

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131636.D
 Acq On : 14 Dec 2022 23:14
 Operator : CG\JU
 Sample : N5993-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-N5

Quant Time: Dec 15 01:56:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

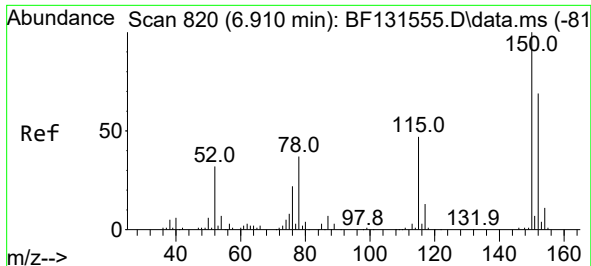
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	73412	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	267466	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	152381	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	284723	20.000	ng	0.00
76) Chrysene-d12	14.074	240	140452	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	141303	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	475970	108.164	ng	0.00
7) Phenol-d6	6.510	99	616892	106.979	ng	-0.01
23) Nitrobenzene-d5	7.445	82	425370	60.127	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	159899	94.447	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	742578	61.444	ng	0.00
79) Terphenyl-d14	13.021	244	767050	74.896	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	59373	13.731	ng	# 75
25) Isophorone	7.445	82	425365	37.328	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	19495	8.129	ng	# 10
57) 2,4-Dinitrotoluene	9.928	165	19495	6.128	ng	# 16
63) Azobenzene	10.651	77	39650	3.119	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	10784	2.944	ng	# 1
77) Benzidine	13.021	184	11842	3.147	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.057	149	591	3.134	ng	# 54
85) Di-n-octyl phthalate	14.668	149	343	5.253	ng	# 15

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

Quant Time: Dec 15 01:56:10 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 03:22:29 2022
Response via : Initial Calibration

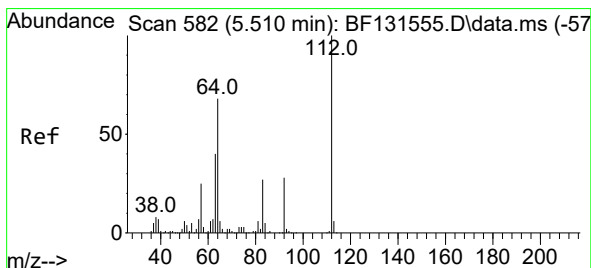
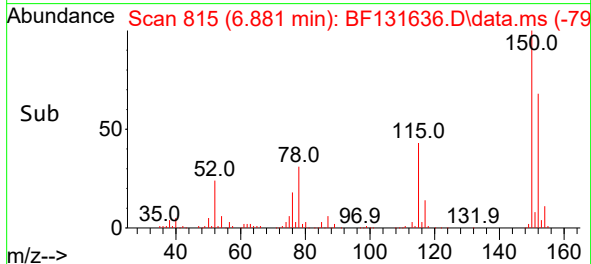
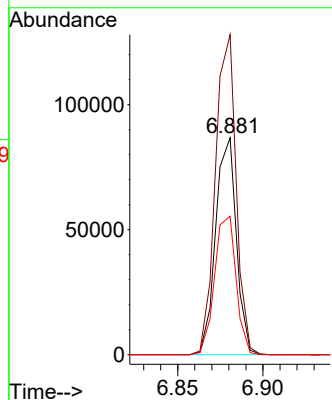
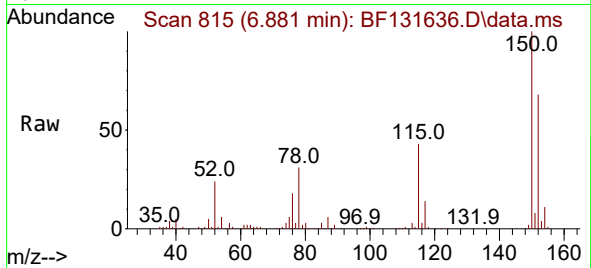




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131636.D
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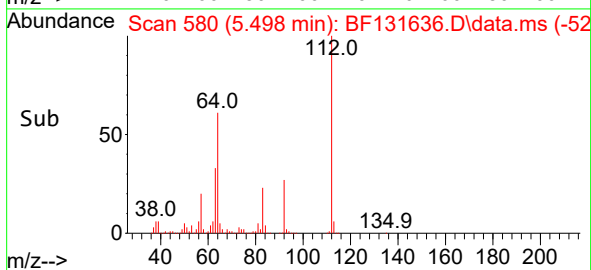
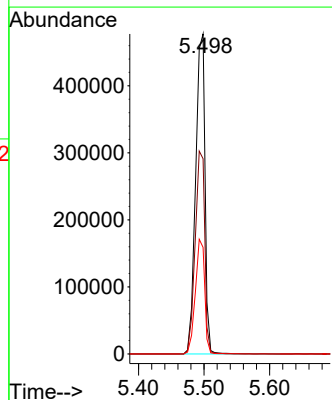
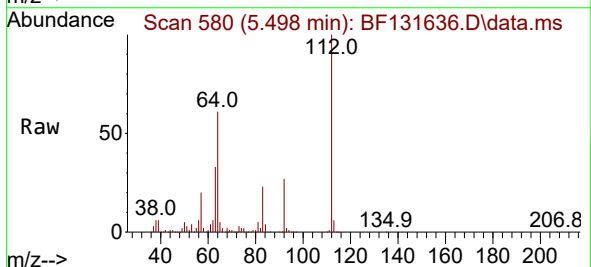
Instrument :
BNA_F
ClientSampleId :
AOC1-N5

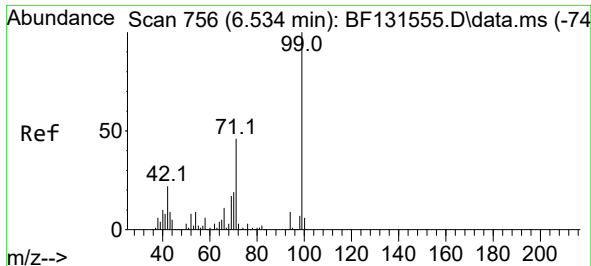
Tgt Ion:152 Resp: 73412
Ion Ratio Lower Upper
152 100
150 147.5 116.7 175.1
115 63.8 54.6 82.0



