

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131392.D
 Acq On : 25 Nov 2022 12:54
 Operator : CG\JU
 Sample : N5742-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 23:16:38 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)

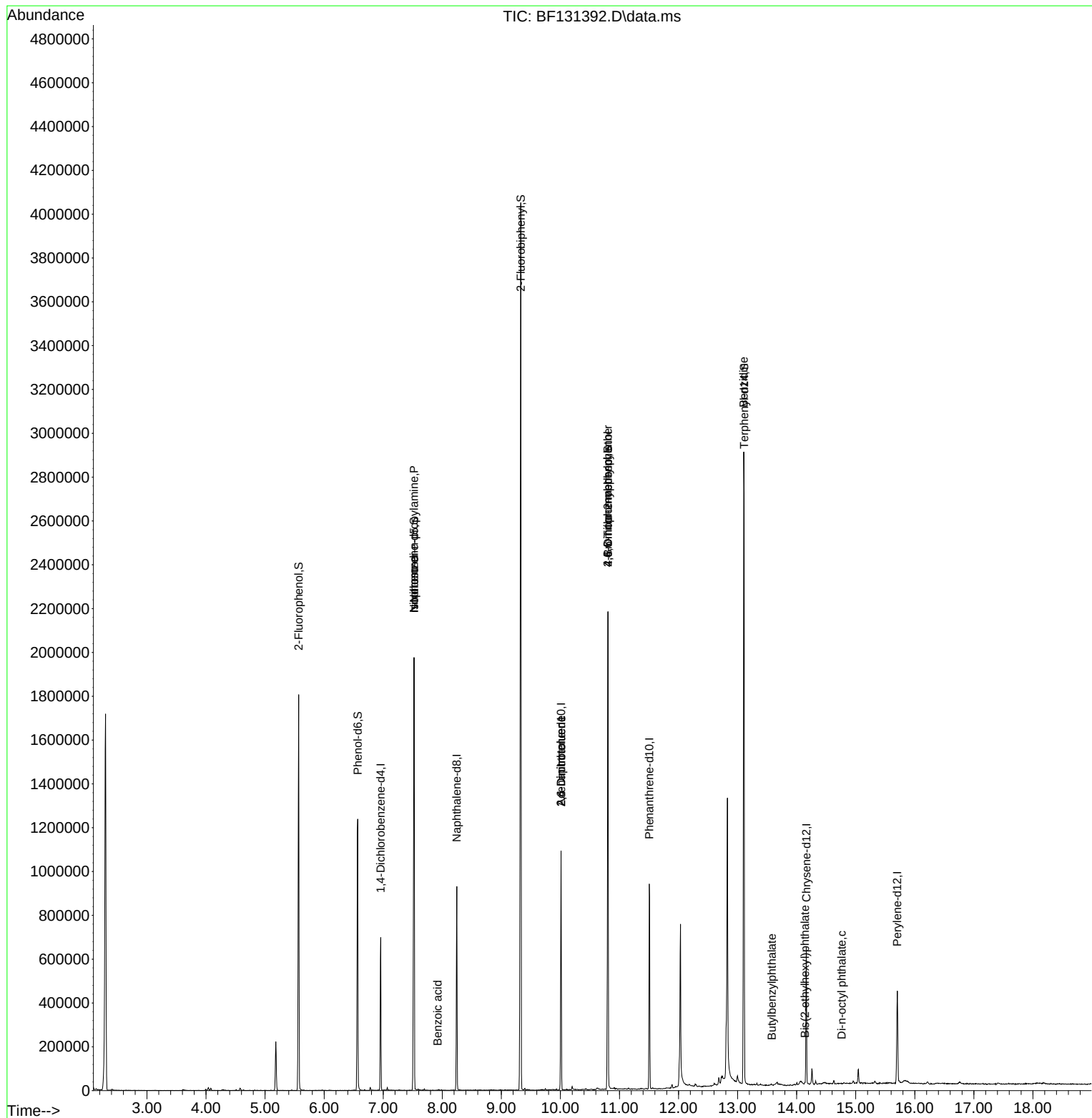
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	99773	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	365239	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	204590	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	353218	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	204026	20.000	ng	-0.01
86) Perylene-d12	15.704	264	202220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	419291	79.982	ng	0.00
7) Phenol-d6	6.569	99	394797	59.025	ng	-0.01
23) Nitrobenzene-d5	7.522	82	680936	93.980	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	236705	137.521	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1238042	88.036	ng	0.00
79) Terphenyl-d14	13.110	244	1132285	90.752	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.569	77	756	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.522	70	95125	19.427	ng	# 75
25) Isophorone	7.522	82	679653	52.577	ng	# 68
32) Benzoic acid	7.922	122	132	5.176	ng	# 50
51) 2,6-Dinitrotoluene	10.010	165	26201	9.191	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	26201	7.305	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.804	198	548	4.979	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	16209	3.744	ng	# 1
77) Benzidine	13.104	184	15335	4.069	ng	# 94
80) Butylbenzylphthalate	13.580	149	402	4.204	ng	# 61
84) Bis(2-ethylhexyl)phtha...	14.139	149	2568	4.043	ng	# 98
85) Di-n-octyl phthalate	14.763	149	556	3.957	ng	# 1

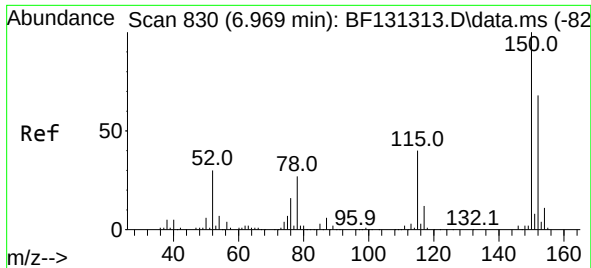
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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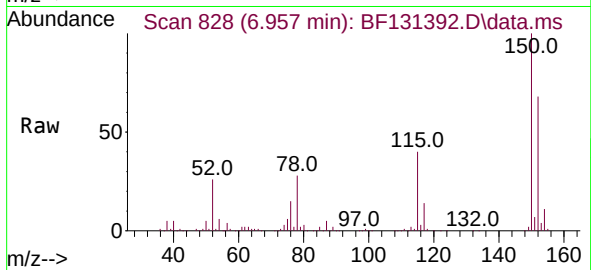
Quant Time: Nov 25 23:16:38 2022
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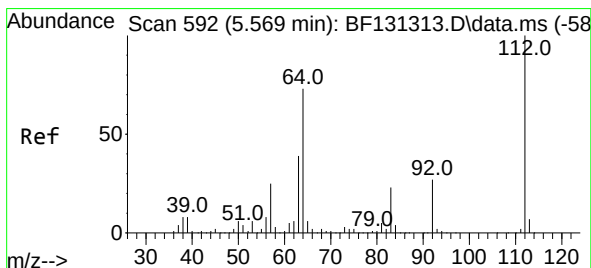
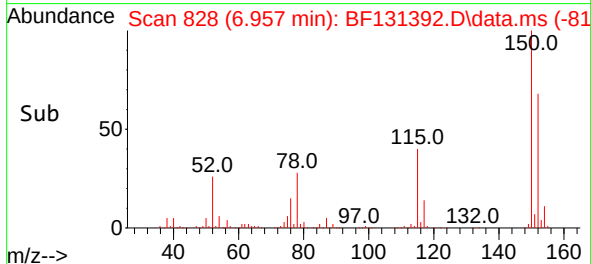
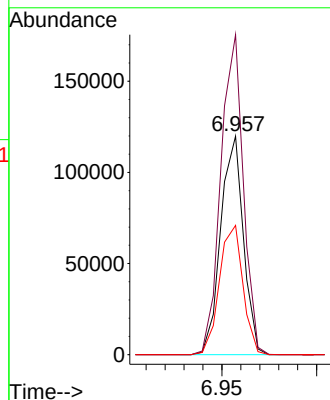


