

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131244.D
 Acq On : 15 Nov 2022 21:44
 Operator : CG\JU
 Sample : PB148901BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 16 07:03:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

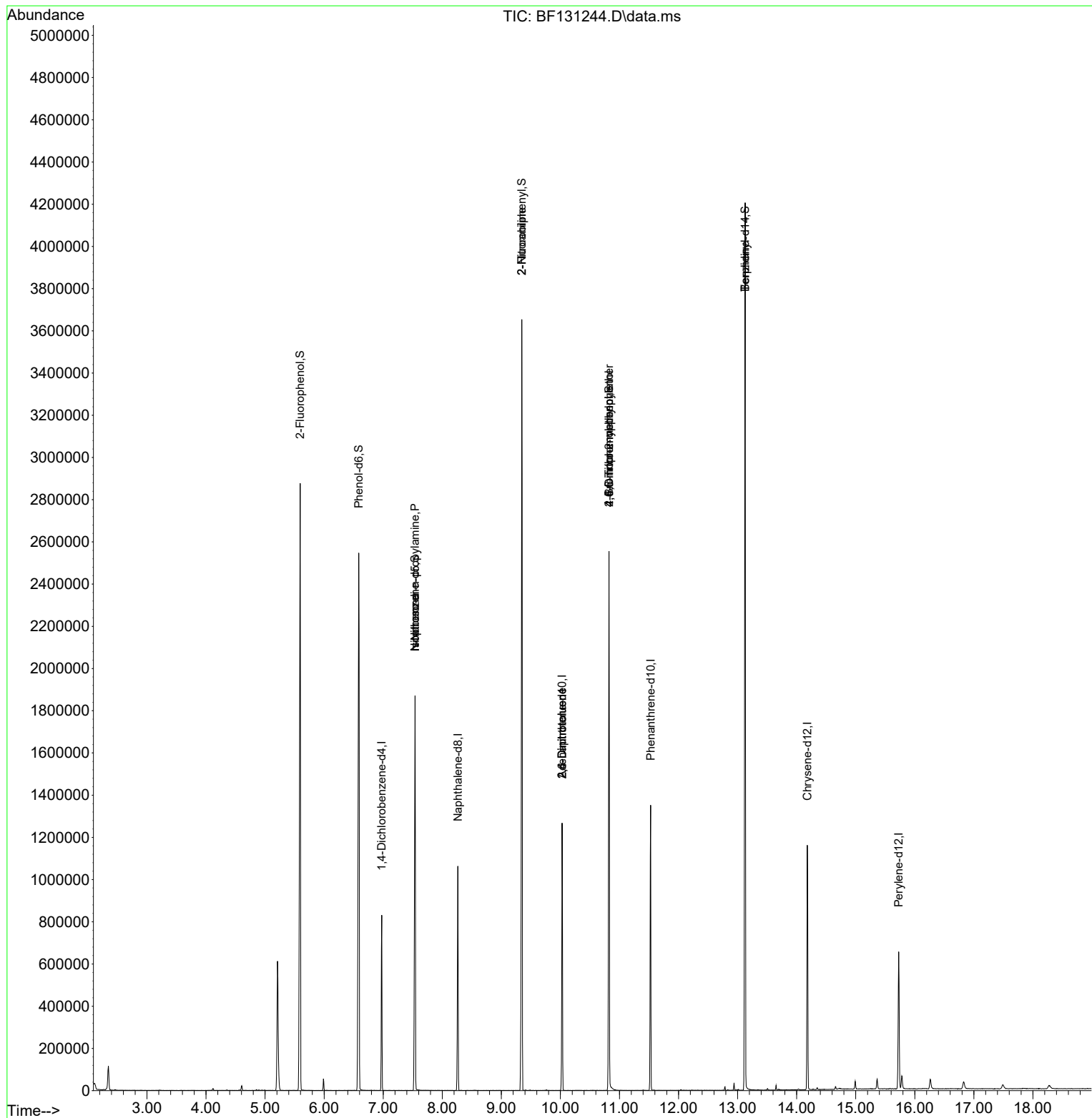
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	109934	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	429155	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	249763	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	467192	20.000	ng	0.00
76) Chrysene-d12	14.180	240	390443	20.000	ng	0.00
86) Perylene-d12	15.727	264	307400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	770676	124.136	ng	0.02
7) Phenol-d6	6.587	99	978413	124.428	ng	0.00
23) Nitrobenzene-d5	7.540	82	626343	81.920	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	294456	123.422	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1219512	71.453	ng	0.00
79) Terphenyl-d14	13.127	244	1528265	67.217	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.540	70	88162	16.090	ng	# 76
25) Isophorone	7.540	82	625947	40.980	ng	# 67
48) 2-Nitroaniline	9.345	65	2341	4.487	ng	# 1
51) 2,6-Dinitrotoluene	10.028	165	32241	11.592	ng	# 23
57) 2,4-Dinitrotoluene	10.028	165	32241	10.987	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.822	198	716	8.301	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	19623	3.577	ng	# 1
77) Benzidine	13.127	184	21035	2.514	ng	# 96

