

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132711.D
 Acq On : 09 Mar 2023 11:15
 Operator : CG\JU
 Sample : PB151294TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 12:24:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 11:52:47 2023
 Response via : Initial Calibration

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

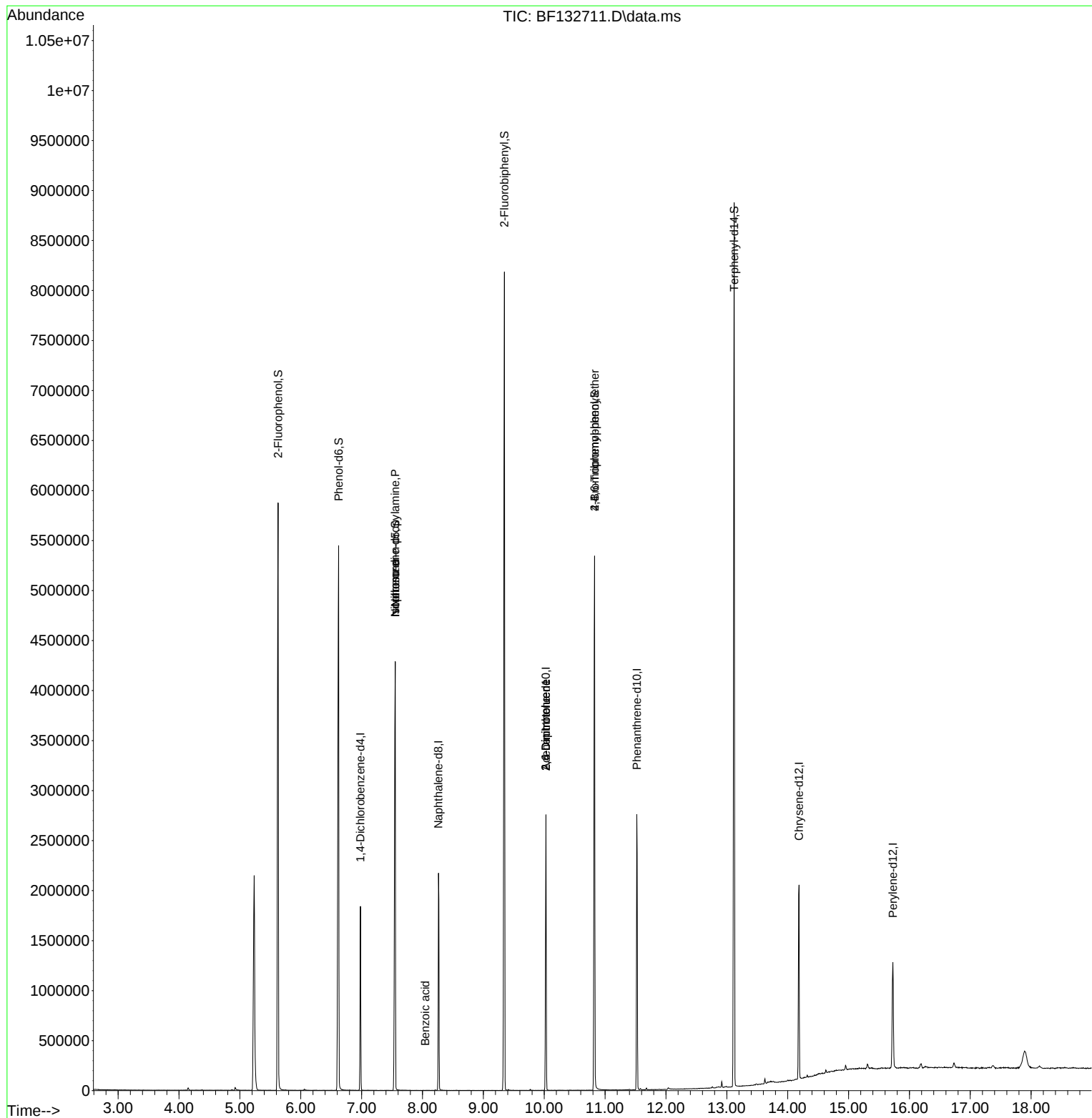
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	255201	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	948886	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	522120	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	1048156	20.000	ng	0.00
76) Chrysene-d12	14.186	240	694787	20.000	ng	0.00
86) Perylene-d12	15.727	264	536578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1814502	115.395	ng	0.02
7) Phenol-d6	6.622	99	2301058	112.128	ng	0.00
23) Nitrobenzene-d5	7.551	82	1583017	79.151	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	730930	129.628	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2589115	75.507	ng	0.00
79) Terphenyl-d14	13.121	244	3280721	79.835	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.551	70	209983	16.626	ng	# 75
25) Isophorone	7.551	82	1579980	41.205	ng	# 67
32) Benzoic acid	8.045	122	149	3.848	ng	# 34
51) 2,6-Dinitrotoluene	10.027	165	68872	7.955	ng	# 22
57) 2,4-Dinitrotoluene	10.027	165	68872	5.979	ng	# 21
67) 4-Bromophenyl-phenylether	10.827	248	45254	3.817	ng	# 1

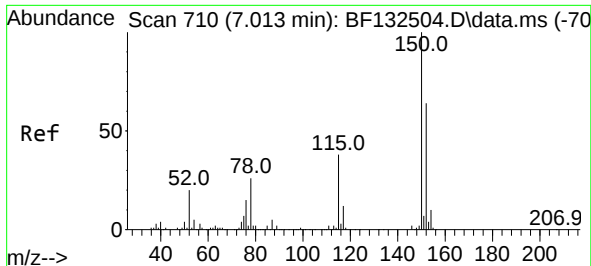
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132711.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :

