

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132923.D
 Acq On : 19 Apr 2023 21:12
 Operator : CG\JU
 Sample : 02366-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230348-COMP-26

Quant Time: Apr 20 01:50:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

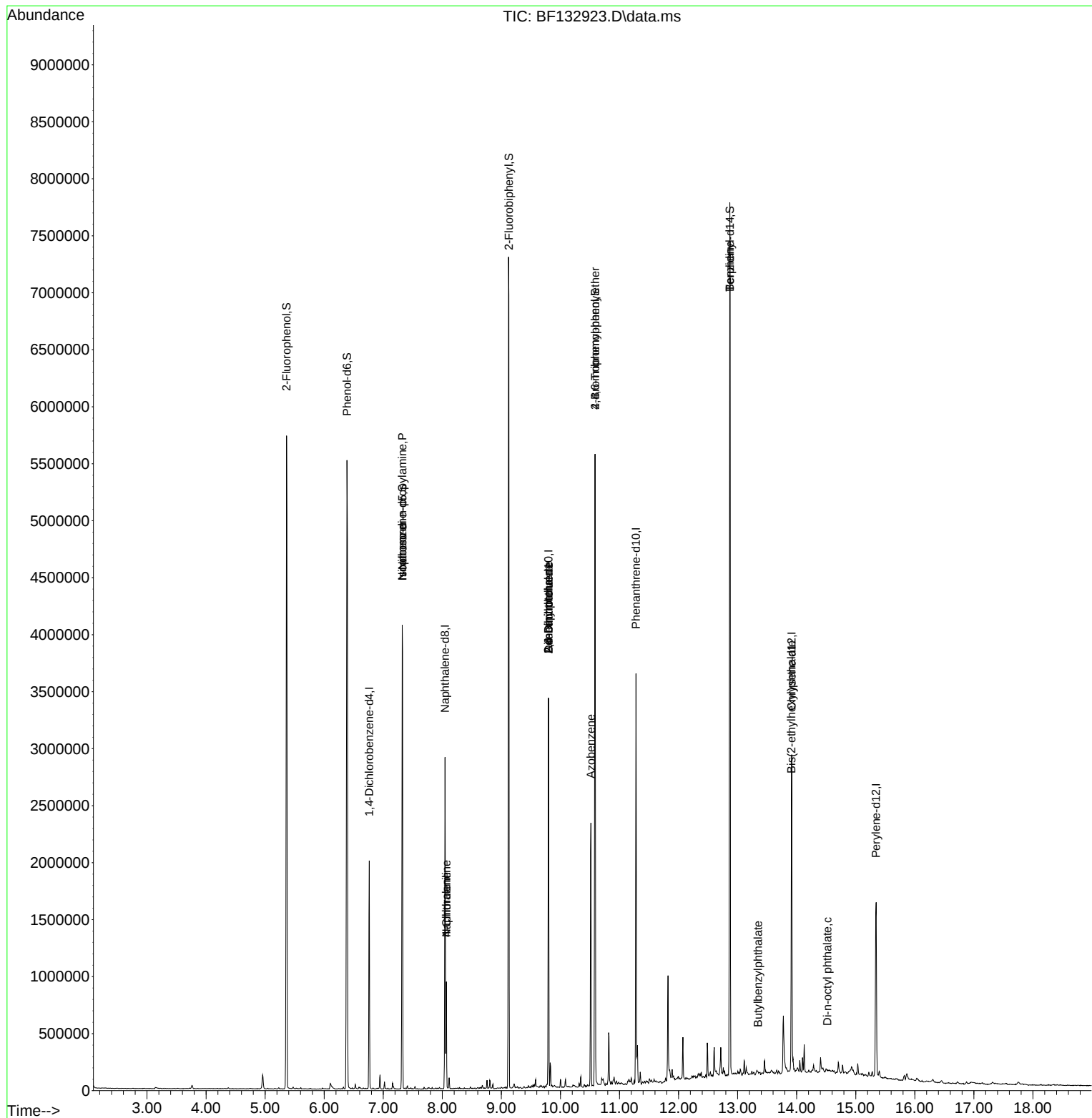
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	254728	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1057717	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	582735	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1133991	20.000	ng	0.00
76) Chrysene-d12	13.915	240	784998	20.000	ng	-0.01
86) Perylene-d12	15.345	264	648415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1644202	100.931	ng	0.00
7) Phenol-d6	6.387	99	2131820	102.555	ng	-0.01
23) Nitrobenzene-d5	7.322	82	1298419	63.987	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	672980	115.140	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2196669	57.909	ng	0.00
79) Terphenyl-d14	12.868	244	2834826	61.611	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.322	70	171675	13.231	ng	# 81
25) Isophorone	7.322	82	1296371	33.680	ng	# 65
31) Naphthalene	8.069	128	373038	6.979	ng	97
33) 4-Chloroaniline	8.069	127	48052	2.195	ng	# 34
50) Dimethylphthalate	9.798	163	117376	2.913	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	76380	8.647	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	76380	7.006	ng	# 24
63) Azobenzene	10.516	77	389534	9.263	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	41283	3.188	ng	# 1
77) Benzidine	12.868	184	33044	2.702	ng	# 91
80) Butylbenzylphthalate	13.345	149	2439	5.275	ng	93
84) Bis(2-ethylhexyl)phtha...	13.910	149	72194	3.556	ng	97
85) Di-n-octyl phthalate	14.521	149	9310	6.566	ng	# 67

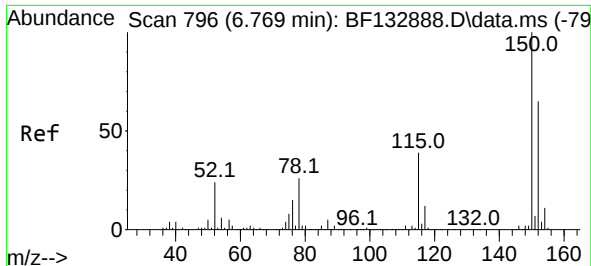
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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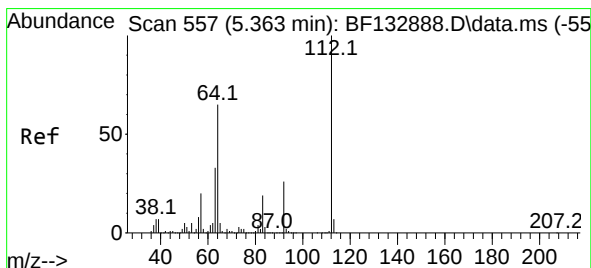
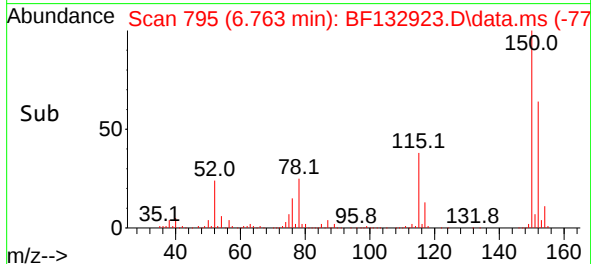
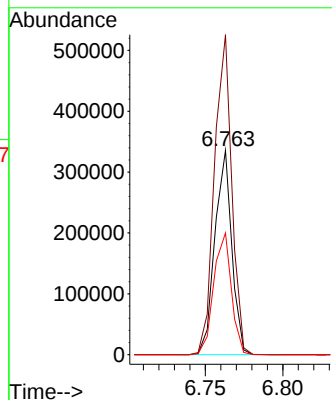
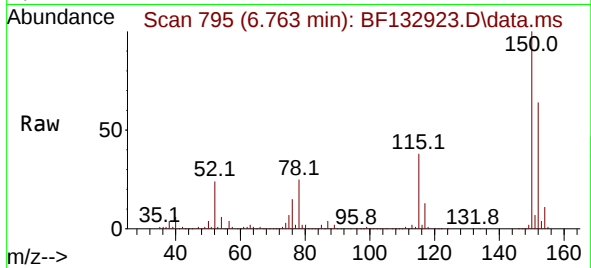




