

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131475.D
 Acq On : 30 Nov 2022 17:14
 Operator : CG\JU
 Sample : N5807-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Dec 01 01:14:16 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

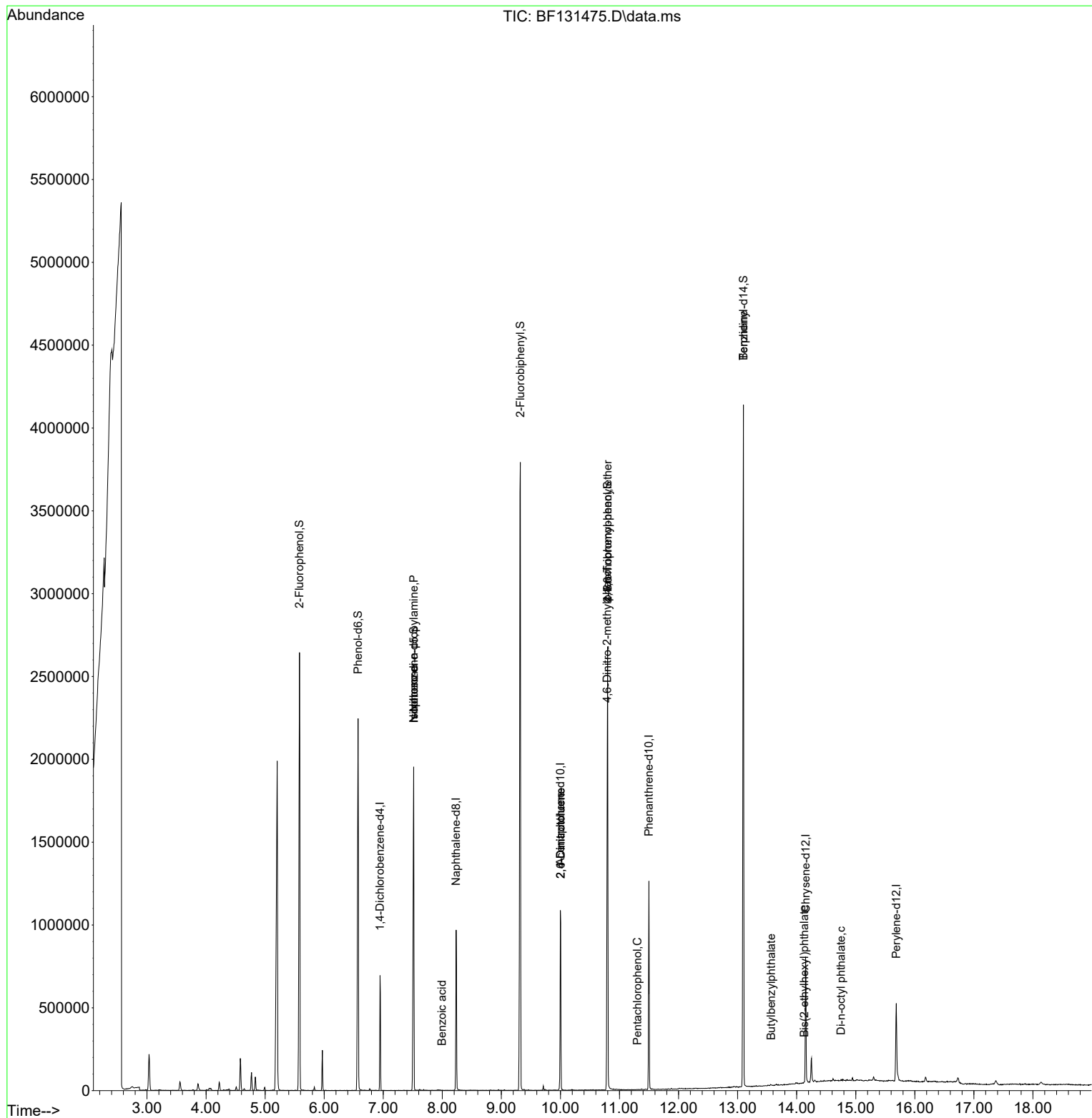
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	98946	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	415304	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	235150	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	416980	20.000	ng	0.00
76) Chrysene-d12	14.151	240	271806	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	224387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	727974	140.025	ng	0.02
7) Phenol-d6	6.575	99	815592	122.956	ng	0.00
23) Nitrobenzene-d5	7.516	82	659334	80.028	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	338561	171.134	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1372845	84.935	ng	0.00
79) Terphenyl-d14	13.098	244	1545848	93.003	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	55	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propyla...	7.516	70	89377	18.406	ng	# 72
25) Isophorone	7.516	82	659327	44.856	ng	# 68
32) Benzoic acid	7.992	122	66	5.148	ng	# 52
51) 2,6-Dinitrotoluene	10.004	165	30015	9.161	ng	# 14
57) 2,4-Dinitrotoluene	10.004	165	30015	7.281	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.792	198	953	5.171	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	22744	4.450	ng	# 1
70) Pentachlorophenol	11.304	266	115	4.913	ng	# 19
77) Benzidine	13.098	184	18802	3.745	ng	# 93
80) Butylbenzylphthalate	13.568	149	1909	4.360	ng	91
84) Bis(2-ethylhexyl)phtha...	14.127	149	1320	3.863	ng	# 97
85) Di-n-octyl phthalate	14.751	149	1249	3.995	ng	# 1

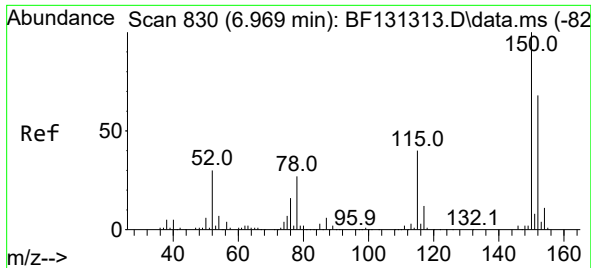
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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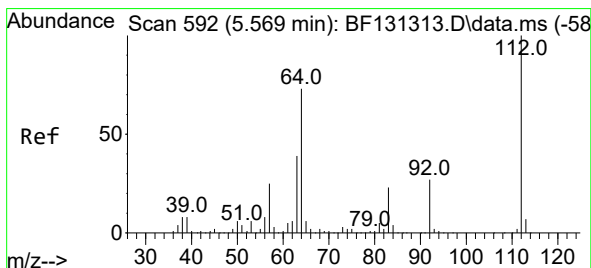
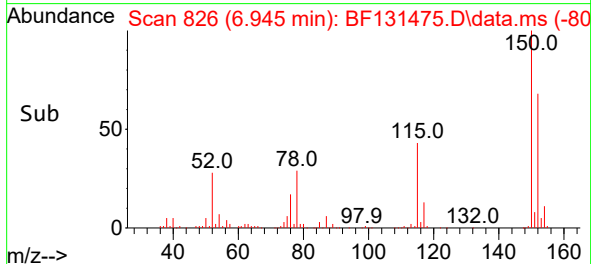
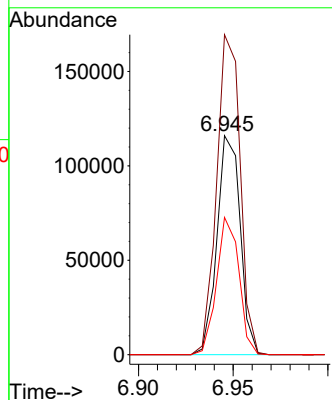
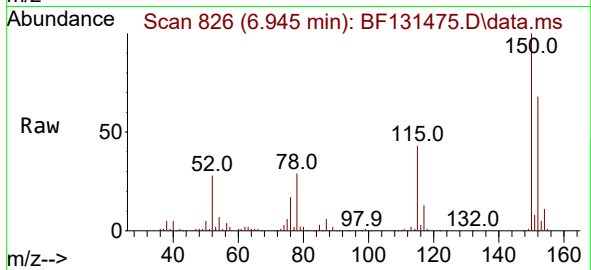