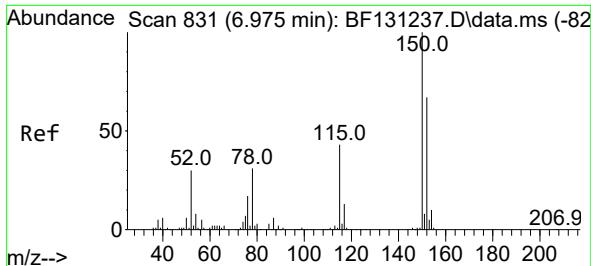
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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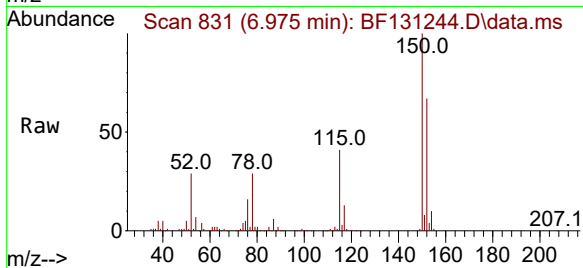
Quant Time: Nov 16 07:03:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
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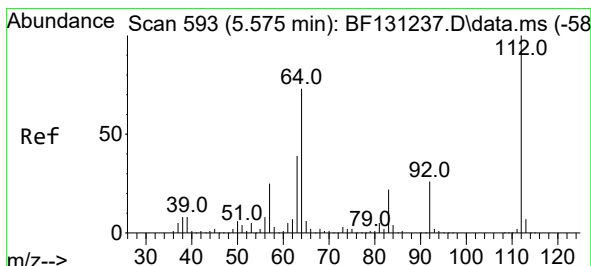
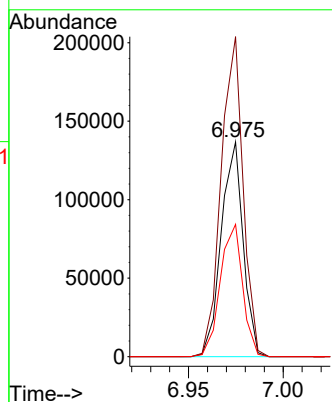
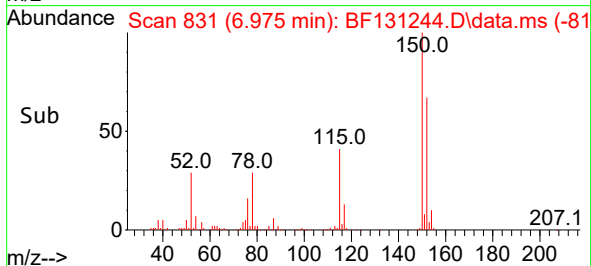


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

Instrument :
BNA_N
ClientSampleId :

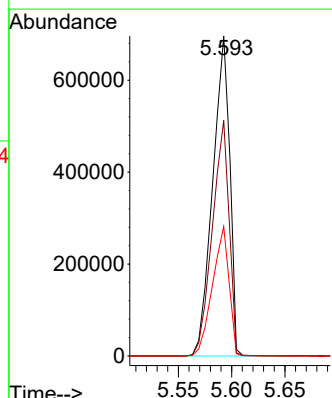
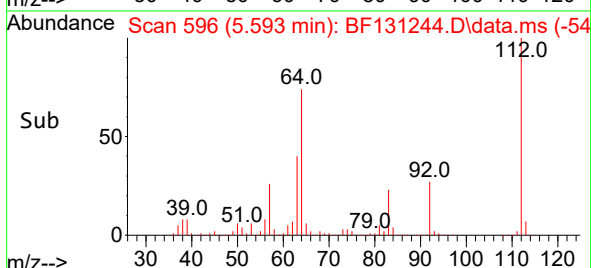
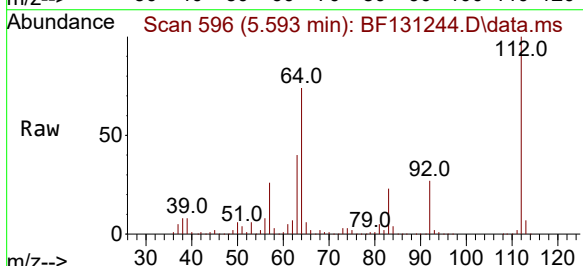


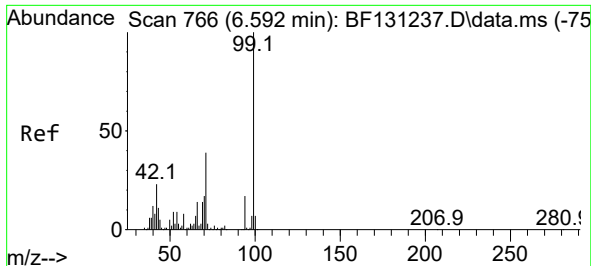
Tgt Ion:152 Resp: 109934
Ion Ratio Lower Upper
152 100
150 149.0 120.2 180.4
115 61.6 51.8 77.8



#5
2-Fluorophenol
Concen: 124.136 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.018 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

Tgt Ion:112 Resp: 770676
Ion Ratio Lower Upper
112 100
64 73.6 58.4 87.6
63 40.5 31.6 47.4

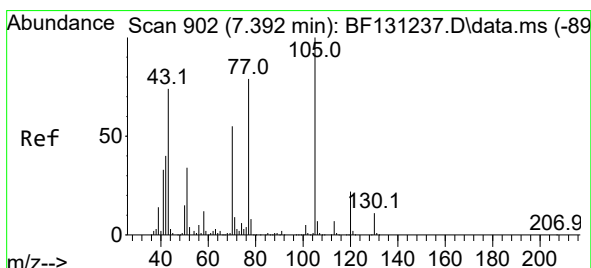
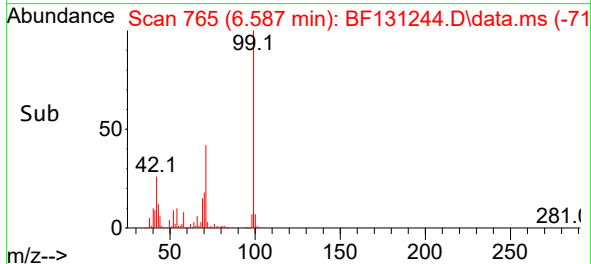
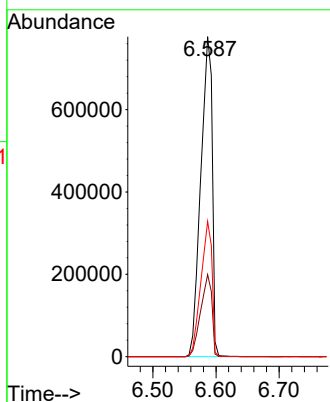
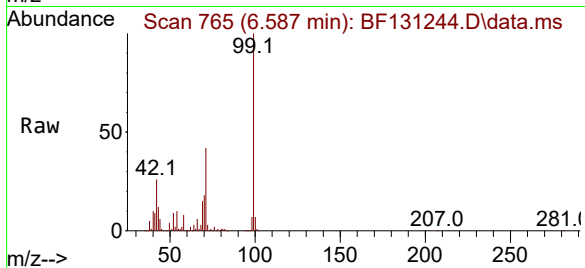




#7
Phenol-d6
Concen: 124.428 ng
RT: 6.587 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

