

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131401.D
 Acq On : 25 Nov 2022 18:10
 Operator : CG\JU
 Sample : N5741-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:10:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

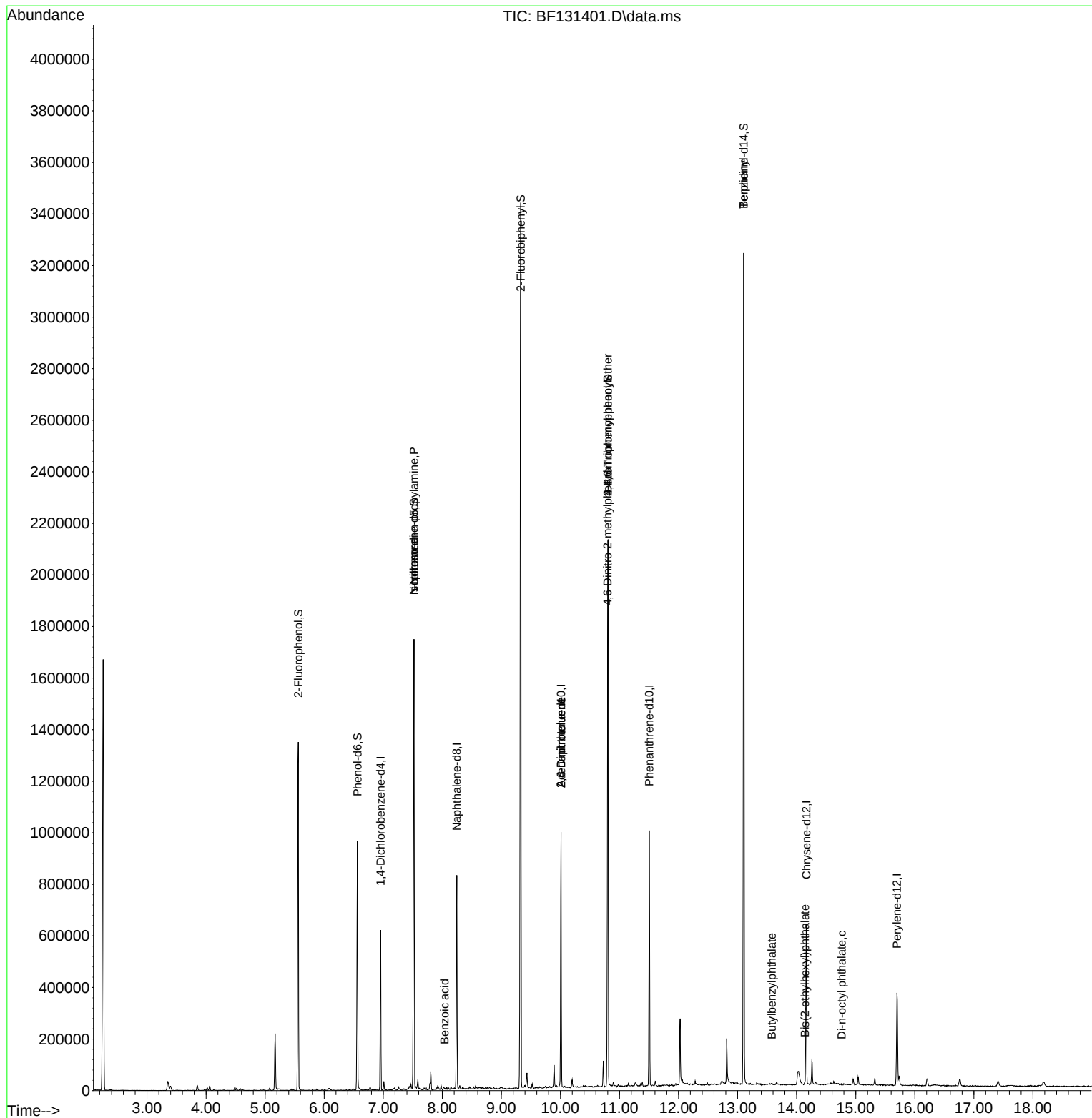
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	92389	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	330946	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	187111	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	333839	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	203121	20.000	ng	-0.01
86) Perylene-d12	15.698	264	175638	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	334396	68.886	ng	0.00
7) Phenol-d6	6.563	99	265262	42.828	ng	-0.02
23) Nitrobenzene-d5	7.522	82	568412	86.579	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	238999	151.825	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1016693	79.050	ng	0.00
79) Terphenyl-d14	13.104	244	1108588	89.249	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	245	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.522	70	77629	17.121	ng	# 74
25) Isophorone	7.522	82	566072	48.328	ng	# 68
32) Benzoic acid	8.039	122	63	5.153	ng	# 48
51) 2,6-Dinitrotoluene	10.010	165	24063	9.230	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	24063	7.335	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	663	5.093	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	15836	3.870	ng	# 1
77) Benzidine	13.104	184	15018	4.003	ng	# 93
80) Butylbenzylphthalate	13.580	149	156	4.167	ng	# 54
84) Bis(2-ethylhexyl)phtha...	14.139	149	3067	4.102	ng	# 81
85) Di-n-octyl phthalate	14.763	149	530	3.955	ng	# 1

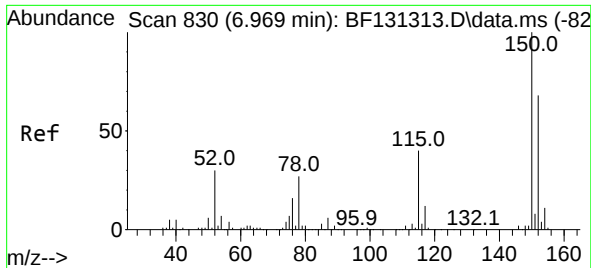
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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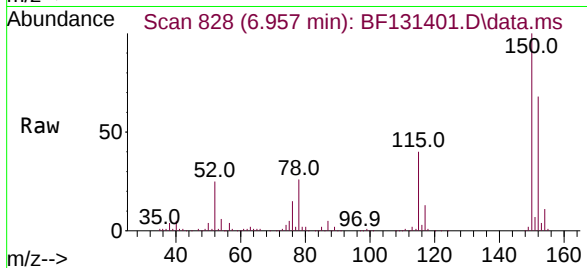
Quant Time: Nov 26 00:10:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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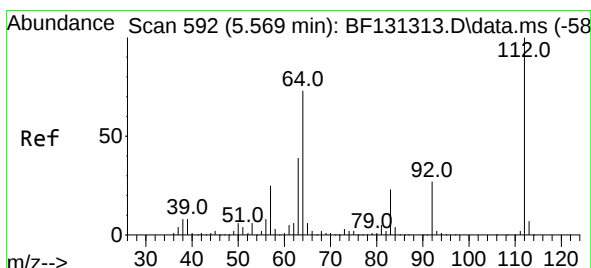
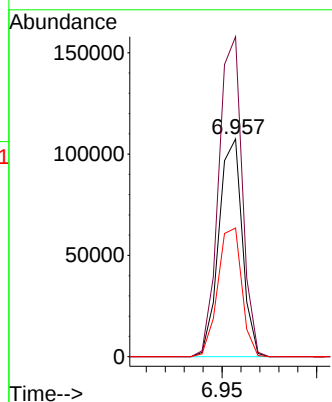
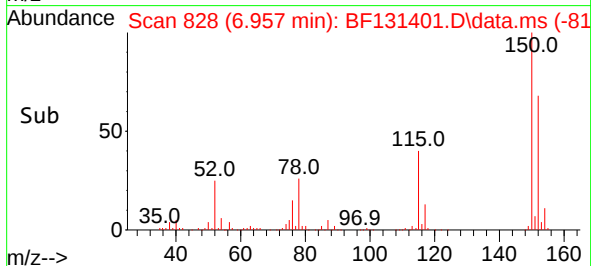


