

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132733.D
 Acq On : 10 Mar 2023 10:41
 Operator : CG\JU
 Sample : PB151329BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151310BL

Quant Time: Mar 10 11:10:19 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)

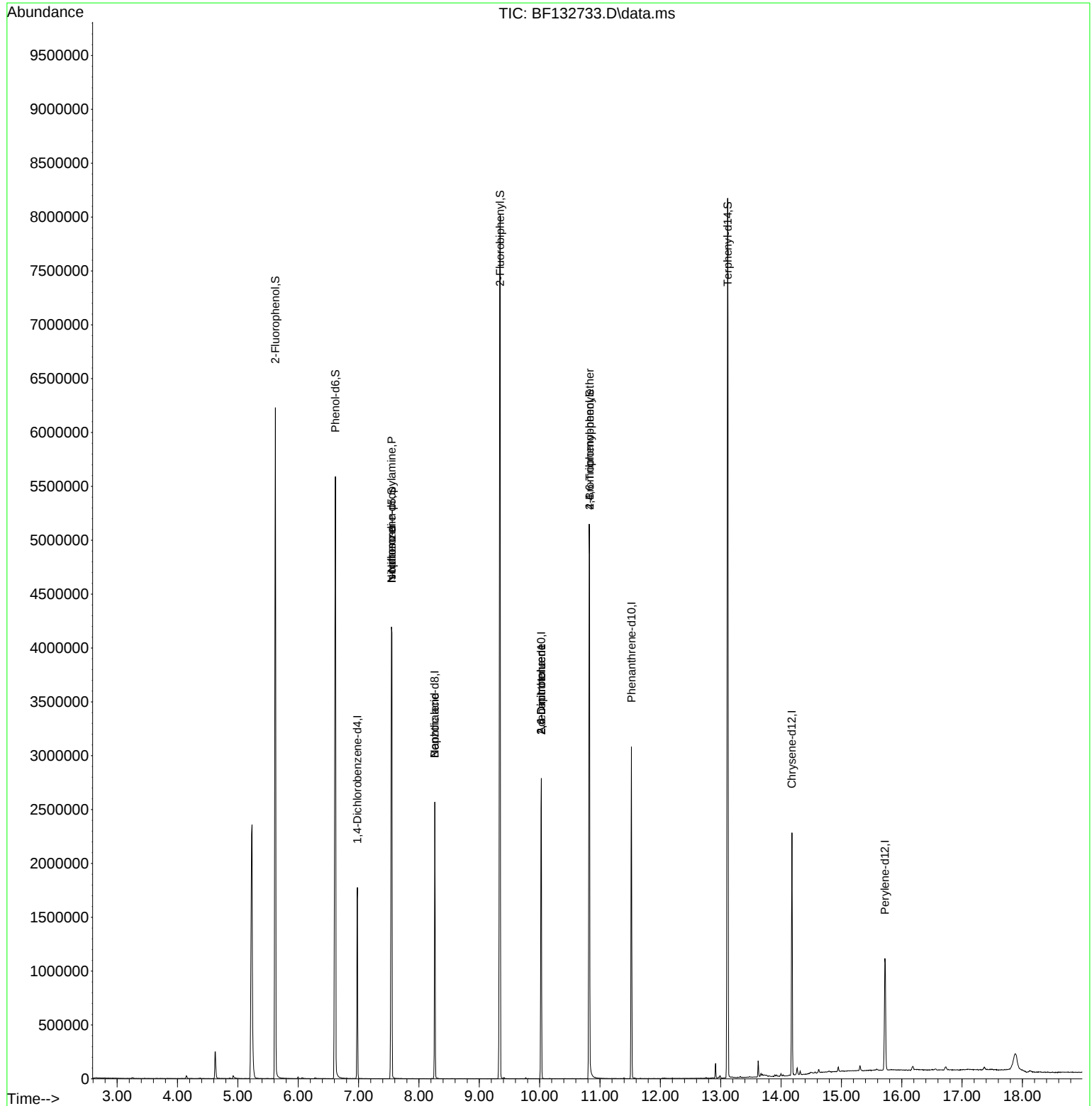
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	278471	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	1049500	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	575684	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	1086462	20.000	ng	0.00
76) Chrysene-d12	14.180	240	721373	20.000	ng	0.00
86) Perylene-d12	15.721	264	521359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	2027844	118.186	ng	0.01
7) Phenol-d6	6.616	99	2614246	116.745	ng	0.00
23) Nitrobenzene-d5	7.545	82	1764375	79.761	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	761965	122.559	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2800763	74.079	ng	0.00
79) Terphenyl-d14	13.116	244	3474753	81.441	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.545	70	236701	17.175	ng	# 75
25) Isophorone	7.545	82	1759104	41.478	ng	# 67
32) Benzoic acid	8.263	122	290	3.857	ng	# 1
51) 2,6-Dinitrotoluene	10.028	165	75907	7.952	ng	# 22
57) 2,4-Dinitrotoluene	10.028	165	75907	5.977	ng	# 21
67) 4-Bromophenyl-phenylether	10.828	248	50461	4.106	ng	# 1