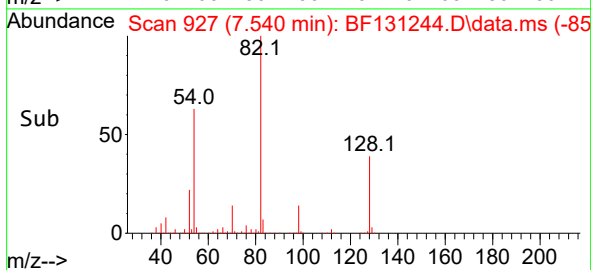
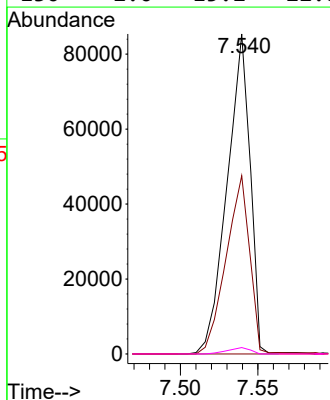
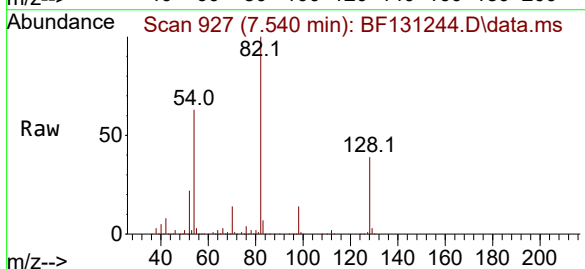
Instrument :
BNA_N
ClientSampleId :

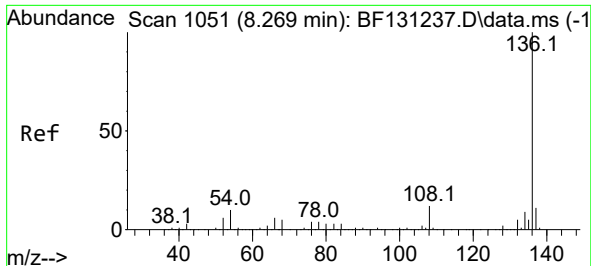
Tgt Ion: 99 Resp: 978413
Ion Ratio Lower Upper
99 100
42 25.6 18.6 28.0
71 42.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.090 ng
RT: 7.540 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

Tgt Ion: 70 Resp: 88162
Ion Ratio Lower Upper
70 100
42 55.7 58.3 87.5#
101 0.0 7.2 10.8#
130 2.0 15.2 22.8#

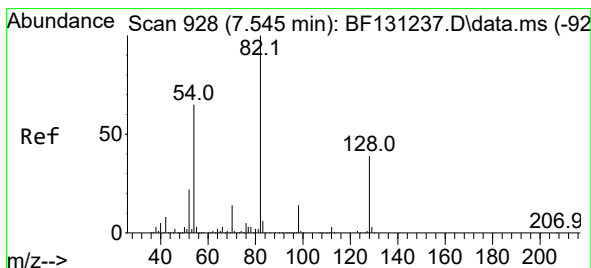
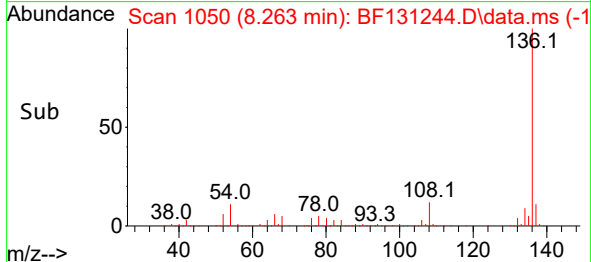
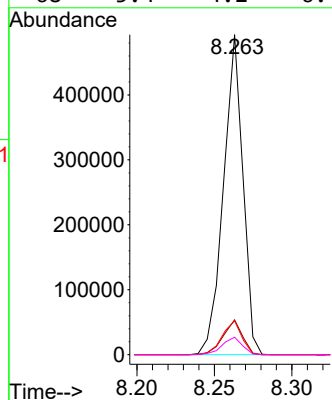
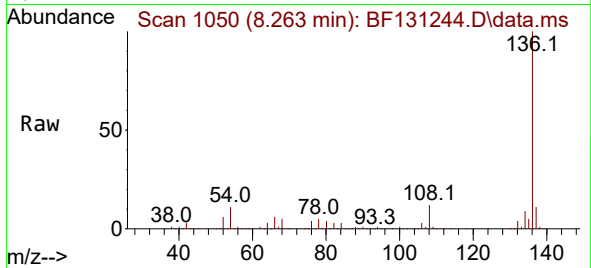




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

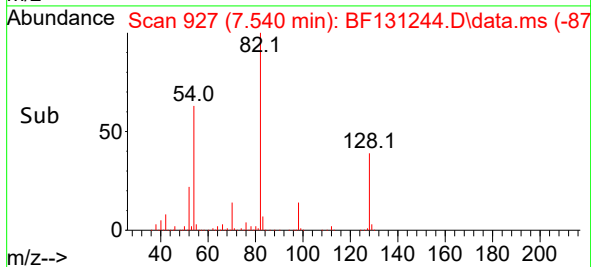
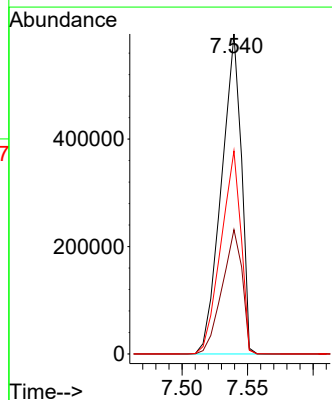
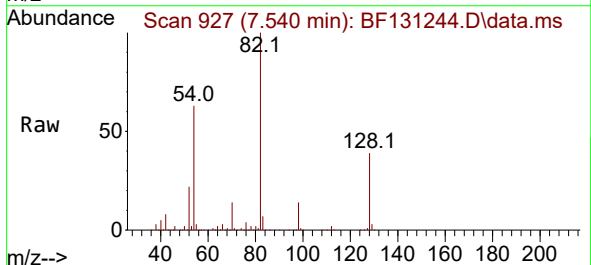
Instrument :
BNA_N
ClientSampleId :

