

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131625.D
 Acq On : 13 Dec 2022 22:00
 Operator : CG\JU
 Sample : N5993-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-S5

Quant Time: Dec 14 03:36:13 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)

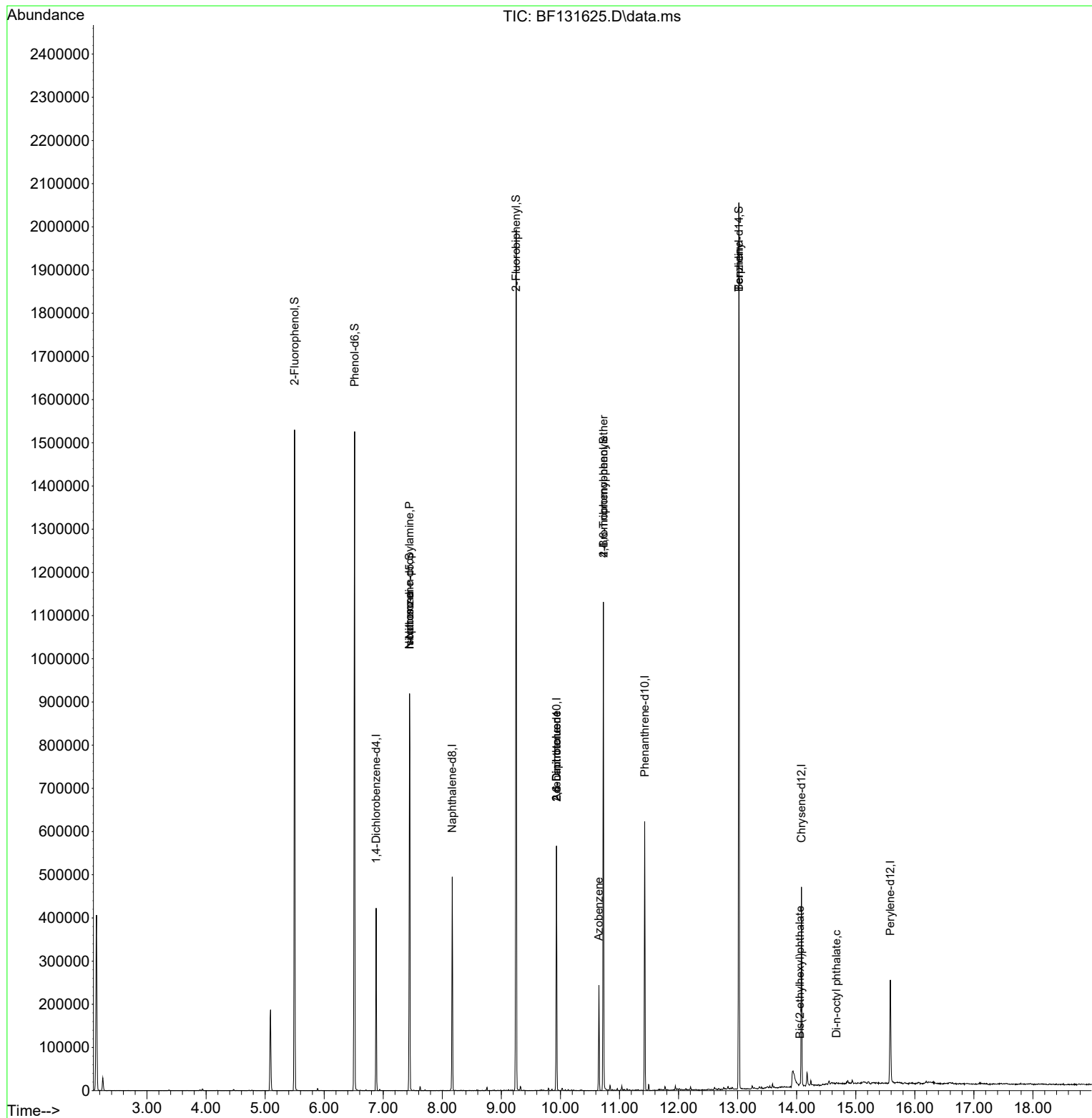
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52370	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	186710	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	103678	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	205420	20.000	ng	0.00
76) Chrysene-d12	14.080	240	138820	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	110198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	354737	113.004	ng	0.00
7) Phenol-d6	6.516	99	459634	111.734	ng	0.00
23) Nitrobenzene-d5	7.445	82	319710	64.738	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	111185	96.524	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	549585	66.837	ng	0.00
79) Terphenyl-d14	13.021	244	689330	68.099	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	44977	14.581	ng	# 77
25) Isophorone	7.445	82	319704	40.190	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	13262	8.128	ng	# 9
57) 2,4-Dinitrotoluene	9.933	165	13262	6.127	ng	# 15
63) Azobenzene	10.651	77	39656	4.584	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	7522	2.846	ng	# 1
77) Benzidine	13.021	184	10826	2.911	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.057	149	1513	3.295	ng	# 89
85) Di-n-octyl phthalate	14.674	149	1267	5.347	ng	# 45

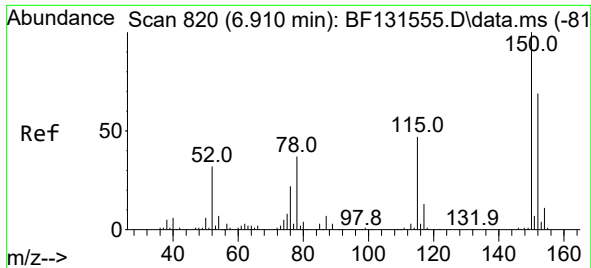
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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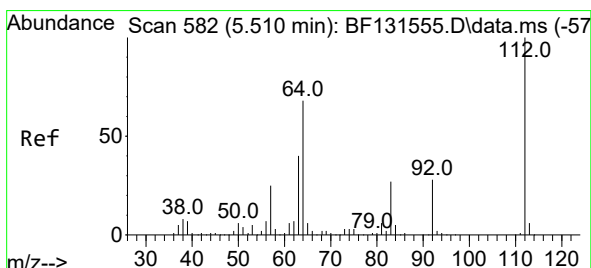
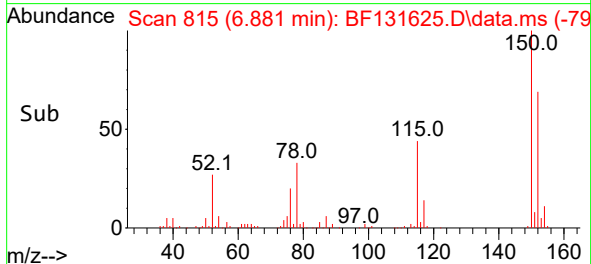
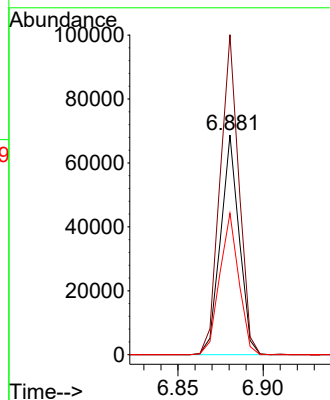
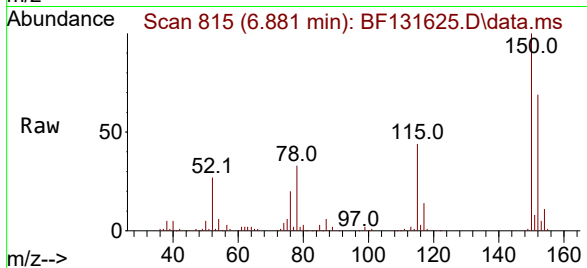