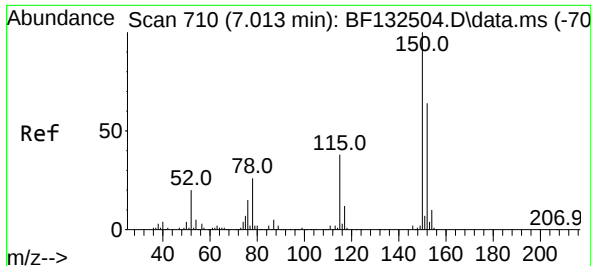
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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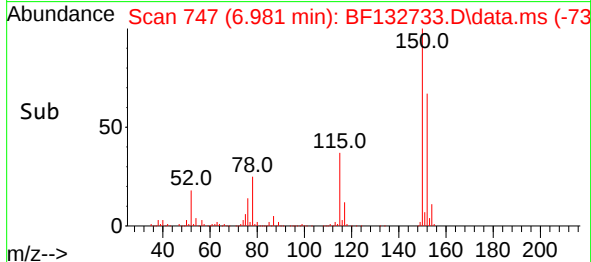
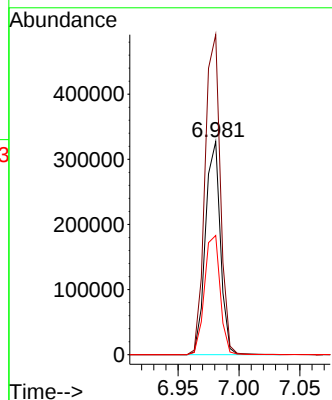
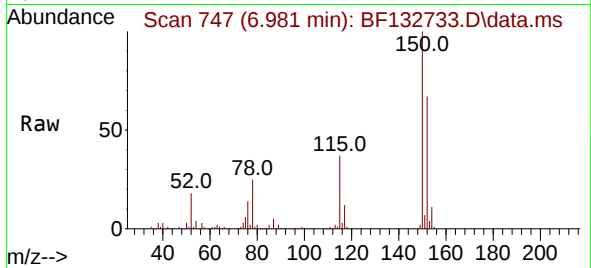




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: BF132733.D
 Acq: 10 Mar 2023 10:41

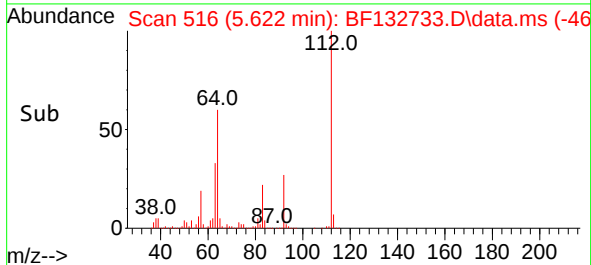
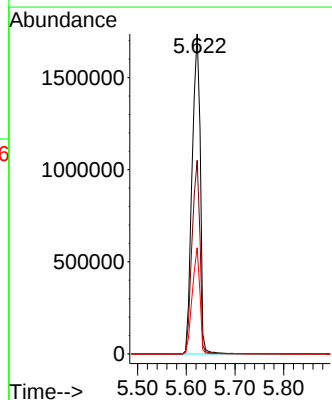
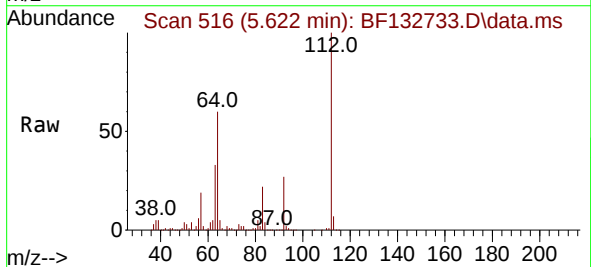
Instrument :
 BNA_F
 ClientSampleId :
 PB151310BL

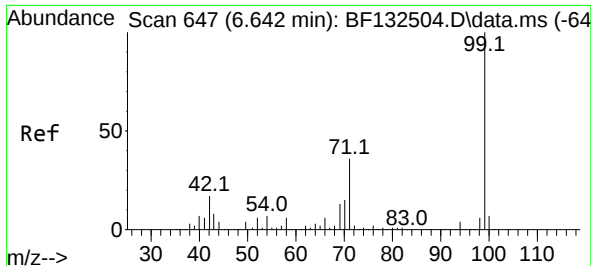
Tgt Ion:152 Resp: 278471
 Ion Ratio Lower Upper
 152 100
 150 150.2 125.4 188.2
 115 56.0 47.8 71.6



#5
 2-Fluorophenol
 Concen: 118.186 ng
 RT: 5.622 min Scan# 516
 Delta R.T. 0.012 min
 Lab File: BF132733.D
 Acq: 10 Mar 2023 10:41

Tgt Ion:112 Resp: 2027844
 Ion Ratio Lower Upper
 112 100
 64 60.5 51.6 77.4
 63 33.2 27.4 41.2

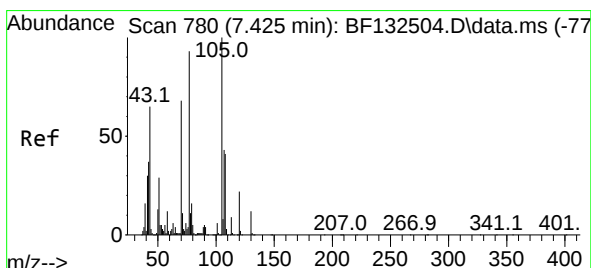
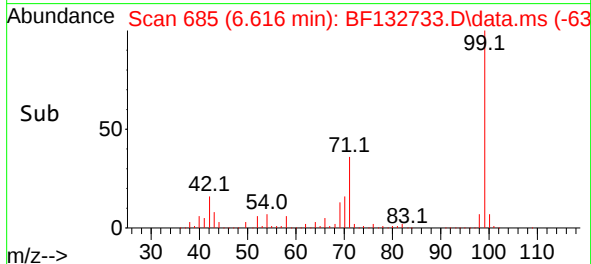
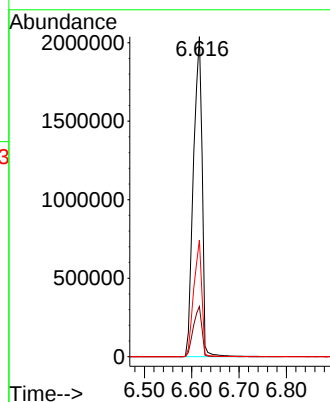
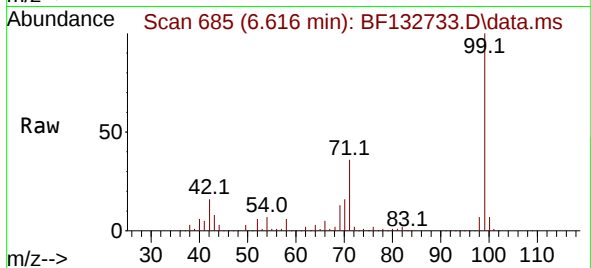