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

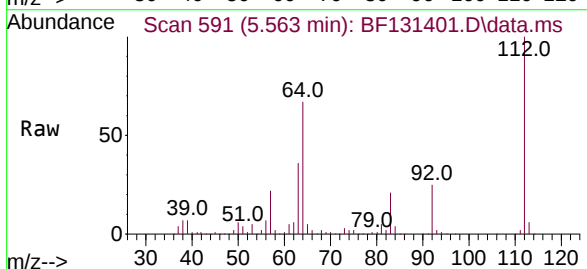
Instrument :
BNA_F
ClientSampleId :



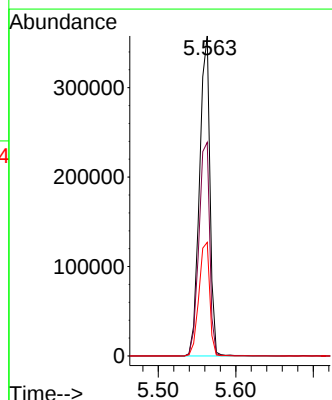
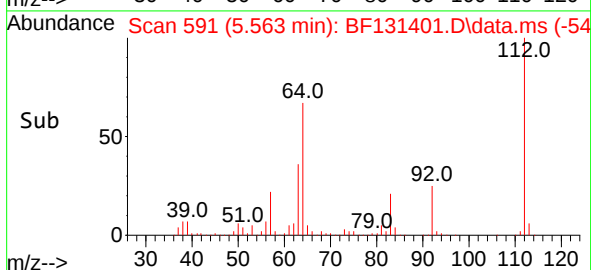
Tgt Ion:152 Resp: 92389
Ion Ratio Lower Upper
152 100
150 146.9 117.8 176.8
115 59.1 47.1 70.7

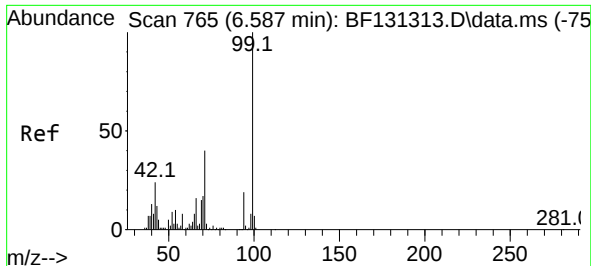


#5
2-Fluorophenol
Concen: 68.886 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10



Tgt Ion:112 Resp: 334396
Ion Ratio Lower Upper
112 100
64 66.8 58.6 88.0
63 35.5 31.4 47.0



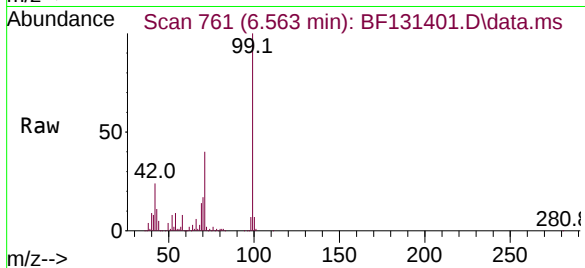


#7
Phenol-d6
Concen: 42.828 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

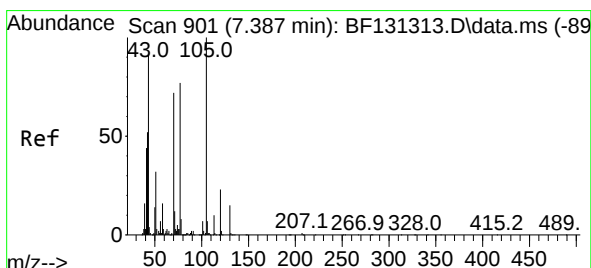
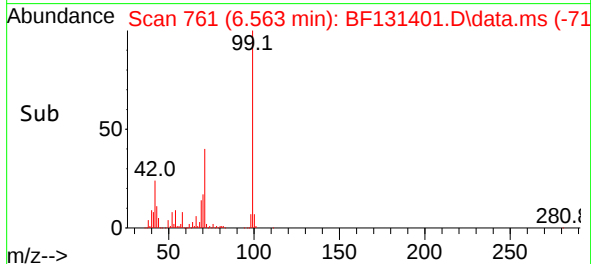
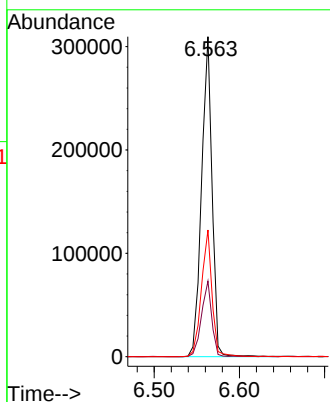
Instrument :

BNA_F

ClientSampleId :

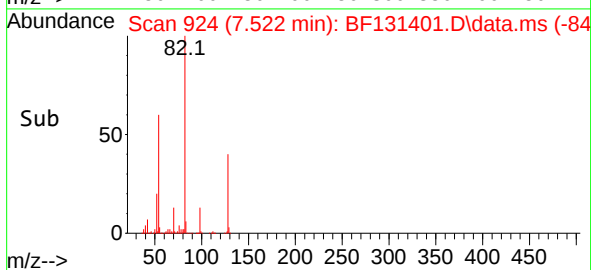
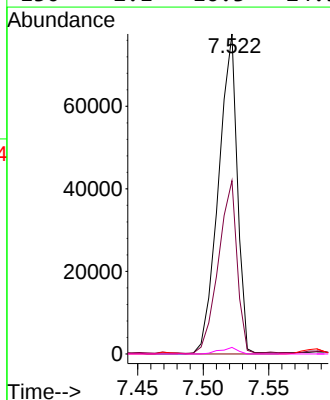
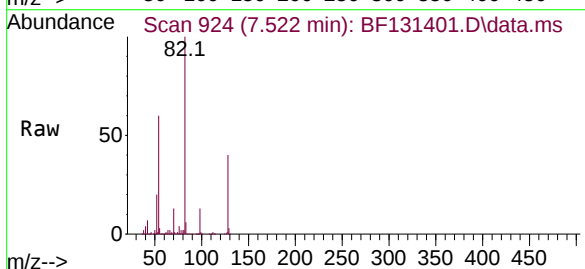