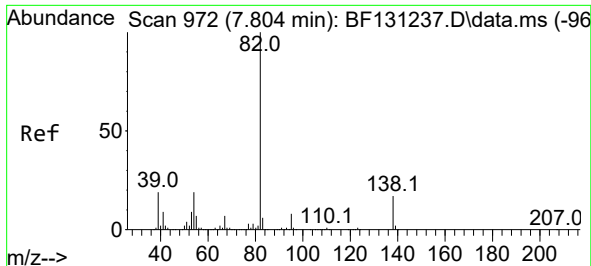
Tgt Ion:	136	Resp:	429155
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.6	7.8	11.8
68	5.4	4.2	6.4



#23
Nitrobenzene-d5
Concen: 81.920 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.005 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

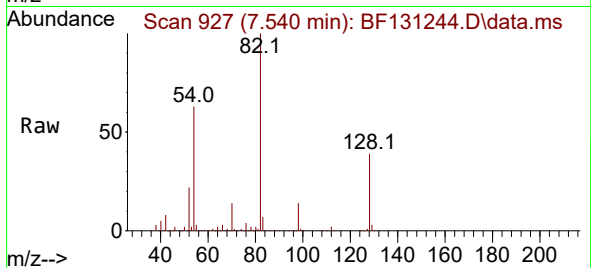
Tgt Ion:	82	Resp:	626343
Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.1	46.7
54	63.4	51.8	77.6



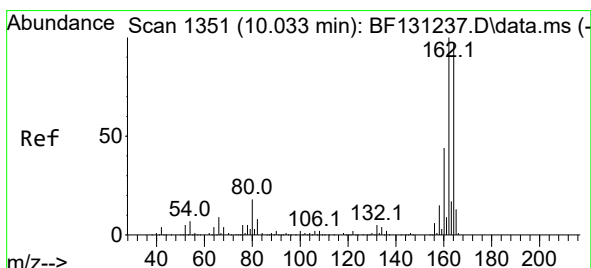
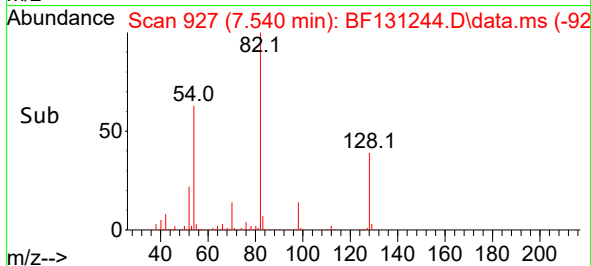
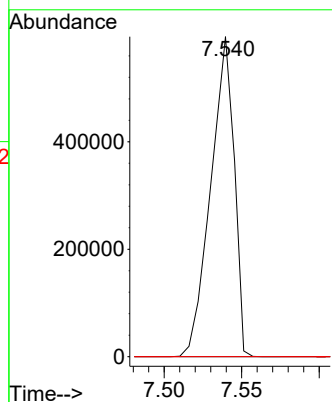


#25
Isophorone
Concen: 40.980 ng
RT: 7.540 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

Instrument :
BNA_N
ClientSampleId :

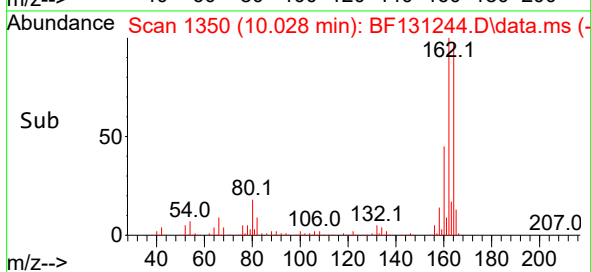
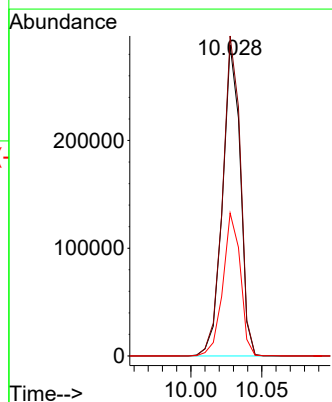
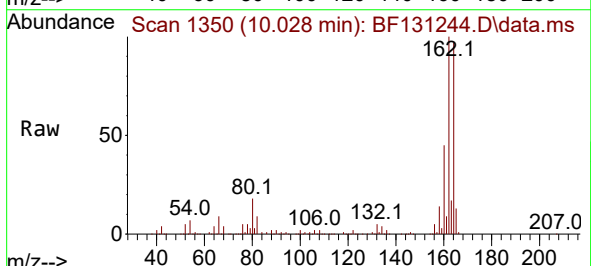


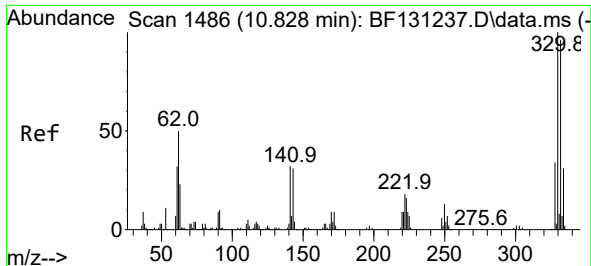
Tgt Ion: 82 Resp: 625947
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.005 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

Tgt Ion:164 Resp: 249763
Ion Ratio Lower Upper
164 100
162 102.8 82.1 123.1
160 45.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 123.422 ng

RT: 10.822 min Scan# 1486

Delta R.T. -0.006 min

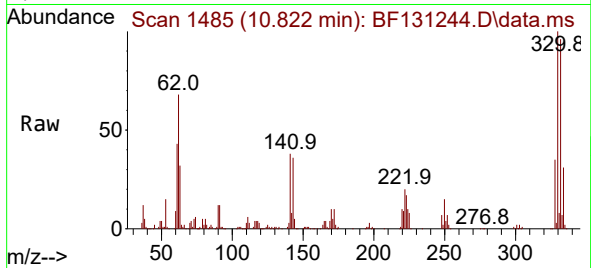
Lab File: BF131244.D

Acq: 15 Nov 2022 21:44

Instrument :

BNA_N

ClientSampleId :