#7
Phenol-d6
Concen: 116.745 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

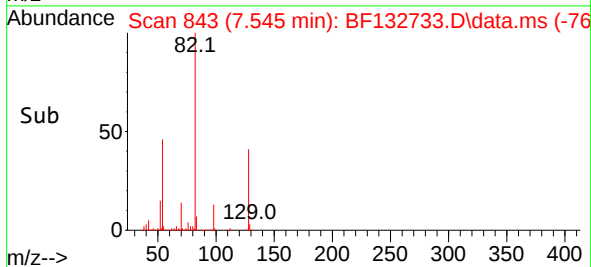
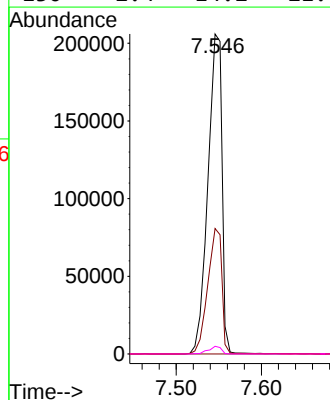
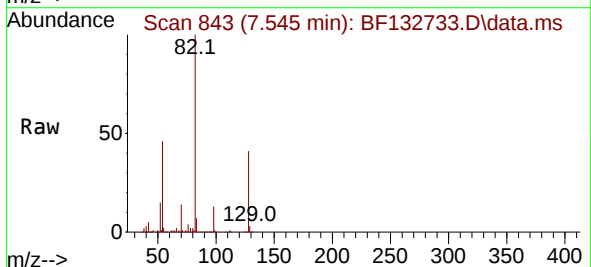
Instrument :
BNA_F
ClientSampleId :
PB151310BL

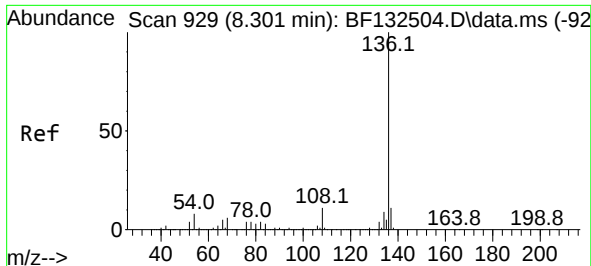
Tgt Ion: 99 Resp: 2614246
Ion Ratio Lower Upper
99 100
42 15.7 13.9 20.9
71 36.5 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.175 ng
RT: 7.545 min Scan# 843
Delta R.T. 0.147 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Tgt Ion: 70 Resp: 236701
Ion Ratio Lower Upper
70 100
42 39.2 44.1 66.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.4#

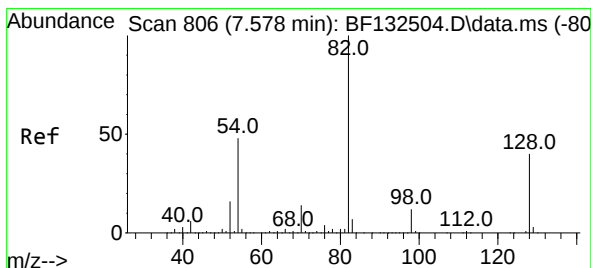
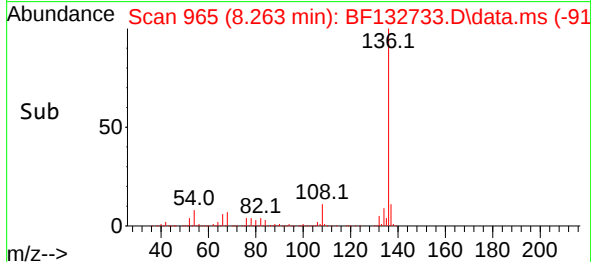
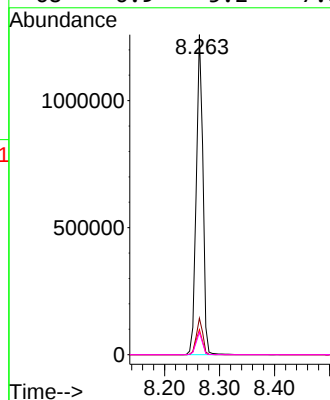
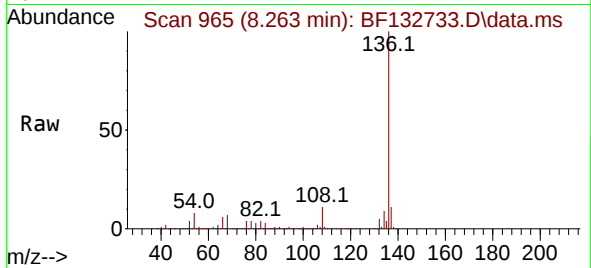