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

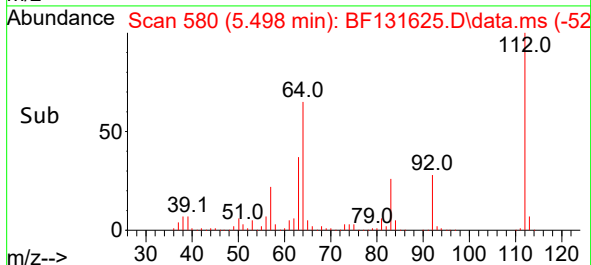
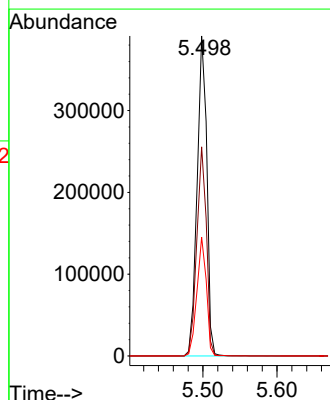
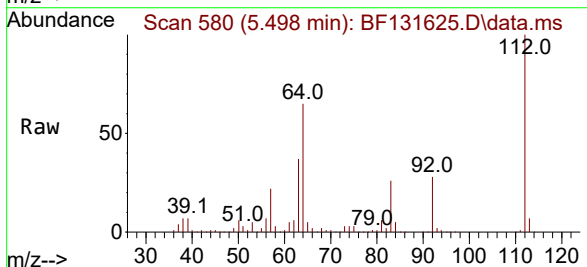
Instrument :
BNA_F
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AOC1-S5

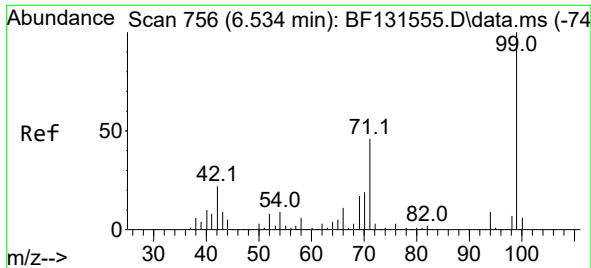
Tgt Ion:152 Resp: 52370
Ion Ratio Lower Upper
152 100
150 145.7 116.7 175.1
115 64.4 54.6 82.0



#5
2-Fluorophenol
Concen: 113.004 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

Tgt Ion:112 Resp: 354737
Ion Ratio Lower Upper
112 100
64 65.4 54.5 81.7
63 37.2 31.9 47.9

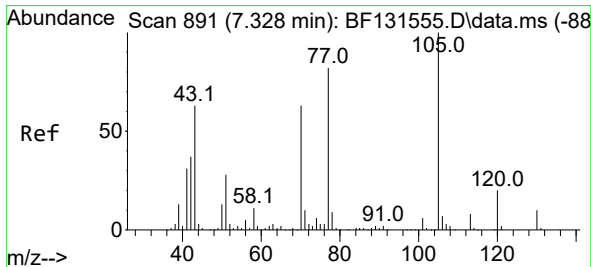
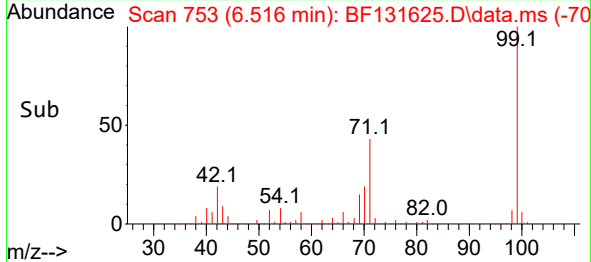
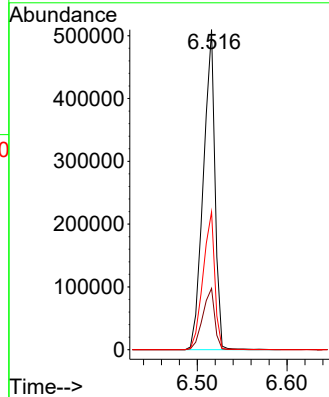
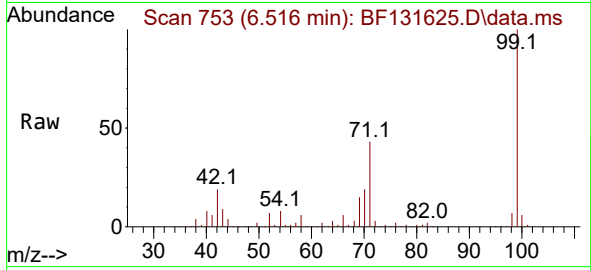




#7
Phenol-d6
Concen: 111.734 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