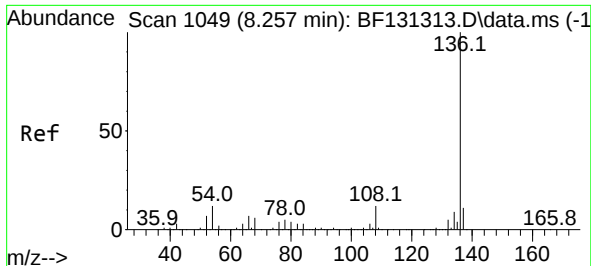
Tgt Ion: 99 Resp: 265262
Ion Ratio Lower Upper
99 100
42 23.6 19.4 29.2
71 39.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.121 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

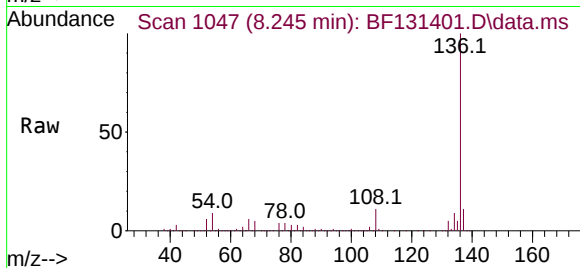
Tgt Ion: 70 Resp: 77629
Ion Ratio Lower Upper
70 100
42 54.2 57.6 86.4#
101 0.0 8.2 12.2#
130 2.1 16.3 24.5#



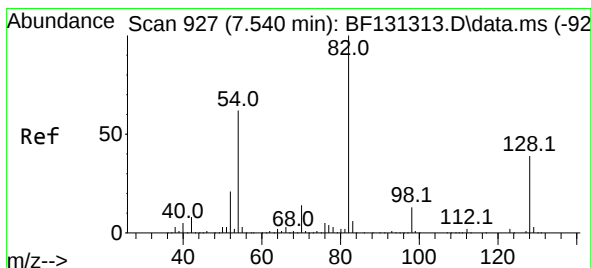
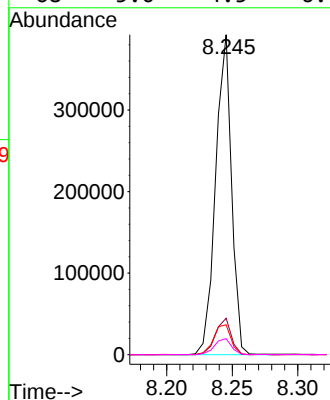
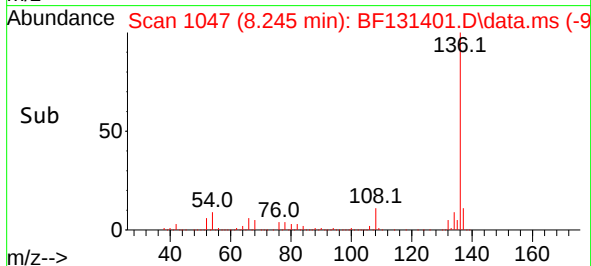


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

Instrument :
BNA_F
ClientSampleId :

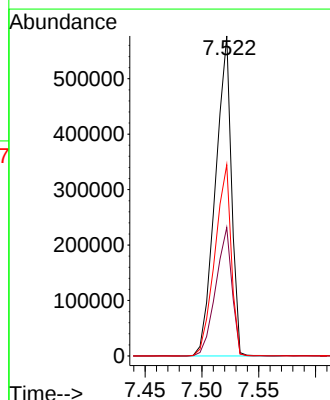
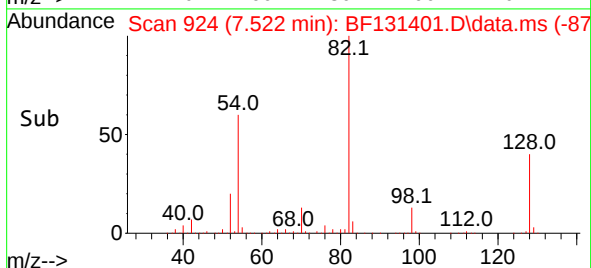
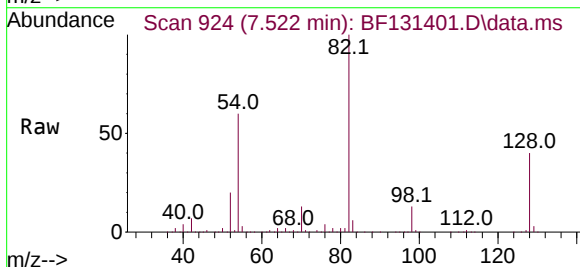


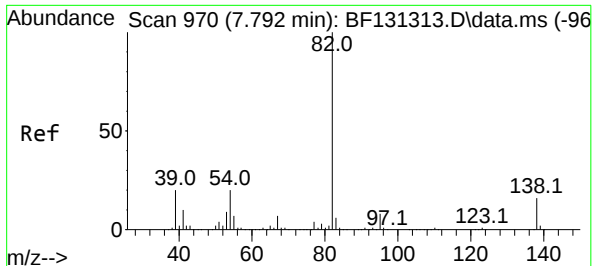
Tgt Ion:136 Resp: 330946
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.4 9.4 14.0
68 5.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 86.579 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

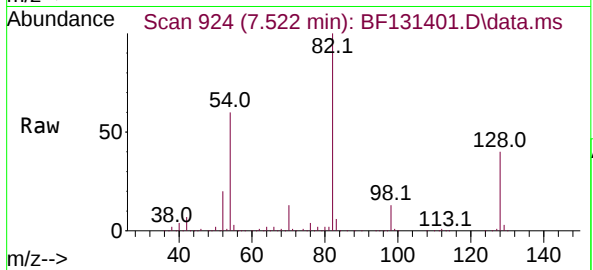
Tgt Ion: 82 Resp: 568412
Ion Ratio Lower Upper
82 100
128 40.1 31.4 47.0
54 59.7 49.8 74.6



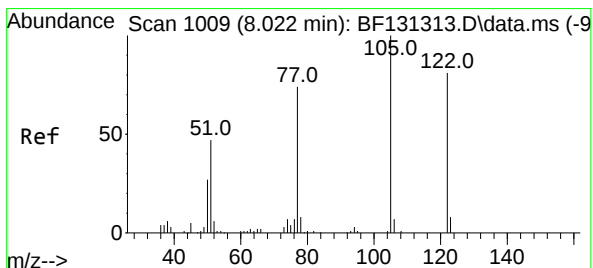
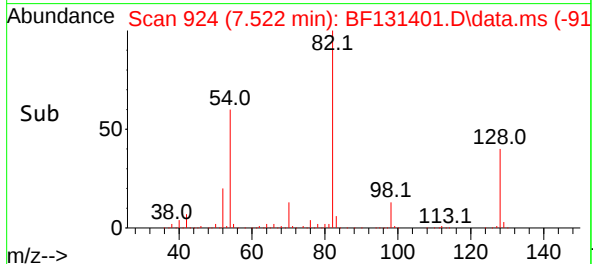
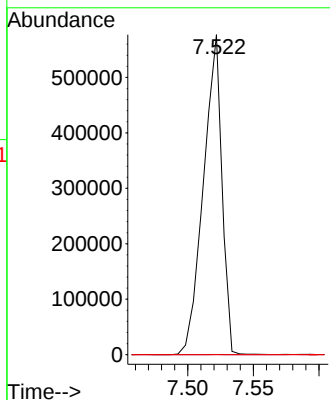