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

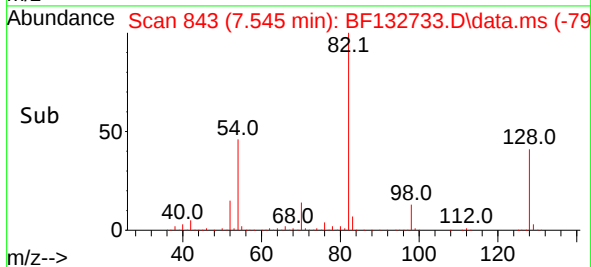
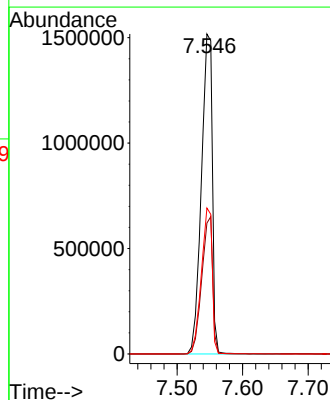
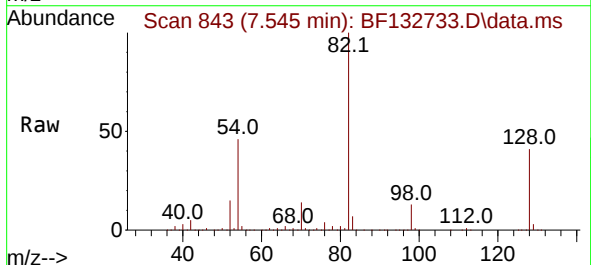
Instrument :
BNA_F
ClientSampleId :
PB151310BL

Tgt Ion:136 Resp: 1049500
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.9 6.2 9.4
68 6.9 5.2 7.8



#23
Nitrobenzene-d5
Concen: 79.761 ng
RT: 7.545 min Scan# 843
Delta R.T. -0.011 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Tgt Ion: 82 Resp: 1764375
Ion Ratio Lower Upper
82 100
128 40.9 32.2 48.2
54 45.6 38.4 57.6

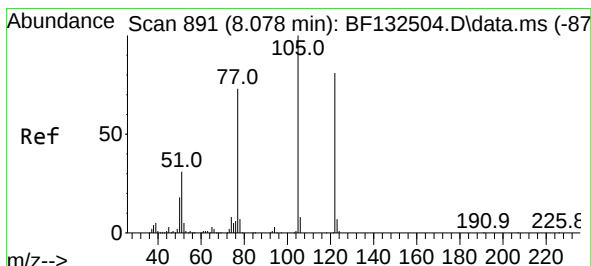
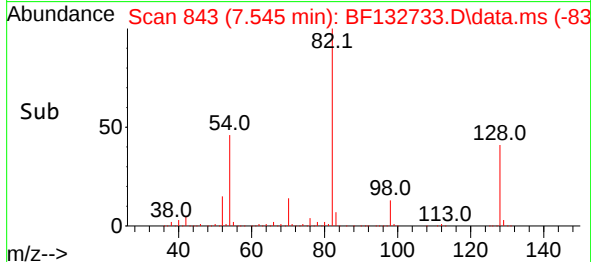
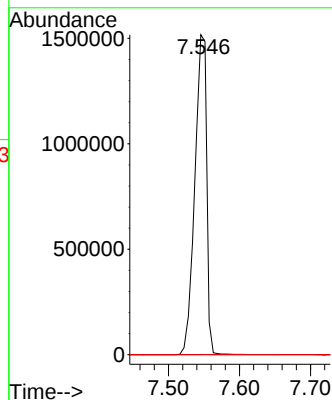
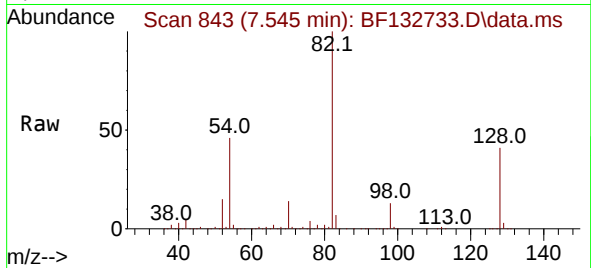




#25
Isophorone
Concen: 41.478 ng
RT: 7.545 min Scan# 84
Delta R.T. -0.264 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

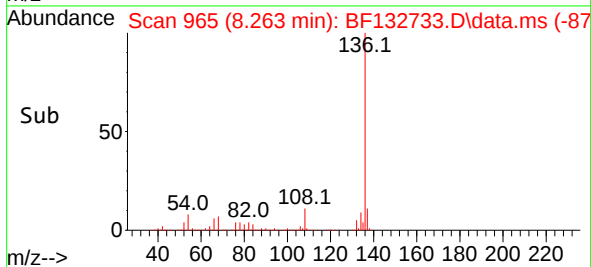
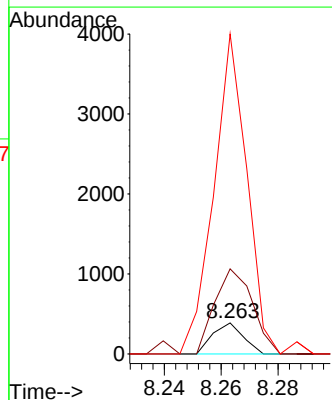
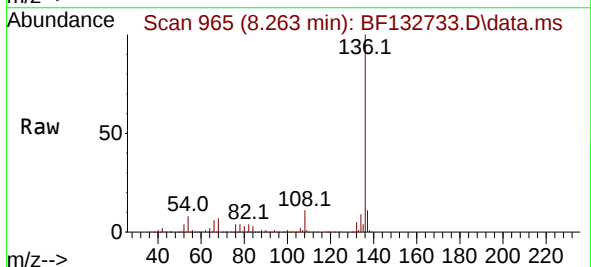
Instrument :
BNA_F
ClientSampleId :
PB151310BL