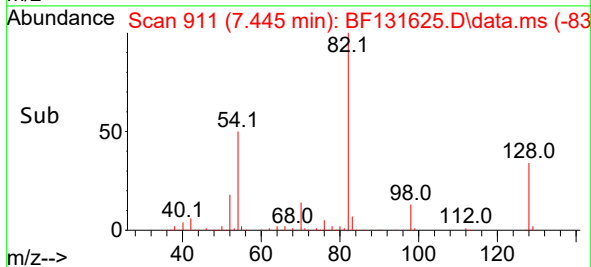
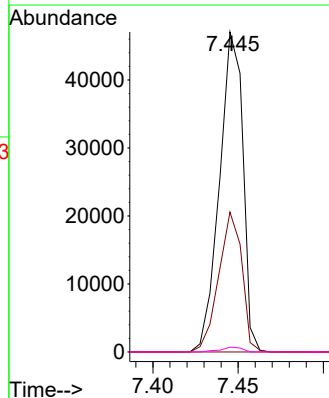
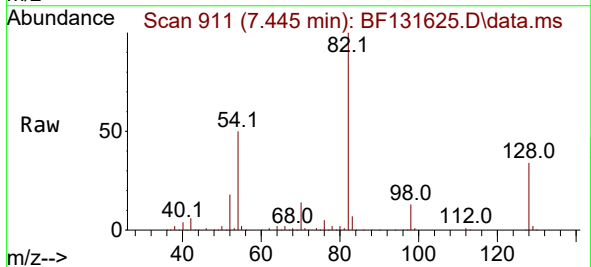
Instrument :
BNA_F
ClientSampleId :
AOC1-S5

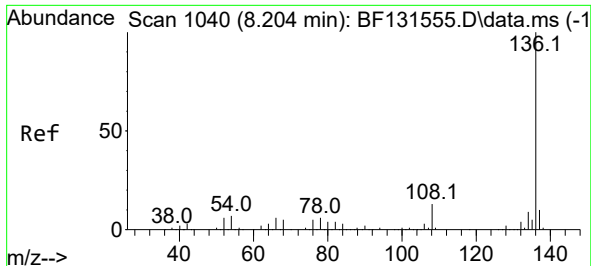
Tgt Ion: 99 Resp: 459634
Ion Ratio Lower Upper
99 100
42 19.2 17.9 26.9
71 43.1 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.581 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

Tgt Ion: 70 Resp: 44977
Ion Ratio Lower Upper
70 100
42 43.7 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#

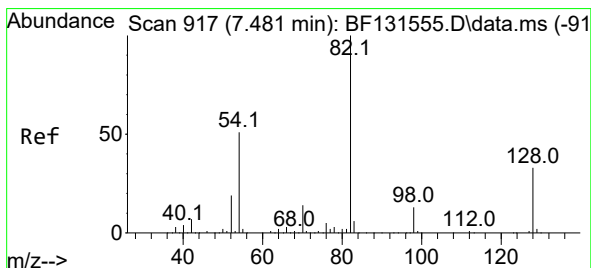
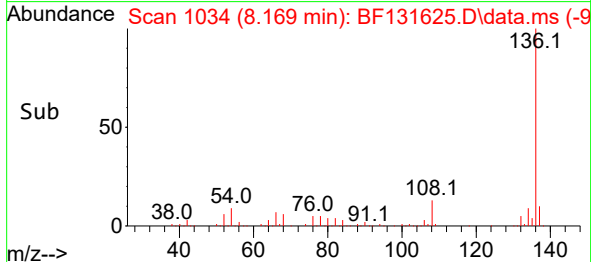
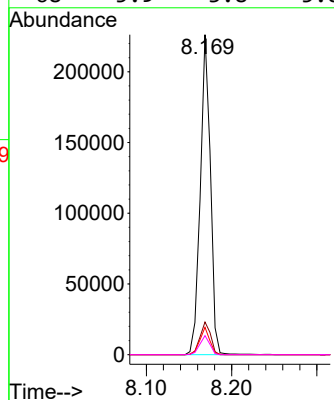
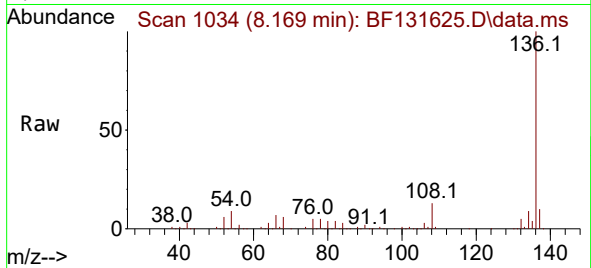




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

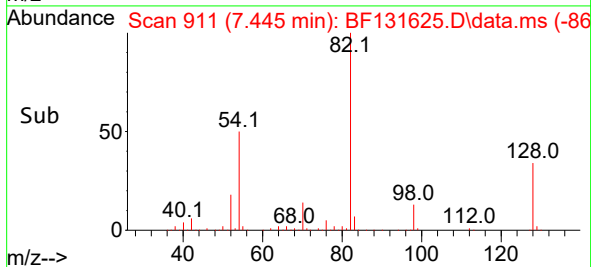
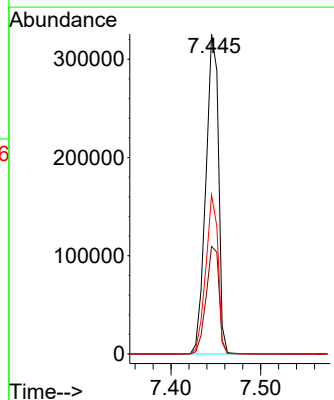
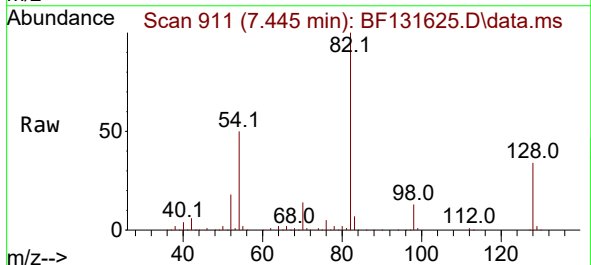
Instrument :
BNA_F
ClientSampleId :
AOC1-S5

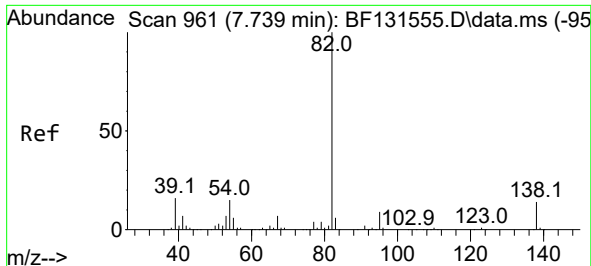
Tgt Ion:136 Resp: 186710
Ion Ratio Lower Upper
136 100
137 10.2 8.1 12.1
54 8.5 6.0 9.0
68 5.9 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 64.738 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

Tgt Ion: 82 Resp: 319710
Ion Ratio Lower Upper
82 100
128 33.6 26.1 39.1
54 49.7 40.6 60.8

