

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131274.D
 Acq On : 16 Nov 2022 19:51
 Operator : CG\JU
 Sample : N5534-01RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(OW)RE

Quant Time: Nov 16 22:17:58 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)

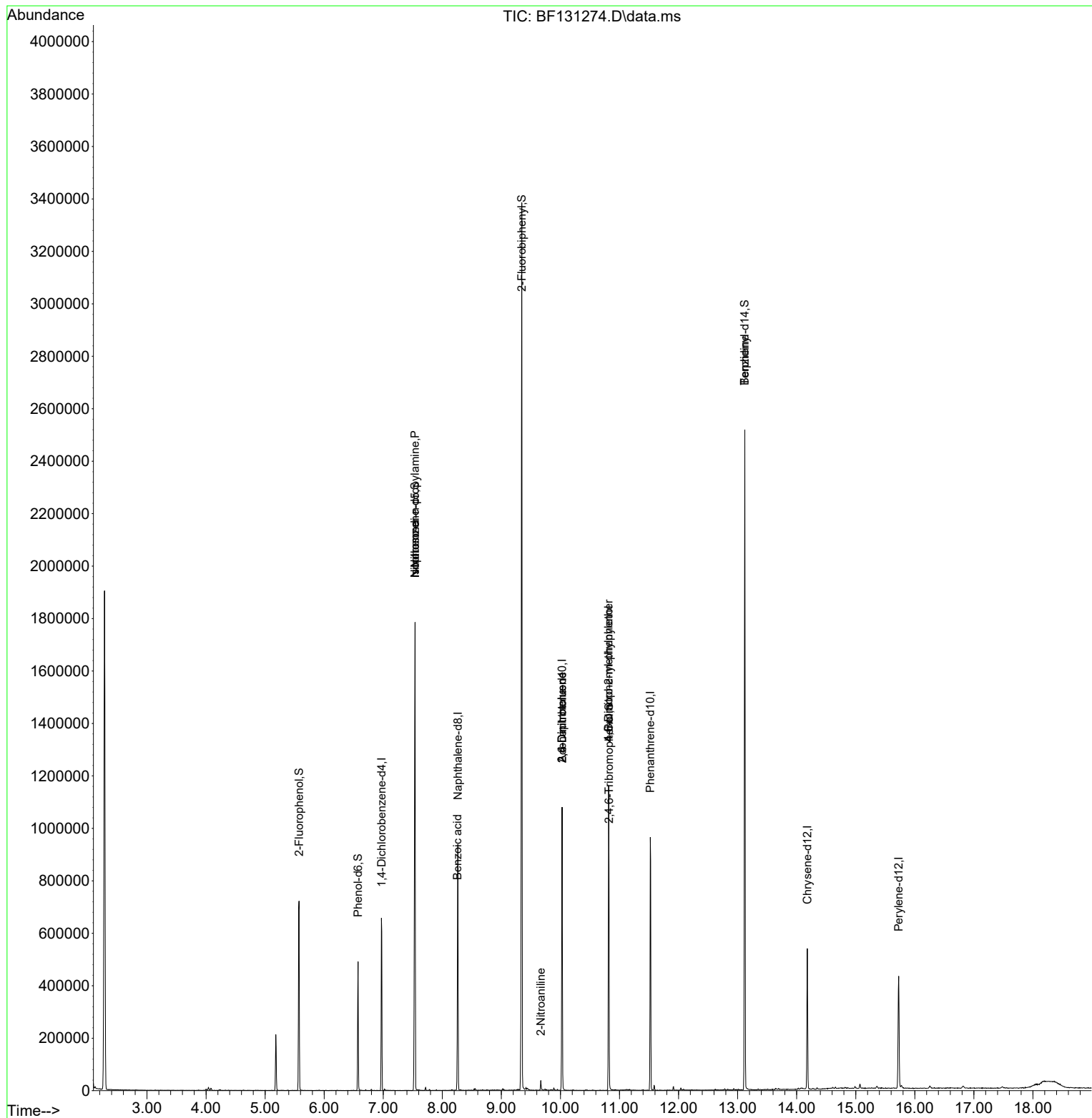
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	93737	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	362970	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	200933	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	352563	20.000	ng	0.00
76) Chrysene-d12	14.180	240	168836	20.000	ng	0.00
86) Perylene-d12	15.727	264	209652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	167620	31.665	ng	0.00
7) Phenol-d6	6.575	99	122377	18.252	ng	-0.02
23) Nitrobenzene-d5	7.539	82	552276	85.404	ng	0.00
42) 2,4,6-Tribromophenol	10.821	330	119447	62.234	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1008977	73.484	ng	0.00
79) Terphenyl-d14	13.121	244	849730	86.428	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.539	70	77507	16.590	ng	# 75
25) Isophorone	7.539	82	551798	42.713	ng	# 67
32) Benzoic acid	8.257	122	61	6.180	ng	# 1
48) 2-Nitroaniline	9.669	65	570	4.188	ng	# 45
51) 2,6-Dinitrotoluene	10.027	165	25740	11.526	ng	# 24
57) 2,4-Dinitrotoluene	10.027	165	25740	10.935	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.816	198	290	8.169	ng	# 1
67) 4-Bromophenyl-phenylether	10.816	248	8621	2.083	ng	# 1
77) Benzidine	13.121	184	11605	3.207	ng	# 90