#5
2-Fluorophenol
Concen: 108.164 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

Tgt Ion:112 Resp: 475970
Ion Ratio Lower Upper
112 100
64 61.0 54.5 81.7
63 33.3 31.9 47.9

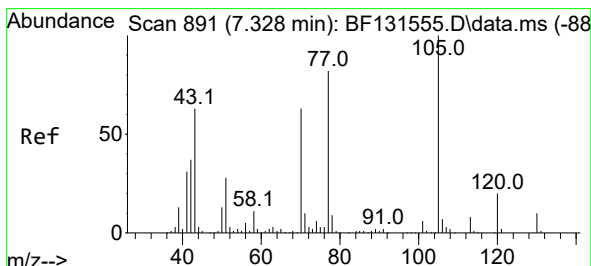
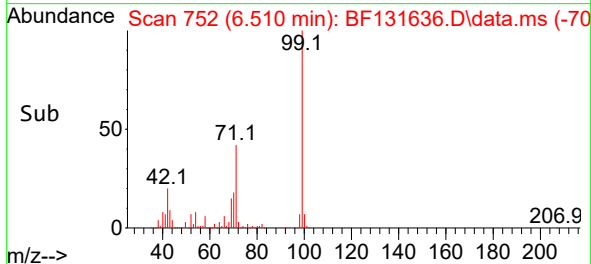
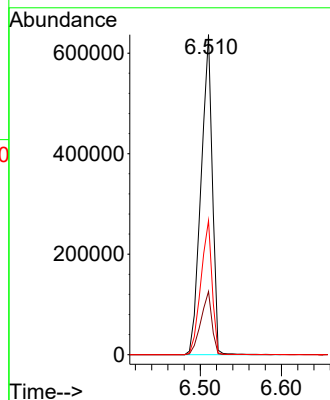
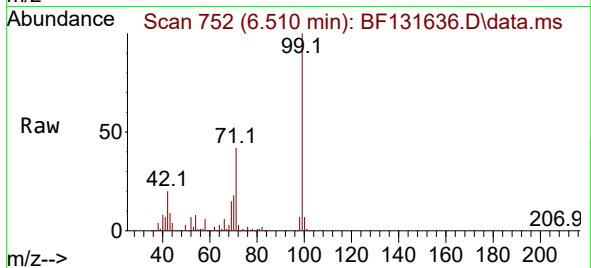




#7
Phenol-d6
Concen: 106.979 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

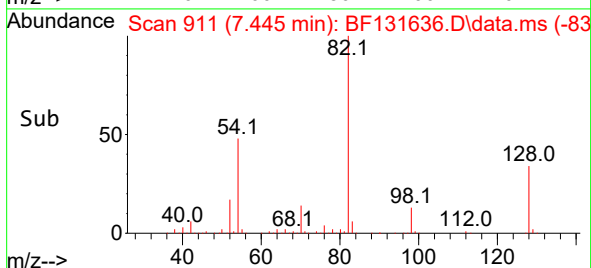
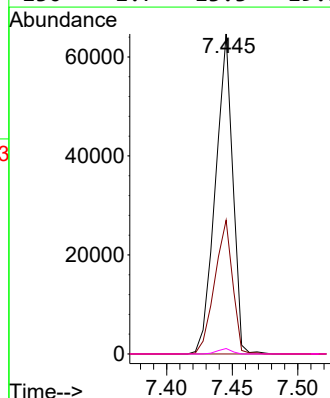
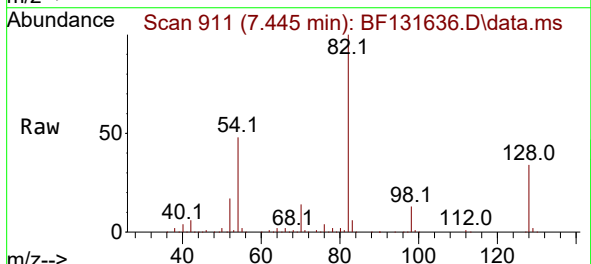
Instrument :
BNA_F
ClientSampleId :
AOC1-N5

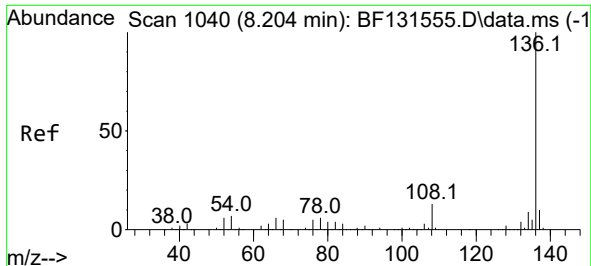
Tgt Ion: 99 Resp: 616892
Ion Ratio Lower Upper
99 100
42 19.8 17.9 26.9
71 41.9 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.731 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

Tgt Ion: 70 Resp: 59373
Ion Ratio Lower Upper
70 100
42 41.8 46.4 69.6#
101 0.0 7.2 10.8#
130 1.7 13.3 19.9#

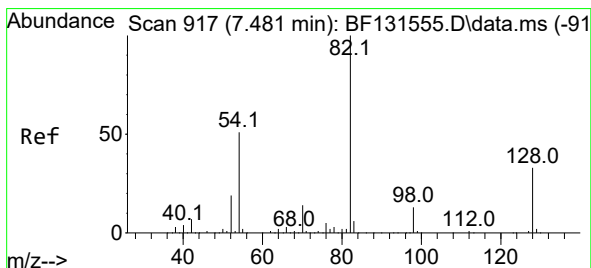
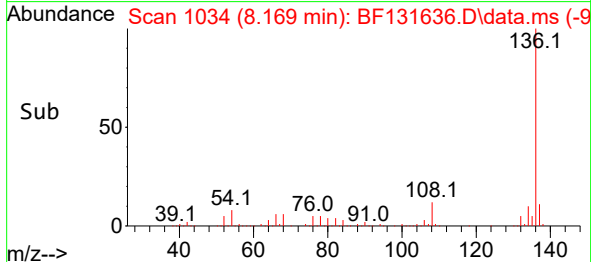
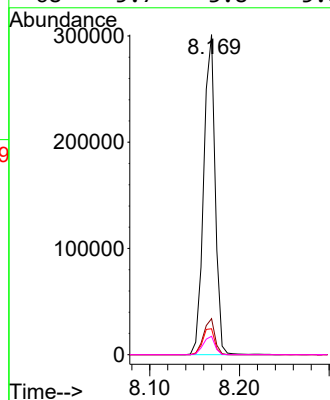
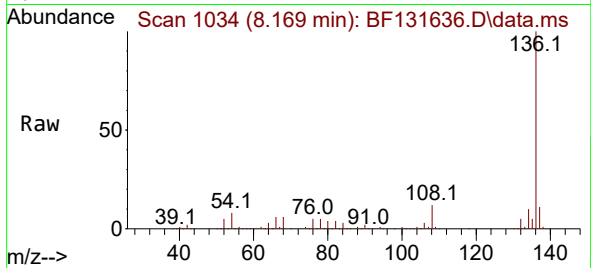




