

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132735.D
 Acq On : 10 Mar 2023 11:44
 Operator : CG\JU
 Sample : PB151310BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151329BL

Quant Time: Mar 10 12:05:04 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 16:26:19 2023
 Response via : Initial Calibration

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

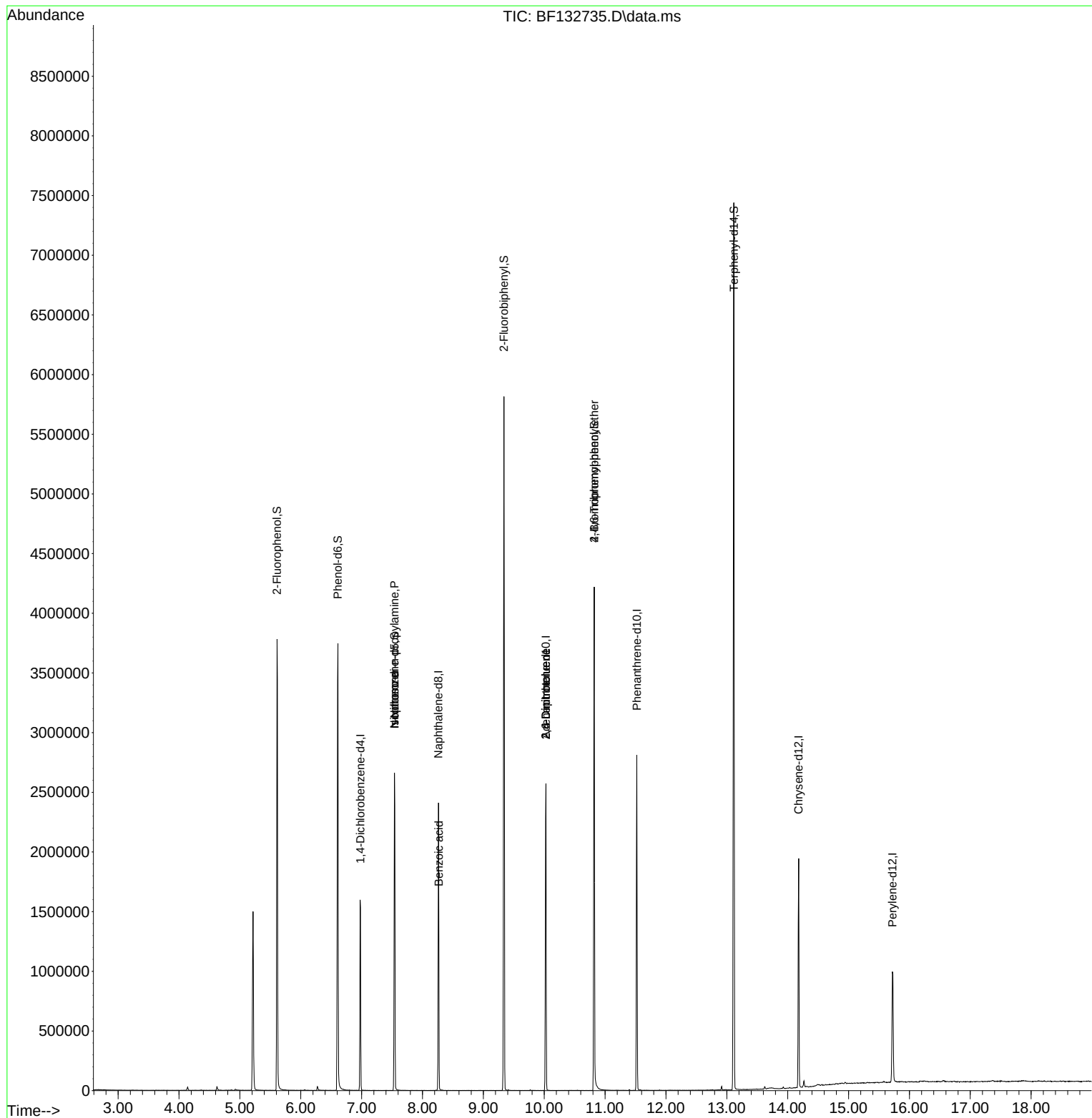
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	258830	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	967953	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	527723	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	994357	20.000	ng	0.00
76) Chrysene-d12	14.180	240	618009	20.000	ng	0.00
86) Perylene-d12	15.721	264	467225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1144902	71.790	ng	0.00
7) Phenol-d6	6.610	99	1443979	69.377	ng	-0.01
23) Nitrobenzene-d5	7.539	82	936960	45.925	ng	-0.02
42) 2,4,6-Tribromophenol	10.822	330	531769	93.306	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1730961	49.944	ng	0.00
79) Terphenyl-d14	13.116	244	2711530	74.182	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.539	70	121256	9.466	ng	# 76
25) Isophorone	7.539	82	935489	23.916	ng	# 67
32) Benzoic acid	8.269	122	229	3.854	ng	# 1
51) 2,6-Dinitrotoluene	10.028	165	69646	7.959	ng	# 22
57) 2,4-Dinitrotoluene	10.028	165	69646	5.982	ng	# 21
67) 4-Bromophenyl-phenylether	10.822	248	32800	2.916	ng	# 1