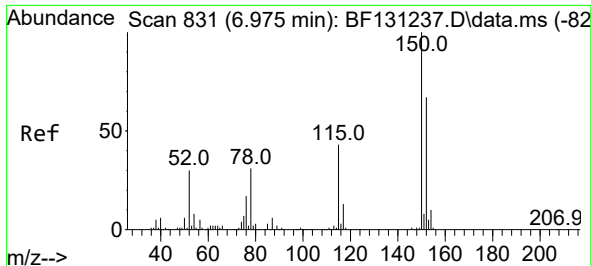
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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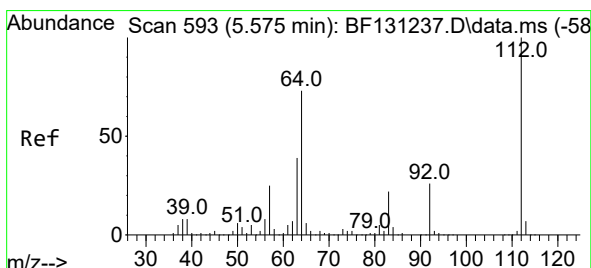
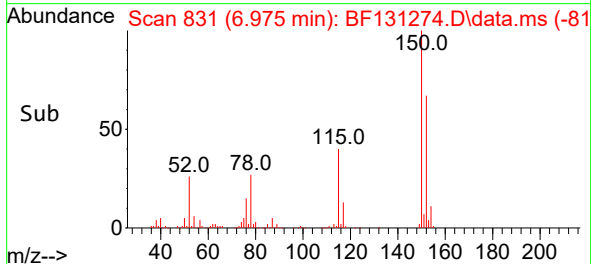
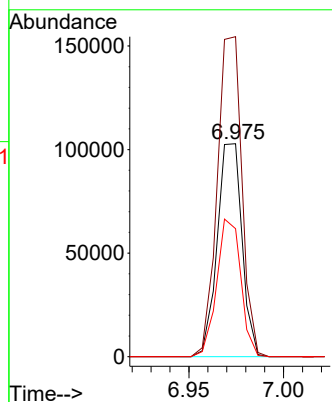
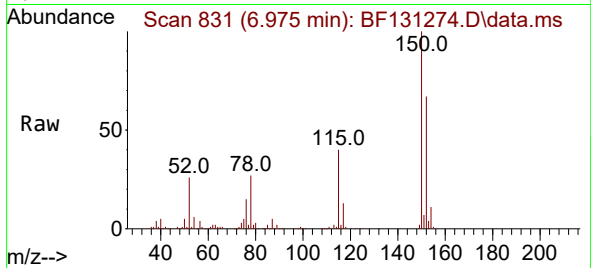




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

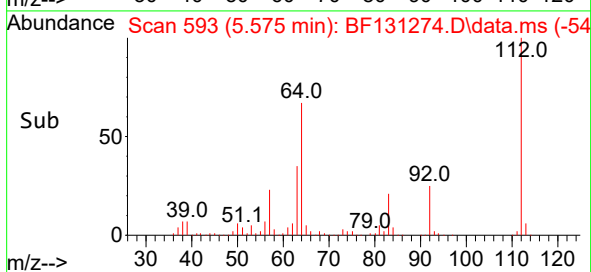
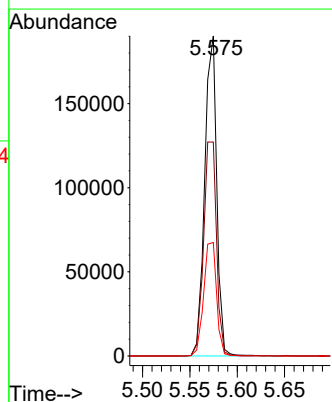
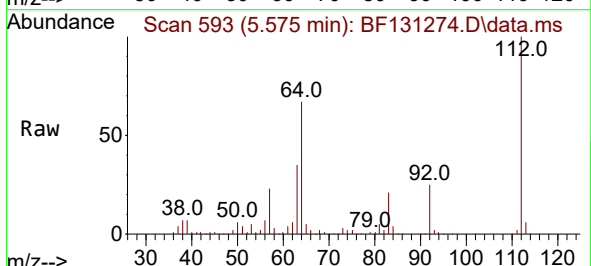
Instrument :
BNA_F
ClientSampleId :
B-3(OW)RE

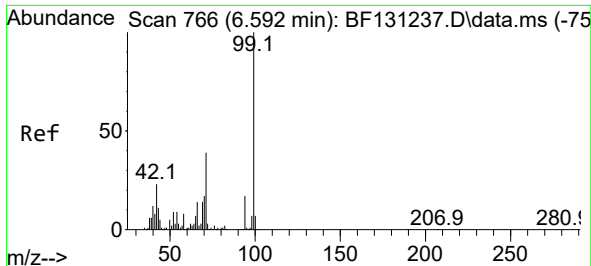
Tgt Ion:152 Resp: 93737
Ion Ratio Lower Upper
152 100
150 150.2 120.2 180.4
115 60.1 51.8 77.8



#5
2-Fluorophenol
Concen: 31.665 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.000 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

Tgt Ion:112 Resp: 167620
Ion Ratio Lower Upper
112 100
64 66.8 58.4 87.6
63 35.4 31.6 47.4

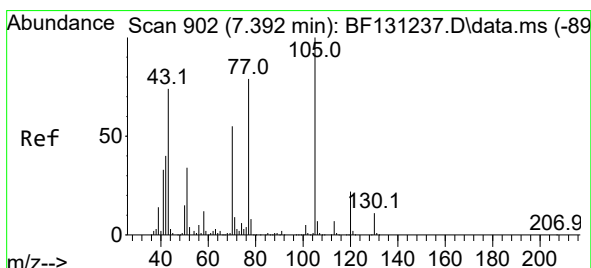
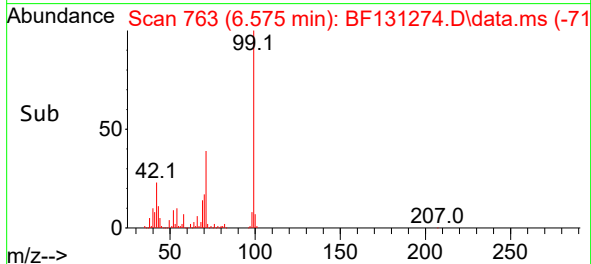
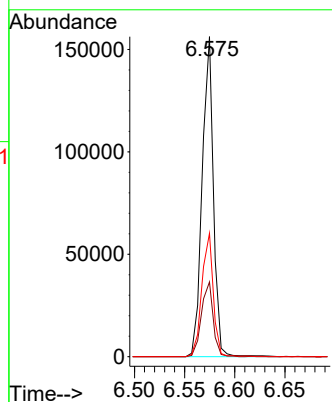
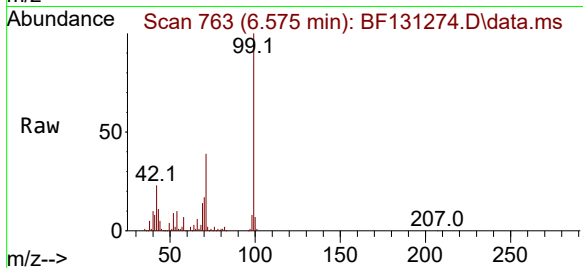




#7
Phenol-d6
Concen: 18.252 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.017 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

