

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132798.D
 Acq On : 15 Mar 2023 12:25
 Operator : CG\JU
 Sample : PB151405BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151405BL

Quant Time: Mar 15 12:55:58 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 14 15:35:42 2023
 Response via : Initial Calibration

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

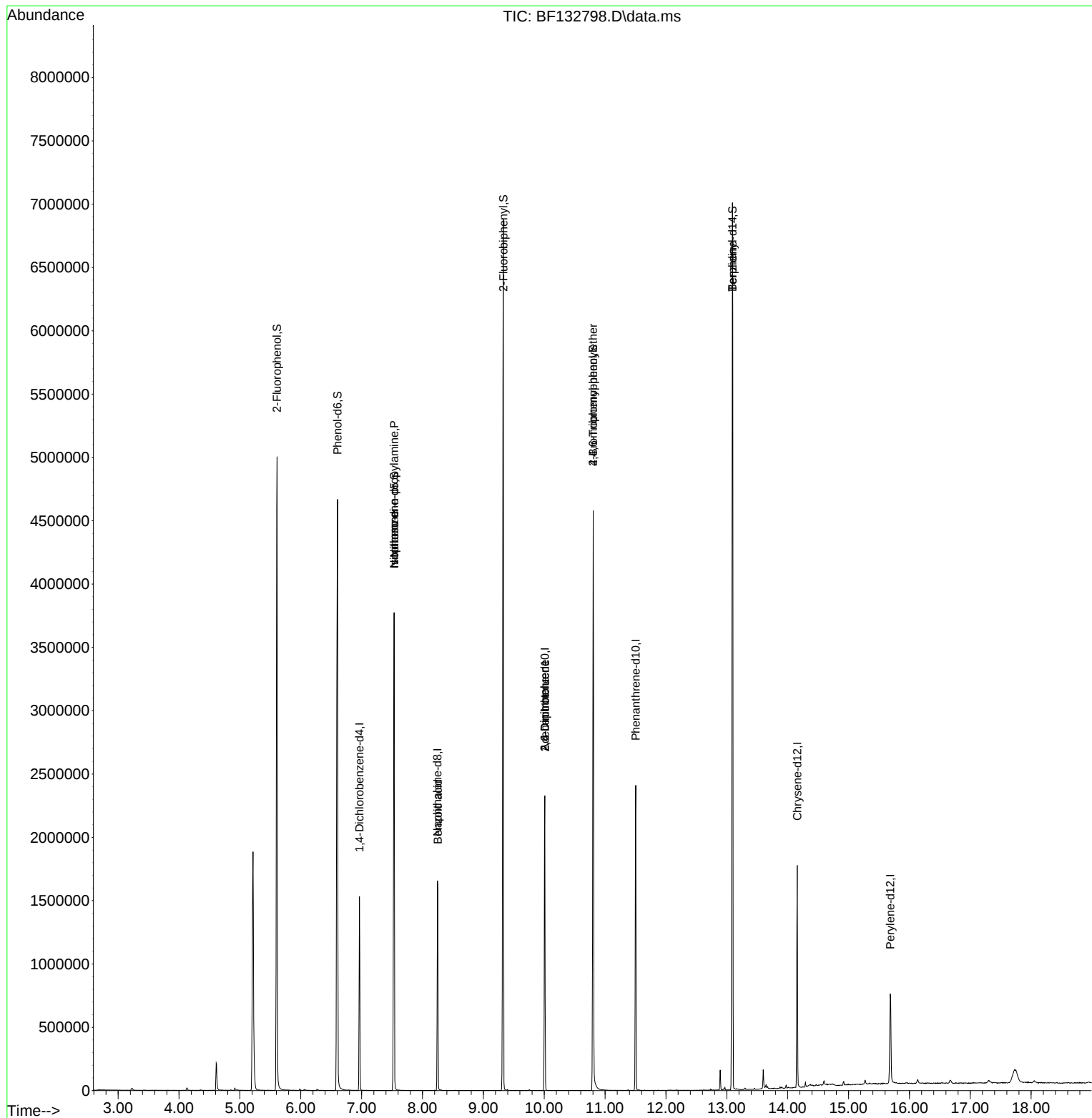
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	217423	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	767731	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	469379	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	924411	20.000	ng	0.00
76) Chrysene-d12	14.157	240	578774	20.000	ng	0.00
86) Perylene-d12	15.686	264	360251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1611012	120.255	ng	0.02
7) Phenol-d6	6.604	99	2111070	120.745	ng	0.00
23) Nitrobenzene-d5	7.534	82	1387200	85.726	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	624613	123.220	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2251857	73.050	ng	0.00
79) Terphenyl-d14	13.092	244	2966710	86.665	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	183402	17.045	ng	# 74
25) Isophorone	7.534	82	1387174	44.713	ng	# 67
32) Benzoic acid	8.251	122	260	3.861	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	60261	7.742	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	60261	5.820	ng	# 21
67) 4-Bromophenyl-phenylether	10.804	248	40694	3.892	ng	# 1
77) Benzidine	13.092	184	42760	3.035	ng	# 94

