

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132613.D
 Acq On : 02 Mar 2023 18:10
 Operator : CG\JU
 Sample : 01749-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-8

Quant Time: Mar 03 00:37:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

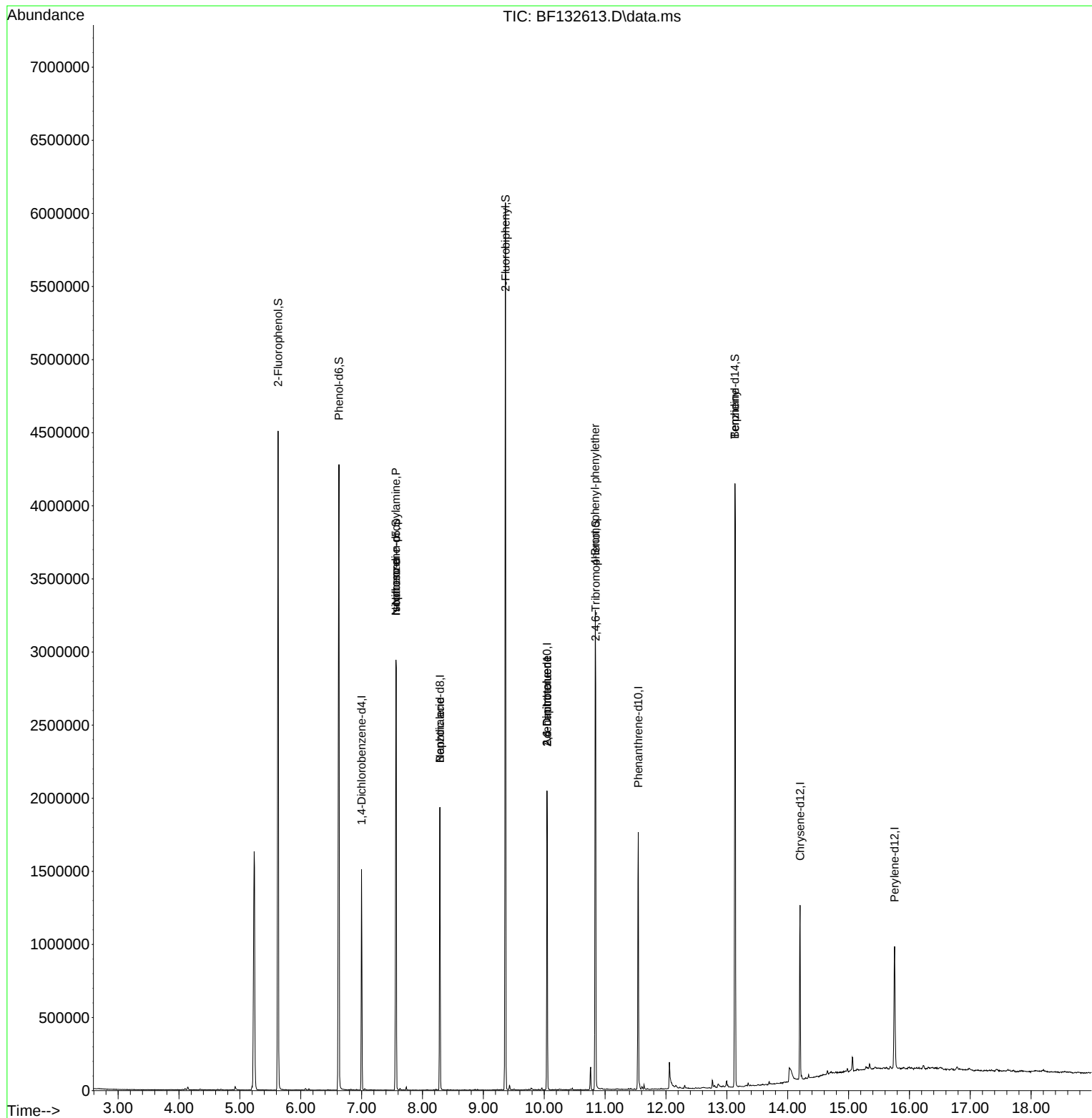
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	205578	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	748414	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	402076	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	640198	20.000	ng	0.00
76) Chrysene-d12	14.204	240	386399	20.000	ng	0.00
86) Perylene-d12	15.757	264	399441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1316600	103.941	ng	0.00
7) Phenol-d6	6.628	99	1717139	103.872	ng	0.00
23) Nitrobenzene-d5	7.563	82	1103951	69.983	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	400489	92.231	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1830574	69.324	ng	0.00
79) Terphenyl-d14	13.133	244	1546830	67.684	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	146976	14.446	ng	# 77
25) Isophorone	7.563	82	1103938	36.502	ng	# 67
32) Benzoic acid	8.286	122	125	3.848	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	52015	7.801	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	52015	5.864	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	27199	3.756	ng	# 1
77) Benzidine	13.133	184	21660	2.303	ng	# 93