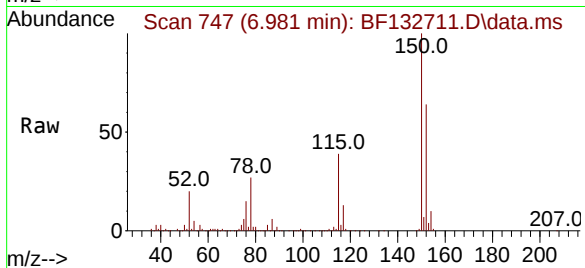
Quant Time: Mar 09 12:24:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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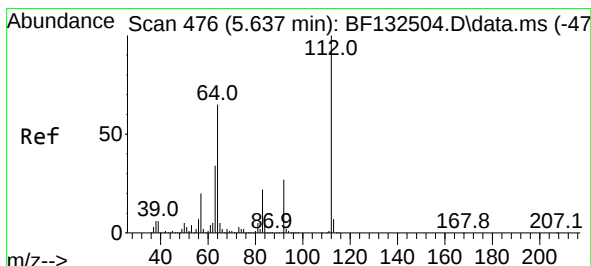
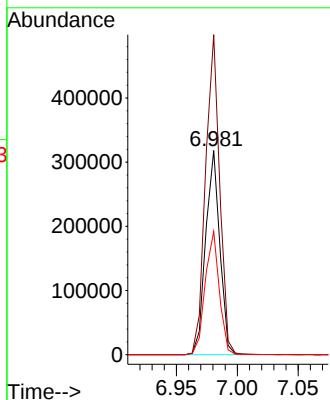
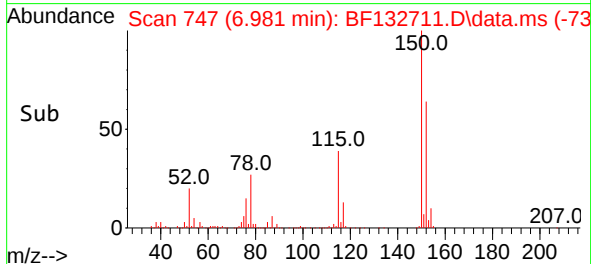


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15

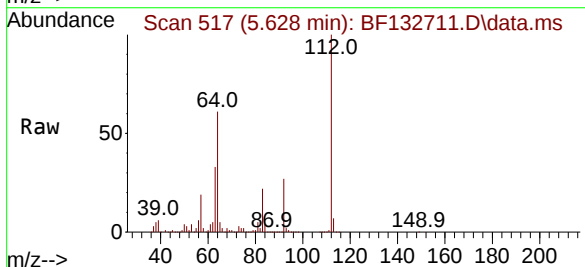
Instrument :
BNA_F
ClientSampleId :



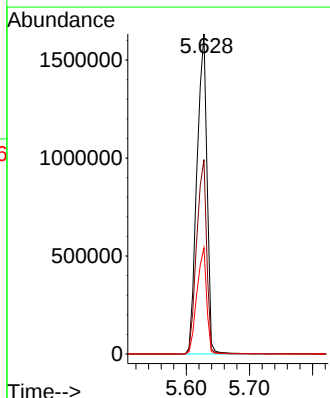
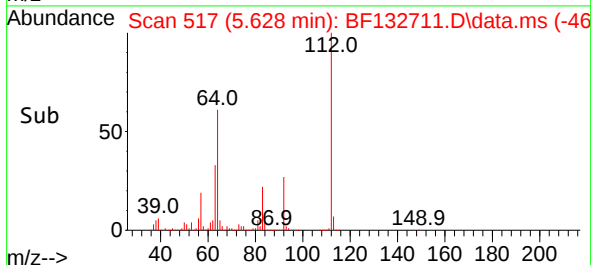
Tgt Ion:152 Resp: 255201
Ion Ratio Lower Upper
152 100
150 156.7 125.4 188.2
115 60.4 47.8 71.6

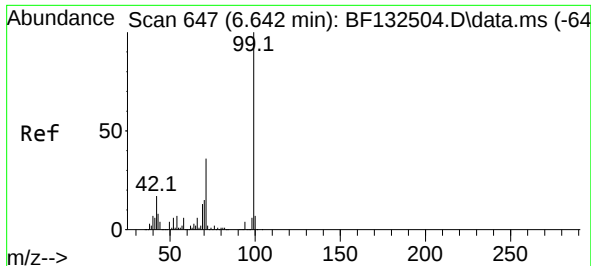


#5
2-Fluorophenol
Concen: 115.395 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.018 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15



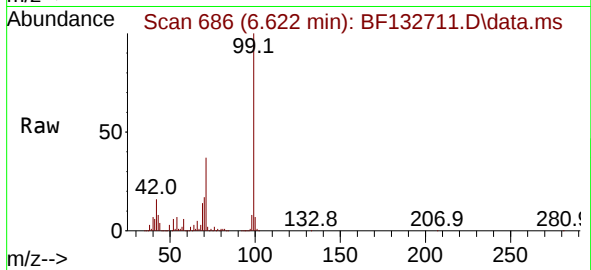
Tgt Ion:112 Resp: 1814502
Ion Ratio Lower Upper
112 100
64 60.7 51.6 77.4
63 33.2 27.4 41.2





