

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131406.D
 Acq On : 25 Nov 2022 20:51
 Operator : CG\JU
 Sample : N5741-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:12:28 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)

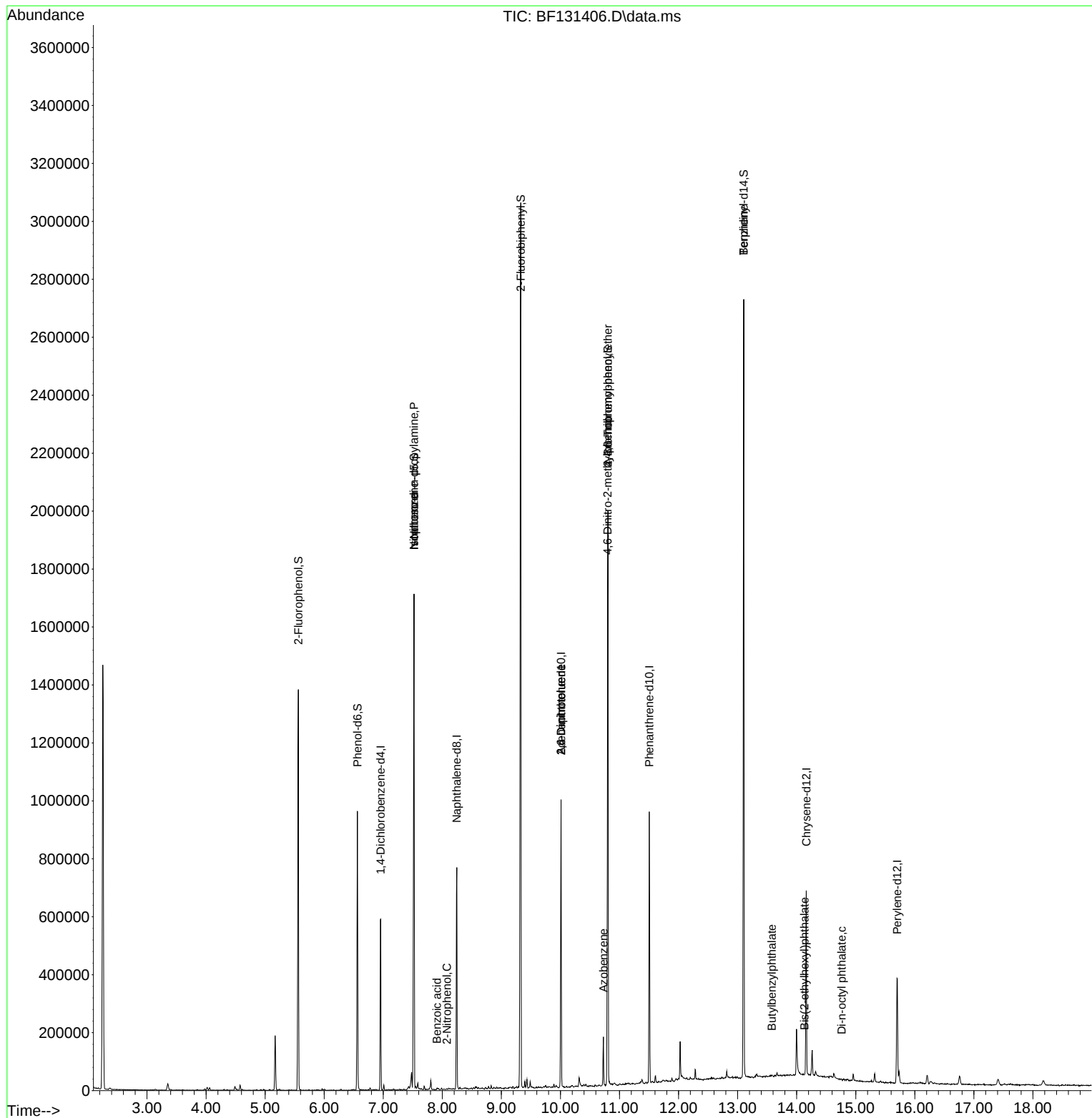
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	89448	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	320850	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	180103	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	319711	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	210368	20.000	ng	-0.01
86) Perylene-d12	15.704	264	181574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	322296	68.576	ng	0.00
7) Phenol-d6	6.563	99	261335	43.582	ng	-0.02
23) Nitrobenzene-d5	7.522	82	538082	84.538	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	231252	152.619	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	976668	78.892	ng	0.00
79) Terphenyl-d14	13.104	244	921213	71.609	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	168	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	7.522	70	74332	16.933	ng	# 71
25) Isophorone	7.522	82	535757	47.180	ng	# 68
26) 2-Nitrophenol	8.081	139	63	3.613	ng	# 23
32) Benzoic acid	7.910	122	425	5.310	ng	# 61
51) 2,6-Dinitrotoluene	10.010	165	23465	9.350	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	23465	7.431	ng	# 19
63) Azobenzene	10.727	77	26189	2.056	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.798	198	594	5.059	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	15848	4.044	ng	# 1
77) Benzidine	13.104	184	11985	3.084	ng	# 94
80) Butylbenzylphthalate	13.580	149	533	4.222	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.133	149	1057	3.866	ng	# 90
85) Di-n-octyl phthalate	14.762	149	407	3.941	ng	# 66

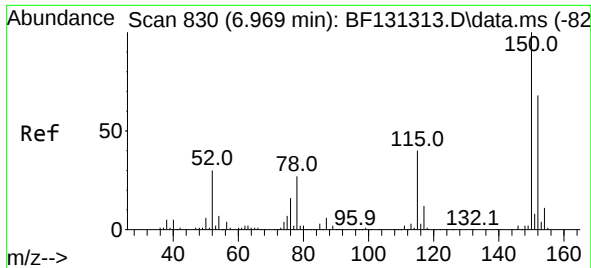
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
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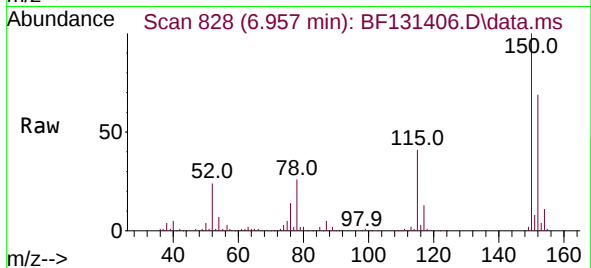
Quant Time: Nov 26 00:12:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
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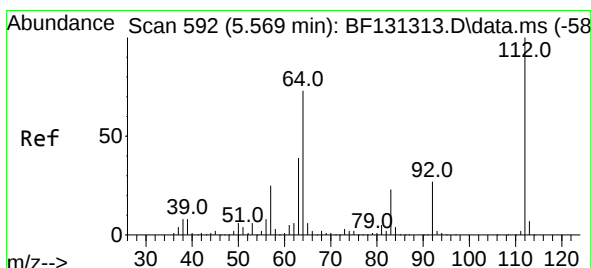
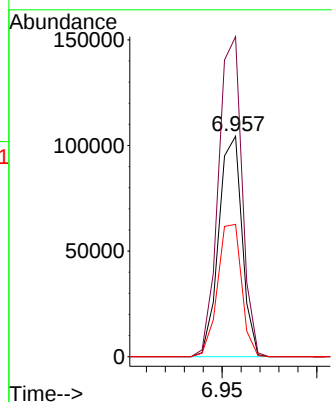
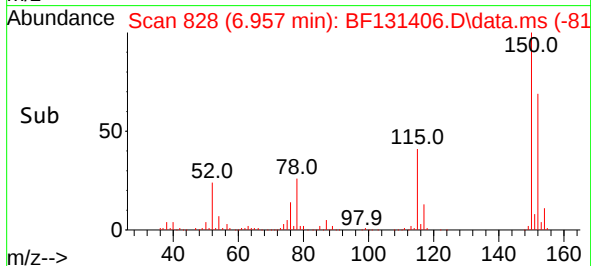


