

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131476.D
 Acq On : 30 Nov 2022 17:47
 Operator : CG\JU
 Sample : N5806-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Dec 01 01:14:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 01:09:58 2022
 Response via : Initial Calibration

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

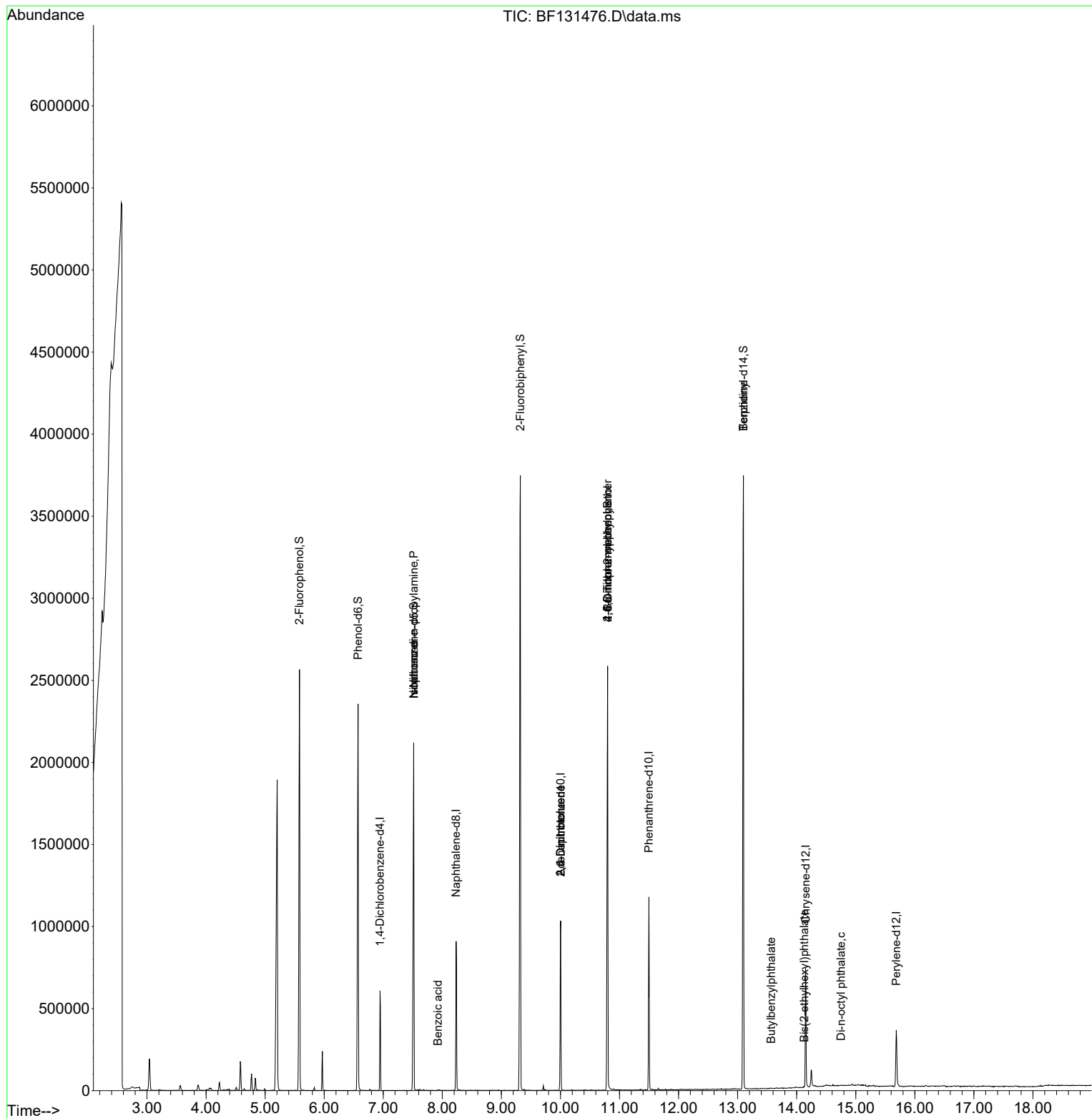
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	86172	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	395471	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	223419	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	406290	20.000	ng	0.00
76) Chrysene-d12	14.151	240	261292	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	174526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	674057	148.874	ng	0.02
7) Phenol-d6	6.575	99	827827	143.301	ng	0.00
23) Nitrobenzene-d5	7.516	82	716230	91.294	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	322058	171.340	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1307645	85.149	ng	0.00
79) Terphenyl-d14	13.098	244	1424592	89.156	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	1402	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	94886	22.437	ng	# 70
25) Isophorone	7.516	82	716218	51.170	ng	# 68
32) Benzoic acid	7.928	122	696	5.370	ng	94
51) 2,6-Dinitrotoluene	10.004	165	28191	9.056	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	28191	7.197	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	730	5.043	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	20997	4.217	ng	# 1
77) Benzidine	13.098	184	17380	3.601	ng	# 94
80) Butylbenzylphthalate	13.568	149	796	4.237	ng	# 86
84) Bis(2-ethylhexyl)phtha...	14.127	149	1465	3.880	ng	# 92
85) Di-n-octyl phthalate	14.751	149	1152	3.992	ng	# 1

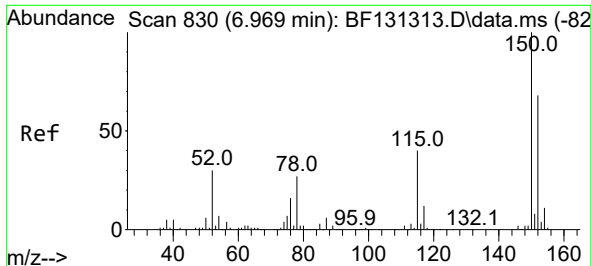
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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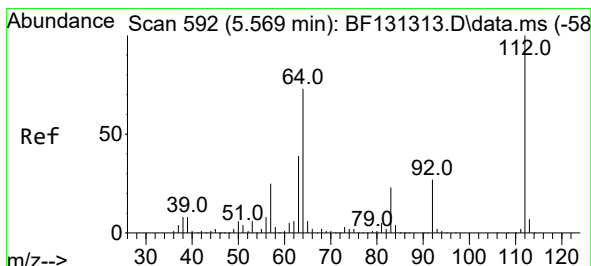
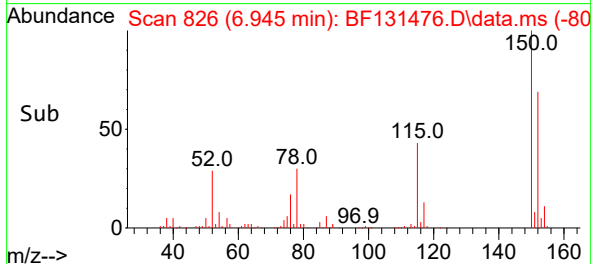
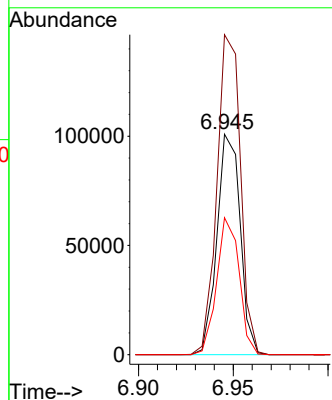
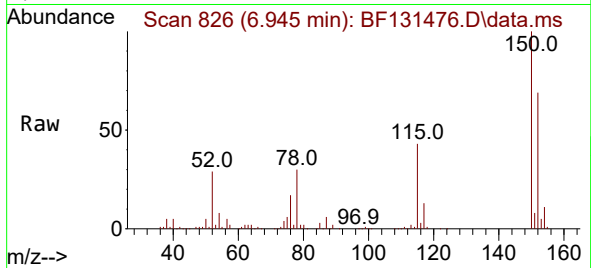