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

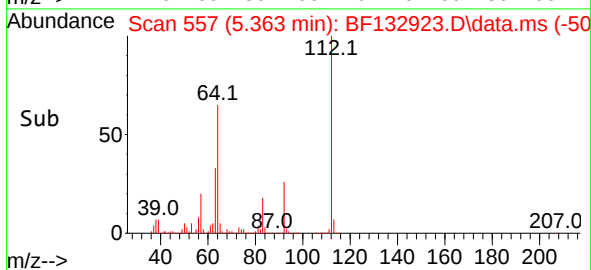
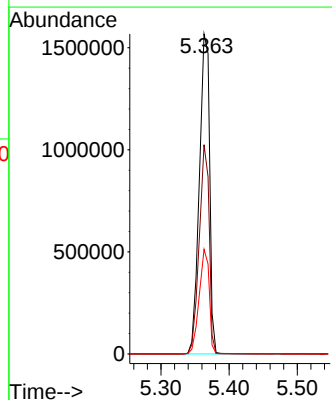
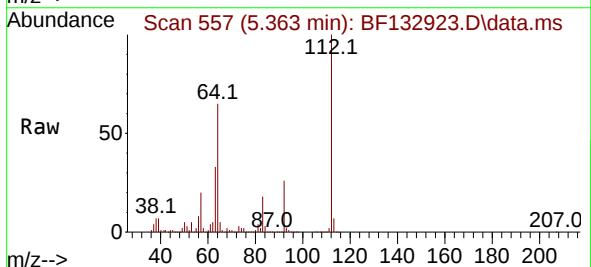
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BNA_F
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20230348-COMP-26

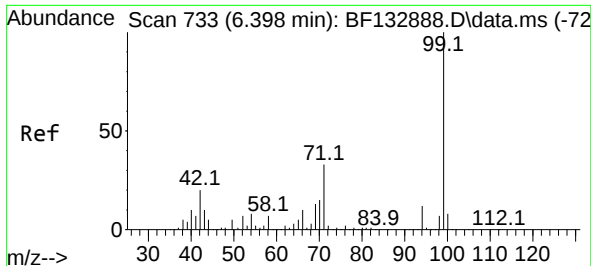
Tgt Ion:152 Resp: 254728
Ion Ratio Lower Upper
152 100
150 156.7 122.8 184.2
115 59.6 47.3 70.9



#5
2-Fluorophenol
Concen: 100.931 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion:112 Resp: 1644202
Ion Ratio Lower Upper
112 100
64 65.4 51.8 77.8
63 32.7 26.3 39.5

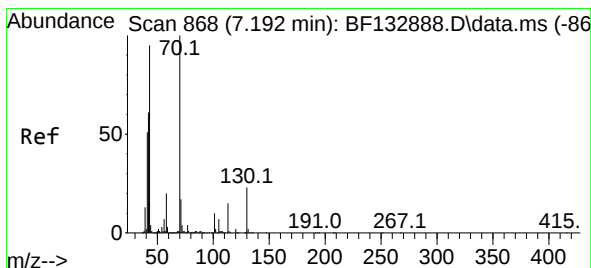
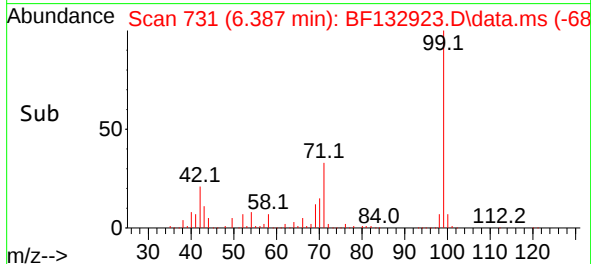
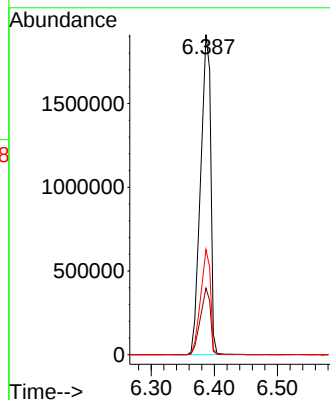
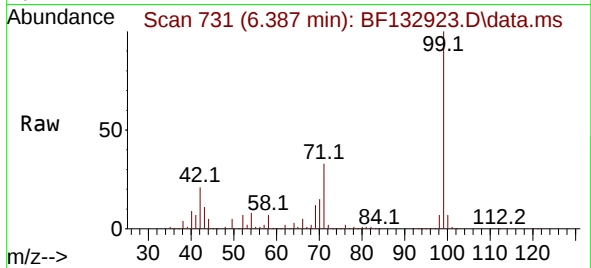




#7
Phenol-d6
Concen: 102.555 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

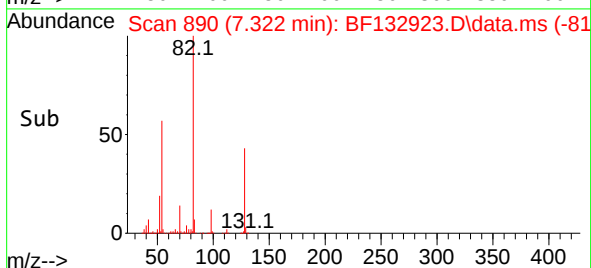
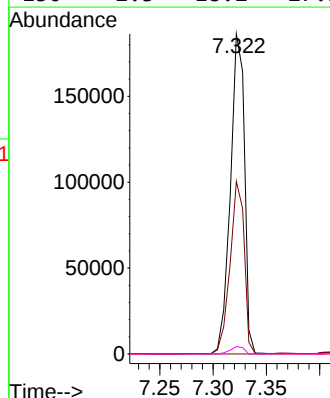
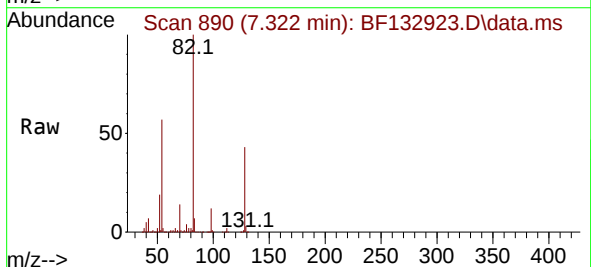
Instrument :
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ClientSampleId :
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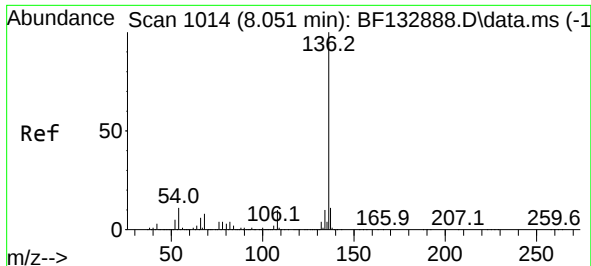
Tgt Ion: 99 Resp: 2131820
Ion Ratio Lower Upper
99 100
42 20.8 16.1 24.1
71 32.9 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.231 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.129 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion: 70 Resp: 171675
Ion Ratio Lower Upper
70 100
42 54.0 49.0 73.6
101 0.0 8.1 12.1#
130 2.3 18.2 27.2#