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

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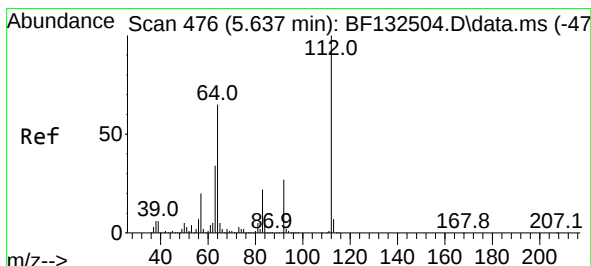
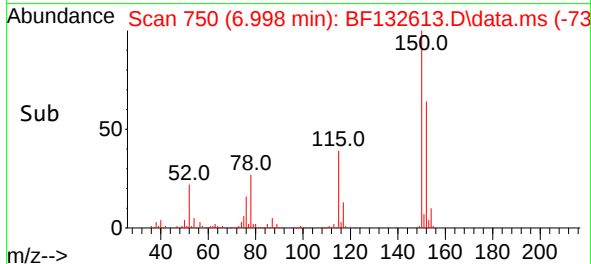
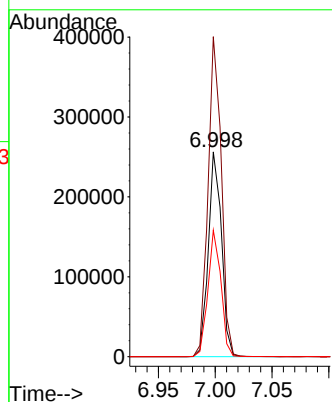
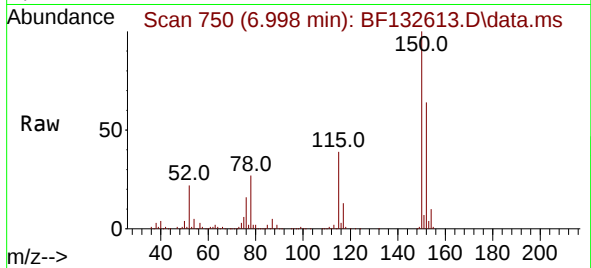




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

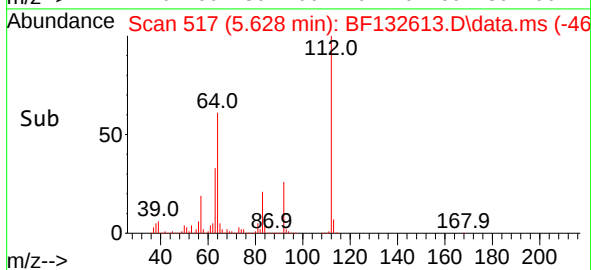
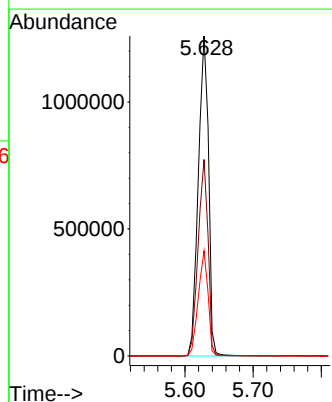
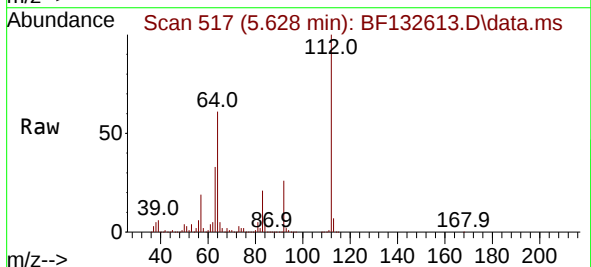
Instrument :
BNA_F
ClientSampleId :
CF-8

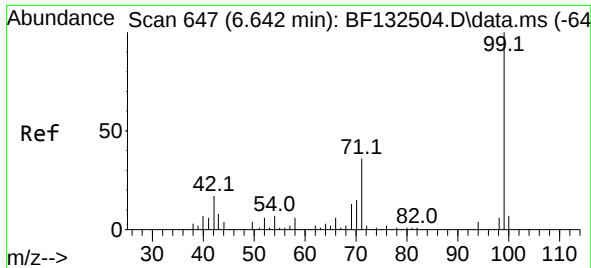
Tgt Ion:152 Resp: 205578
Ion Ratio Lower Upper
152 100
150 156.2 125.4 188.2
115 61.7 47.8 71.6



#5
2-Fluorophenol
Concen: 103.941 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

Tgt Ion:112 Resp: 1316600
Ion Ratio Lower Upper
112 100
64 61.4 51.6 77.4
63 32.9 27.4 41.2

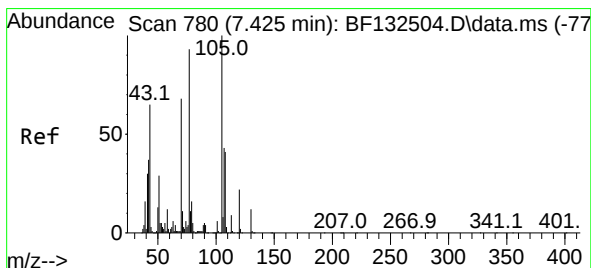
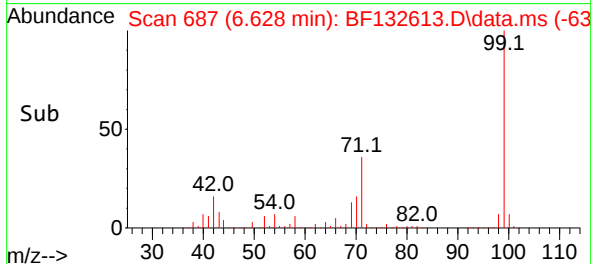
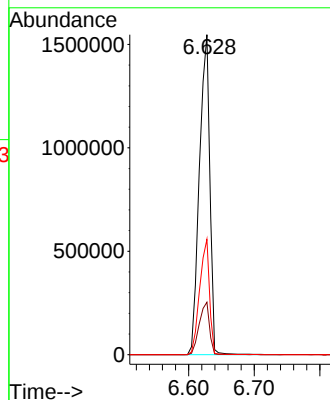
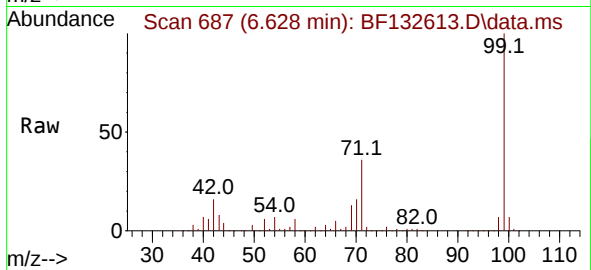