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

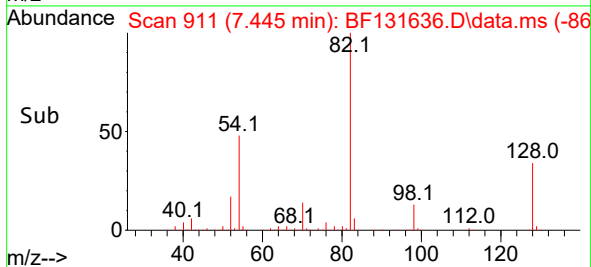
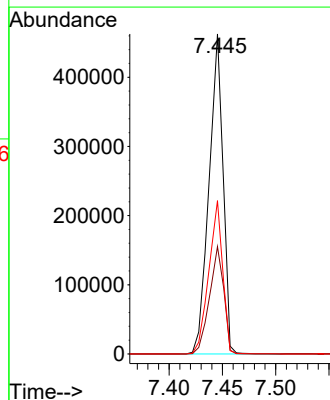
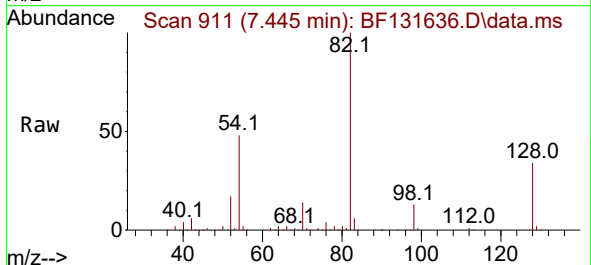
Instrument :
BNA_F
ClientSampleId :
AOC1-N5

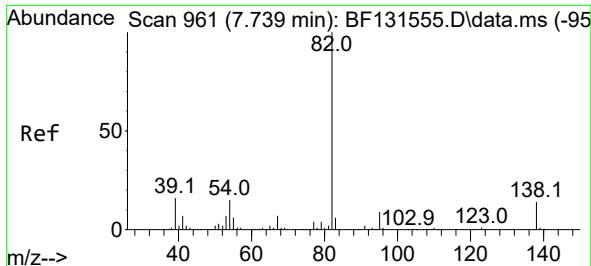
Tgt Ion:136 Resp: 267466
Ion Ratio Lower Upper
136 100
137 11.2 8.1 12.1
54 8.1 6.0 9.0
68 5.7 3.8 5.8



#23
Nitrobenzene-d5
Concen: 60.127 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

Tgt Ion: 82 Resp: 425370
Ion Ratio Lower Upper
82 100
128 33.6 26.1 39.1
54 47.9 40.6 60.8

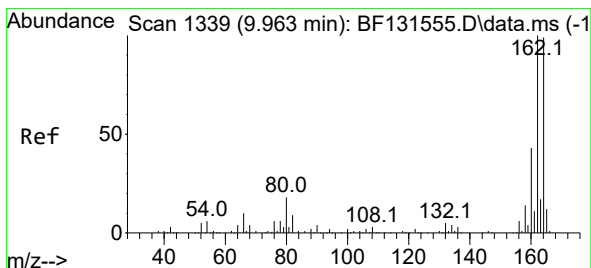
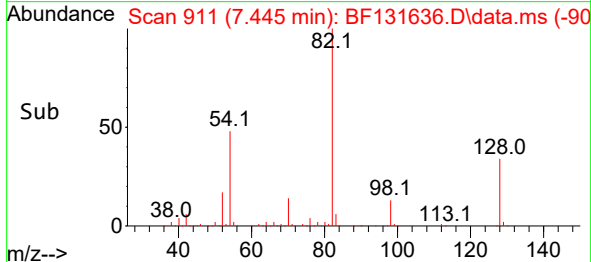
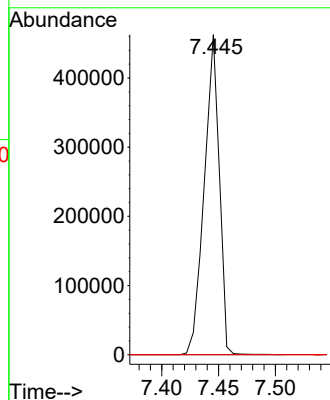
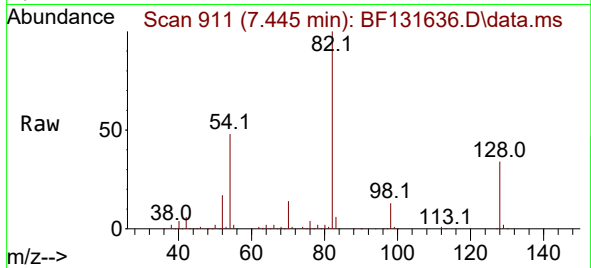




#25
Isophorone
Concen: 37.328 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

