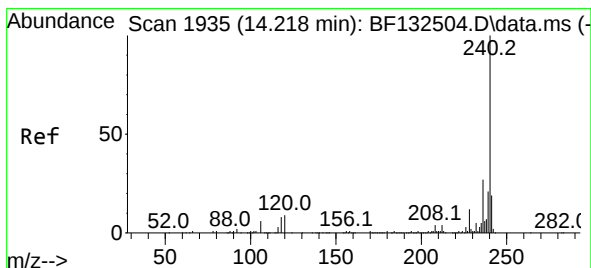
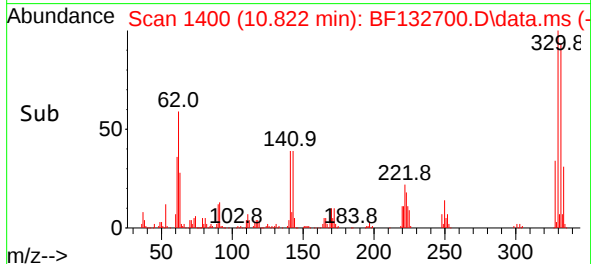
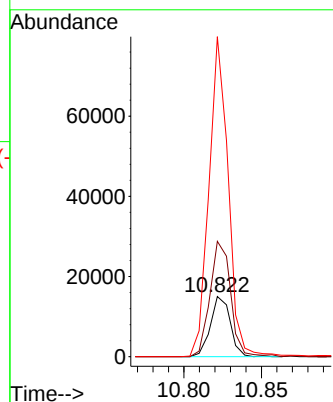
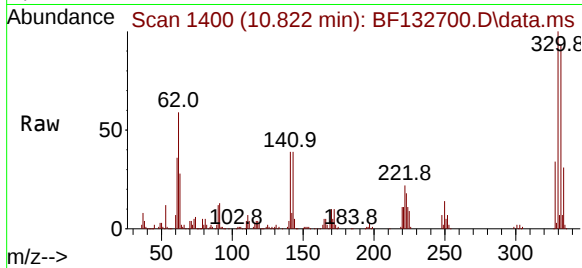




#67
4-Bromophenyl-phenylether
Concen: 2.807 ng
RT: 10.822 min Scan# 1400
Delta R.T. -0.253 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

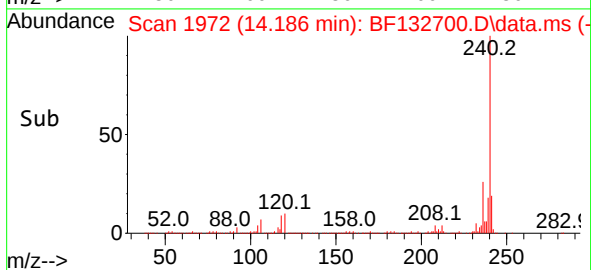
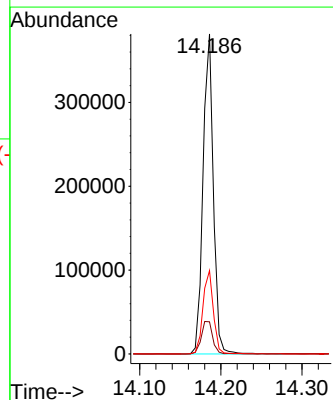
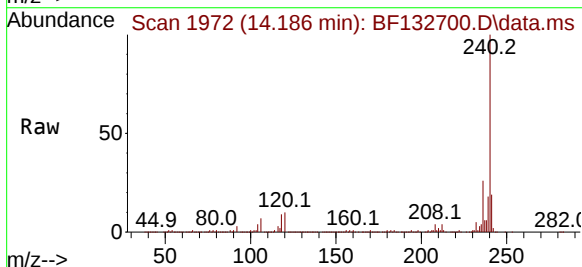
Instrument :
BNA_F
ClientSampleId :
SS-07-20230306

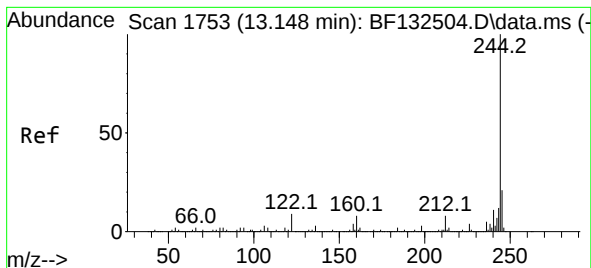
Tgt Ion:248 Resp: 13347
Ion Ratio Lower Upper
248 100
250 191.7 77.0 115.4#
141 531.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132700.D
Acq: 08 Mar 2023 20:32

Tgt Ion:240 Resp: 337104
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.1 21.8 32.6





#79

Terphenyl-d14

Concen: 46.889 ng

RT: 13.116 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF132700.D

Acq: 08 Mar 2023 20:32

Instrument :

BNA_F

ClientSampleId :

SS-07-20230306

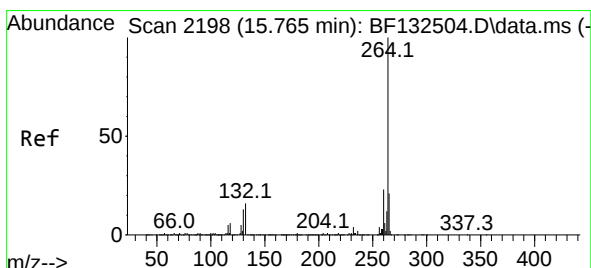
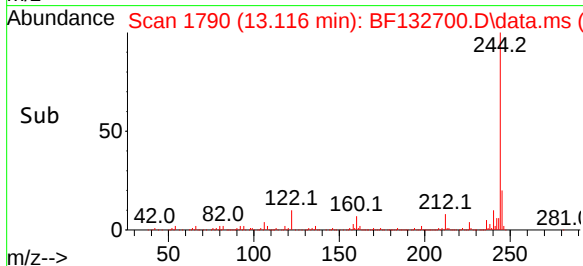
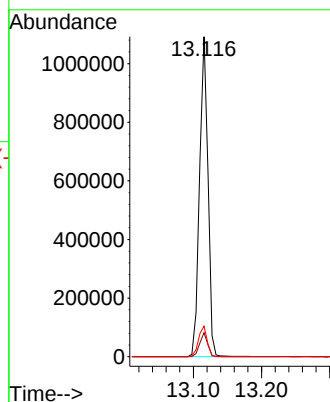
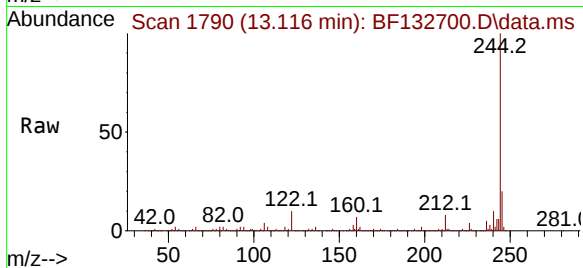
Tgt Ion:244 Resp: 934875

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 9.6 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. -0.012 min

Lab File: BF132700.D

Acq: 08 Mar 2023 20:32

Tgt Ion:264 Resp: 391956

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.6 17.1 25.7