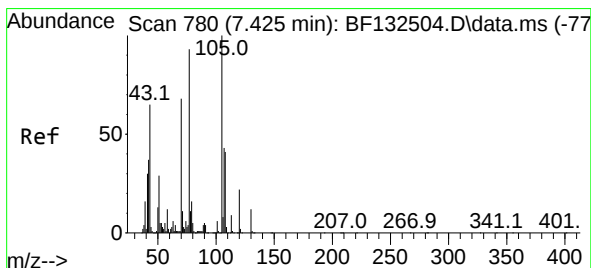
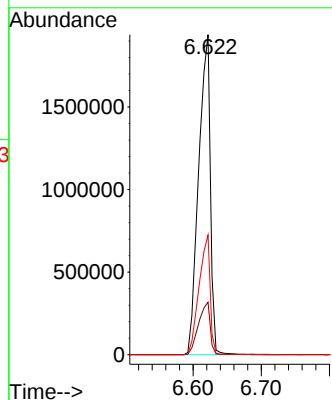
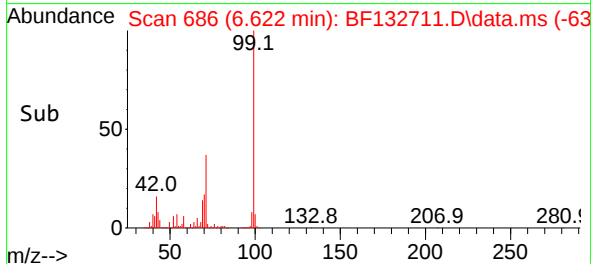
#7
Phenol-d6
Concen: 112.128 ng
RT: 6.622 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15

Instrument :
BNA_F
ClientSampleId :

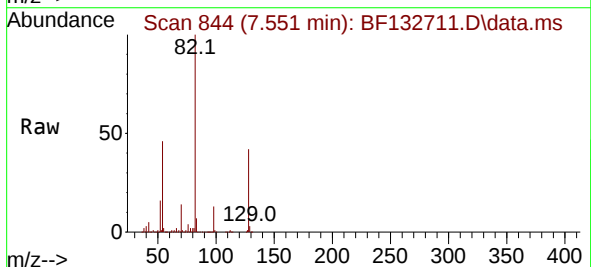


Tgt Ion: 99 Resp: 2301058

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.9	20.9
71	37.4	28.5	42.7

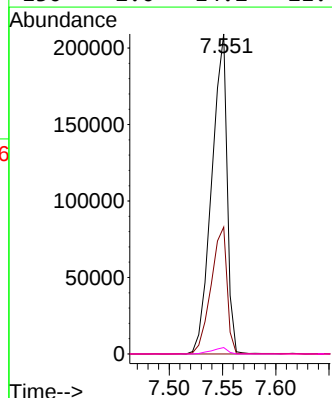
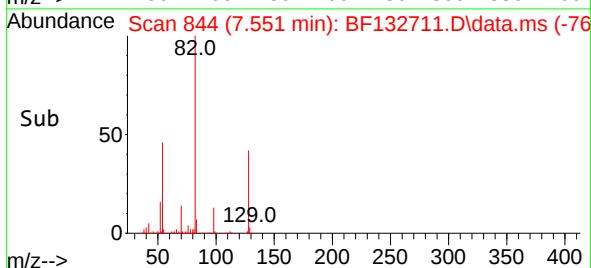


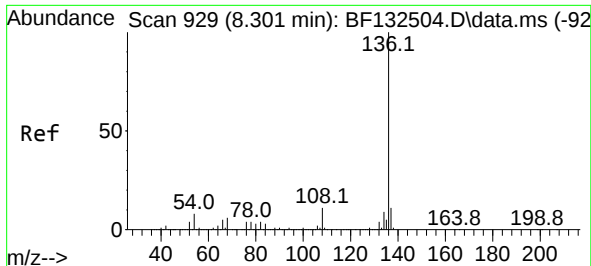
#19
n-Nitroso-di-n-propylamine
Concen: 16.626 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.153 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15



Tgt Ion: 70 Resp: 209983

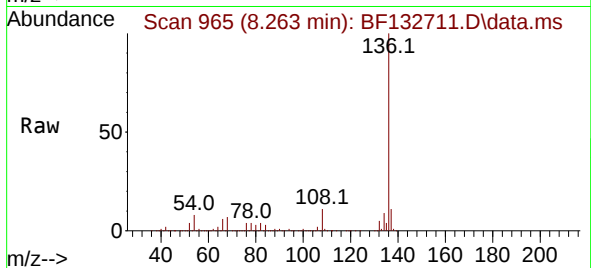
Ion	Ratio	Lower	Upper
70	100		
42	39.7	44.1	66.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



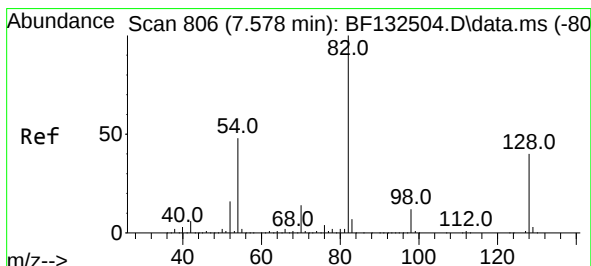
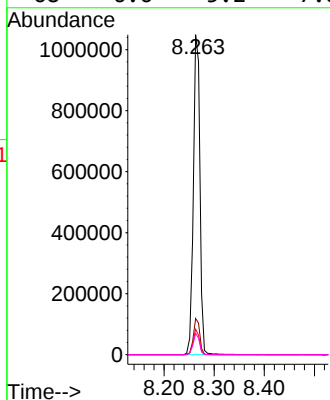
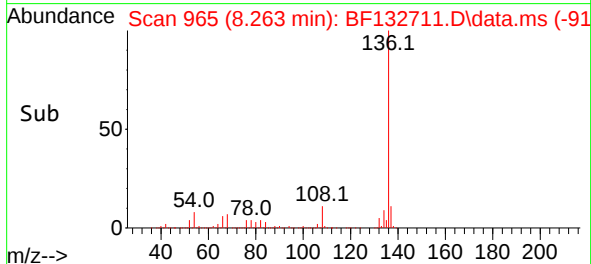