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

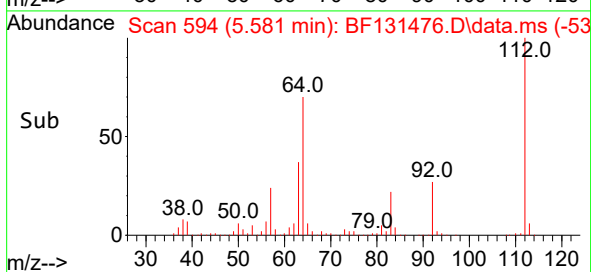
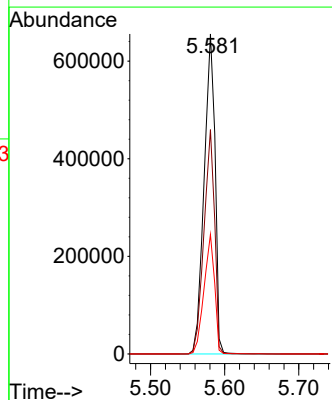
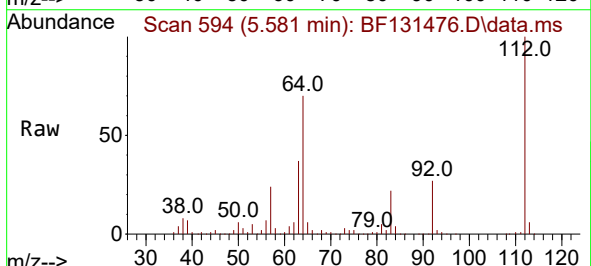
Instrument :
BNA_F
ClientSampleId :
COMP-2

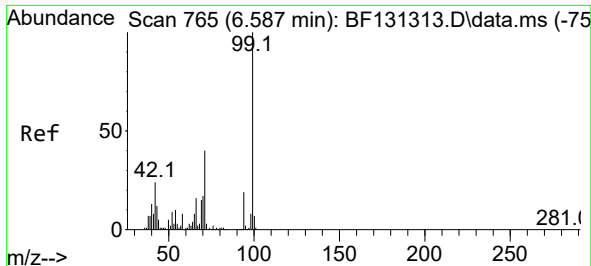
Tgt Ion:152 Resp: 86172
Ion Ratio Lower Upper
152 100
150 145.2 117.8 176.8
115 62.1 47.1 70.7



#5
2-Fluorophenol
Concen: 148.874 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.023 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

Tgt Ion:112 Resp: 674057
Ion Ratio Lower Upper
112 100
64 70.1 58.6 88.0
63 37.3 31.4 47.0

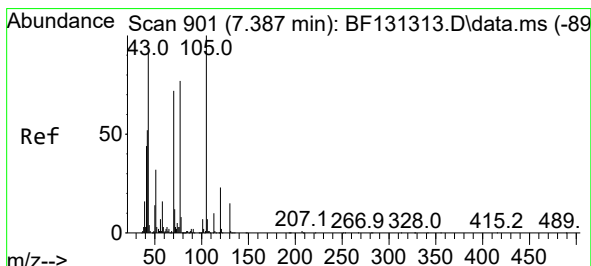
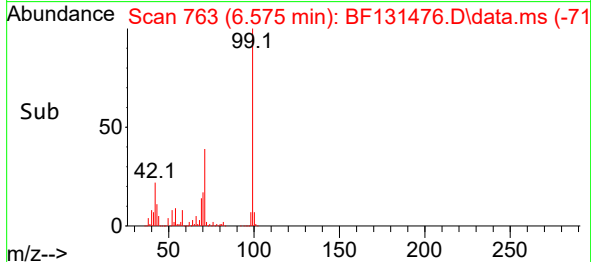
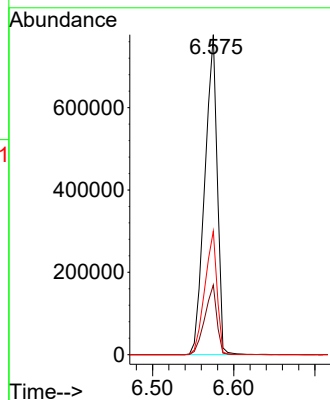
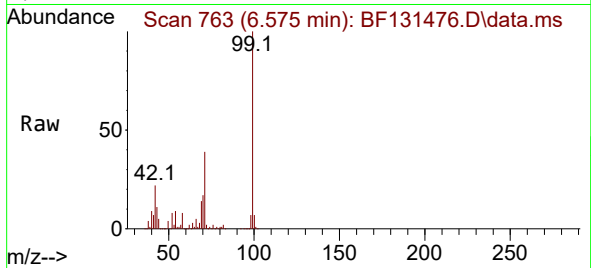




#7
Phenol-d6
Concen: 143.301 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

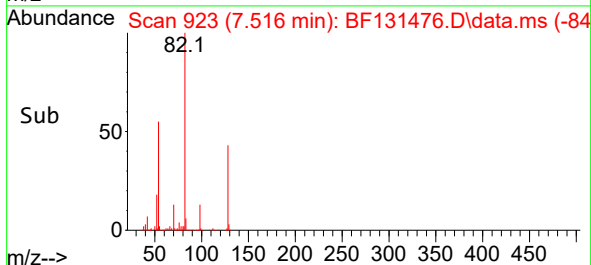
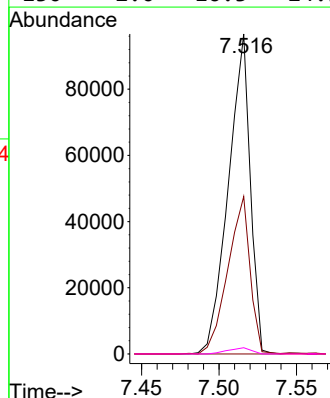
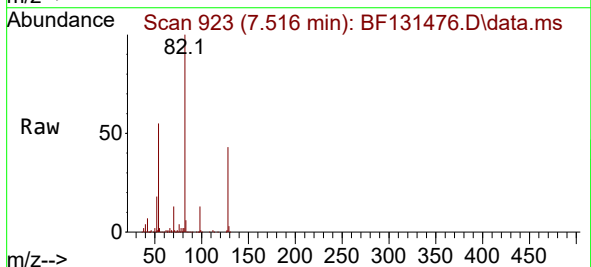
Instrument :
BNA_F
ClientSampleId :
COMP-2