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

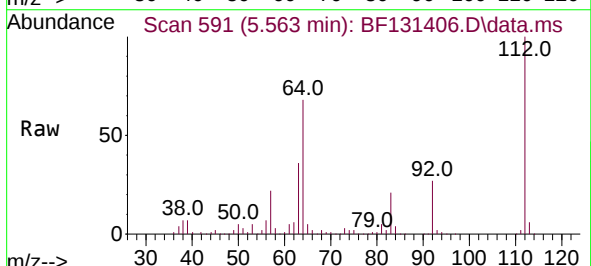
Instrument :
BNA_F
ClientSampleId :



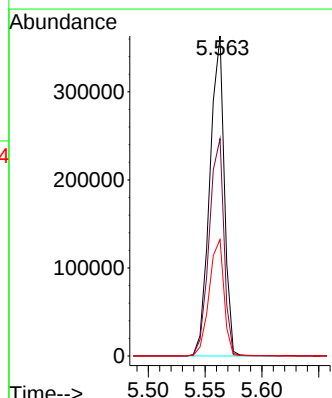
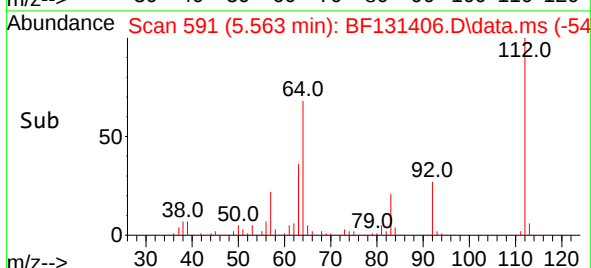
Tgt Ion:152 Resp: 89448
Ion Ratio Lower Upper
152 100
150 145.1 117.8 176.8
115 60.0 47.1 70.7

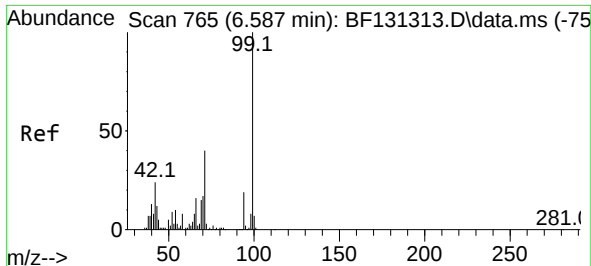


#5
2-Fluorophenol
Concen: 68.576 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51



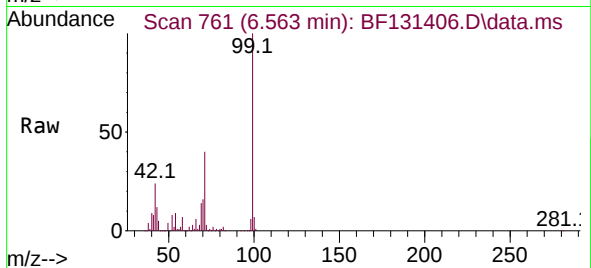
Tgt Ion:112 Resp: 322296
Ion Ratio Lower Upper
112 100
64 67.9 58.6 88.0
63 36.4 31.4 47.0



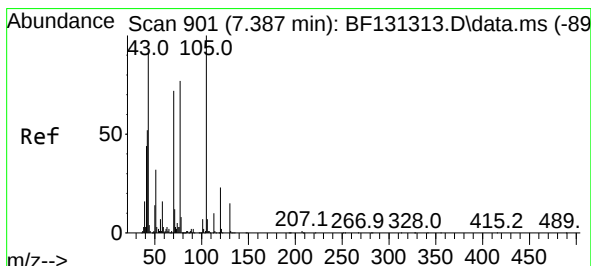
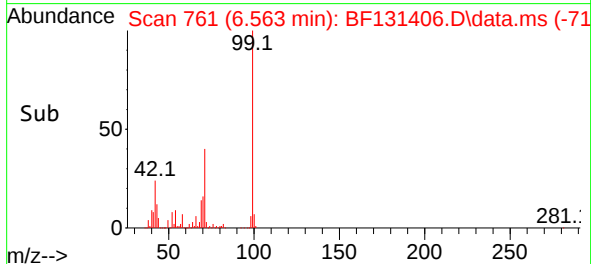
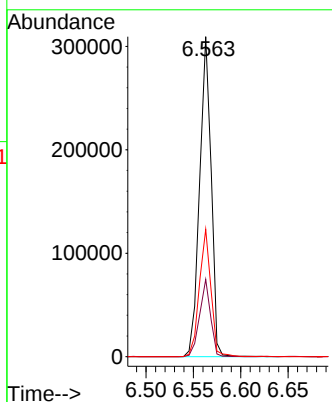


#7
Phenol-d6
Concen: 43.582 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

Instrument :
BNA_F
ClientSampleId :

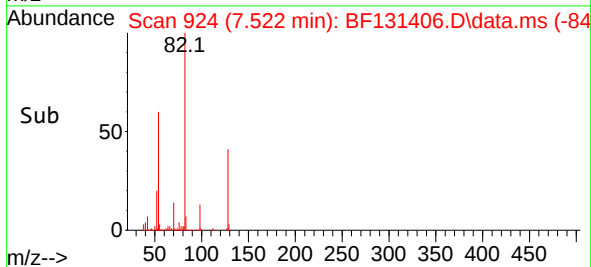
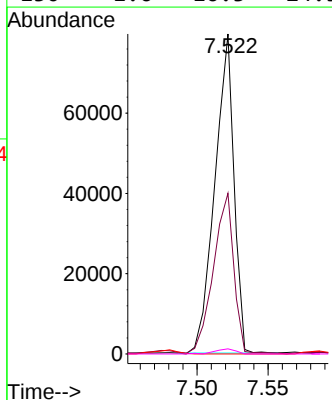
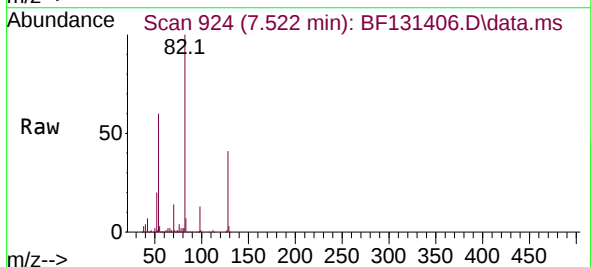


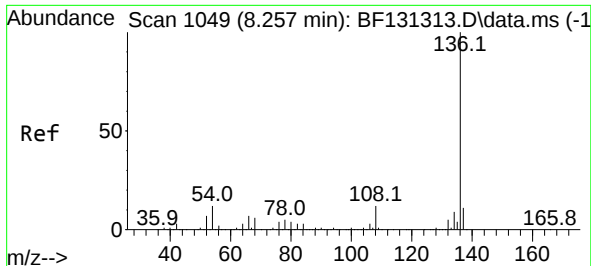
Tgt Ion: 99 Resp: 261335
Ion Ratio Lower Upper
99 100
42 24.1 19.4 29.2
71 39.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.933 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

Tgt Ion: 70 Resp: 74332
Ion Ratio Lower Upper
70 100
42 50.2 57.6 86.4#
101 0.0 8.2 12.2#
130 1.6 16.3 24.5#