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131392.D
 Acq: 25 Nov 2022 12:54

Instrument :
 BNA_F
 ClientSampleId :

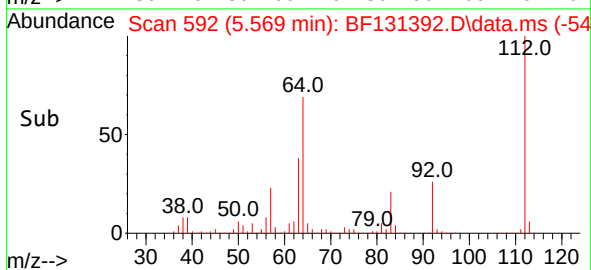
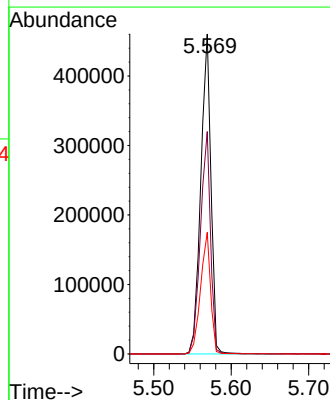
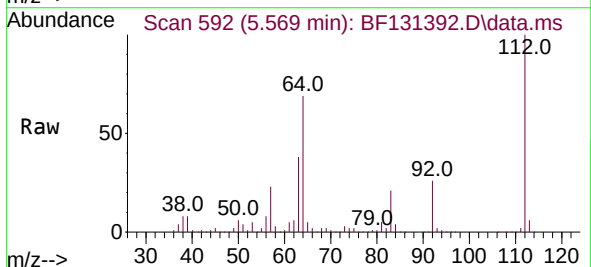


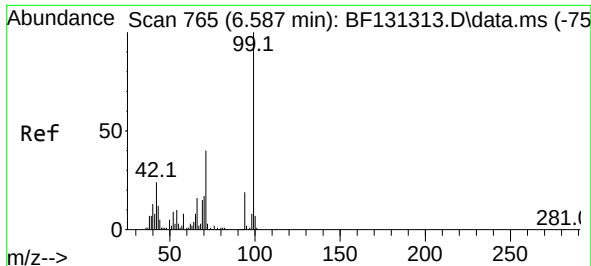
Tgt Ion:152 Resp: 99773
 Ion Ratio Lower Upper
 152 100
 150 146.4 117.8 176.8
 115 59.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 79.982 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.006 min
 Lab File: BF131392.D
 Acq: 25 Nov 2022 12:54

Tgt Ion:112 Resp: 419291
 Ion Ratio Lower Upper
 112 100
 64 69.5 58.6 88.0
 63 38.0 31.4 47.0

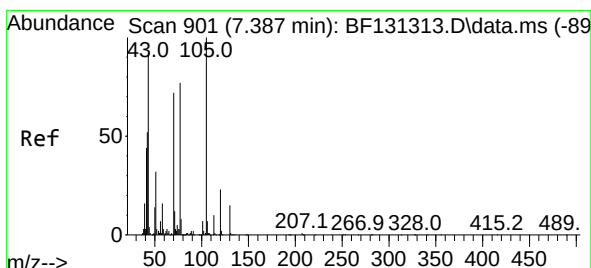
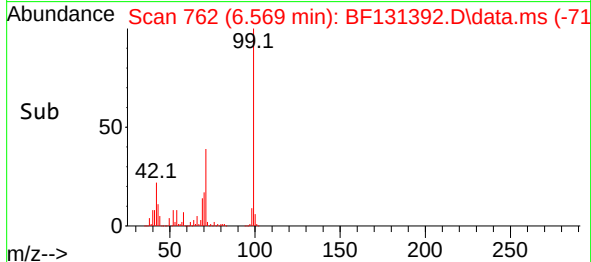
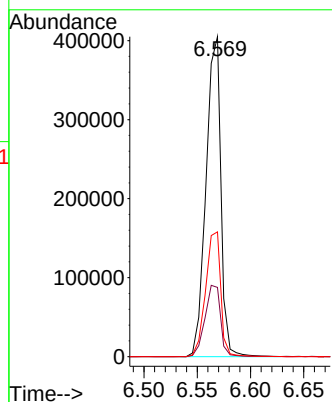
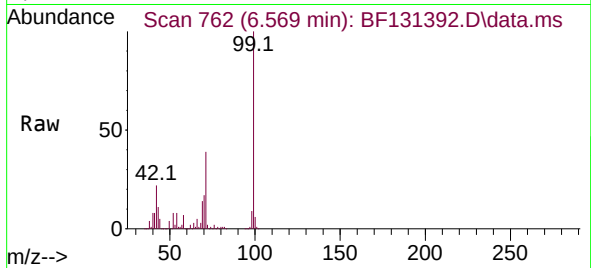




#7
Phenol-d6
Concen: 59.025 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

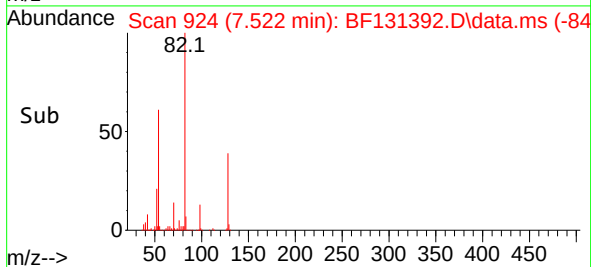
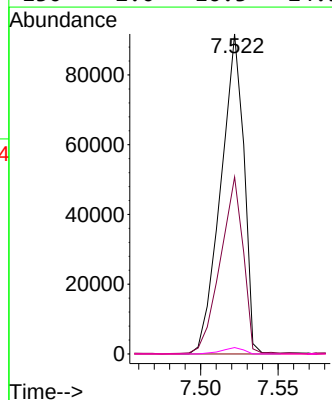
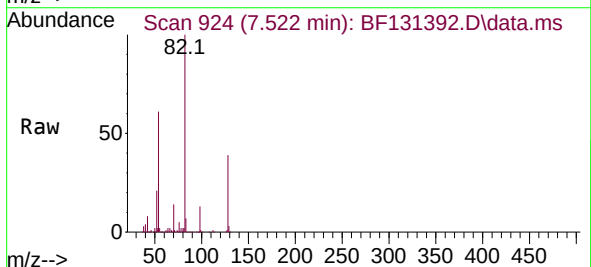
Instrument :
BNA_F
ClientSampleId :