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

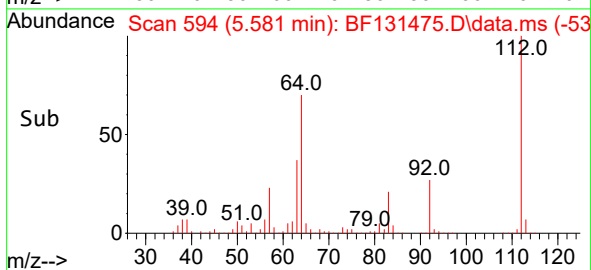
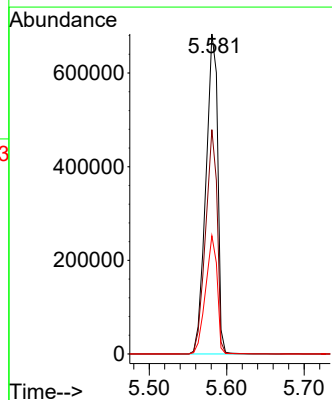
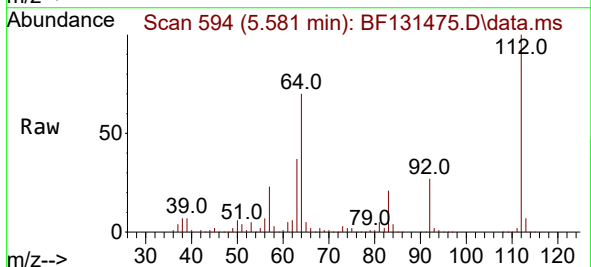
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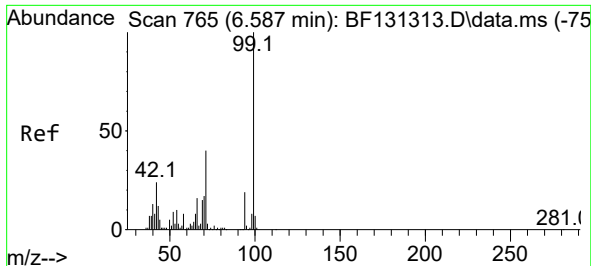
Tgt Ion:152 Resp: 98946
Ion Ratio Lower Upper
152 100
150 146.1 117.8 176.8
115 62.7 47.1 70.7



#5
2-Fluorophenol
Concen: 140.025 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.023 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Tgt Ion:112 Resp: 727974
Ion Ratio Lower Upper
112 100
64 70.1 58.6 88.0
63 37.0 31.4 47.0

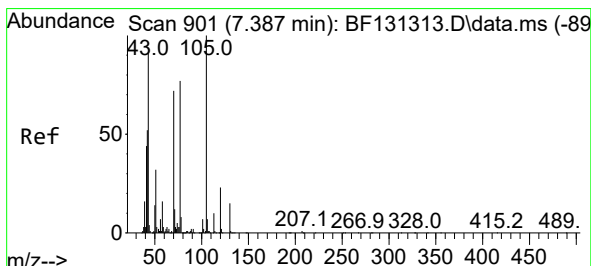
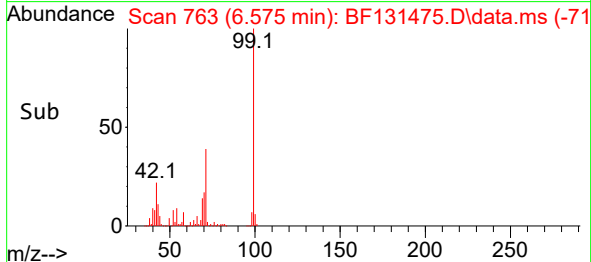
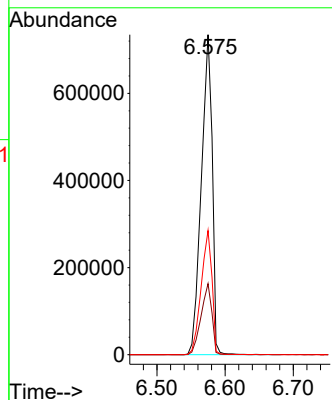
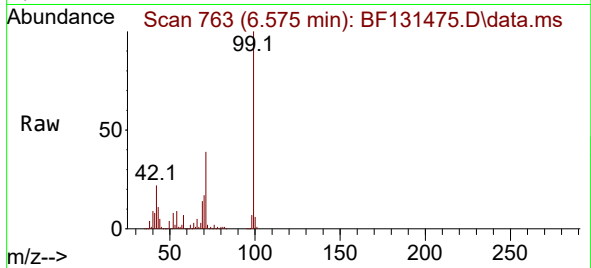




#7
Phenol-d6
Concen: 122.956 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

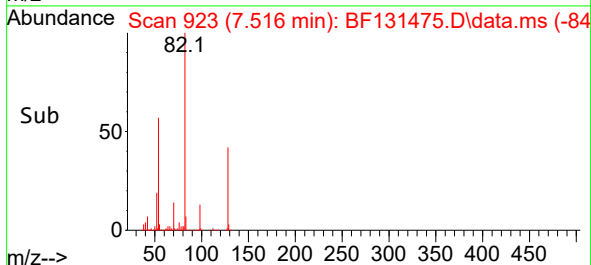
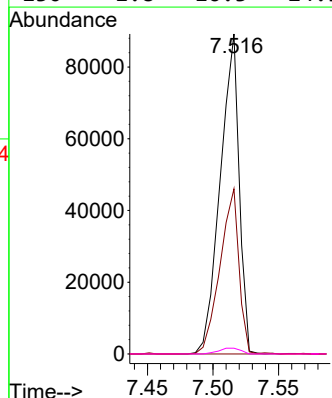
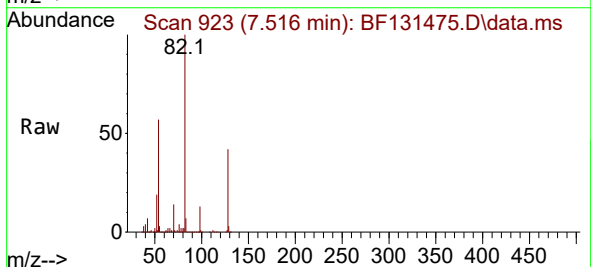
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 815592
Ion Ratio Lower Upper
99 100
42 22.2 19.4 29.2
71 38.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.406 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.153 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Tgt Ion: 70 Resp: 89377
Ion Ratio Lower Upper
70 100
42 51.6 57.6 86.4#
101 0.0 8.2 12.2#
130 1.8 16.3 24.5#