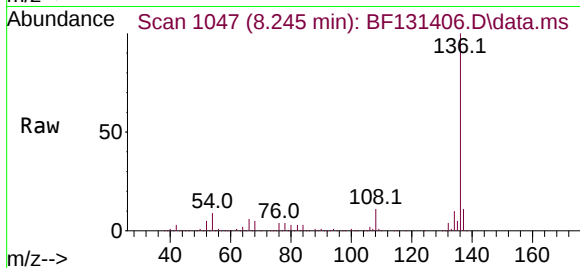


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

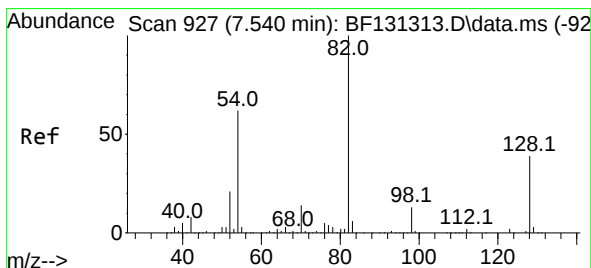
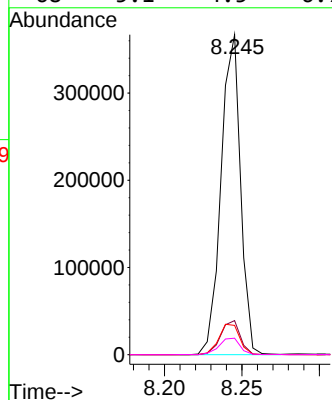
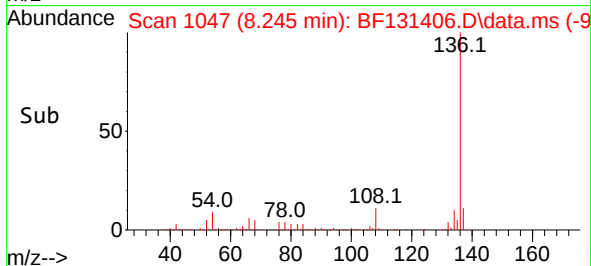
Instrument :

BNA_F

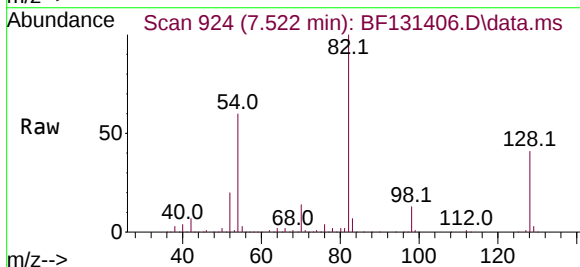
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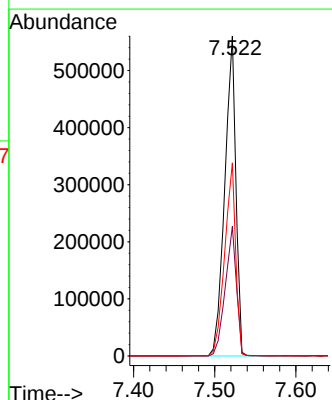
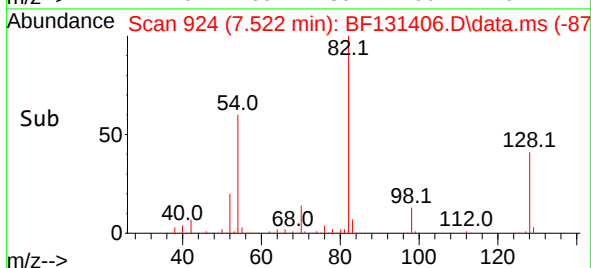
Tgt Ion:136 Resp: 320850
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.2 9.4 14.0#
68 5.1 4.5 6.7

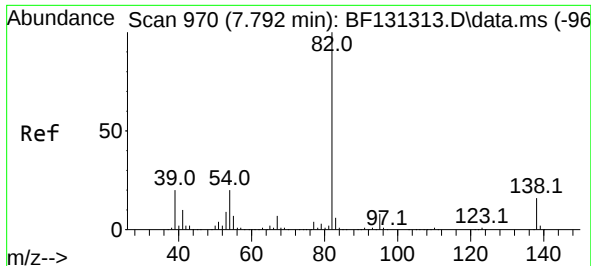


#23
Nitrobenzene-d5
Concen: 84.538 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51



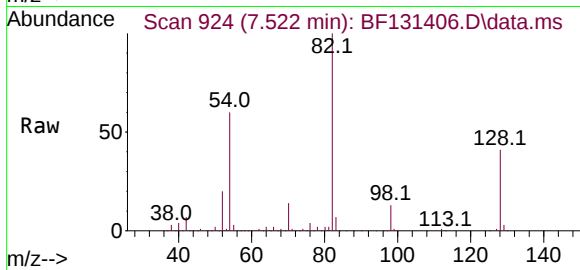
Tgt Ion: 82 Resp: 538082
Ion Ratio Lower Upper
82 100
128 40.5 31.4 47.0
54 60.4 49.8 74.6



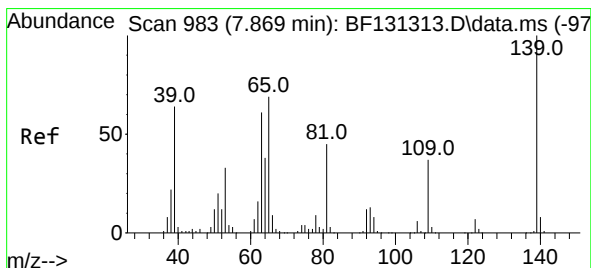
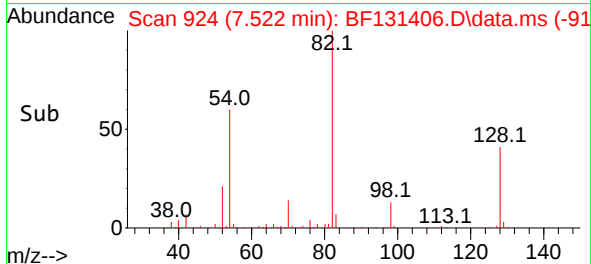
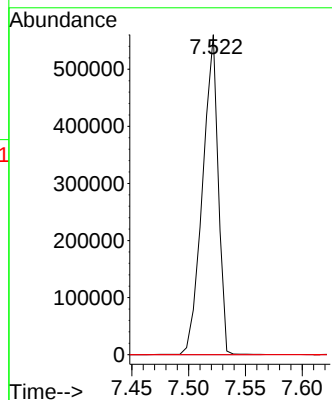


#25
Isophorone
Concen: 47.180 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

Instrument :
BNA_F
ClientSampleId :

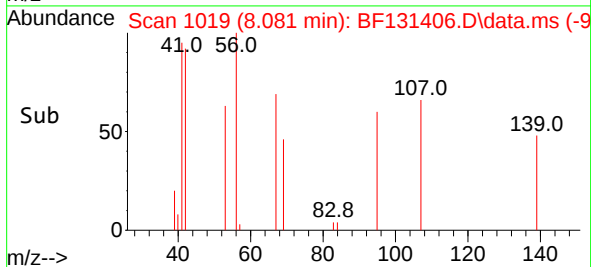
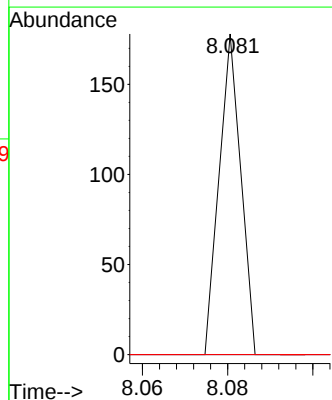
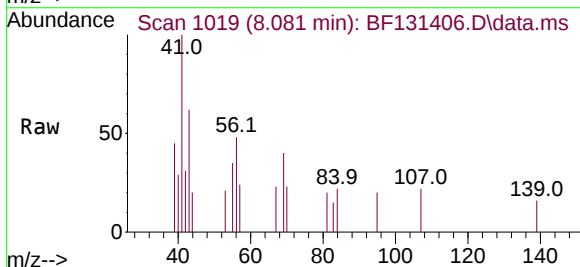


