

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131242.D
 Acq On : 15 Nov 2022 20:43
 Operator : CG\JU
 Sample : PB148983BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148983BL

Quant Time: Nov 16 07:03:23 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)

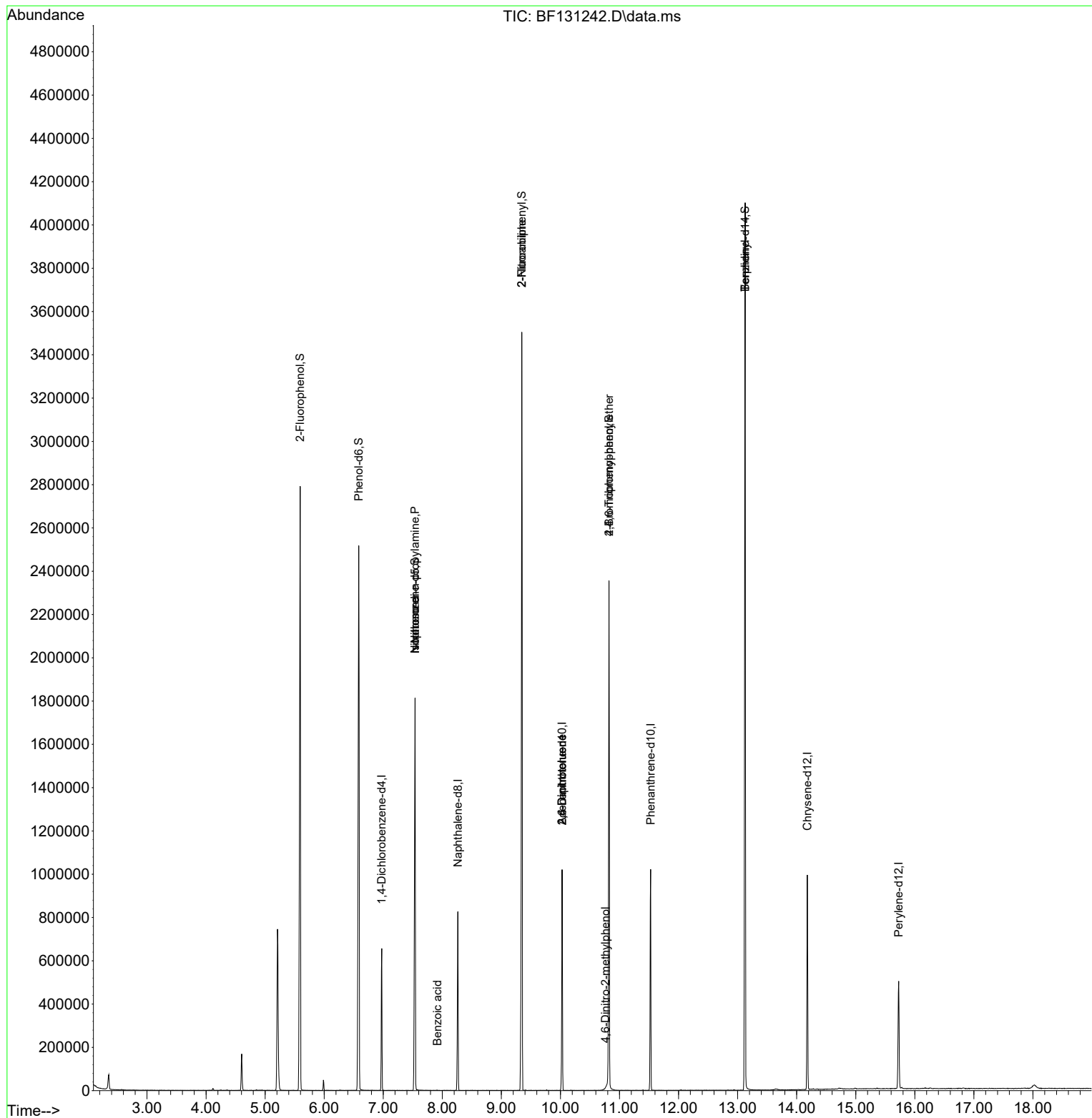
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	89829	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	337959	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	198473	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	370031	20.000	ng	0.00
76) Chrysene-d12	14.180	240	312536	20.000	ng	0.00
86) Perylene-d12	15.727	264	243039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	749593	147.764	ng	0.02
7) Phenol-d6	6.587	99	942001	146.610	ng	0.00
23) Nitrobenzene-d5	7.539	82	611677	101.590	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	261617	137.996	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1186373	87.475	ng	0.00
79) Terphenyl-d14	13.127	244	1489884	81.864	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.539	70	84839	18.949	ng	# 76
25) Isophorone	7.539	82	610898	50.787	ng	# 67
32) Benzoic acid	7.916	122	294	6.238	ng	# 53
48) 2-Nitroaniline	9.345	65	2357	4.602	ng	# 1
51) 2,6-Dinitrotoluene	10.027	165	25238	11.463	ng	# 23
57) 2,4-Dinitrotoluene	10.027	165	25238	10.886	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.763	198	241	8.138	ng	# 21
67) 4-Bromophenyl-phenylether	10.822	248	17789	4.094	ng	# 1
77) Benzidine	13.127	184	20041	2.992	ng	# 95

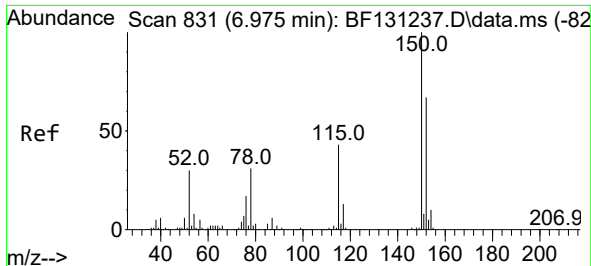
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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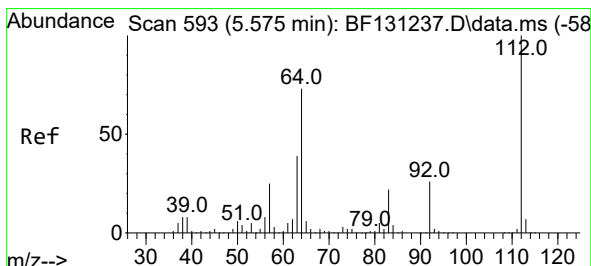
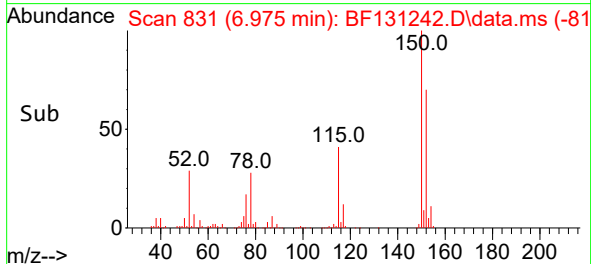
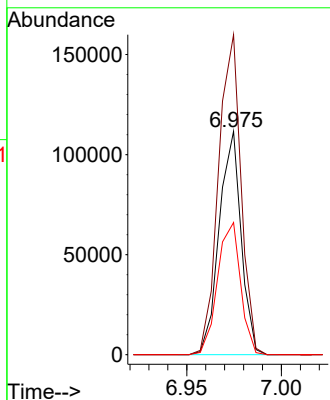
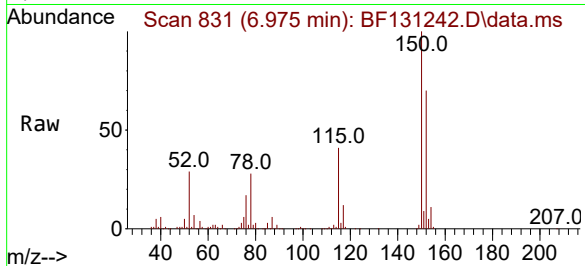