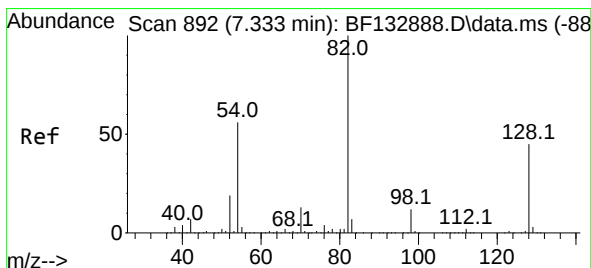
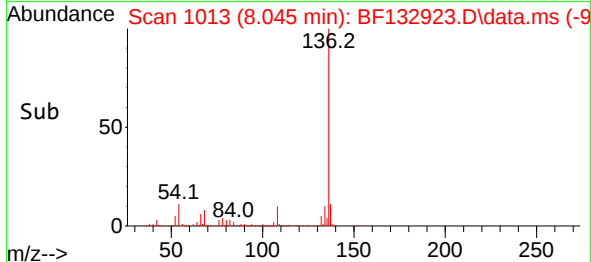
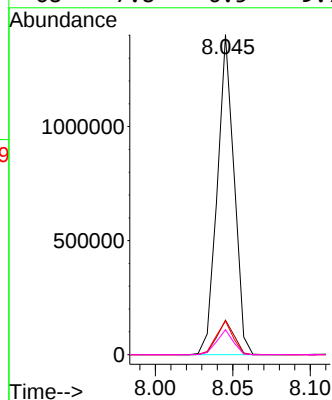
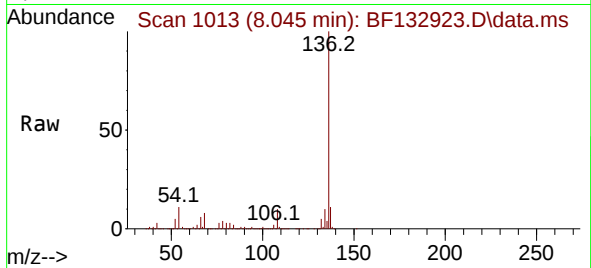


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Instrument :
BNA_F
ClientSampleId :
20230348-COMP-26

Tgt Ion:136 Resp: 1057717

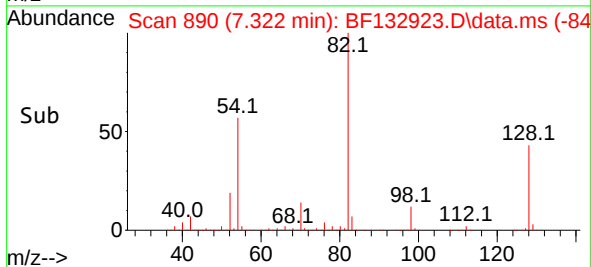
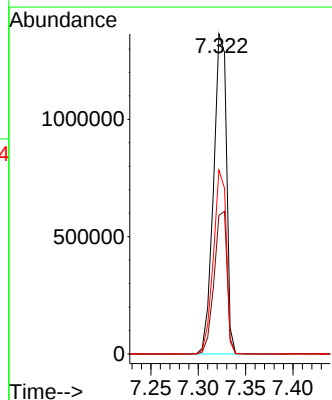
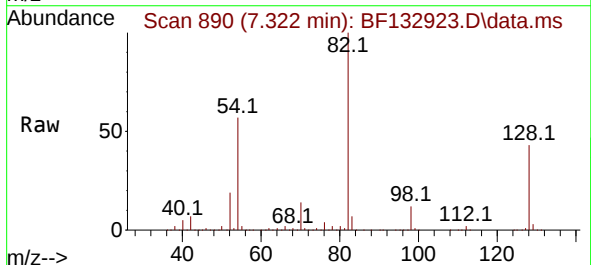
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	10.5	8.9	13.3
68	7.8	6.5	9.7

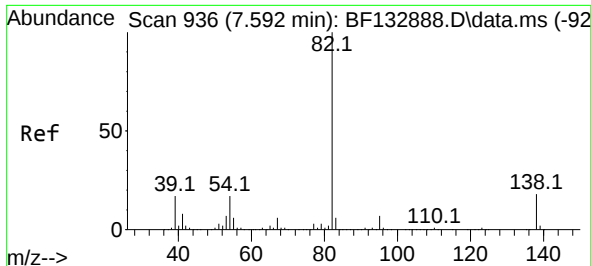


#23
Nitrobenzene-d5
Concen: 63.987 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion: 82 Resp: 1298419

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	57.5	44.7	67.1

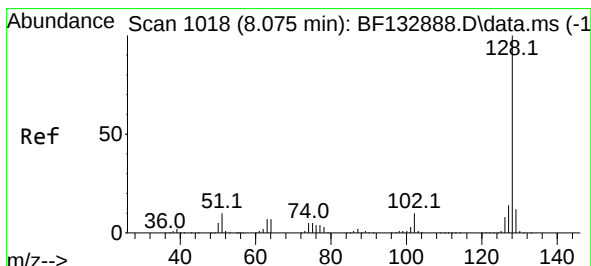
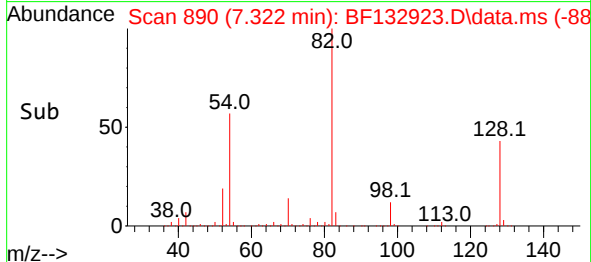
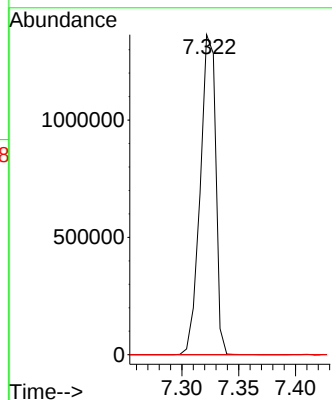
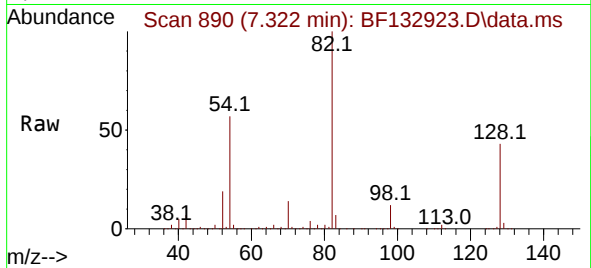




#25
Isophorone
Concen: 33.680 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.271 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

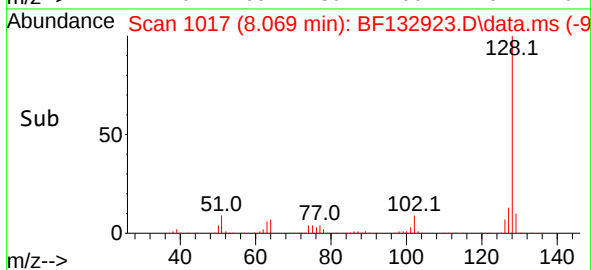
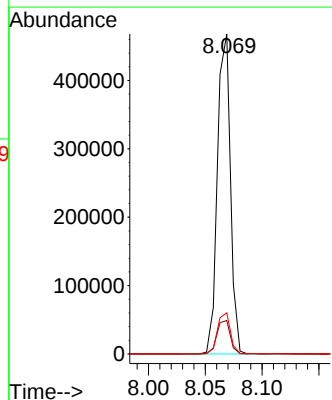
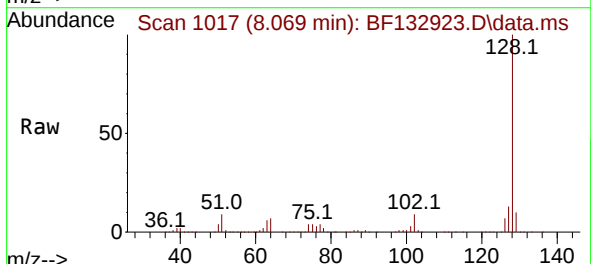
Instrument :
BNA_F
ClientSampleId :
20230348-COMP-26