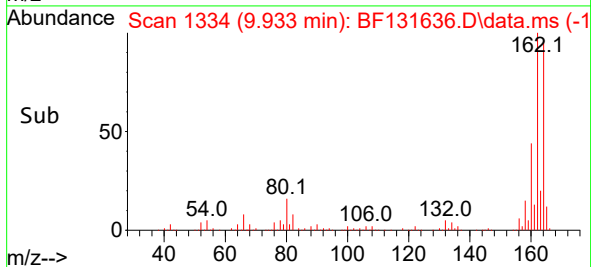
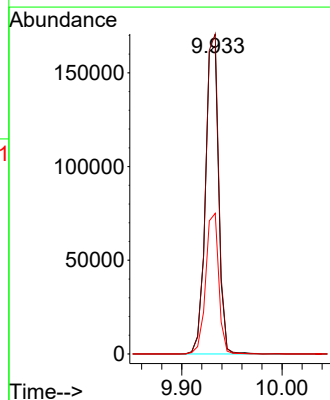
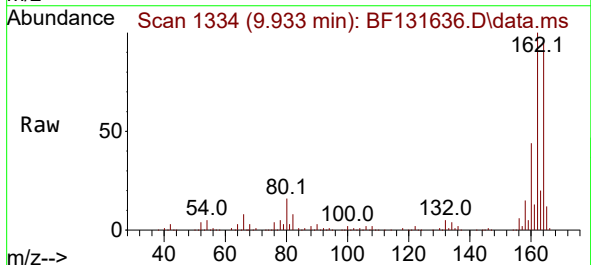
Instrument :
BNA_F
ClientSampleId :
AOC1-N5

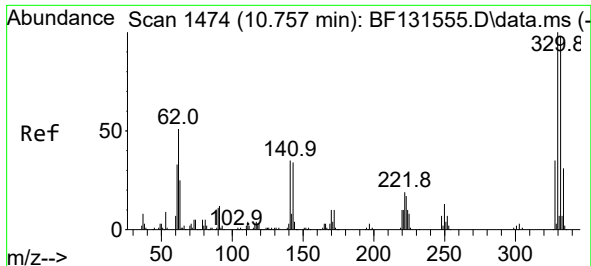
Tgt Ion: 82 Resp: 425365
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

Tgt Ion:164 Resp: 152381
Ion Ratio Lower Upper
164 100
162 103.9 81.0 121.6
160 45.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 94.447 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131636.D

Acq: 14 Dec 2022 23:14

Instrument :

BNA_F

ClientSampleId :

AOC1-N5

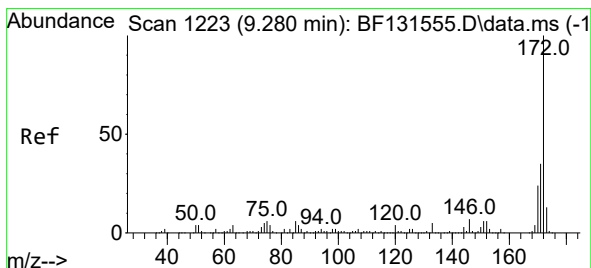
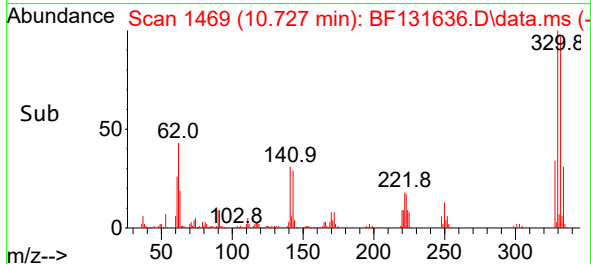
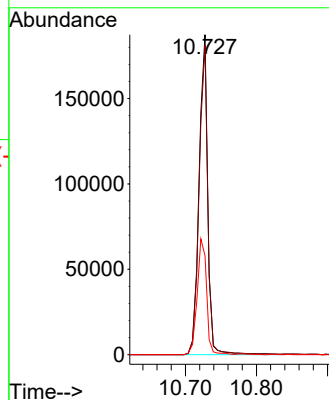
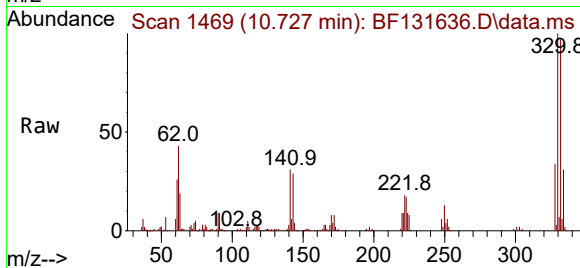
Tgt Ion:330 Resp: 159899

Ion Ratio Lower Upper

330 100

332 96.0 78.3 117.5

141 39.0 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 61.444 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131636.D

Acq: 14 Dec 2022 23:14

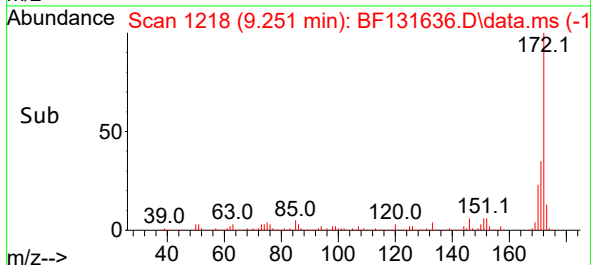
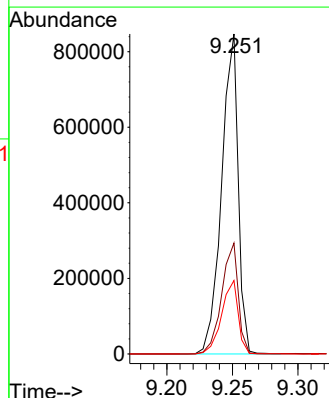
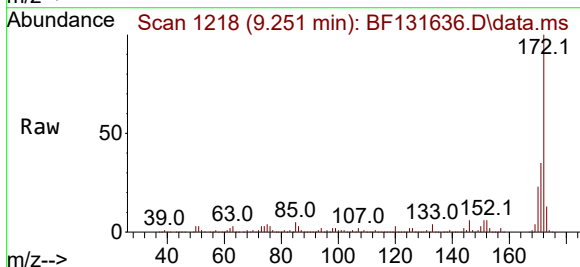
Tgt Ion:172 Resp: 742578

