

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131695.D
 Acq On : 19 Dec 2022 18:33
 Operator : CG\JU
 Sample : N6087-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-15-2022-HOWE-AVE

Quant Time: Dec 20 01:05:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

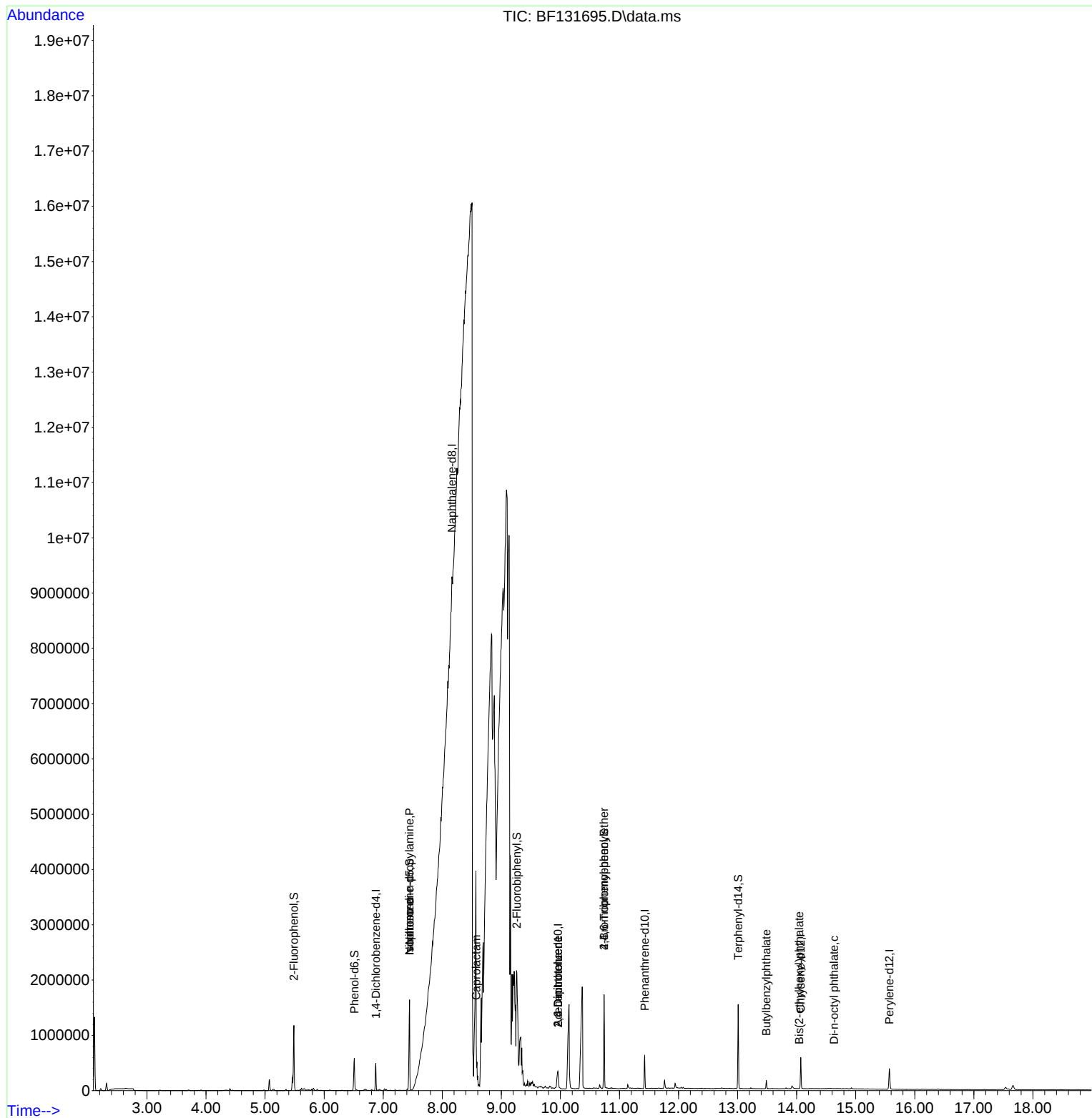
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	64759	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	190436	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	114742	20.000	ng	0.03
64) Phenanthrene-d10	11.428	188	208232	20.000	ng	0.00
76) Chrysene-d12	14.069	240	142118	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	171020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	283137	72.940	ng	0.00
7) Phenol-d6	6.510	99	226368	44.501	ng	0.00
23) Nitrobenzene-d5	7.445	82	541471	107.497	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	182696	143.311	ng	0.02
45) 2-Fluorobiphenyl	9.263	172	831068	91.324	ng	0.02
79) Terphenyl-d14	13.010	244	466171	44.984	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	75431	19.776	ng	# 75
25) Isophorone	7.445	82	540176	66.577	ng	# 69
35) Caprolactam	8.575	113	30996	36.494	ng	# 35
51) 2,6-Dinitrotoluene	9.957	165	15086	8.354	ng	# 11
57) 2,4-Dinitrotoluene	9.957	165	15086	6.298	ng	# 17
67) 4-Bromophenyl-phenylether	10.739	248	12566	4.691	ng	# 1
80) Butylbenzylphthalate	13.486	149	29019	7.156	ng	96
84) Bis(2-ethylhexyl)phtha...	14.045	149	2019	3.374	ng	# 62
85) Di-n-octyl phthalate	14.633	149	407	5.259	ng	# 1