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

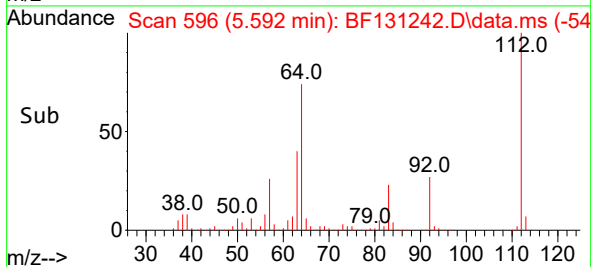
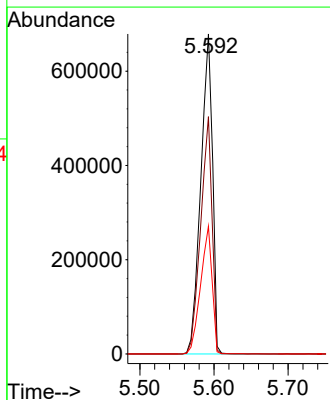
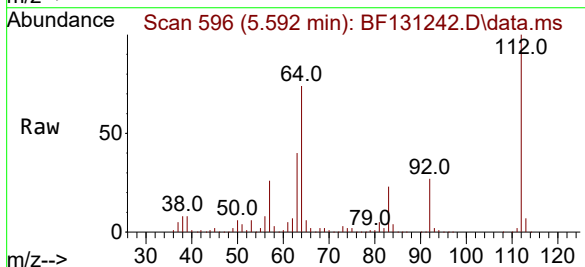
Instrument :
BNA_F
ClientSampleId :
PB148983BL

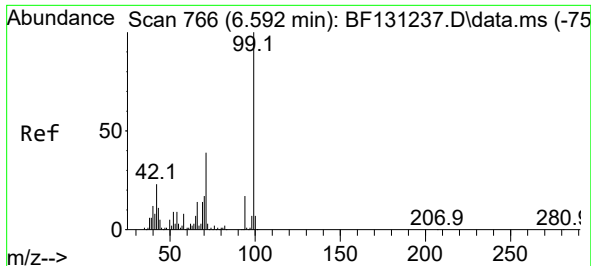
Tgt Ion:152 Resp: 89829
Ion Ratio Lower Upper
152 100
150 143.3 120.2 180.4
115 59.2 51.8 77.8



#5
2-Fluorophenol
Concen: 147.764 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.017 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

Tgt Ion:112 Resp: 749593
Ion Ratio Lower Upper
112 100
64 74.2 58.4 87.6
63 39.9 31.6 47.4

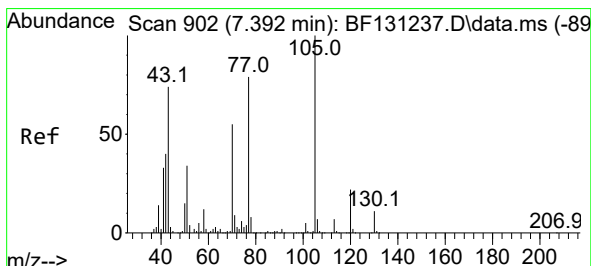
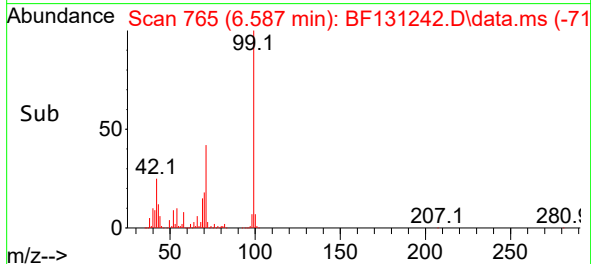
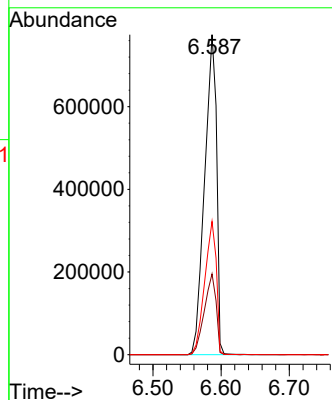
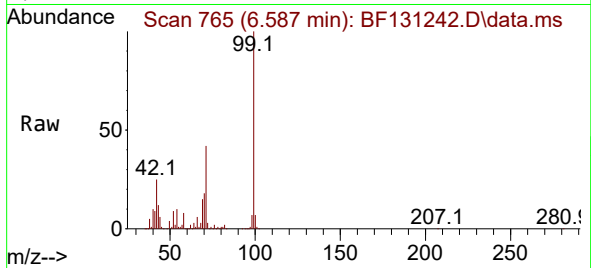




#7
Phenol-d6
Concen: 146.610 ng
RT: 6.587 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