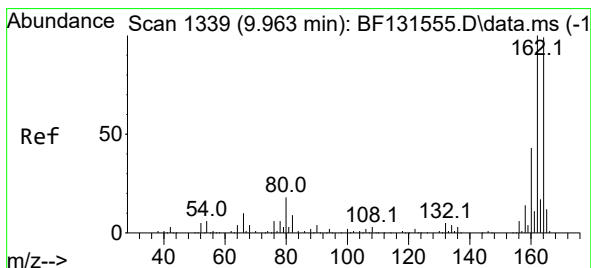
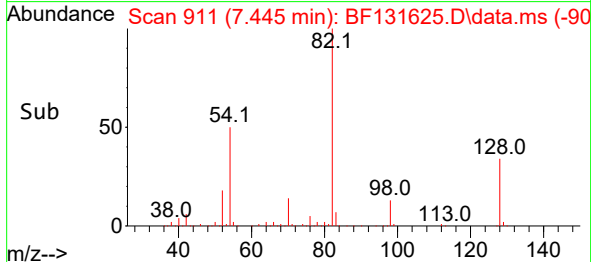
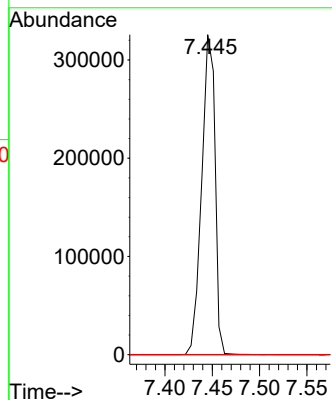
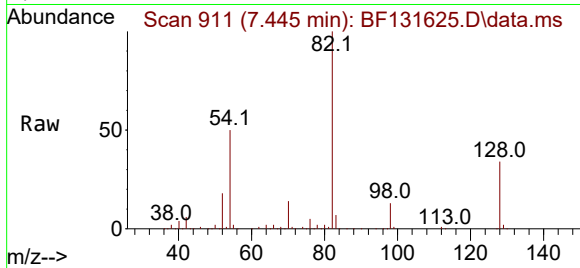




#25
Isophorone
Concen: 40.190 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

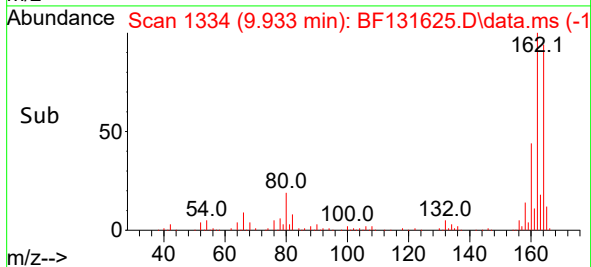
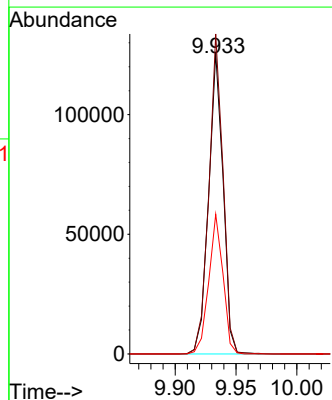
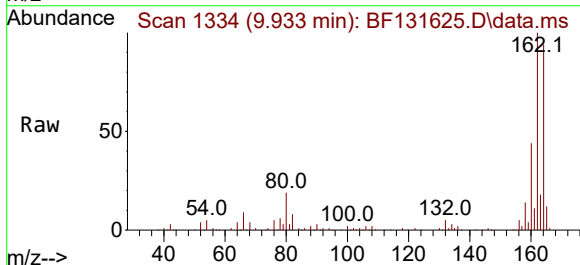
Instrument :
BNA_F
ClientSampleId :
AOC1-S5

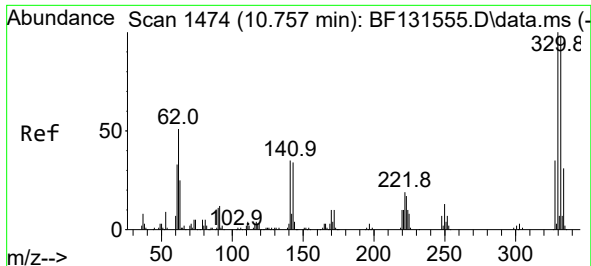
Tgt Ion: 82 Resp: 319704
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

Tgt Ion:164 Resp: 103678
Ion Ratio Lower Upper
164 100
162 106.2 81.0 121.6
160 46.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 96.524 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131625.D

Acq: 13 Dec 2022 22:00

Instrument :

BNA_F

ClientSampleId :

AOC1-S5

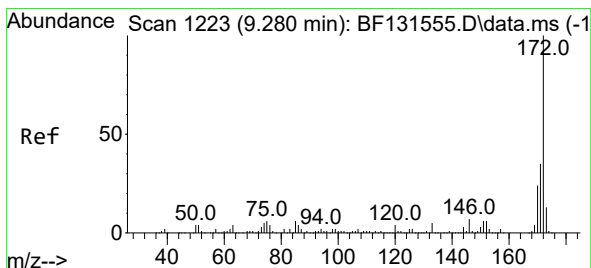
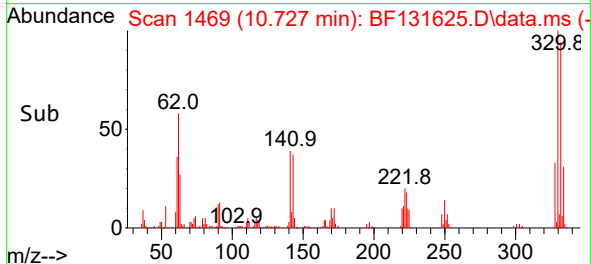
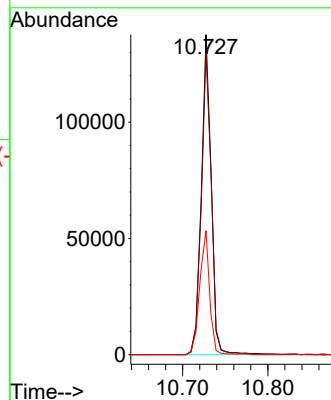
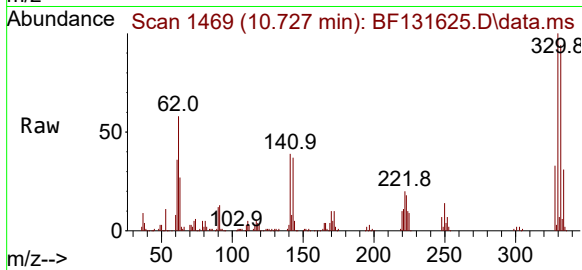
Tgt Ion:330 Resp: 111185