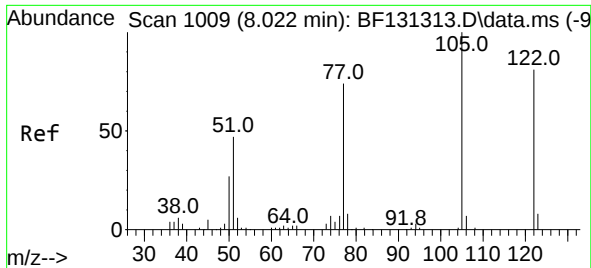
Tgt Ion: 82 Resp: 535757
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.613 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.218 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

Tgt Ion: 139 Resp: 63
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#

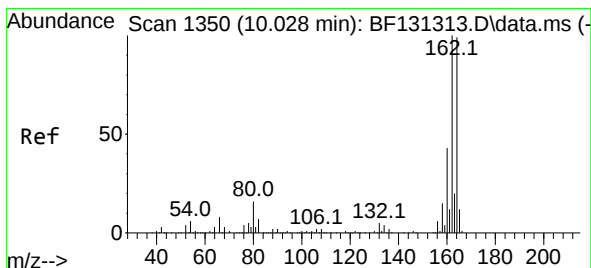
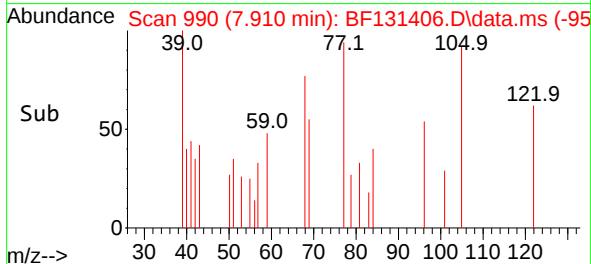
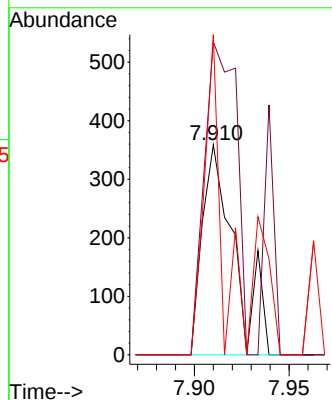
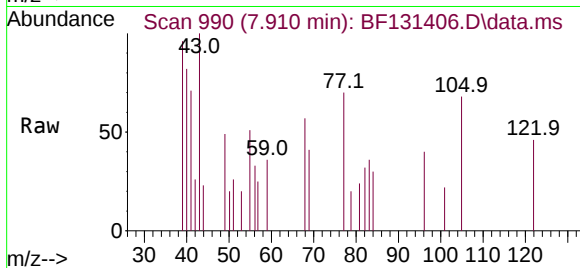




#32
Benzoic acid
Concen: 5.310 ng
RT: 7.910 min Scan# 91
Delta R.T. -0.100 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

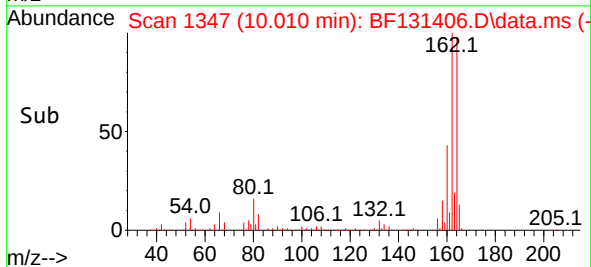
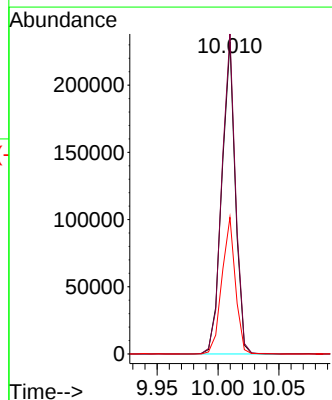
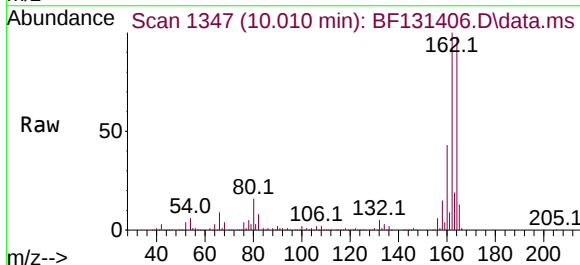
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BNA_F
ClientSampleId :

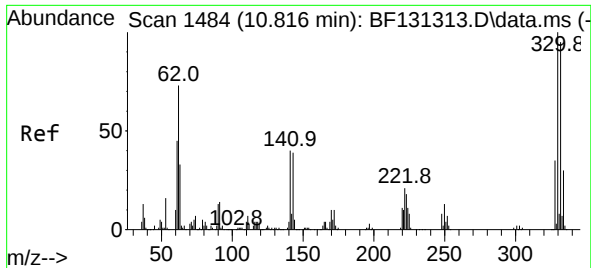
Tgt Ion:122 Resp: 425
Ion Ratio Lower Upper
122 100
105 149.0 103.8 143.8#
77 152.4 74.3 114.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

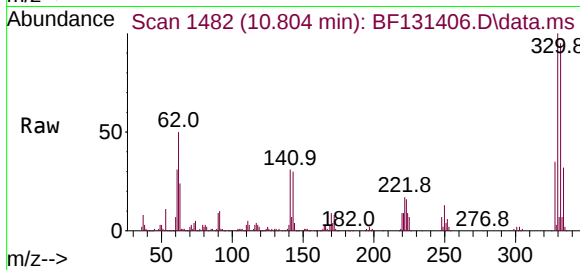
Tgt Ion:164 Resp: 180103
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 43.7 34.4 51.6



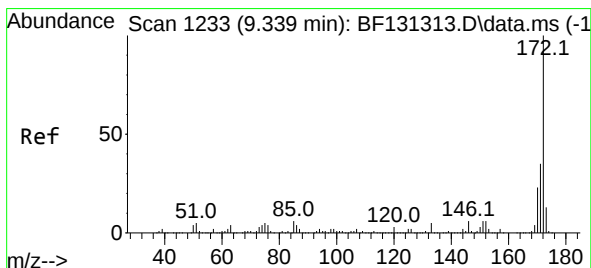
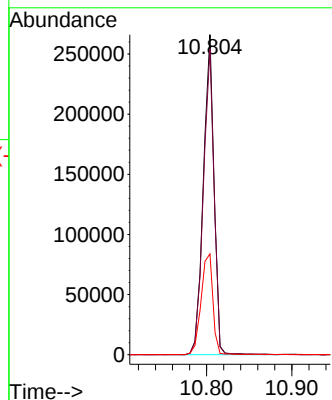
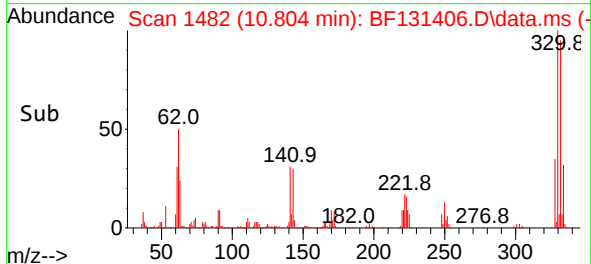


#42
 2,4,6-Tribromophenol
 Concen: 152.619 ng
 RT: 10.804 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: BF131406.D
 Acq: 25 Nov 2022 20:51

Instrument :
 BNA_F
 ClientSampleId :