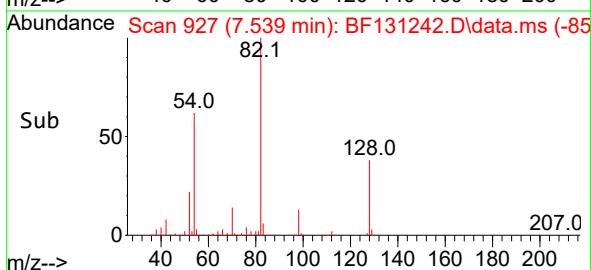
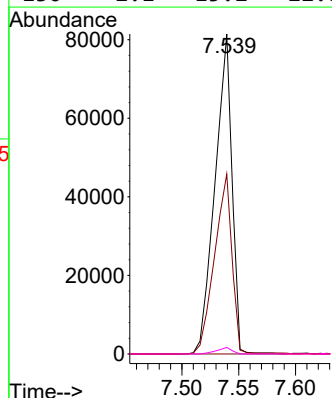
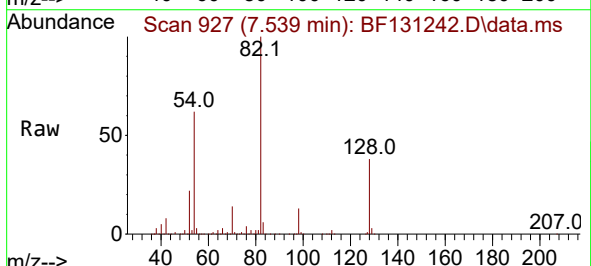
Instrument :
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ClientSampleId :
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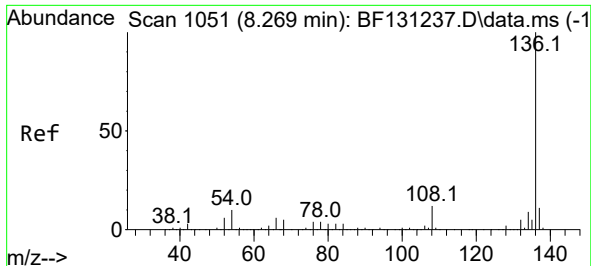
Tgt Ion: 99 Resp: 942001
Ion Ratio Lower Upper
99 100
42 25.2 18.6 28.0
71 41.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.949 ng
RT: 7.539 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

Tgt Ion: 70 Resp: 84839
Ion Ratio Lower Upper
70 100
42 56.3 58.3 87.5#
101 0.0 7.2 10.8#
130 2.1 15.2 22.8#

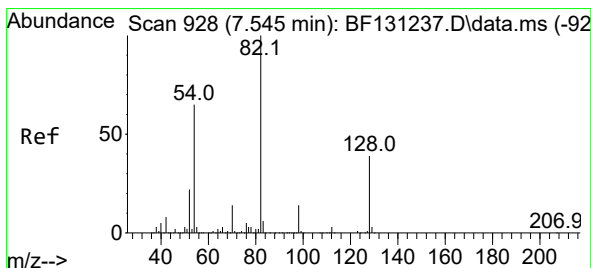
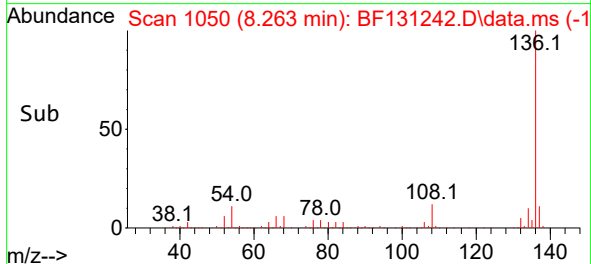
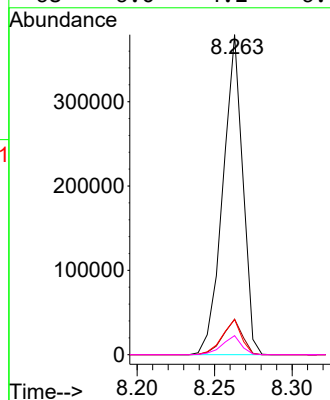
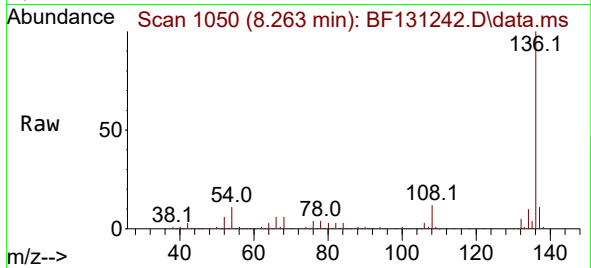




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

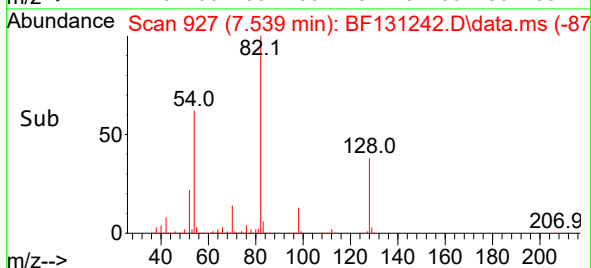
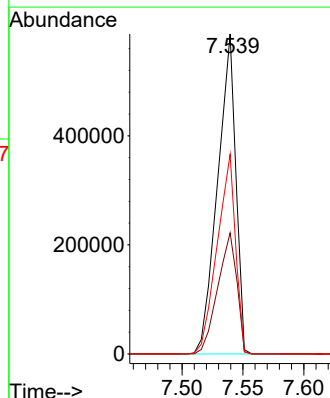
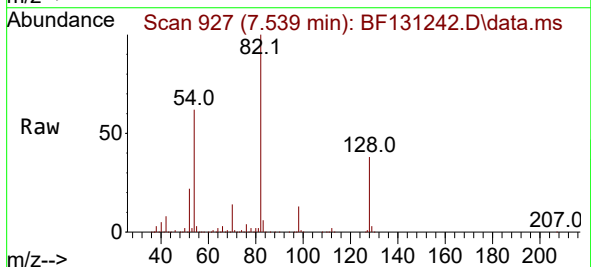
Instrument :
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ClientSampleId :
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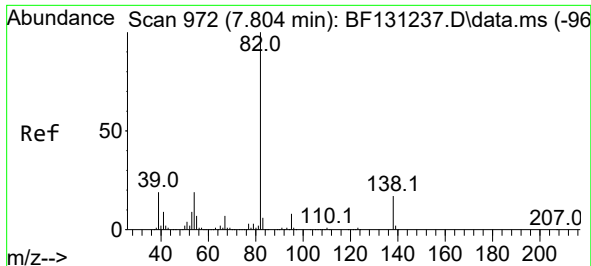
Tgt Ion:136	Resp: 337959
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 11.0	7.8 11.8
68 6.0	4.2 6.4



#23
Nitrobenzene-d5
Concen: 101.590 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

Tgt Ion: 82	Resp: 611677
Ion Ratio	Lower Upper
82 100	
128 37.8	31.1 46.7
54 62.4	51.8 77.6