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

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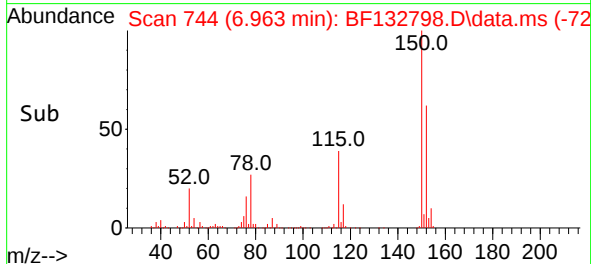
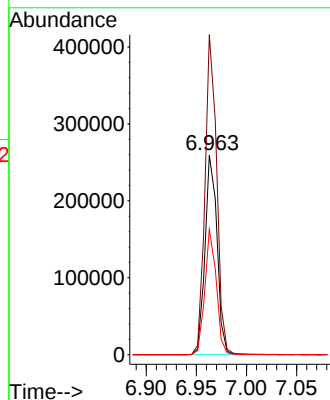
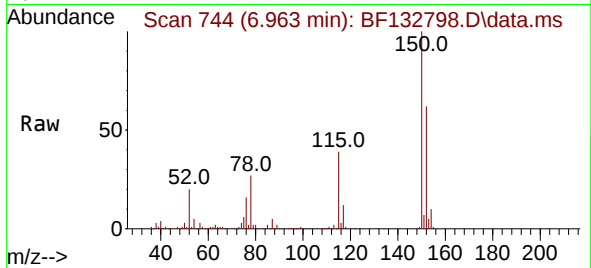




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

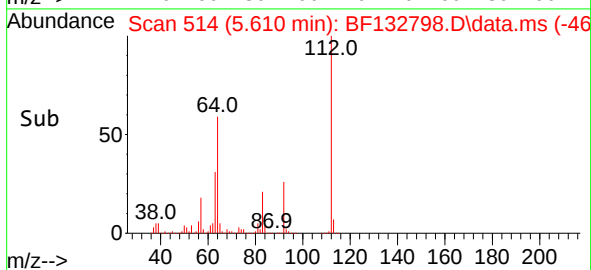
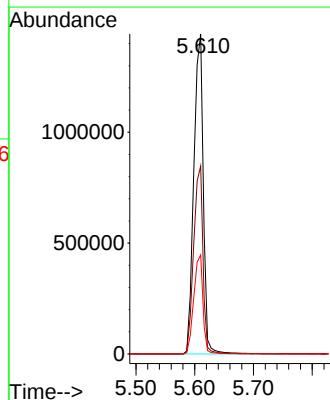
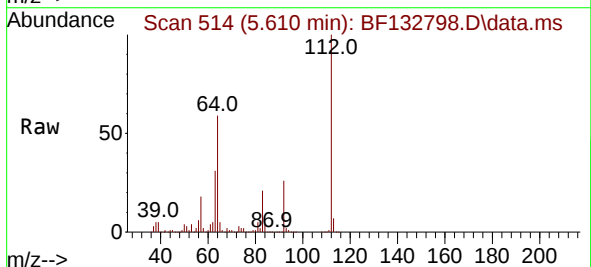
Instrument :
BNA_F
ClientSampleId :
PB151405BL

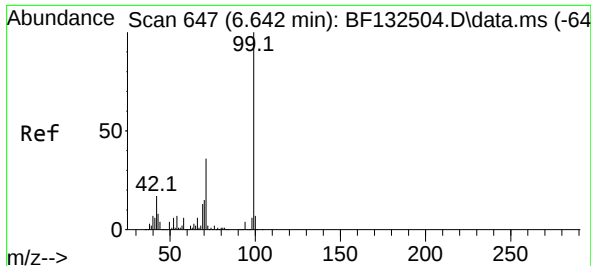
Tgt Ion:152 Resp: 217423
Ion Ratio Lower Upper
152 100
150 160.4 125.4 188.2
115 62.8 47.8 71.6



#5
2-Fluorophenol
Concen: 120.255 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Tgt Ion:112 Resp: 1611012
Ion Ratio Lower Upper
112 100
64 58.7 51.6 77.4
63 30.9 27.4 41.2

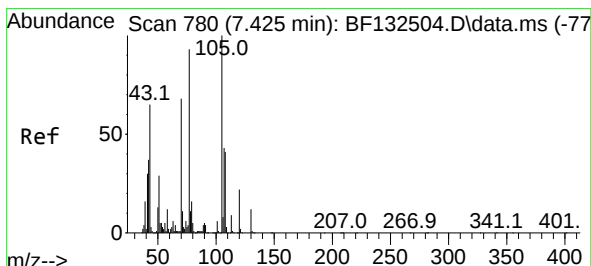
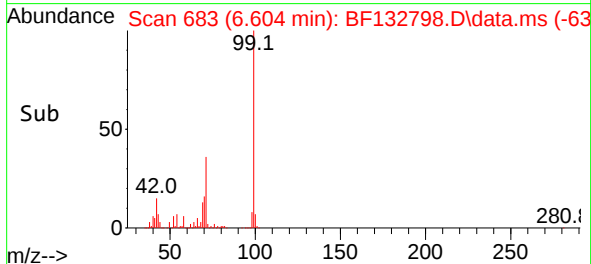
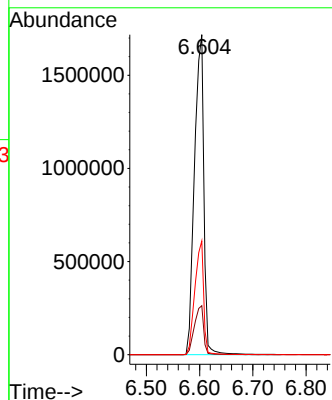
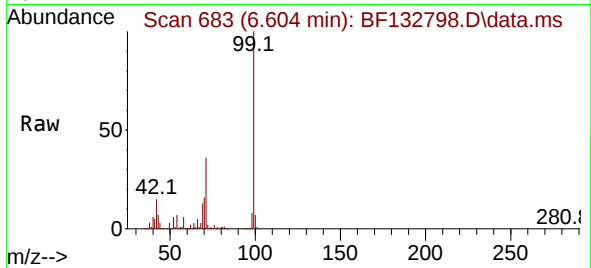




#7
Phenol-d6
Concen: 120.745 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