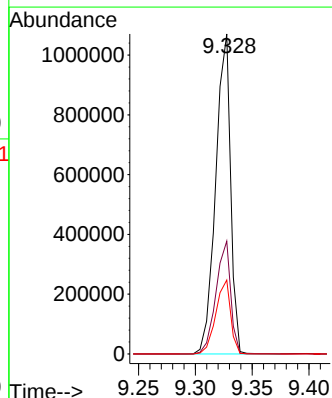
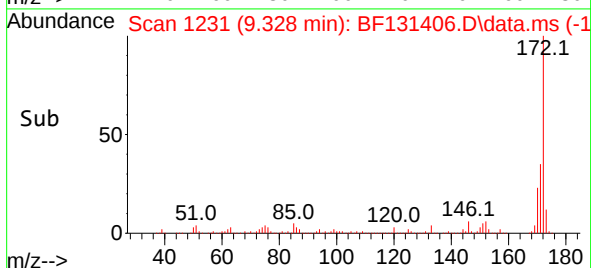
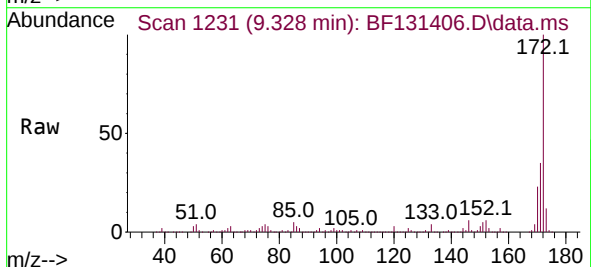


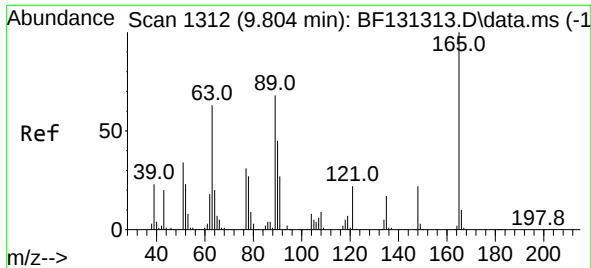
Tgt Ion:330 Resp: 231252
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.5 116.3
 141 34.9 29.3 43.9



#45
 2-Fluorobiphenyl
 Concen: 78.892 ng
 RT: 9.328 min Scan# 1231
 Delta R.T. -0.006 min
 Lab File: BF131406.D
 Acq: 25 Nov 2022 20:51

Tgt Ion:172 Resp: 976668
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.2
 170 23.1 18.7 28.1

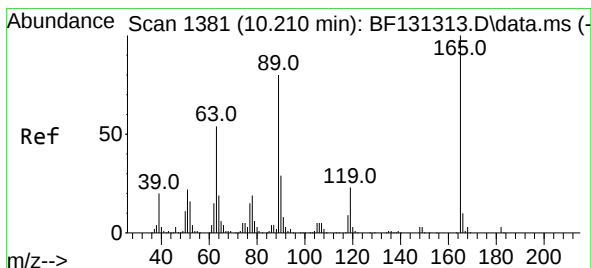
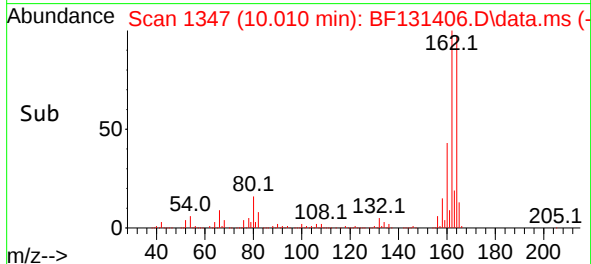
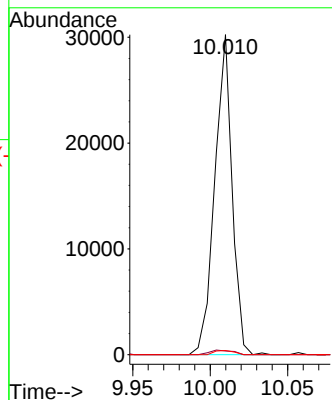
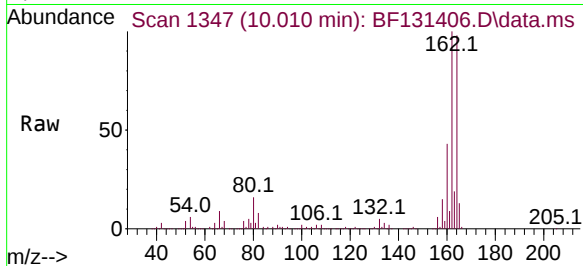




#51
2,6-Dinitrotoluene
Concen: 9.350 ng
RT: 10.010 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

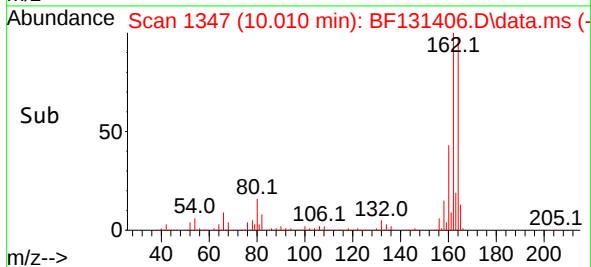
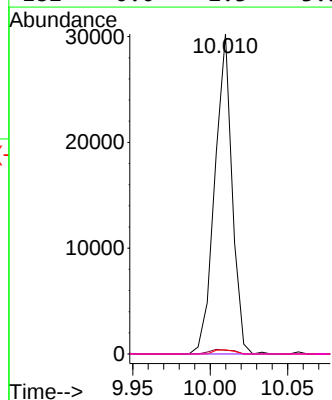
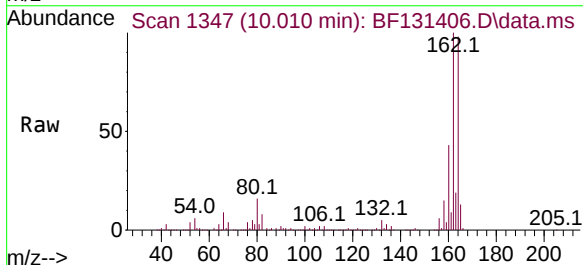
Instrument :
BNA_F
ClientSampleId :

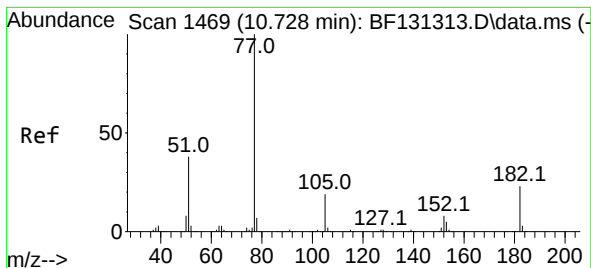
Tgt Ion:	165	Resp:	23465
Ion Ratio	Lower	Upper	
165	100		
63	1.1	62.0	93.0#
89	1.3	54.4	81.6#



#57
2,4-Dinitrotoluene
Concen: 7.431 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.194 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

Tgt Ion:	165	Resp:	23465
Ion Ratio	Lower	Upper	
165	100		
63	1.1	43.4	65.2#
89	1.3	64.0	96.0#
182	0.0	2.3	3.5#