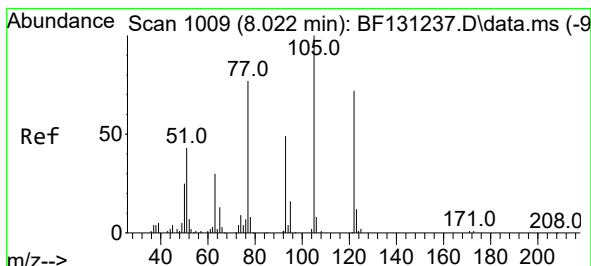
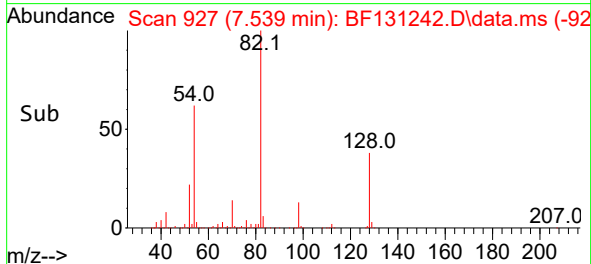
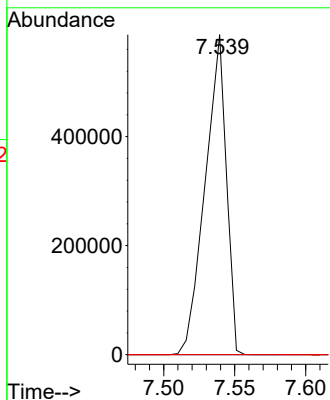
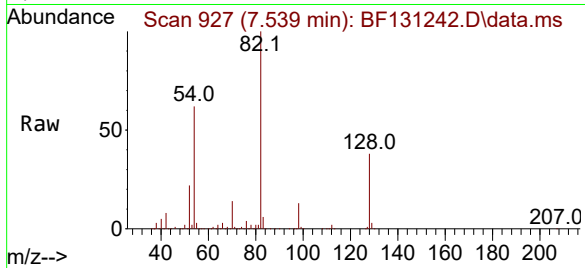




#25
Isophorone
Concen: 50.787 ng
RT: 7.539 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

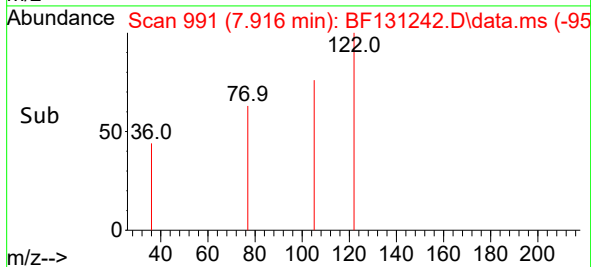
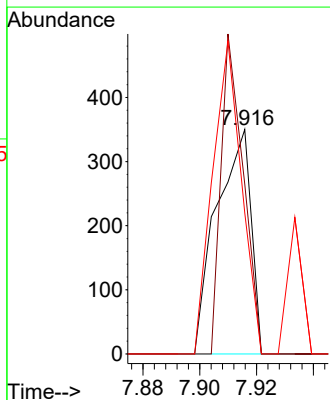
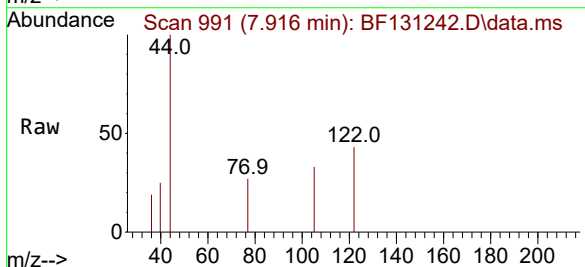
Instrument :
BNA_F
ClientSampleId :
PB148983BL

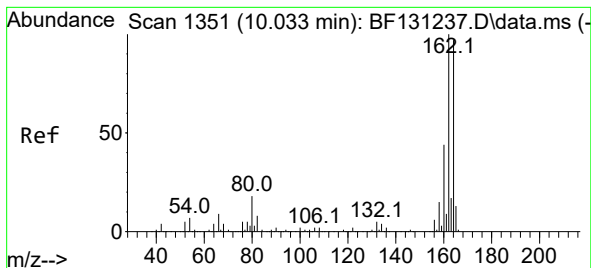
Tgt Ion: 82 Resp: 610898
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 6.238 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.106 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

Tgt Ion:122 Resp: 294
Ion Ratio Lower Upper
122 100
105 75.7 116.9 156.9#
77 62.9 86.9 126.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131242.D

Acq: 15 Nov 2022 20:43

Instrument :

BNA_F

ClientSampleId :

PB148983BL

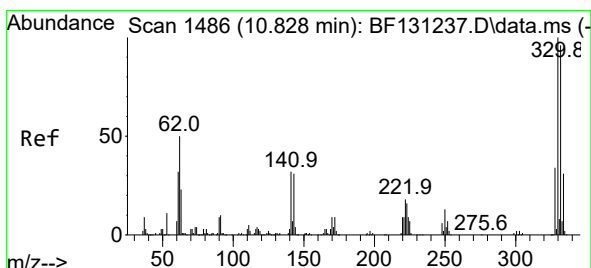
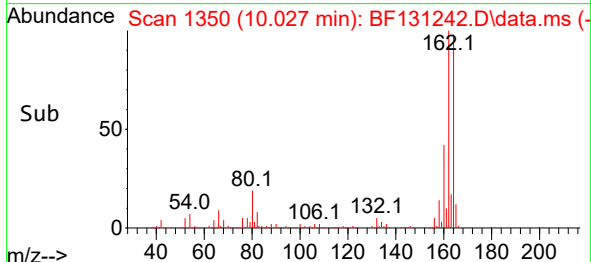
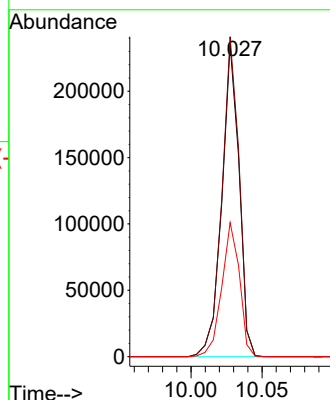
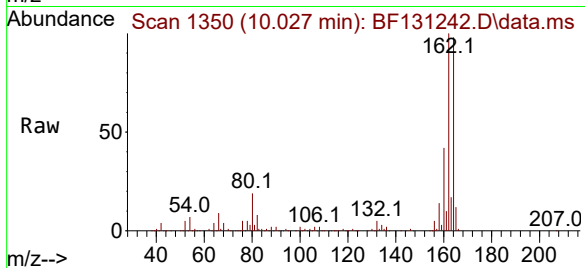
Tgt Ion:164 Resp: 198473