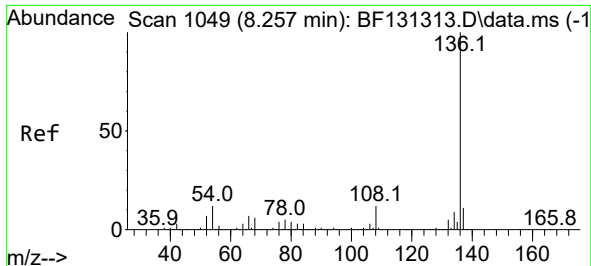
Tgt Ion: 99 Resp: 827827
Ion Ratio Lower Upper
99 100
42 21.8 19.4 29.2
71 38.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 22.437 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.153 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

Tgt Ion: 70 Resp: 94886
Ion Ratio Lower Upper
70 100
42 49.2 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#

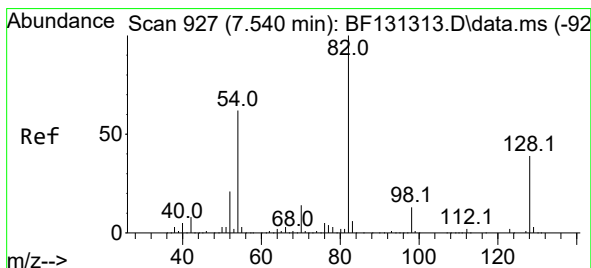
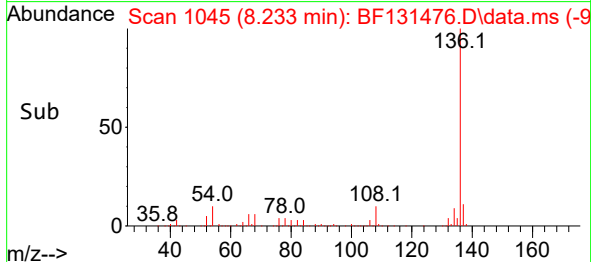
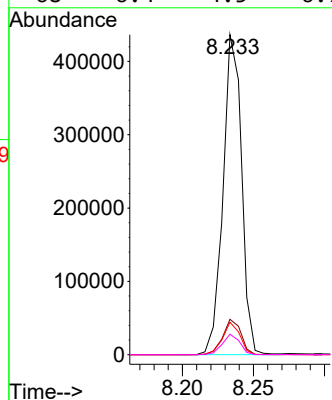
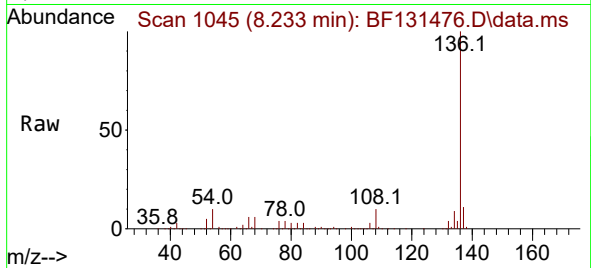




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

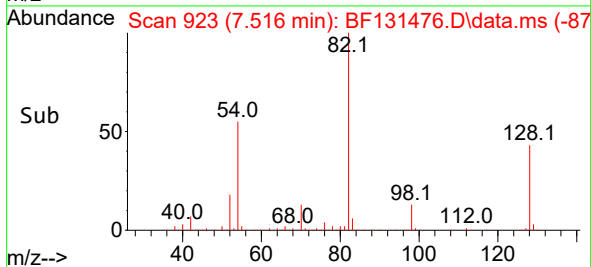
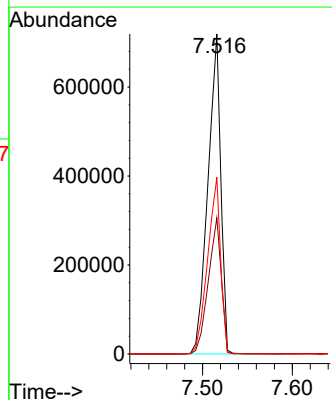
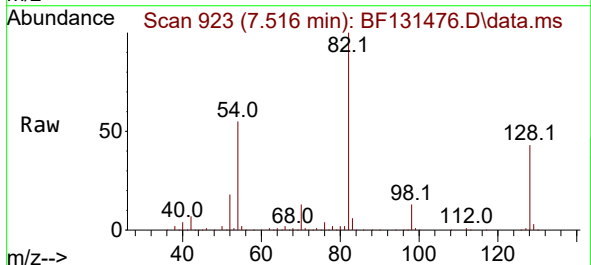
Instrument :
BNA_F
ClientSampleId :
COMP-2

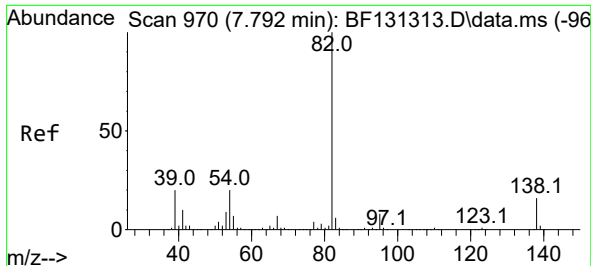
Tgt Ion:136 Resp: 395471
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.2 9.4 14.0
68 6.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 91.294 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.000 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

Tgt Ion: 82 Resp: 716230
Ion Ratio Lower Upper
82 100
128 42.5 31.4 47.0
54 55.2 49.8 74.6

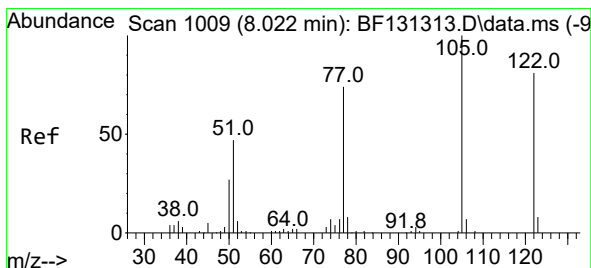
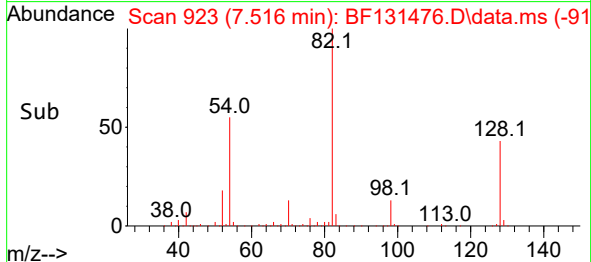
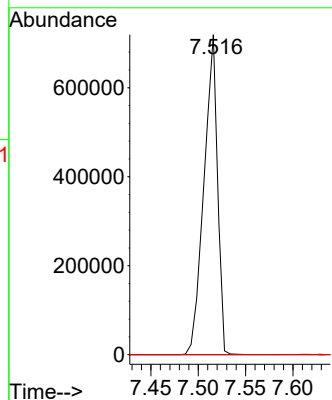
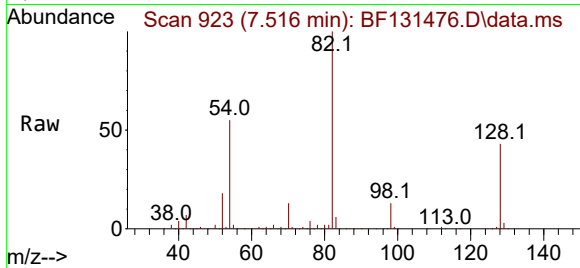