#25
Isophorone
Concen: 48.328 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

Instrument :
BNA_F
ClientSampleId :

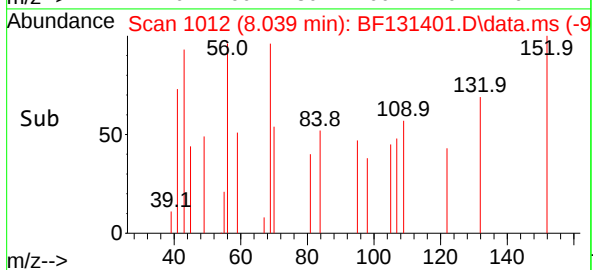
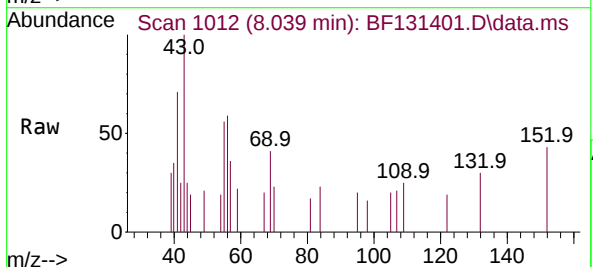
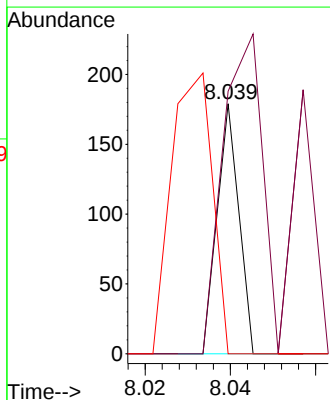


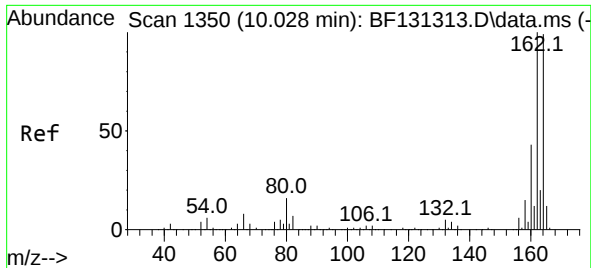
Tgt Ion: 82 Resp: 566072
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.153 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.030 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

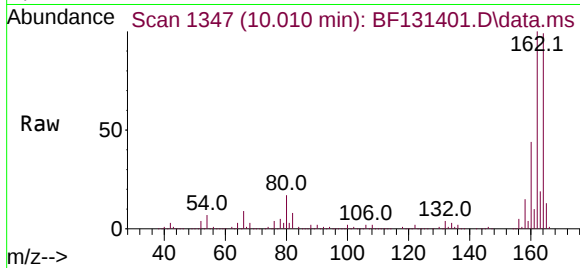
Tgt Ion: 122 Resp: 63
Ion Ratio Lower Upper
122 100
105 105.0 103.8 143.8
77 0.0 74.3 114.3#



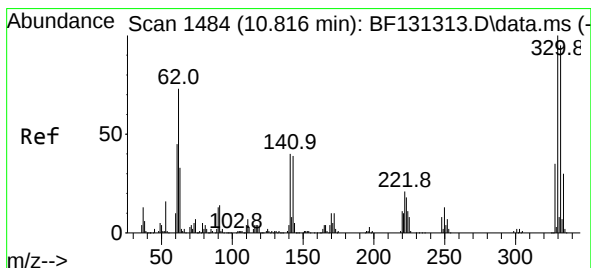
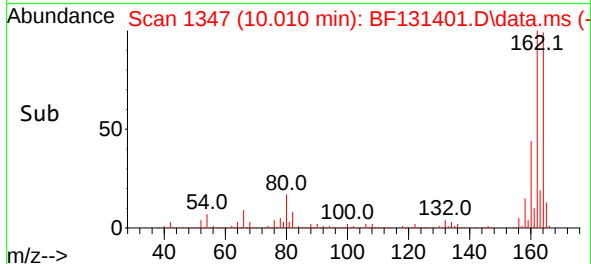
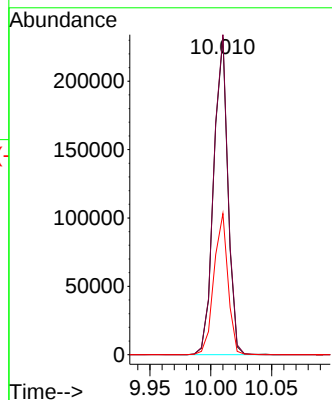


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

Instrument :
BNA_F
ClientSampleId :

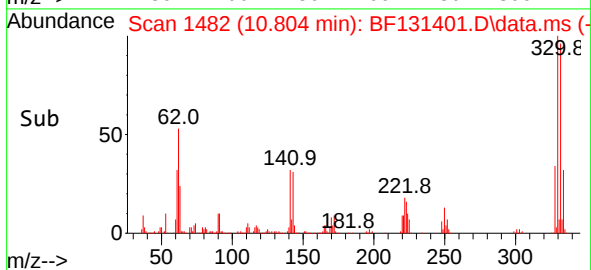
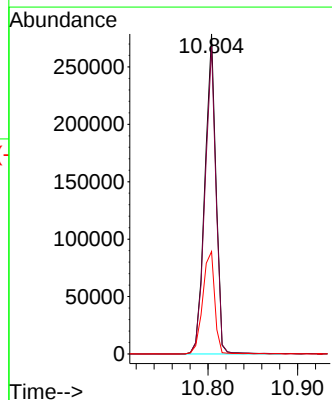
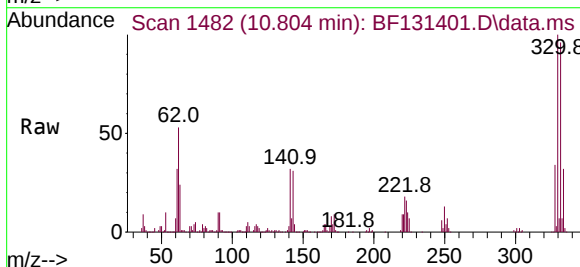


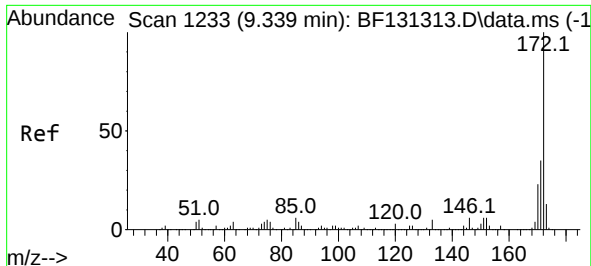
Tgt Ion:164 Resp: 187111
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.5 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 151.825 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

Tgt Ion:330 Resp: 238999
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 34.8 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 79.050 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.006 min