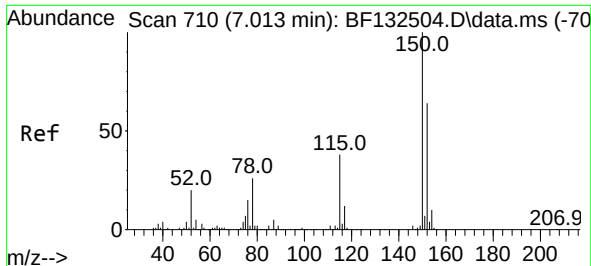
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132735.D
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Sample : PB151310BL
Misc :
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Instrument :
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Quant Time: Mar 10 12:05:04 2023
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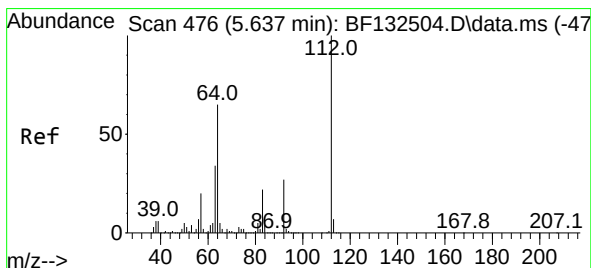
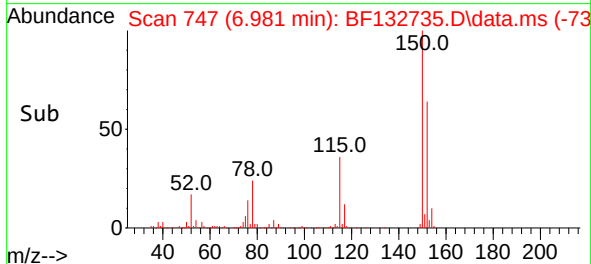
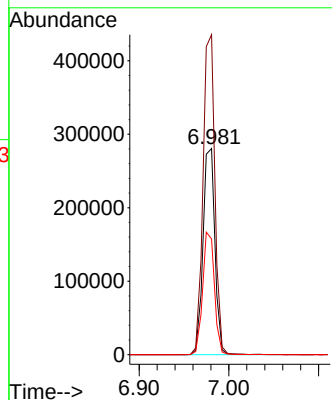
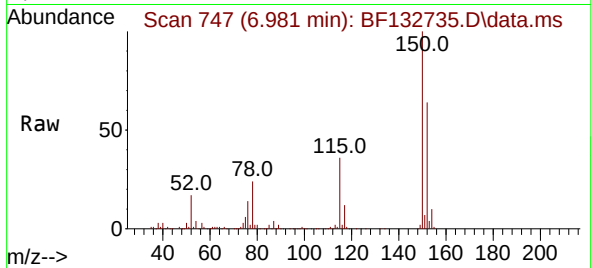




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: BF132735.D
 Acq: 10 Mar 2023 11:44

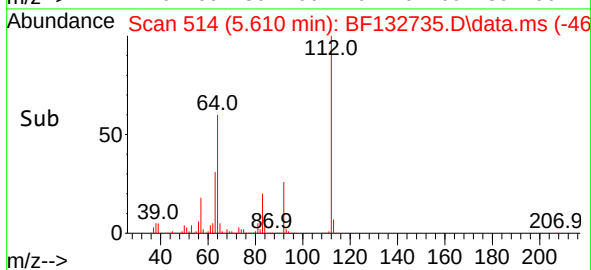
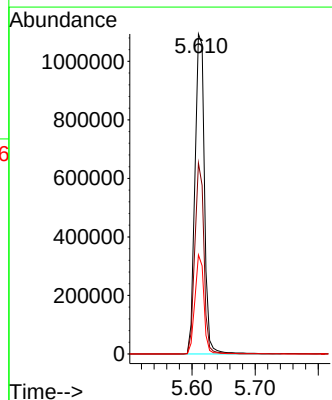
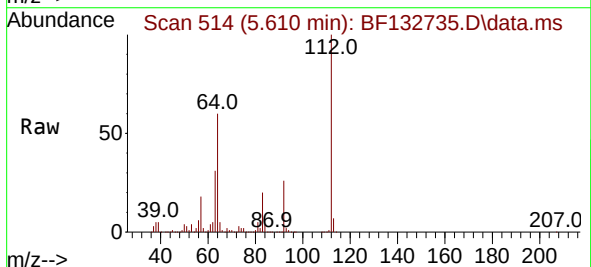
Instrument :
 BNA_F
 ClientSampleId :
 PB151329BL

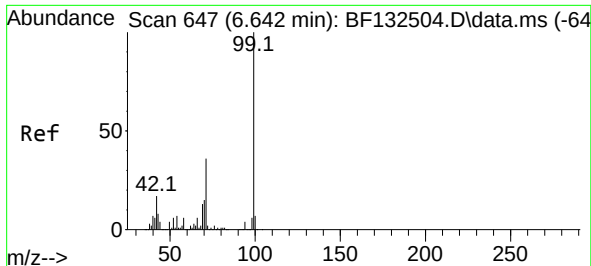
Tgt Ion:152 Resp: 258830
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.4 188.2
 115 56.1 47.8 71.6



#5
 2-Fluorophenol
 Concen: 71.790 ng
 RT: 5.610 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF132735.D
 Acq: 10 Mar 2023 11:44

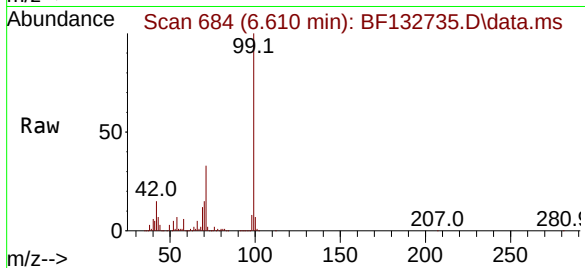
Tgt Ion:112 Resp: 1144902
 Ion Ratio Lower Upper
 112 100
 64 59.7 51.6 77.4
 63 30.9 27.4 41.2