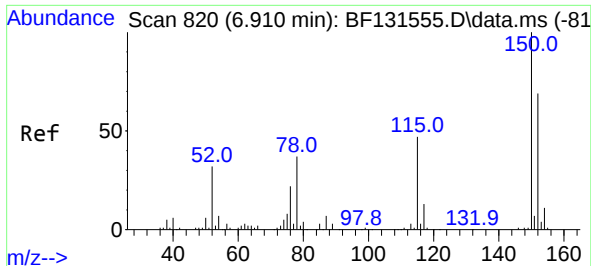
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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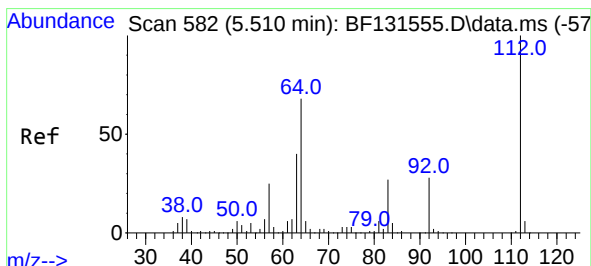
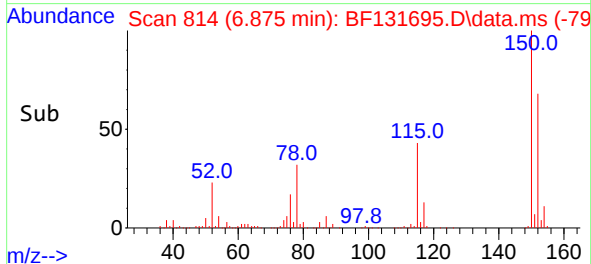
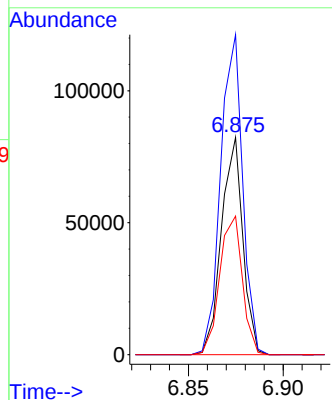
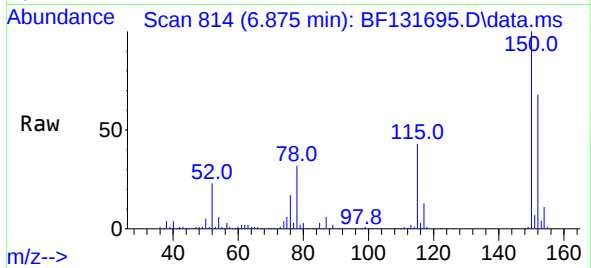




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

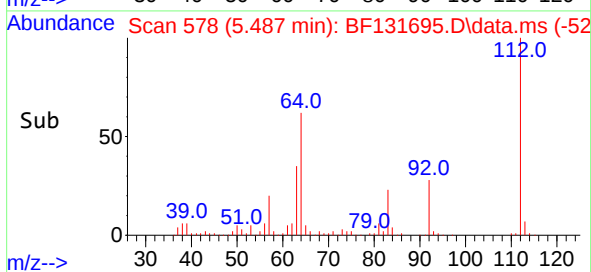
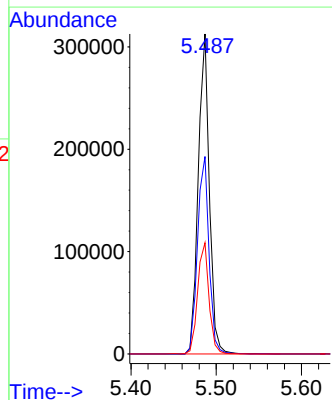
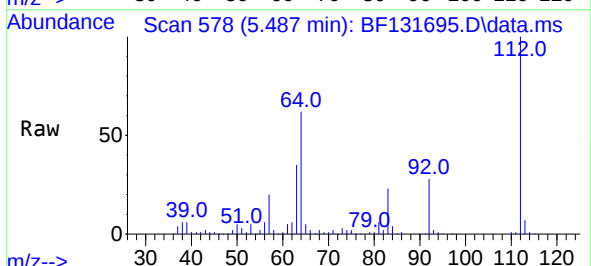
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BNA_F
ClientSampleId :
12-15-2022-HOWE-AVE

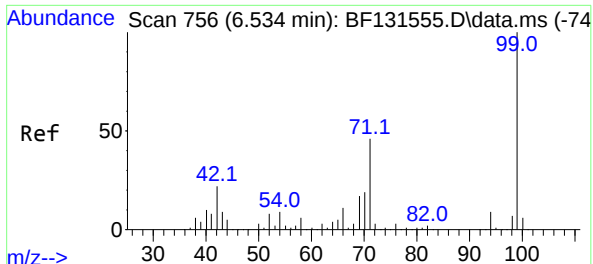
Tgt Ion:152 Resp: 64759
Ion Ratio Lower Upper
152 100
150 147.2 116.7 175.1
115 63.7 54.6 82.0



#5
2-Fluorophenol
Concen: 72.940 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

Tgt Ion:112 Resp: 283137
Ion Ratio Lower Upper
112 100
64 61.7 54.5 81.7
63 34.7 31.9 47.9

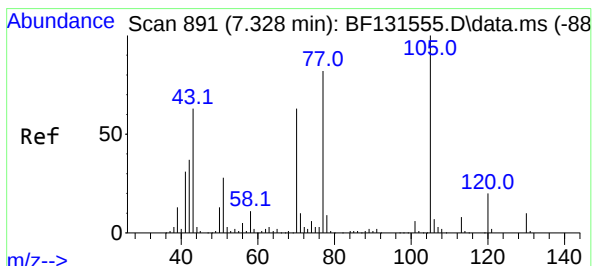
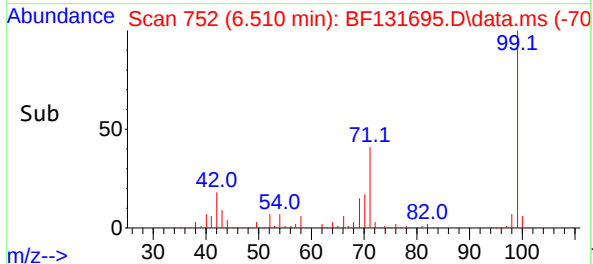
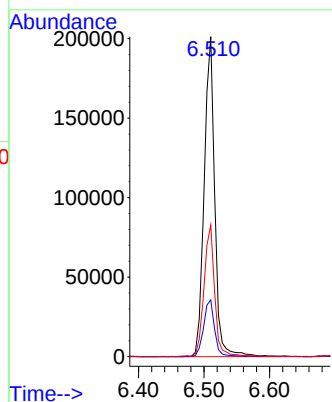
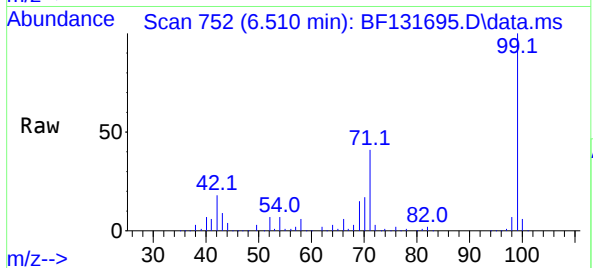




#7
Phenol-d6
Concen: 44.501 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