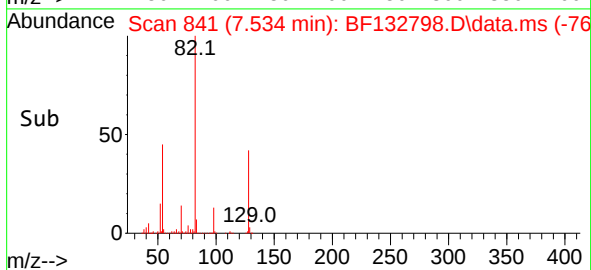
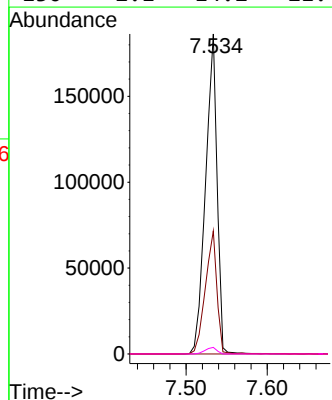
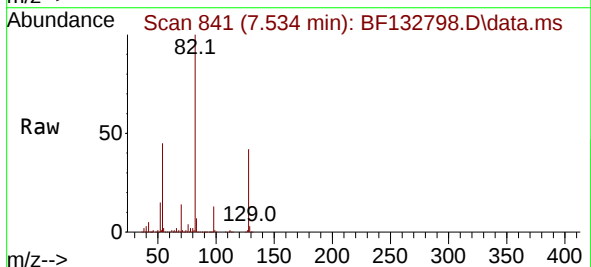
Instrument :
BNA_F
ClientSampleId :
PB151405BL

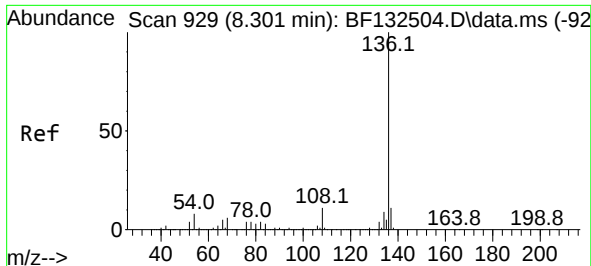
Tgt Ion: 99 Resp: 2111070
Ion Ratio Lower Upper
99 100
42 15.3 13.9 20.9
71 35.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.045 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.153 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Tgt Ion: 70 Resp: 183402
Ion Ratio Lower Upper
70 100
42 38.5 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

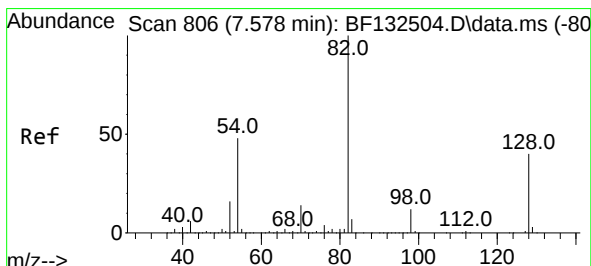
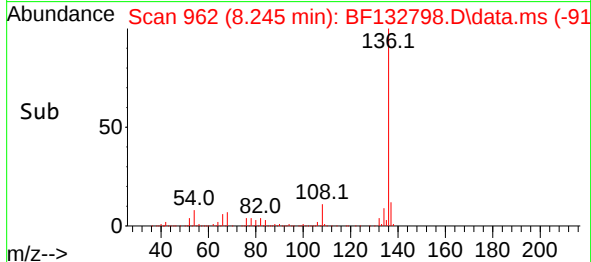
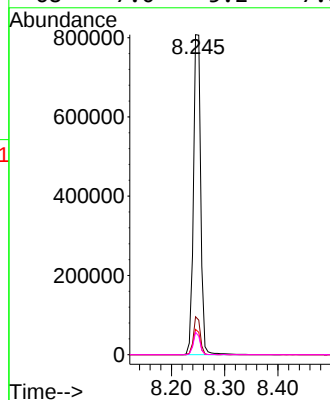
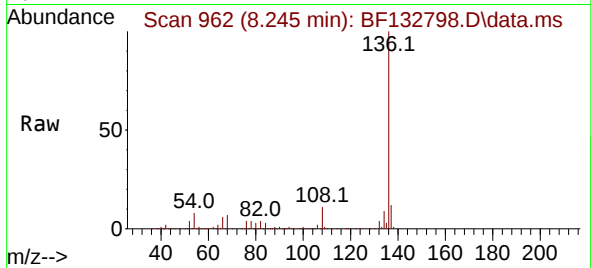




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

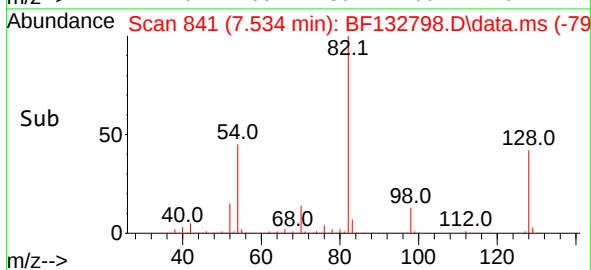
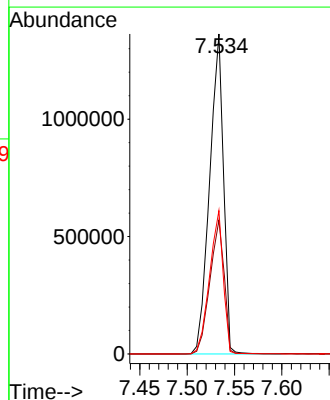
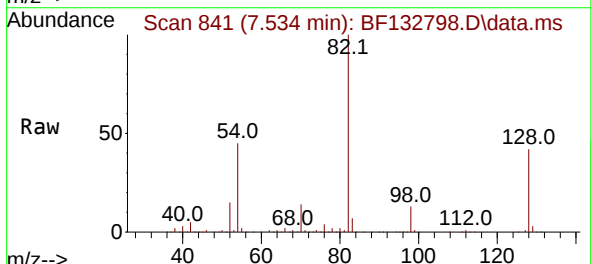
Instrument :
BNA_F
ClientSampleId :
PB151405BL