Ion Ratio Lower Upper

330 100

332 96.1 78.3 117.5

141 38.9 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 66.837 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131625.D

Acq: 13 Dec 2022 22:00

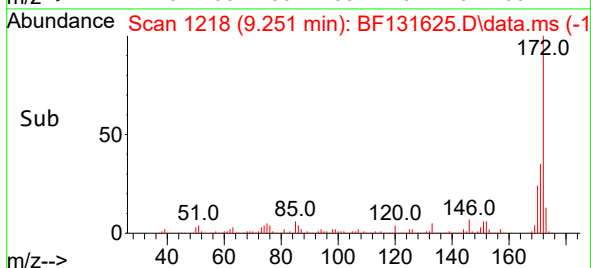
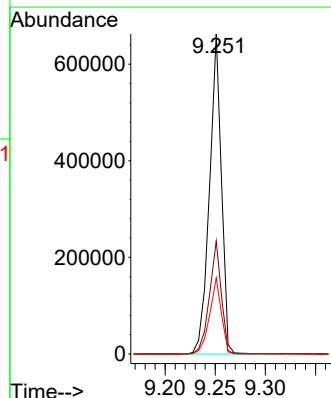
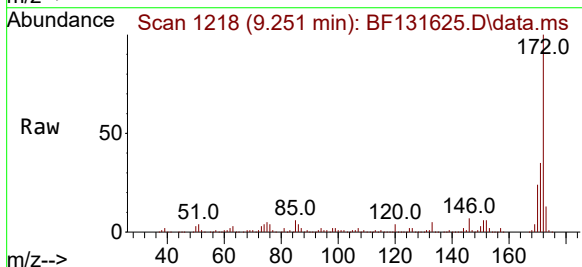
Tgt Ion:172 Resp: 549585

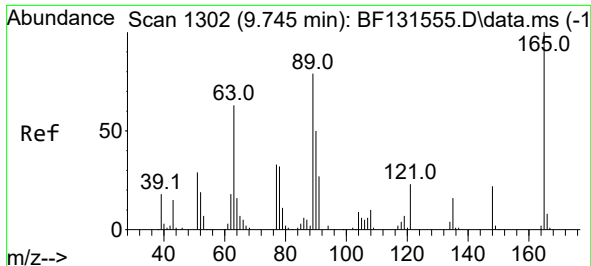
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.7 19.3 28.9

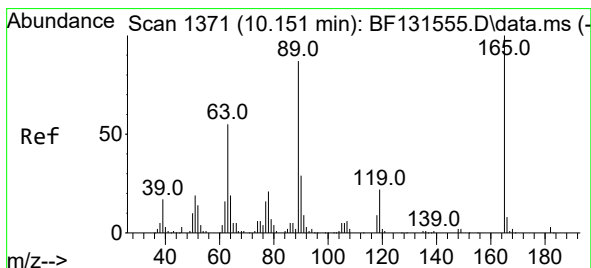
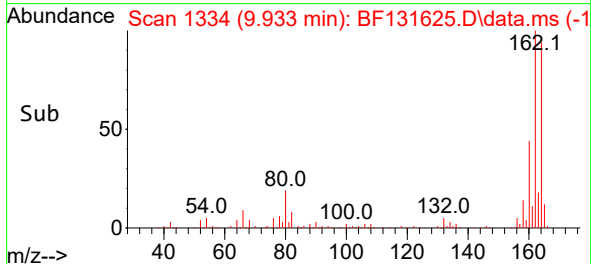
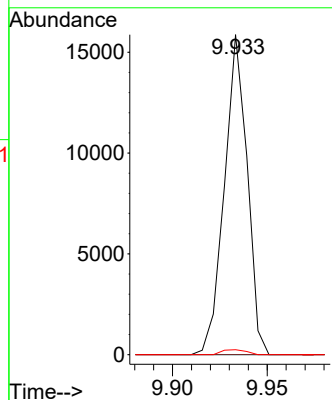
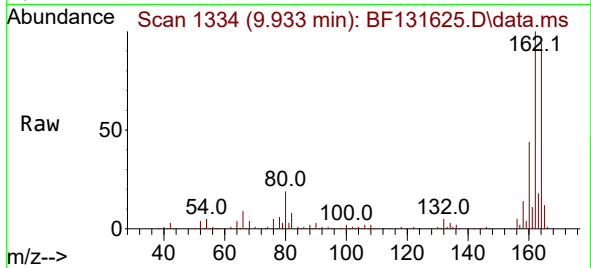




#51
2,6-Dinitrotoluene
Concen: 8.128 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

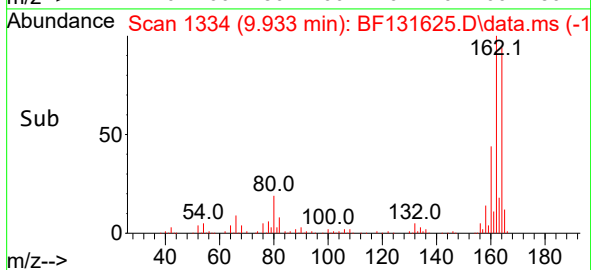
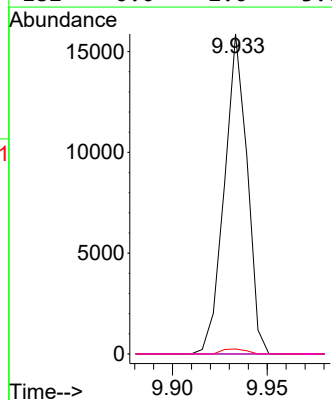
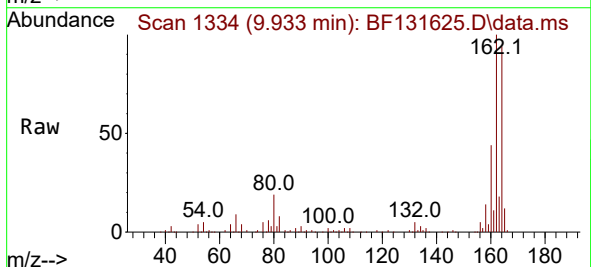
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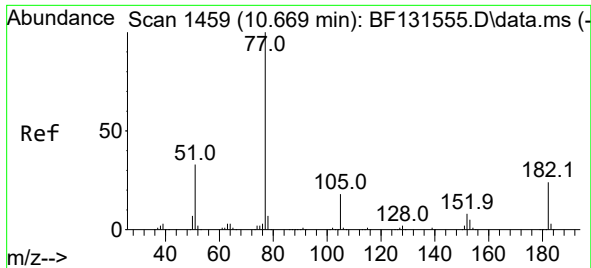
Tgt Ion:165 Resp: 13262
Ion Ratio Lower Upper
165 100
63 0.0 67.9 101.9#
89 1.6 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.127 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