#7
Phenol-d6
Concen: 103.872 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

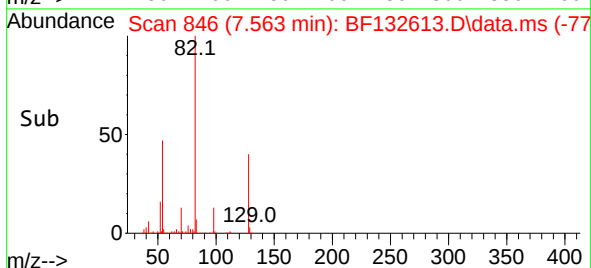
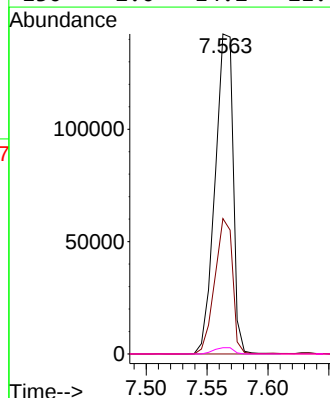
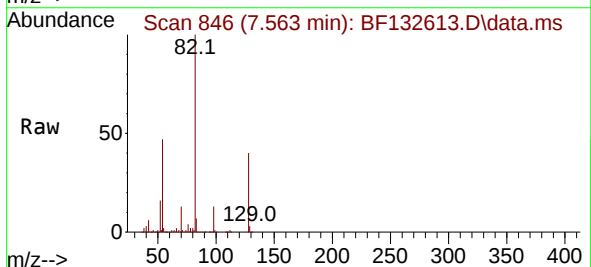
Instrument :
BNA_F
ClientSampleId :
CF-8

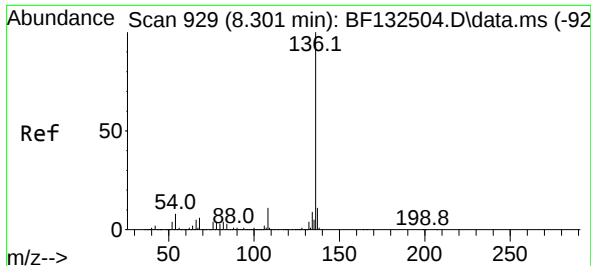
Tgt Ion: 99 Resp: 1717139
Ion Ratio Lower Upper
99 100
42 16.4 13.9 20.9
71 36.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.446 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

Tgt Ion: 70 Resp: 146976
Ion Ratio Lower Upper
70 100
42 42.3 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



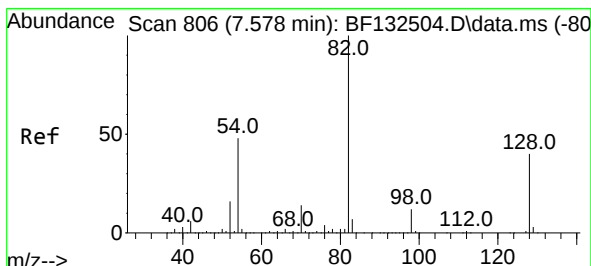
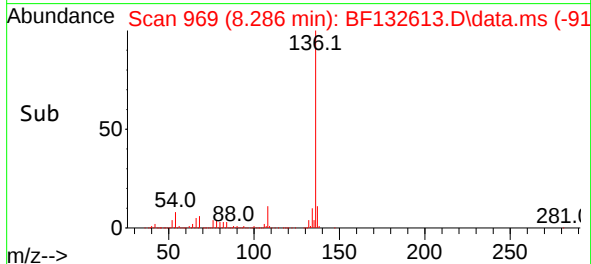
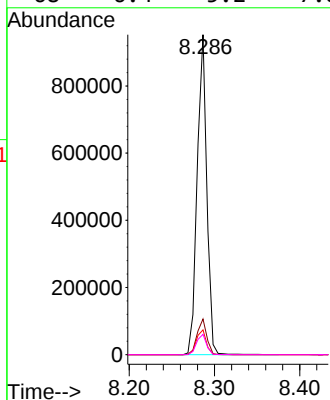
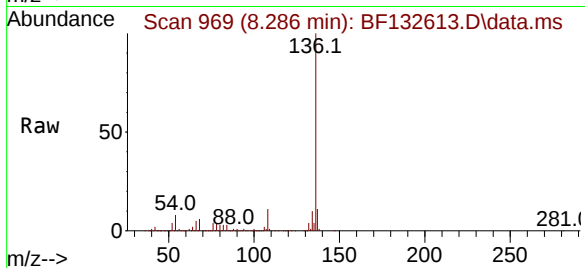


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

Instrument :
BNA_F
ClientSampleId :
CF-8

Tgt Ion:136 Resp: 748414

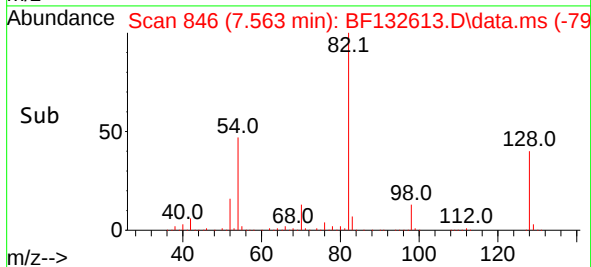
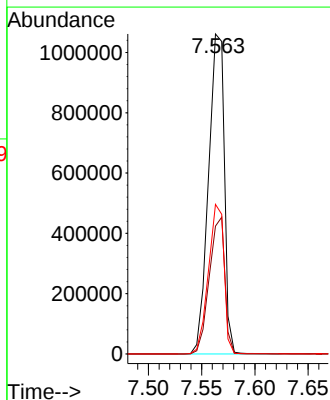
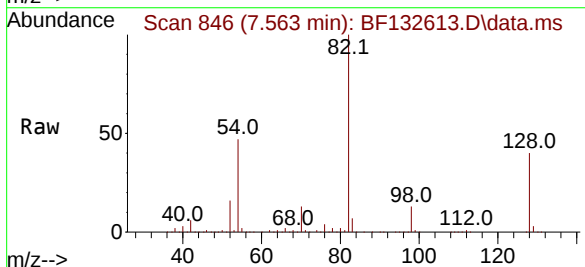
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.7	6.2	9.4
68	6.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 69.983 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