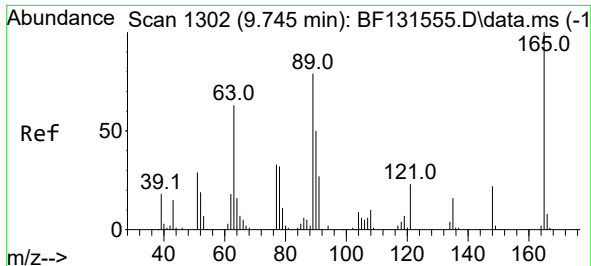
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 22.9 19.3 28.9

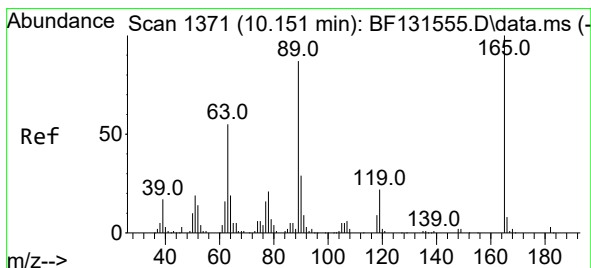
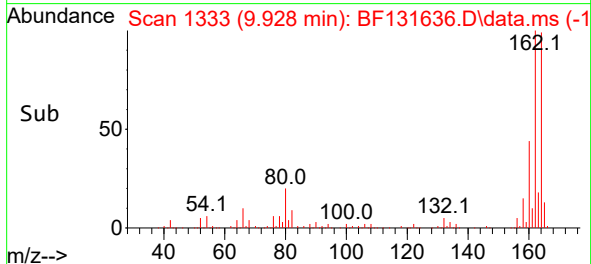
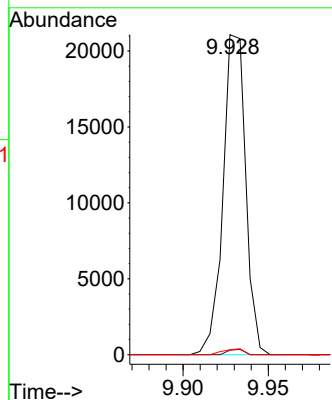
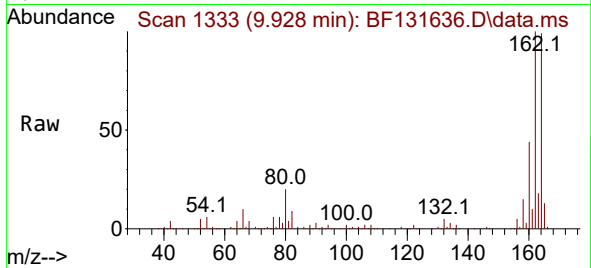




#51
2,6-Dinitrotoluene
Concen: 8.129 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

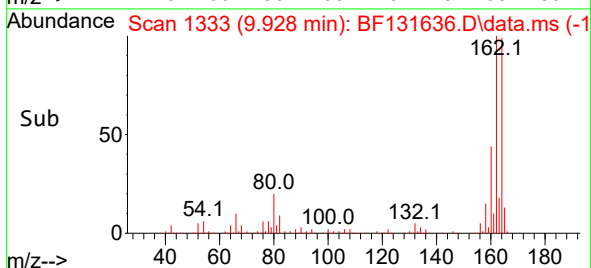
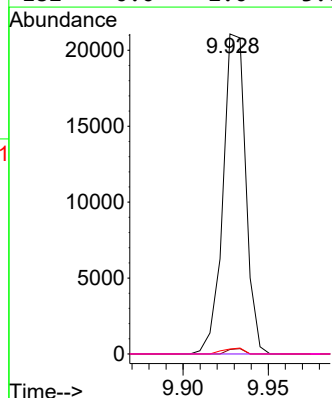
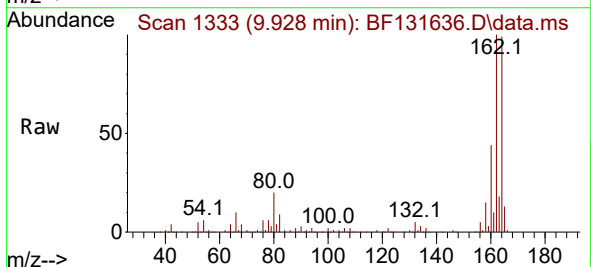
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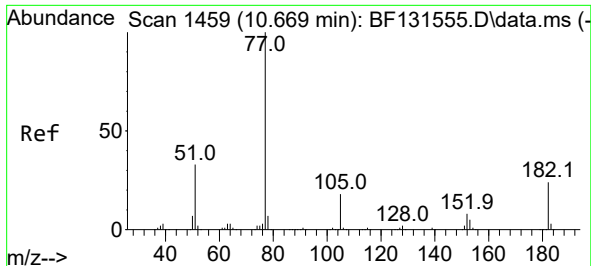
Tgt Ion:165 Resp: 19495
Ion Ratio Lower Upper
165 100
63 1.4 67.9 101.9#
89 1.6 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.128 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

Tgt Ion:165 Resp: 19495
Ion Ratio Lower Upper
165 100
63 1.4 44.4 66.6#
89 1.6 69.6 104.4#
182 0.0 2.0 3.0#