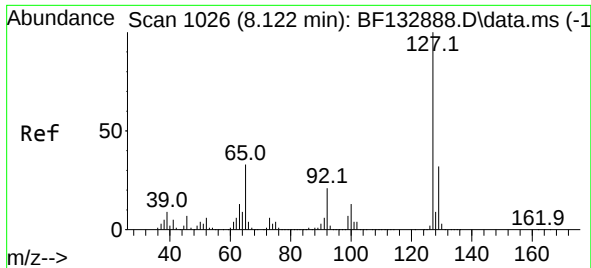
Tgt Ion: 82 Resp: 1296371
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#31
Naphthalene
Concen: 6.979 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion:128 Resp: 373038
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.0
127 12.8 11.0 16.6

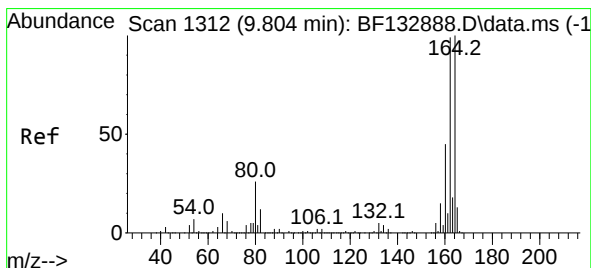
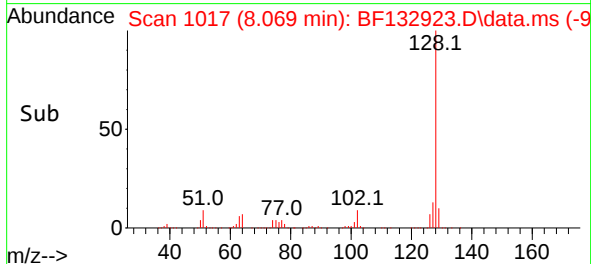
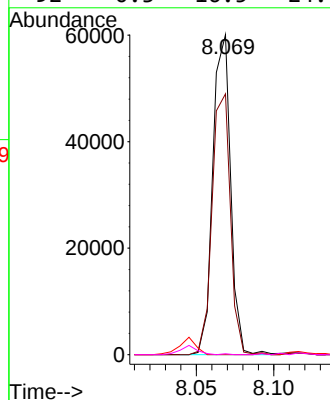
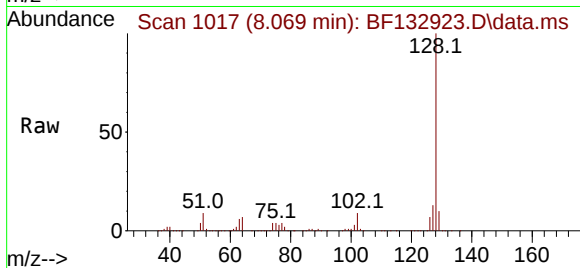




#33
4-Chloroaniline
Concen: 2.195 ng
RT: 8.069 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

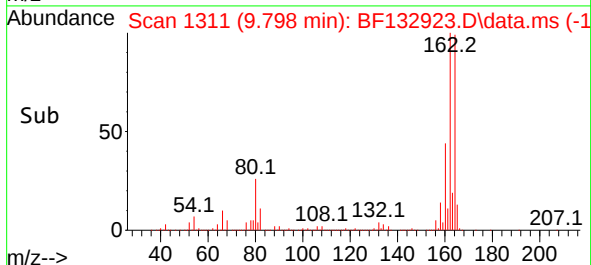
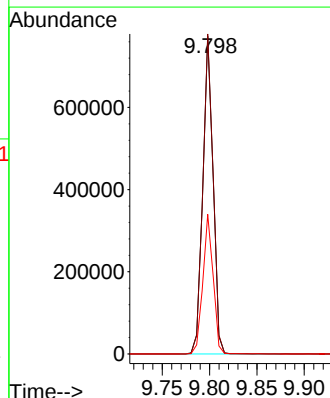
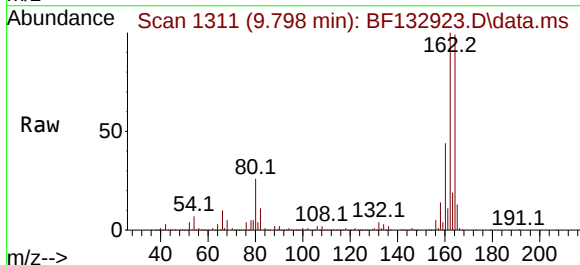
Instrument :
BNA_F
ClientSampleId :
20230348-COMP-26

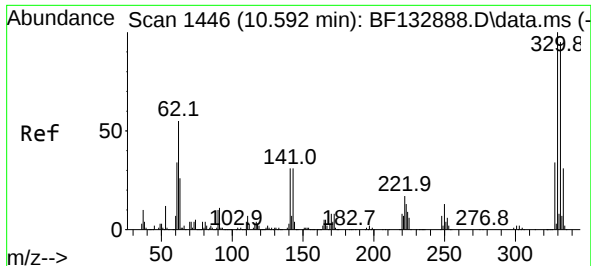
Tgt Ion:	127	Resp:	48052
Ion Ratio	Lower	Upper	
127	100		
129	81.5	25.9	38.9#
65	0.0	26.7	40.1#
92	0.3	16.5	24.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion:	164	Resp:	582735
Ion Ratio	Lower	Upper	
164	100		
162	100.7	79.1	118.7
160	44.0	35.6	53.4

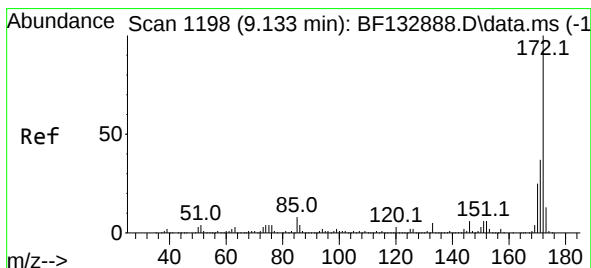
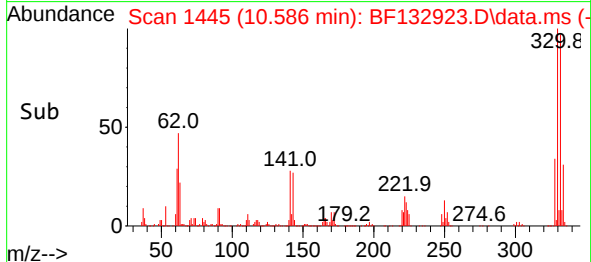
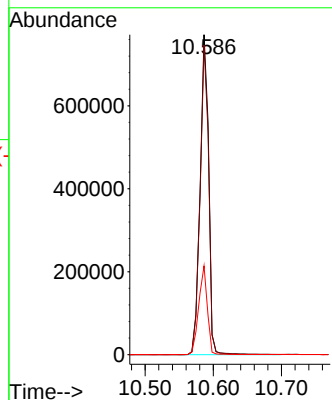
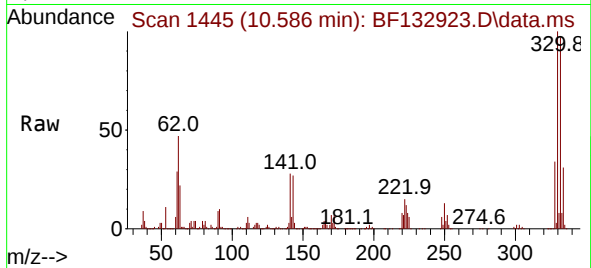