Tgt Ion: 82 Resp: 1103951

Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.2	48.2
54	46.8	38.4	57.6

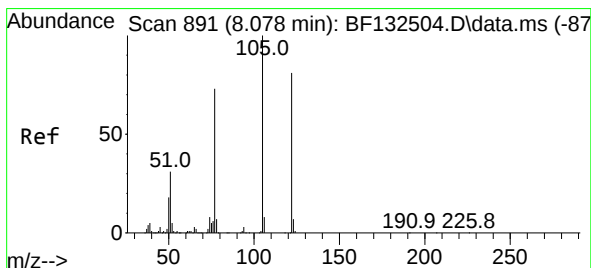
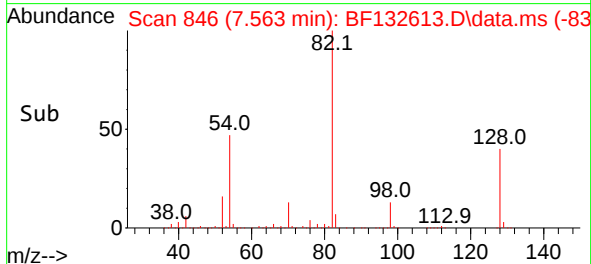
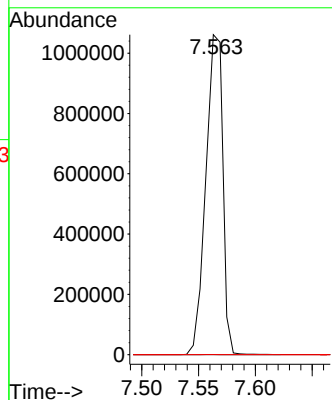
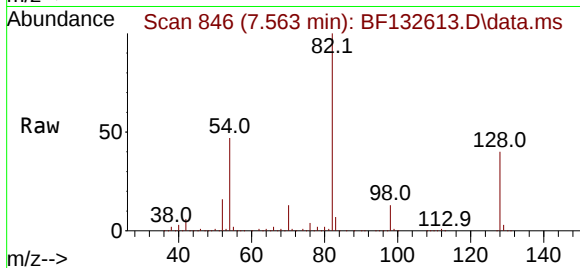




#25
Isophorone
Concen: 36.502 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

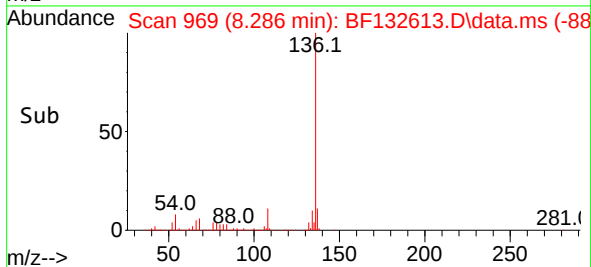
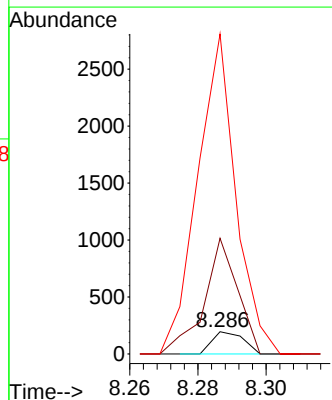
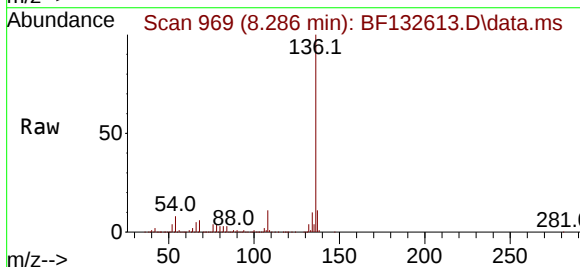
Instrument :
BNA_F
ClientSampleId :
CF-8

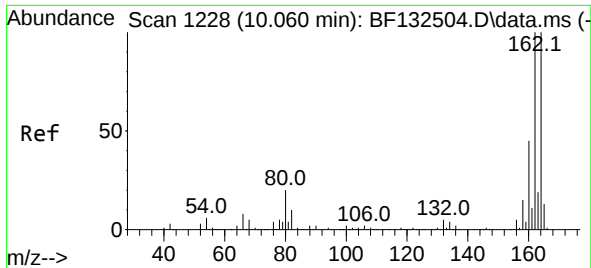
Tgt Ion: 82 Resp: 1103938
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.848 ng
RT: 8.286 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

Tgt Ion:122 Resp: 125
Ion Ratio Lower Upper
122 100
105 517.9 102.6 142.6#
77 1433.2 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.045 min Scan# 1

Delta R.T. -0.009 min

Lab File: BF132613.D

Acq: 02 Mar 2023 18:10

Instrument :

BNA_F

ClientSampleId :