Tgt Ion:165 Resp: 13262
Ion Ratio Lower Upper
165 100
63 0.0 44.4 66.6#
89 1.6 69.6 104.4#
182 0.0 2.0 3.0#

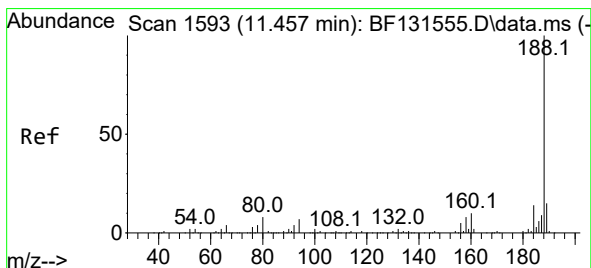
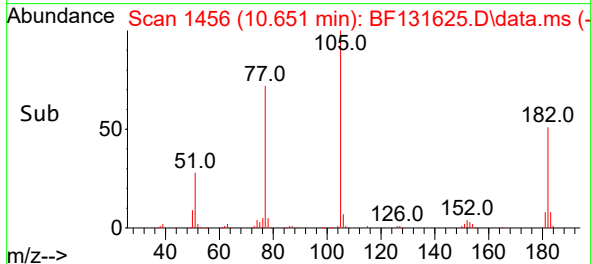
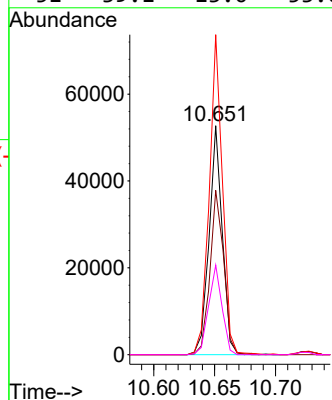
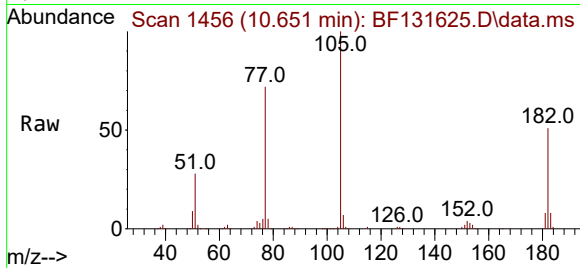




#63
Azobenzene
Concen: 4.584 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

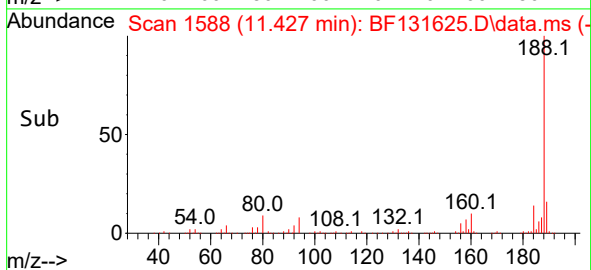
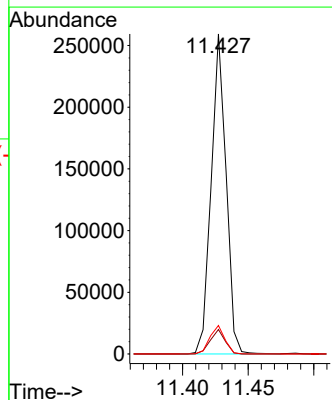
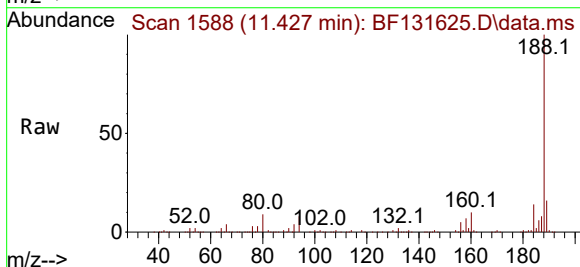
Instrument :
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AOC1-S5

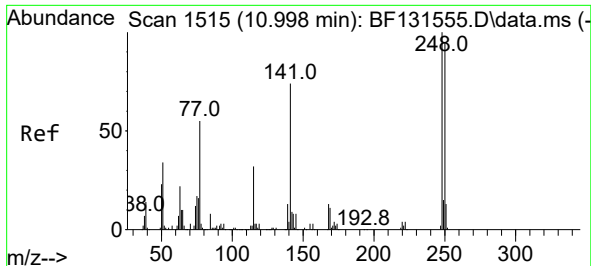
Tgt Ion: 77 Resp: 39656
Ion Ratio Lower Upper
77 100
182 71.8 3.9 43.9#
105 139.8 0.0 38.3#
51 39.1 13.0 53.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

Tgt Ion:188 Resp: 205420
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 8.9 6.6 10.0

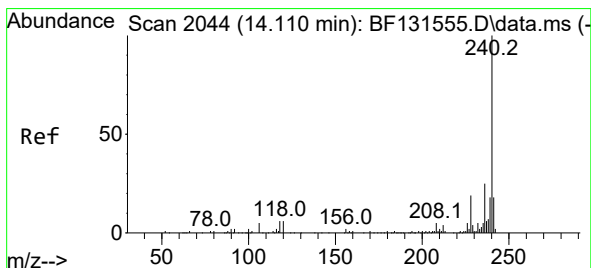
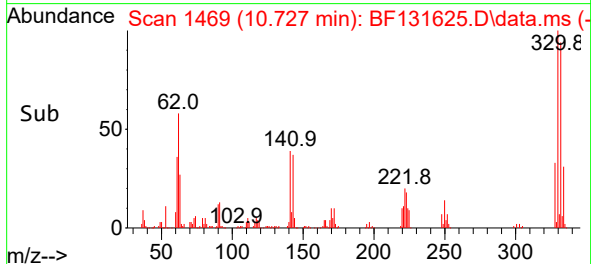
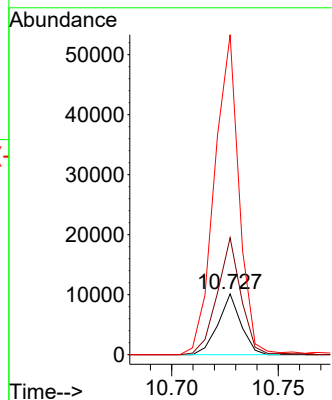
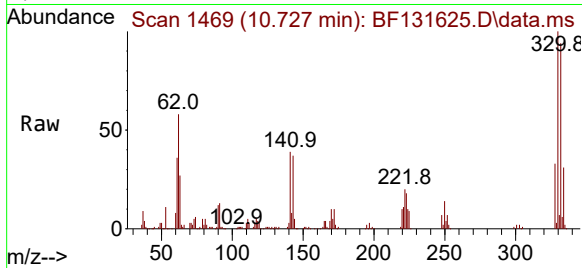