#42
2,4,6-Tribromophenol
Concen: 115.140 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

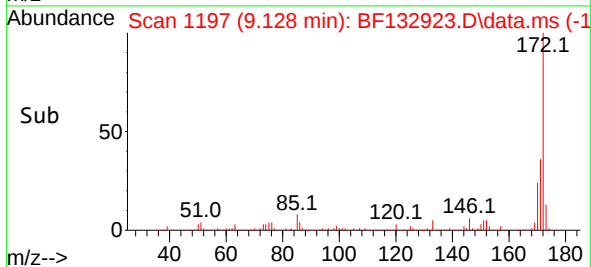
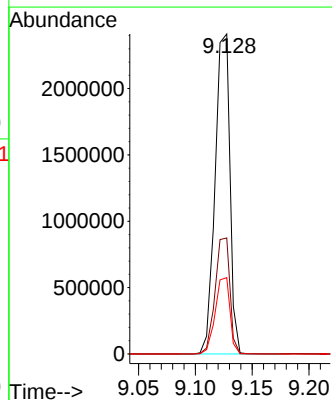
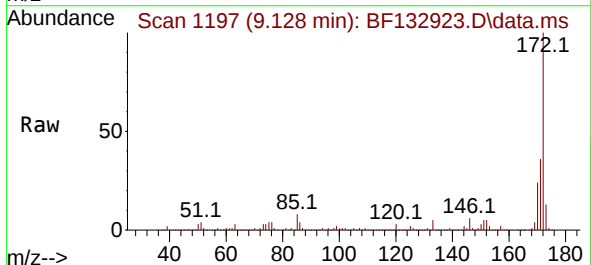
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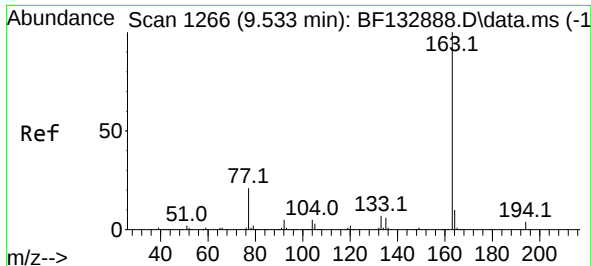
Tgt Ion:330 Resp: 672980
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 27.8 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 57.909 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion:172 Resp: 2196669
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.9 20.1 30.1

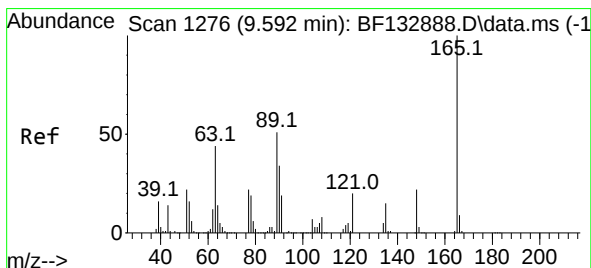
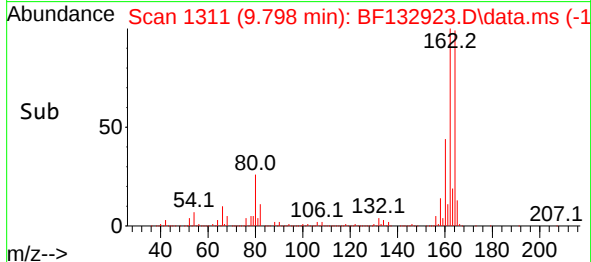
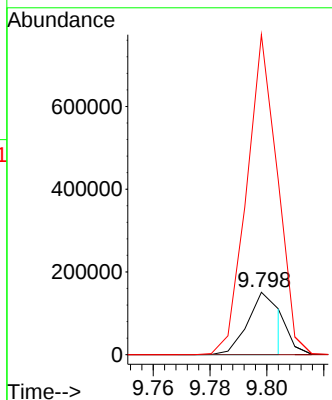
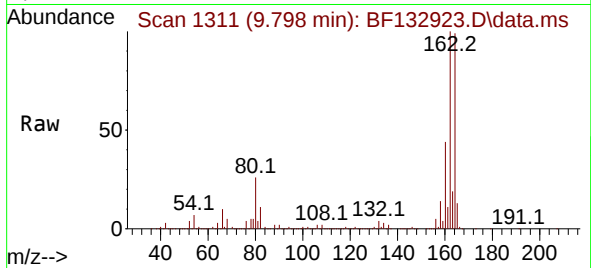




#50
Dimethylphthalate
Concen: 2.913 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

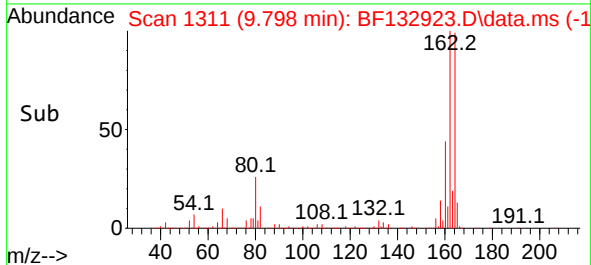
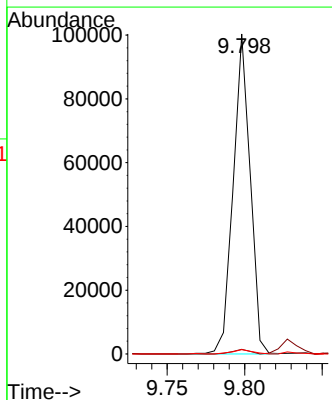
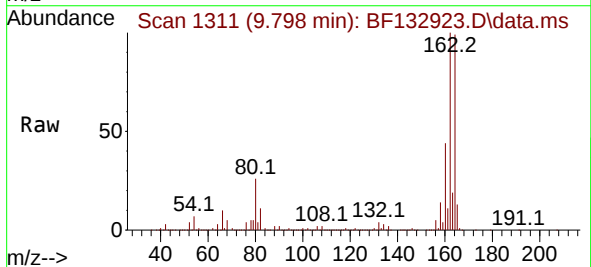
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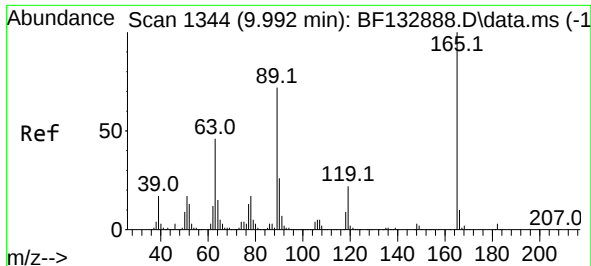
Tgt Ion:163 Resp: 117376
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 513.2 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.647 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion:165 Resp: 76380
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.4 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 7.006 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF132923.D