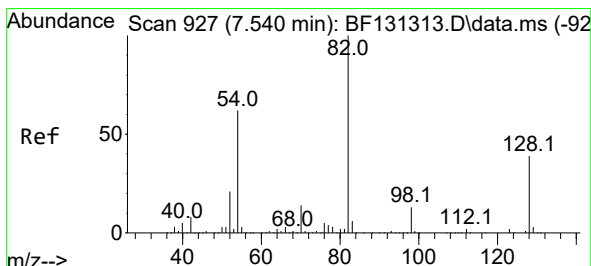
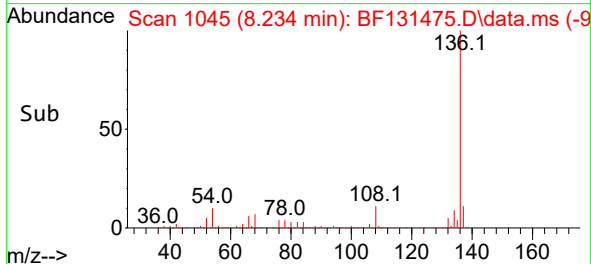
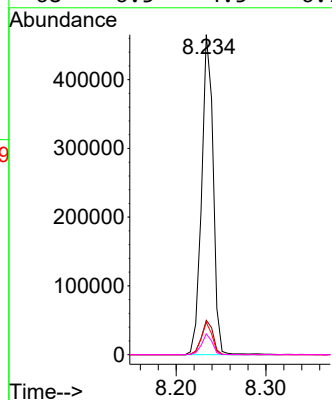
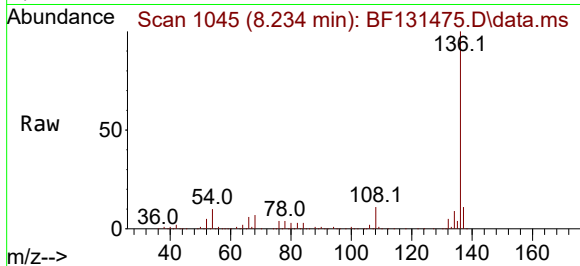


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:136 Resp: 415304

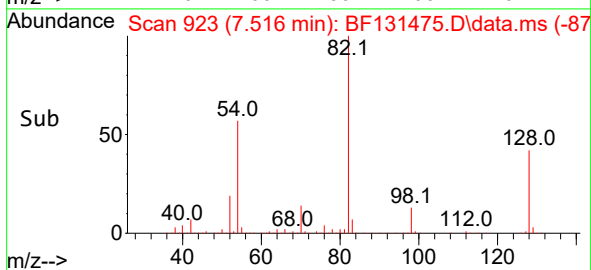
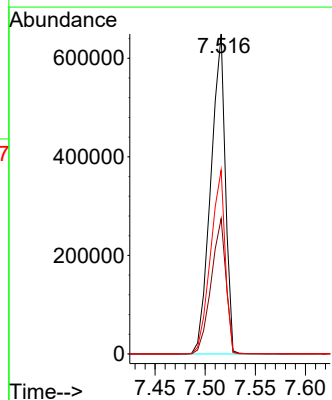
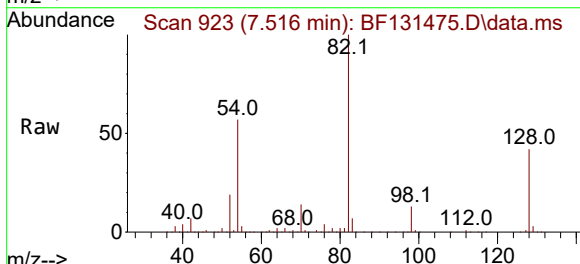
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.0	9.4	14.0
68	6.5	4.5	6.7

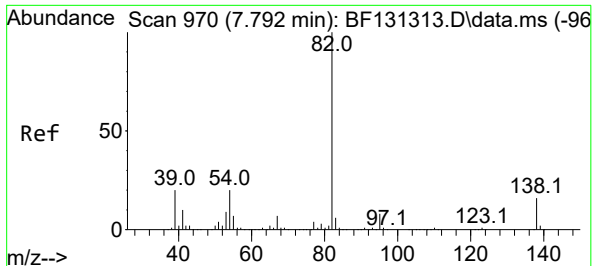


#23
Nitrobenzene-d5
Concen: 80.028 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.000 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Tgt Ion: 82 Resp: 659334

Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.4	47.0
54	57.5	49.8	74.6





#25

Isophorone

Concen: 44.856 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.259 min

Lab File: BF131475.D

Acq: 30 Nov 2022 17:14

Instrument :

BNA_F

ClientSampleId :

COMP-3

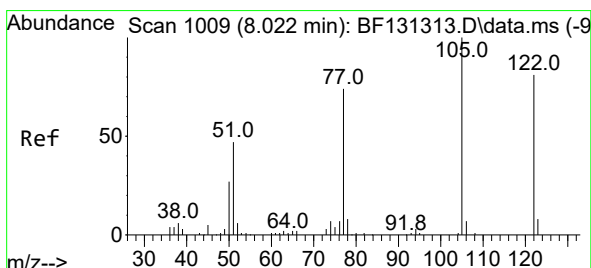
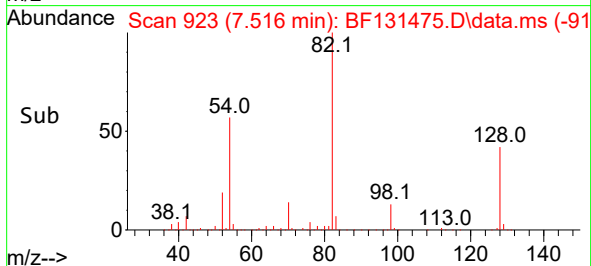
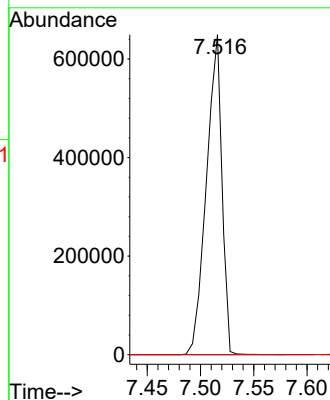
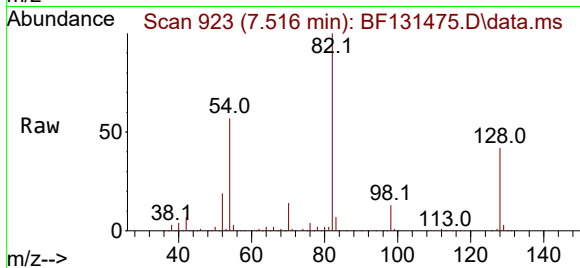
Tgt Ion: 82 Resp: 659327