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15

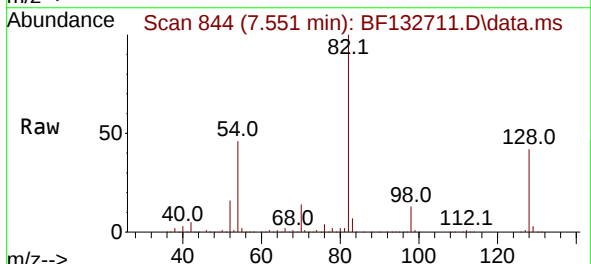
Instrument :
BNA_F
ClientSampleId :



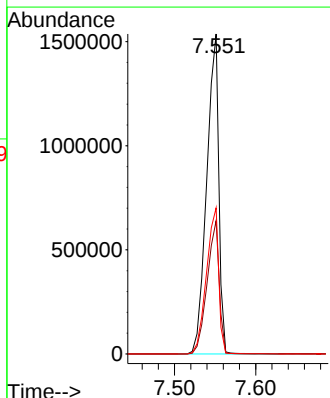
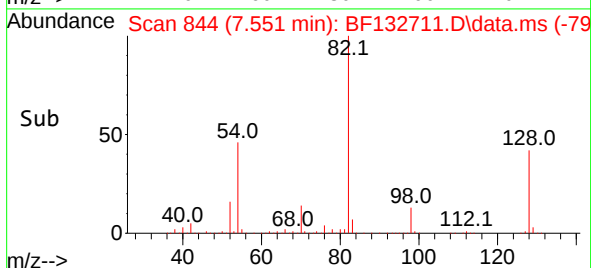
Tgt Ion:136 Resp: 948886
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.0 6.2 9.4
68 6.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 79.151 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15



Tgt Ion: 82 Resp: 1583017
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 45.6 38.4 57.6

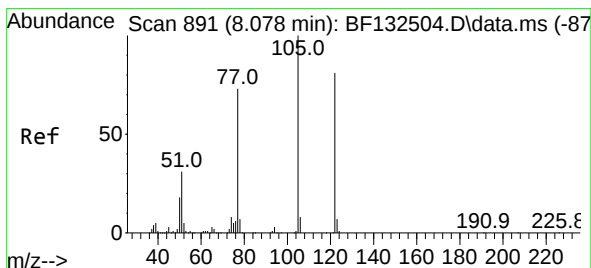
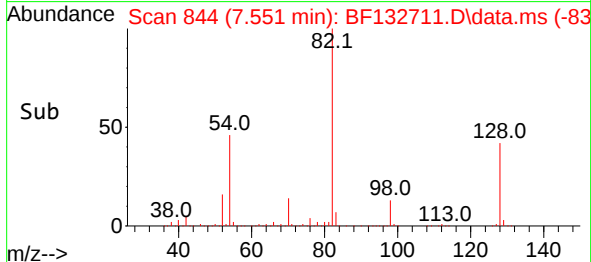
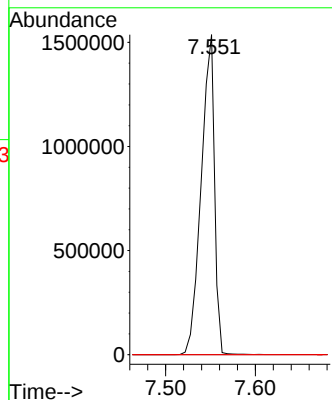
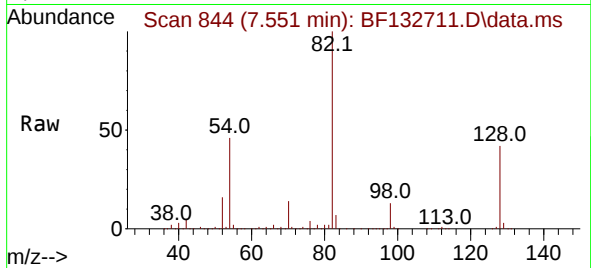




#25
Isophorone
Concen: 41.205 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15

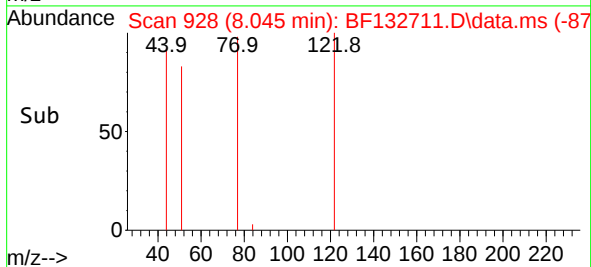
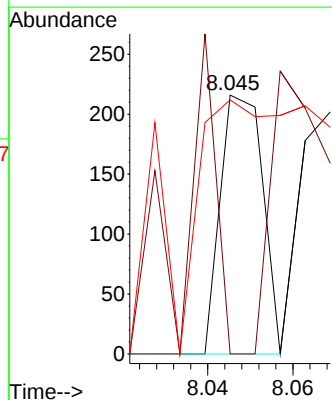
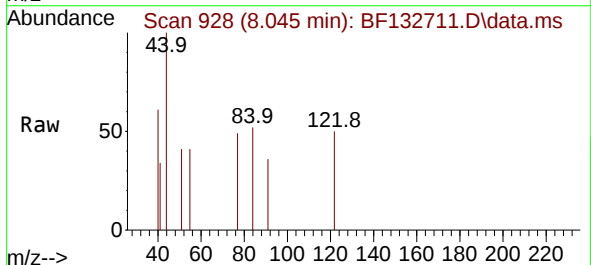
Instrument :
BNA_F
ClientSampleId :