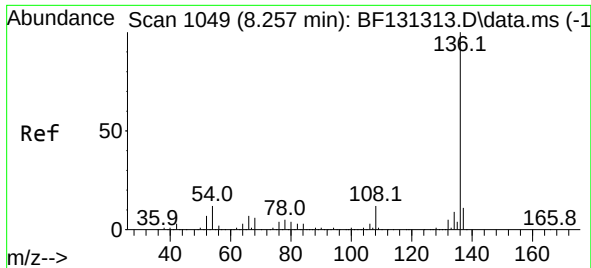
Tgt Ion: 99 Resp: 394797
Ion Ratio Lower Upper
99 100
42 21.7 19.4 29.2
71 39.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.427 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

Tgt Ion: 70 Resp: 95125
Ion Ratio Lower Upper
70 100
42 55.3 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#



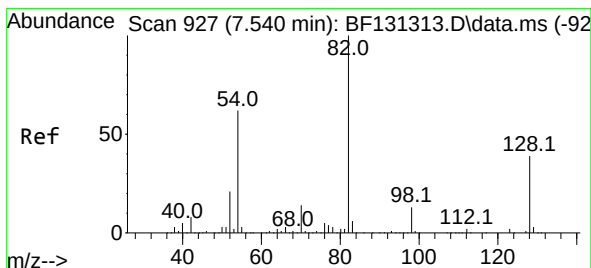
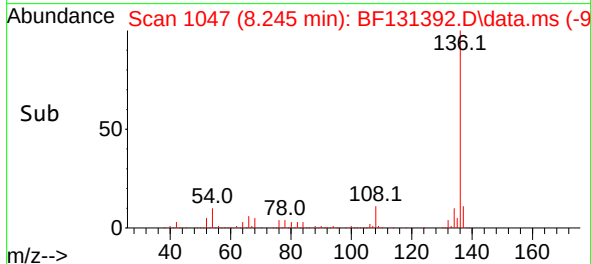
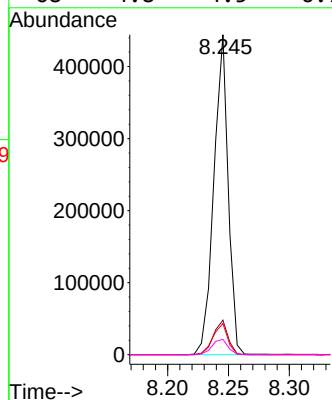
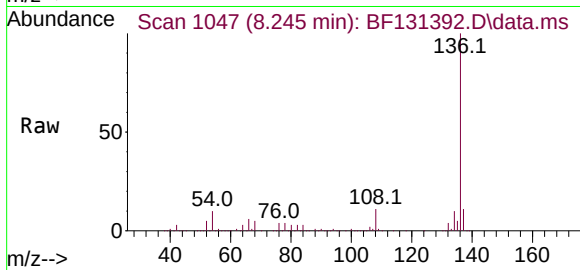


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 365239

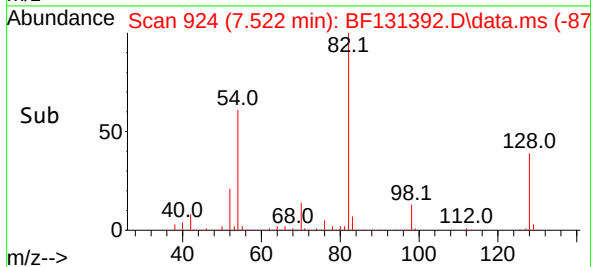
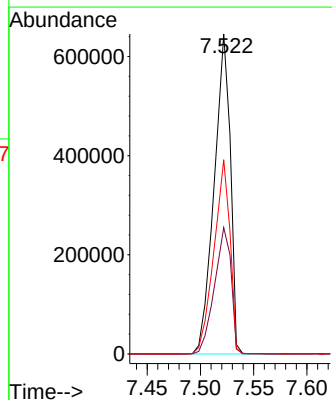
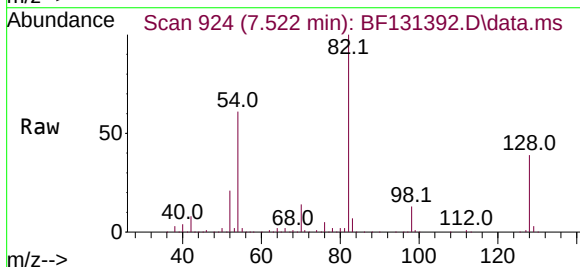
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.7	9.4	14.0
68	4.8	4.5	6.7

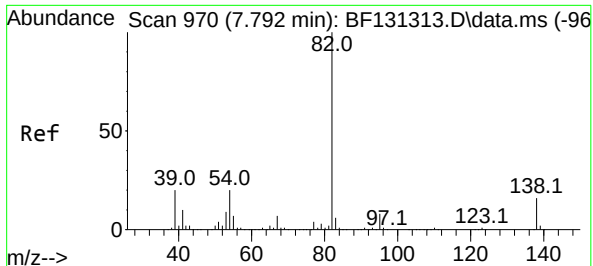


#23
Nitrobenzene-d5
Concen: 93.980 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

Tgt Ion: 82 Resp: 680936

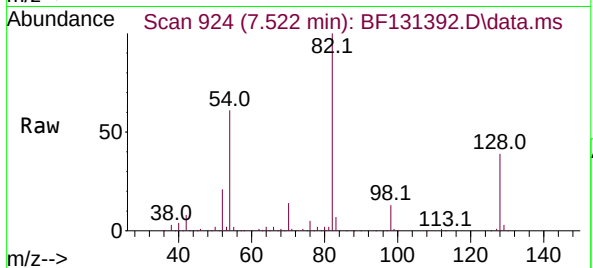
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.4	47.0
54	60.7	49.8	74.6



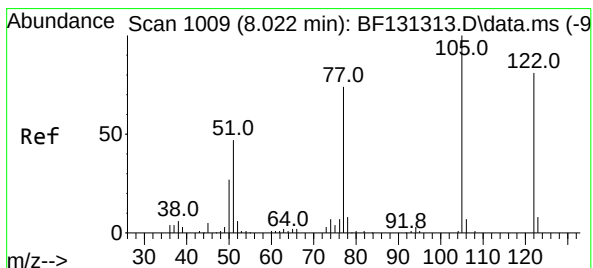
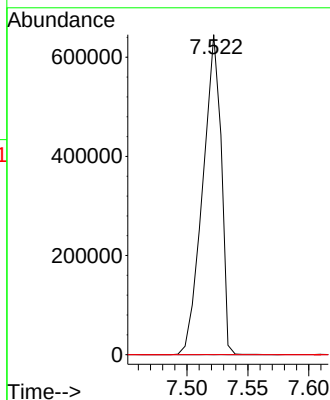
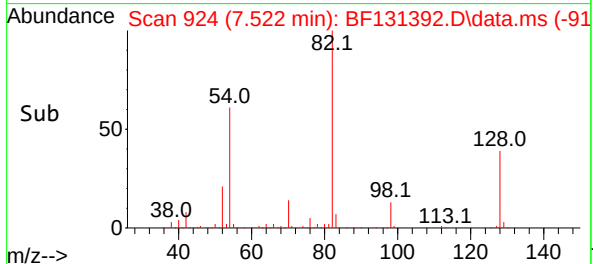