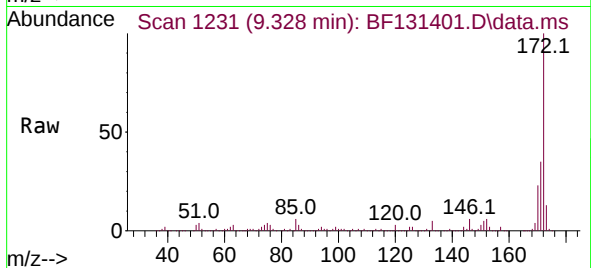
Lab File: BF131401.D

Acq: 25 Nov 2022 18:10

Instrument :

BNA_F

ClientSampleId :



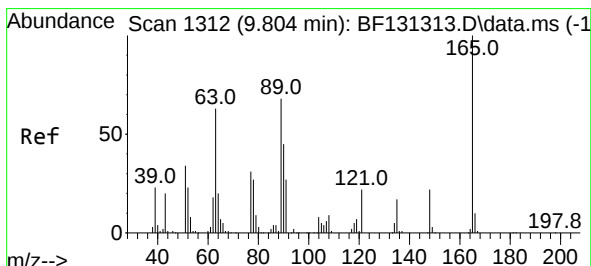
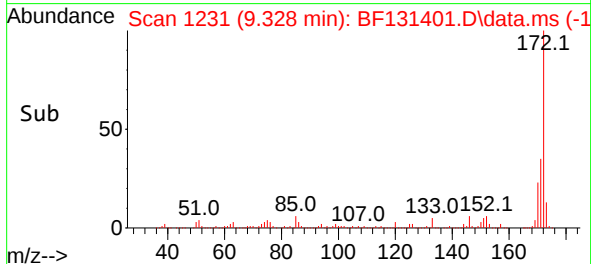
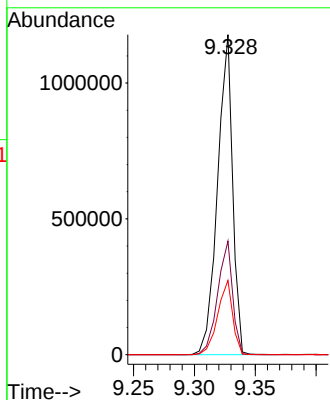
Tgt Ion:172 Resp: 1016693

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.2 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.230 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.212 min

Lab File: BF131401.D

Acq: 25 Nov 2022 18:10

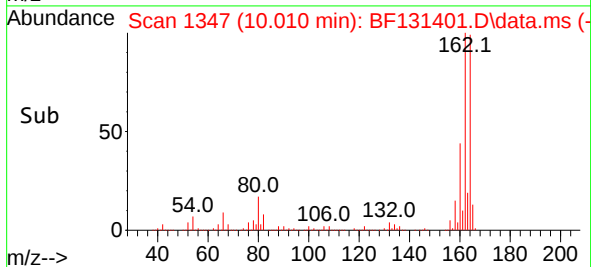
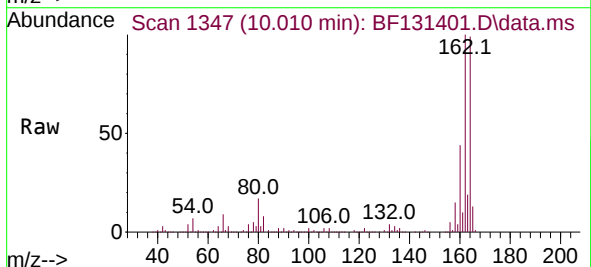
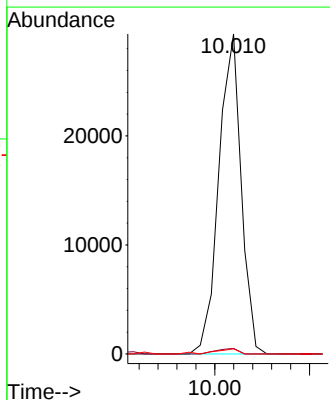
Tgt Ion:165 Resp: 24063

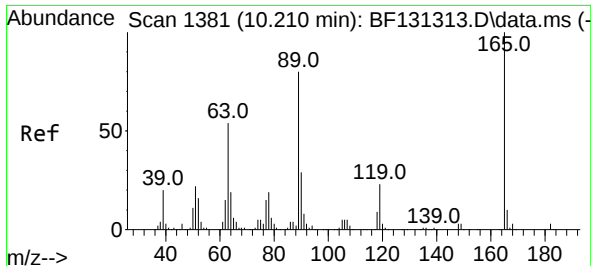
Ion Ratio Lower Upper

165 100

63 1.8 62.0 93.0#

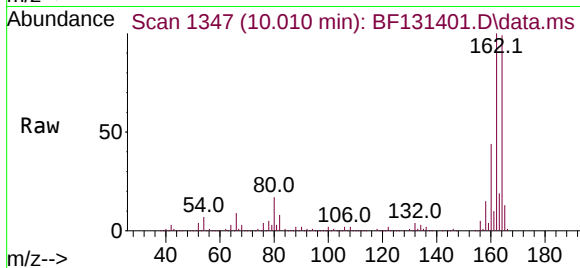
89 1.6 54.4 81.6#



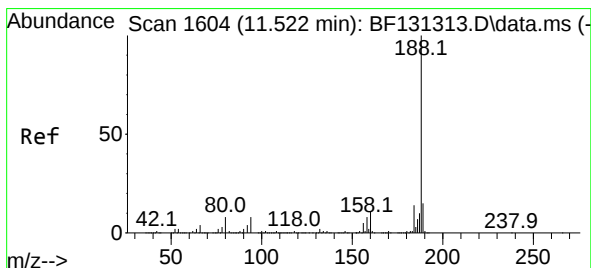
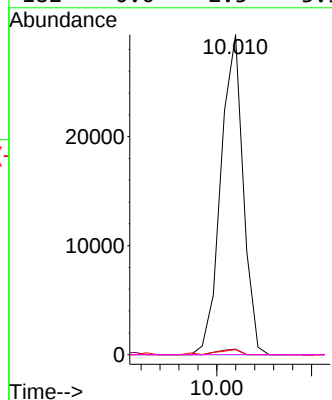
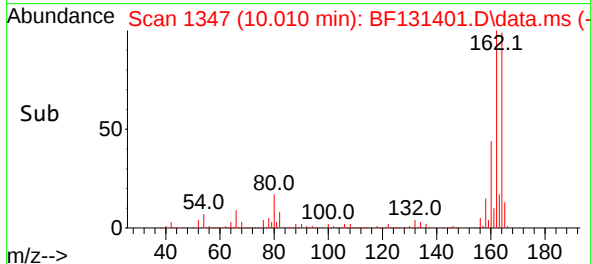


#57
2,4-Dinitrotoluene
Concen: 7.335 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

Instrument :
BNA_F
ClientSampleId :