Tgt Ion:136 Resp: 767731
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 7.9 6.2 9.4
68 7.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 85.726 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Tgt Ion: 82 Resp: 1387200
Ion Ratio Lower Upper
82 100
128 41.8 32.2 48.2
54 44.8 38.4 57.6

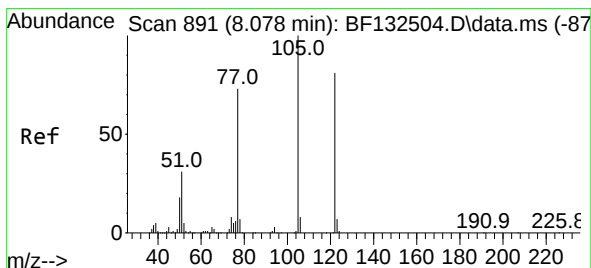
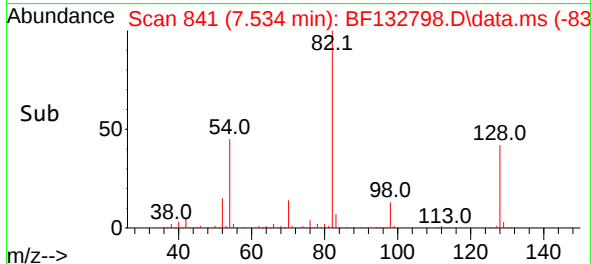
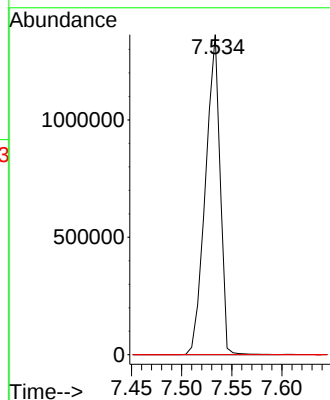
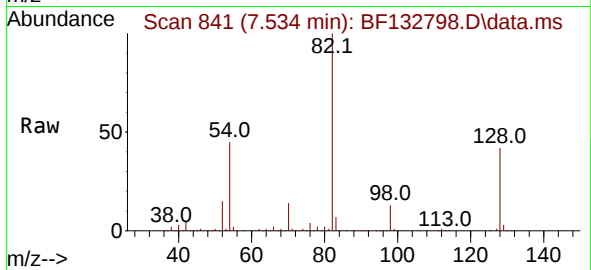




#25
Isophorone
Concen: 44.713 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

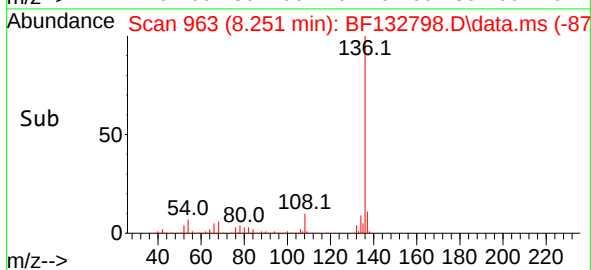
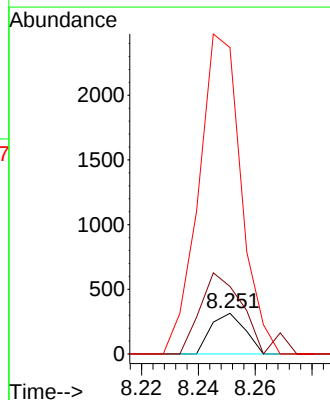
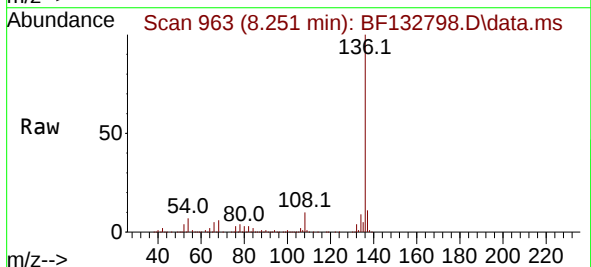
Instrument :
BNA_F
ClientSampleId :
PB151405BL

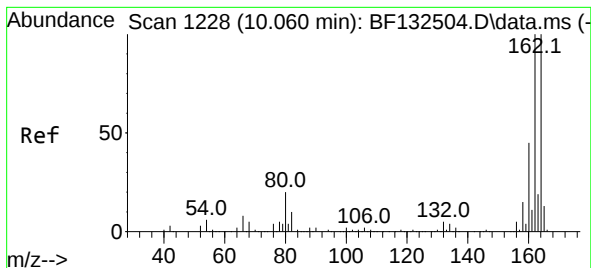
Tgt Ion: 82 Resp: 1387174
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.861 ng
RT: 8.251 min Scan# 963
Delta R.T. 0.217 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Tgt Ion:122 Resp: 260
Ion Ratio Lower Upper
122 100
105 165.7 102.6 142.6#
77 752.1 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132798.D

Acq: 15 Mar 2023 12:25

Instrument :

BNA_F

ClientSampleId :