#25
Isophorone
Concen: 51.170 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

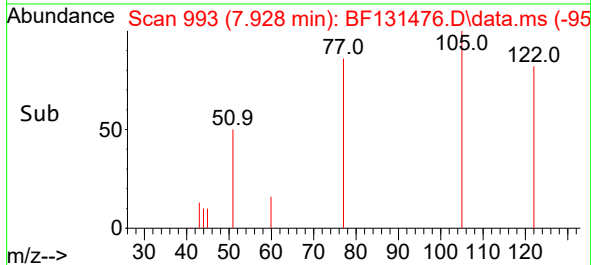
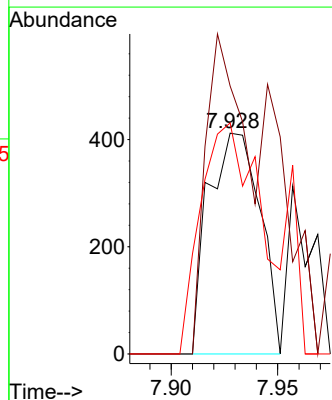
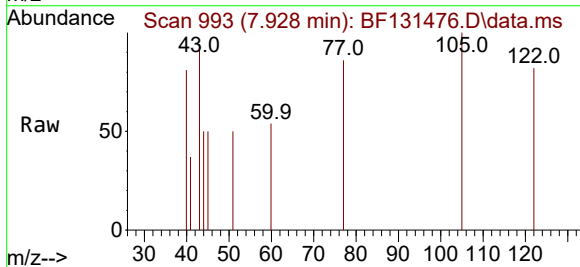
Instrument :
BNA_F
ClientSampleId :
COMP-2

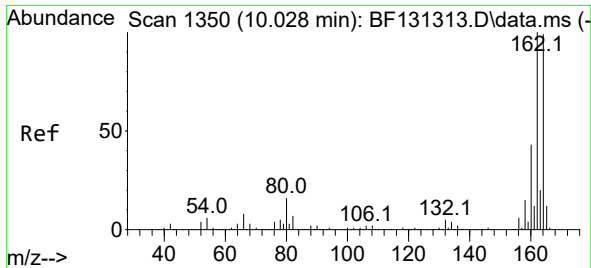
Tgt Ion: 82 Resp: 716218
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.370 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.071 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

Tgt Ion: 122 Resp: 696
Ion Ratio Lower Upper
122 100
105 121.4 103.8 143.8
77 104.6 74.3 114.3

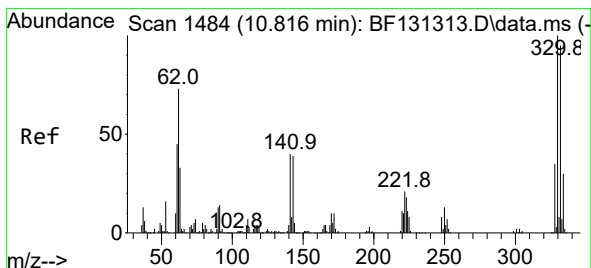
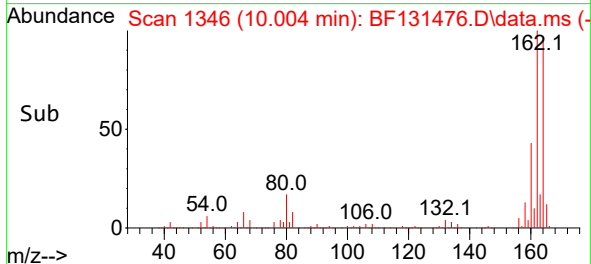
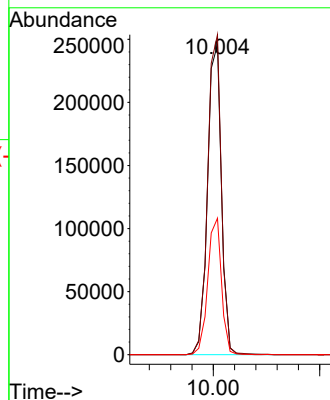
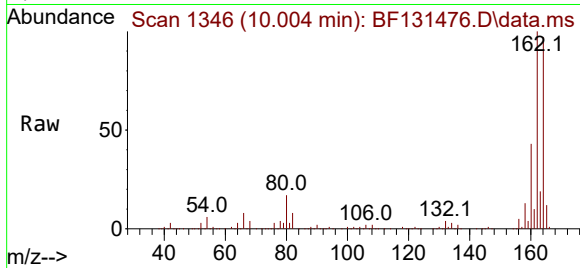




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

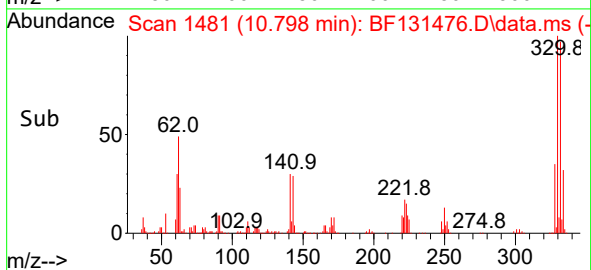
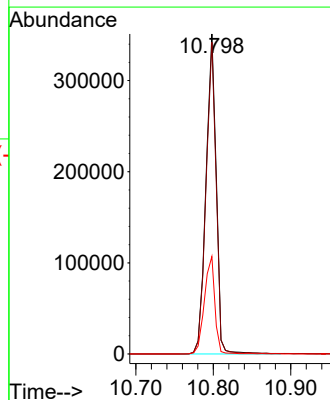
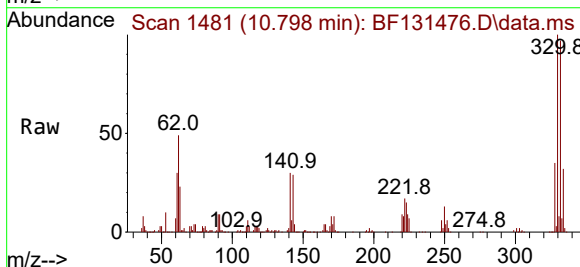
Instrument :
BNA_F
ClientSampleId :
COMP-2

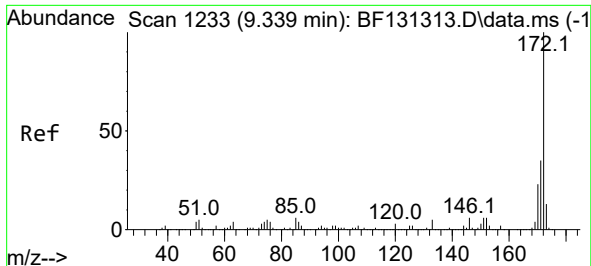
Tgt Ion:164 Resp: 223419
Ion Ratio Lower Upper
164 100
162 103.1 80.6 120.8
160 44.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 171.340 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