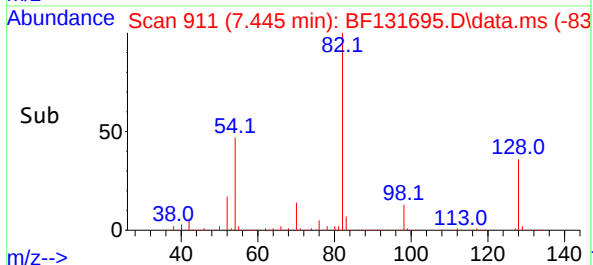
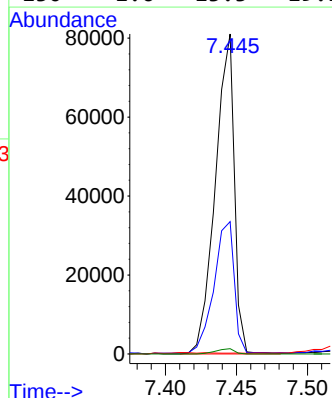
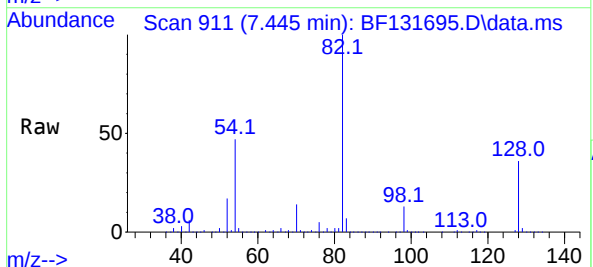
Instrument :
BNA_F
ClientSampleId :
12-15-2022-HOWE-AVE

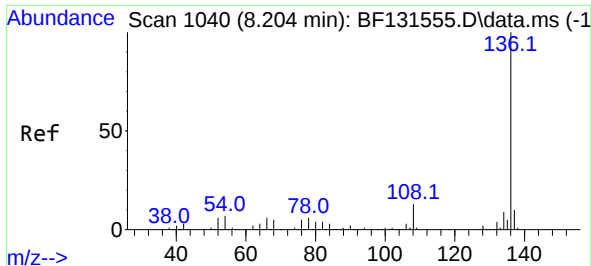
Tgt Ion: 99 Resp: 226368
Ion Ratio Lower Upper
99 100
42 17.8 17.9 26.9#
71 41.2 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.776 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.153 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

Tgt Ion: 70 Resp: 75431
Ion Ratio Lower Upper
70 100
42 41.4 46.4 69.6#
101 0.3 7.2 10.8#
130 1.6 13.3 19.9#



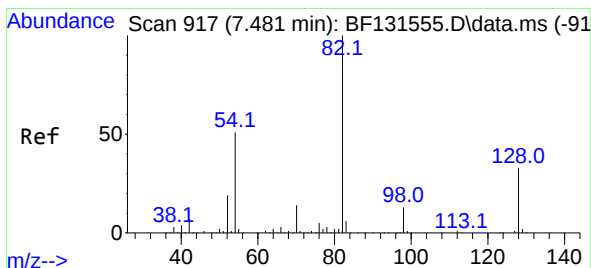
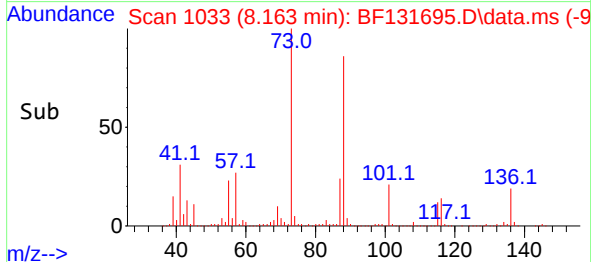
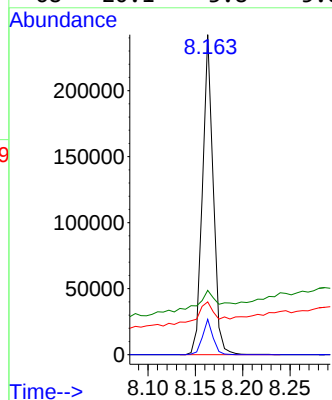
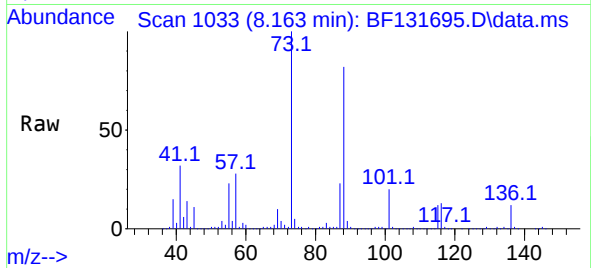


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

Instrument :
BNA_F
ClientSampleId :
12-15-2022-HOWE-AVE

Tgt Ion:136 Resp: 190436

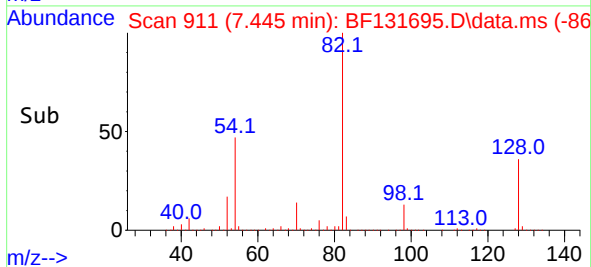
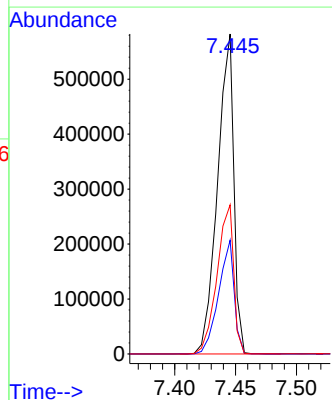
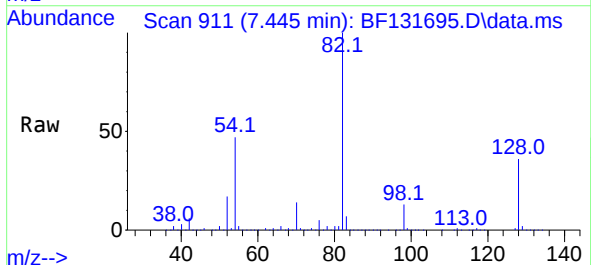
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.1	12.1
54	16.5	6.0	9.0#
68	20.1	3.8	5.8#

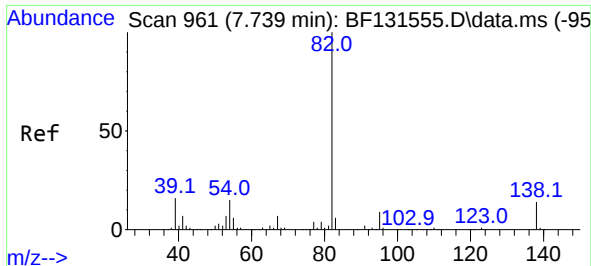


#23
Nitrobenzene-d5
Concen: 107.497 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