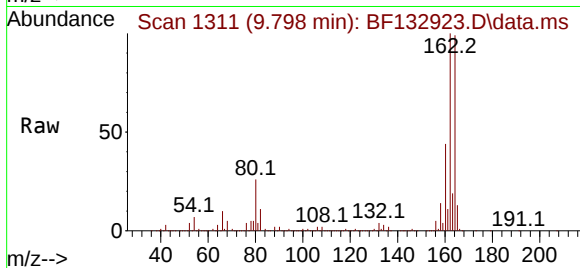
Acq: 19 Apr 2023 21:12

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BNA_F

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20230348-COMP-26



Tgt Ion:165 Resp: 76380

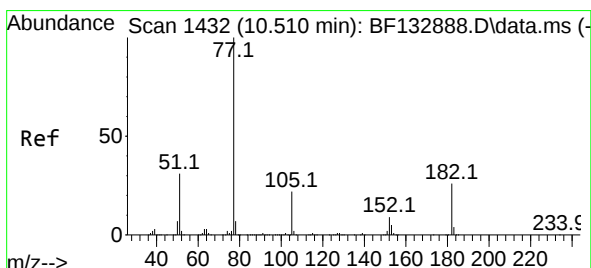
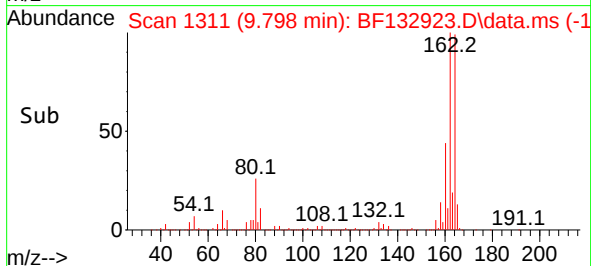
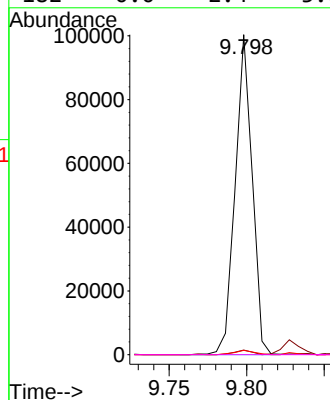
Ion Ratio Lower Upper

165 100

63 1.4 37.0 55.6#

89 1.4 57.8 86.6#

182 0.0 2.4 3.6#



#63

Azobenzene

Concen: 9.263 ng

RT: 10.516 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

Tgt Ion: 77 Resp: 389534

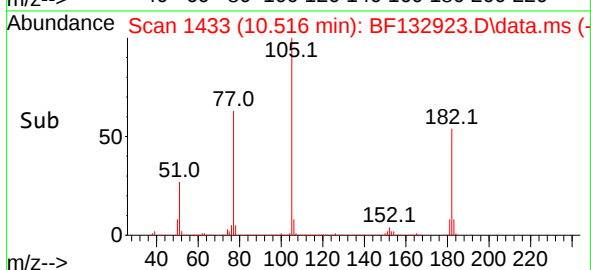
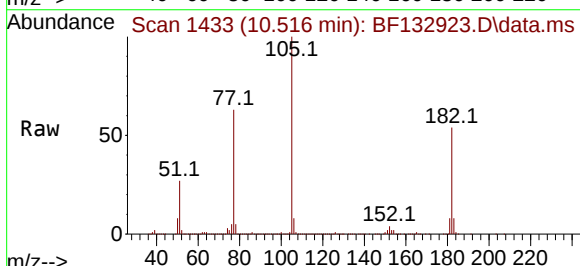
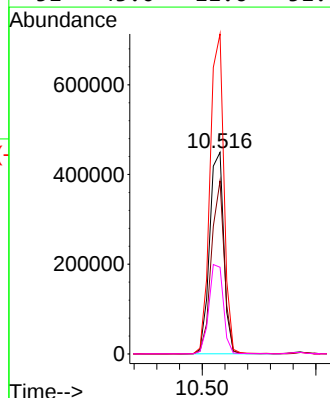
Ion Ratio Lower Upper

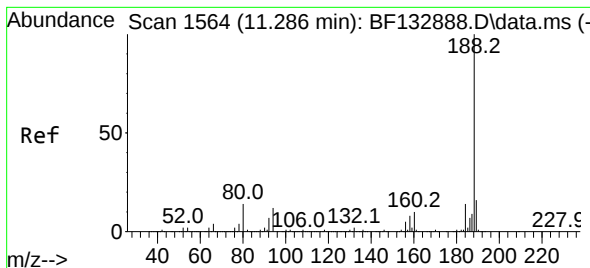
77 100

182 85.9 6.0 46.0#

105 158.8 1.6 41.6#

51 43.0 11.6 51.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

Instrument :

BNA_F

ClientSampleId :

20230348-COMP-26

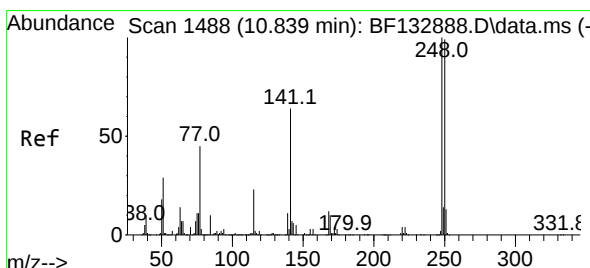
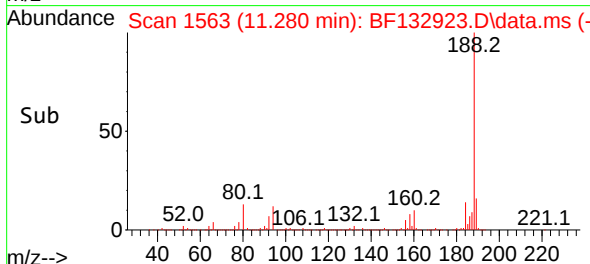
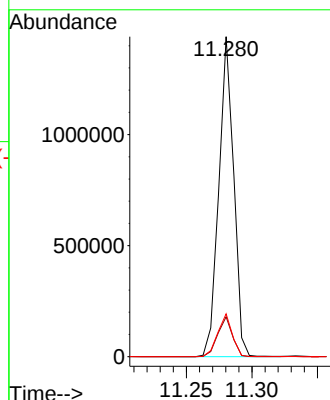
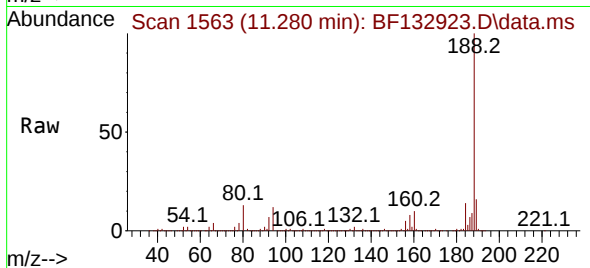
Tgt Ion:188 Resp: 1133991

Ion Ratio Lower Upper

188 100

94 12.4 9.9 14.9

80 13.4 10.8 16.2



#67

4-Bromophenyl-phenylether

Concen: 3.188 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

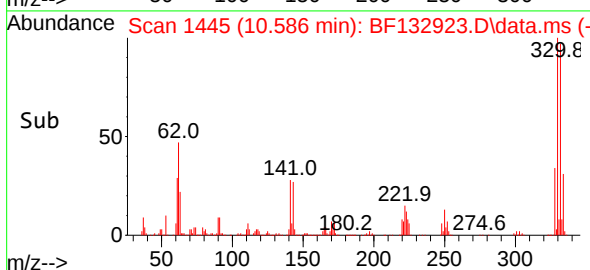
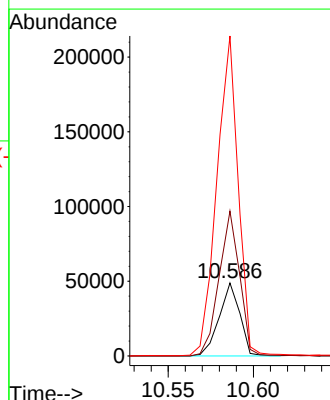
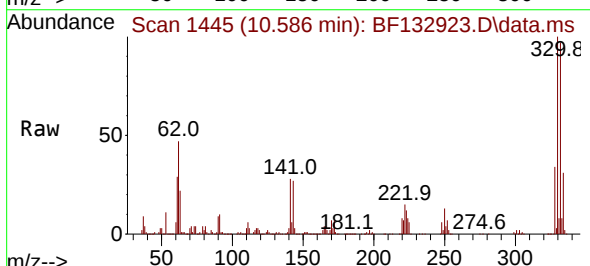
Tgt Ion:248 Resp: 41283