Tgt Ion:330 Resp: 322058
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 31.4 29.3 43.9

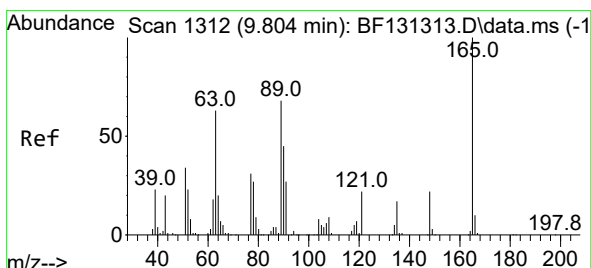
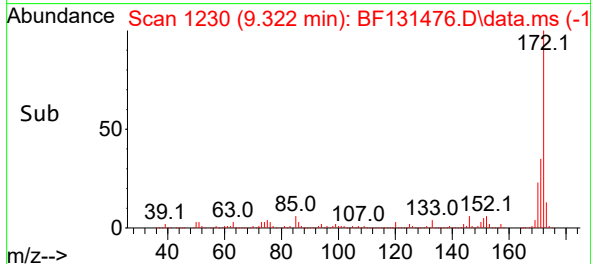
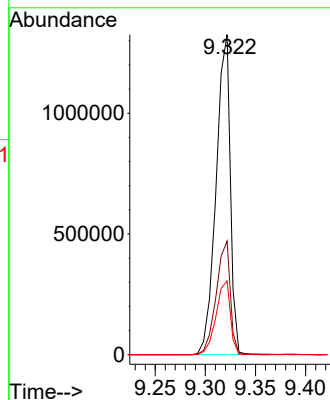
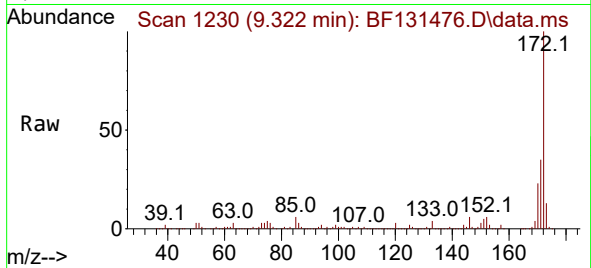




#45
2-Fluorobiphenyl
Concen: 85.149 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

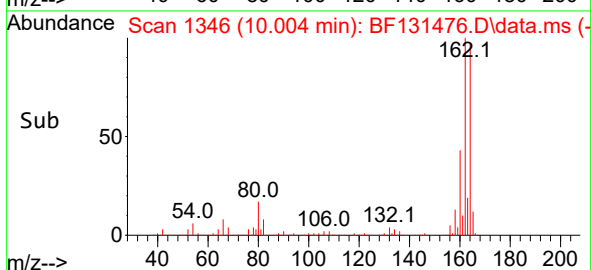
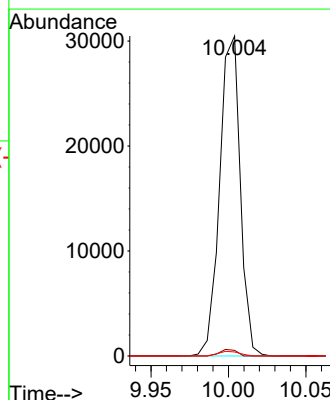
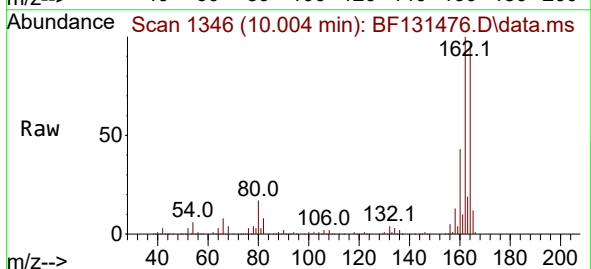
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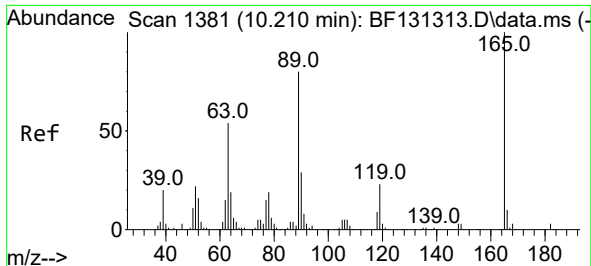
Tgt Ion:172 Resp: 1307645
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.0 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.056 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.218 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

Tgt Ion:165 Resp: 28191
Ion Ratio Lower Upper
165 100
63 1.7 62.0 93.0#
89 1.3 54.4 81.6#

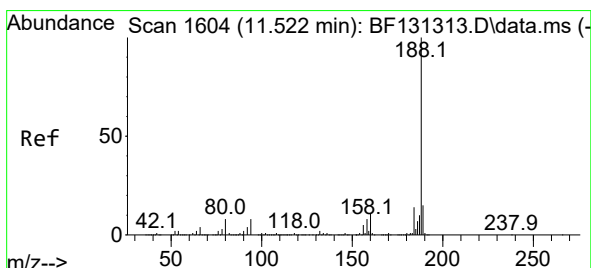
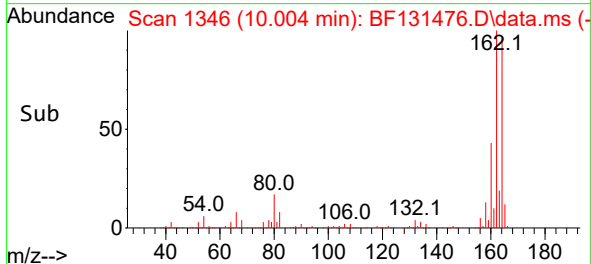
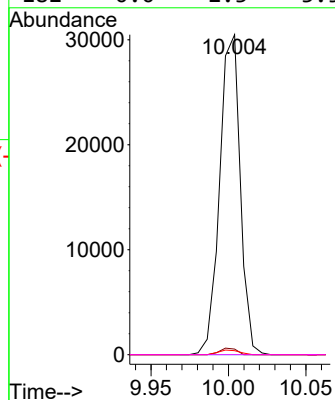
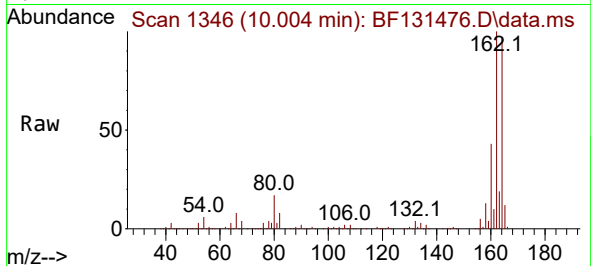




#57
2,4-Dinitrotoluene
Concen: 7.197 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