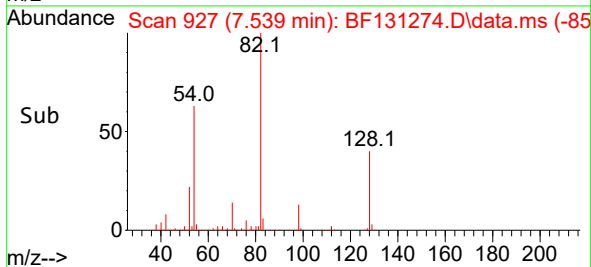
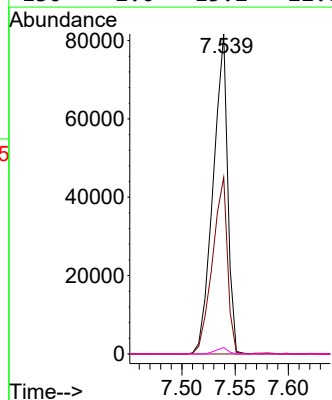
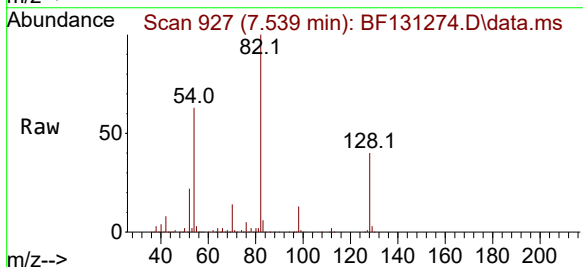
Instrument :
BNA_F
ClientSampleId :
B-3(OW)RE

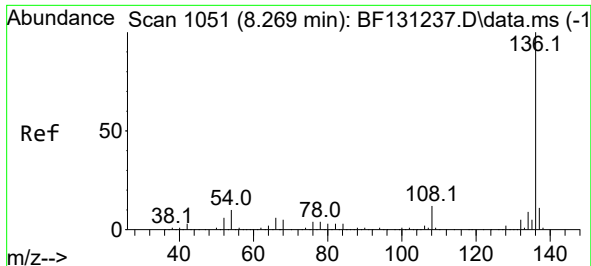
Tgt Ion: 99 Resp: 122377
Ion Ratio Lower Upper
99 100
42 23.3 18.6 28.0
71 38.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.590 ng
RT: 7.539 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

Tgt Ion: 70 Resp: 77507
Ion Ratio Lower Upper
70 100
42 55.2 58.3 87.5#
101 0.0 7.2 10.8#
130 2.0 15.2 22.8#

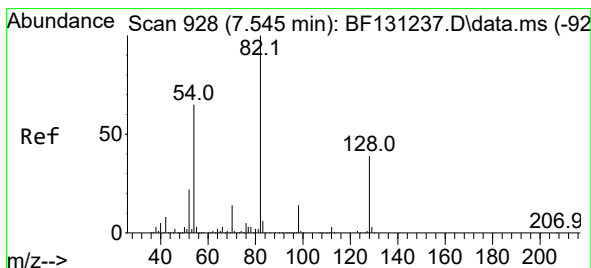
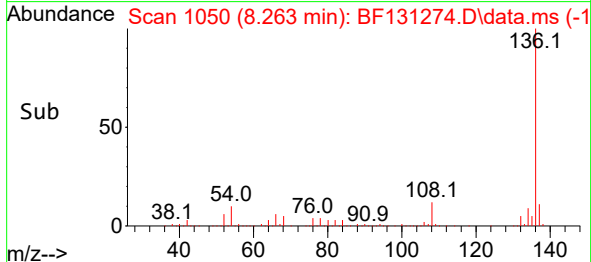
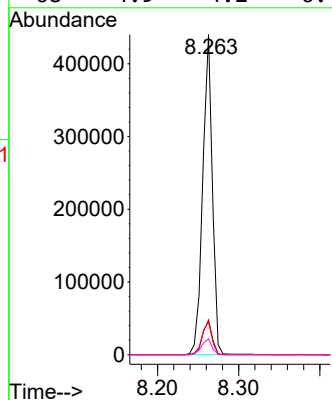
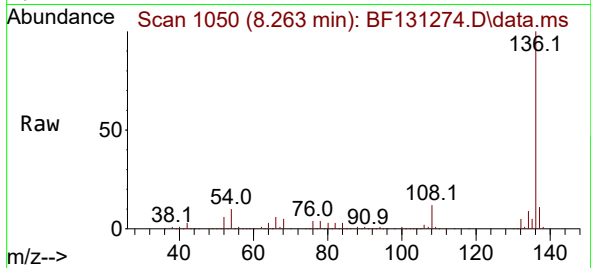




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

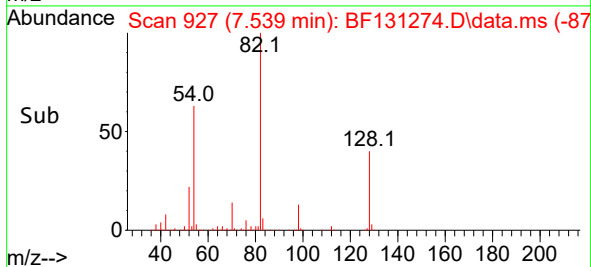
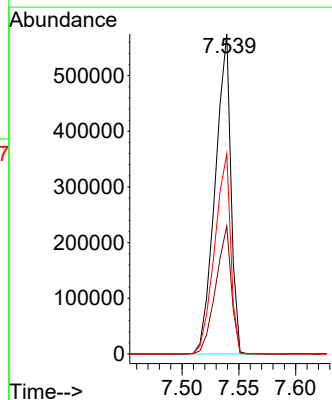
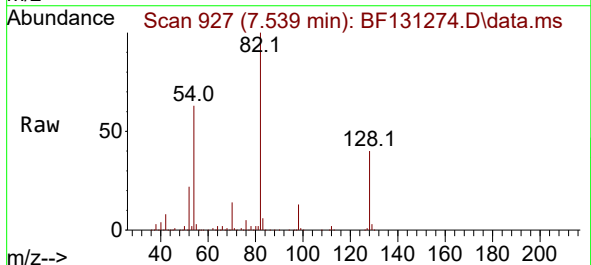
Instrument :
BNA_F
ClientSampleId :
B-3(OW)RE

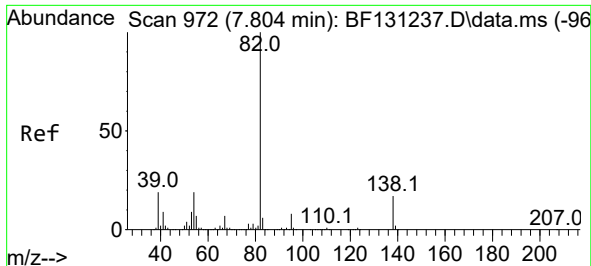
Tgt Ion:136 Resp: 362970
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.3 7.8 11.8
68 4.9 4.2 6.4