PB151405BL

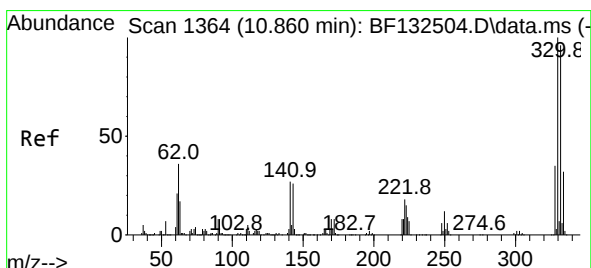
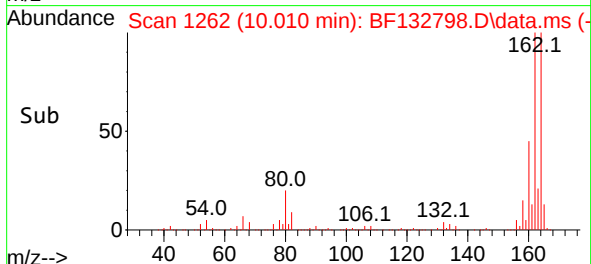
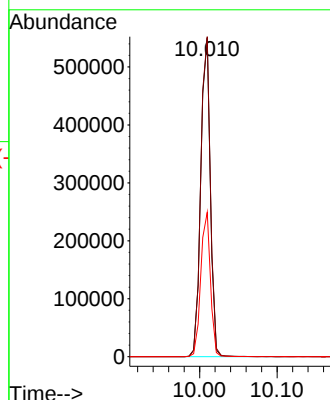
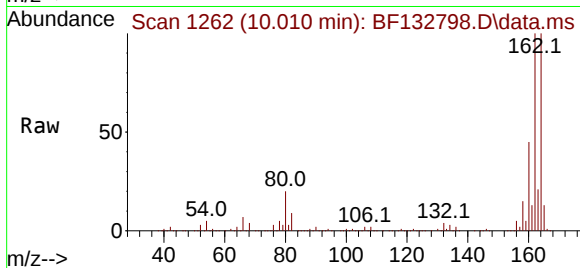
Tgt Ion:164 Resp: 469379

Ion Ratio Lower Upper

164 100

162 100.5 79.8 119.8

160 45.3 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 123.220 ng

RT: 10.804 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF132798.D

Acq: 15 Mar 2023 12:25

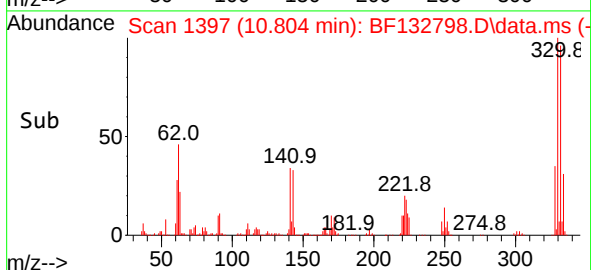
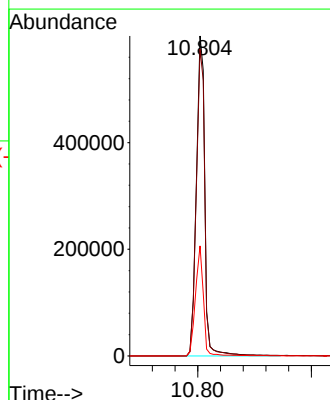
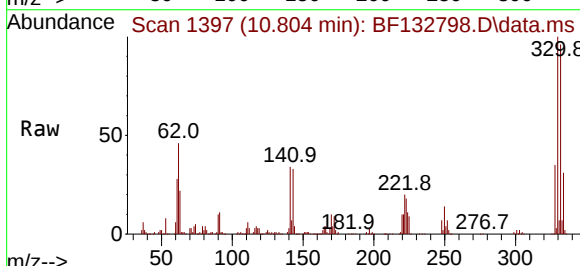
Tgt Ion:330 Resp: 624613

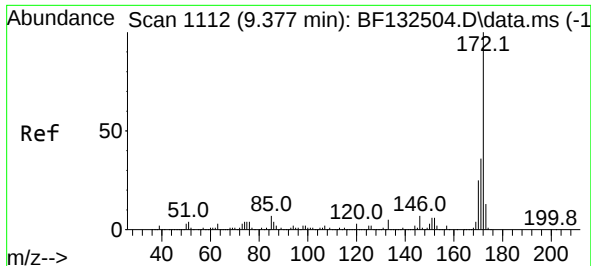
Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

141 32.4 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 73.050 ng

RT: 9.328 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF132798.D

Acq: 15 Mar 2023 12:25

Instrument :

BNA_F

ClientSampleId :

PB151405BL

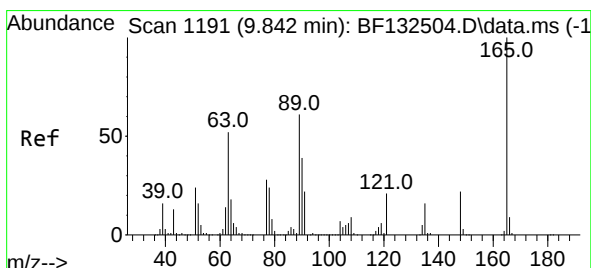
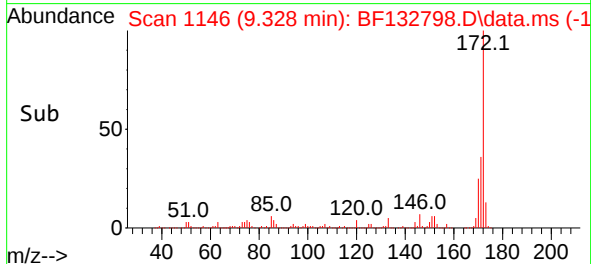
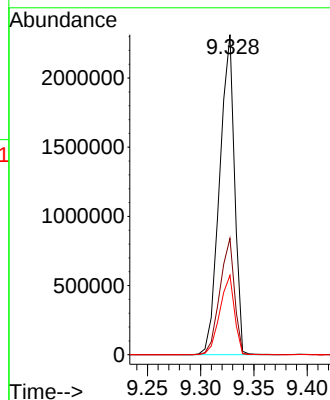
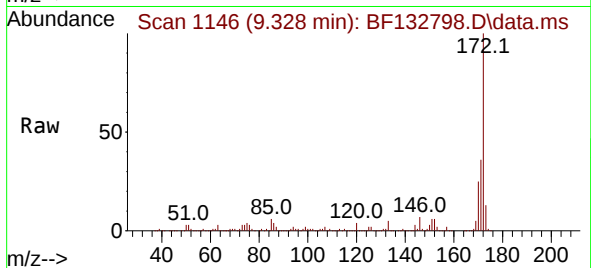
Tgt Ion:172 Resp: 2251857