#67
4-Bromophenyl-phenylether
Concen: 2.846 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

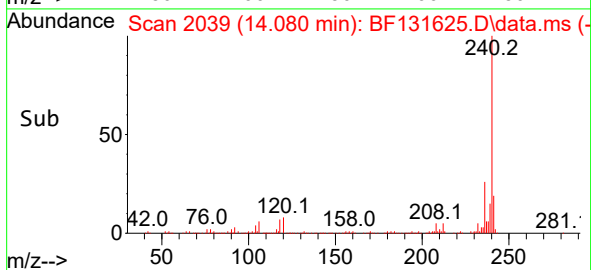
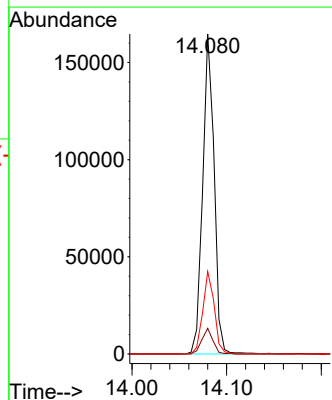
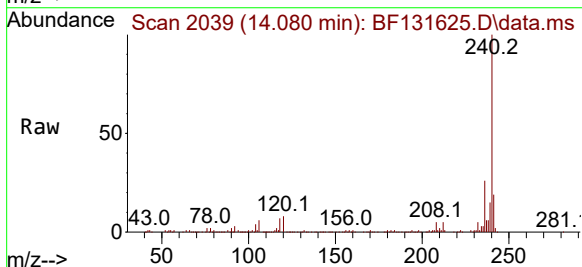
Instrument :
BNA_F
ClientSampleId :
AOC1-S5

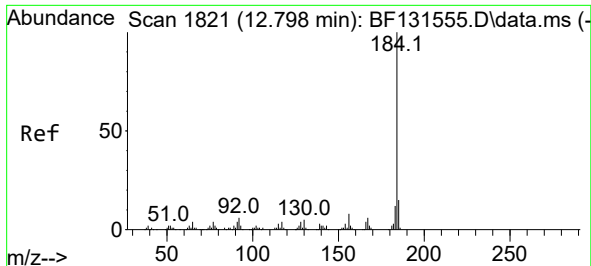
Tgt Ion:248 Resp: 7522
Ion Ratio Lower Upper
248 100
250 192.3 76.2 114.2#
141 526.1 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

Tgt Ion:240 Resp: 138820
Ion Ratio Lower Upper
240 100
120 8.0 4.6 7.0#
236 25.7 20.2 30.2

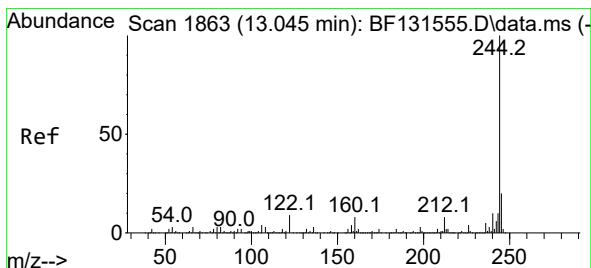
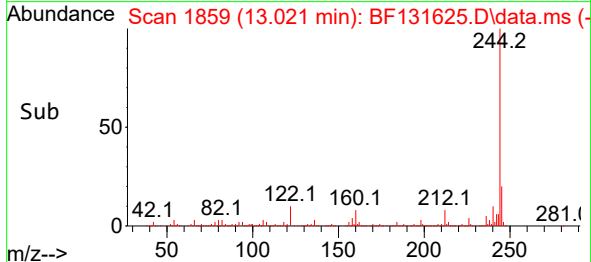
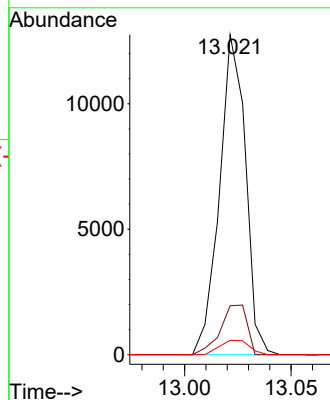
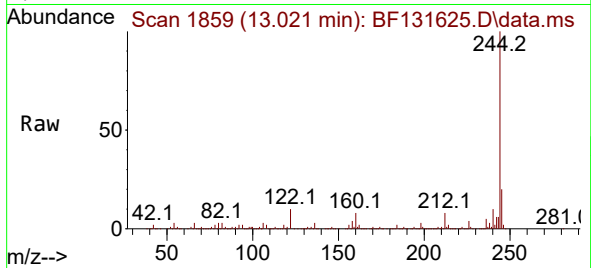




#77
Benzidine
Concen: 2.911 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