#23
Nitrobenzene-d5
Concen: 85.404 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

Tgt Ion: 82 Resp: 552276
Ion Ratio Lower Upper
82 100
128 40.0 31.1 46.7
54 62.5 51.8 77.6

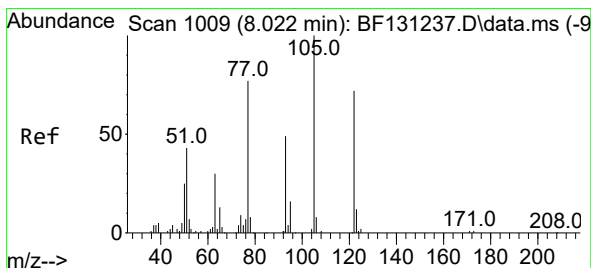
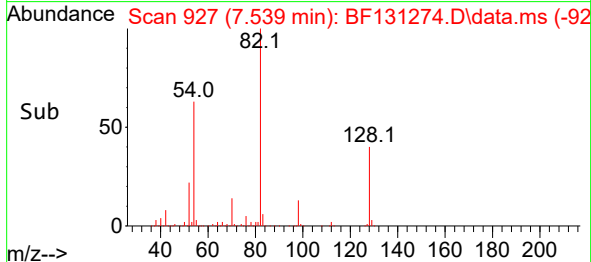
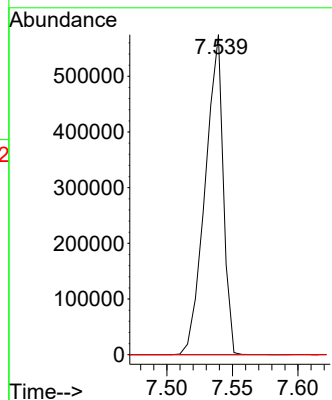
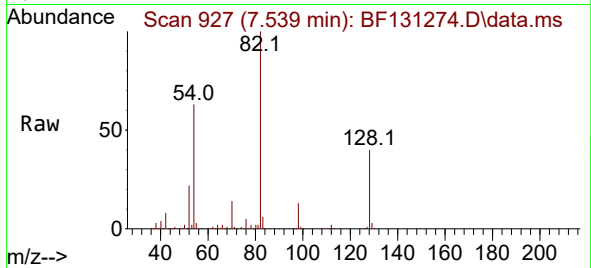




#25
Isophorone
Concen: 42.713 ng
RT: 7.539 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

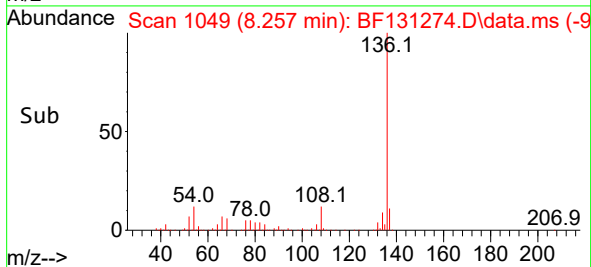
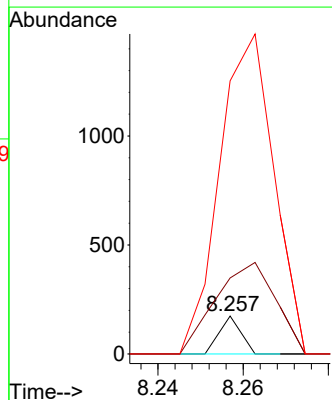
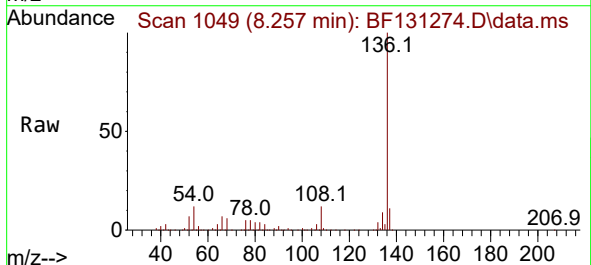
Instrument :
BNA_F
ClientSampleId :
B-3(OW)RE

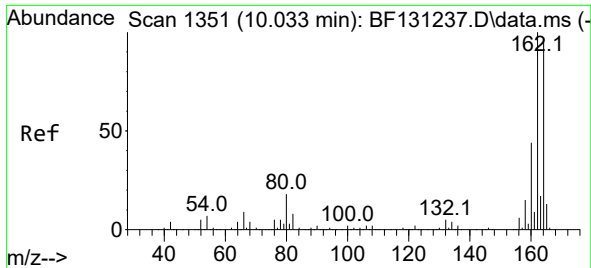
Tgt Ion: 82 Resp: 551798
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 6.180 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.235 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 200.6 116.9 156.9#
77 720.1 86.9 126.9#

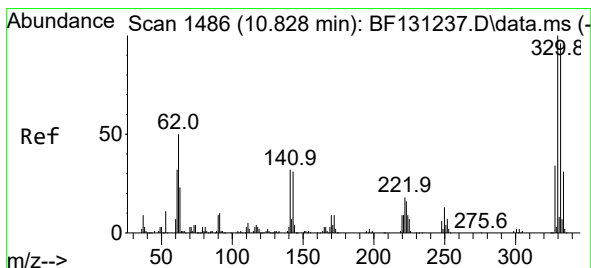
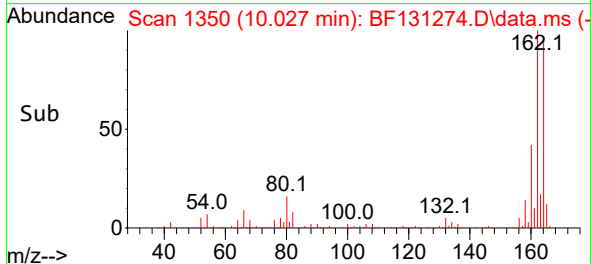
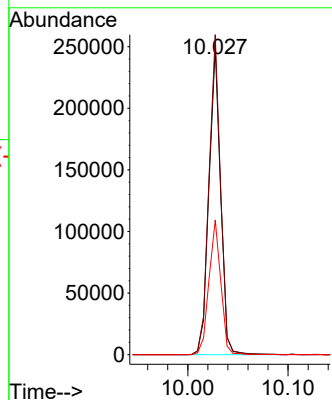
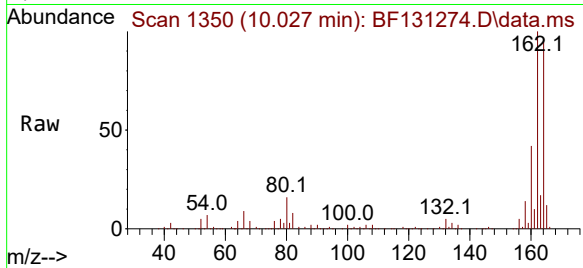