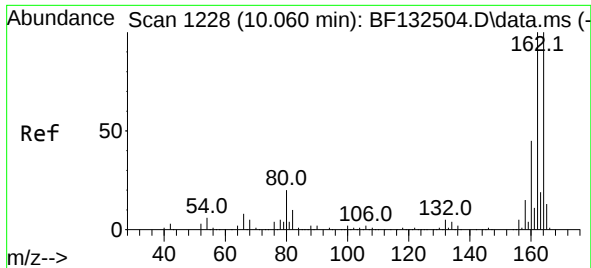
Tgt Ion: 82 Resp: 1759104
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.857 ng
RT: 8.263 min Scan# 965
Delta R.T. 0.212 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Tgt Ion:122 Resp: 290
Ion Ratio Lower Upper
122 100
105 273.5 102.6 142.6#
77 1028.5 70.2 110.2#

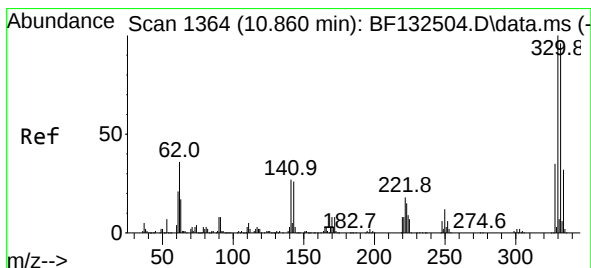
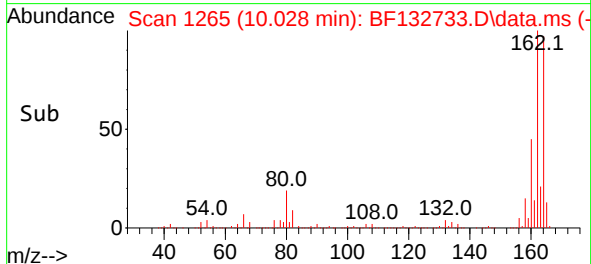
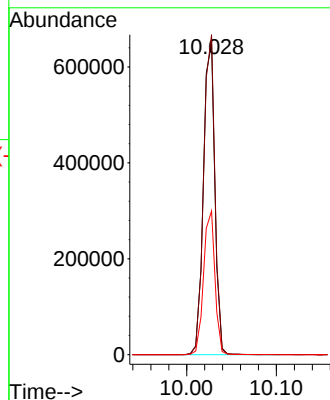
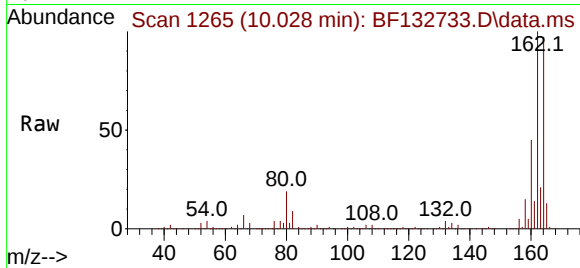




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

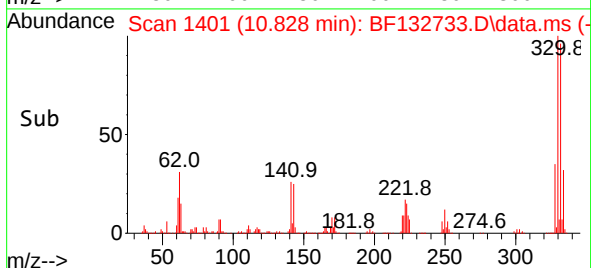
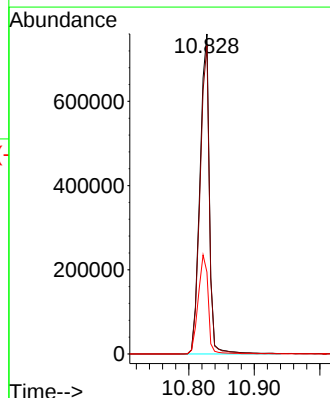
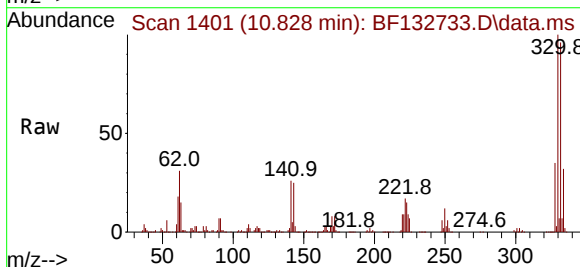
Instrument :
BNA_F
ClientSampleId :
PB151310BL

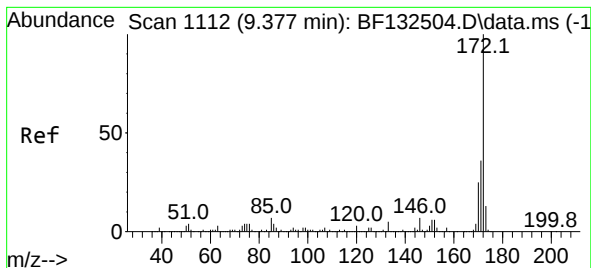
Tgt Ion:164 Resp: 575684
Ion Ratio Lower Upper
164 100
162 102.8 79.8 119.8
160 46.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 122.559 ng
RT: 10.828 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Tgt Ion:330 Resp: 761965
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 32.9 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 74.079 ng