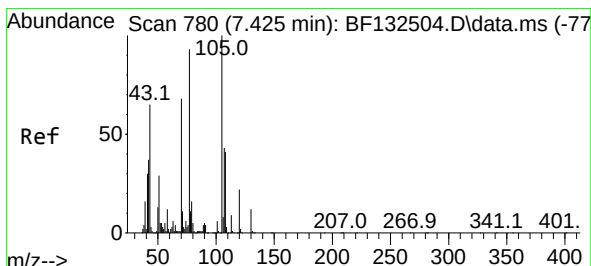
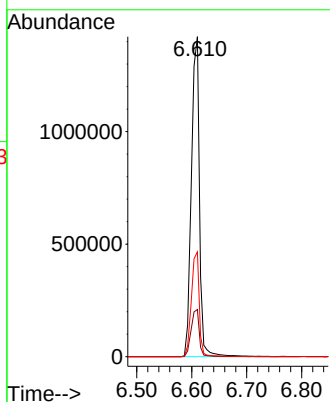
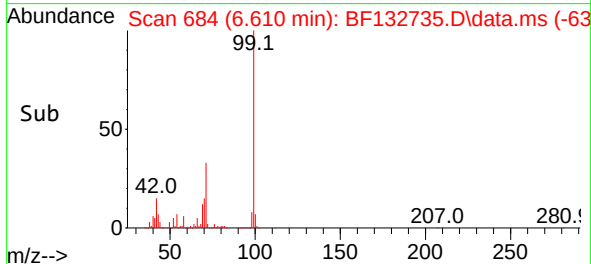
#7
Phenol-d6
Concen: 69.377 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132735.D
Acq: 10 Mar 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB151329BL

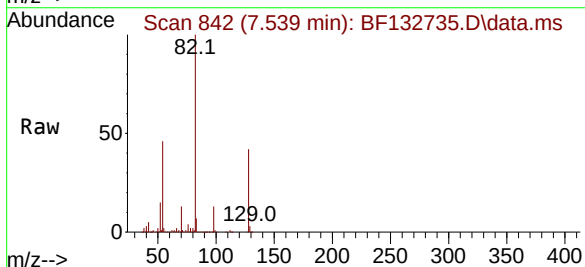


Tgt Ion: 99 Resp: 1443979

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.9	20.9
71	32.8	28.5	42.7

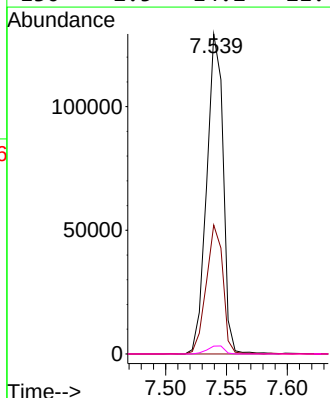
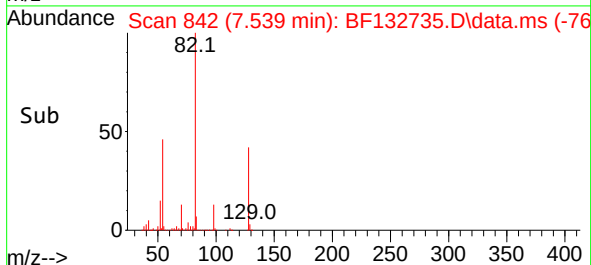


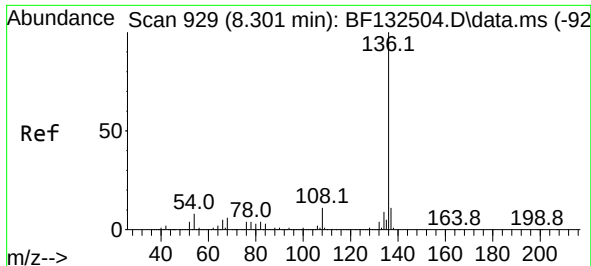
#19
n-Nitroso-di-n-propylamine
Concen: 9.466 ng
RT: 7.539 min Scan# 842
Delta R.T. 0.141 min
Lab File: BF132735.D
Acq: 10 Mar 2023 11:44



Tgt Ion: 70 Resp: 121256

Ion	Ratio	Lower	Upper
70	100		
42	40.3	44.1	66.1#
101	0.0	7.4	11.2#
130	2.5	14.2	21.4#



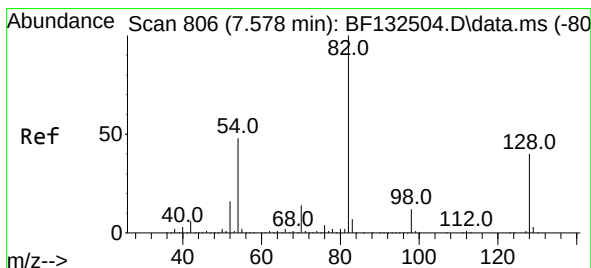
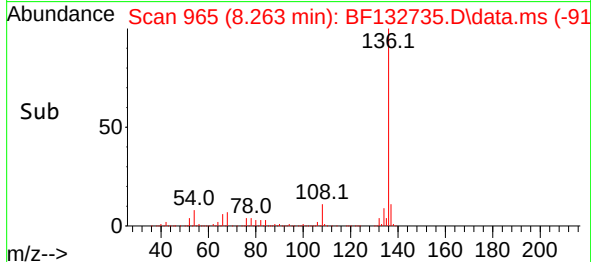
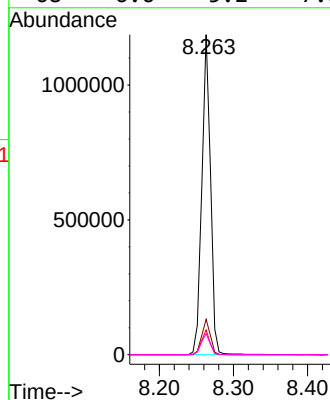
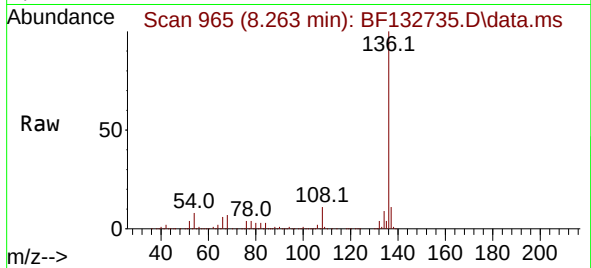