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.7 19.1#



#32

Benzoic acid

Concen: 5.148 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF131475.D

Acq: 30 Nov 2022 17:14

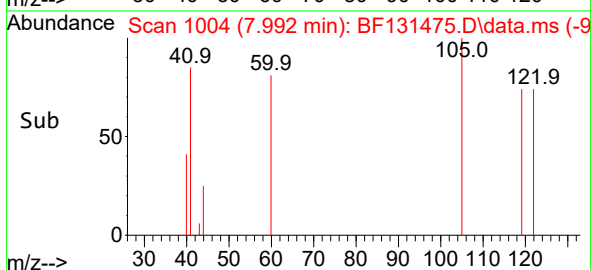
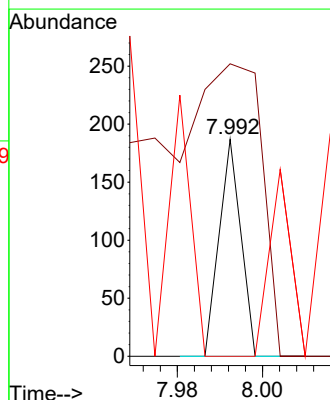
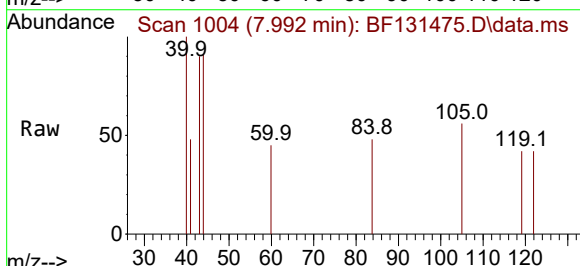
Tgt Ion: 122 Resp: 66

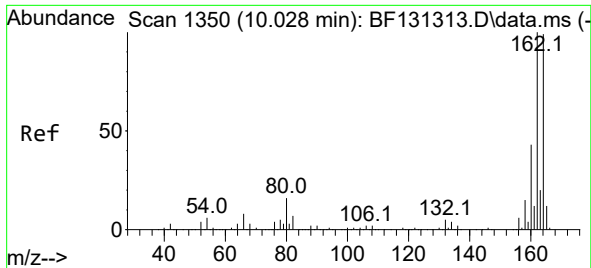
Ion Ratio Lower Upper

122 100

105 134.8 103.8 143.8

77 0.0 74.3 114.3#

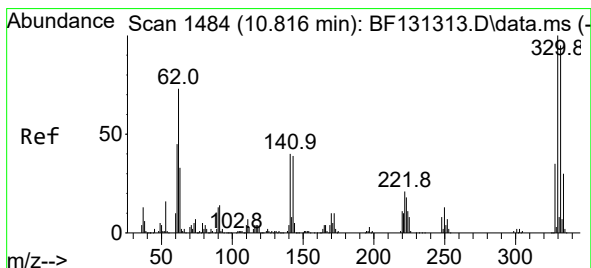
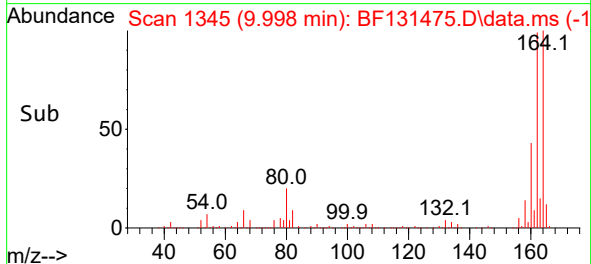
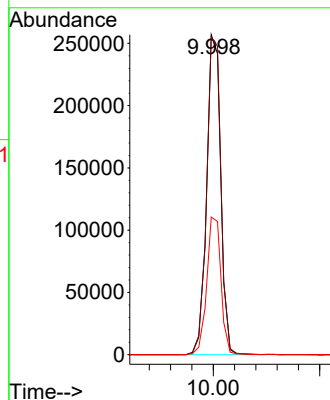
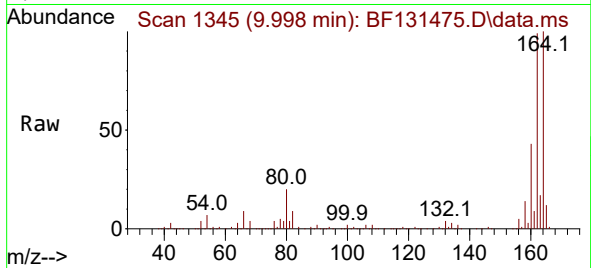




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

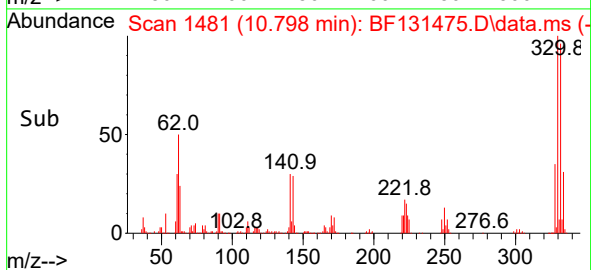
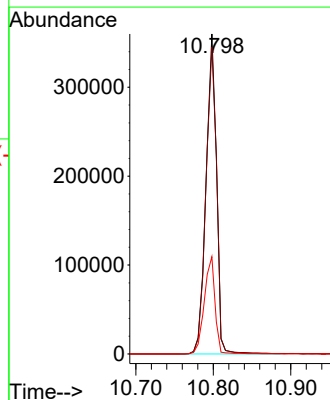
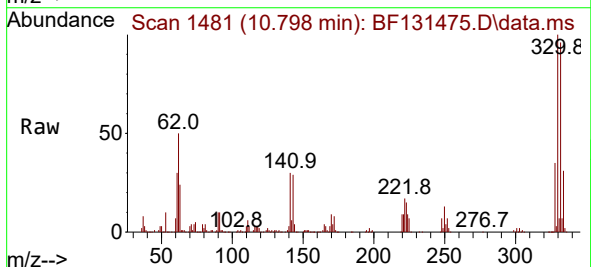
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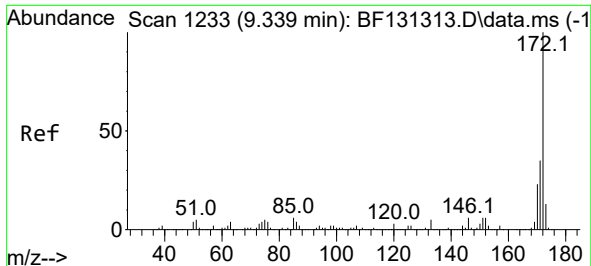
Tgt Ion:164 Resp: 235150
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 43.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 171.134 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Tgt Ion:330 Resp: 338561
Ion Ratio Lower Upper
330 100
332 98.4 77.5 116.3
141 31.3 29.3 43.9

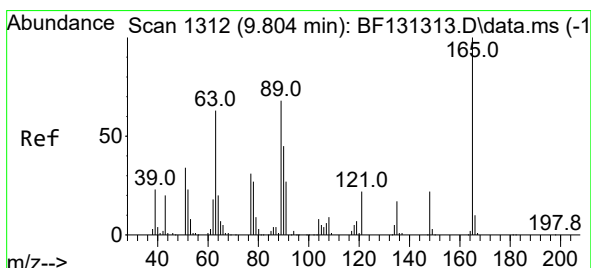
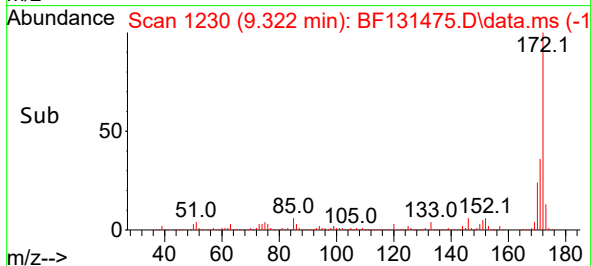
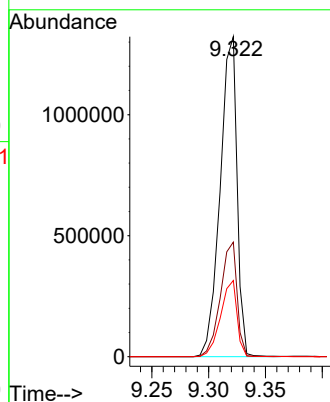
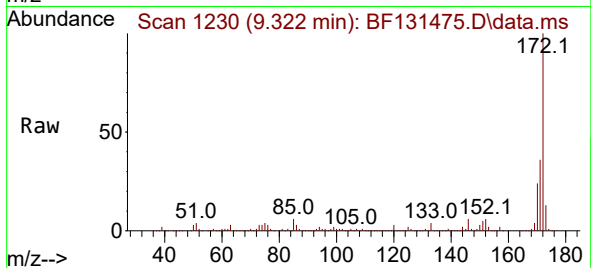