CF-8

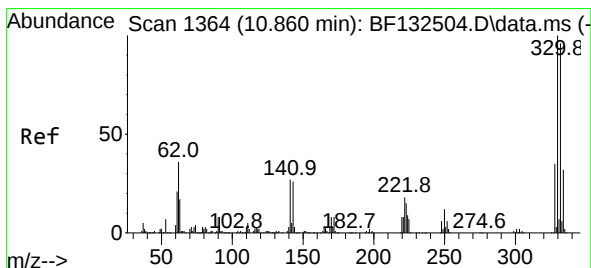
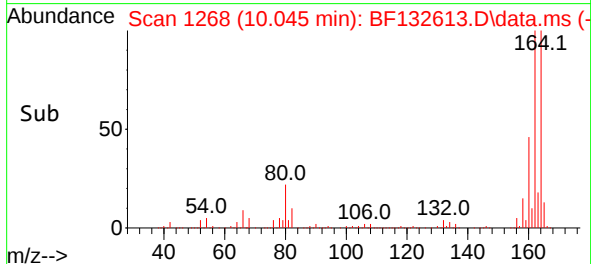
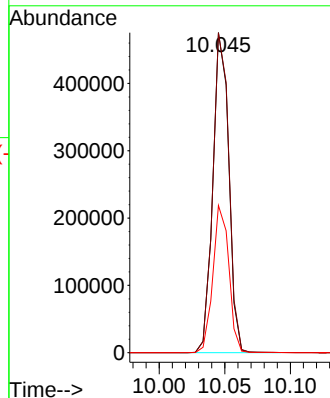
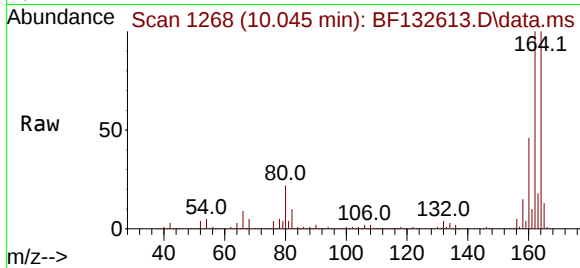
Tgt Ion:164 Resp: 402076

Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.8

160 46.0 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 92.231 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132613.D

Acq: 02 Mar 2023 18:10

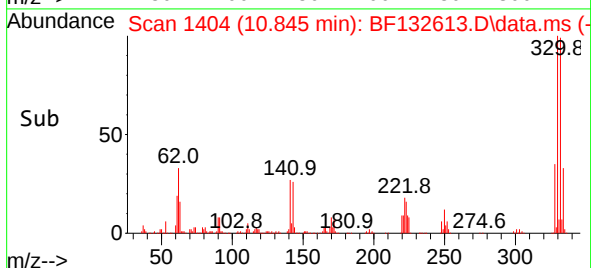
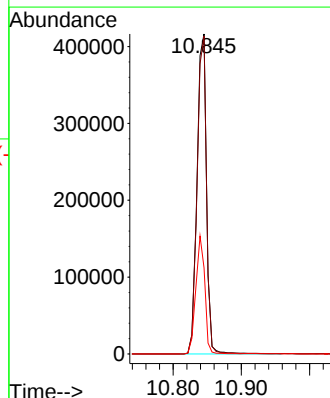
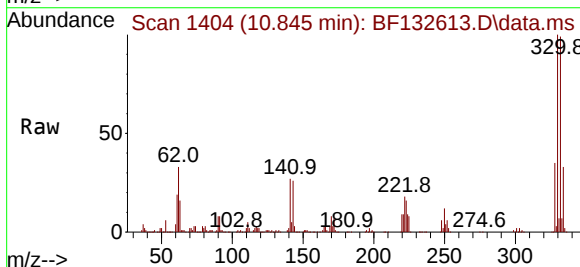
Tgt Ion:330 Resp: 400489

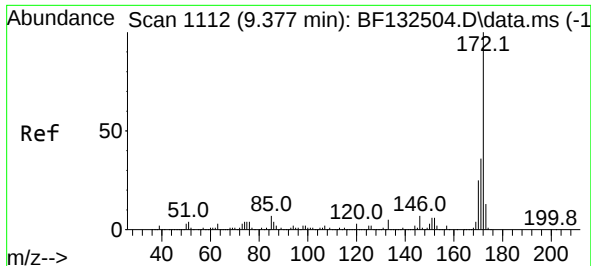
Ion Ratio Lower Upper

330 100

332 98.2 76.2 114.4

141 34.9 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 69.324 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132613.D

Acq: 02 Mar 2023 18:10

Instrument :

BNA_F

ClientSampleId :

CF-8

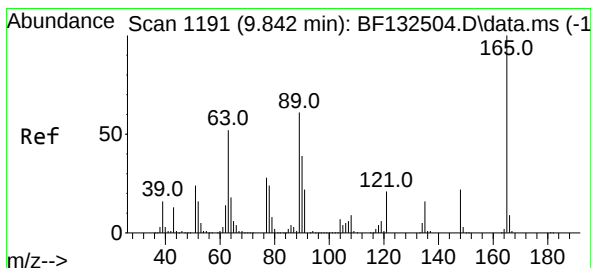
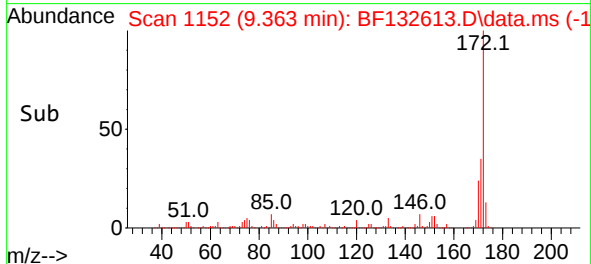
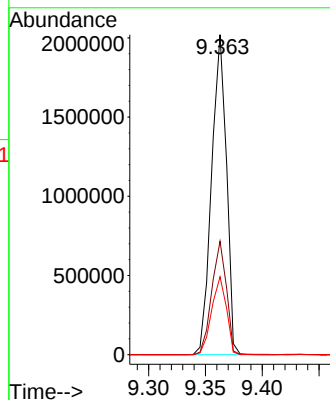
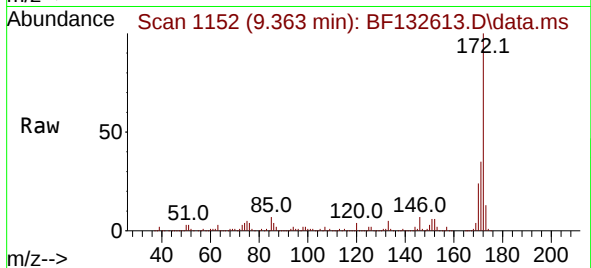
Tgt Ion:172 Resp: 1830574

