

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131637.D
 Acq On : 14 Dec 2022 23:46
 Operator : CG\JU
 Sample : N5993-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-B1-W5

Quant Time: Dec 15 01:56:25 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)

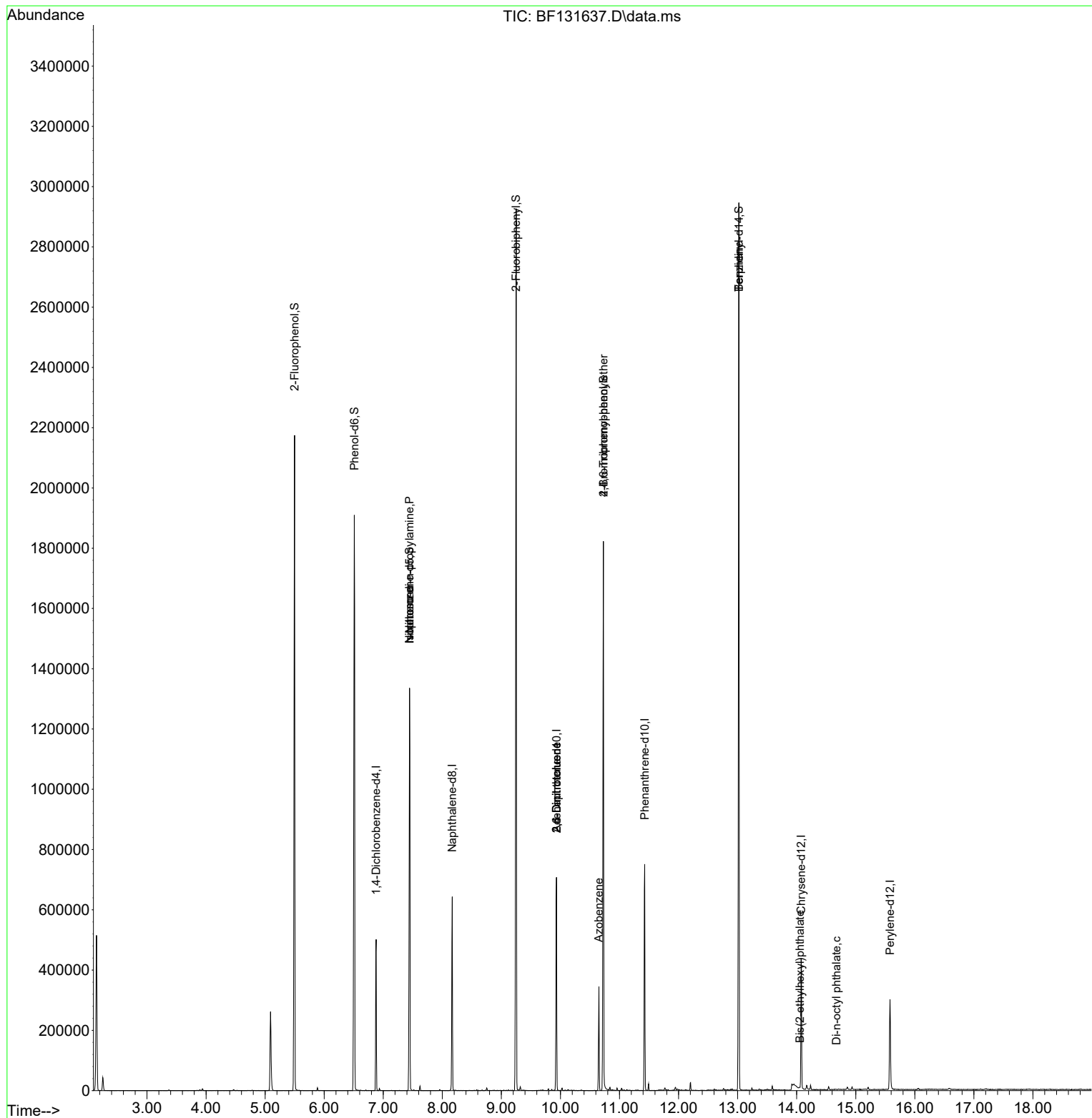
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69189	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	245513	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	140285	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	272574	20.000	ng	0.00
76) Chrysene-d12	14.074	240	145467	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	142781	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	531785	128.224	ng	0.00
7) Phenol-d6	6.510	99	699457	128.701	ng	-0.01
23) Nitrobenzene-d5	7.445	82	485178	74.713	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	194509	124.797	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	851771	76.557	ng	0.00
79) Terphenyl-d14	13.021	244	945034	89.094	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	68130	16.718	ng	# 76
25) Isophorone	7.445	82	485164	46.383	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	18408	8.338	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	18408	6.285	ng	# 16
63) Azobenzene	10.651	77	54360	4.644	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	13483	3.845	ng	# 1
77) Benzidine	13.021	184	14792	3.795	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.057	149	1177	3.227	ng	# 92
85) Di-n-octyl phthalate	14.674	149	144	5.233	ng	# 1