Ion Ratio Lower Upper

164 100

162 102.5 82.1 123.1

160 43.0 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 137.996 ng

RT: 10.822 min Scan# 1485

Delta R.T. -0.006 min

Lab File: BF131242.D

Acq: 15 Nov 2022 20:43

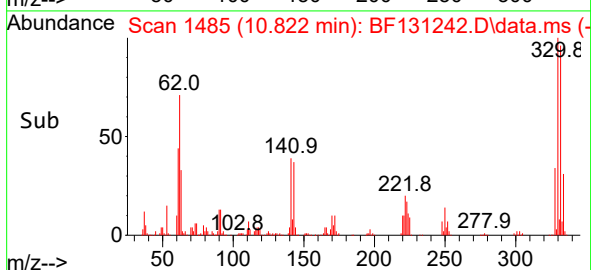
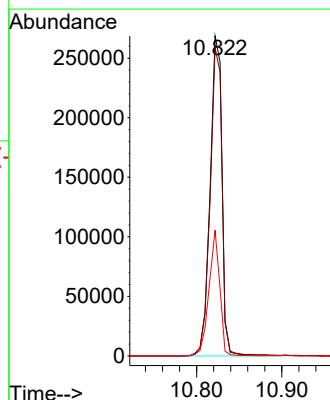
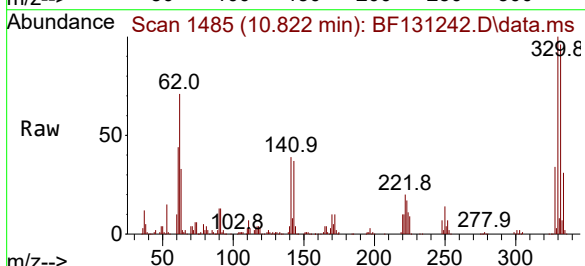
Tgt Ion:330 Resp: 261617

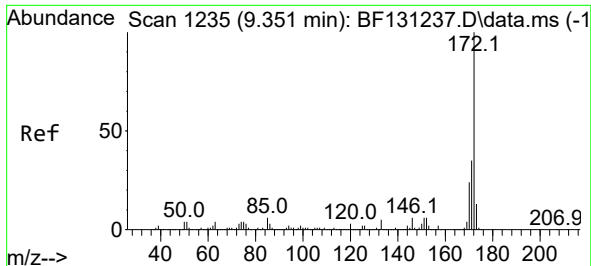
Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 35.7 29.6 44.4





#45

2-Fluorobiphenyl

Concen: 87.475 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131242.D

Acq: 15 Nov 2022 20:43

Instrument :

BNA_F

ClientSampleId :

PB148983BL

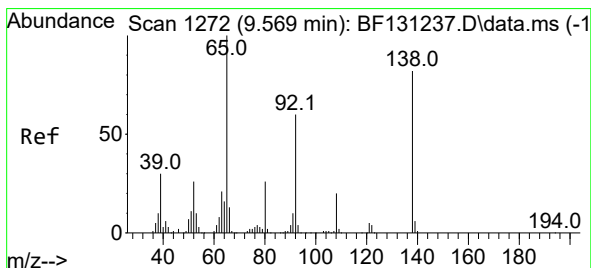
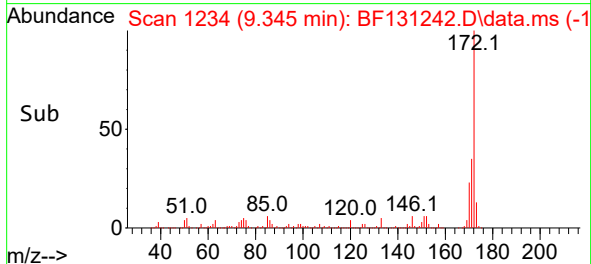
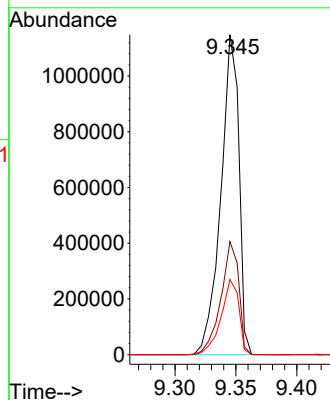
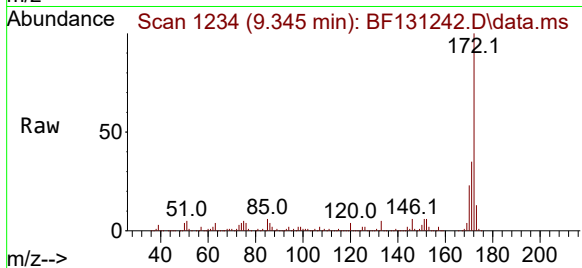
Tgt Ion:172 Resp: 1186373

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.5 18.8 28.2



#48

2-Nitroaniline

Concen: 4.602 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.224 min

Lab File: BF131242.D

Acq: 15 Nov 2022 20:43

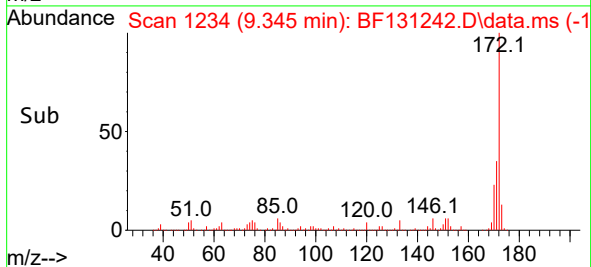
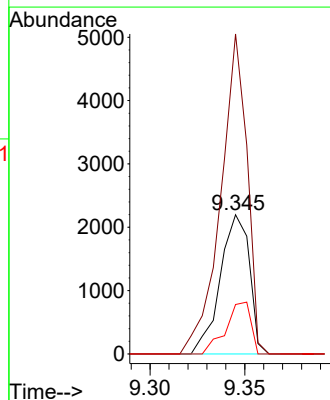
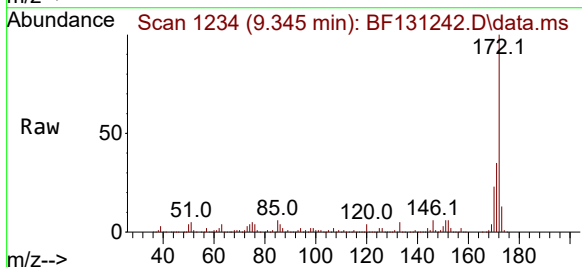
Tgt Ion: 65 Resp: 2357