#25
Isophorone
Concen: 52.577 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

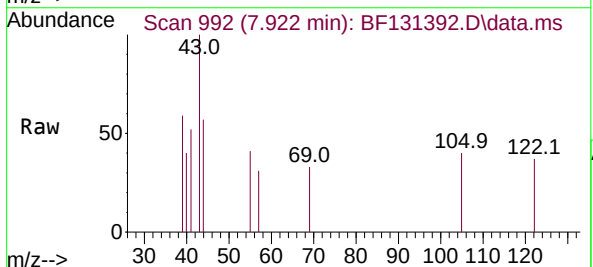
Instrument :
BNA_F
ClientSampleId :



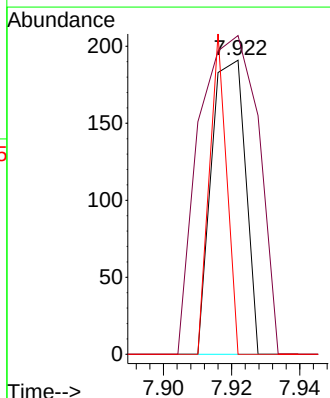
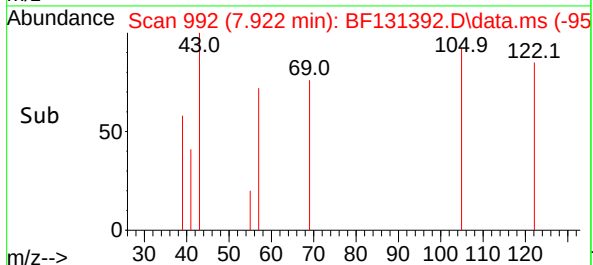
Tgt Ion: 82 Resp: 679653
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#

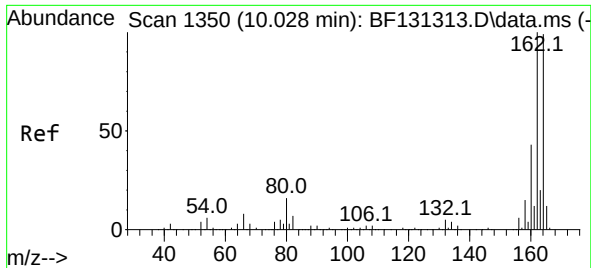


#32
Benzoic acid
Concen: 5.176 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.088 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54



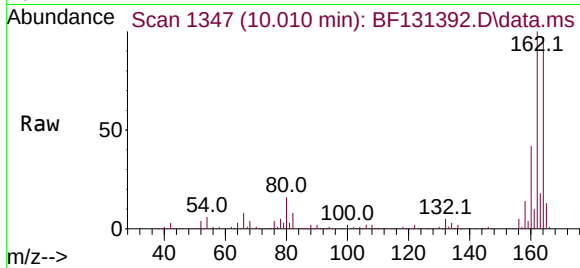
Tgt Ion: 122 Resp: 132
Ion Ratio Lower Upper
122 100
105 108.4 103.8 143.8
77 0.0 74.3 114.3#



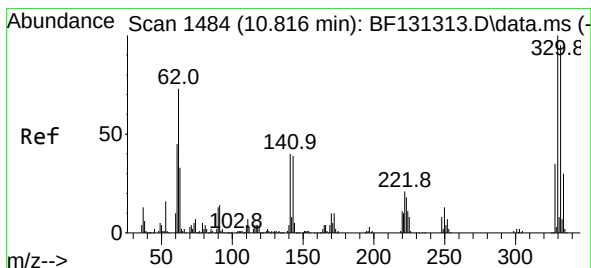
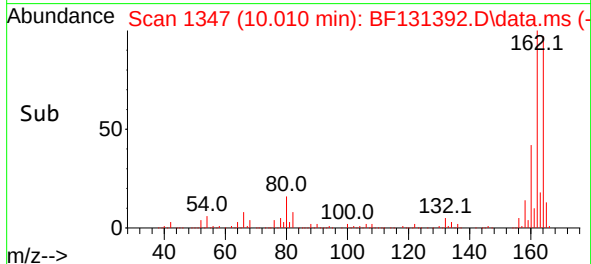
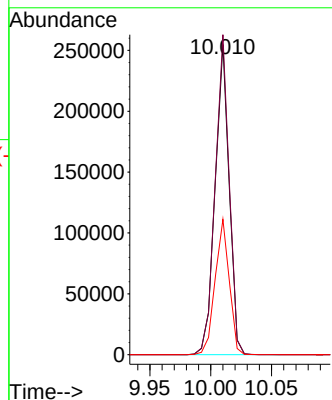


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

Instrument :
BNA_F
ClientSampleId :

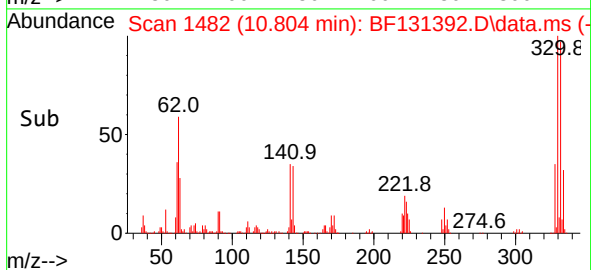
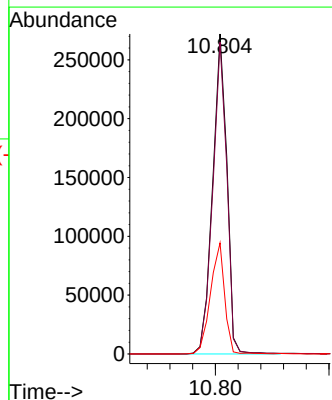
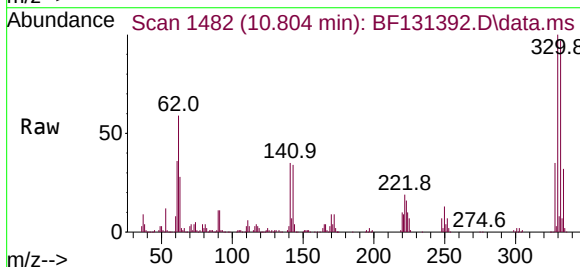


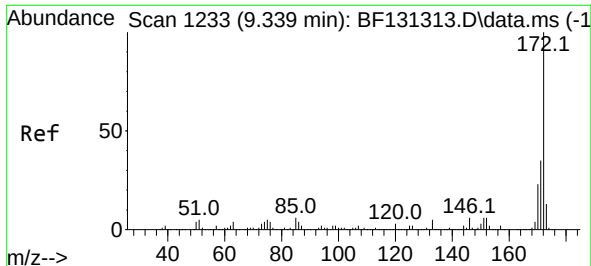
Tgt Ion:164 Resp: 204590
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 43.6 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 137.521 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

Tgt Ion:330 Resp: 236705
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 34.5 29.3 43.9