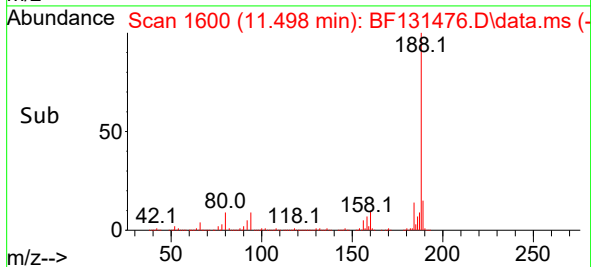
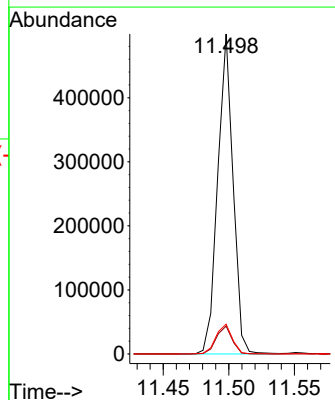
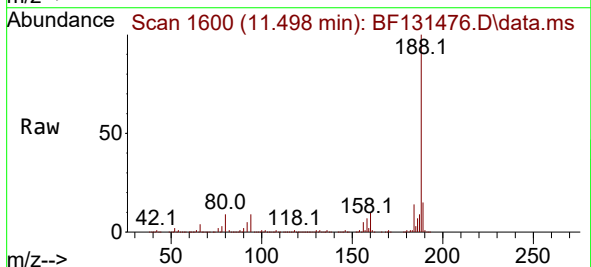
Instrument :
BNA_F
ClientSampleId :
COMP-2

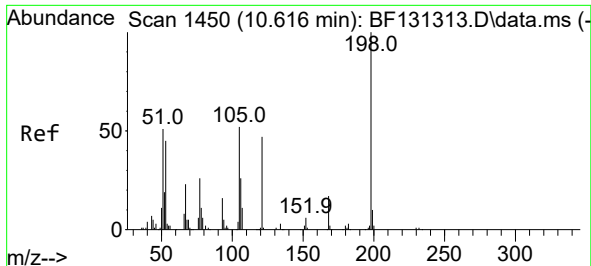
Tgt Ion:165 Resp: 28191
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.2#
89 1.3 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

Tgt Ion:188 Resp: 406290
Ion Ratio Lower Upper
188 100
94 8.7 6.3 9.5
80 9.3 6.8 10.2

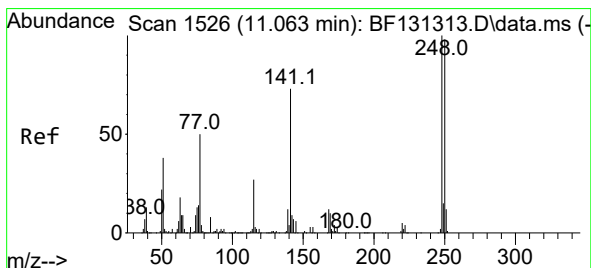
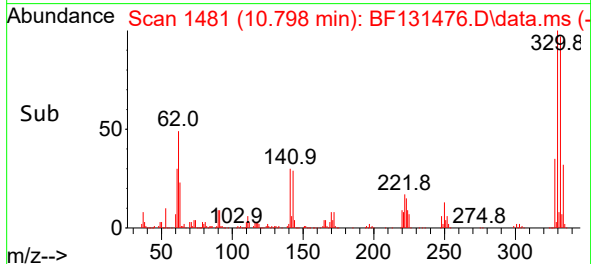
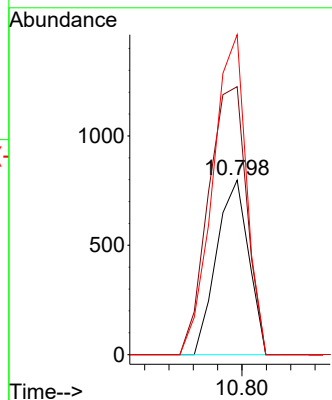
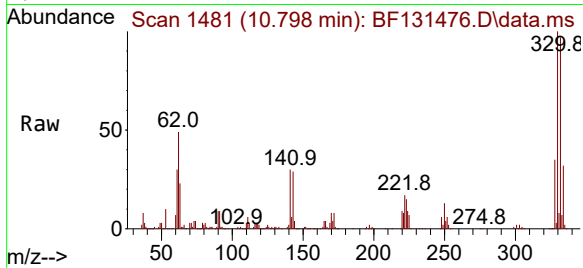




#65
4,6-Dinitro-2-methylphenol
Concen: 5.043 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.200 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

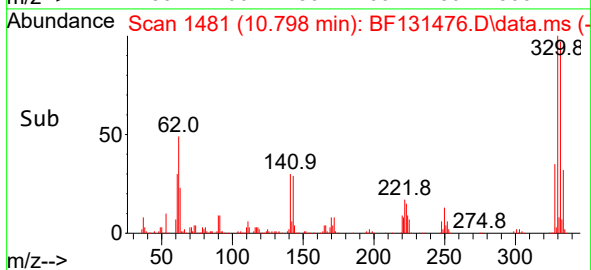
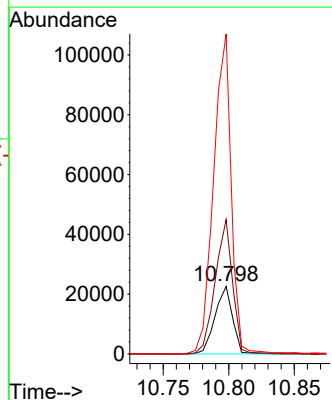
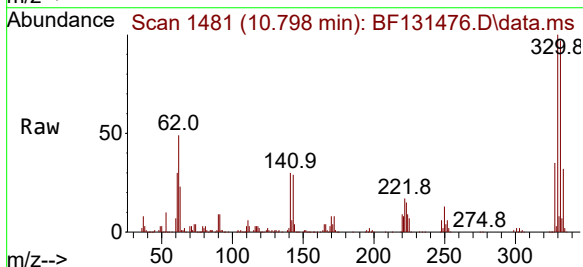
Instrument :
BNA_F
ClientSampleId :
COMP-2

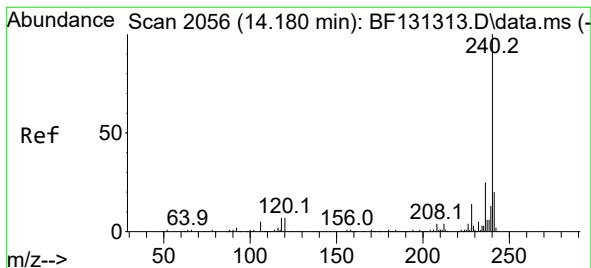
Tgt Ion:198 Resp: 730
Ion Ratio Lower Upper
198 100
51 153.5 50.1 90.1#
105 183.3 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.217 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.241 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

Tgt Ion:248 Resp: 20997
Ion Ratio Lower Upper
248 100
250 199.0 78.3 117.5#
141 473.6 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF131476.D