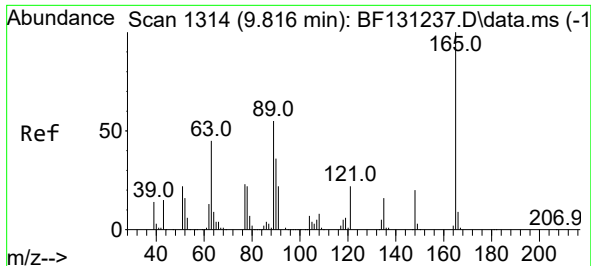
Ion Ratio Lower Upper

65 100

92 229.9 48.2 72.2#

138 35.5 65.8 98.8#

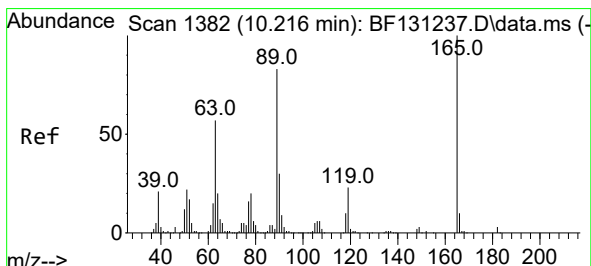
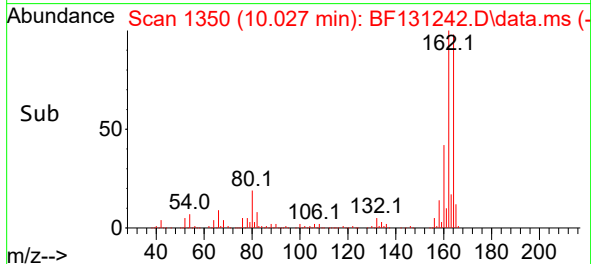
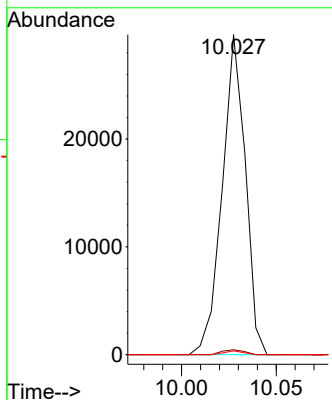
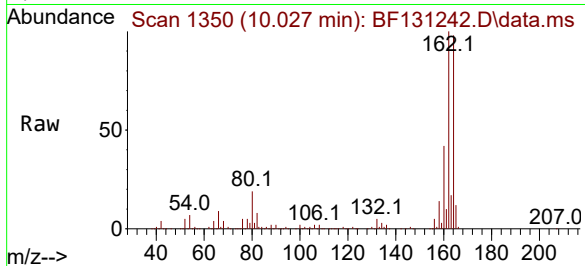




#51
2,6-Dinitrotoluene
Concen: 11.463 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.211 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

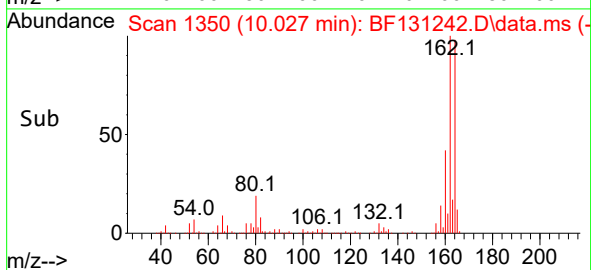
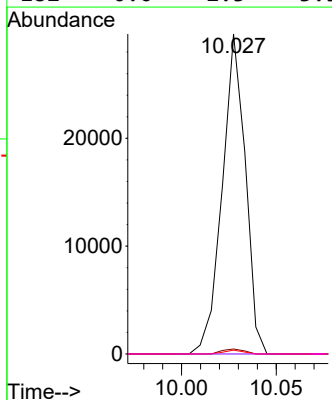
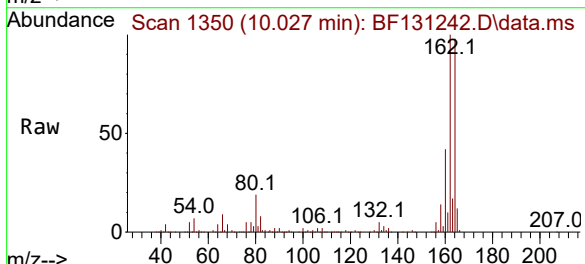
Instrument :
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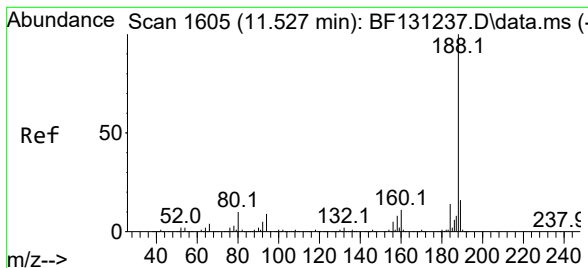
Tgt Ion:165 Resp: 25238
Ion Ratio Lower Upper
165 100
63 1.6 49.8 74.6#
89 1.2 44.5 66.7#



#57
2,4-Dinitrotoluene
Concen: 10.886 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.189 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

Tgt Ion:165 Resp: 25238
Ion Ratio Lower Upper
165 100
63 1.6 46.0 69.0#
89 1.2 66.2 99.4#
182 0.0 2.3 3.5#

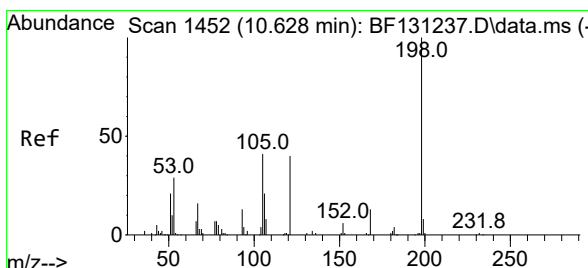
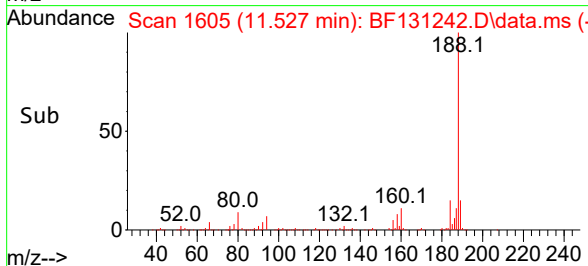
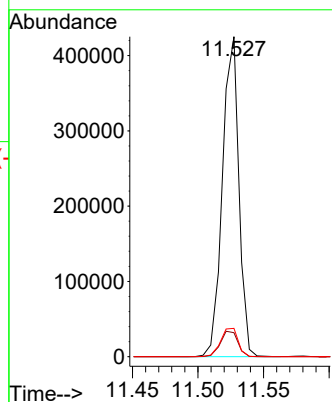
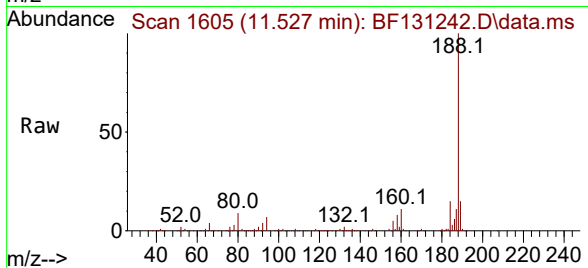