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.4 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.801 ng

RT: 10.045 min Scan# 1268

Delta R.T. 0.209 min

Lab File: BF132613.D

Acq: 02 Mar 2023 18:10

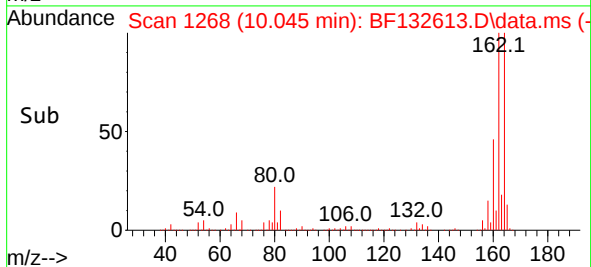
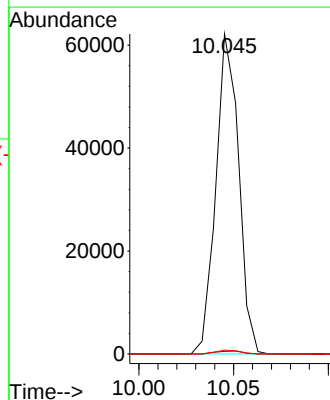
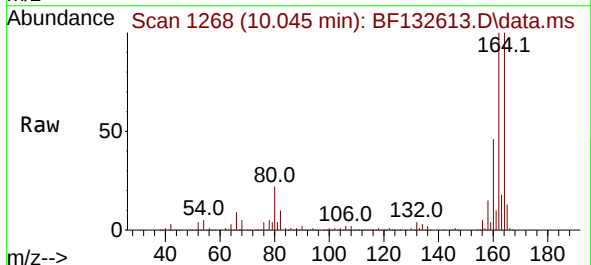
Tgt Ion:165 Resp: 52015

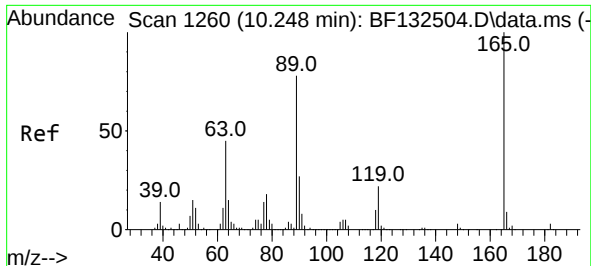
Ion Ratio Lower Upper

165 100

63 0.8 47.3 70.9#

89 1.2 48.9 73.3#

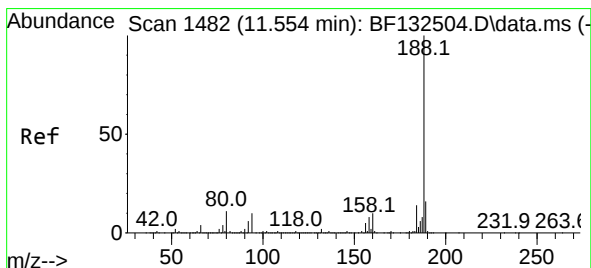
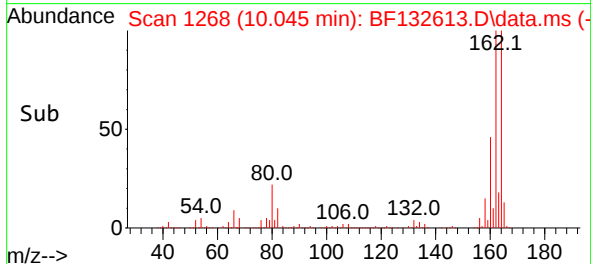
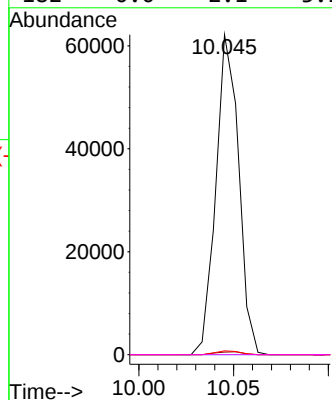
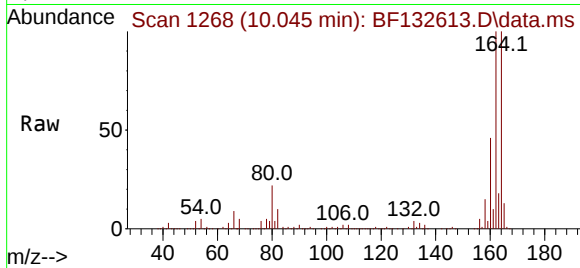




#57
2,4-Dinitrotoluene
Concen: 5.864 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