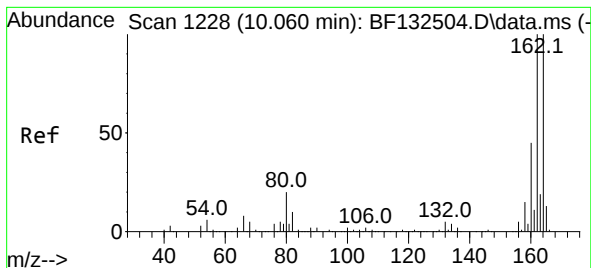
Tgt Ion: 82 Resp: 1579980
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.848 ng
RT: 8.045 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15

Tgt Ion: 122 Resp: 149
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 98.1 70.2 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.027 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF132711.D

Acq: 09 Mar 2023 11:15

Instrument :

BNA_F

ClientSampleId :

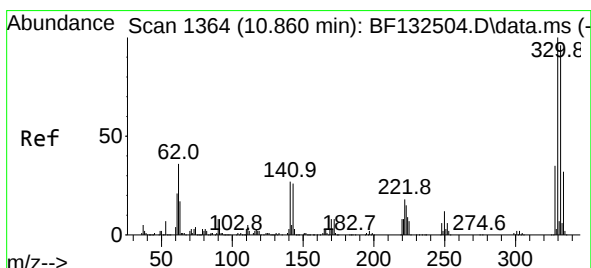
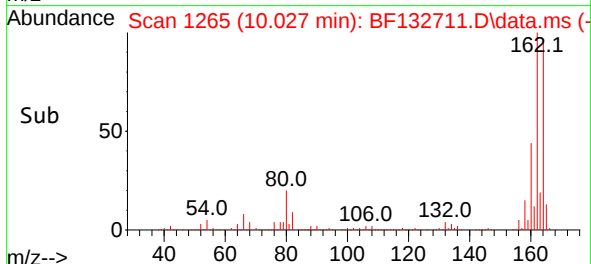
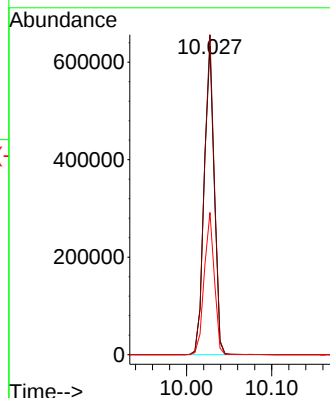
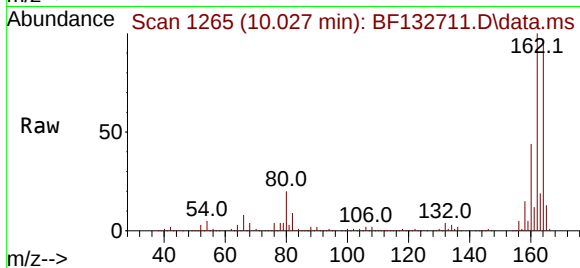
Tgt Ion:164 Resp: 522120

Ion Ratio Lower Upper

164 100

162 103.7 79.8 119.8

160 46.1 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 129.628 ng

RT: 10.827 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF132711.D

Acq: 09 Mar 2023 11:15

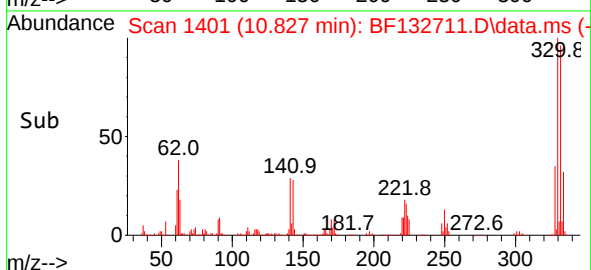
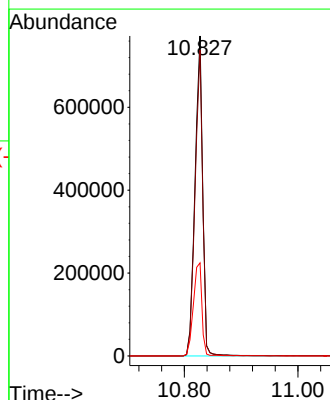
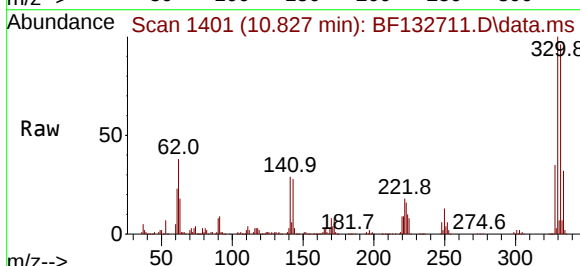
Tgt Ion:330 Resp: 730930

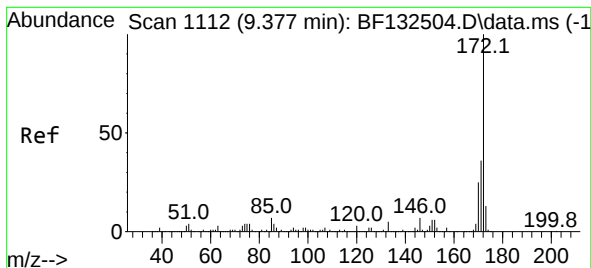
Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.4