#45
2-Fluorobiphenyl
Concen: 84.935 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

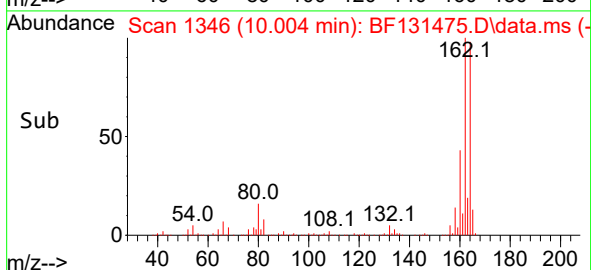
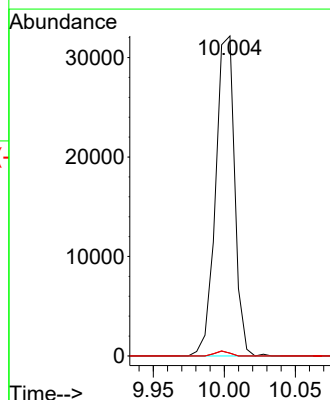
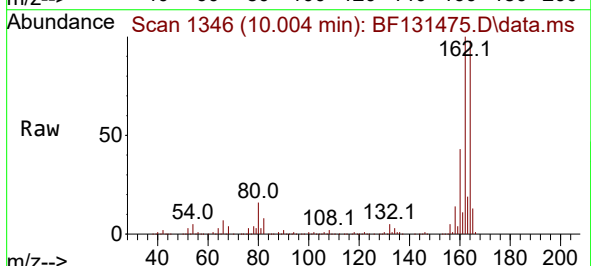
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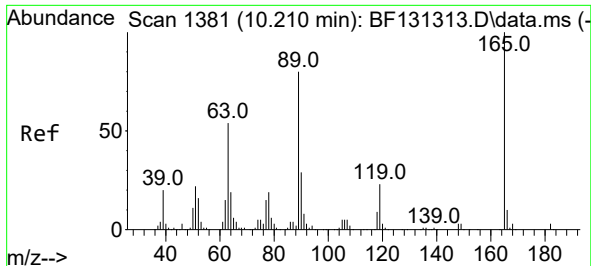
Tgt Ion:172 Resp: 1372845
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.8 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.161 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.218 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Tgt Ion:165 Resp: 30015
Ion Ratio Lower Upper
165 100
63 0.9 62.0 93.0#
89 0.8 54.4 81.6#

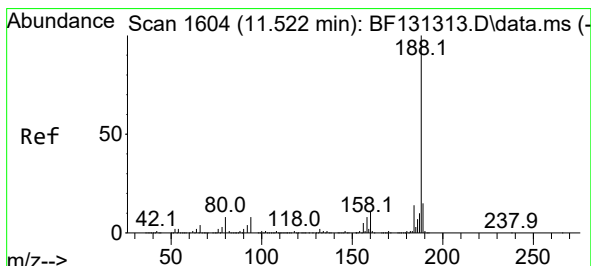
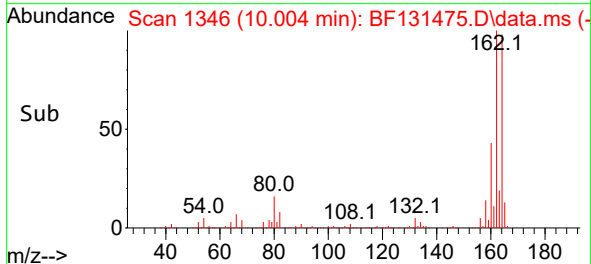
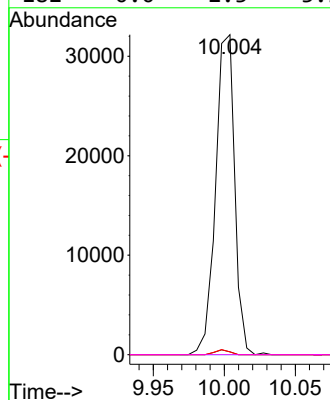
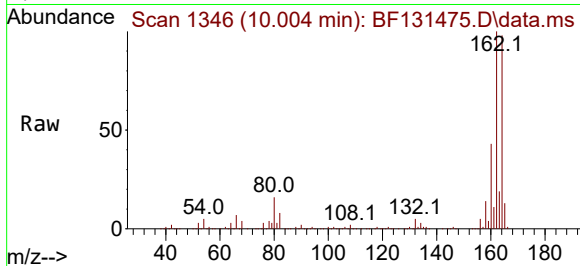




#57
2,4-Dinitrotoluene
Concen: 7.281 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

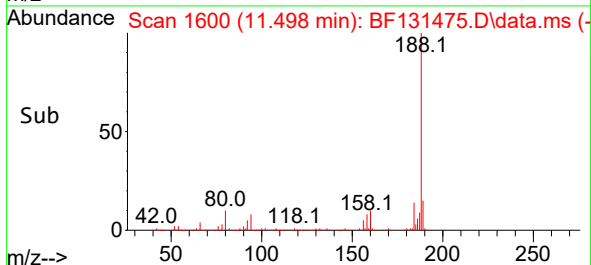
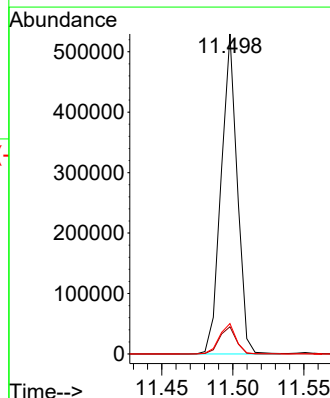
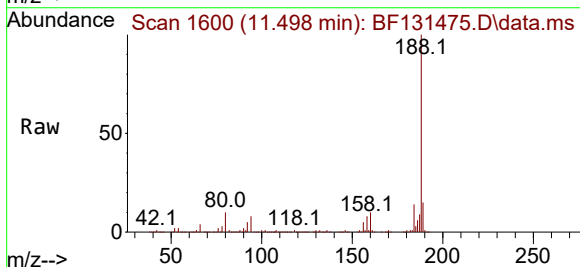
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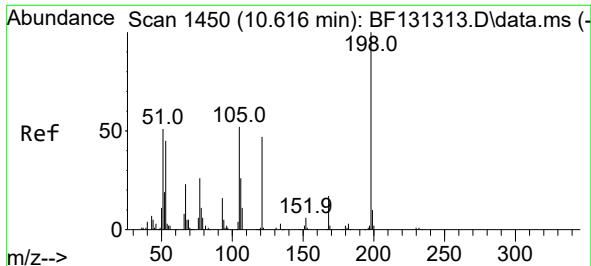
Tgt Ion:165 Resp: 30015
Ion Ratio Lower Upper
165 100
63 0.9 43.4 65.2#
89 0.8 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Tgt Ion:188 Resp: 416980
Ion Ratio Lower Upper
188 100
94 8.5 6.3 9.5
80 9.5 6.8 10.2