RT: 9.345 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132733.D

Acq: 10 Mar 2023 10:41

Instrument :

BNA_F

ClientSampleId :

PB151310BL

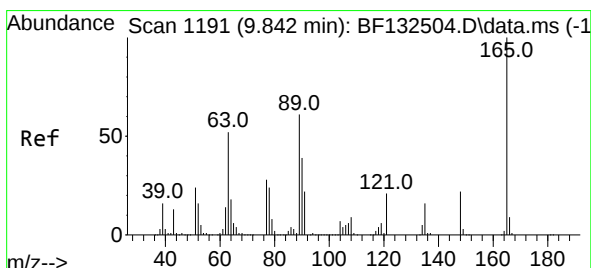
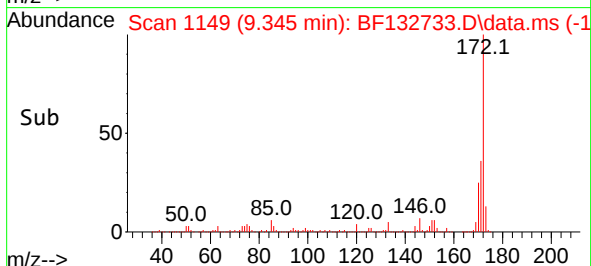
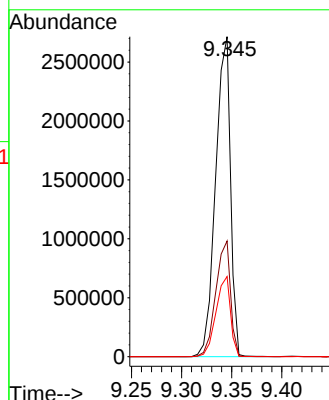
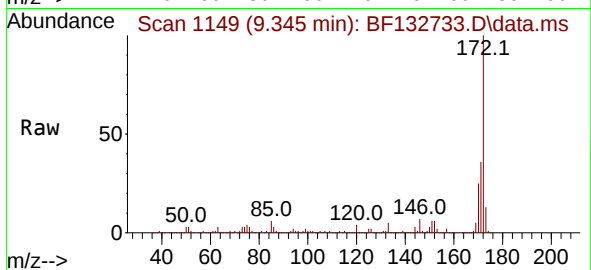
Tgt Ion:172 Resp: 2800763

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 25.1 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.952 ng

RT: 10.028 min Scan# 1265

Delta R.T. 0.212 min

Lab File: BF132733.D

Acq: 10 Mar 2023 10:41

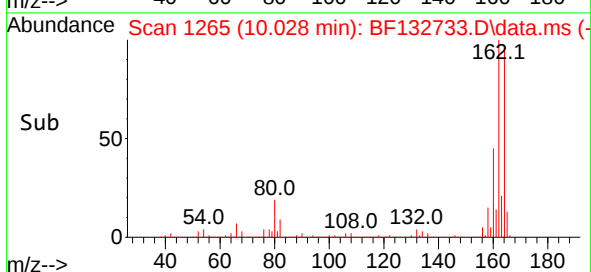
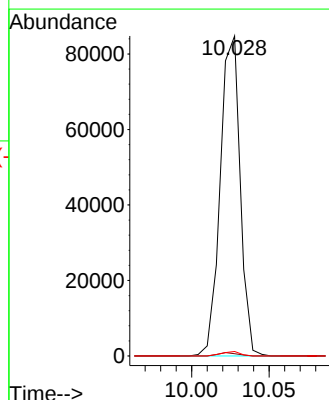
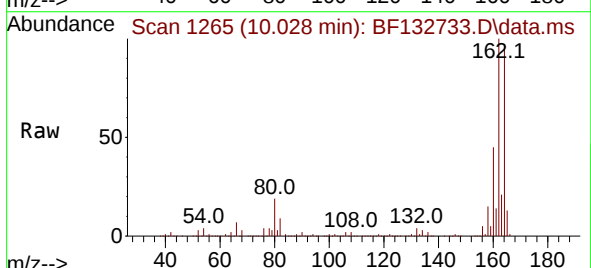
Tgt Ion:165 Resp: 75907