141 32.3 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 75.507 ng

RT: 9.345 min Scan# 1112

Delta R.T. 0.000 min

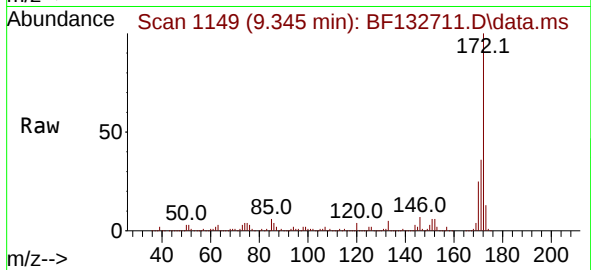
Lab File: BF132711.D

Acq: 09 Mar 2023 11:15

Instrument :

BNA_F

ClientSampleId :



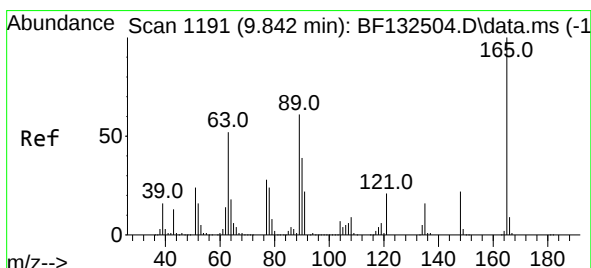
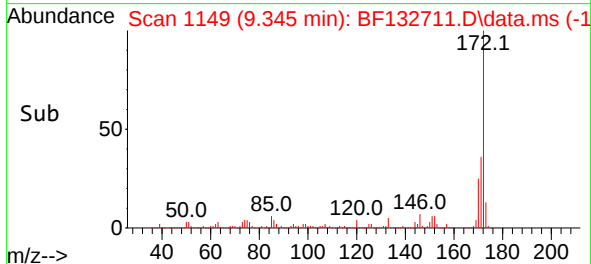
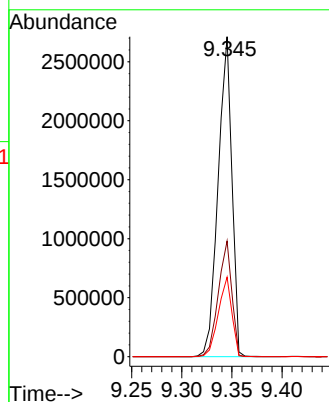
Tgt Ion:172 Resp: 2589115

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.8 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.955 ng

RT: 10.027 min Scan# 1265

Delta R.T. 0.212 min

Lab File: BF132711.D

Acq: 09 Mar 2023 11:15

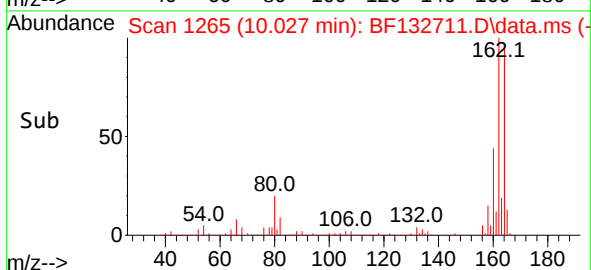
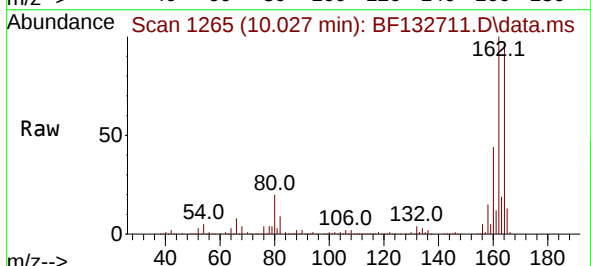
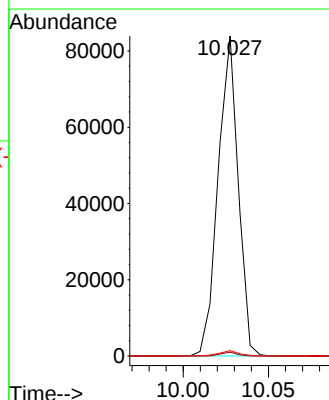
Tgt Ion:165 Resp: 68872