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132735.D
Acq: 10 Mar 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB151329BL

Tgt Ion:136 Resp: 967953

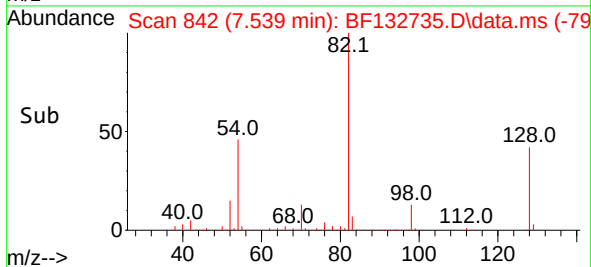
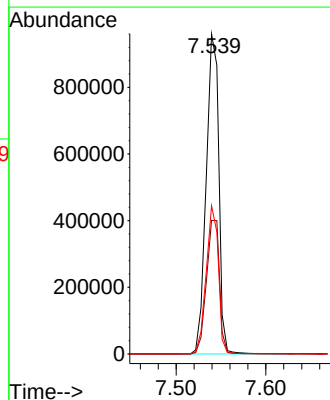
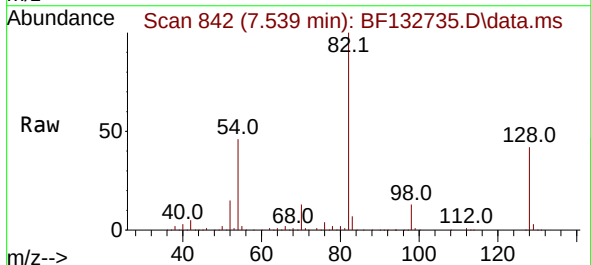
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.2	9.4
68	6.6	5.2	7.8

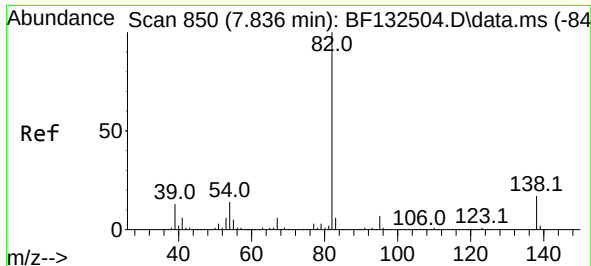


#23
Nitrobenzene-d5
Concen: 45.925 ng
RT: 7.539 min Scan# 842
Delta R.T. -0.018 min
Lab File: BF132735.D
Acq: 10 Mar 2023 11:44

Tgt Ion: 82 Resp: 936960

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.2	48.2
54	46.3	38.4	57.6

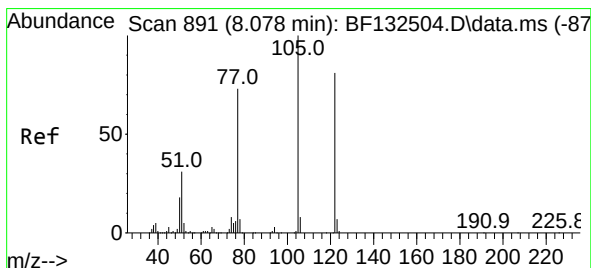
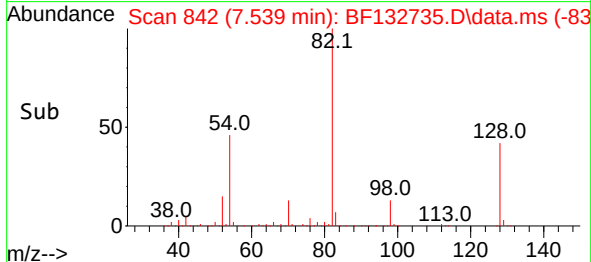
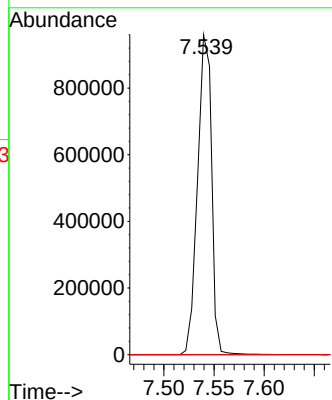
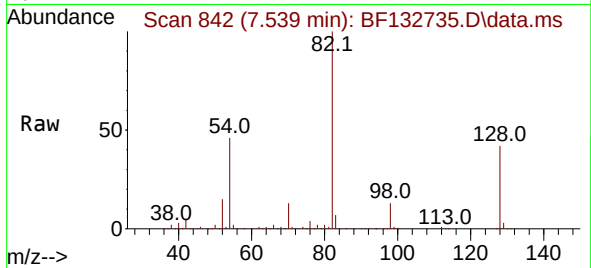




#25
Isophorone
Concen: 23.916 ng
RT: 7.539 min Scan# 84
Delta R.T. -0.270 min
Lab File: BF132735.D
Acq: 10 Mar 2023 11:44