#63

Azobenzene

Concen: 2.056 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.006 min

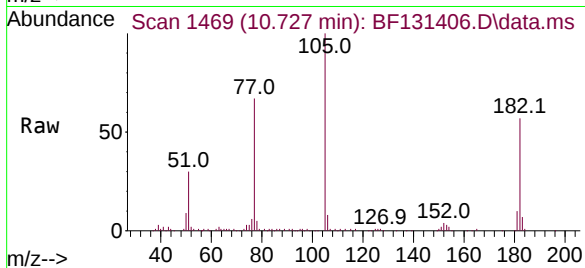
Lab File: BF131406.D

Acq: 25 Nov 2022 20:51

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 26189

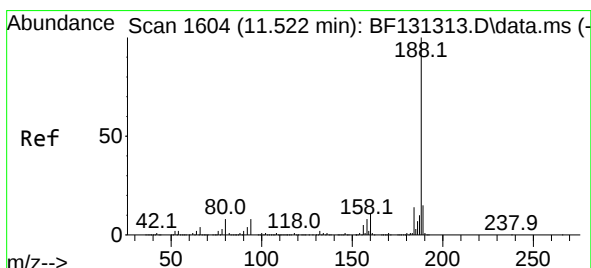
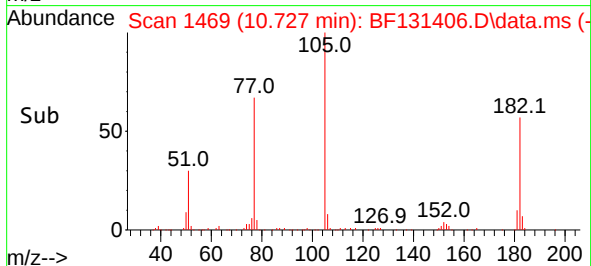
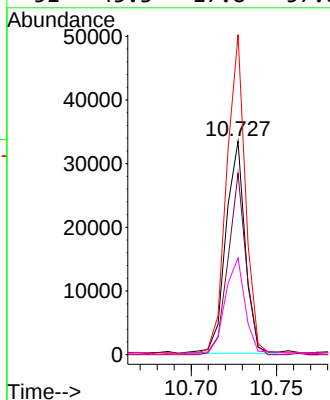
Ion Ratio Lower Upper

77 100

182 85.0 3.1 43.1#

105 149.9 0.0 39.2#

51 45.3 17.8 57.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BF131406.D

Acq: 25 Nov 2022 20:51

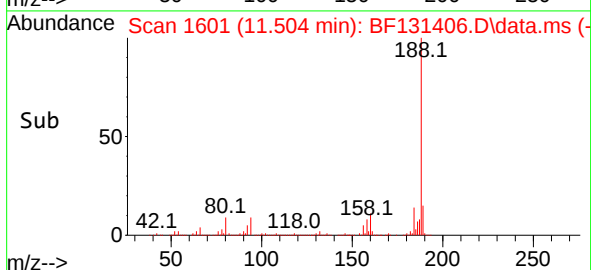
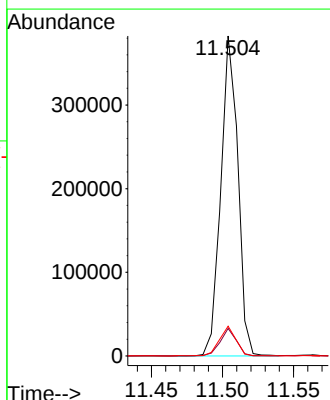
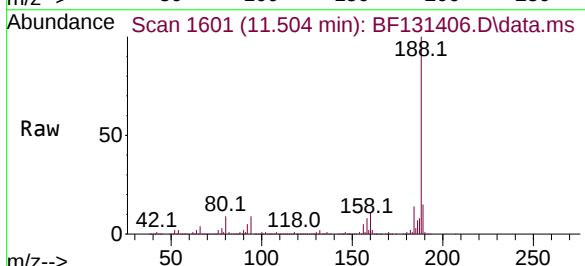
Tgt Ion: 188 Resp: 319711

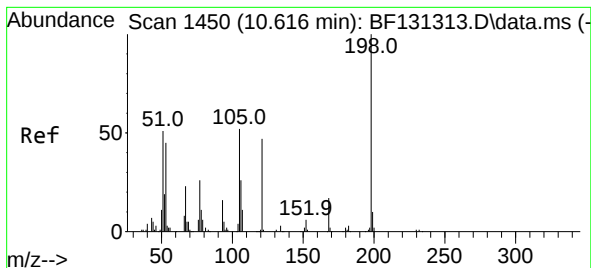
Ion Ratio Lower Upper

188 100

94 8.6 6.3 9.5

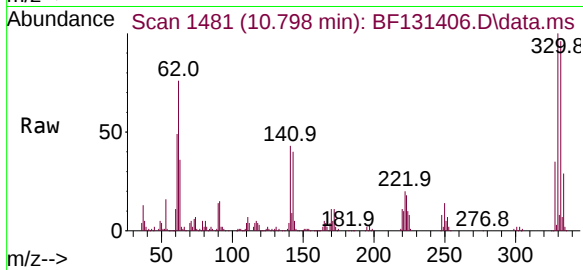
80 9.3 6.8 10.2



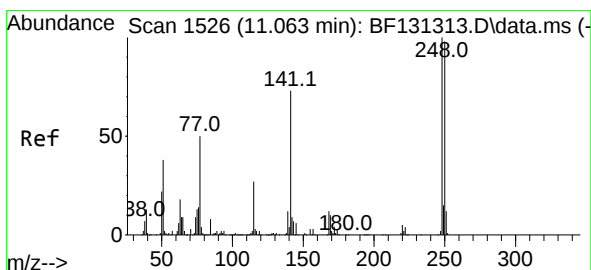
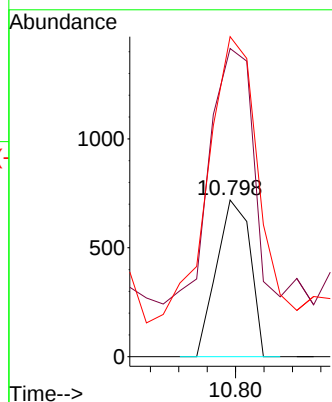
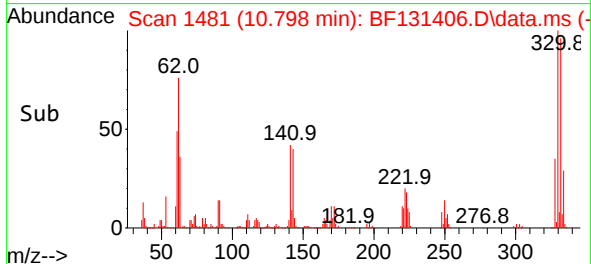


#65
4,6-Dinitro-2-methylphenol
Concen: 5.059 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.188 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51

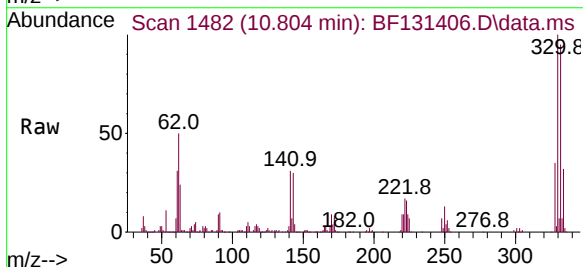
Instrument :
BNA_F
ClientSampleId :



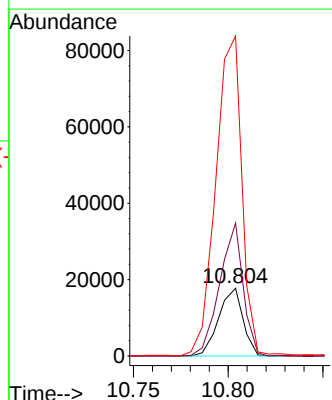
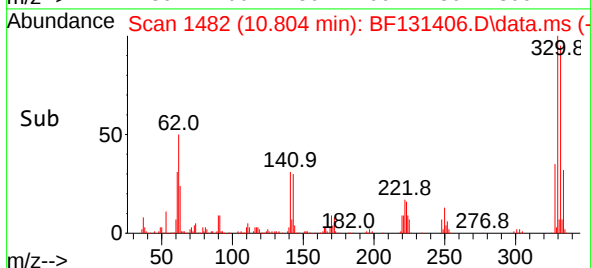
Tgt Ion:198 Resp: 594
Ion Ratio Lower Upper
198 100
51 196.8 50.1 90.1#
105 204.3 32.5 72.5#