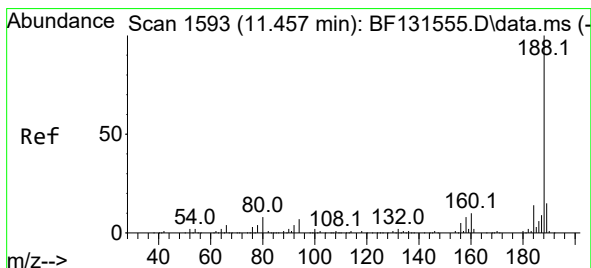
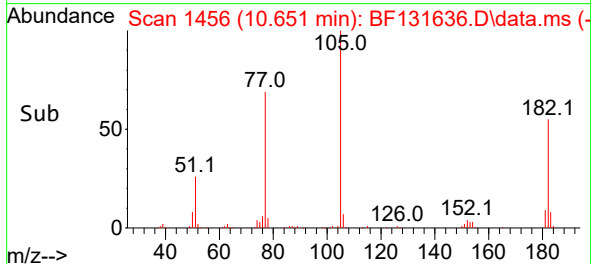
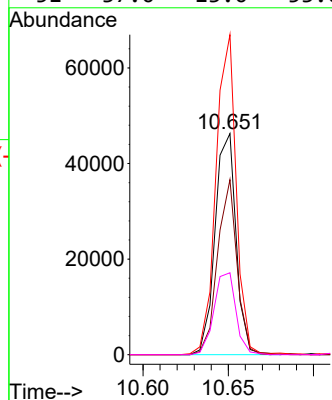
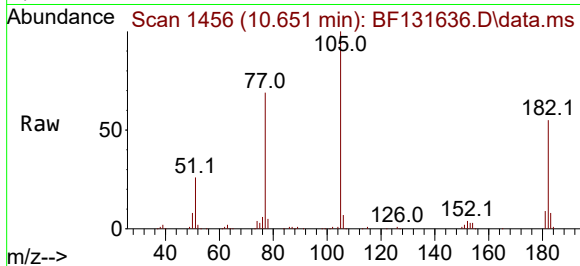




#63
Azobenzene
Concen: 3.119 ng
RT: 10.651 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

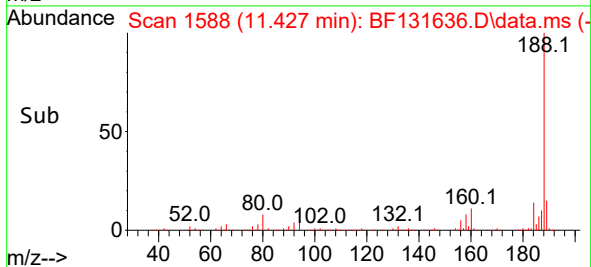
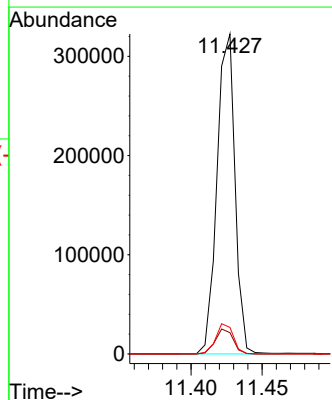
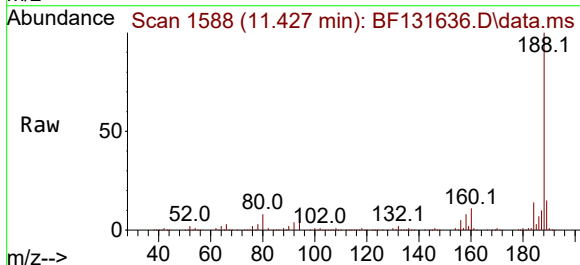
Instrument :
BNA_F
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AOC1-N5

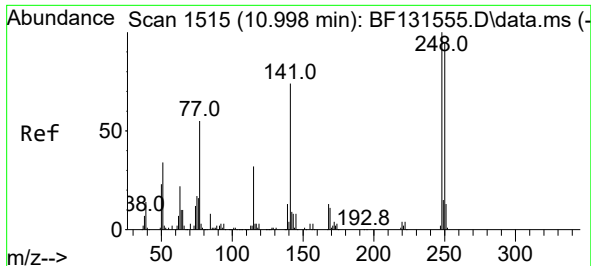
Tgt Ion: 77 Resp: 39650
Ion Ratio Lower Upper
77 100
182 79.2 3.9 43.9#
105 144.7 0.0 38.3#
51 37.0 13.0 53.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

Tgt Ion:188 Resp: 284723
Ion Ratio Lower Upper
188 100
94 6.7 5.5 8.3
80 8.3 6.6 10.0

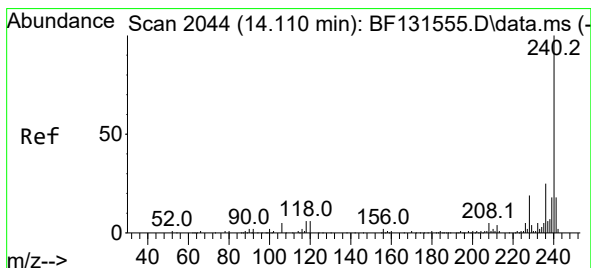
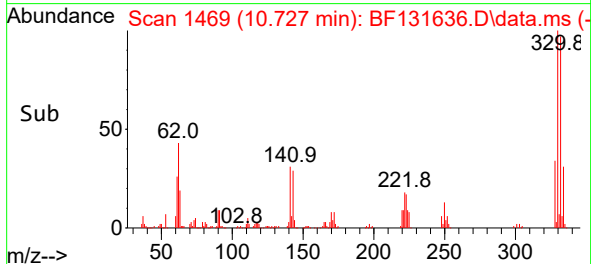
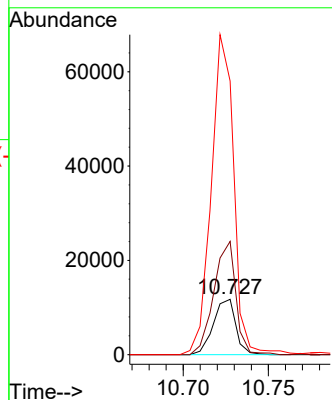
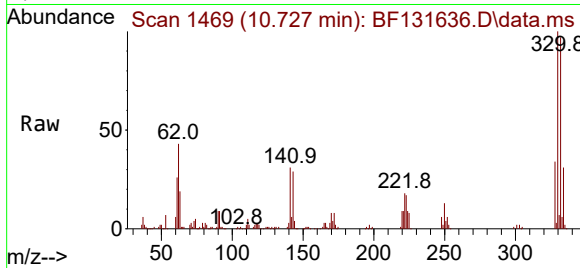




#67
4-Bromophenyl-phenylether
Concen: 2.944 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