Tgt Ion: 82 Resp: 541471

Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.1	39.1
54	46.6	40.6	60.8

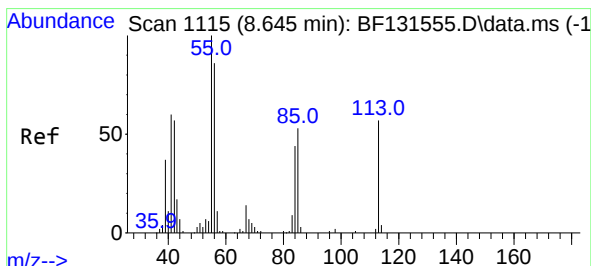
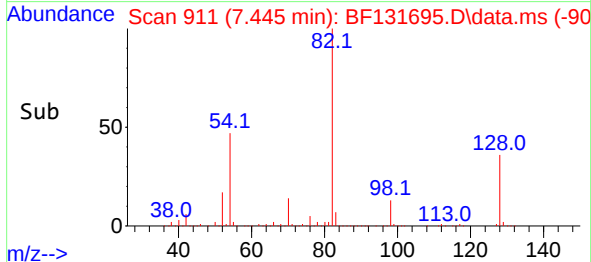
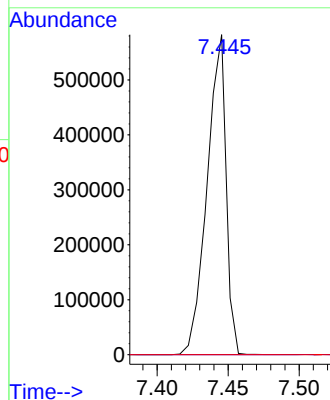
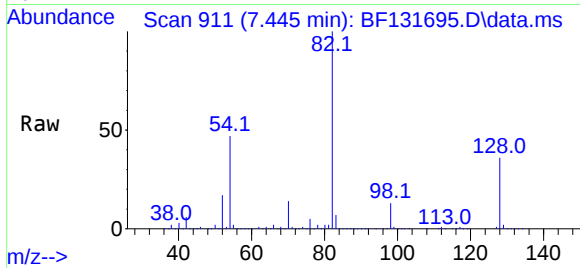




#25
Isophorone
Concen: 66.577 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

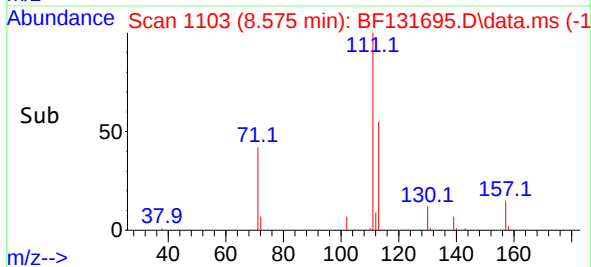
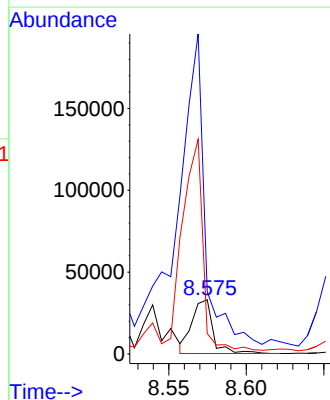
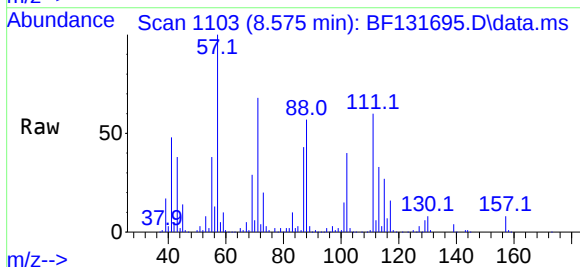
Instrument :
BNA_F
ClientSampleId :
12-15-2022-HOWE-AVE

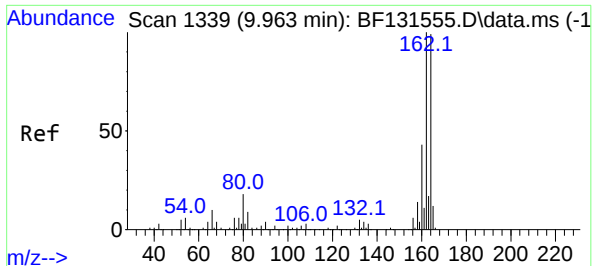
Tgt Ion: 82 Resp: 540176
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#35
Caprolactam
Concen: 36.494 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.029 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

Tgt Ion: 113 Resp: 30996
Ion Ratio Lower Upper
113 100
55 114.7 155.8 195.8#
56 37.7 131.7 171.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.030 min

Lab File: BF131695.D

Acq: 19 Dec 2022 18:33

Instrument :

BNA_F

ClientSampleId :

12-15-2022-HOWE-AVE

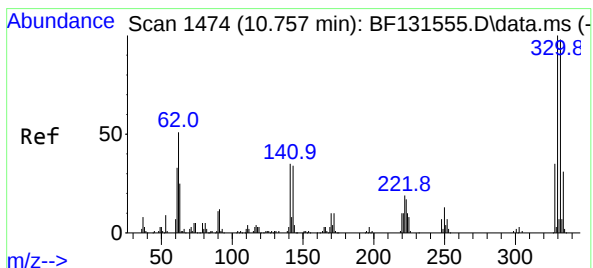
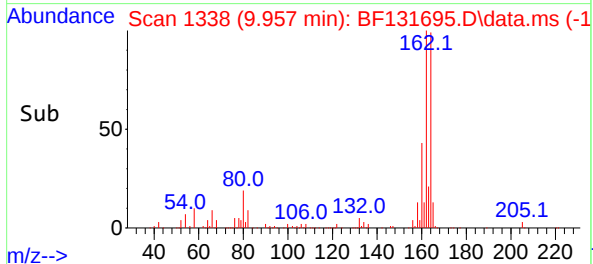
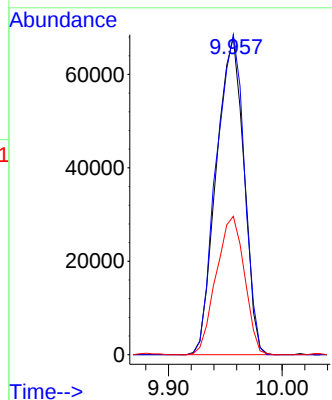
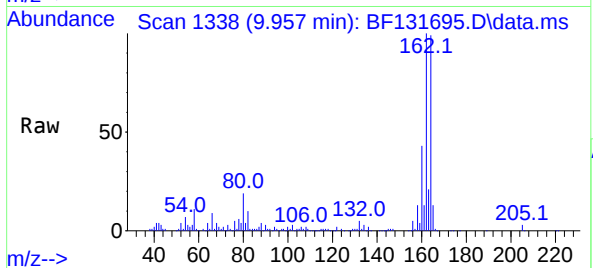
Tgt Ion:164 Resp: 114742