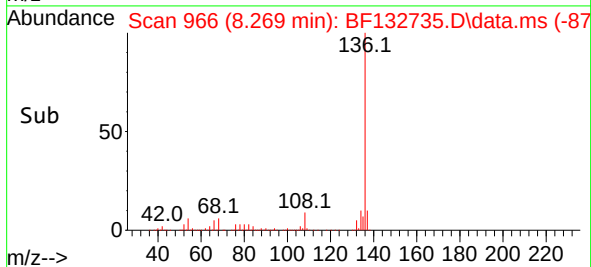
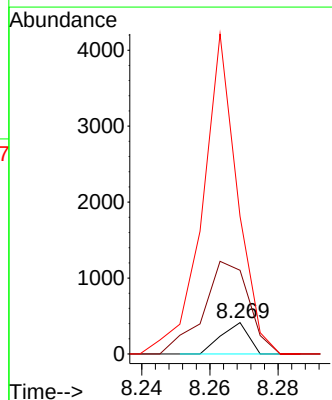
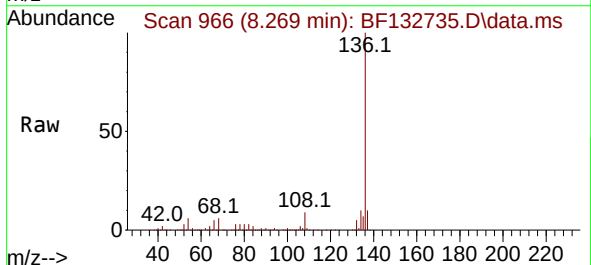
Instrument :
BNA_F
ClientSampleId :
PB151329BL

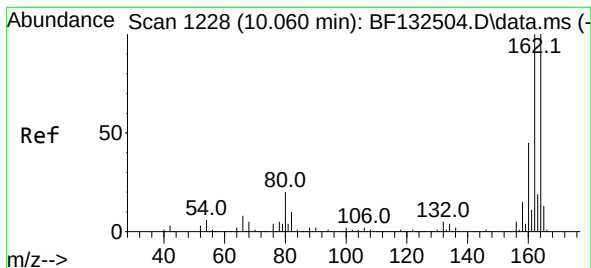
Tgt Ion: 82 Resp: 935489
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.854 ng
RT: 8.269 min Scan# 966
Delta R.T. 0.218 min
Lab File: BF132735.D
Acq: 10 Mar 2023 11:44

Tgt Ion: 122 Resp: 229
Ion Ratio Lower Upper
122 100
105 266.8 102.6 142.6#
77 438.7 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132735.D

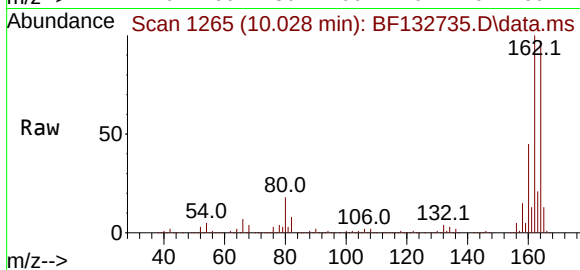
Acq: 10 Mar 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB151329BL



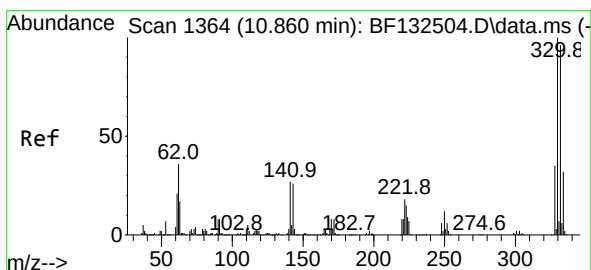
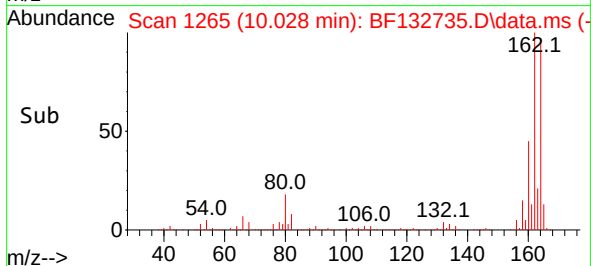
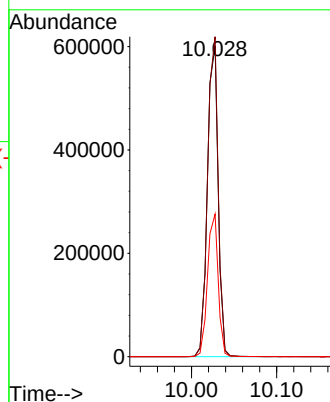
Tgt Ion:164 Resp: 527723

Ion Ratio Lower Upper

164 100

162 103.0 79.8 119.8

160 45.9 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 93.306 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF132735.D

Acq: 10 Mar 2023 11:44

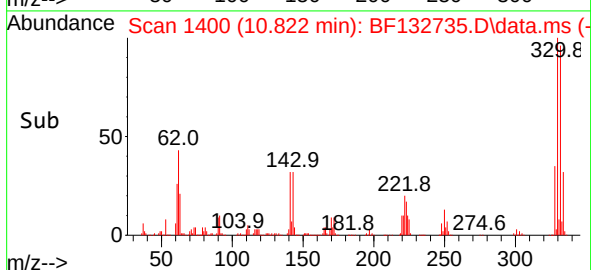
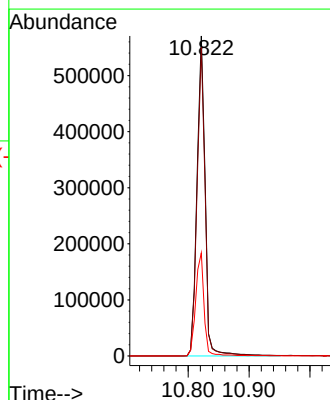
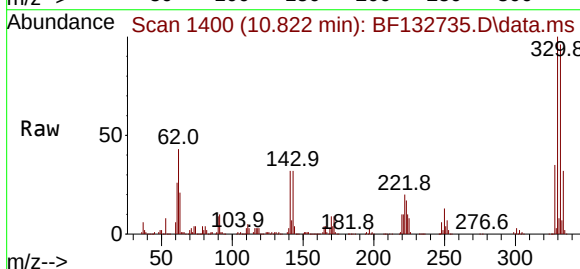
Tgt Ion:330 Resp: 531769