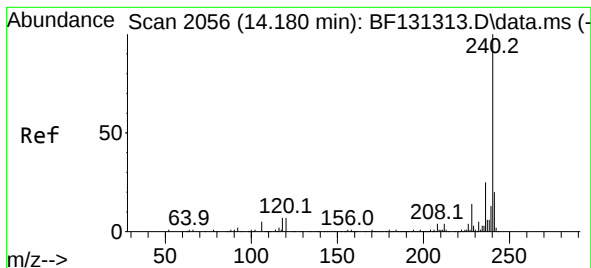


#67
4-Bromophenyl-phenylether
Concen: 4.044 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131406.D
Acq: 25 Nov 2022 20:51



Tgt Ion:248 Resp: 15848
Ion Ratio Lower Upper
248 100
250 196.3 78.3 117.5#
141 473.2 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: BF131406.D

Acq: 25 Nov 2022 20:51

Instrument :

BNA_F

ClientSampleId :

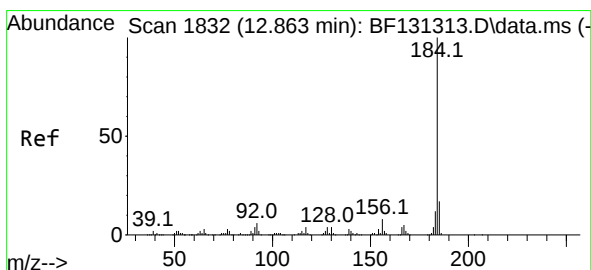
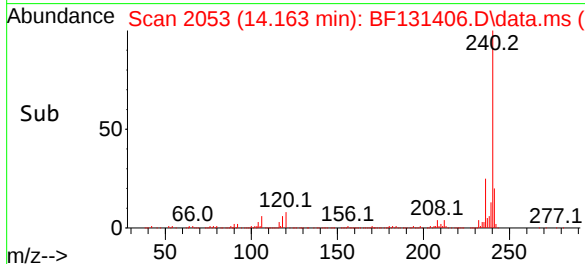
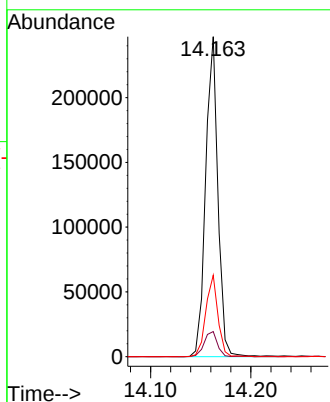
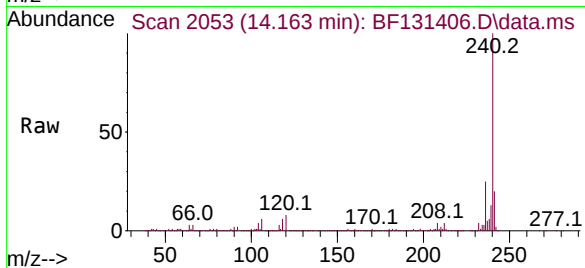
Tgt Ion:240 Resp: 210368

Ion Ratio Lower Upper

240 100

120 7.9 5.8 8.8

236 25.5 20.3 30.5



#77

Benzidine

Concen: 3.084 ng

RT: 13.104 min Scan# 1873

Delta R.T. 0.247 min

Lab File: BF131406.D

Acq: 25 Nov 2022 20:51

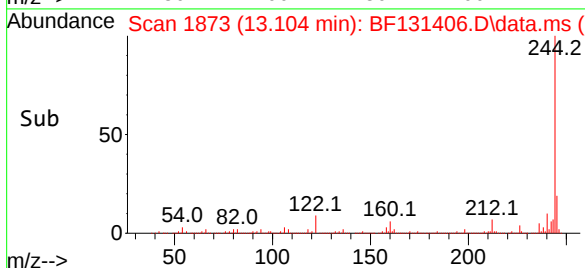
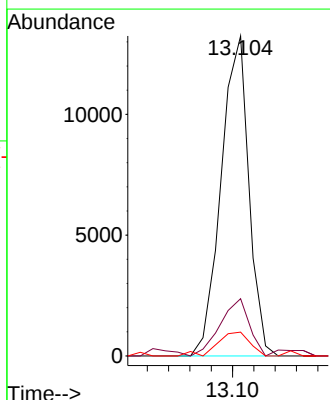
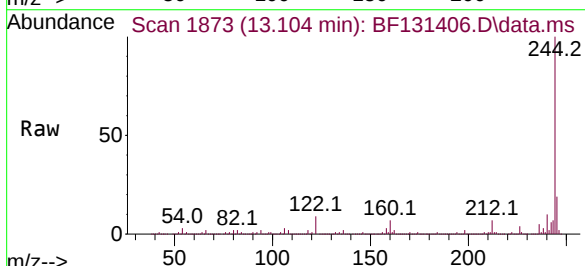
Tgt Ion:184 Resp: 11985

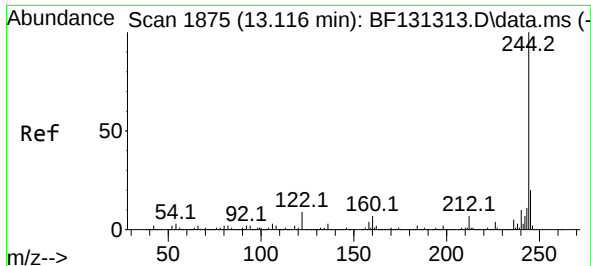
Ion Ratio Lower Upper

184 100

185 17.9 13.8 20.8

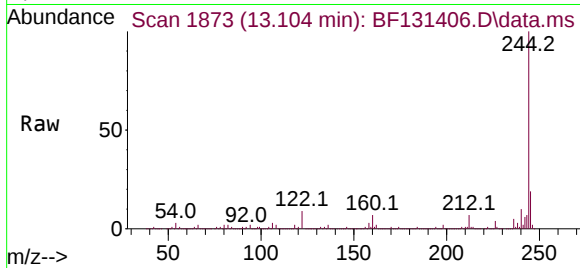
183 7.5 9.6 14.4#



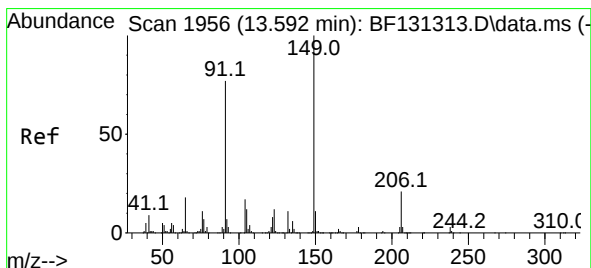
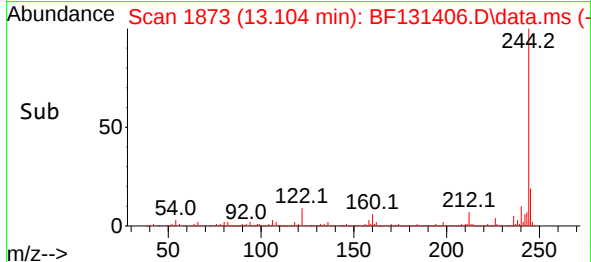
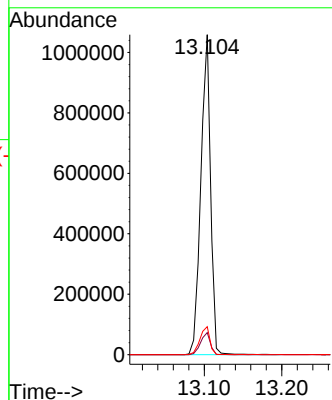


#79
 Terphenyl-d14
 Concen: 71.609 ng
 RT: 13.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131406.D
 Acq: 25 Nov 2022 20:51

Instrument :
 BNA_F
 ClientSampleId :