Acq: 30 Nov 2022 17:47

Instrument :

BNA_F

ClientSampleId :

COMP-2

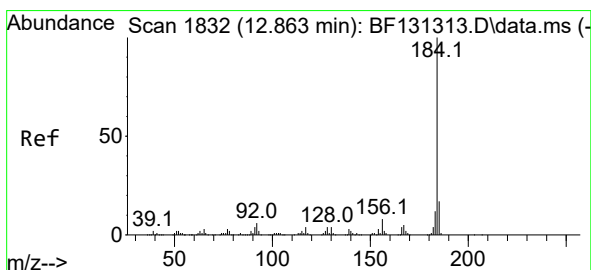
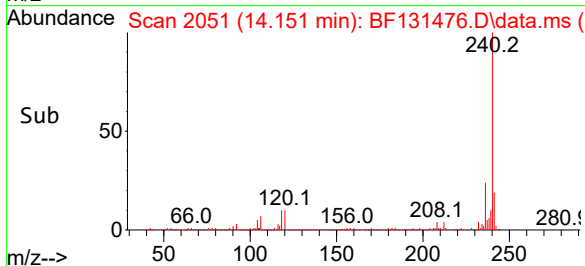
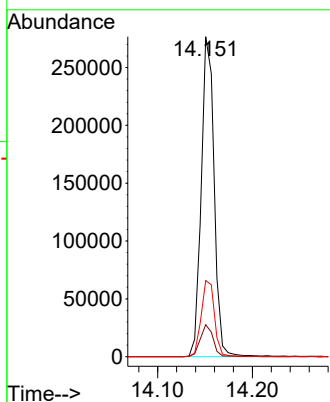
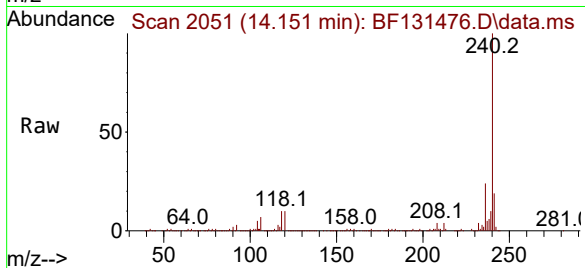
Tgt Ion:240 Resp: 261292

Ion Ratio Lower Upper

240 100

120 10.0 5.8 8.8#

236 23.8 20.3 30.5



#77

Benzdine

Concen: 3.601 ng

RT: 13.098 min Scan# 1872

Delta R.T. 0.253 min

Lab File: BF131476.D

Acq: 30 Nov 2022 17:47

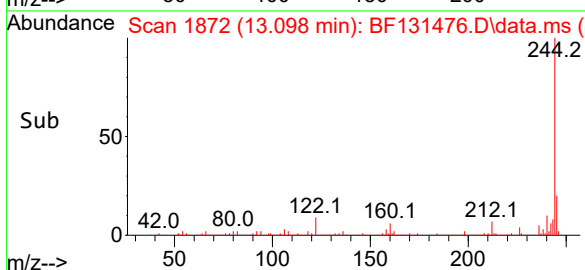
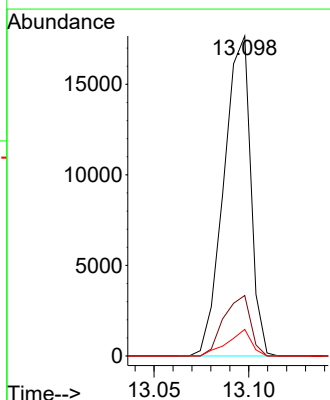
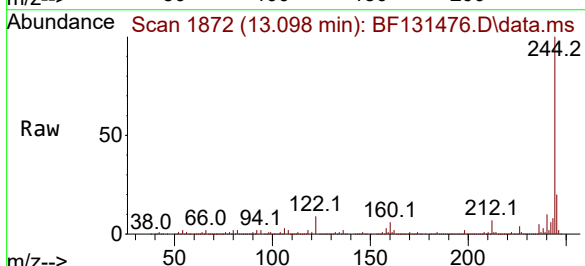
Tgt Ion:184 Resp: 17380

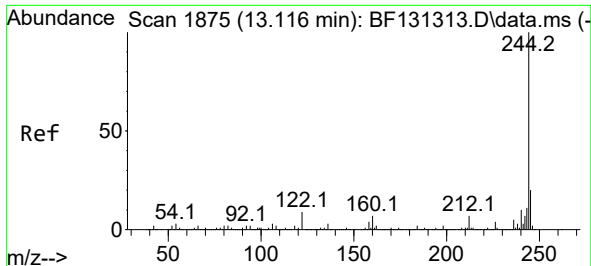
Ion Ratio Lower Upper

184 100

185 18.9 13.8 20.8

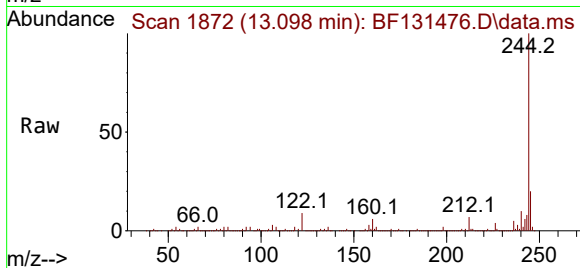
183 8.3 9.6 14.4#



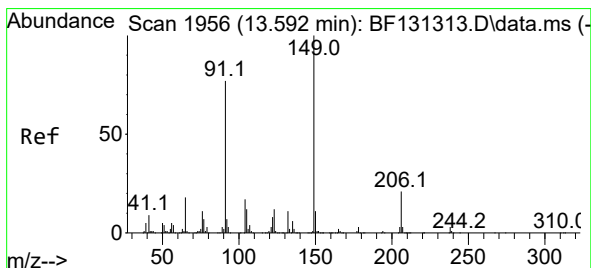
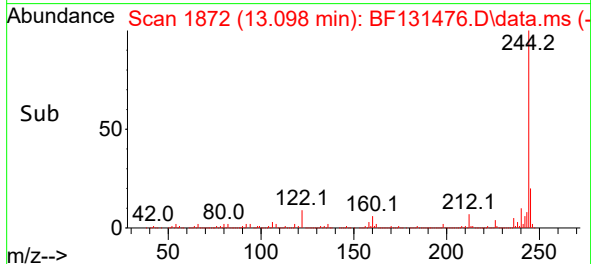
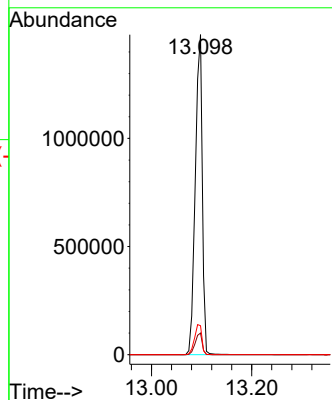


#79
 Terphenyl-d14
 Concen: 89.156 ng
 RT: 13.098 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131476.D
 Acq: 30 Nov 2022 17:47