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.8 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.742 ng

RT: 10.010 min Scan# 1262

Delta R.T. 0.212 min

Lab File: BF132798.D

Acq: 15 Mar 2023 12:25

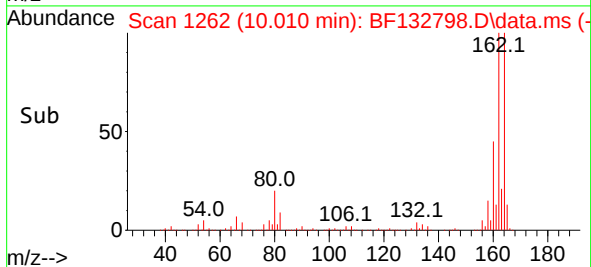
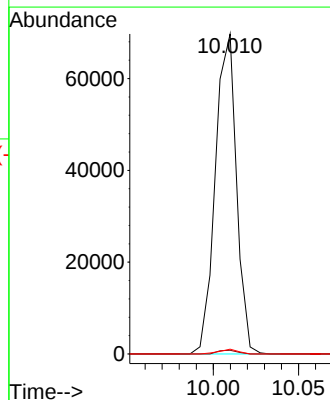
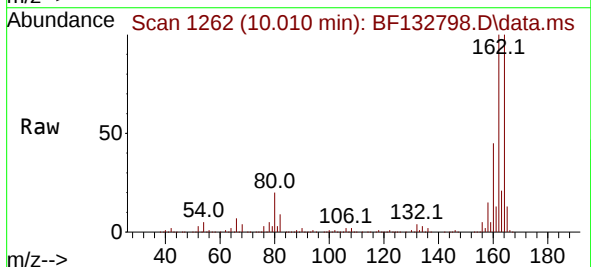
Tgt Ion:165 Resp: 60261

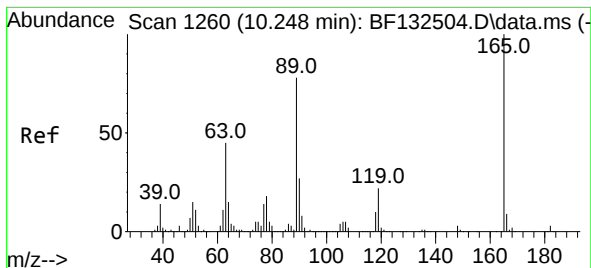
Ion Ratio Lower Upper

165 100

63 1.2 47.3 70.9#

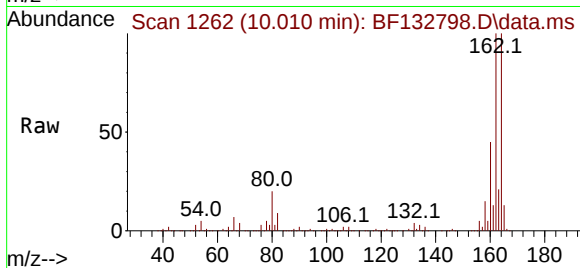
89 1.5 48.9 73.3#



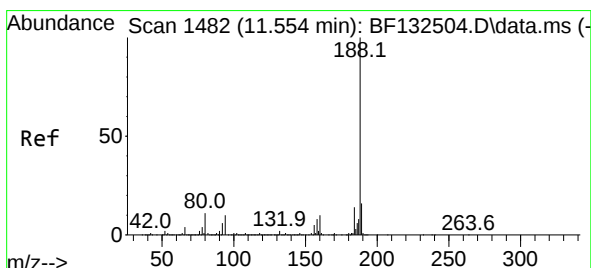
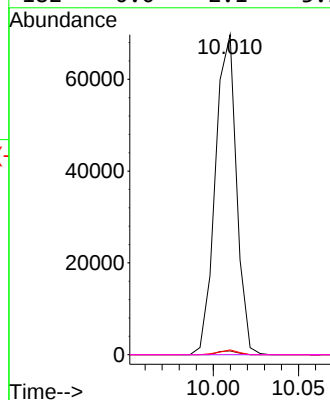
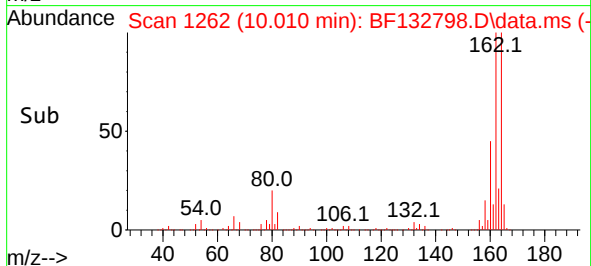


#57
2,4-Dinitrotoluene
Concen: 5.820 ng
RT: 10.010 min Scan# 1516
Delta R.T. -0.194 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Instrument :
BNA_F
ClientSampleId :
PB151405BL