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

160 43.7 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 143.311 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.018 min

Lab File: BF131695.D

Acq: 19 Dec 2022 18:33

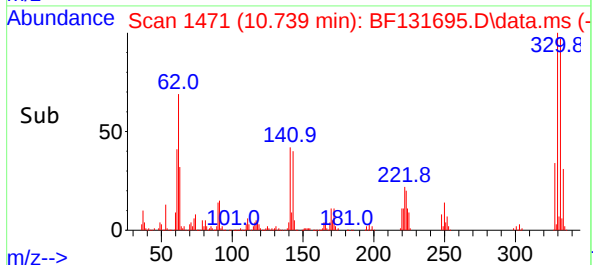
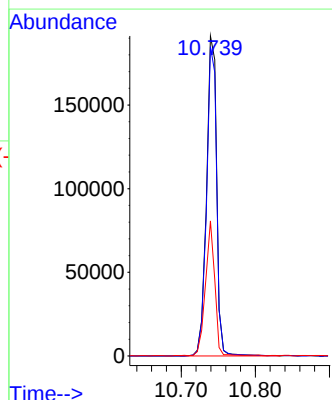
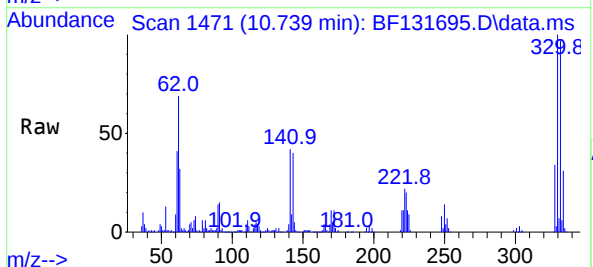
Tgt Ion:330 Resp: 182696

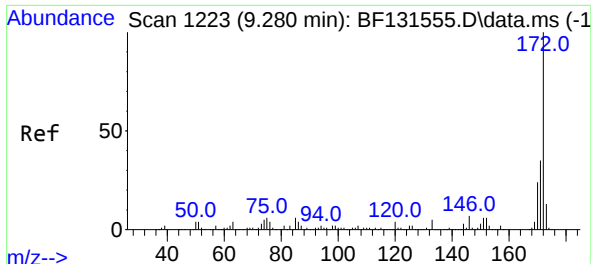
Ion Ratio Lower Upper

330 100

332 96.3 78.3 117.5

141 39.0 32.6 49.0





#45

2-Fluorobiphenyl

Concen: 91.324 ng

RT: 9.263 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF131695.D

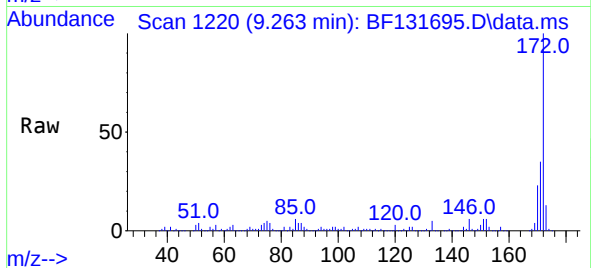
Acq: 19 Dec 2022 18:33

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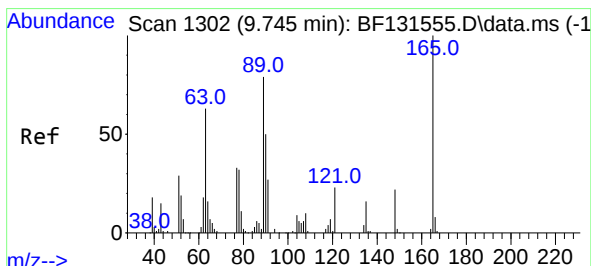
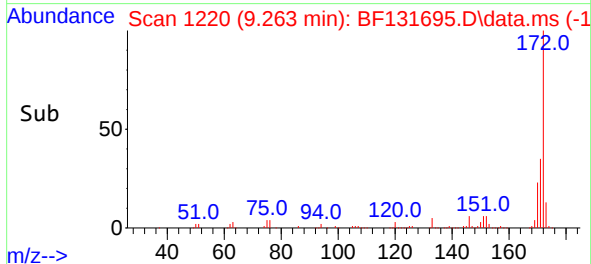
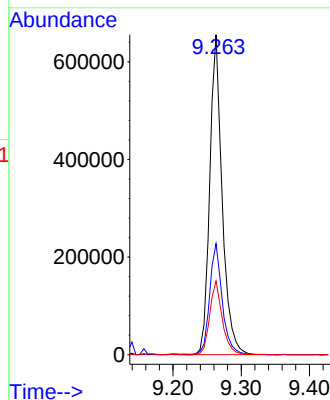
Tgt Ion:172 Resp: 831068

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.0 19.3 28.9



#51

2,6-Dinitrotoluene

Concen: 8.354 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.247 min

Lab File: BF131695.D

Acq: 19 Dec 2022 18:33

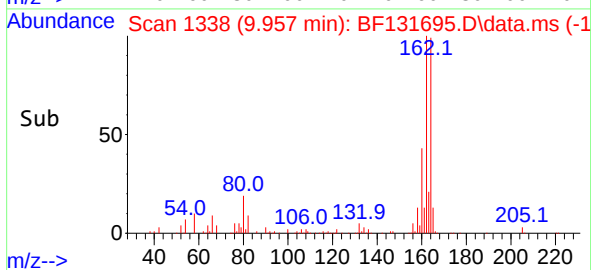
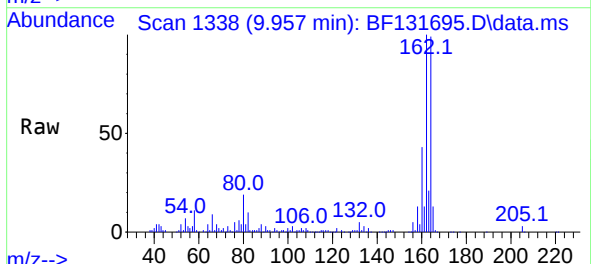
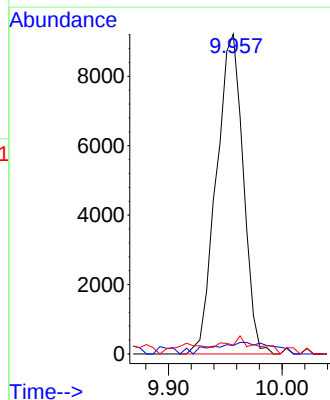
Tgt Ion:165 Resp: 15086