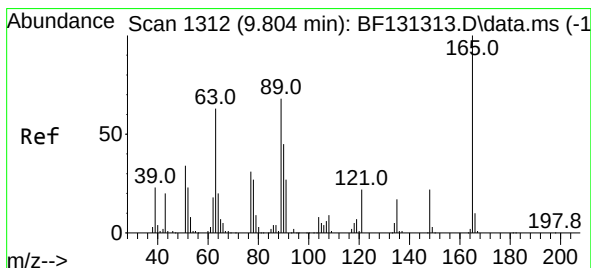
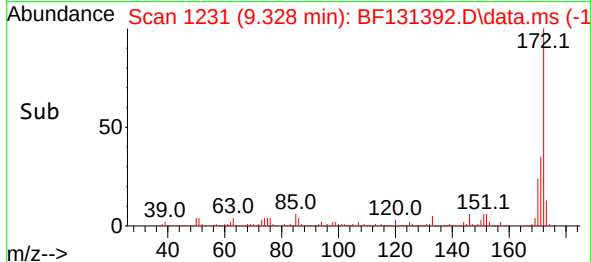
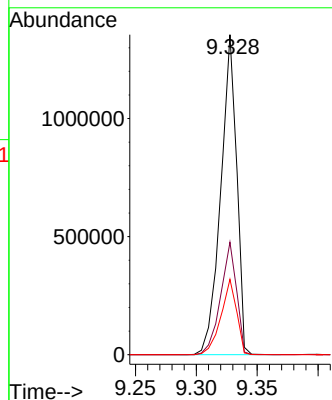
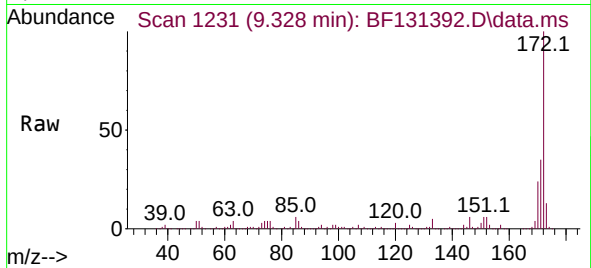




#45
2-Fluorobiphenyl
Concen: 88.036 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

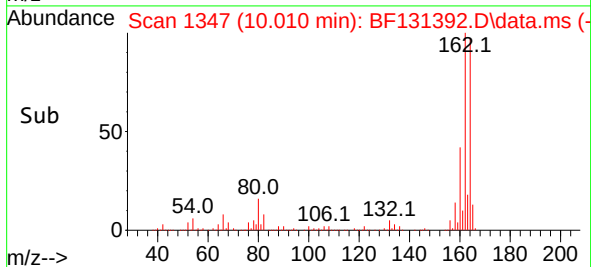
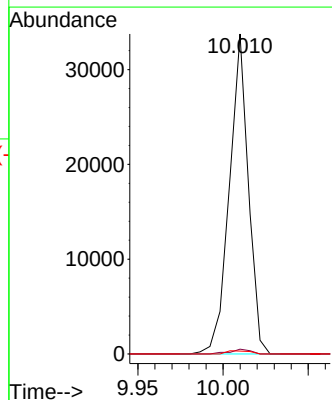
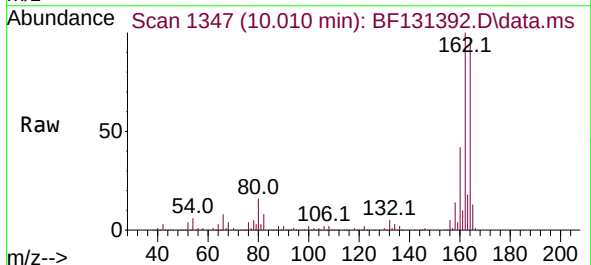
Instrument :
BNA_F
ClientSampleId :

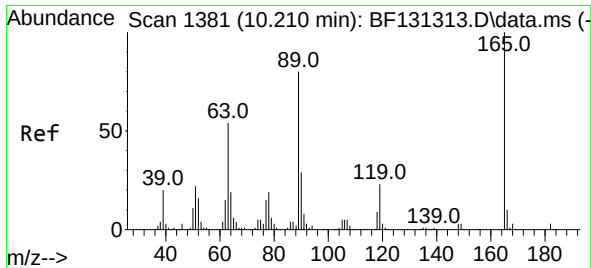
Tgt Ion:172 Resp: 1238042
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.6 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.191 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.212 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

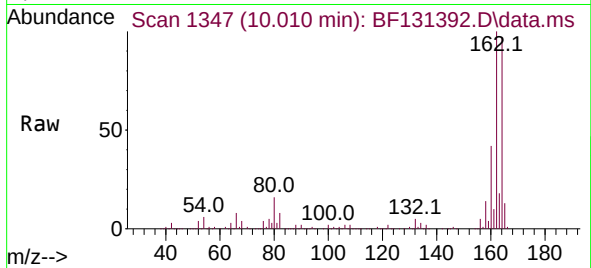
Tgt Ion:165 Resp: 26201
Ion Ratio Lower Upper
165 100
63 1.5 62.0 93.0#
89 0.9 54.4 81.6#



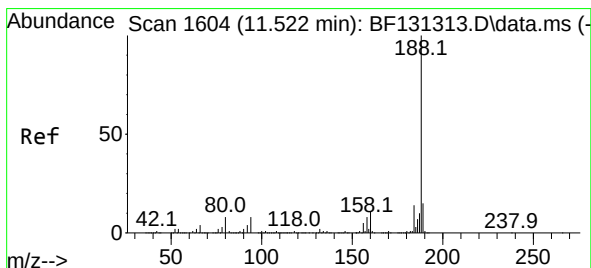
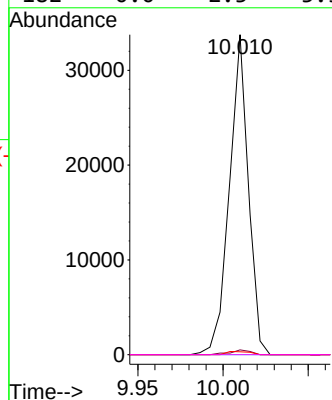
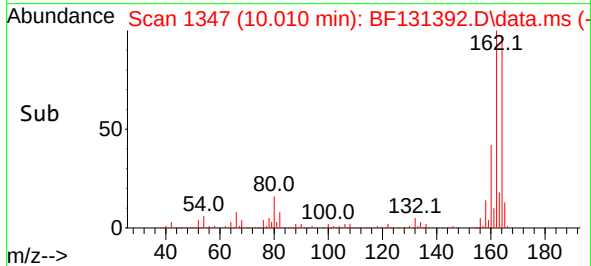


#57
2,4-Dinitrotoluene
Concen: 7.305 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

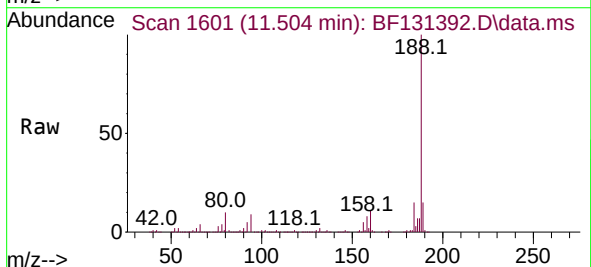
Instrument :
BNA_F
ClientSampleId :