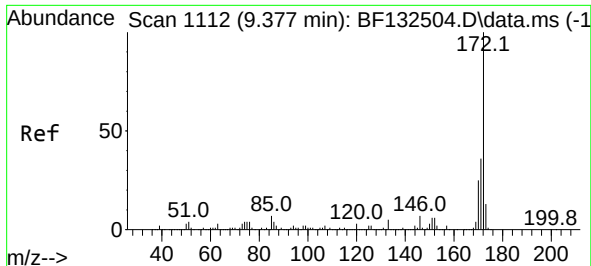
Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 33.3 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 49.944 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132735.D

Acq: 10 Mar 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB151329BL

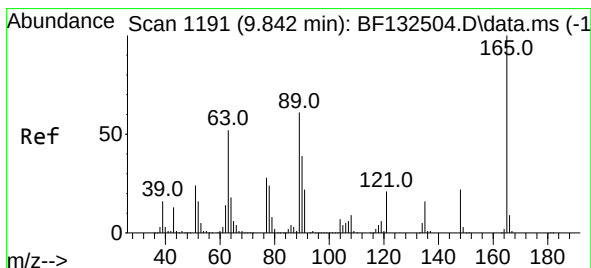
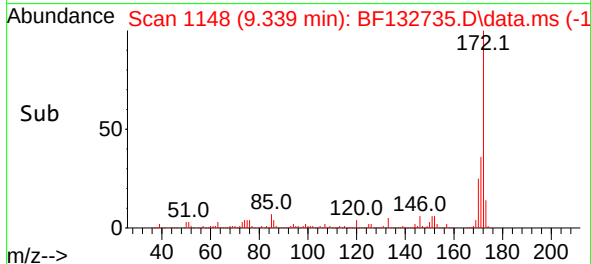
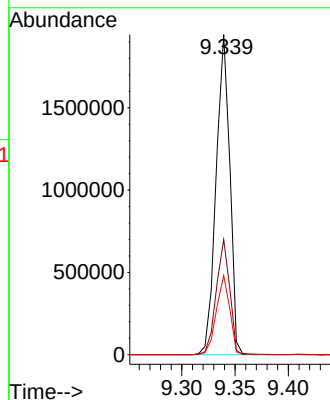
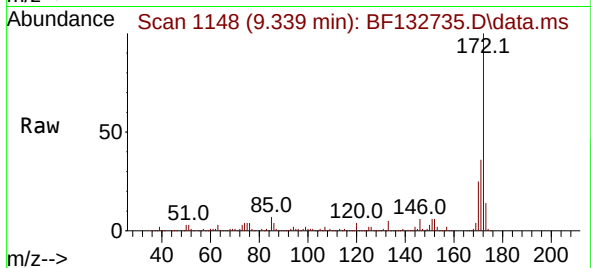
Tgt Ion:172 Resp: 1730961

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.7 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.959 ng

RT: 10.028 min Scan# 1265

Delta R.T. 0.212 min

Lab File: BF132735.D

Acq: 10 Mar 2023 11:44

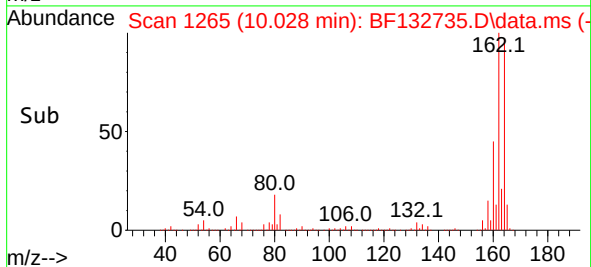
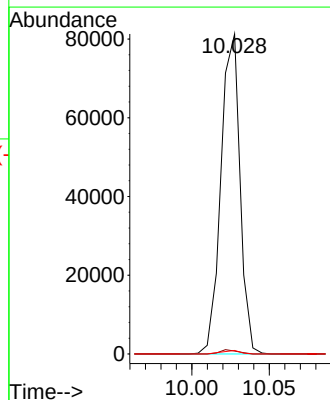
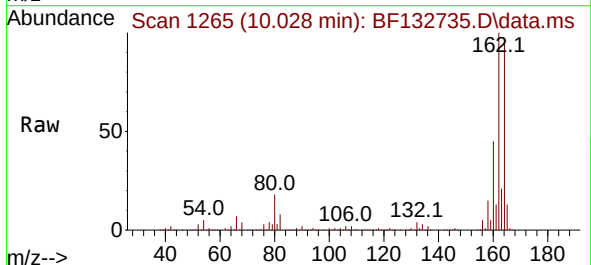
Tgt Ion:165 Resp: 69646