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

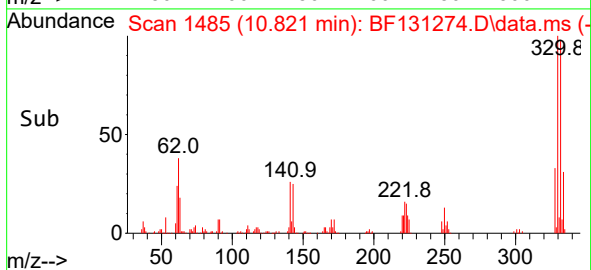
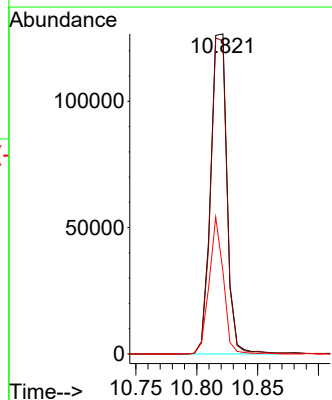
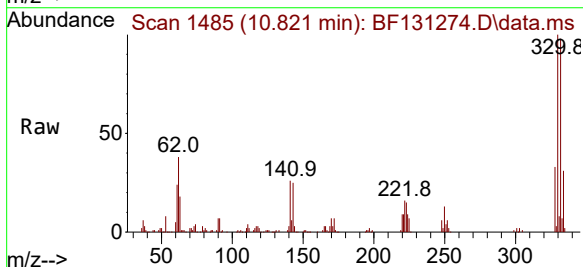
Instrument :
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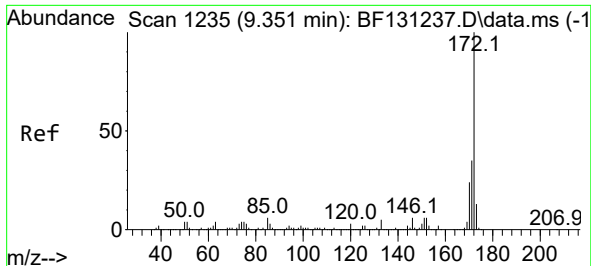
Tgt Ion:164 Resp: 200933
Ion Ratio Lower Upper
164 100
162 104.2 82.1 123.1
160 43.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 62.234 ng
RT: 10.821 min Scan# 1485
Delta R.T. -0.007 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

Tgt Ion:330 Resp: 119447
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 36.9 29.6 44.4

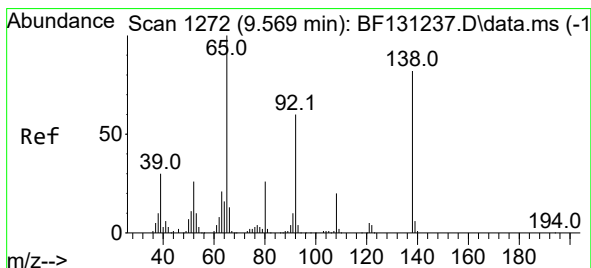
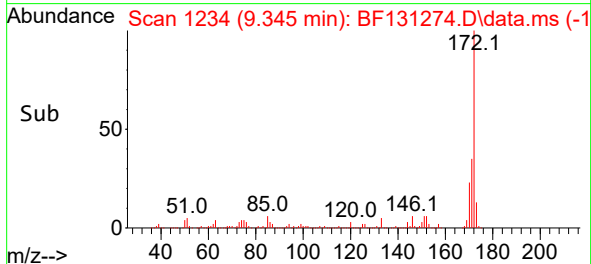
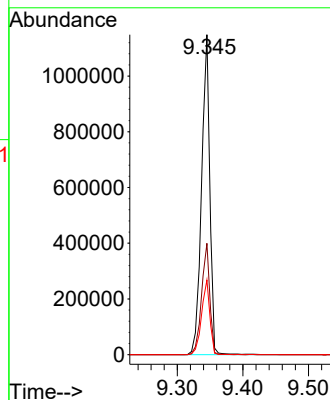
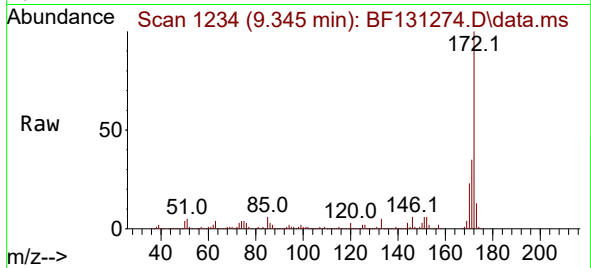




#45
2-Fluorobiphenyl
Concen: 73.484 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

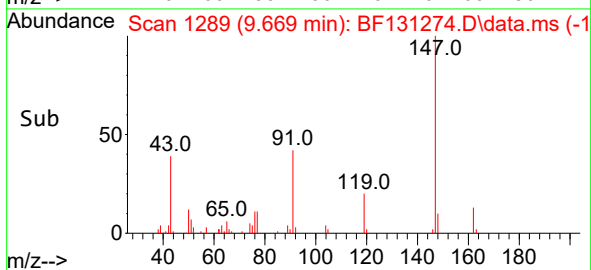
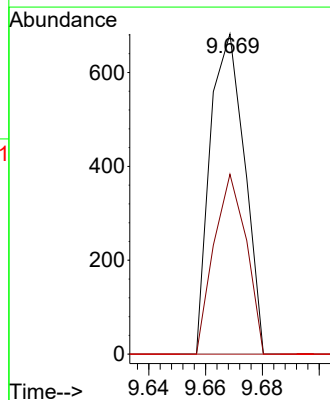
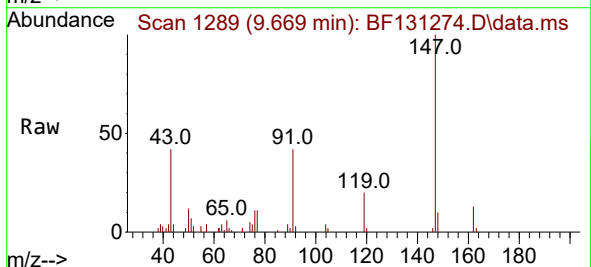
Instrument :
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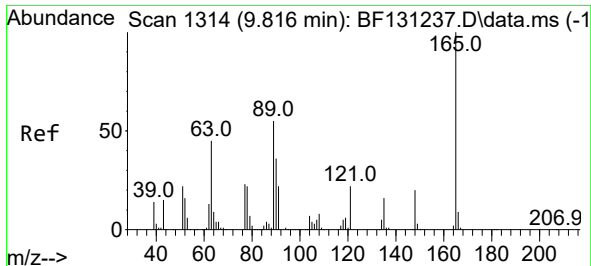
Tgt Ion:172 Resp: 1008977
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.3 18.8 28.2