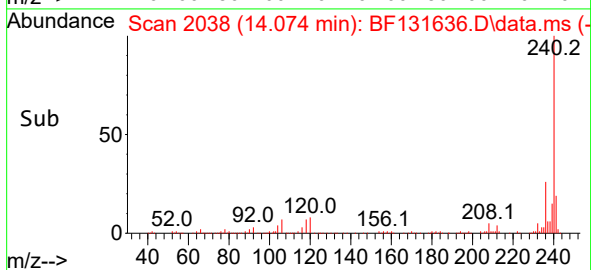
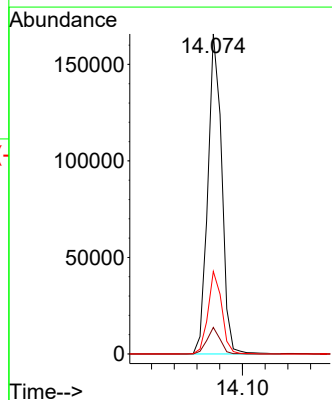
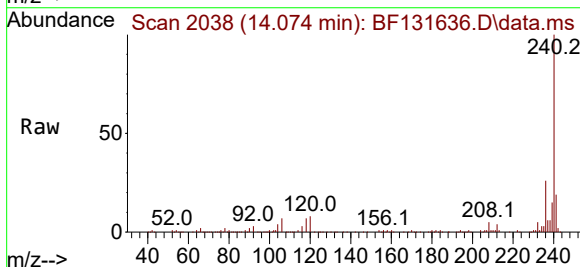
Instrument :
BNA_F
ClientSampleId :
AOC1-N5

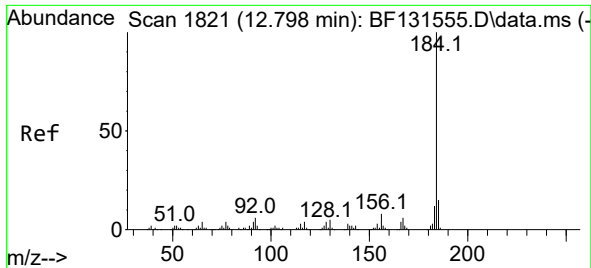
Tgt Ion:248 Resp: 10784
Ion Ratio Lower Upper
248 100
250 204.3 76.2 114.2#
141 493.5 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

Tgt Ion:240 Resp: 140452
Ion Ratio Lower Upper
240 100
120 8.3 4.6 7.0#
236 25.8 20.2 30.2

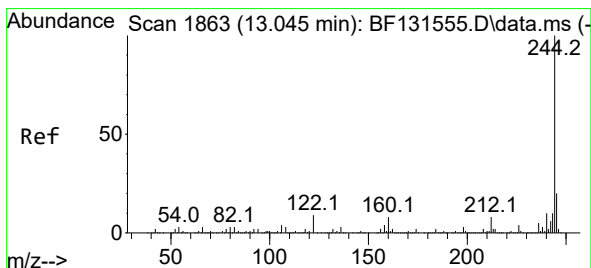
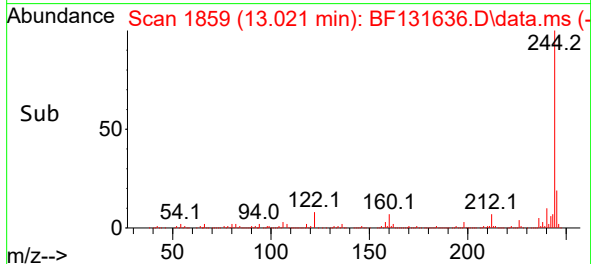
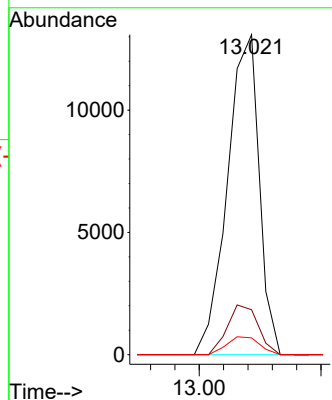
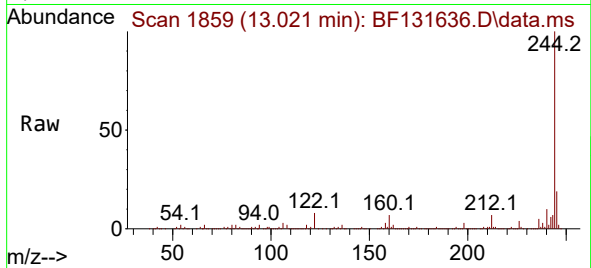




#77
Benzidine
Concen: 3.147 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

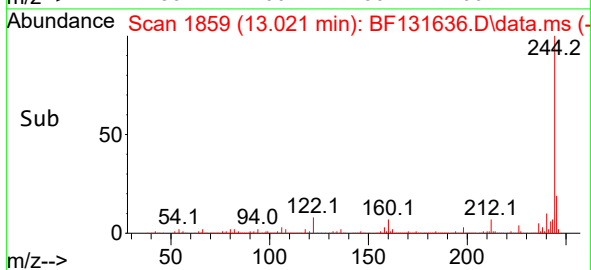
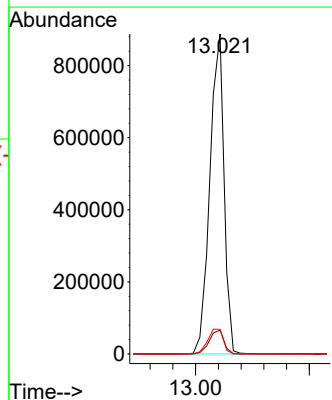
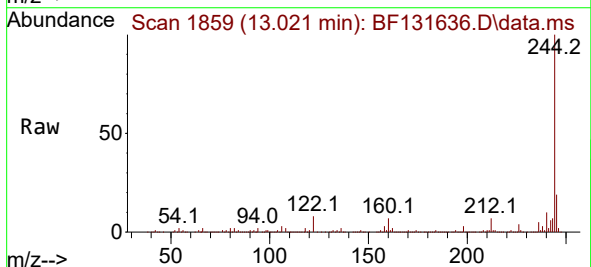
Instrument :
BNA_F
ClientSampleId :
AOC1-N5