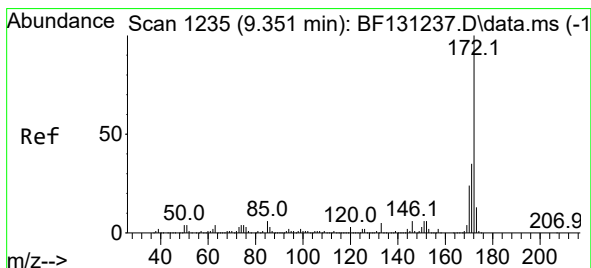
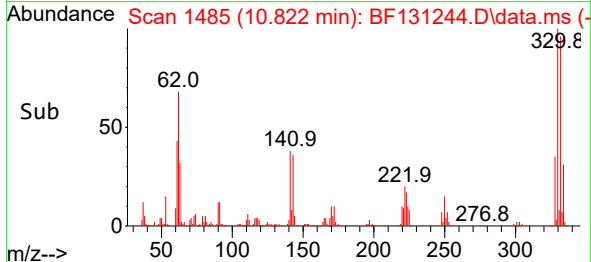
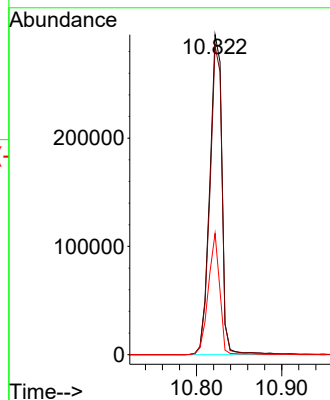
Tgt Ion:330 Resp: 294456

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 35.5 29.6 44.4



#45

2-Fluorobiphenyl

Concen: 71.453 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF131244.D

Acq: 15 Nov 2022 21:44

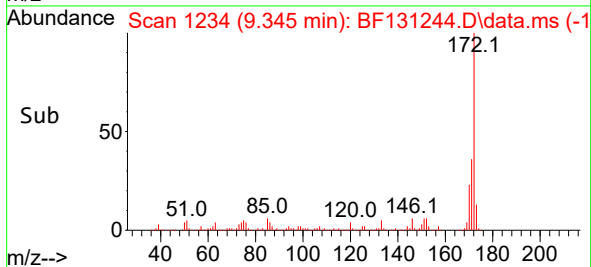
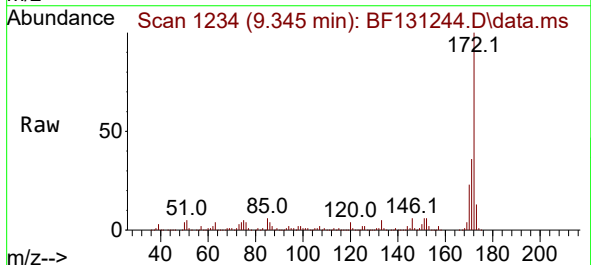
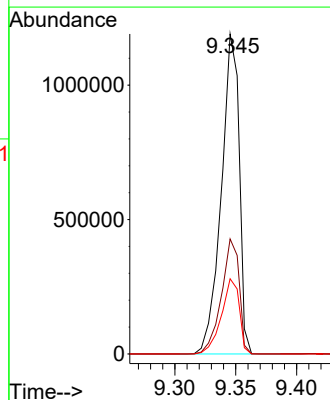
Tgt Ion:172 Resp: 1219512

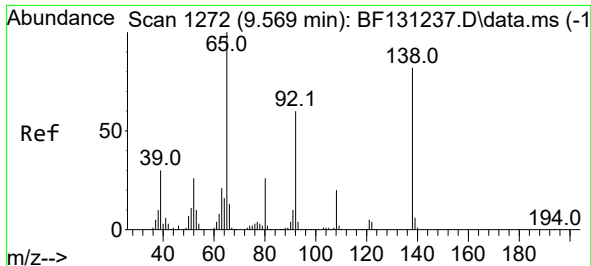
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.5 18.8 28.2

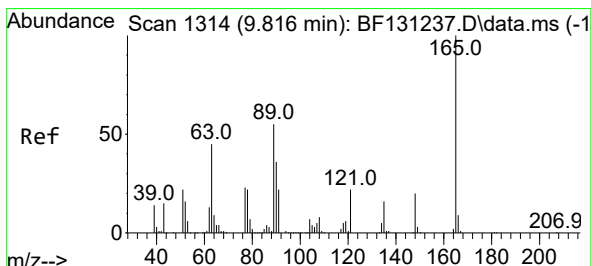
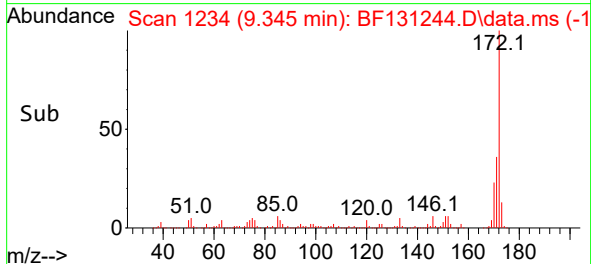
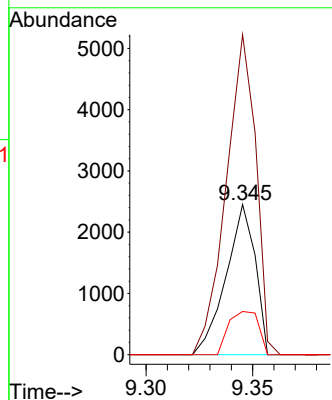
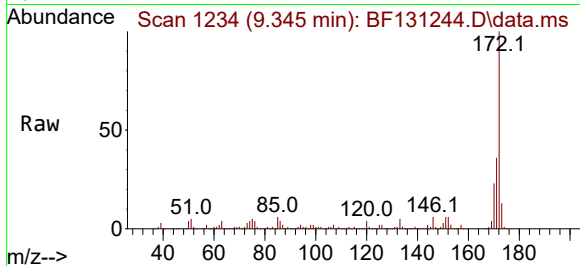




#48
2-Nitroaniline
Concen: 4.487 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