#48
2-Nitroaniline
Concen: 4.188 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.100 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

Tgt Ion: 65 Resp: 570
Ion Ratio Lower Upper
65 100
92 56.2 48.2 72.2
138 0.0 65.8 98.8#

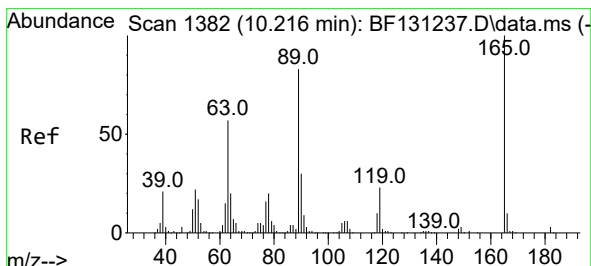
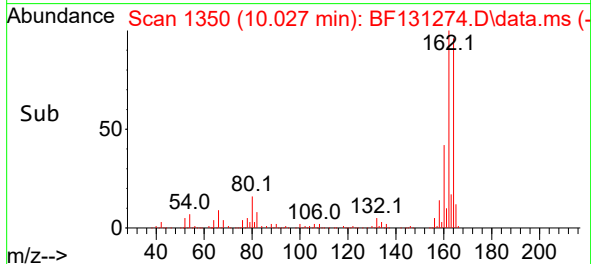
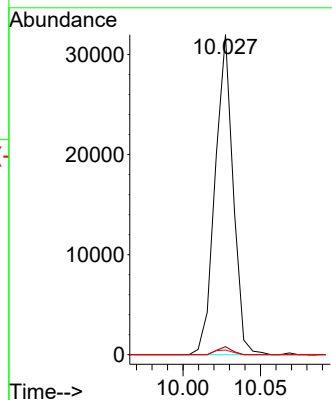
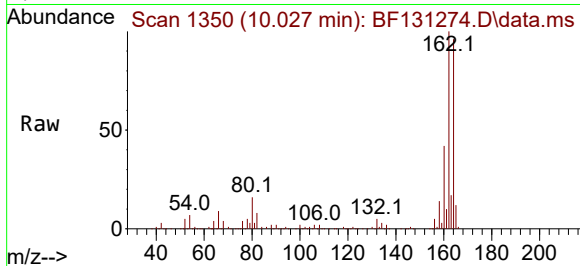




#51
2,6-Dinitrotoluene
Concen: 11.526 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.211 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

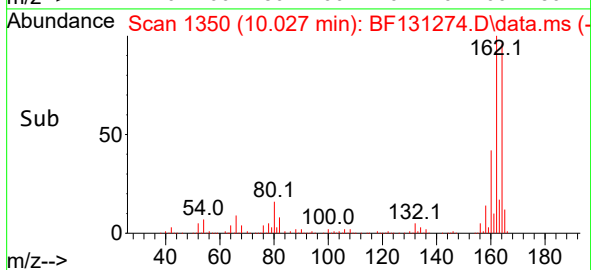
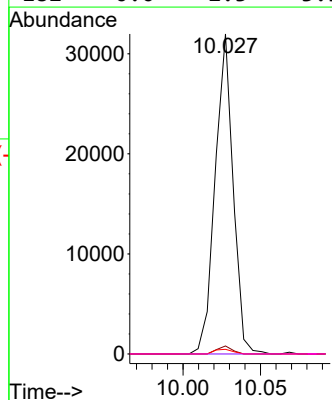
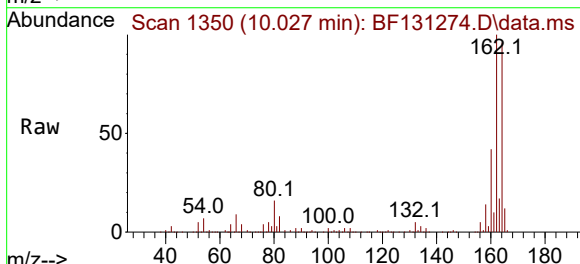
Instrument :
BNA_F
ClientSampleId :
B-3(OW)RE

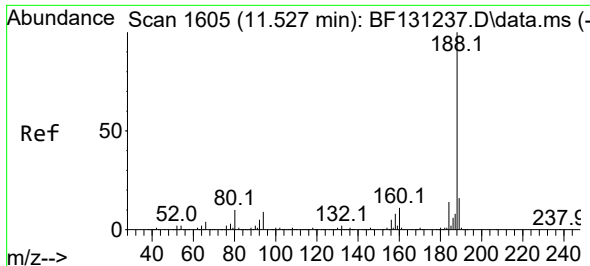
Tgt Ion:165 Resp: 25740
Ion Ratio Lower Upper
165 100
63 2.5 49.8 74.6#
89 1.5 44.5 66.7#



#57
2,4-Dinitrotoluene
Concen: 10.935 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.189 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

Tgt Ion:165 Resp: 25740
Ion Ratio Lower Upper
165 100
63 2.5 46.0 69.0#
89 1.5 66.2 99.4#
182 0.0 2.3 3.5#