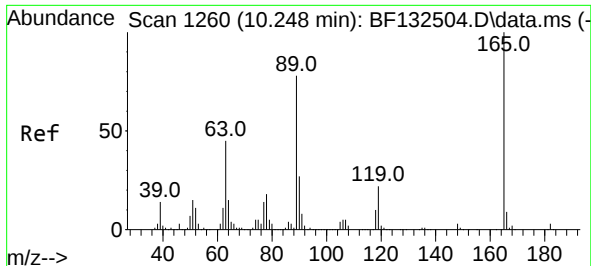
Ion Ratio Lower Upper

165 100

63 1.2 47.3 70.9#

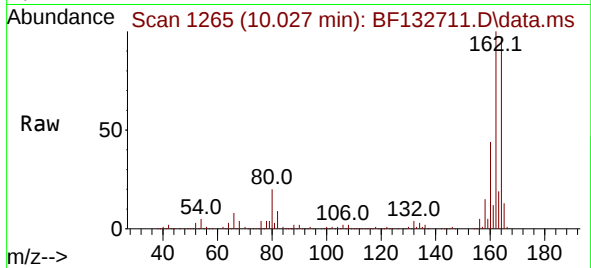
89 1.7 48.9 73.3#



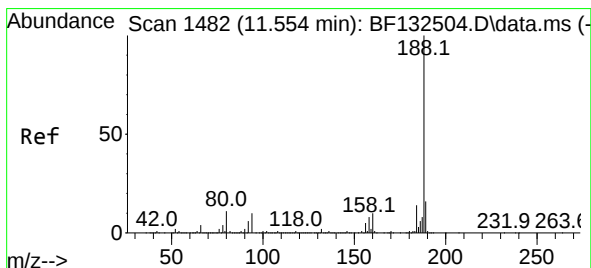
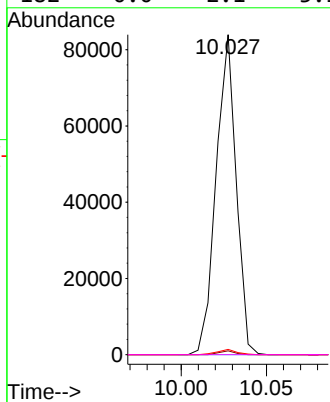
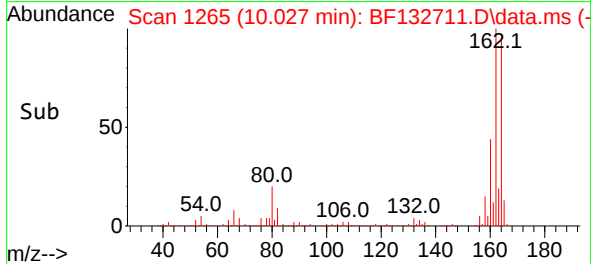


#57
2,4-Dinitrotoluene
Concen: 5.979 ng
RT: 10.027 min Scan# 1519
Delta R.T. -0.194 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15

Instrument :
BNA_F
ClientSampleId :

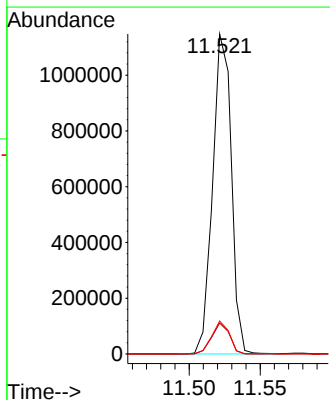
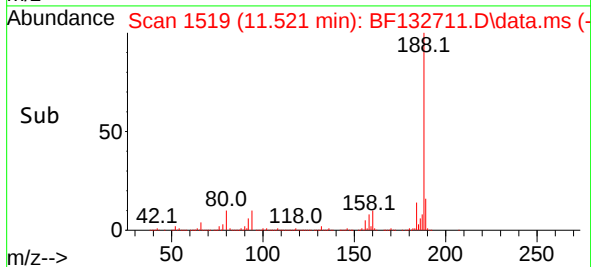
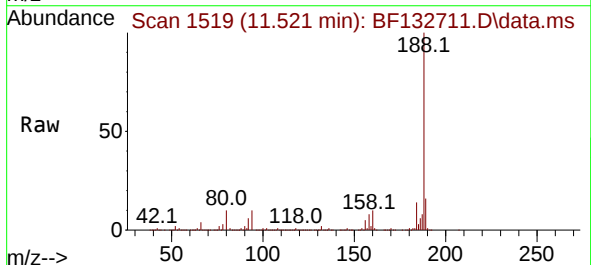


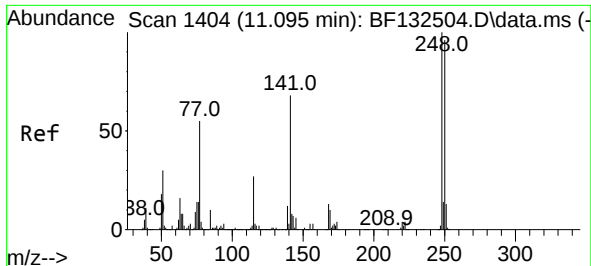
Tgt Ion:165 Resp: 68872
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 1.7 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.521 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15

Tgt Ion:188 Resp: 1048156
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.3 8.7 13.1

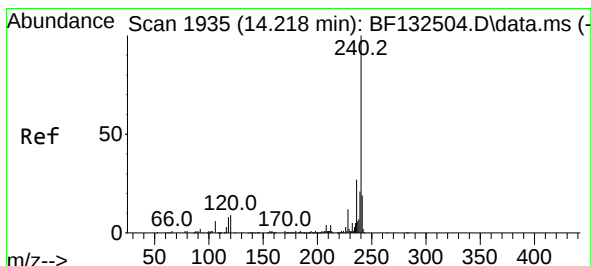
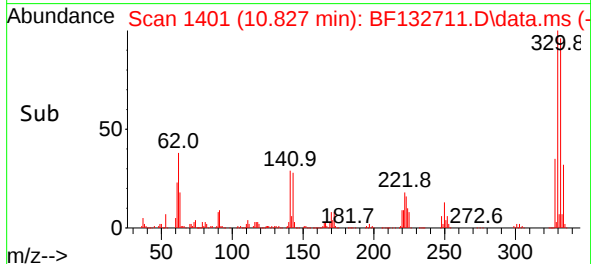
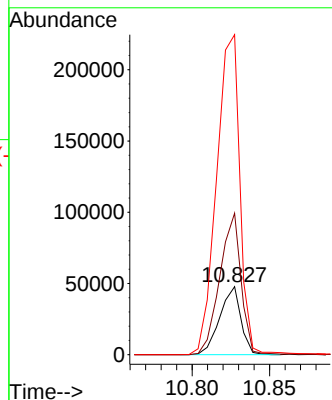
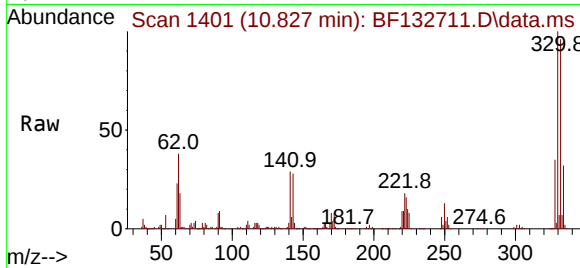