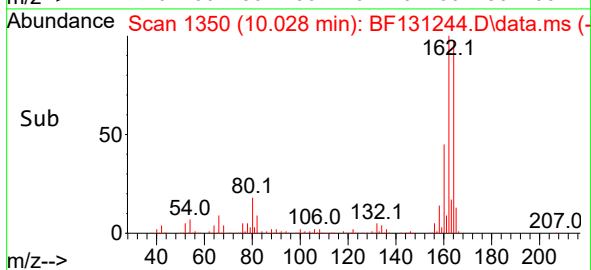
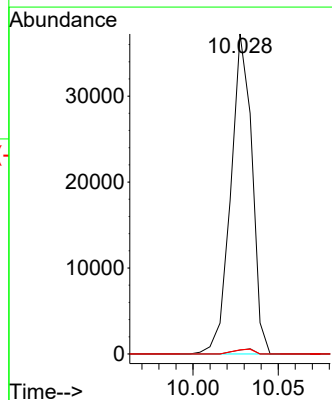
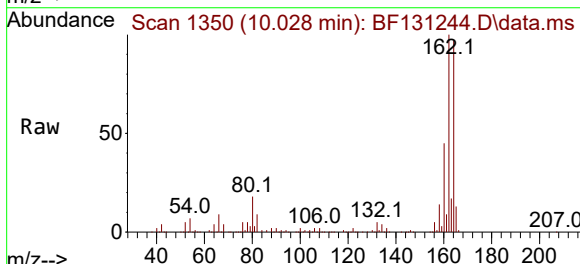
Instrument :
BNA_N
ClientSampleId :

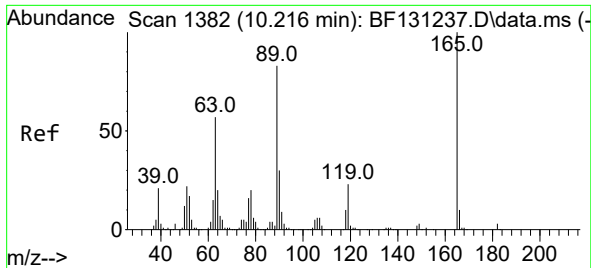
Tgt Ion: 65 Resp: 2341
Ion Ratio Lower Upper
65 100
92 213.0 48.2 72.2#
138 28.8 65.8 98.8#



#51
2,6-Dinitrotoluene
Concen: 11.592 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.212 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

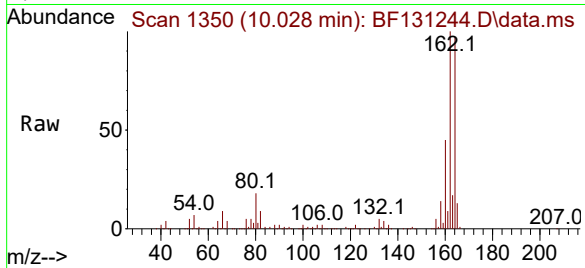
Tgt Ion: 165 Resp: 32241
Ion Ratio Lower Upper
165 100
63 1.2 49.8 74.6#
89 1.3 44.5 66.7#



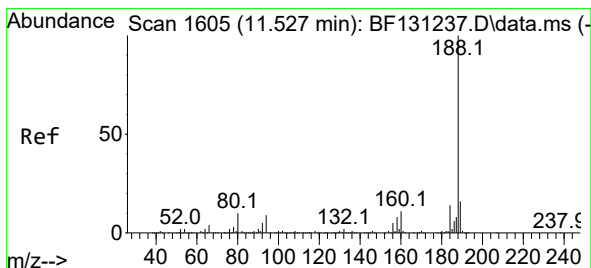
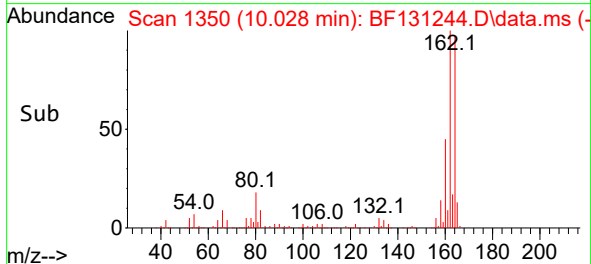
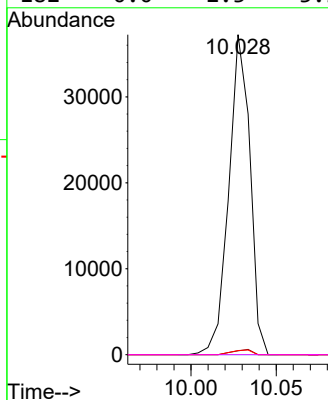


#57
2,4-Dinitrotoluene
Concen: 10.987 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

Instrument :
BNA_N
ClientSampleId :

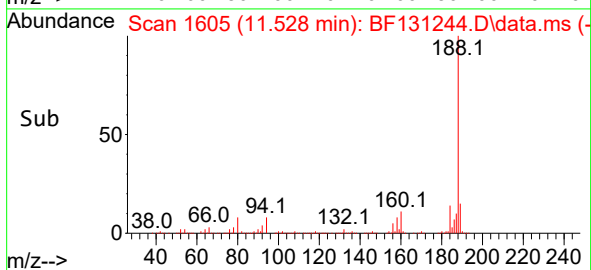
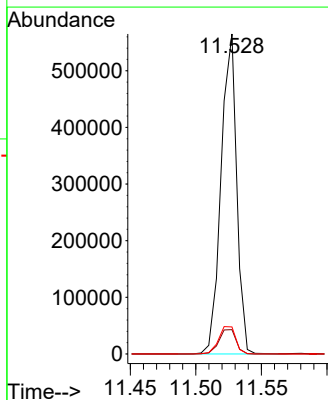
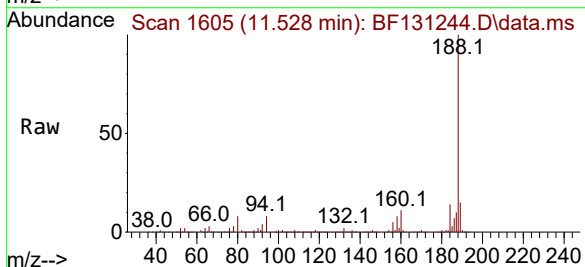


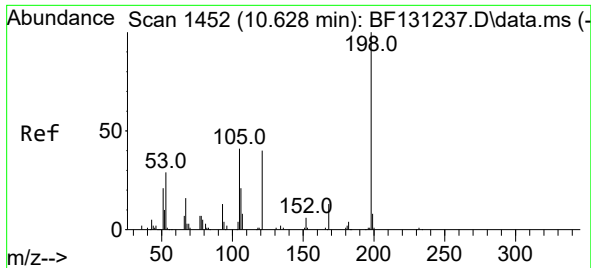
Tgt Ion:165 Resp: 32241
Ion Ratio Lower Upper
165 100
63 1.2 46.0 69.0#
89 1.3 66.2 99.4#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

Tgt Ion:188 Resp: 467192
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.4 8.0 12.0