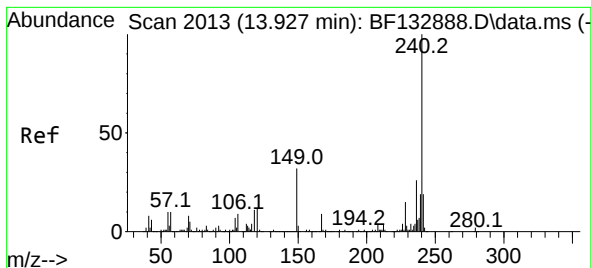
Ion Ratio Lower Upper

248 100

250 198.5 79.1 118.7#

141 438.5 51.0 76.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.915 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

Instrument :

BNA_F

ClientSampleId :

20230348-COMP-26

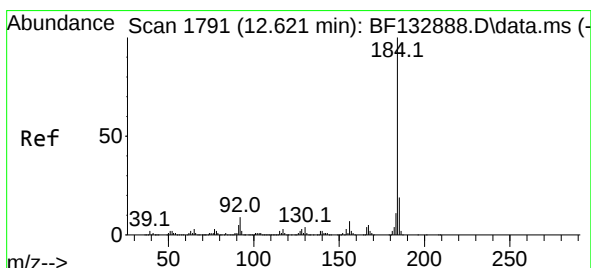
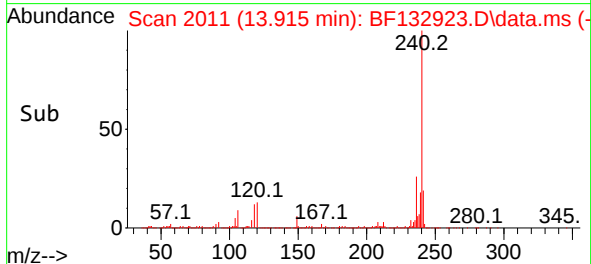
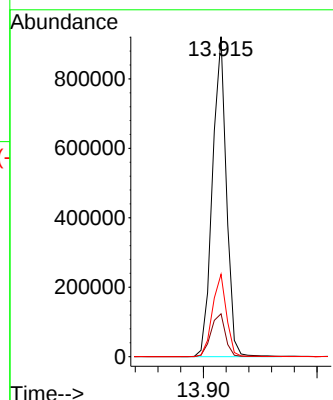
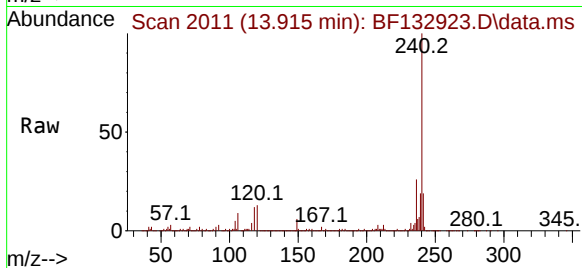
Tgt Ion:240 Resp: 784998

Ion Ratio Lower Upper

240 100

120 13.4 10.0 15.0

236 25.8 20.8 31.2



#77

Benidine

Concen: 2.702 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.247 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

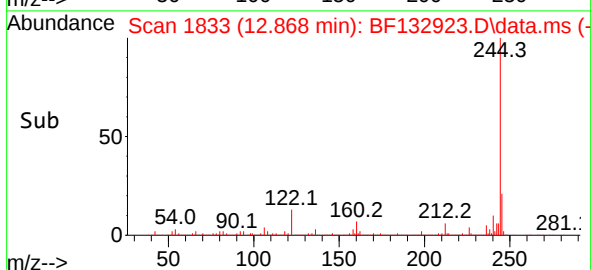
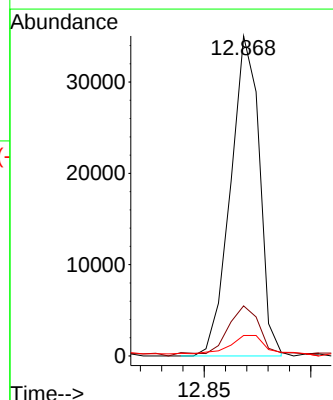
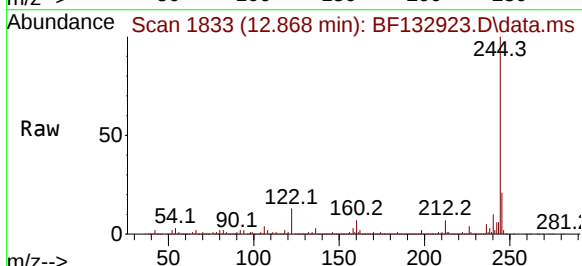
Tgt Ion:184 Resp: 33044

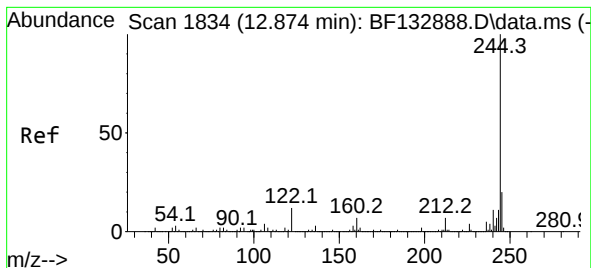
Ion Ratio Lower Upper

184 100

185 15.7 14.9 22.3

183 6.4 9.0 13.6#





#79

Terphenyl-d14

Concen: 61.611 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.006 min

Lab File: BF132923.D

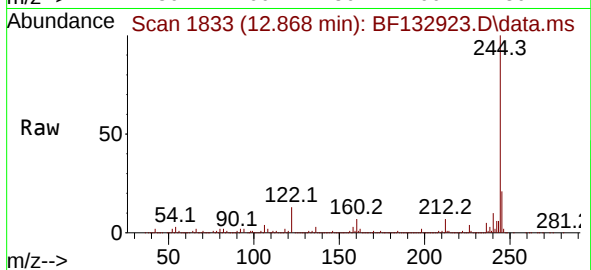
Acq: 19 Apr 2023 21:12

Instrument :

BNA_F

ClientSampleId :

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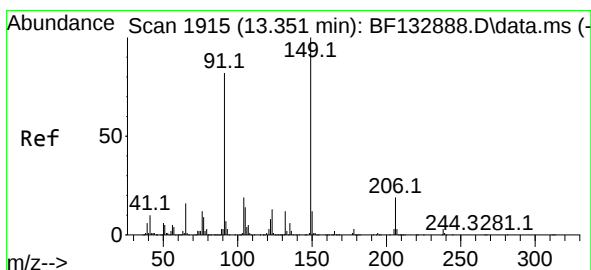
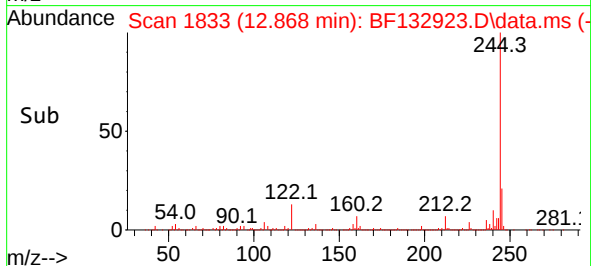
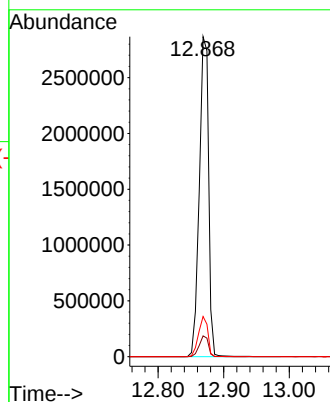
Tgt Ion:244 Resp: 2834826