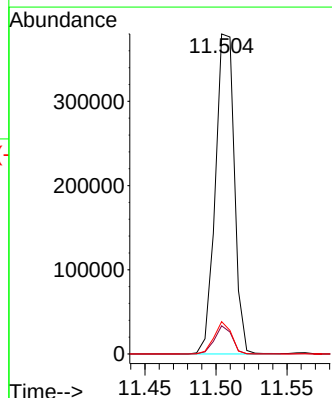
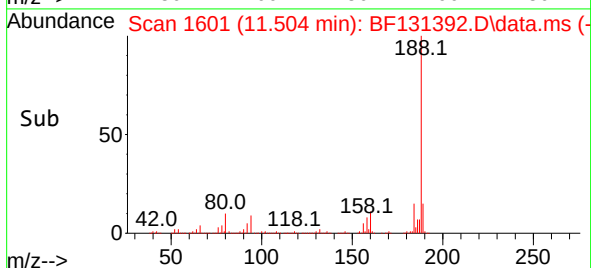
Tgt Ion:165 Resp: 26201
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.2#
89 0.9 64.0 96.0#
182 0.0 2.3 3.5#

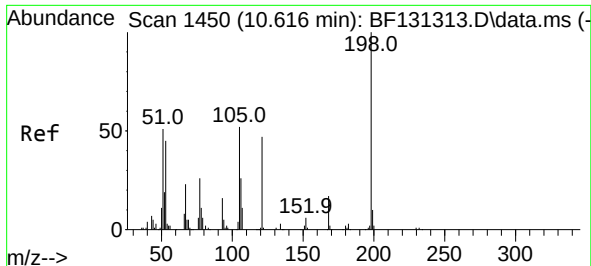


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54



Tgt Ion:188 Resp: 353218
Ion Ratio Lower Upper
188 100
94 8.8 6.3 9.5
80 10.1 6.8 10.2

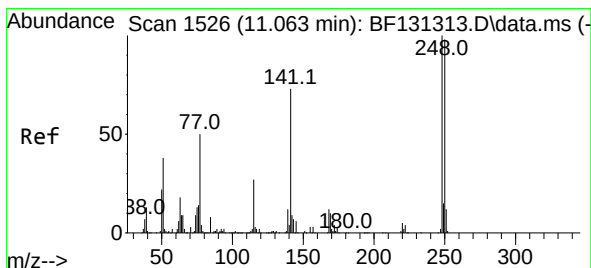
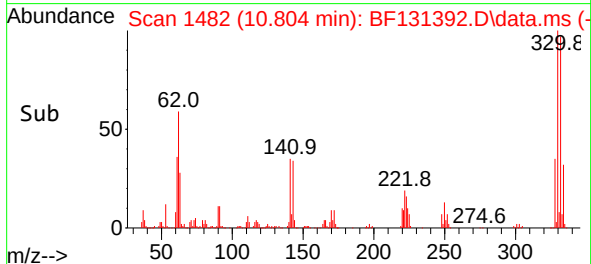
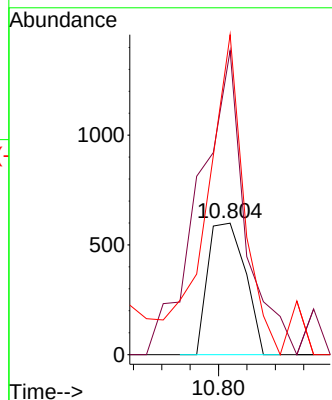
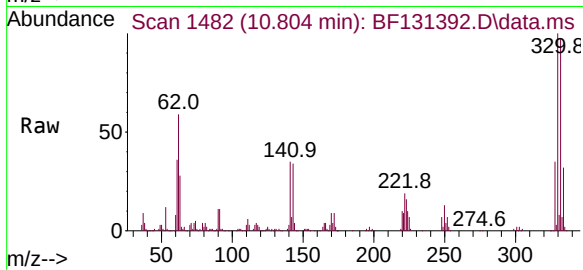




#65
4,6-Dinitro-2-methylphenol
Concen: 4.979 ng
RT: 10.804 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

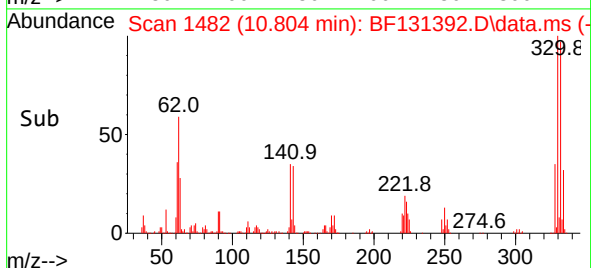
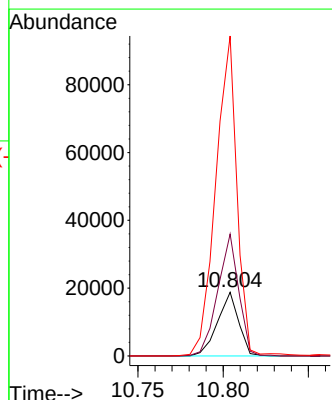
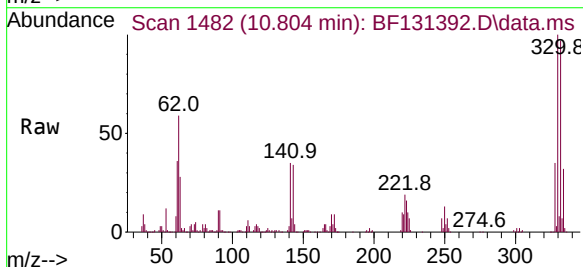
Instrument :
BNA_F
ClientSampleId :

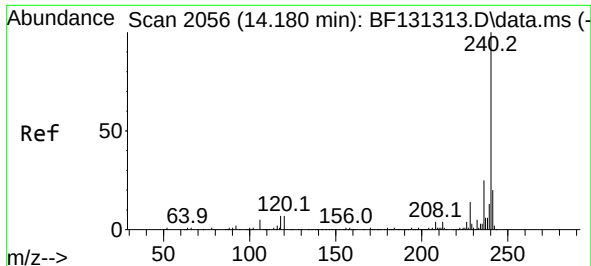
Tgt Ion:198 Resp: 548
Ion Ratio Lower Upper
198 100
51 231.4 50.1 90.1#
105 243.4 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.744 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

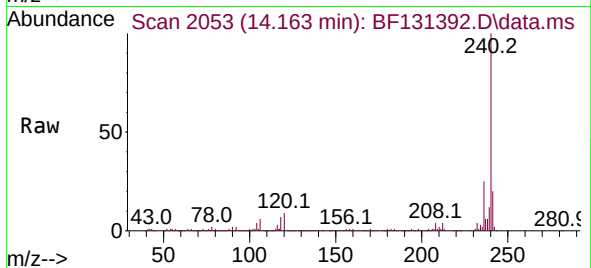
Tgt Ion:248 Resp: 16209
Ion Ratio Lower Upper
248 100
250 191.3 78.3 117.5#
141 501.9 58.0 87.0#