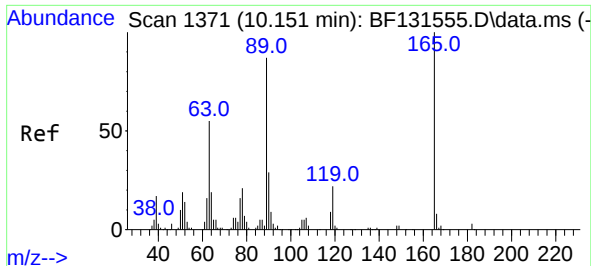
Ion Ratio Lower Upper

165 100

63 2.6 67.9 101.9#

89 2.8 63.2 94.8#

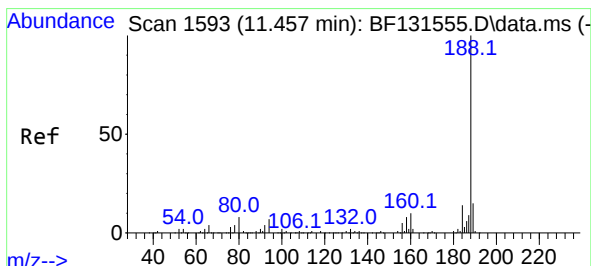
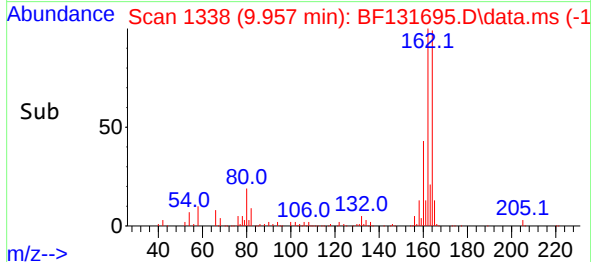
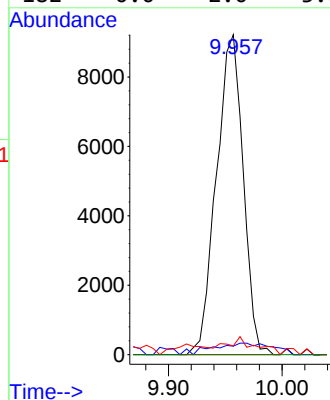
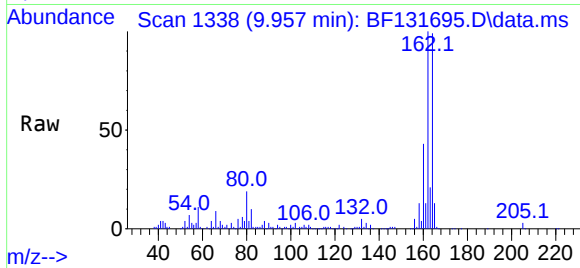




#57
2,4-Dinitrotoluene
Concen: 6.298 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.159 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

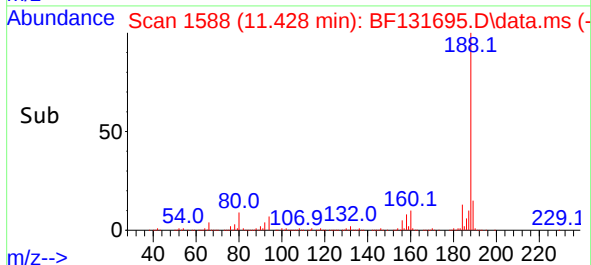
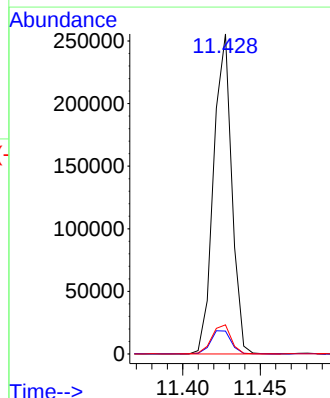
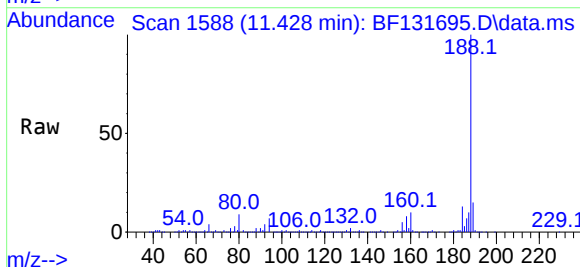
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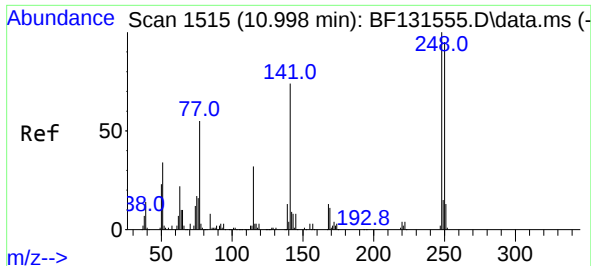
Tgt Ion:165 Resp: 15086
Ion Ratio Lower Upper
165 100
63 2.6 44.4 66.6#
89 2.8 69.6 104.4#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

Tgt Ion:188 Resp: 208232
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 9.1 6.6 10.0

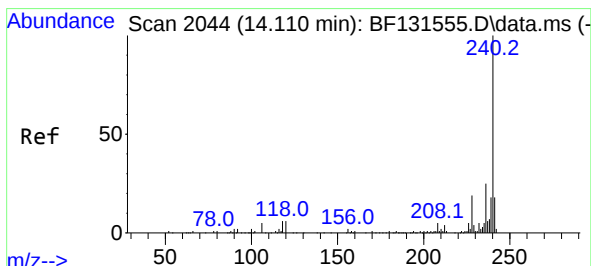
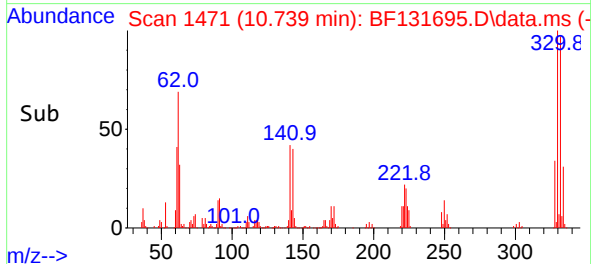
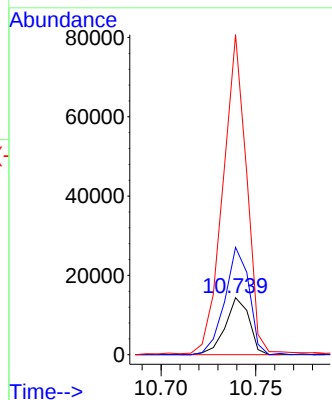
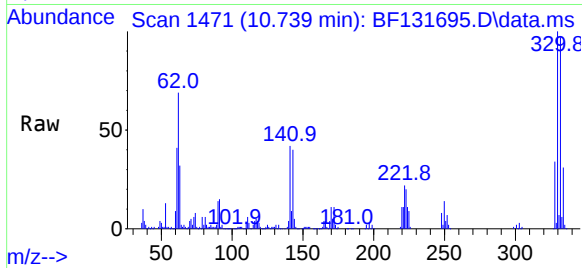