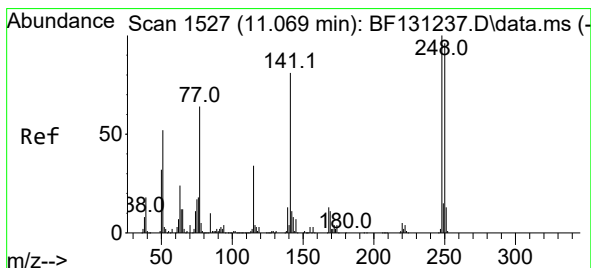
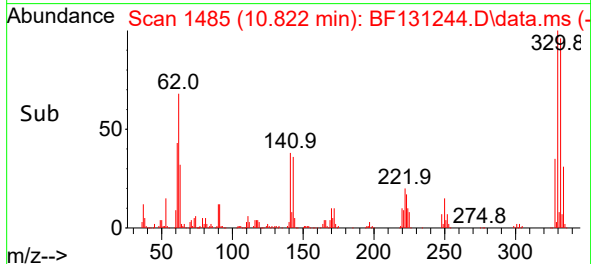
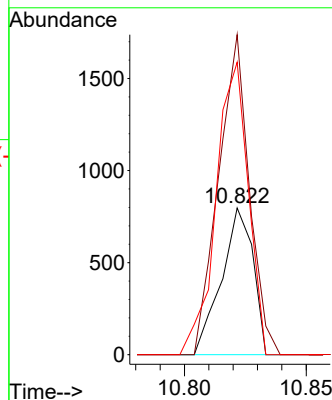
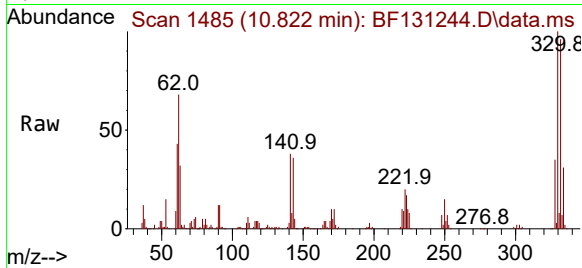




#65
4,6-Dinitro-2-methylphenol
Concen: 8.301 ng
RT: 10.822 min Scan# 1452
Delta R.T. 0.194 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

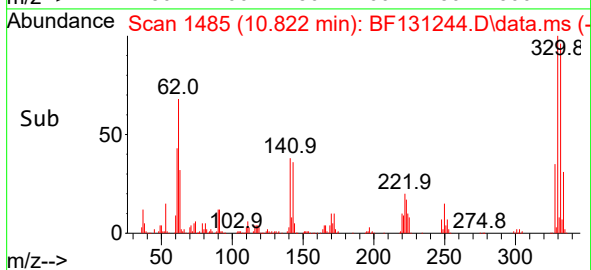
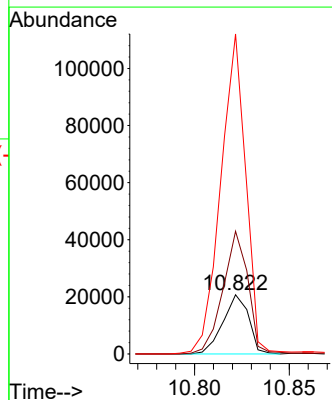
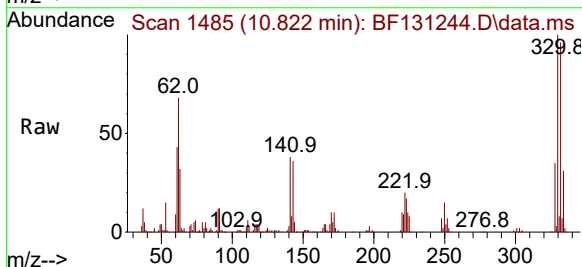
Instrument :
BNA_N
ClientSampleId :

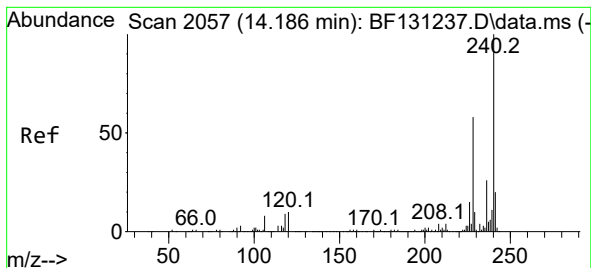
Tgt Ion:198 Resp: 716
Ion Ratio Lower Upper
198 100
51 218.1 29.4 69.4#
105 199.4 22.2 62.2#



#67
4-Bromophenyl-phenylether
Concen: 3.577 ng
RT: 10.822 min Scan# 1485
Delta R.T. -0.247 min
Lab File: BF131244.D
Acq: 15 Nov 2022 21:44

Tgt Ion:248 Resp: 19623
Ion Ratio Lower Upper
248 100
250 207.3 76.6 114.8#
141 540.5 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BF131244.D

Acq: 15 Nov 2022 21:44

Instrument :

BNA_N

ClientSampleId :

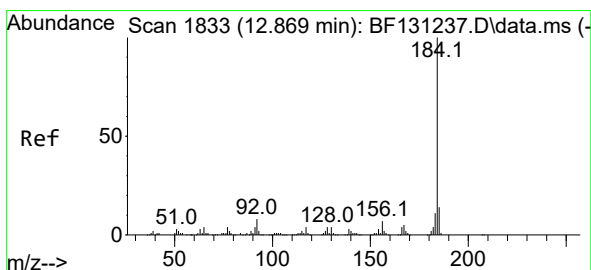
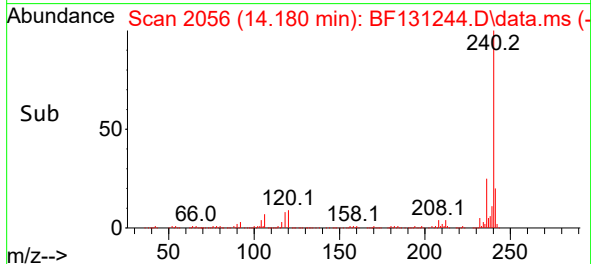
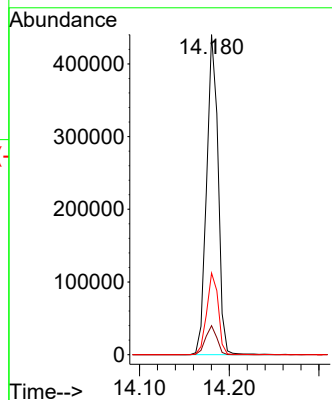
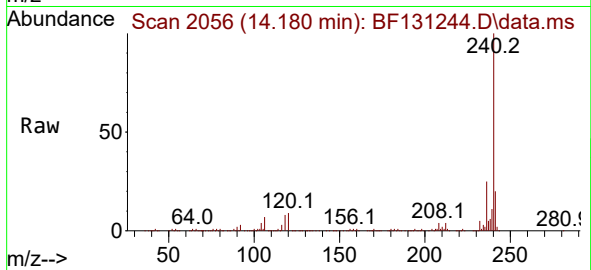
Tgt Ion:240 Resp: 390443