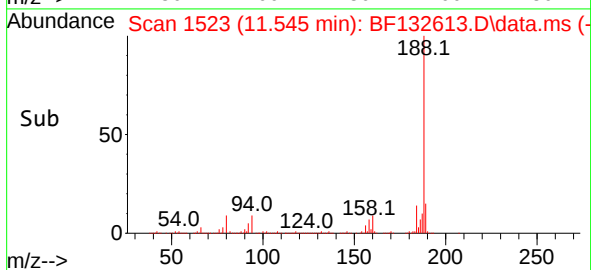
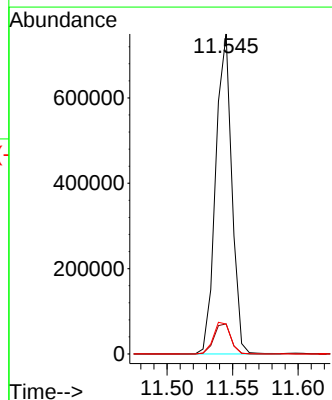
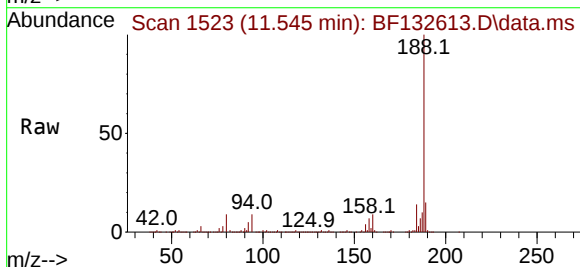
Instrument :
BNA_F
ClientSampleId :
CF-8

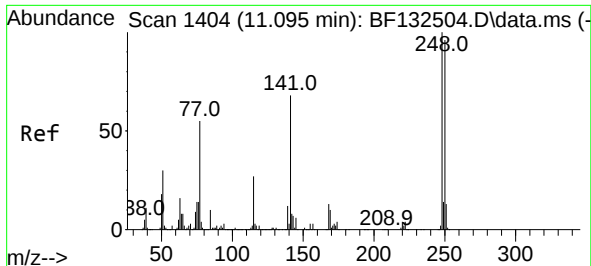
Tgt Ion:165 Resp: 52015
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

Tgt Ion:188 Resp: 640198
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 9.4 8.7 13.1

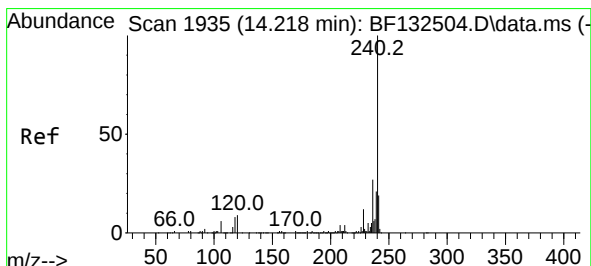
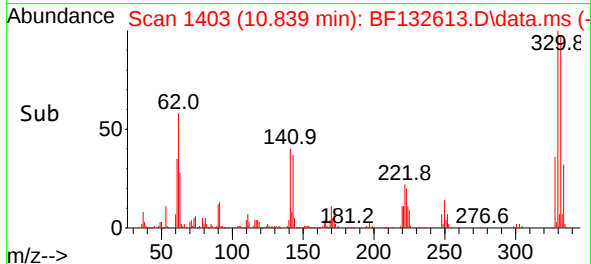
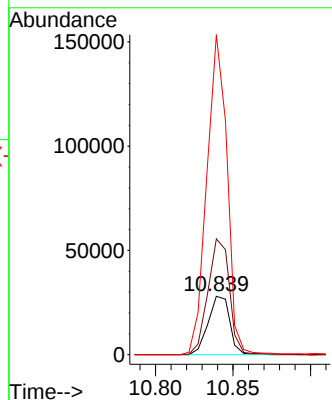
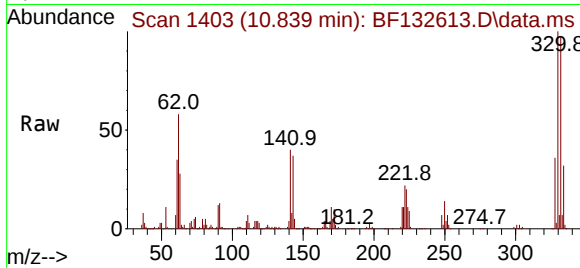




#67
4-Bromophenyl-phenylether
Concen: 3.756 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.250 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

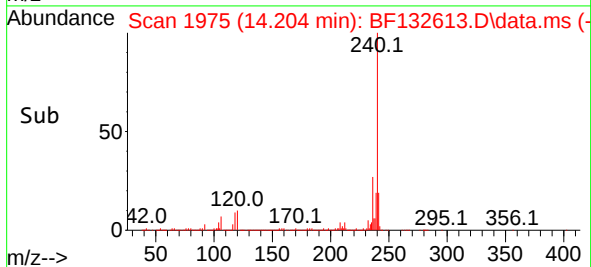
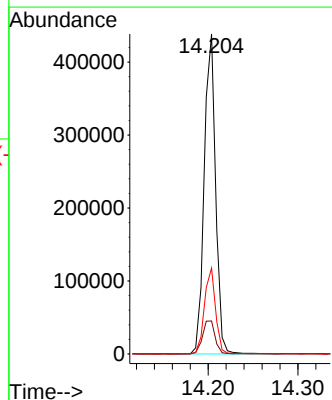
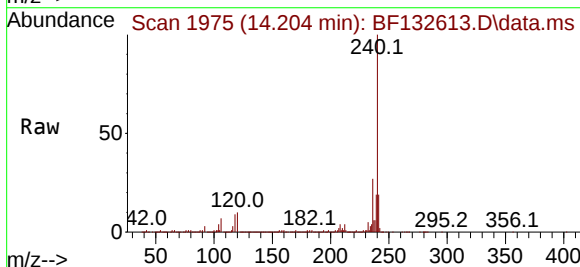
Instrument :
BNA_F
ClientSampleId :
CF-8