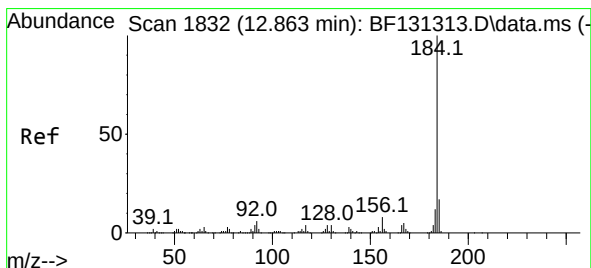
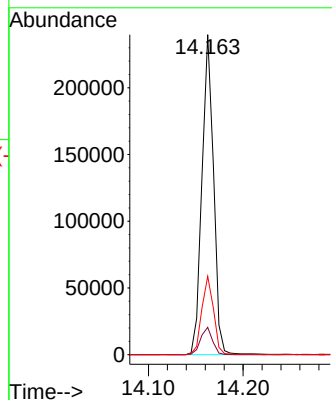
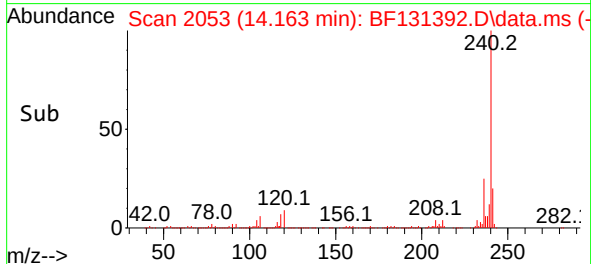


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54

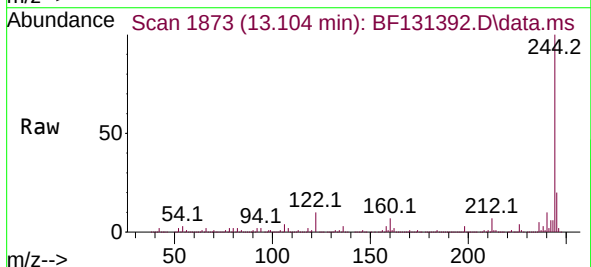
Instrument :
BNA_F
ClientSampleId :



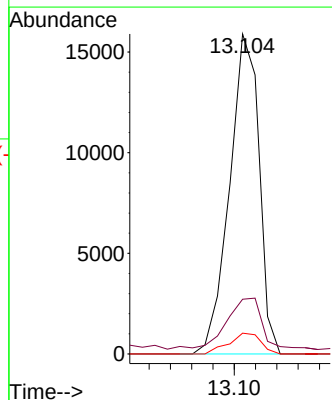
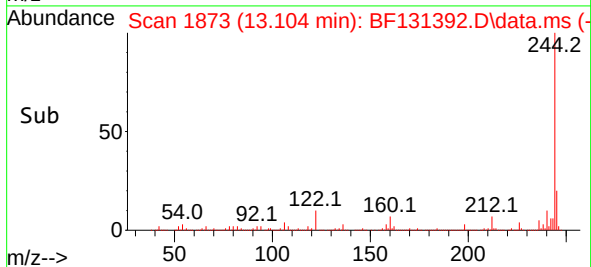
Tgt Ion:240 Resp: 204026
Ion Ratio Lower Upper
240 100
120 8.6 5.8 8.8
236 24.5 20.3 30.5

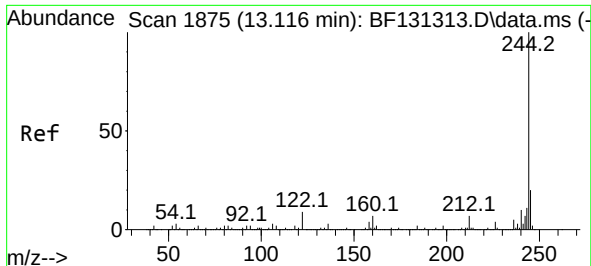


#77
Benzidine
Concen: 4.069 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131392.D
Acq: 25 Nov 2022 12:54



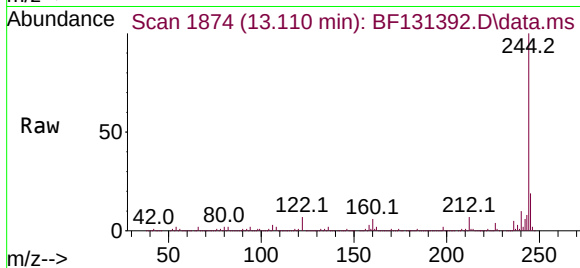
Tgt Ion:184 Resp: 15335
Ion Ratio Lower Upper
184 100
185 17.1 13.8 20.8
183 6.5 9.6 14.4#



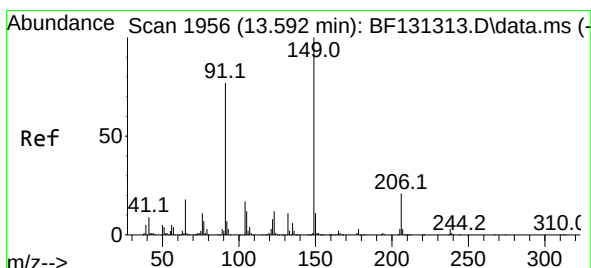
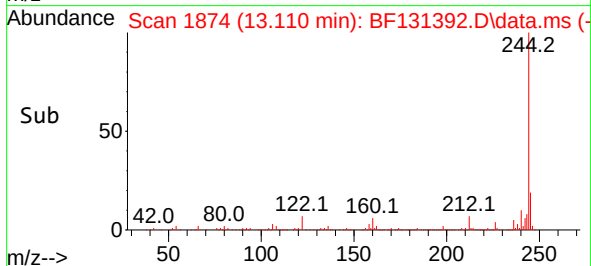
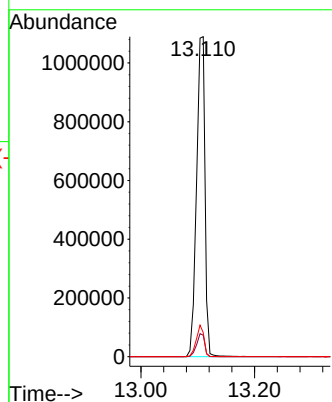


#79
 Terphenyl-d14
 Concen: 90.752 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: BF131392.D
 Acq: 25 Nov 2022 12:54

Instrument :
 BNA_F
 ClientSampleId :