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 12.5 9.6 14.4



#80

Butylbenzylphthalate

Concen: 5.275 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

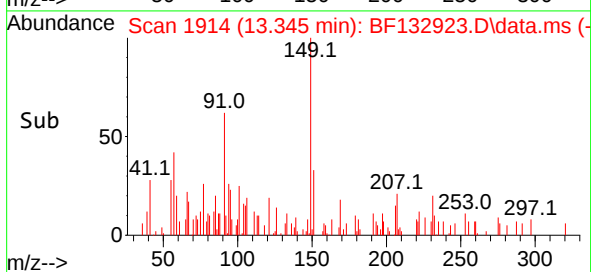
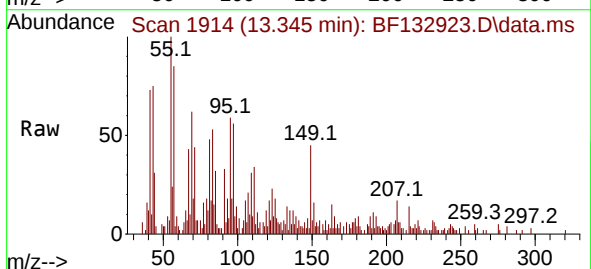
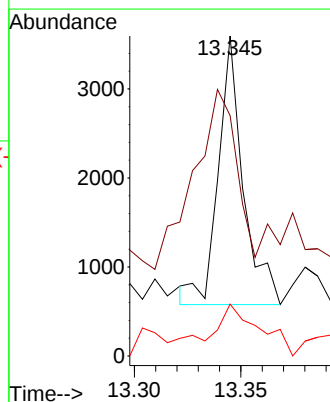
Tgt Ion:149 Resp: 2439

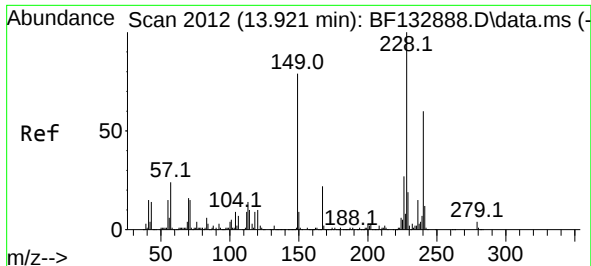
Ion Ratio Lower Upper

149 100

91 75.1 65.4 98.0

206 16.2 15.6 23.4

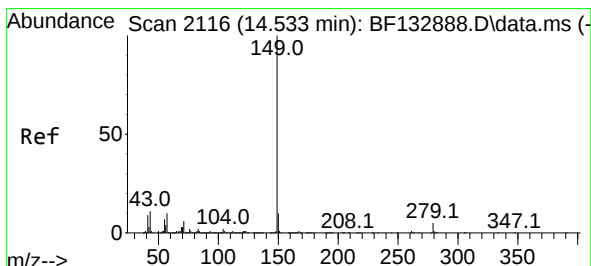
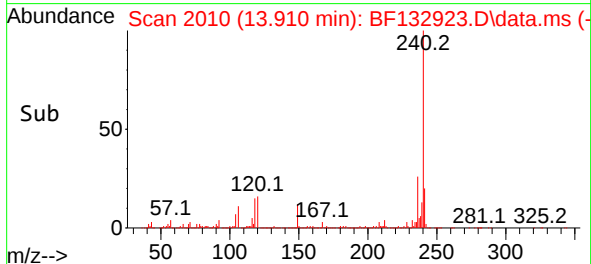
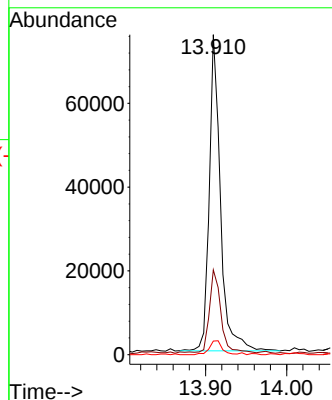
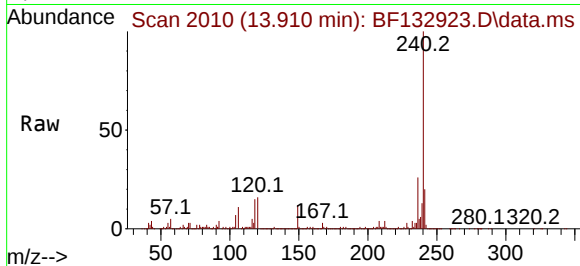




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.556 ng
RT: 13.910 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

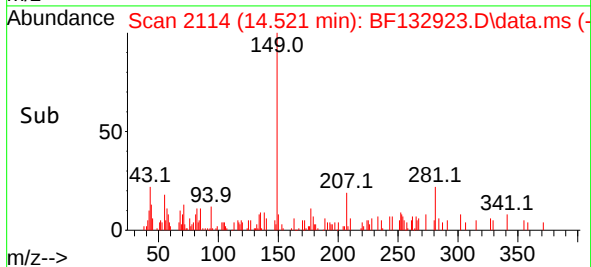
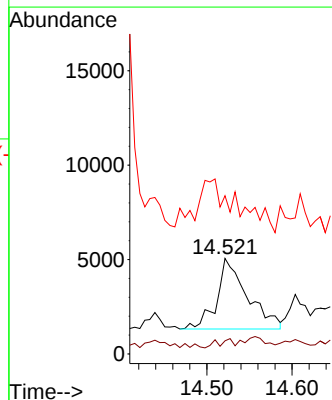
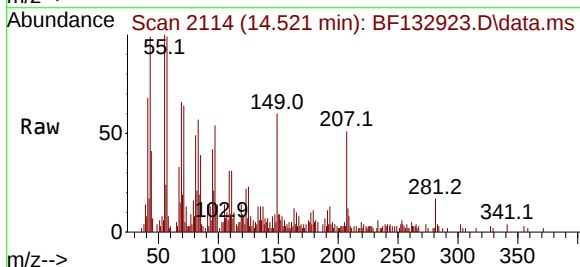
Instrument :
BNA_F
ClientSampleId :
20230348-COMP-26

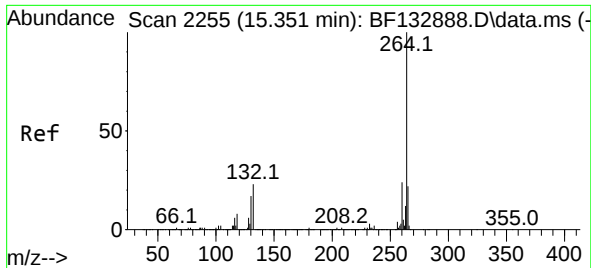
Tgt Ion:149 Resp: 72194
Ion Ratio Lower Upper
149 100
167 26.5 22.2 33.4
279 4.2 4.2 6.2



#85
Di-n-octyl phthalate
Concen: 6.566 ng
RT: 14.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

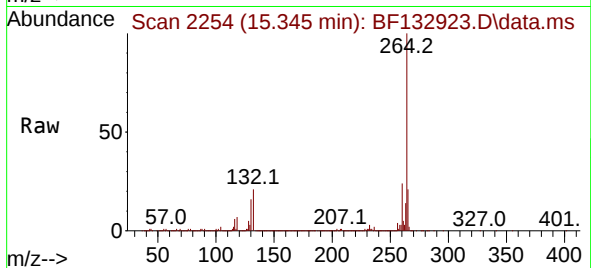
Tgt Ion:149 Resp: 9310
Ion Ratio Lower Upper
149 100
167 4.4 1.2 1.8#
43 0.0 11.5 17.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Instrument :
BNA_F
ClientSampleId :
20230348-COMP-26



Tgt Ion:264 Resp: 648415
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.1 17.7 26.5