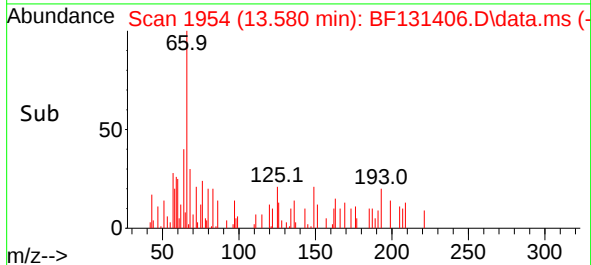
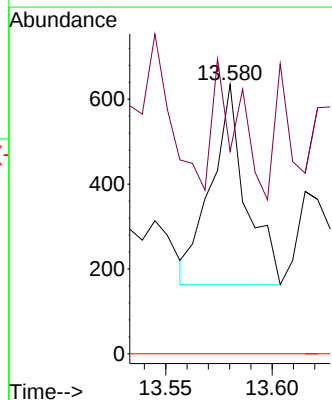
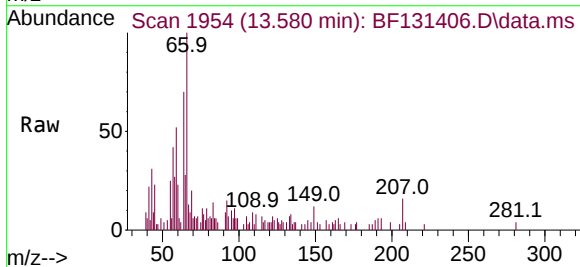


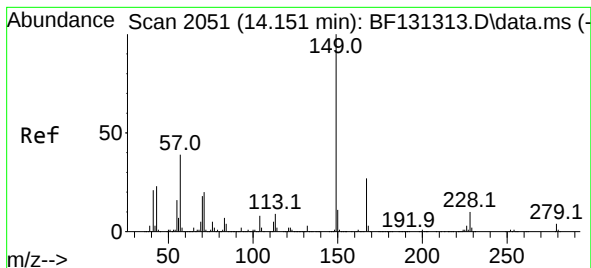
Tgt Ion:244 Resp: 921213
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 8.7 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.222 ng
 RT: 13.580 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: BF131406.D
 Acq: 25 Nov 2022 20:51

Tgt Ion:149 Resp: 533
 Ion Ratio Lower Upper
 149 100
 91 75.1 61.9 92.9
 206 0.0 16.5 24.7#

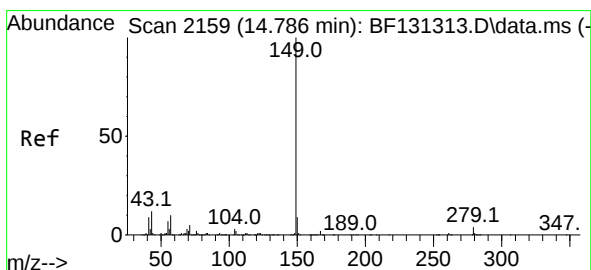
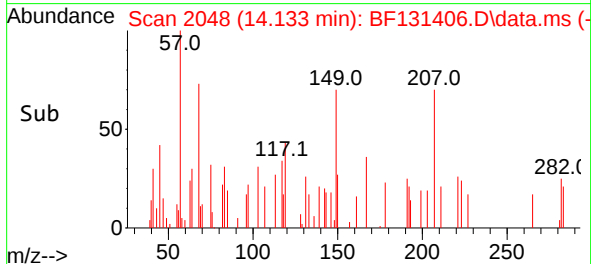
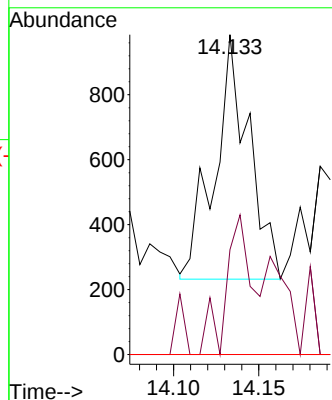
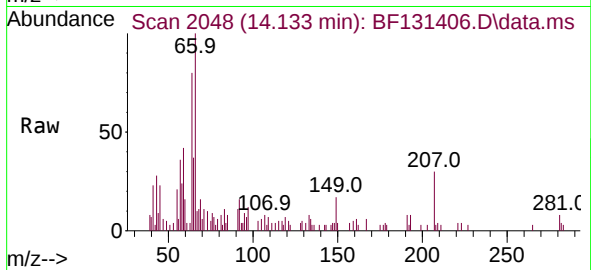




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.866 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.012 min
 Lab File: BF131406.D
 Acq: 25 Nov 2022 20:51

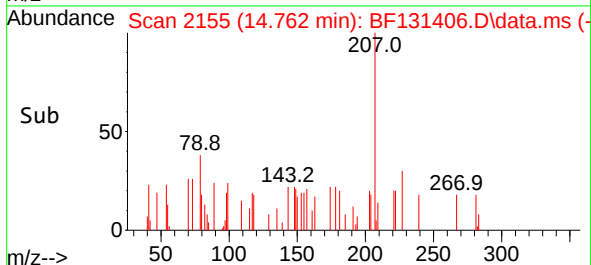
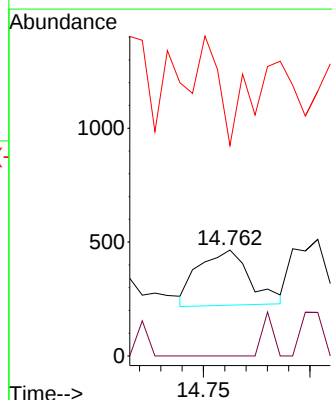
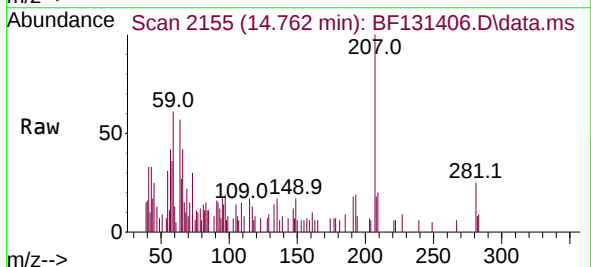
Instrument :
 BNA_F
 ClientSampleId :

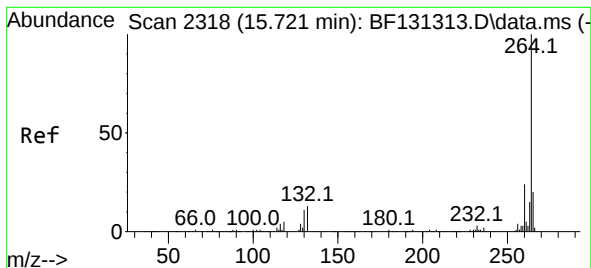
Tgt Ion:149 Resp: 1057
 Ion Ratio Lower Upper
 149 100
 167 32.8 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.941 ng
 RT: 14.762 min Scan# 2155
 Delta R.T. -0.012 min
 Lab File: BF131406.D
 Acq: 25 Nov 2022 20:51

Tgt Ion:149 Resp: 407
 Ion Ratio Lower Upper
 149 100
 167 16.7 1.2 1.8#
 43 0.0 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.704 min Scan# 21

Delta R.T. -0.006 min

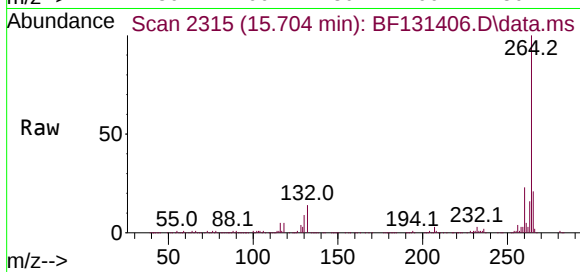
Lab File: BF131406.D

Acq: 25 Nov 2022 20:51

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 181574

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.4 16.4 24.6