#67
4-Bromophenyl-phenylether
Concen: 4.691 ng
RT: 10.739 min Scan# 14
Delta R.T. -0.223 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

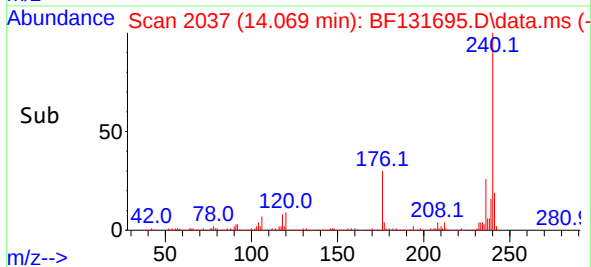
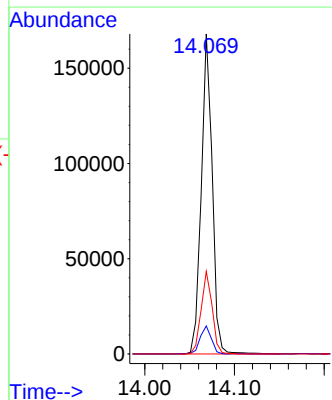
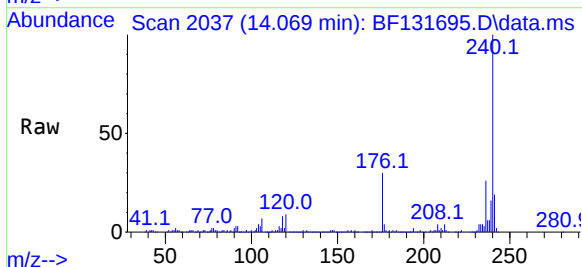
Instrument :
BNA_F
ClientSampleId :
12-15-2022-HOWE-AVE

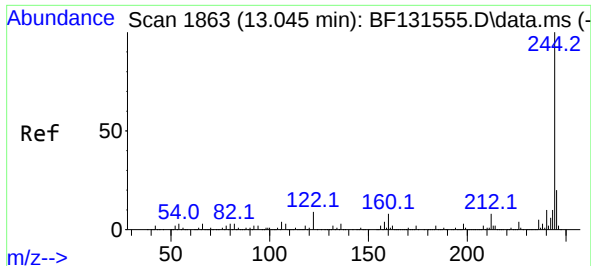
Tgt Ion:248 Resp: 12566
Ion Ratio Lower Upper
248 100
250 188.8 76.2 114.2#
141 562.4 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

Tgt Ion:240 Resp: 142118
Ion Ratio Lower Upper
240 100
120 8.7 4.6 7.0#
236 25.8 20.2 30.2

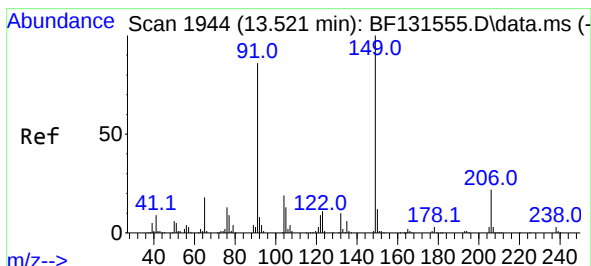
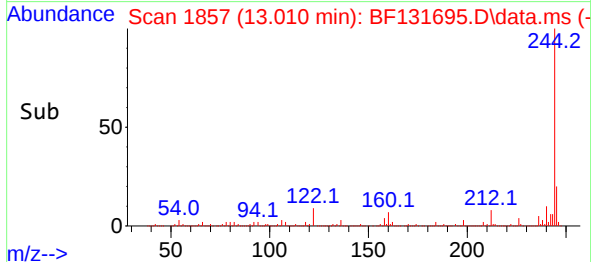
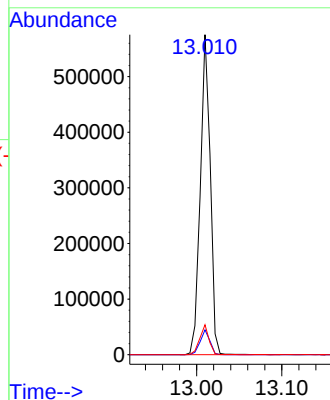
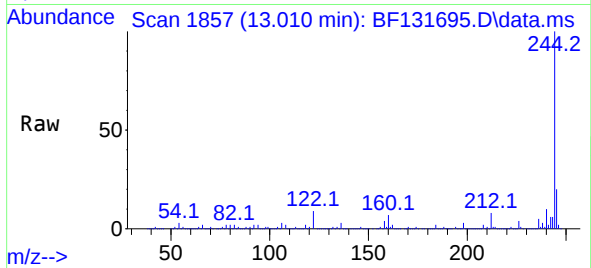




#79
 Terphenyl-d14
 Concen: 44.984 ng
 RT: 13.010 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF131695.D
 Acq: 19 Dec 2022 18:33

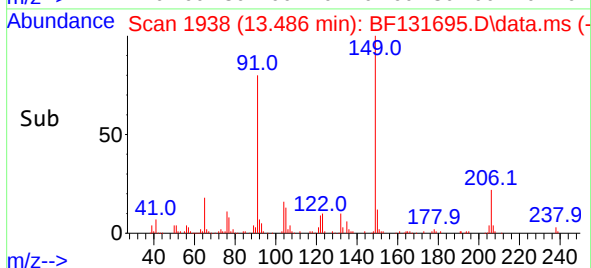
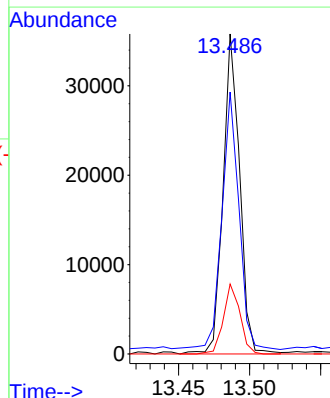
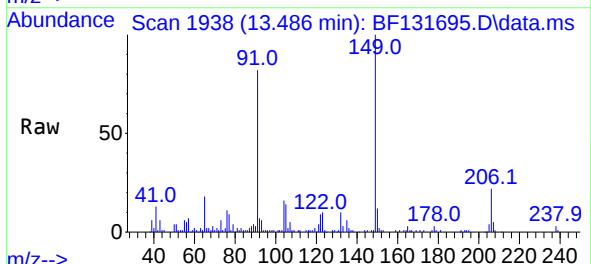
Instrument :
 BNA_F
 ClientSampleId :
 12-15-2022-HOWE-AVE