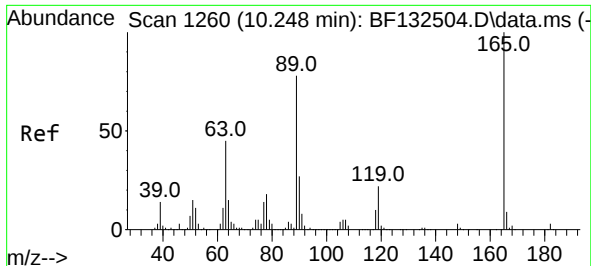
Ion Ratio Lower Upper

165 100

63 0.7 47.3 70.9#

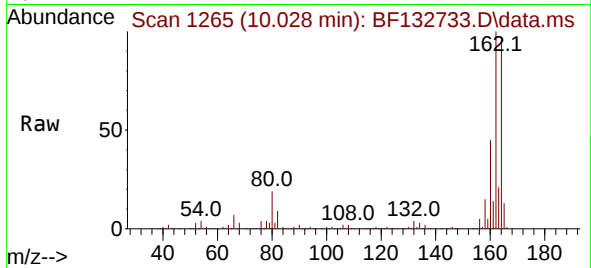
89 1.4 48.9 73.3#



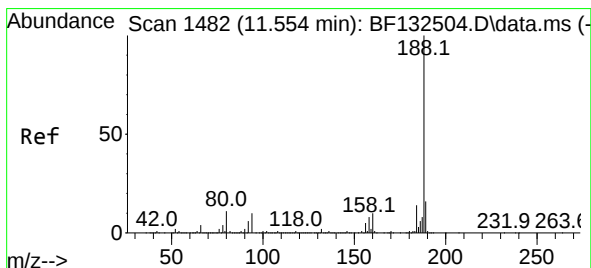
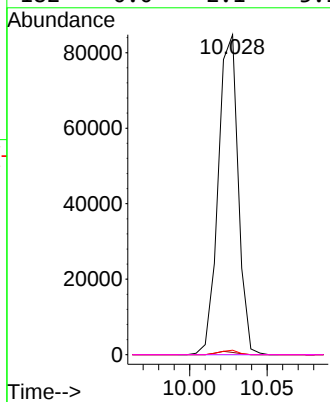
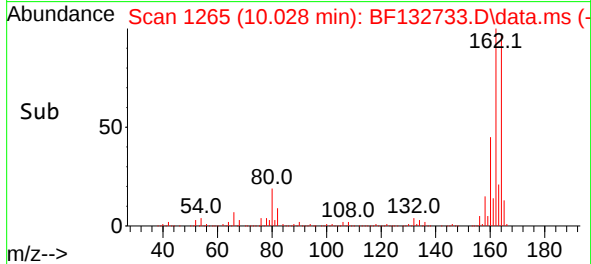


#57
2,4-Dinitrotoluene
Concen: 5.977 ng
RT: 10.028 min Scan# 1519
Delta R.T. -0.194 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Instrument :
BNA_F
ClientSampleId :
PB151310BL

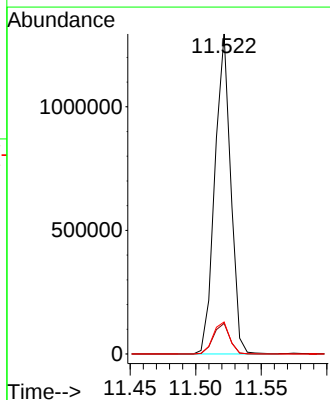
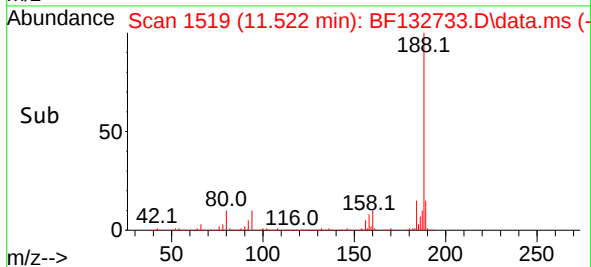
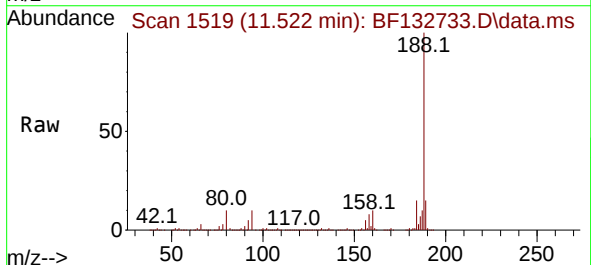


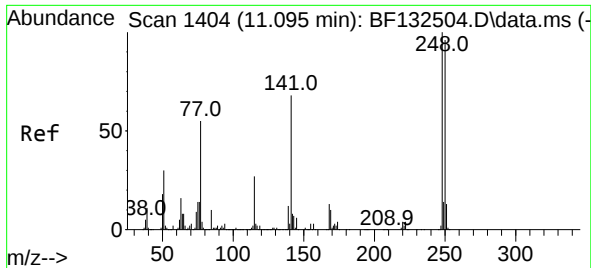
Tgt Ion:165 Resp: 75907
Ion Ratio Lower Upper
165 100
63 0.7 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Tgt Ion:188 Resp: 1086462
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.0 8.7 13.1

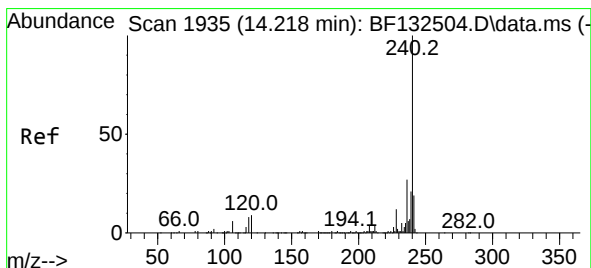
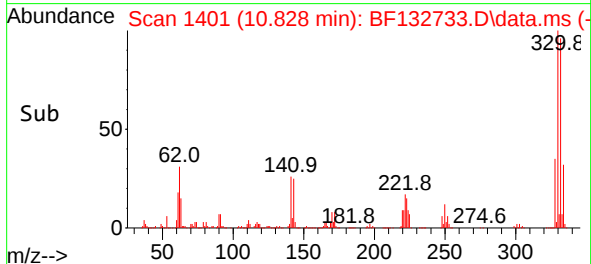
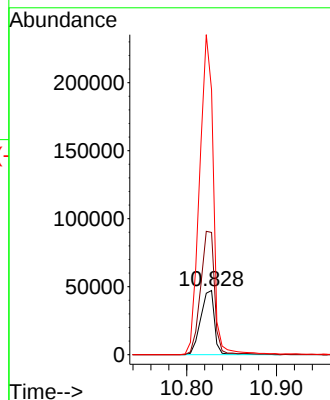
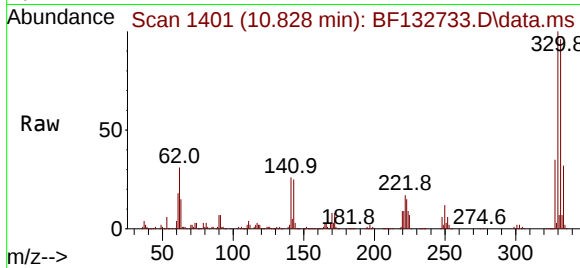