#67
4-Bromophenyl-phenylether
Concen: 3.817 ng
RT: 10.827 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15

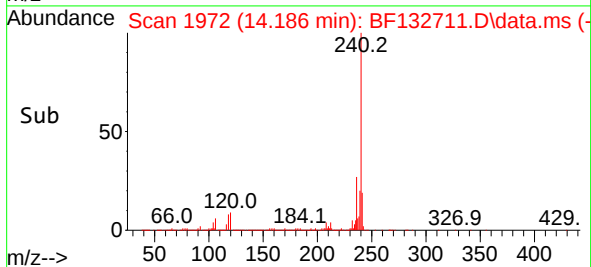
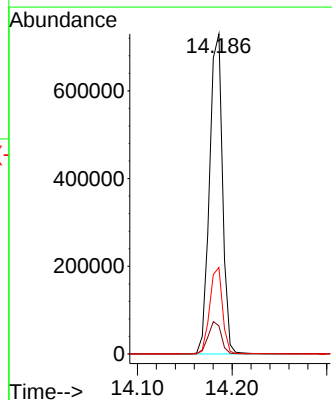
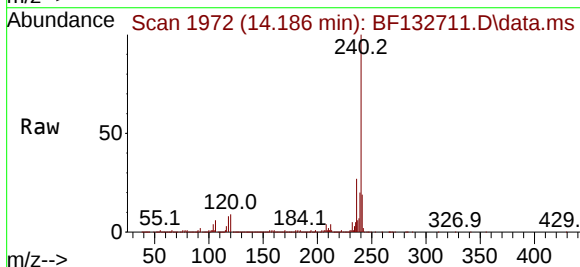
Instrument :
BNA_F
ClientSampleId :

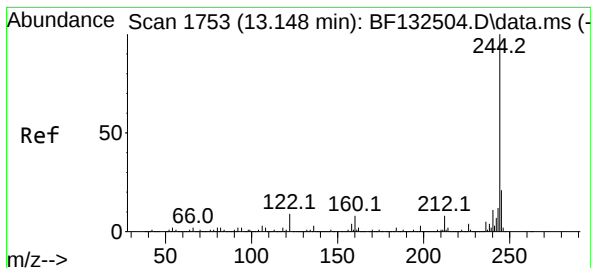
Tgt Ion:248 Resp: 45254
Ion Ratio Lower Upper
248 100
250 207.9 77.0 115.4#
141 470.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132711.D
Acq: 09 Mar 2023 11:15

Tgt Ion:240 Resp: 694787
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 27.0 21.8 32.6





#79

Terphenyl-d14

Concen: 79.835 ng

RT: 13.121 min Scan# 1

Delta R.T. 0.006 min

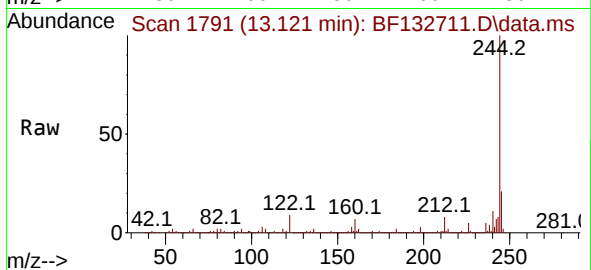
Lab File: BF132711.D

Acq: 09 Mar 2023 11:15

Instrument :

BNA_F

ClientSampleId :



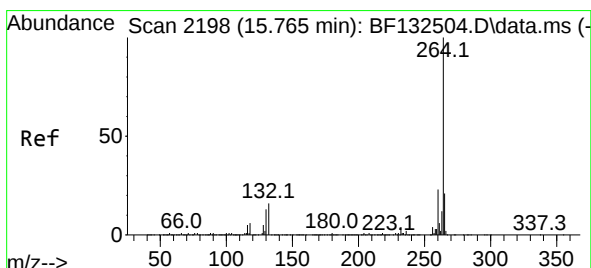
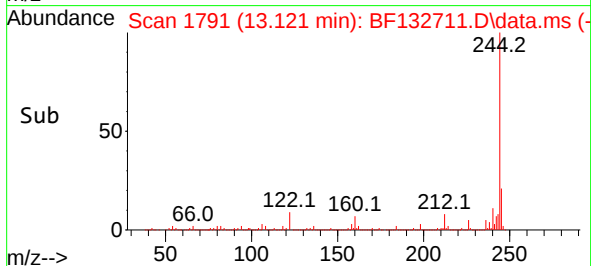
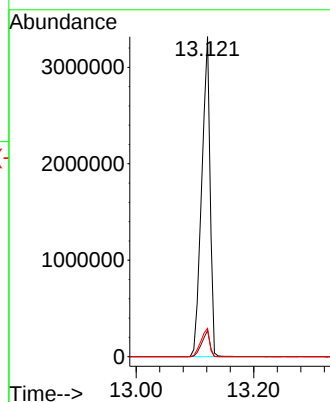
Tgt Ion:244 Resp: 3280721

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 8.9 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF132711.D

Acq: 09 Mar 2023 11:15

Tgt Ion:264 Resp: 536578

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.0 17.1 25.7