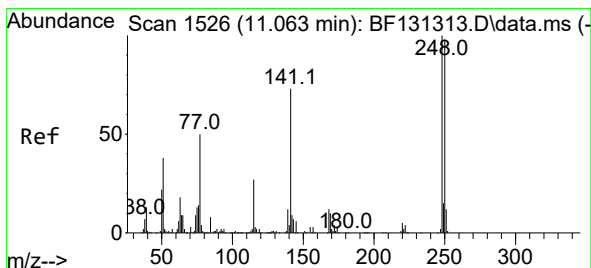
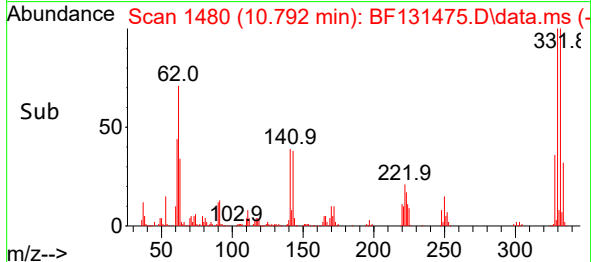
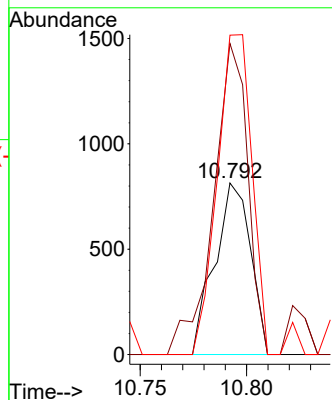
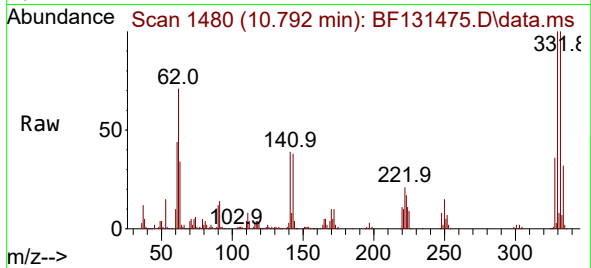




#65
4,6-Dinitro-2-methylphenol
Concen: 5.171 ng
RT: 10.792 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

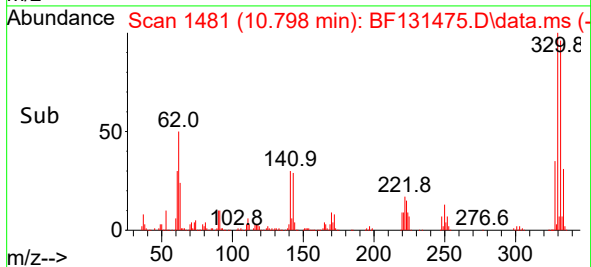
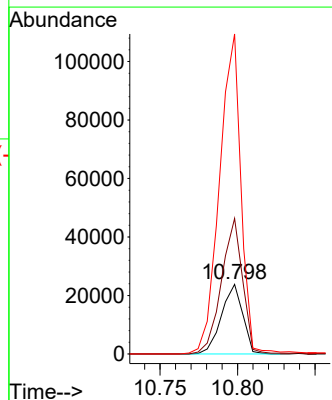
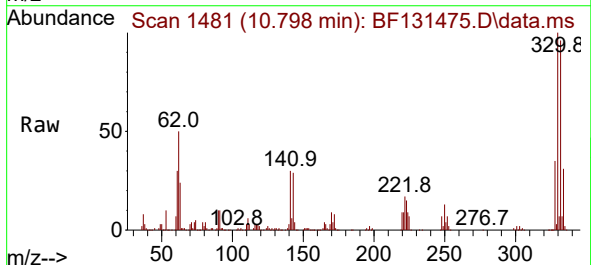
Instrument :
BNA_F
ClientSampleId :
COMP-3

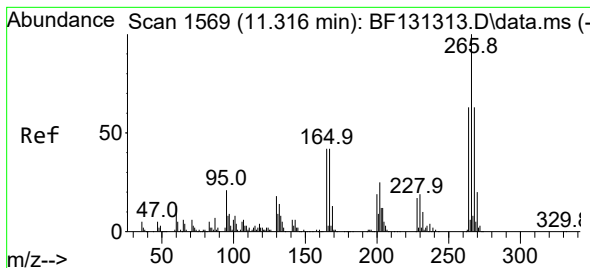
Tgt Ion:198 Resp: 953
Ion Ratio Lower Upper
198 100
51 181.3 50.1 90.1#
105 186.2 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.450 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.241 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Tgt Ion:248 Resp: 22744
Ion Ratio Lower Upper
248 100
250 194.5 78.3 117.5#
141 459.2 58.0 87.0#





#70

Pentachlorophenol

Concen: 4.913 ng

RT: 11.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131475.D

Acq: 30 Nov 2022 17:14

Instrument :

BNA_F

ClientSampleId :

COMP-3

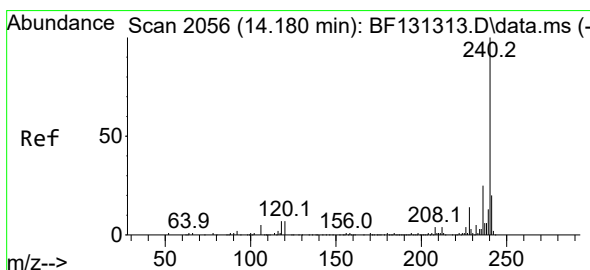
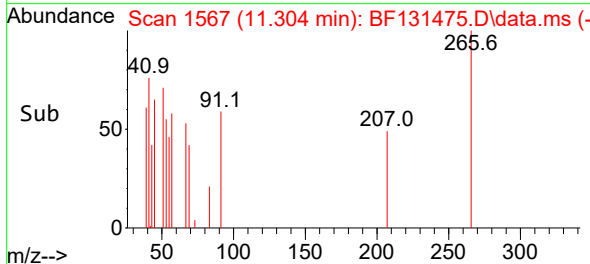
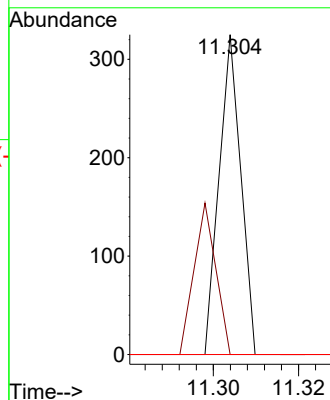
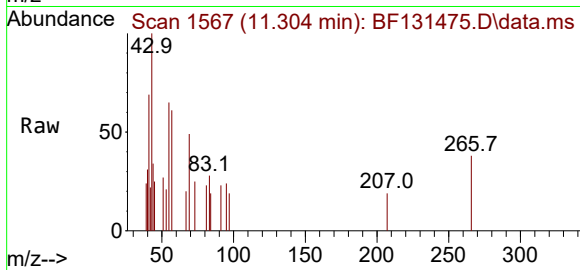
Tgt Ion:266 Resp: 115