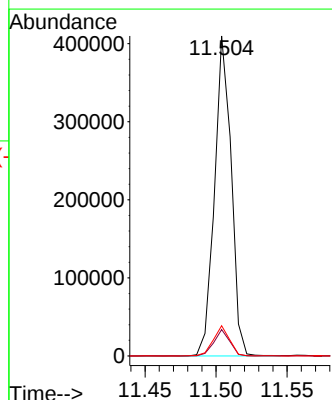
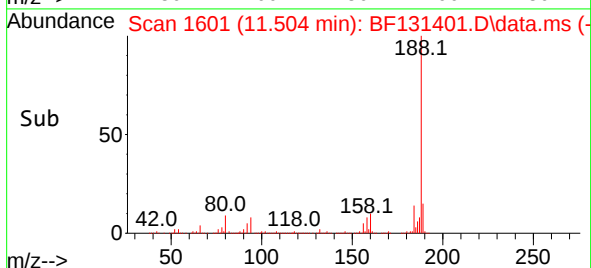
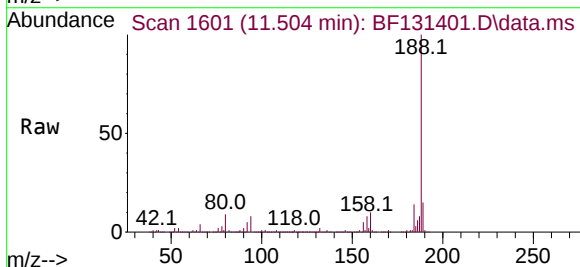


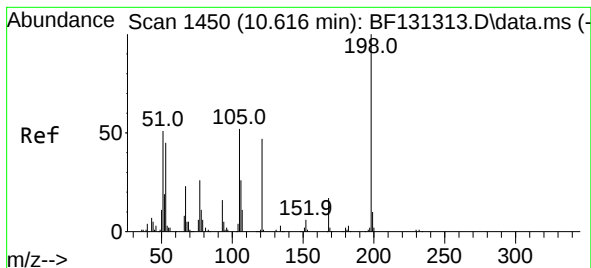
Tgt Ion:165 Resp: 24063
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.2#
89 1.6 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

Tgt Ion:188 Resp: 333839
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 9.4 6.8 10.2

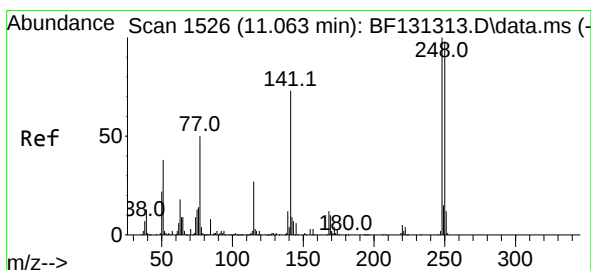
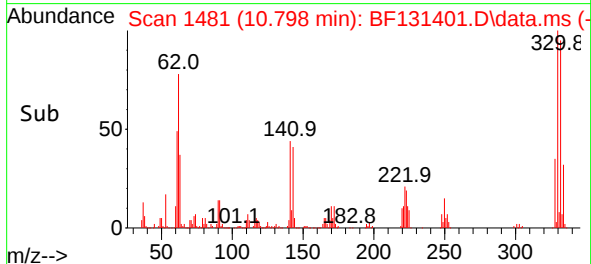
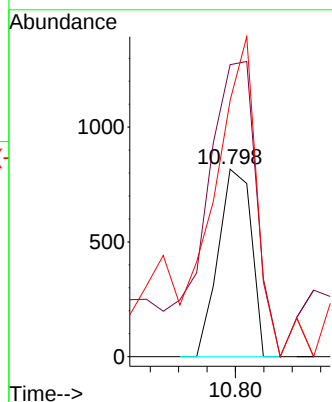
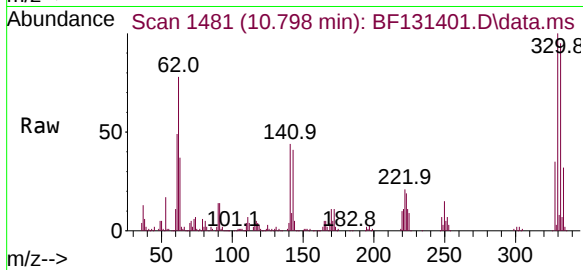




#65
4,6-Dinitro-2-methylphenol
Concen: 5.093 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.188 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

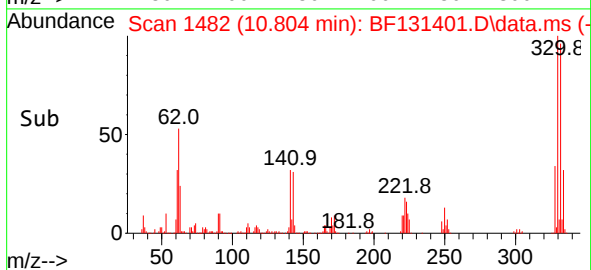
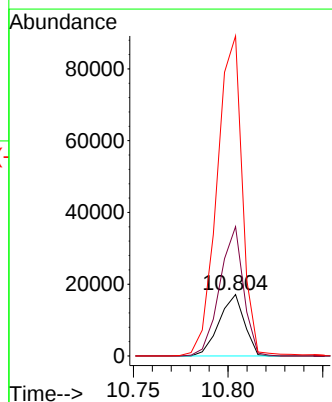
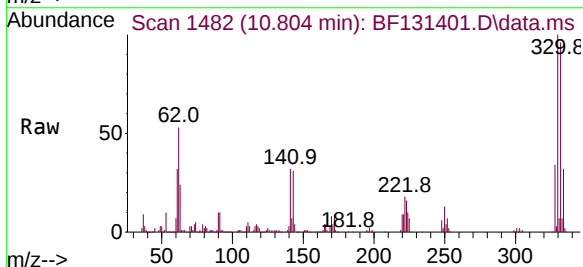
Instrument :
BNA_F
ClientSampleId :

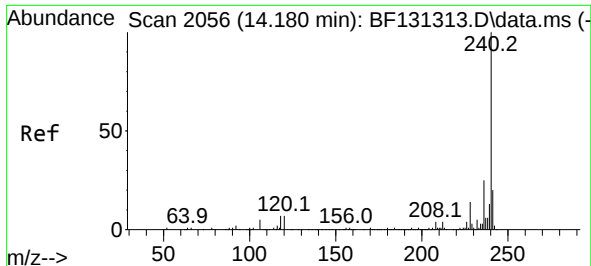
Tgt Ion:198 Resp: 663
Ion Ratio Lower Upper
198 100
51 155.7 50.1 90.1#
105 136.6 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.870 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

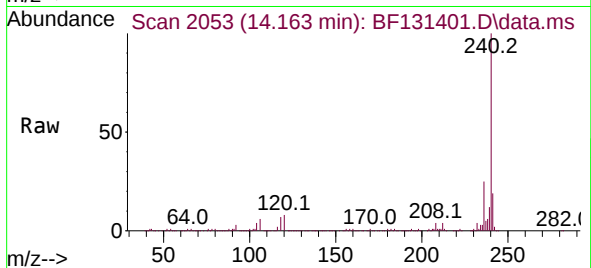
Tgt Ion:248 Resp: 15836
Ion Ratio Lower Upper
248 100
250 210.3 78.3 117.5#
141 520.7 58.0 87.0#