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

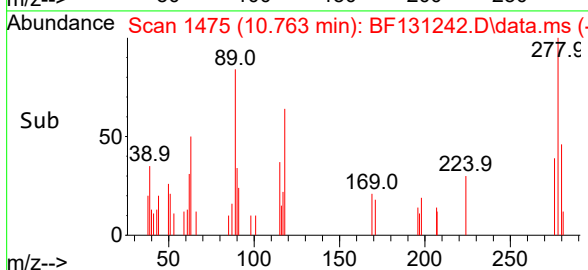
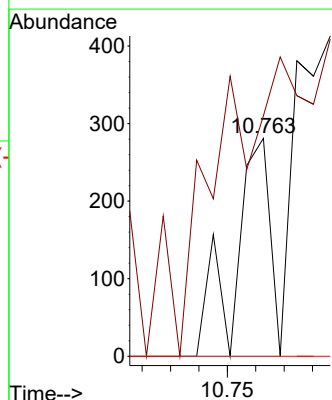
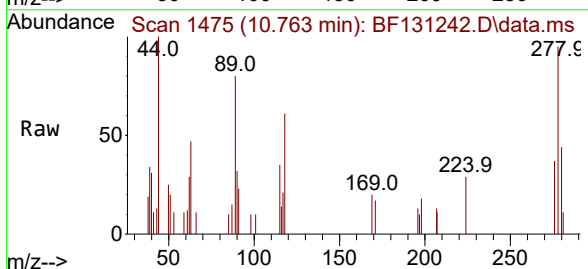
Instrument :
BNA_F
ClientSampleId :
PB148983BL

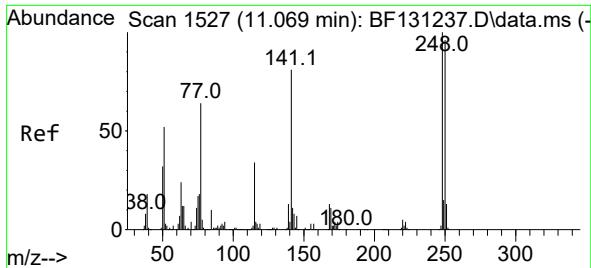
Tgt Ion:188 Resp: 370031
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.8 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.138 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.135 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

Tgt Ion:198 Resp: 241
Ion Ratio Lower Upper
198 100
51 110.3 29.4 69.4#
105 0.0 22.2 62.2#

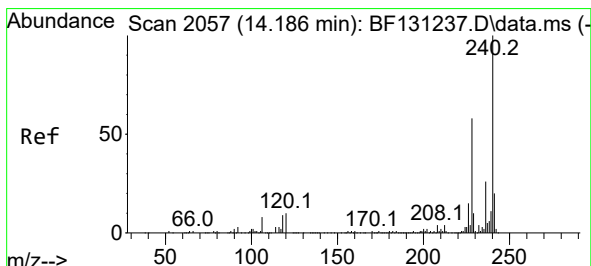
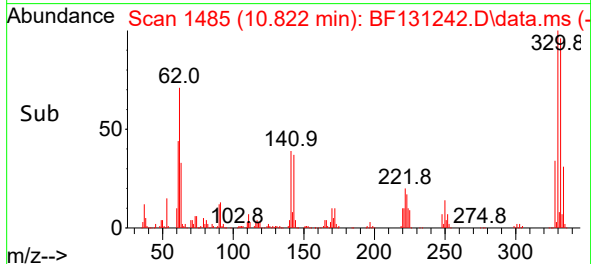
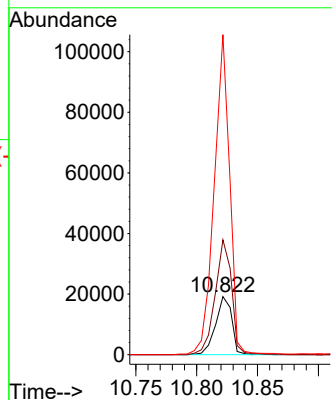
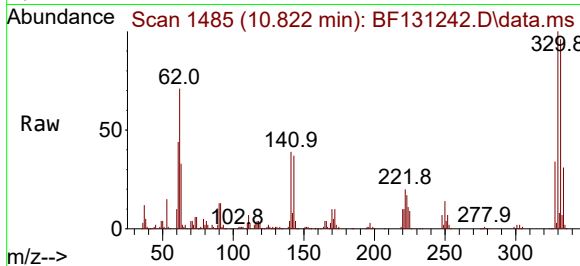




#67
4-Bromophenyl-phenylether
Concen: 4.094 ng
RT: 10.822 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

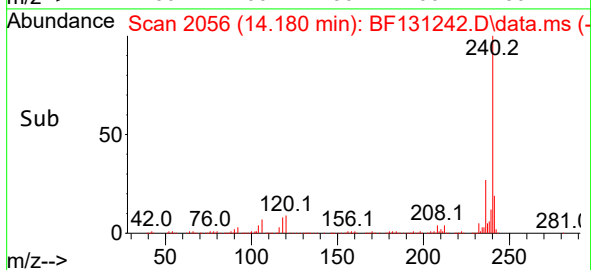
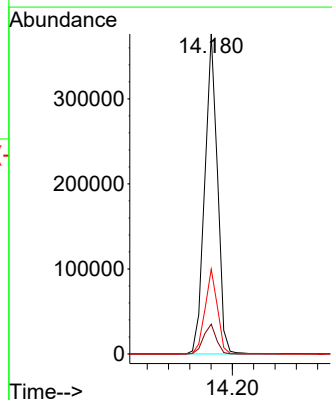
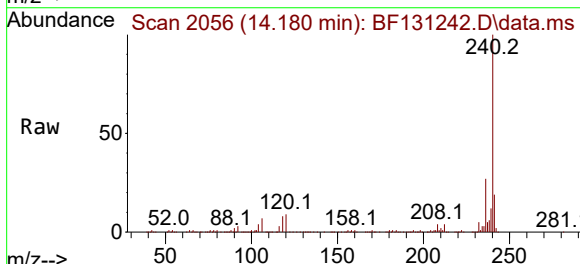
Instrument :
BNA_F
ClientSampleId :
PB148983BL