Ion Ratio Lower Upper

266 100

268 0.0 50.6 75.8#

264 0.0 50.4 75.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF131475.D

Acq: 30 Nov 2022 17:14

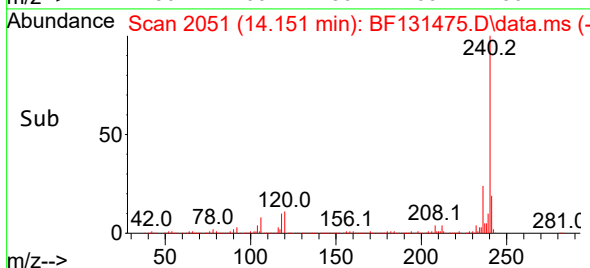
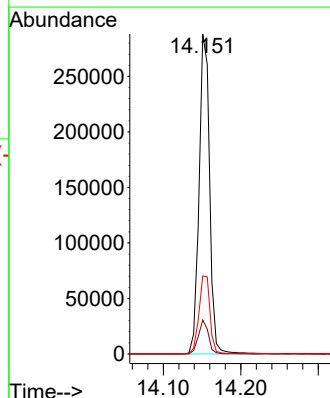
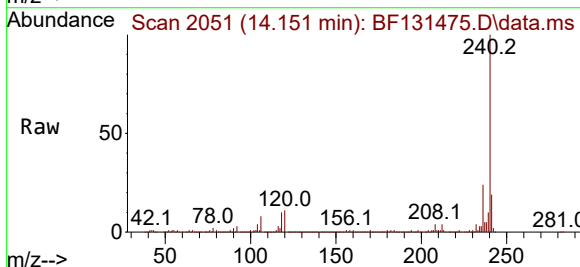
Tgt Ion:240 Resp: 271806

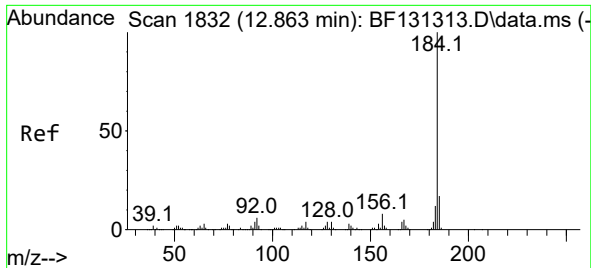
Ion Ratio Lower Upper

240 100

120 10.6 5.8 8.8#

236 24.4 20.3 30.5

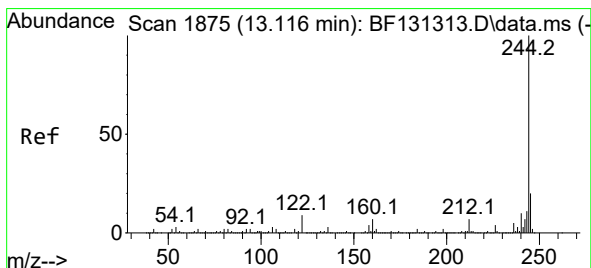
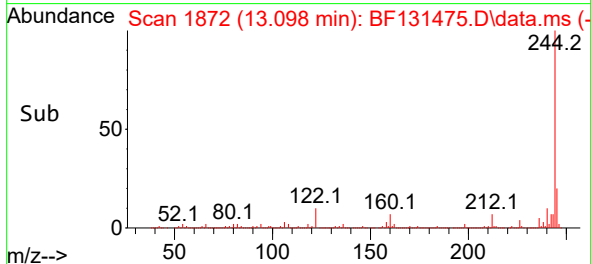
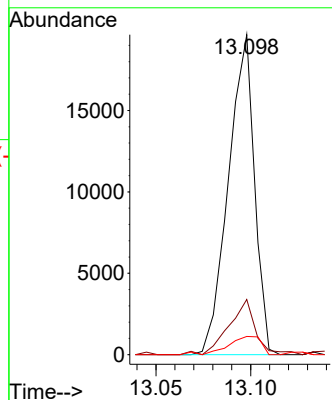
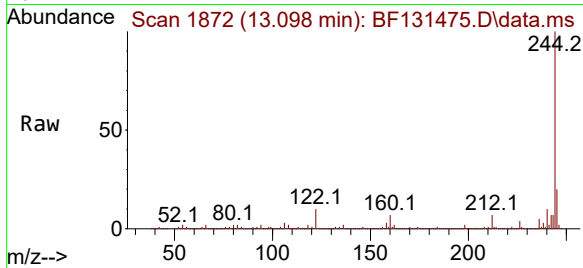




#77
Benzidine
Concen: 3.745 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.253 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

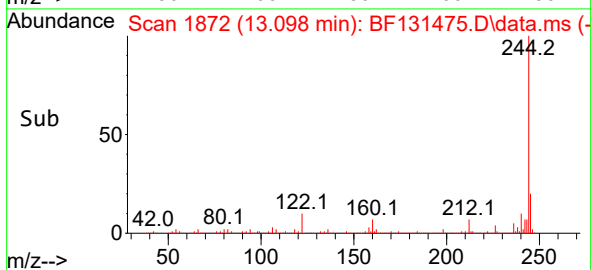
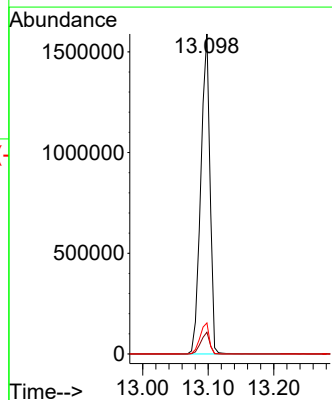
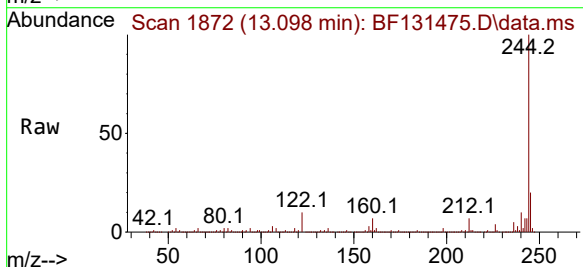
Instrument :
BNA_F
ClientSampleId :
COMP-3

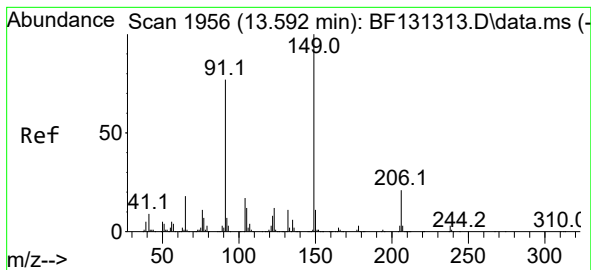
Tgt Ion:184 Resp: 18802
Ion Ratio Lower Upper
184 100
185 17.2 13.8 20.8
183 5.7 9.6 14.4#



#79
Terphenyl-d14
Concen: 93.003 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Tgt Ion:244 Resp: 1545848
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.7 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.360 ng