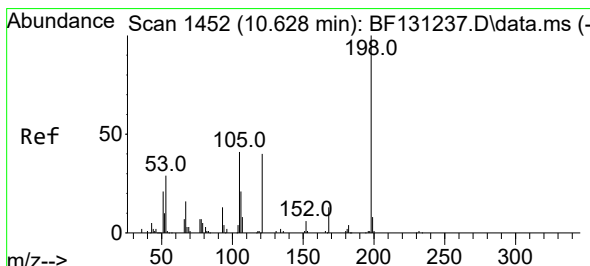
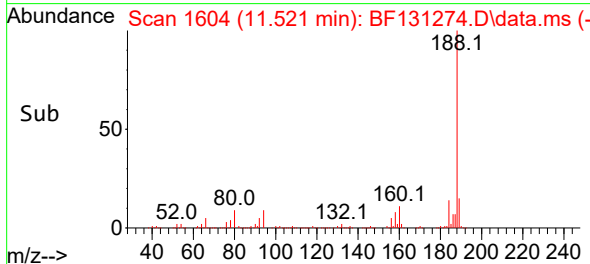
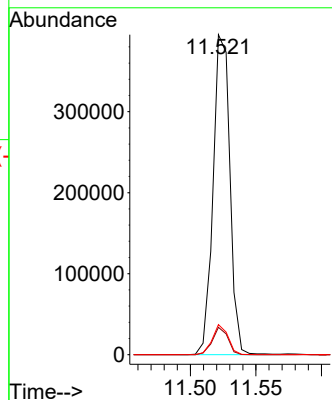
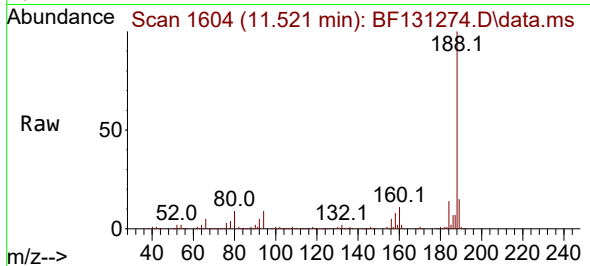




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.521 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

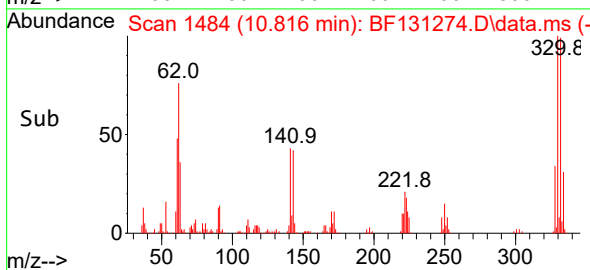
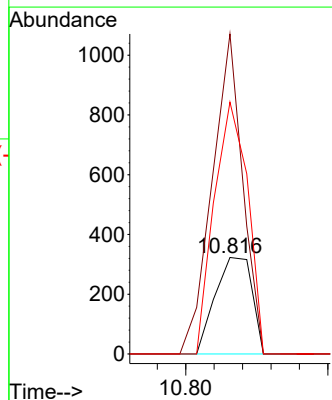
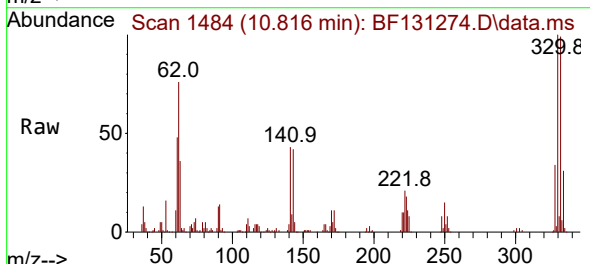
Instrument :
BNA_F
ClientSampleId :
B-3(OW)RE

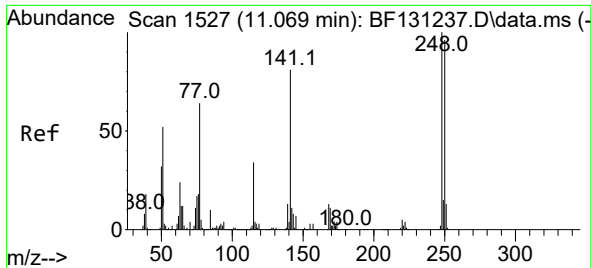
Tgt Ion:188 Resp: 352563
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.169 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.188 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

Tgt Ion:198 Resp: 290
Ion Ratio Lower Upper
198 100
51 331.6 29.4 69.4#
105 261.0 22.2 62.2#

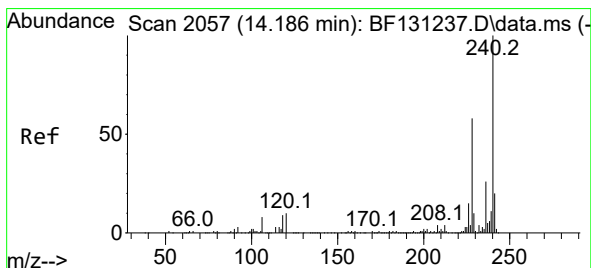
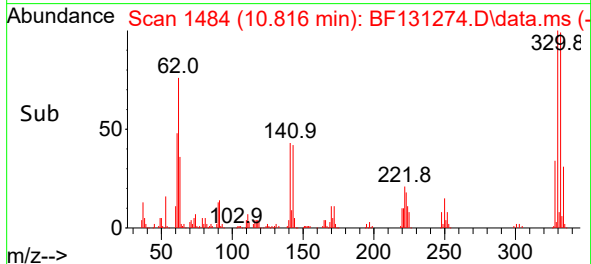
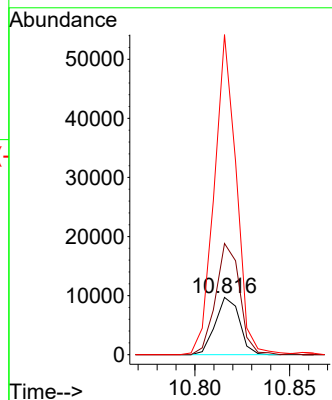
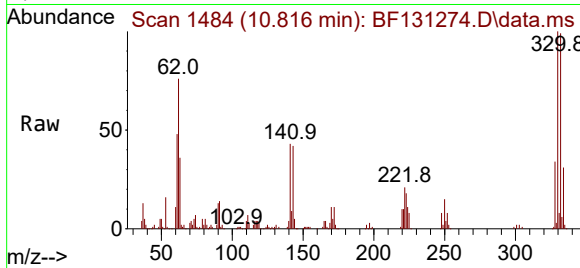




#67
4-Bromophenyl-phenylether
Concen: 2.083 ng
RT: 10.816 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

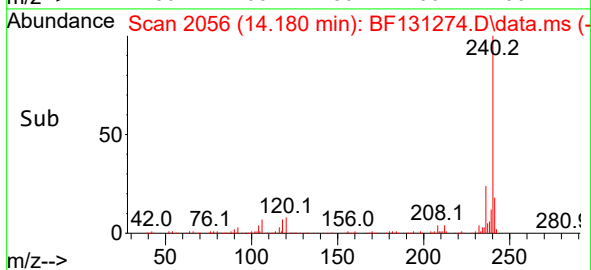
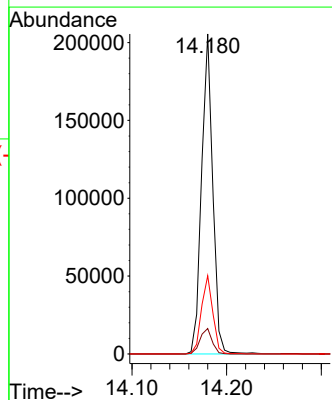
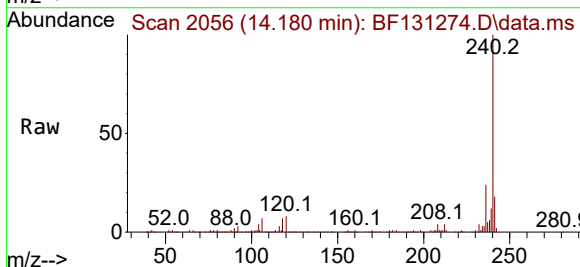
Instrument :
BNA_F
ClientSampleId :
B-3(OW)RE