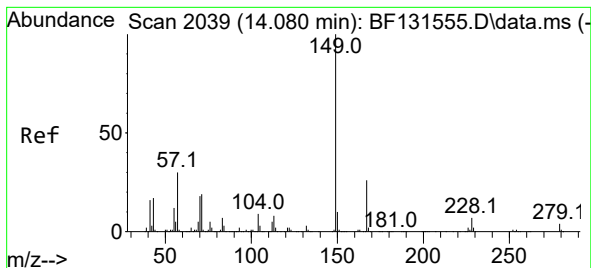
Tgt Ion:184 Resp: 11842
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 5.3 9.3 13.9#



#79
Terphenyl-d14
Concen: 74.896 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

Tgt Ion:244 Resp: 767050
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 7.7 7.1 10.7

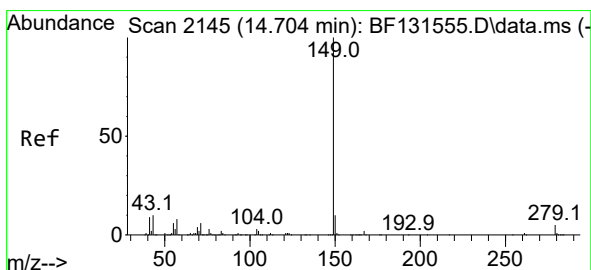
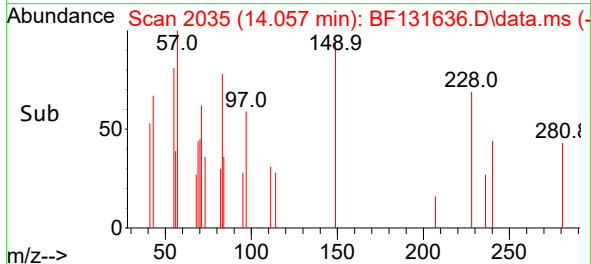
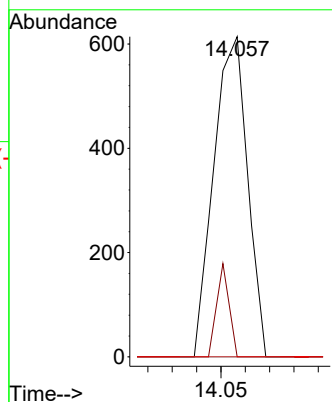
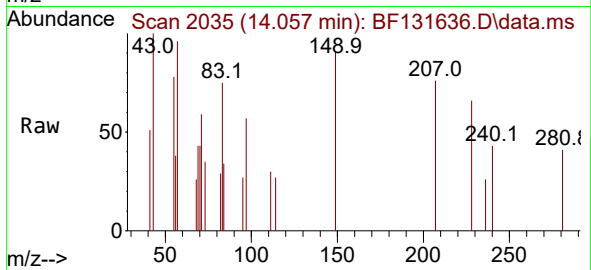




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.134 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131636.D
 Acq: 14 Dec 2022 23:14

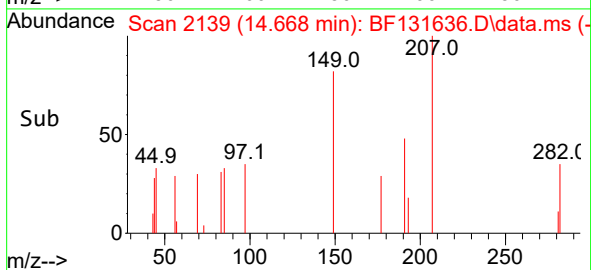
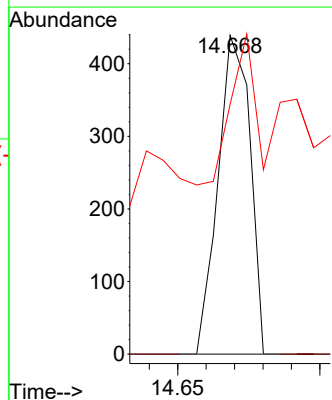
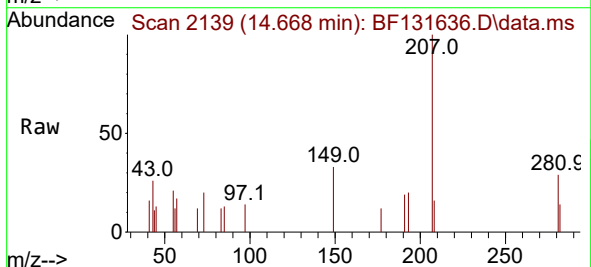
Instrument :
 BNA_F
 ClientSampleId :
 AOC1-N5

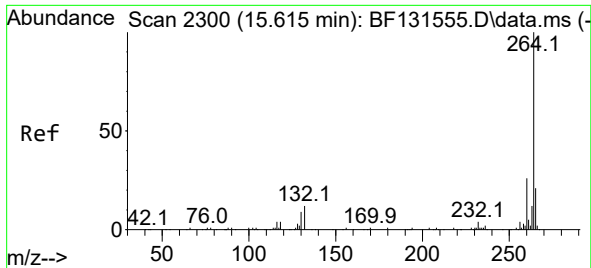
Tgt Ion:149 Resp: 591
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.253 ng
 RT: 14.668 min Scan# 2139
 Delta R.T. -0.012 min
 Lab File: BF131636.D
 Acq: 14 Dec 2022 23:14

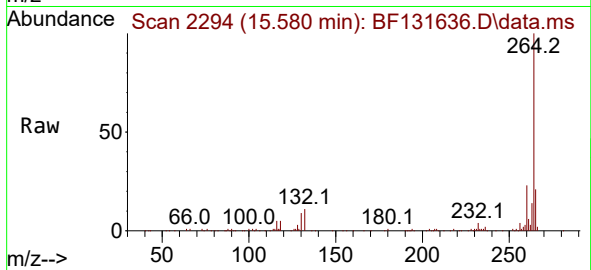
Tgt Ion:149 Resp: 343
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 47.2 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131636.D
Acq: 14 Dec 2022 23:14

Instrument :
BNA_F
ClientSampleId :
AOC1-N5



Tgt Ion:264 Resp: 141303
Ion Ratio Lower Upper
264 100
260 22.9 20.6 30.8
265 21.4 16.8 25.2