#67
4-Bromophenyl-phenylether
Concen: 4.106 ng
RT: 10.828 min Scan# 1401
Delta R.T. -0.235 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

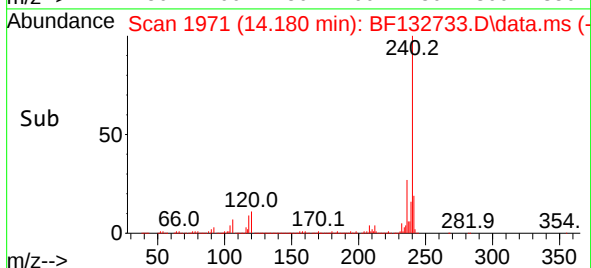
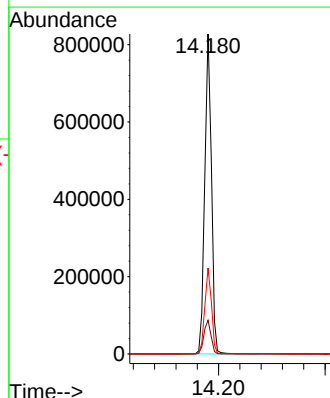
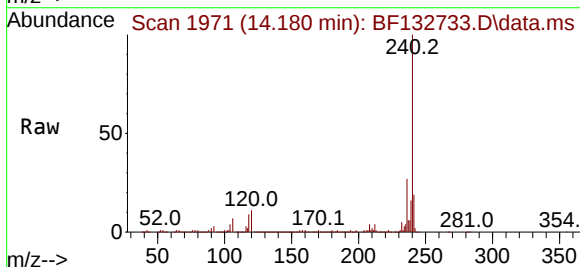
Instrument :
BNA_F
ClientSampleId :
PB151310BL

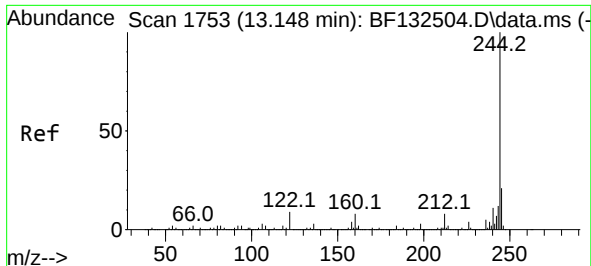
Tgt Ion:248 Resp: 50461
Ion Ratio Lower Upper
248 100
250 190.6 77.0 115.4#
141 413.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Tgt Ion:240 Resp: 721373
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 26.8 21.8 32.6

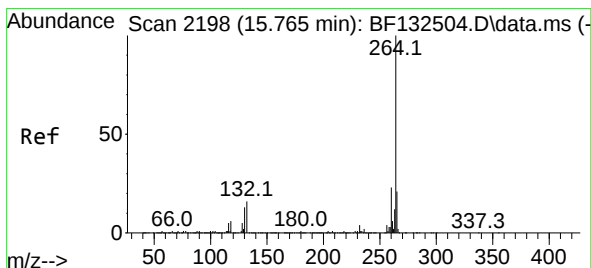
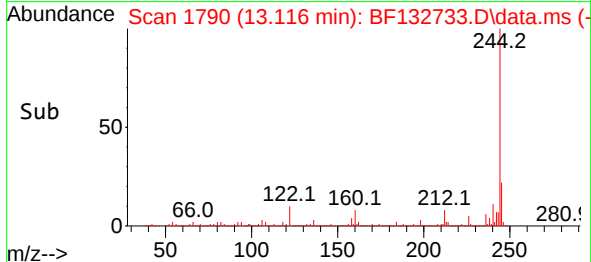
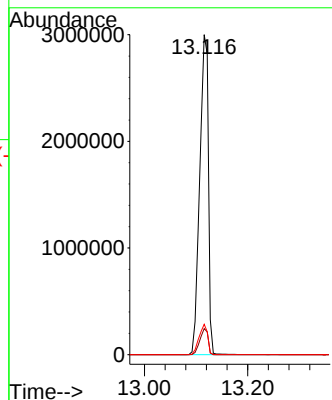
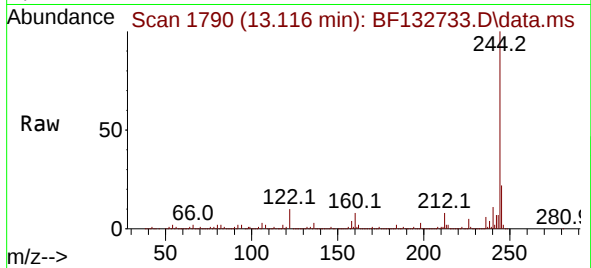




#79
 Terphenyl-d14
 Concen: 81.441 ng
 RT: 13.116 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132733.D
 Acq: 10 Mar 2023 10:41

Instrument :
 BNA_F
 ClientSampleId :
 PB151310BL

Tgt Ion:244 Resp: 3474753
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.5 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: BF132733.D
 Acq: 10 Mar 2023 10:41

Tgt Ion:264 Resp: 521359
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.8 17.1 25.7