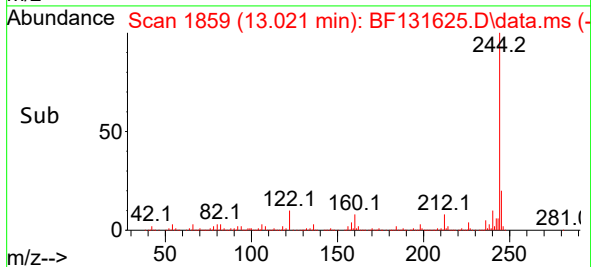
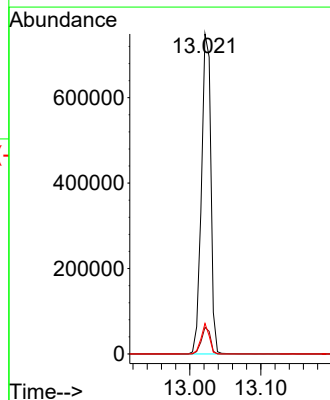
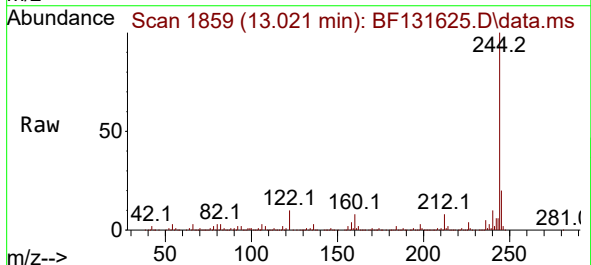
Instrument :
BNA_F
ClientSampleId :
AOC1-S5

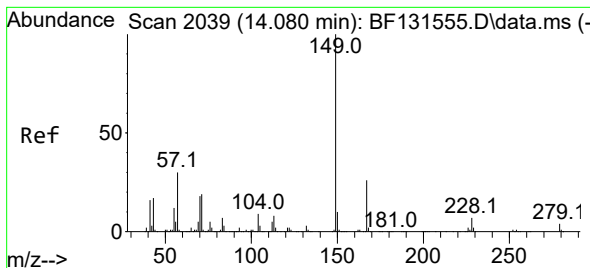
Tgt Ion:184 Resp: 10826
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 4.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 68.099 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

Tgt Ion:244 Resp: 689330
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 9.5 7.1 10.7

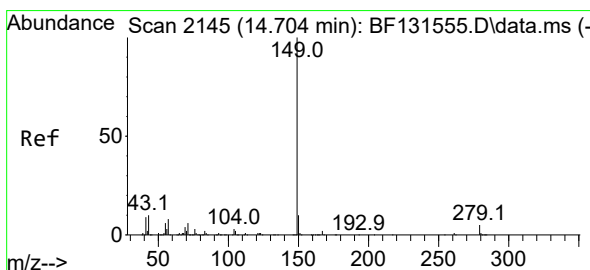
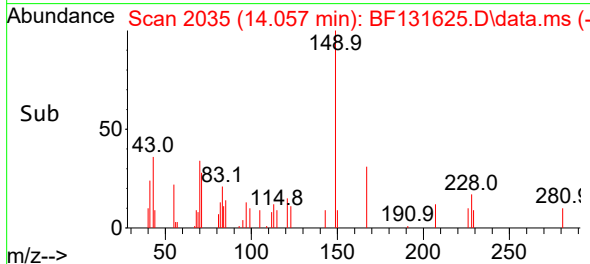
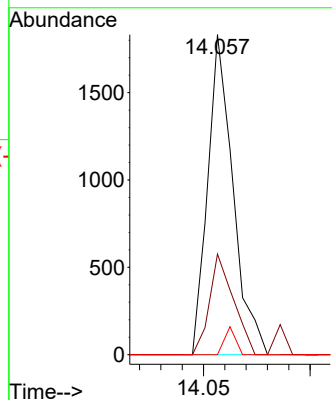
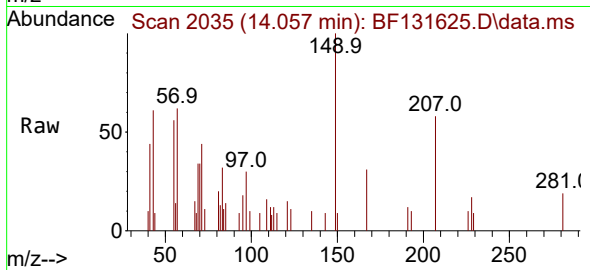




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.295 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131625.D
 Acq: 13 Dec 2022 22:00

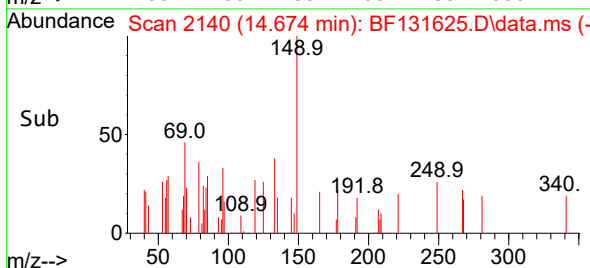
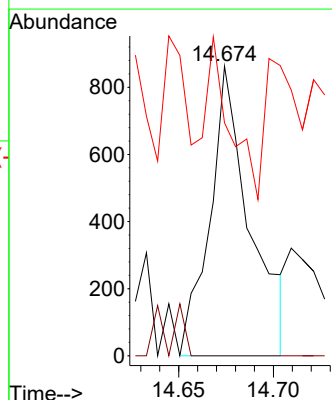
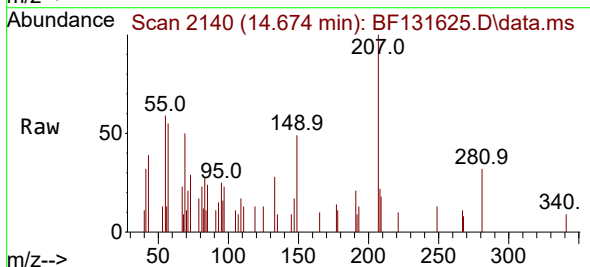
Instrument :
 BNA_F
 ClientSampleId :
 AOC1-S5

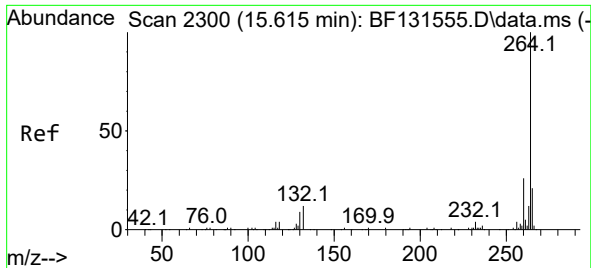
Tgt Ion:149 Resp: 1513
 Ion Ratio Lower Upper
 149 100
 167 31.4 20.8 31.2#
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.347 ng
 RT: 14.674 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BF131625.D
 Acq: 13 Dec 2022 22:00

Tgt Ion:149 Resp: 1267
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 34.3 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131625.D
 Acq: 13 Dec 2022 22:00

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-S5

Tgt Ion:264 Resp: 110198
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.6 30.8
 265 22.0 16.8 25.2