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

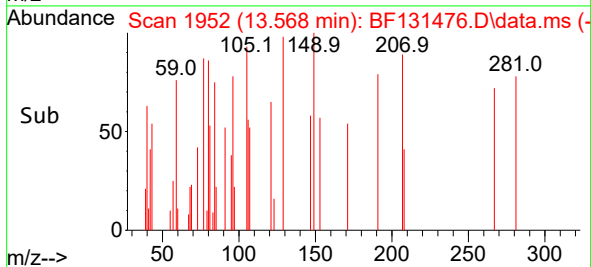
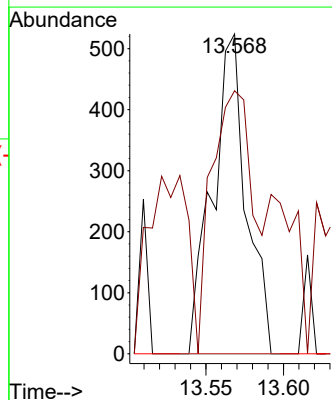
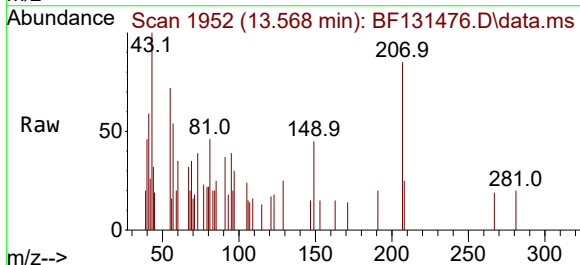


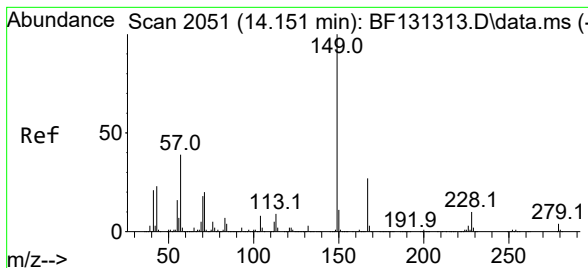
Tgt Ion:244 Resp: 1424592
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.1 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.237 ng
 RT: 13.568 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: BF131476.D
 Acq: 30 Nov 2022 17:47

Tgt Ion:149 Resp: 796
 Ion Ratio Lower Upper
 149 100
 91 82.3 61.9 92.9
 206 0.0 16.5 24.7#

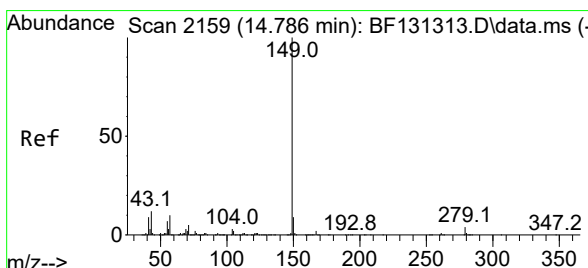
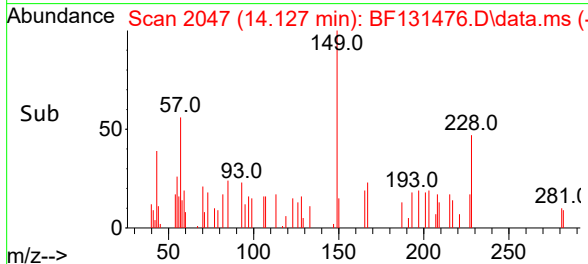
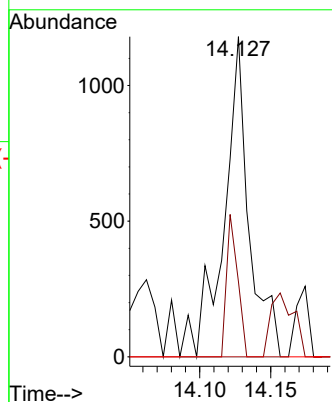
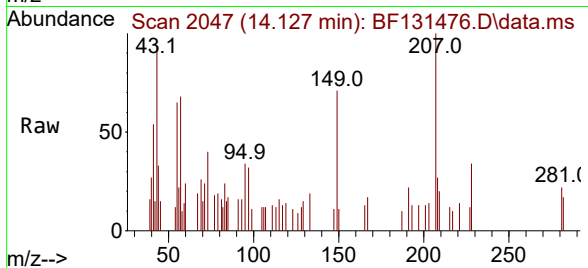




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.880 ng
 RT: 14.127 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: BF131476.D
 Acq: 30 Nov 2022 17:47

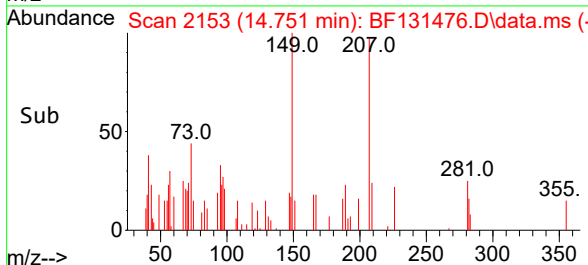
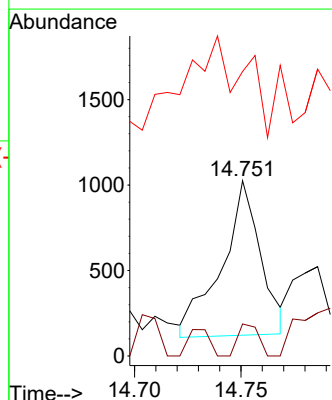
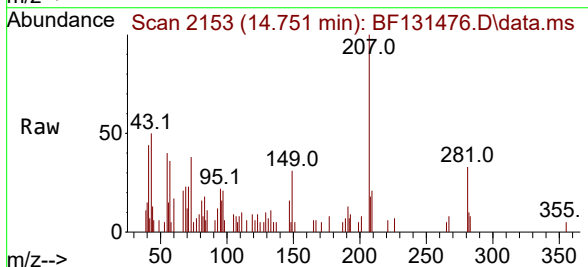
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

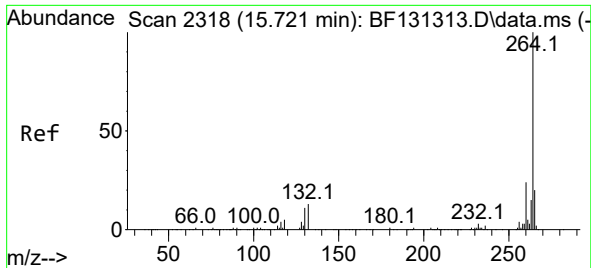
Tgt Ion:149 Resp: 1465
 Ion Ratio Lower Upper
 149 100
 167 23.5 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.992 ng
 RT: 14.751 min Scan# 2153
 Delta R.T. -0.006 min
 Lab File: BF131476.D
 Acq: 30 Nov 2022 17:47

Tgt Ion:149 Resp: 1152
 Ion Ratio Lower Upper
 149 100
 167 10.9 1.2 1.8#
 43 104.9 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131476.D
Acq: 30 Nov 2022 17:47

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:264 Resp: 174526

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.5	16.4	24.6