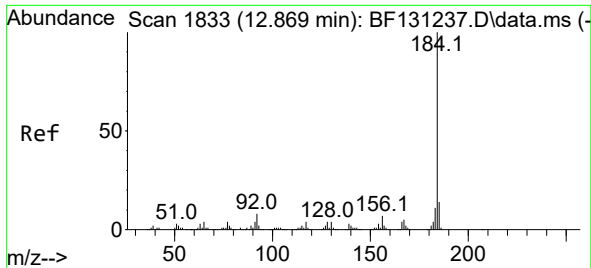
Tgt Ion:248 Resp: 17789
Ion Ratio Lower Upper
248 100
250 197.7 76.6 114.8#
141 550.5 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

Tgt Ion:240 Resp: 312536
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 26.5 20.6 31.0

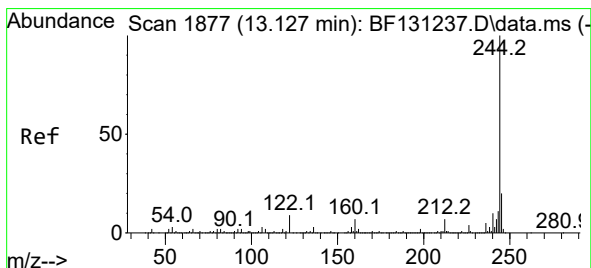
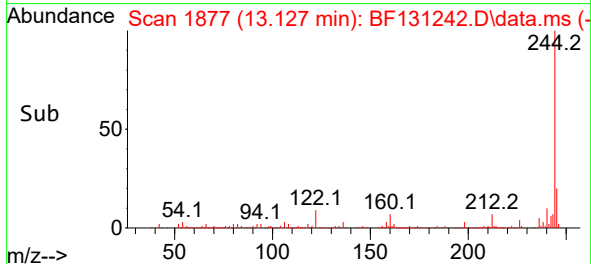
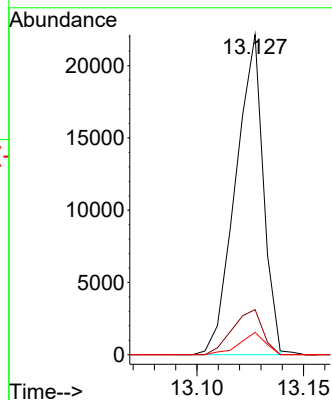
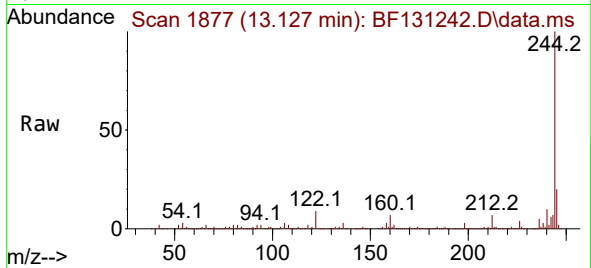




#77
Benzidine
Concen: 2.992 ng
RT: 13.127 min Scan# 1877
Delta R.T. 0.258 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

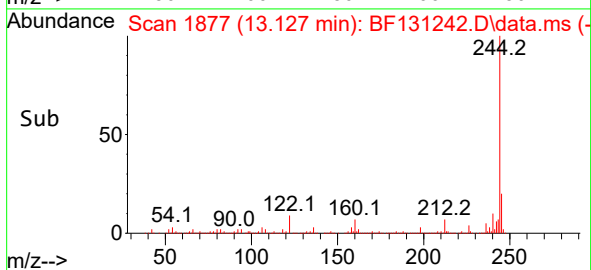
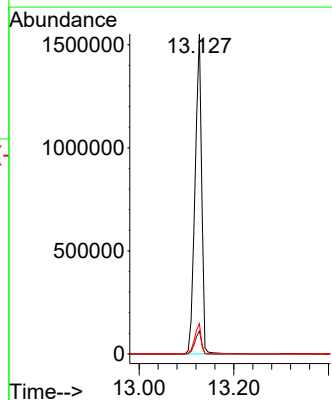
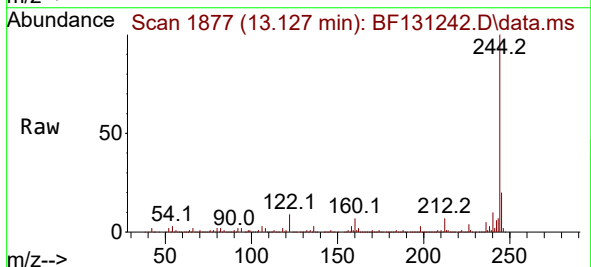
Instrument :
BNA_F
ClientSampleId :
PB148983BL

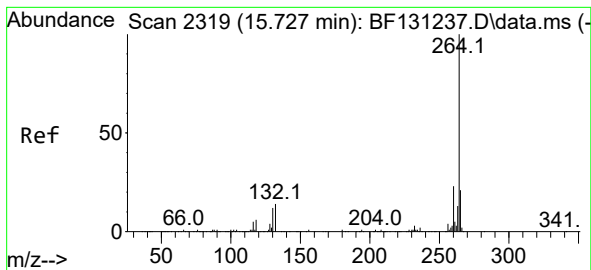
Tgt Ion:184 Resp: 20041
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 6.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 81.864 ng
RT: 13.127 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

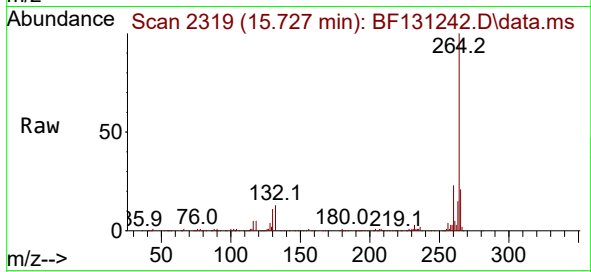
Tgt Ion:244 Resp: 1489884
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.5 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131242.D
Acq: 15 Nov 2022 20:43

Instrument :
BNA_F
ClientSampleId :
PB148983BL



Tgt Ion:264 Resp: 243039
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.4 16.6 24.8