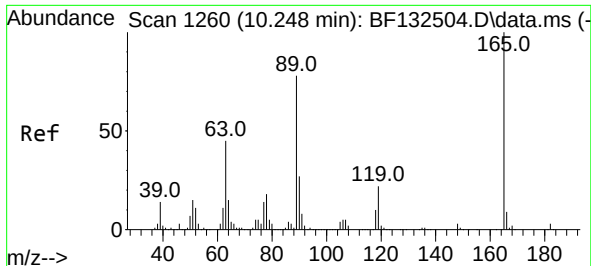
Ion Ratio Lower Upper

165 100

63 0.9 47.3 70.9#

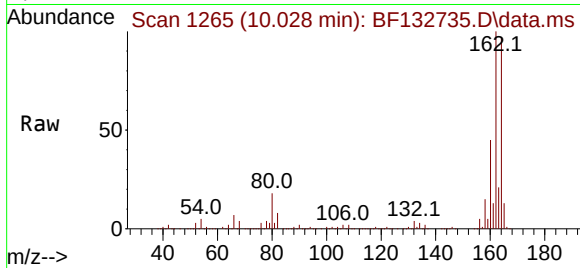
89 1.1 48.9 73.3#



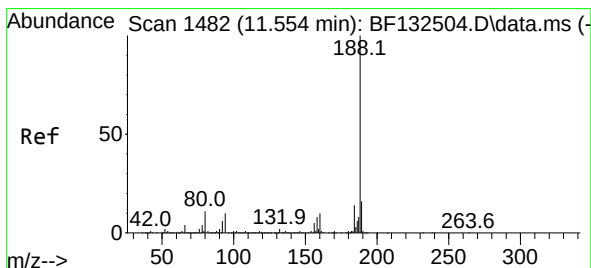
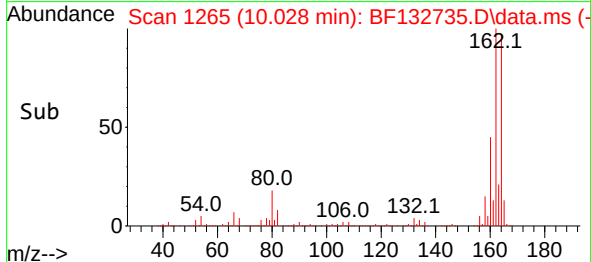
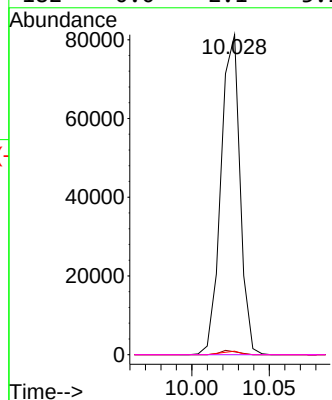


#57
2,4-Dinitrotoluene
Concen: 5.982 ng
RT: 10.028 min Scan# 1519
Delta R.T. -0.194 min
Lab File: BF132735.D
Acq: 10 Mar 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB151329BL

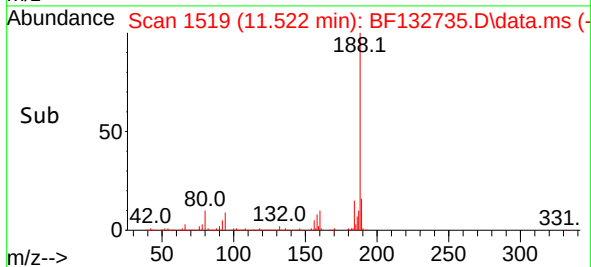
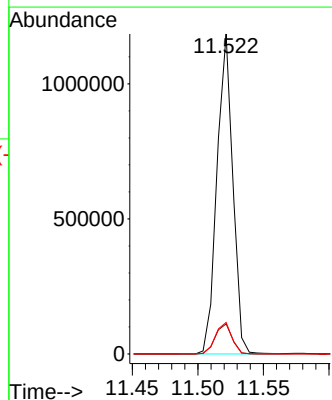
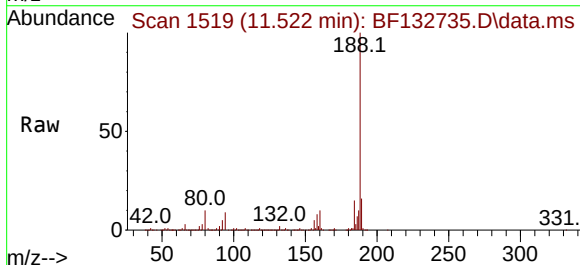


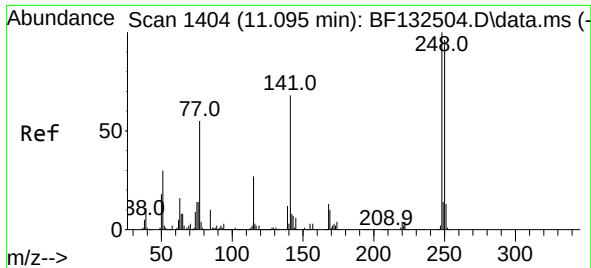
Tgt Ion:165 Resp: 69646
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF132735.D
Acq: 10 Mar 2023 11:44

Tgt Ion:188 Resp: 994357
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 9.9 8.7 13.1

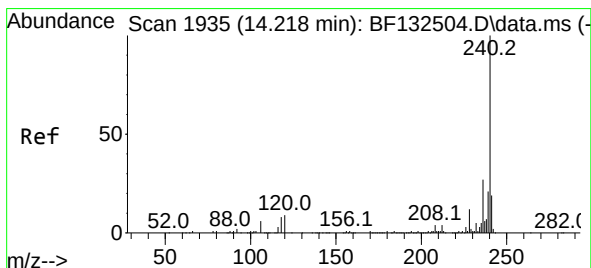
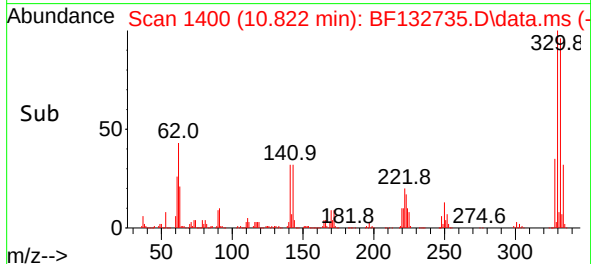
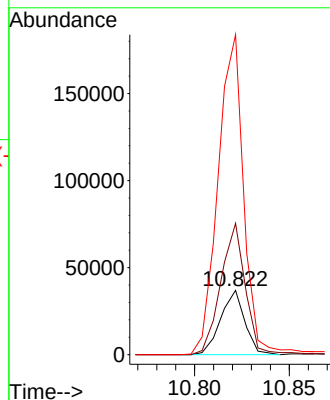
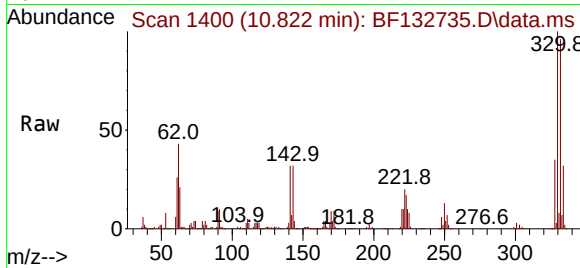