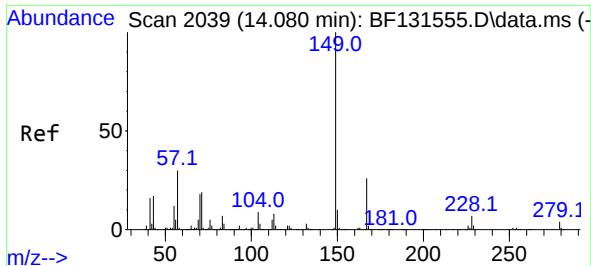
Tgt Ion:244 Resp: 466171
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 7.156 ng
 RT: 13.486 min Scan# 1938
 Delta R.T. -0.006 min
 Lab File: BF131695.D
 Acq: 19 Dec 2022 18:33

Tgt Ion:149 Resp: 29019
 Ion Ratio Lower Upper
 149 100
 91 81.9 69.0 103.4
 206 21.8 17.8 26.8

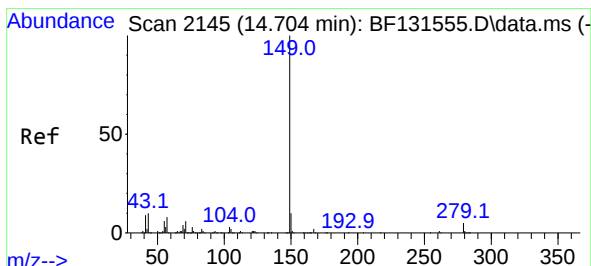
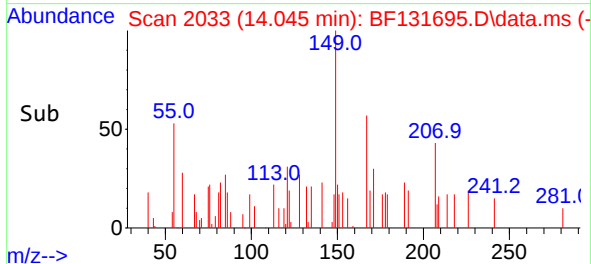
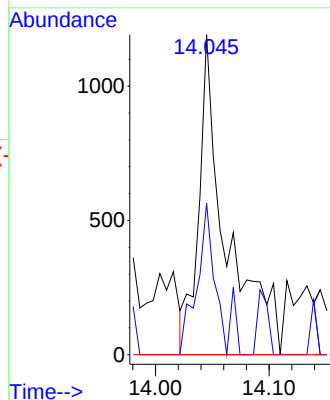
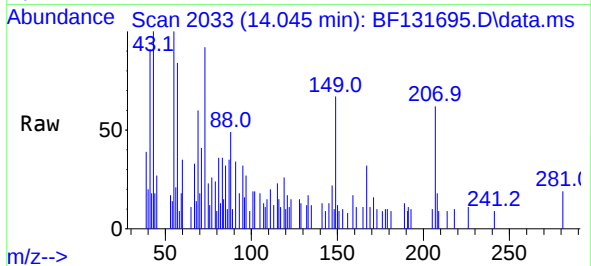




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.374 ng
RT: 14.045 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

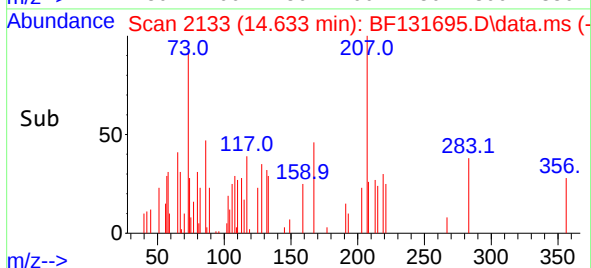
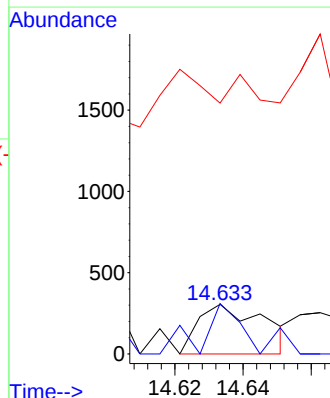
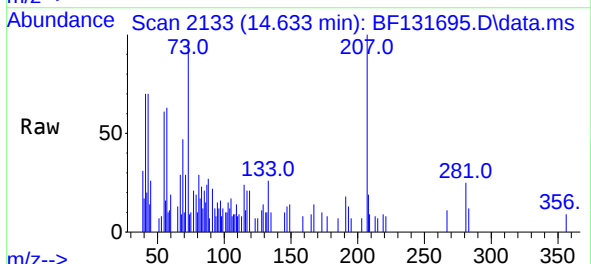
Instrument :
BNA_F
ClientSampleId :
12-15-2022-HOWE-AVE

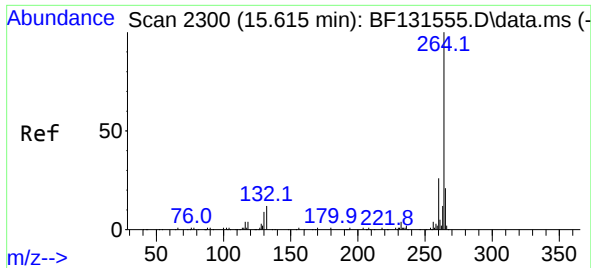
Tgt Ion:149 Resp: 2019
Ion Ratio Lower Upper
149 100
167 47.3 20.8 31.2#
279 0.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 5.259 ng
RT: 14.633 min Scan# 2133
Delta R.T. -0.035 min
Lab File: BF131695.D
Acq: 19 Dec 2022 18:33

Tgt Ion:149 Resp: 407
Ion Ratio Lower Upper
149 100
167 73.0 1.2 1.8#
43 117.9 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131695.D
 Acq: 19 Dec 2022 18:33

Instrument :
 BNA_F
 ClientSampleId :
 12-15-2022-HOWE-AVE

Tgt Ion:264 Resp: 171020
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.6 30.8
 265 21.8 16.8 25.2