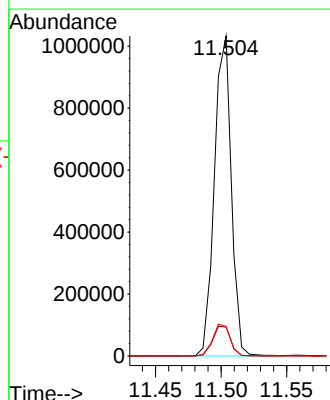
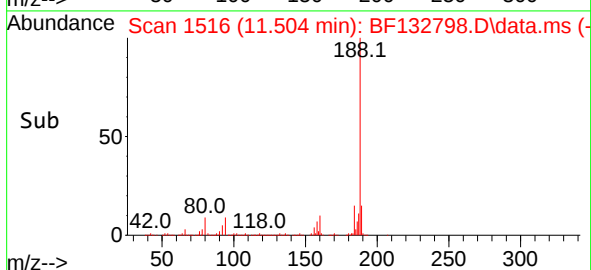
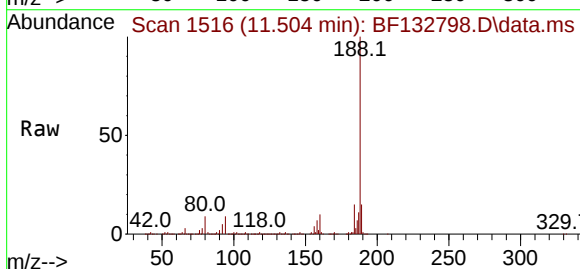


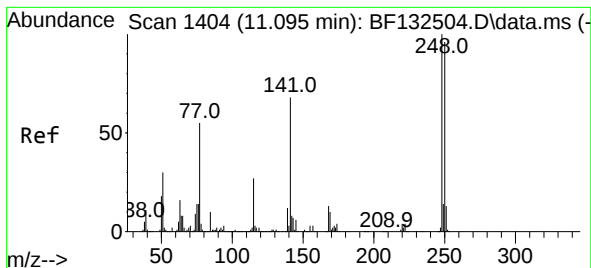
Tgt Ion:165 Resp: 60261
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 1.5 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Tgt Ion:188 Resp: 924411
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.2 8.7 13.1

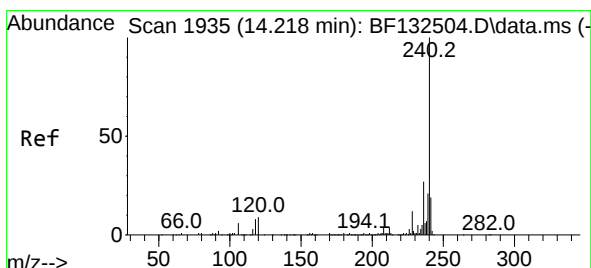
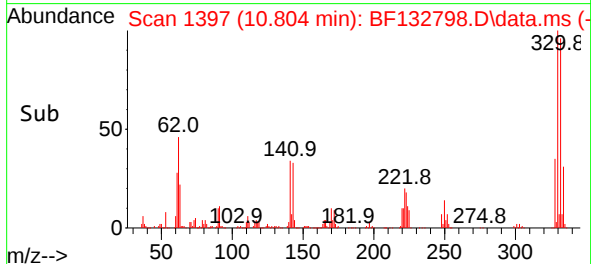
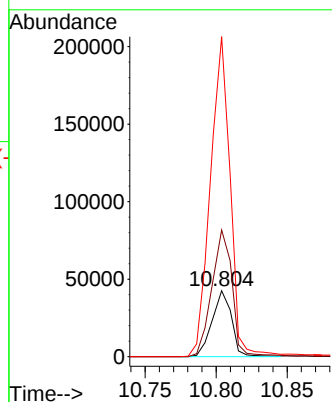
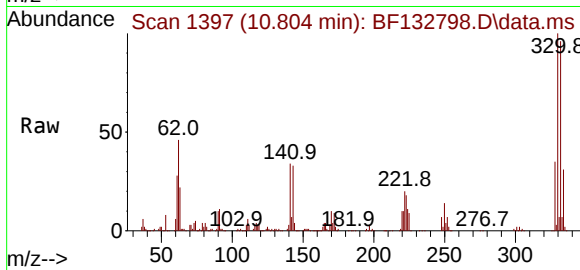




#67
4-Bromophenyl-phenylether
Concen: 3.892 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

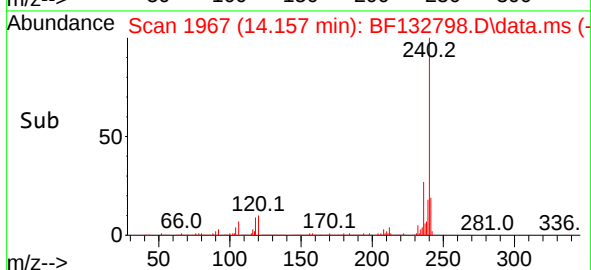
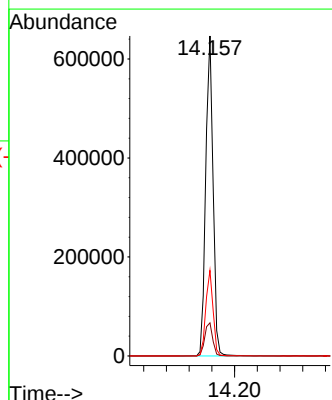
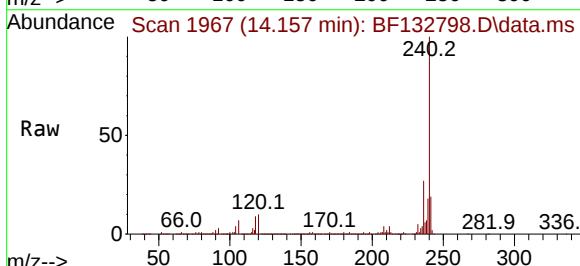
Instrument :
BNA_F
ClientSampleId :
PB151405BL

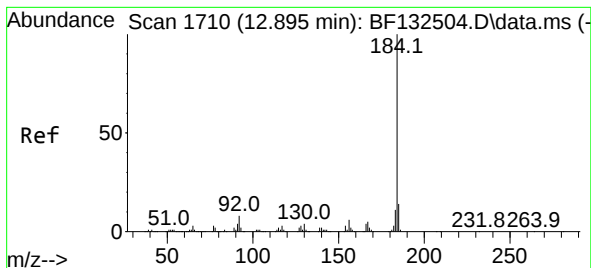
Tgt Ion:248 Resp: 40694
Ion Ratio Lower Upper
248 100
250 192.3 77.0 115.4#
141 485.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Tgt Ion:240 Resp: 578774
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 26.8 21.8 32.6