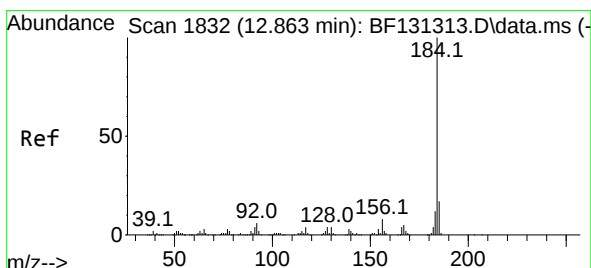
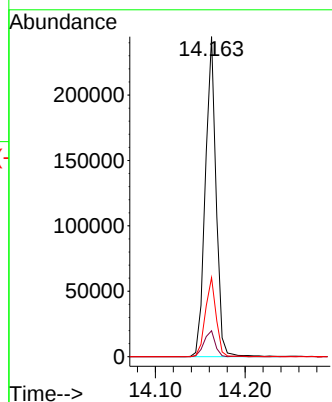
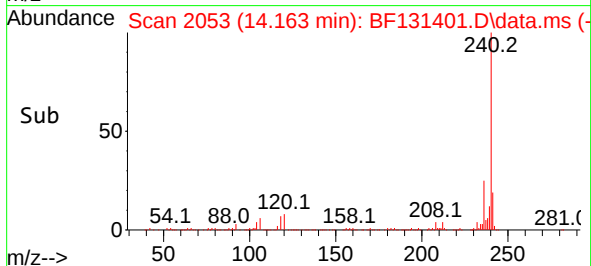


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

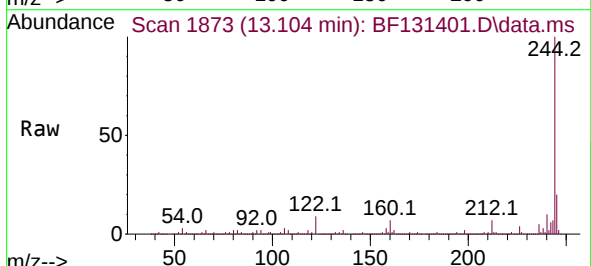
Instrument :
BNA_F
ClientSampleId :



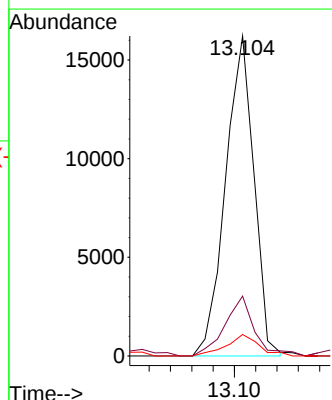
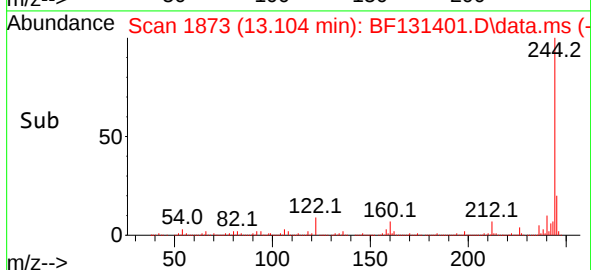
Tgt Ion:240 Resp: 203121
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 24.7 20.3 30.5

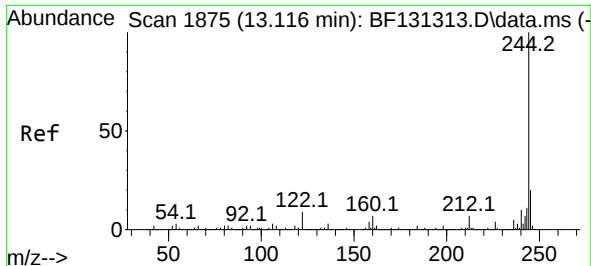


#77
Benzidine
Concen: 4.003 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10



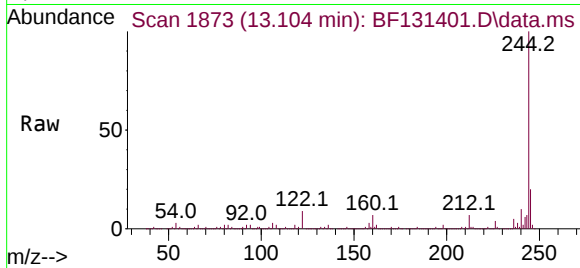
Tgt Ion:184 Resp: 15018
Ion Ratio Lower Upper
184 100
185 18.7 13.8 20.8
183 6.7 9.6 14.4#



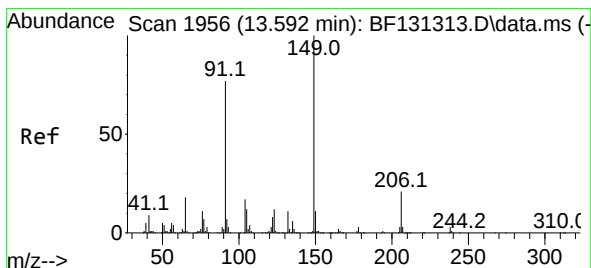
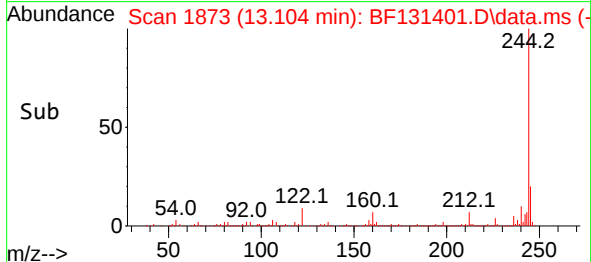
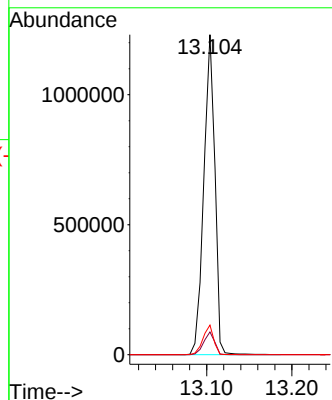


#79
 Terphenyl-d14
 Concen: 89.249 ng
 RT: 13.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131401.D
 Acq: 25 Nov 2022 18:10

Instrument :
 BNA_F
 ClientSampleId :

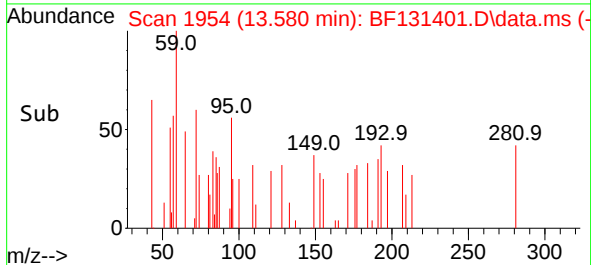
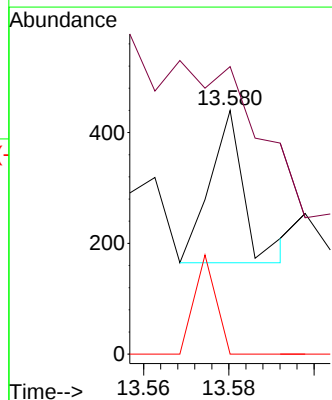
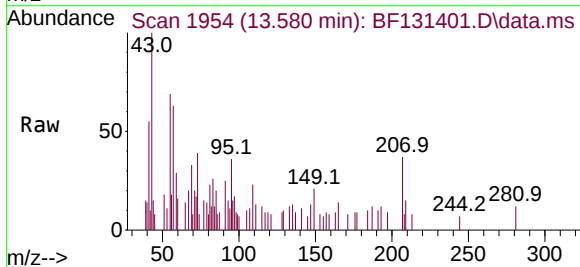