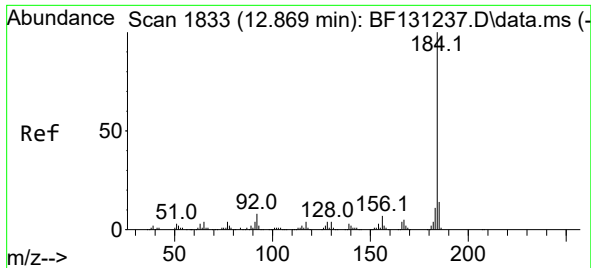
Tgt Ion:248 Resp: 8621
Ion Ratio Lower Upper
248 100
250 194.3 76.6 114.8#
141 559.3 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

Tgt Ion:240 Resp: 168836
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.6
236 24.5 20.6 31.0

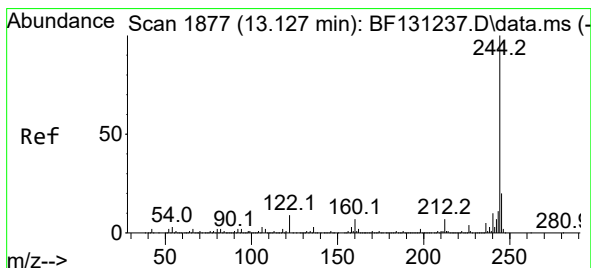
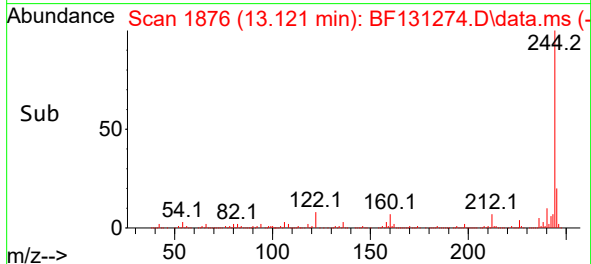
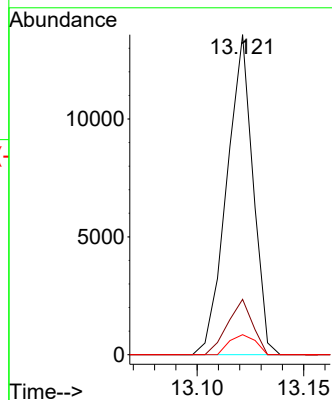
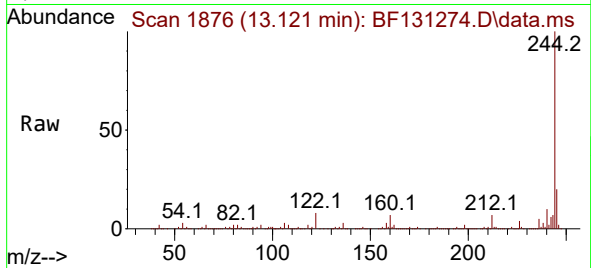




#77
Benzidine
Concen: 3.207 ng
RT: 13.121 min Scan# 1876
Delta R.T. 0.252 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

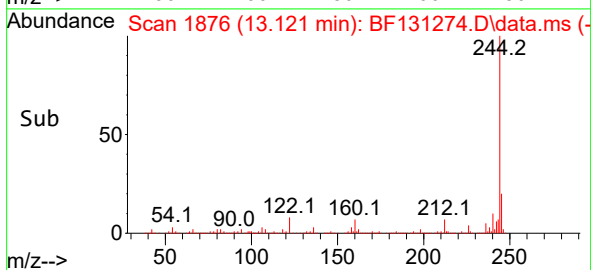
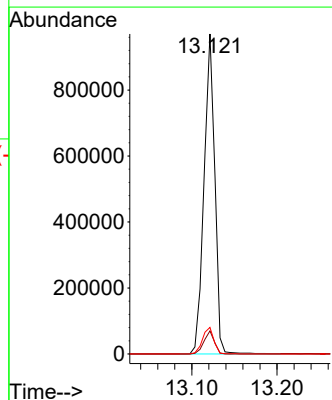
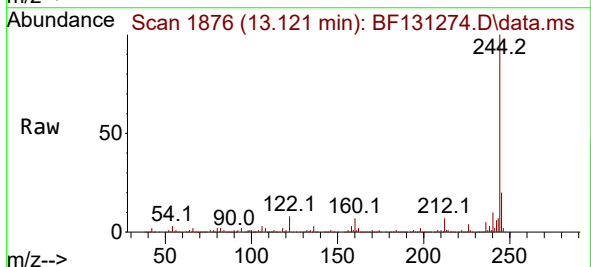
Instrument :
BNA_F
ClientSampleId :
B-3(OW)RE

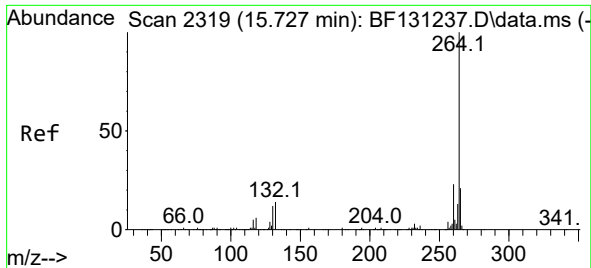
Tgt Ion:184 Resp: 11605
Ion Ratio Lower Upper
184 100
185 17.3 11.4 17.2#
183 6.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 86.428 ng
RT: 13.121 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BF131274.D
Acq: 16 Nov 2022 19:51

Tgt Ion:244 Resp: 849730
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.3 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: BF131274.D
 Acq: 16 Nov 2022 19:51

Instrument :
 BNA_F
 ClientSampleId :
 B-3(OW)RE

Tgt Ion:264 Resp: 209652
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 19.6 16.6 24.8