#77

Benzidine

Concen: 3.035 ng

RT: 13.092 min Scan# 1

Delta R.T. 0.247 min

Lab File: BF132798.D

Acq: 15 Mar 2023 12:25

Instrument :

BNA_F

ClientSampleId :

PB151405BL

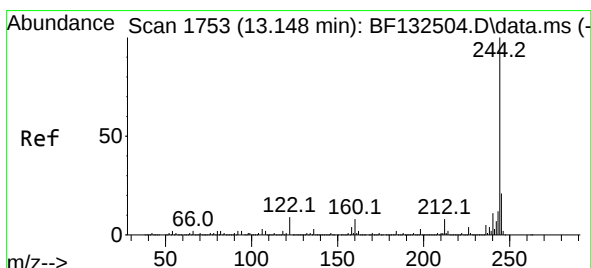
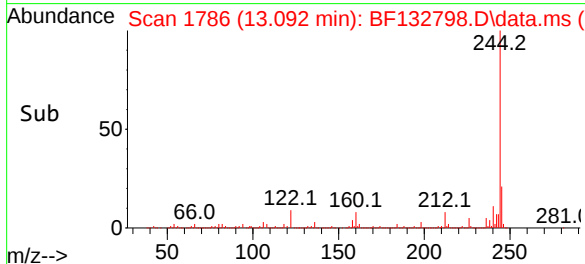
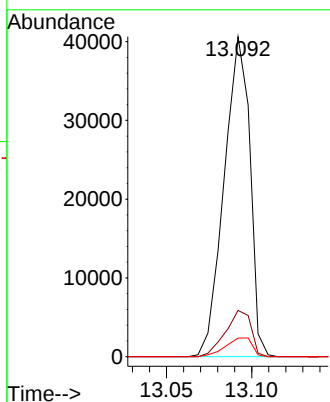
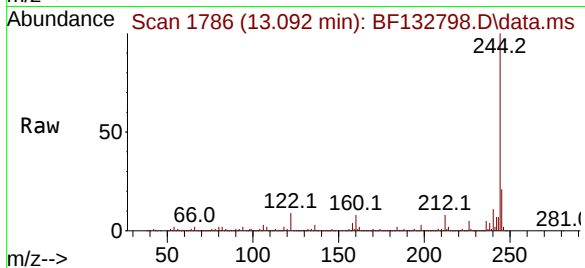
Tgt Ion:184 Resp: 42760

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 5.8 8.7 13.1#



#79

Terphenyl-d14

Concen: 86.665 ng

RT: 13.092 min Scan# 1786

Delta R.T. -0.000 min

Lab File: BF132798.D

Acq: 15 Mar 2023 12:25

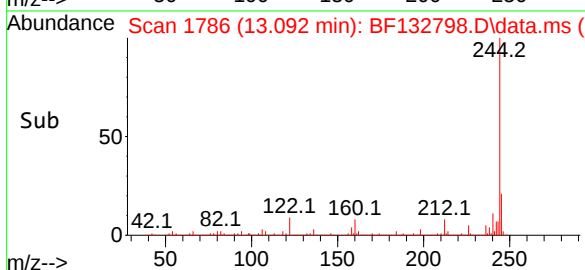
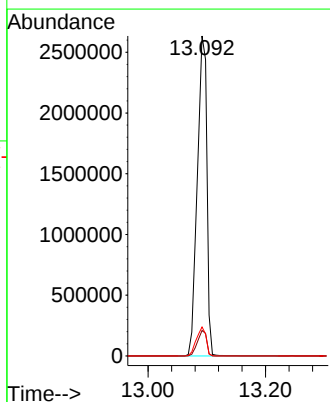
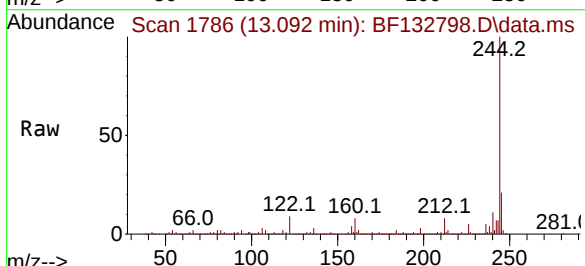
Tgt Ion:244 Resp: 2966710

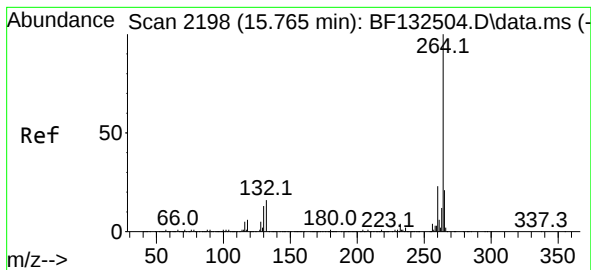
Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 9.0 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132798.D

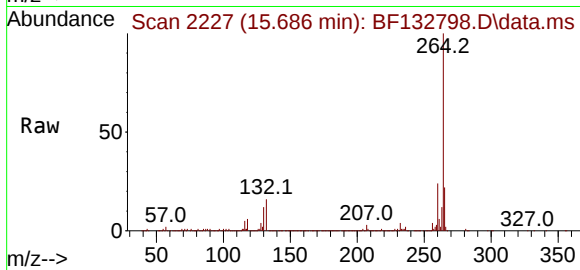
Acq: 15 Mar 2023 12:25

Instrument :

BNA_F

ClientSampleId :

PB151405BL



Tgt Ion:264 Resp: 360251

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.8 17.1 25.7