RT: 13.568 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BF131475.D

Acq: 30 Nov 2022 17:14

Instrument :

BNA_F

ClientSampleId :

COMP-3

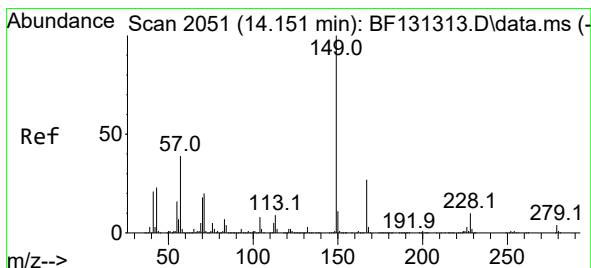
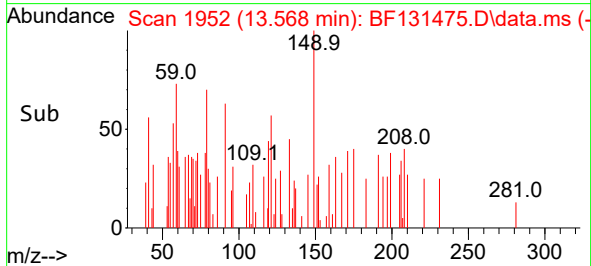
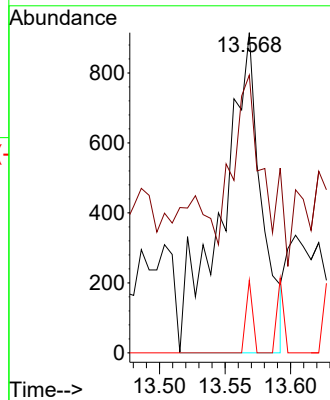
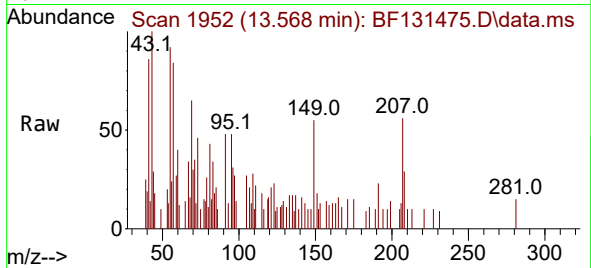
Tgt Ion:149 Resp: 1909

Ion Ratio Lower Upper

149 100

91 86.8 61.9 92.9

206 22.6 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.863 ng

RT: 14.127 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BF131475.D

Acq: 30 Nov 2022 17:14

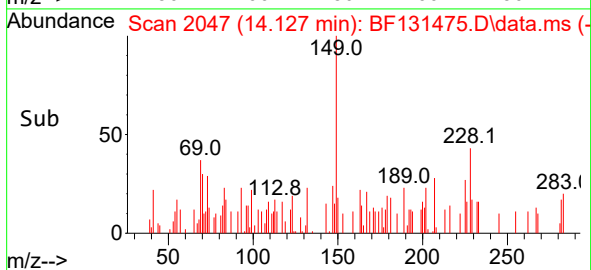
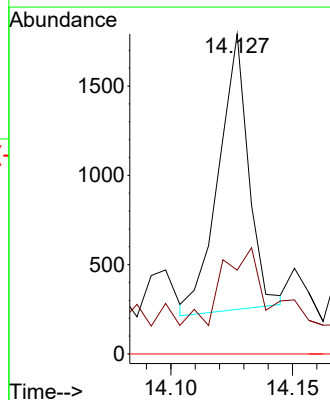
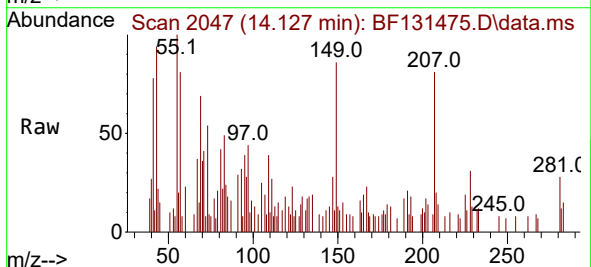
Tgt Ion:149 Resp: 1320

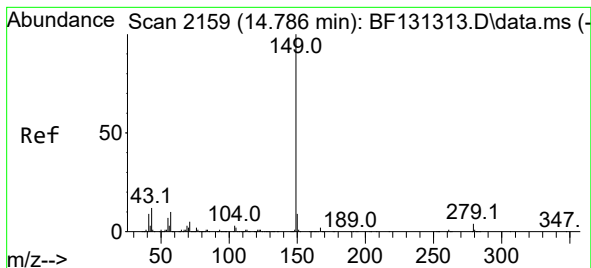
Ion Ratio Lower Upper

149 100

167 26.2 21.9 32.9

279 0.0 3.0 4.4#

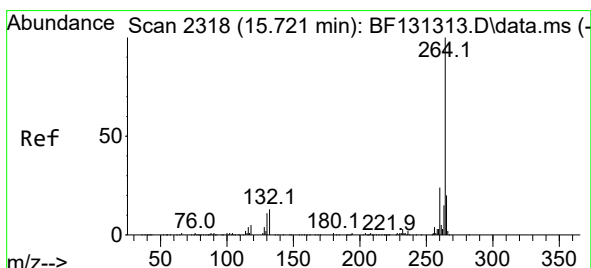
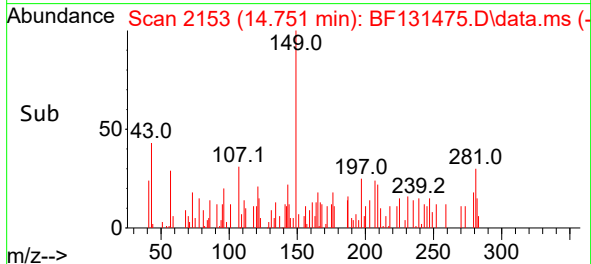
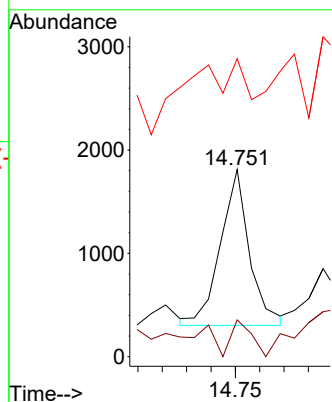
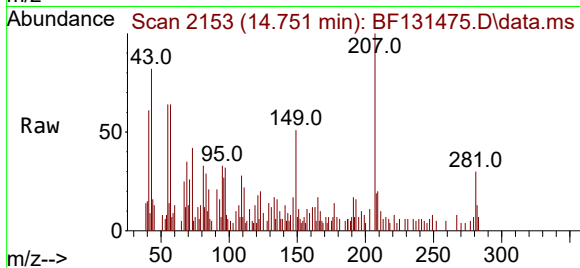




#85
Di-n-octyl phthalate
Concen: 3.995 ng
RT: 14.751 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:149 Resp: 1249
Ion Ratio Lower Upper
149 100
167 16.3 1.2 1.8#
43 99.7 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2312
Delta R.T. -0.006 min
Lab File: BF131475.D
Acq: 30 Nov 2022 17:14

Tgt Ion:264 Resp: 224387
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.8 16.4 24.6