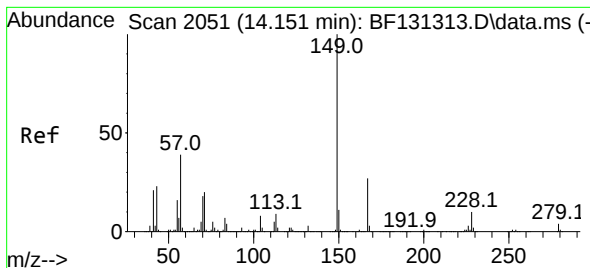
Tgt Ion:244 Resp: 1108588
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.2 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.167 ng
 RT: 13.580 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: BF131401.D
 Acq: 25 Nov 2022 18:10

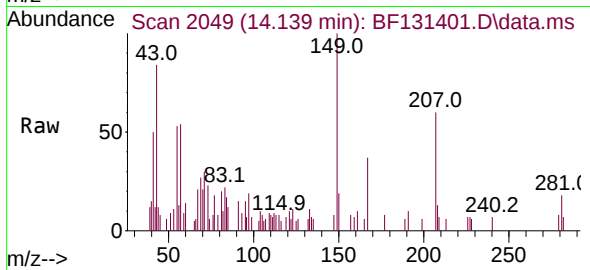
Tgt Ion:149 Resp: 156
 Ion Ratio Lower Upper
 149 100
 91 118.0 61.9 92.9#
 206 0.0 16.5 24.7#



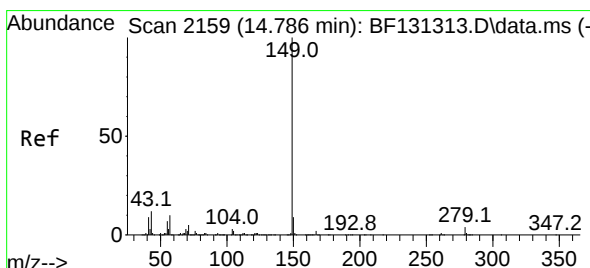
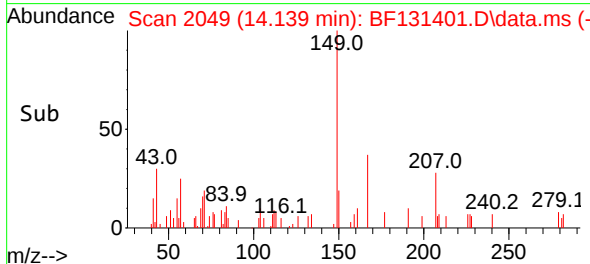
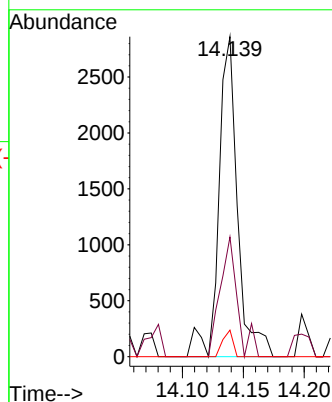


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.102 ng
 RT: 14.139 min Scan# 2049
 Delta R.T. -0.006 min
 Lab File: BF131401.D
 Acq: 25 Nov 2022 18:10

Instrument :
 BNA_F
 ClientSampleId :

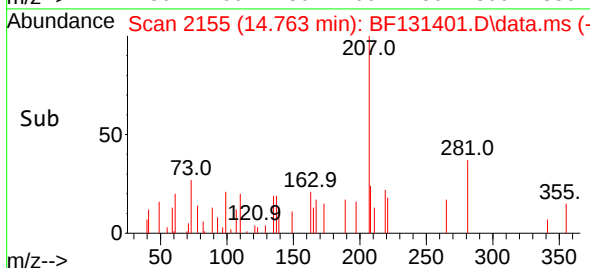
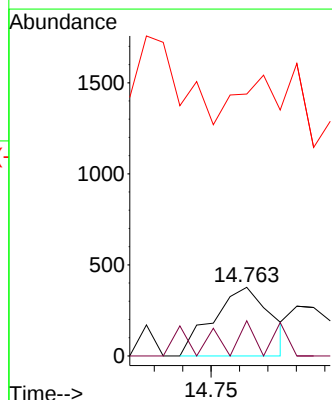
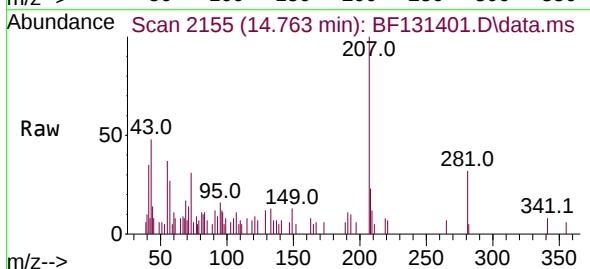


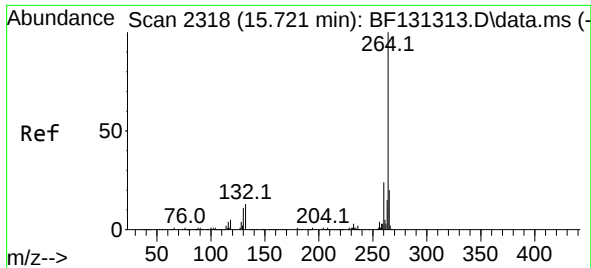
Tgt Ion:149 Resp: 3067
 Ion Ratio Lower Upper
 149 100
 167 37.4 21.9 32.9#
 279 8.3 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.955 ng
 RT: 14.763 min Scan# 2155
 Delta R.T. -0.012 min
 Lab File: BF131401.D
 Acq: 25 Nov 2022 18:10

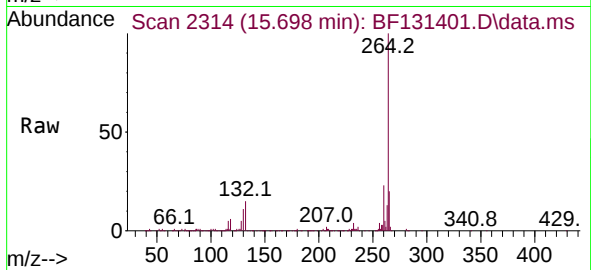
Tgt Ion:149 Resp: 530
 Ion Ratio Lower Upper
 149 100
 167 25.1 1.2 1.8#
 43 109.4 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 175638

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	20.3	16.4	24.6