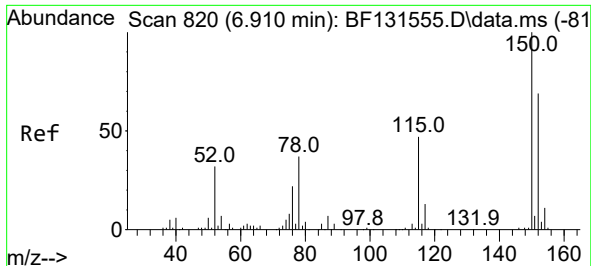
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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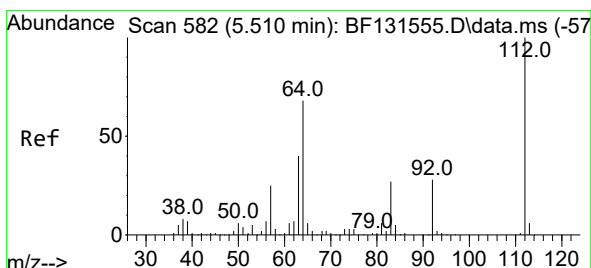
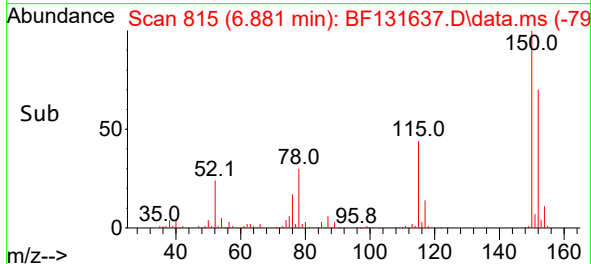
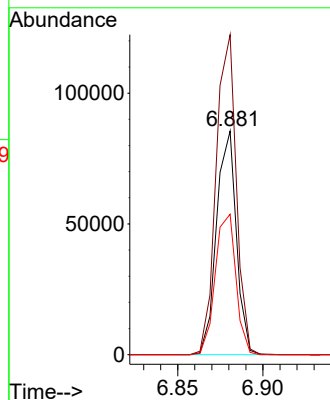
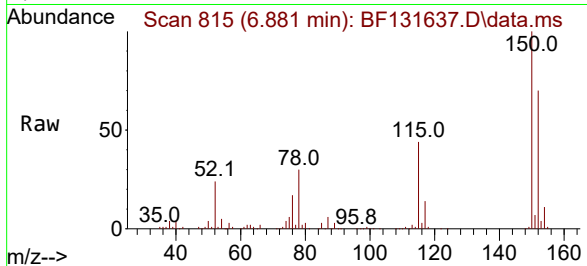




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

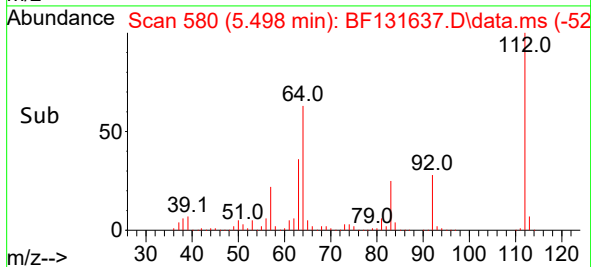
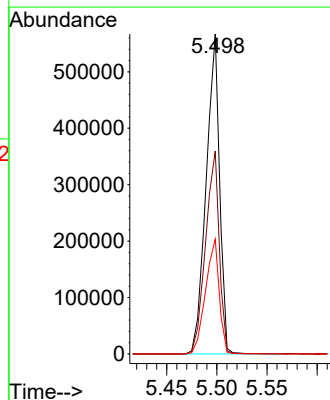
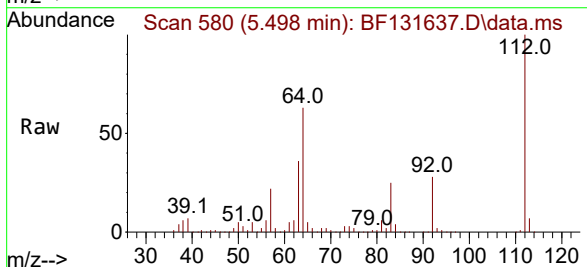
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-W5