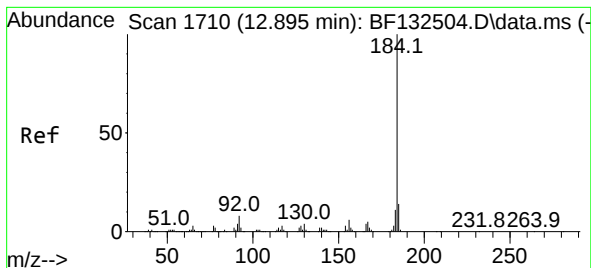
Tgt Ion:248 Resp: 27199
Ion Ratio Lower Upper
248 100
250 198.4 77.0 115.4#
141 548.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

Tgt Ion:240 Resp: 386399
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 26.9 21.8 32.6





#77

Benzidine

Concen: 2.303 ng

RT: 13.133 min Scan# 1793

Delta R.T. 0.250 min

Lab File: BF132613.D

Acq: 02 Mar 2023 18:10

Instrument :

BNA_F

ClientSampleId :

CF-8

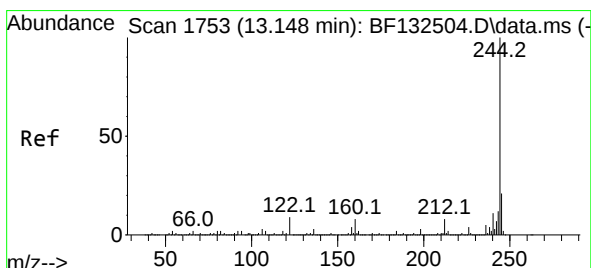
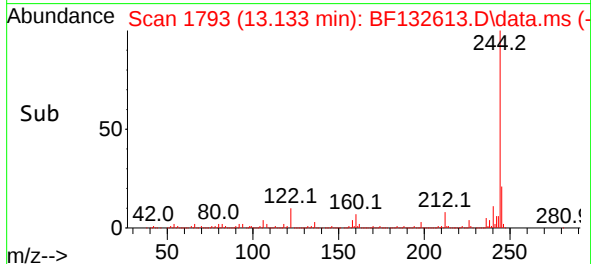
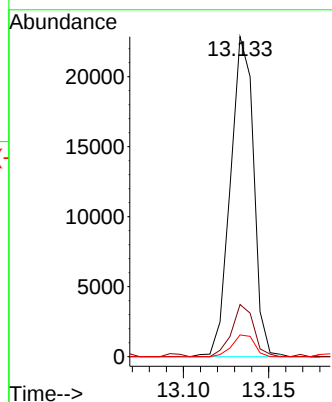
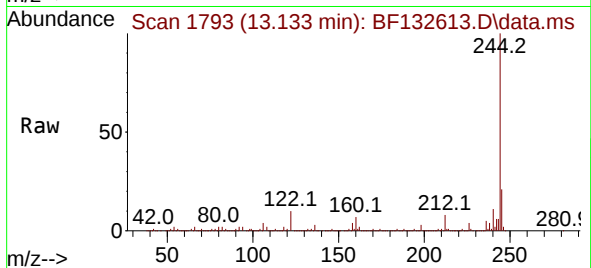
Tgt Ion:184 Resp: 21660

Ion Ratio Lower Upper

184 100

185 16.3 11.7 17.5

183 6.8 8.7 13.1#



#79

Terphenyl-d14

Concen: 67.684 ng

RT: 13.133 min Scan# 1793

Delta R.T. -0.009 min

Lab File: BF132613.D

Acq: 02 Mar 2023 18:10

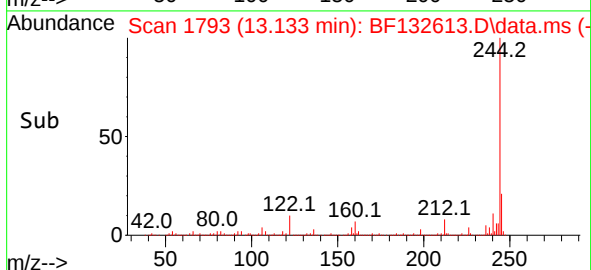
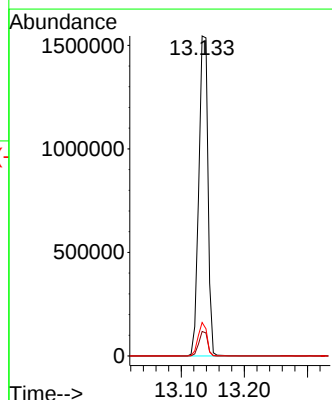
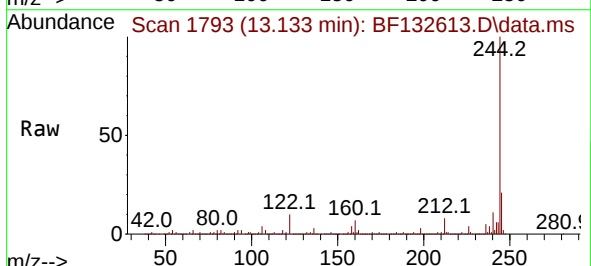
Tgt Ion:244 Resp: 1546830

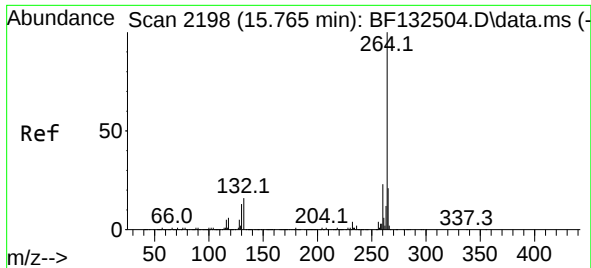
Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 10.5 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: BF132613.D
Acq: 02 Mar 2023 18:10

Instrument :
BNA_F
ClientSampleId :
CF-8

Tgt Ion:264 Resp: 399441
Ion Ratio Lower Upper
264 100
260 25.2 18.8 28.2
265 21.7 17.1 25.7