#67
4-Bromophenyl-phenylether
Concen: 2.916 ng
RT: 10.822 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF132735.D
Acq: 10 Mar 2023 11:44

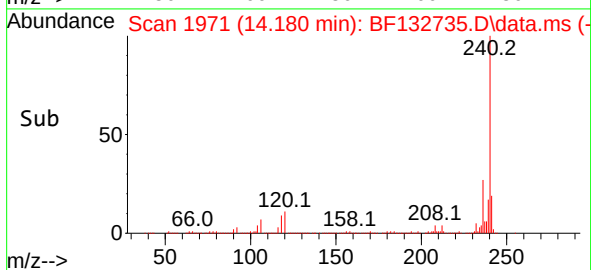
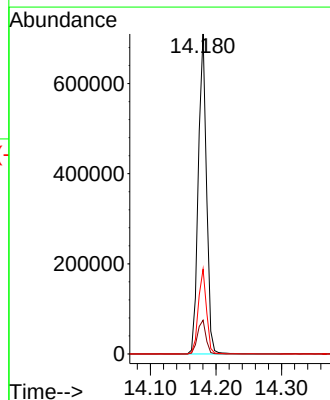
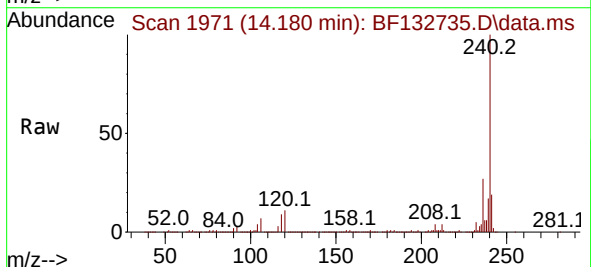
Instrument :
BNA_F
ClientSampleId :
PB151329BL

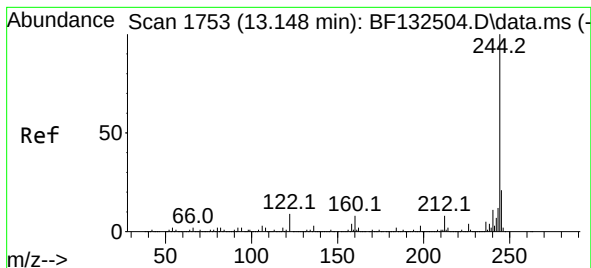
Tgt Ion:248 Resp: 32800
Ion Ratio Lower Upper
248 100
250 204.4 77.0 115.4#
141 497.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132735.D
Acq: 10 Mar 2023 11:44

Tgt Ion:240 Resp: 618009
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 26.5 21.8 32.6





#79

Terphenyl-d14

Concen: 74.182 ng

RT: 13.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132735.D

Acq: 10 Mar 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB151329BL

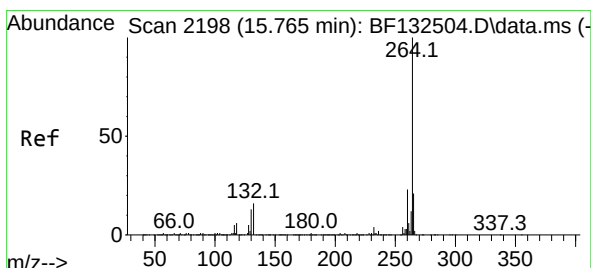
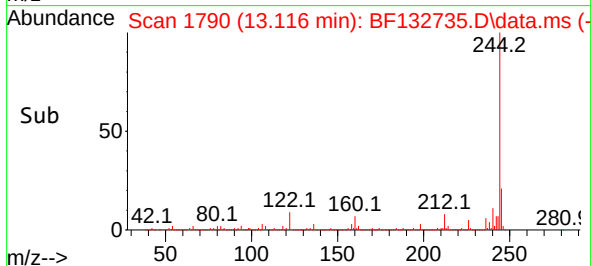
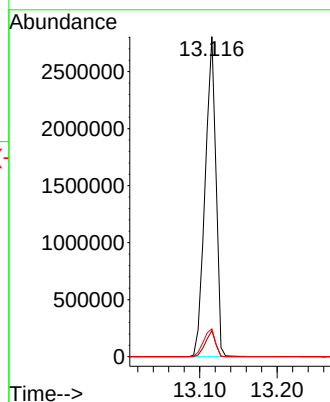
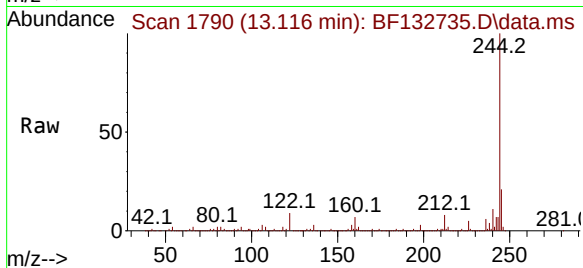
Tgt Ion:244 Resp: 2711530

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 8.7 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.721 min Scan# 2233

Delta R.T. -0.006 min

Lab File: BF132735.D

Acq: 10 Mar 2023 11:44

Tgt Ion:264 Resp: 467225

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.6 17.1 25.7