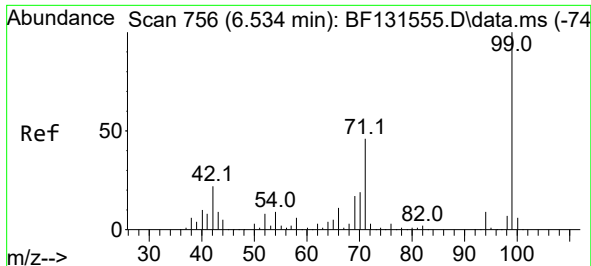
Tgt Ion:152 Resp: 69189
Ion Ratio Lower Upper
152 100
150 143.1 116.7 175.1
115 62.8 54.6 82.0



#5
2-Fluorophenol
Concen: 128.224 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

Tgt Ion:112 Resp: 531785
Ion Ratio Lower Upper
112 100
64 63.4 54.5 81.7
63 35.9 31.9 47.9

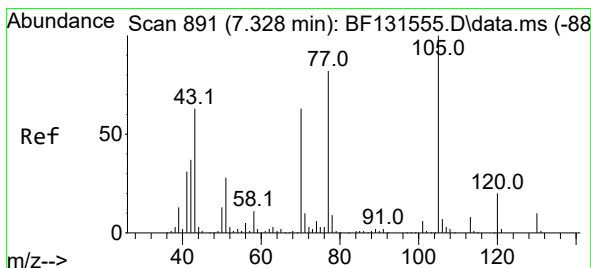
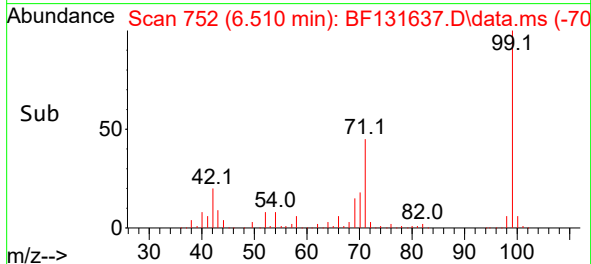
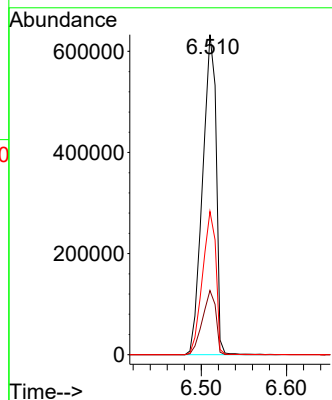
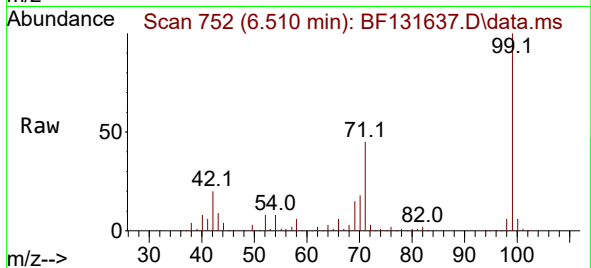




#7
Phenol-d6
Concen: 128.701 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

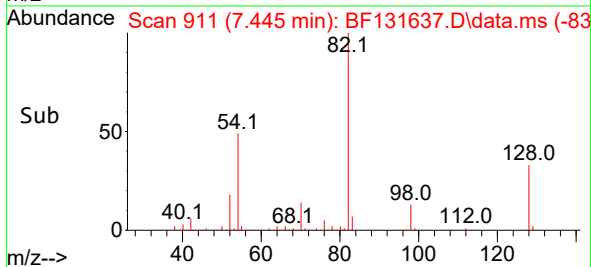
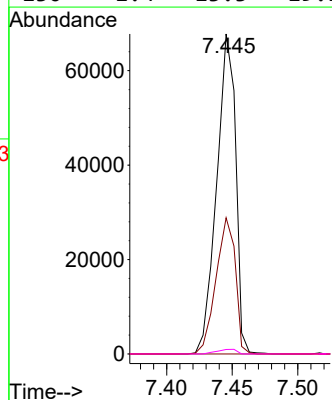
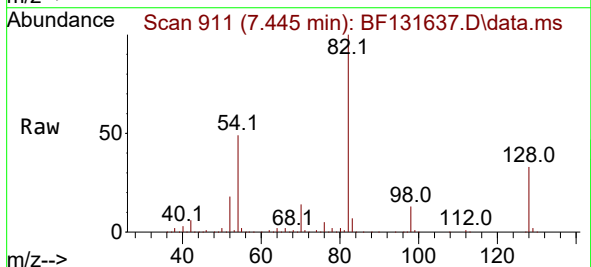
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-W5