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

236 25.5 20.6 31.0



#77

Benidine

Concen: 2.514 ng

RT: 13.127 min Scan# 1877

Delta R.T. 0.258 min

Lab File: BF131244.D

Acq: 15 Nov 2022 21:44

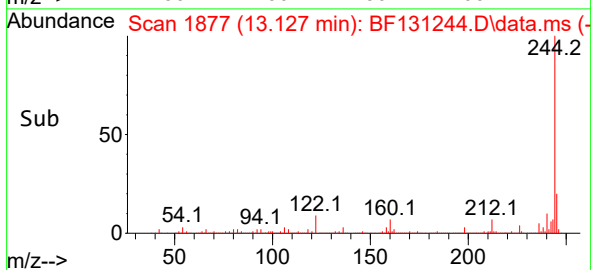
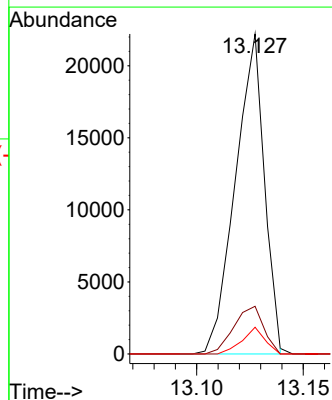
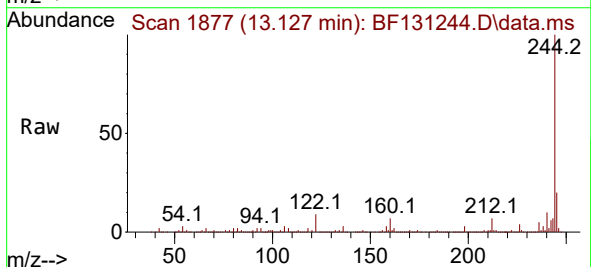
Tgt Ion:184 Resp: 21035

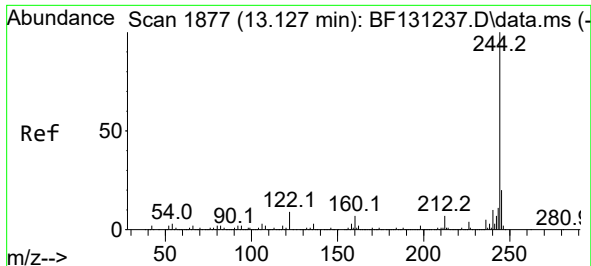
Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

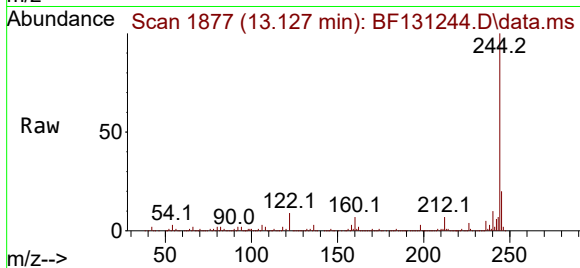
183 8.3 9.0 13.4#



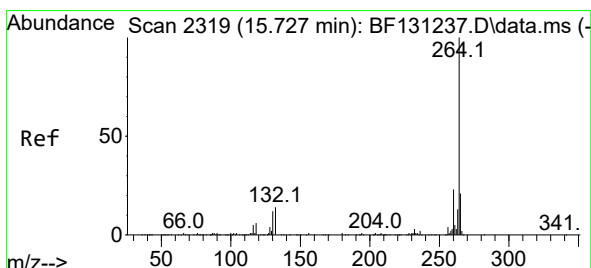
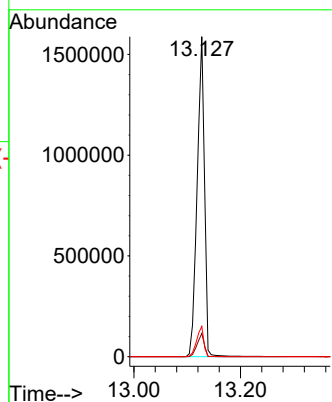
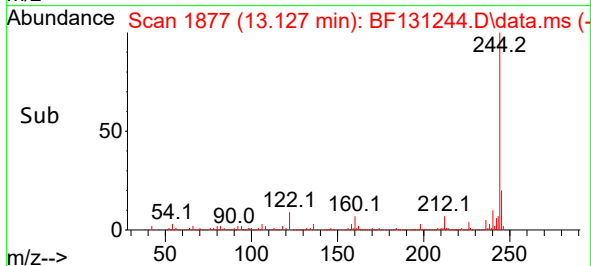


#79
 Terphenyl-d14
 Concen: 67.217 ng
 RT: 13.127 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BF131244.D
 Acq: 15 Nov 2022 21:44

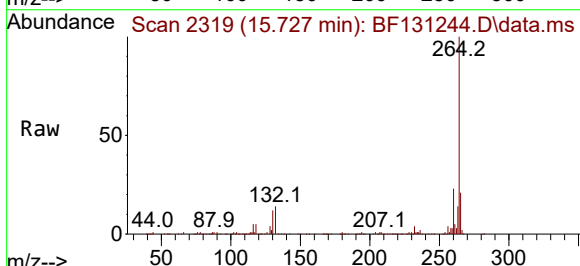
Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:244 Resp: 1528265
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.4 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 2319
 Delta R.T. 0.000 min
 Lab File: BF131244.D
 Acq: 15 Nov 2022 21:44



Tgt Ion:264 Resp: 307400
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.0 16.6 24.8