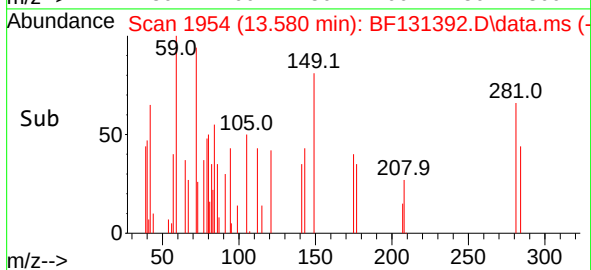
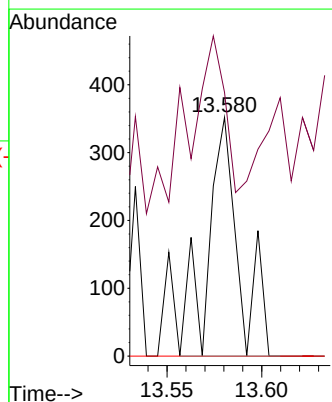
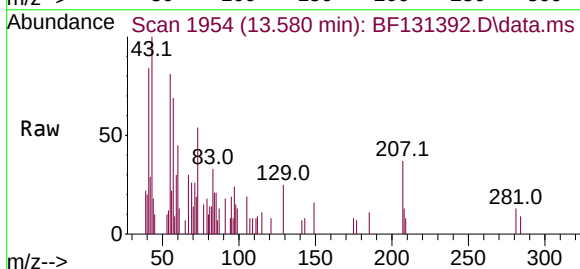


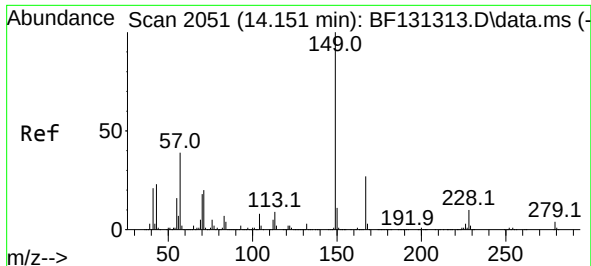
Tgt Ion:244 Resp: 1132285
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 7.5 7.5 11.3#



#80
 Butylbenzylphthalate
 Concen: 4.204 ng
 RT: 13.580 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: BF131392.D
 Acq: 25 Nov 2022 12:54

Tgt Ion:149 Resp: 402
 Ion Ratio Lower Upper
 149 100
 91 110.5 61.9 92.9#
 206 0.0 16.5 24.7#

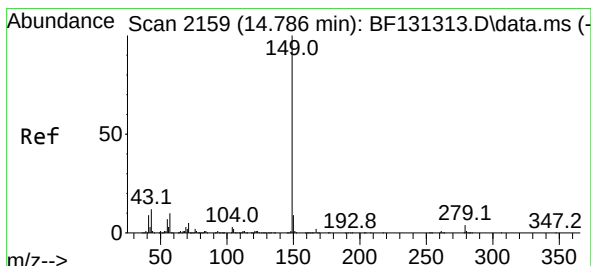
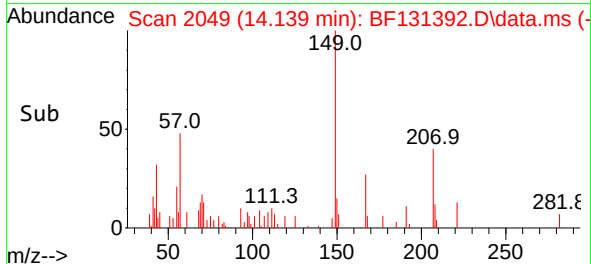
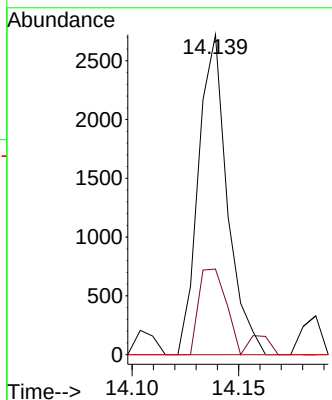
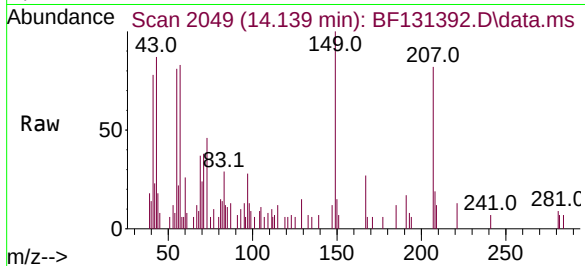




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.043 ng
 RT: 14.139 min Scan# 2051
 Delta R.T. -0.006 min
 Lab File: BF131392.D
 Acq: 25 Nov 2022 12:54

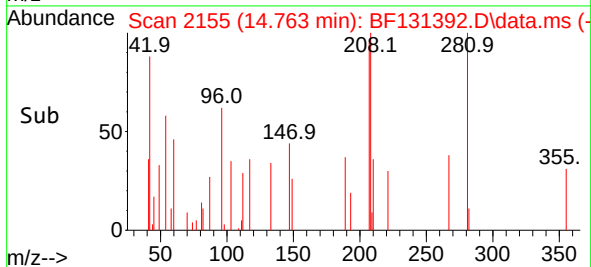
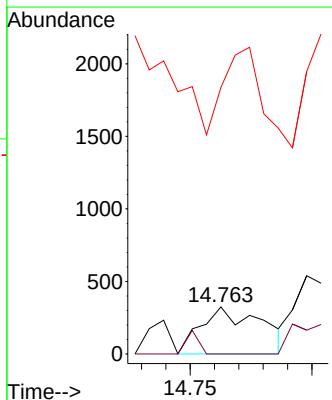
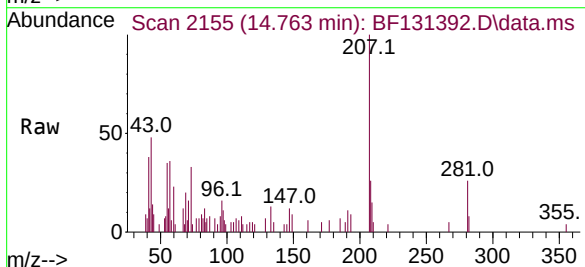
Instrument :
 BNA_F
 ClientSampleId :

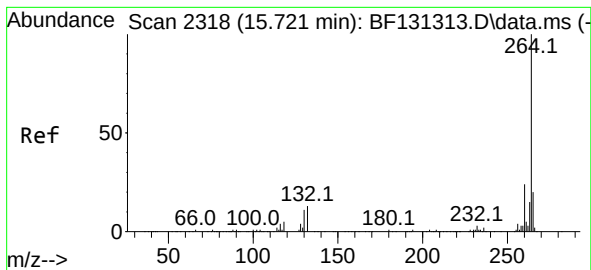
Tgt Ion:149 Resp: 2568
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.957 ng
 RT: 14.763 min Scan# 2155
 Delta R.T. -0.012 min
 Lab File: BF131392.D
 Acq: 25 Nov 2022 12:54

Tgt Ion:149 Resp: 556
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 134.7 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.704 min Scan# 21

Delta R.T. -0.006 min

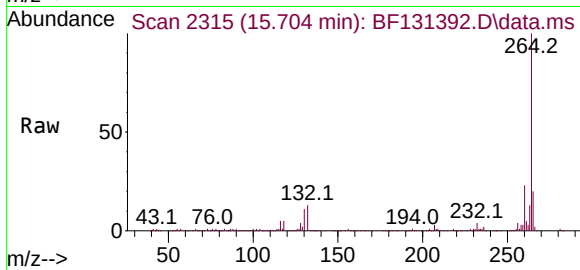
Lab File: BF131392.D

Acq: 25 Nov 2022 12:54

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 202220

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 20.3 16.4 24.6