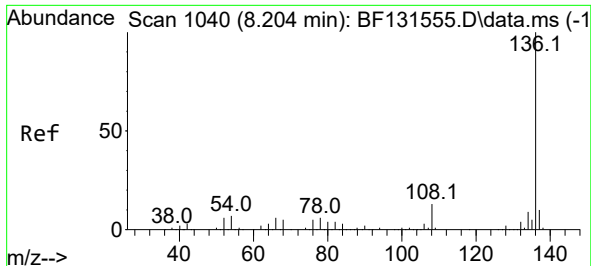
Tgt Ion: 99 Resp: 699457
Ion Ratio Lower Upper
99 100
42 20.1 17.9 26.9
71 44.7 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.718 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

Tgt Ion: 70 Resp: 68130
Ion Ratio Lower Upper
70 100
42 42.5 46.4 69.6#
101 0.0 7.2 10.8#
130 1.4 13.3 19.9#

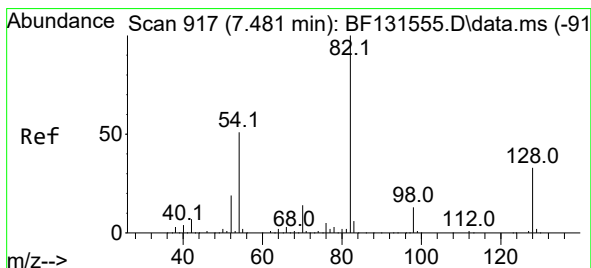
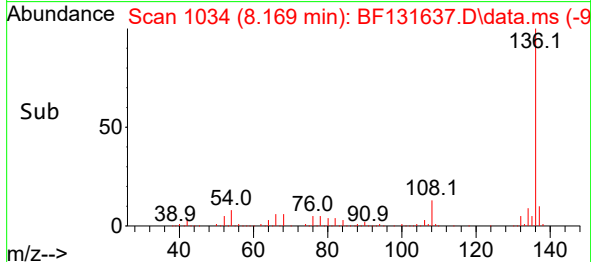
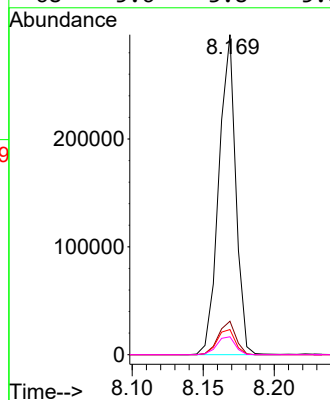
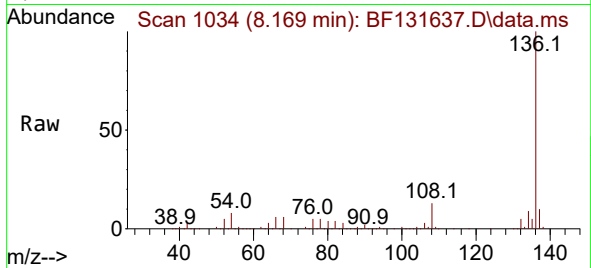




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

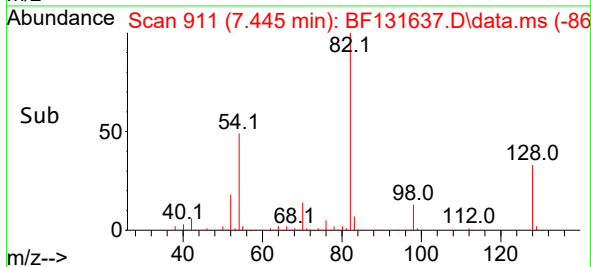
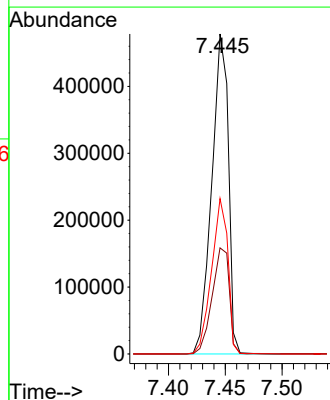
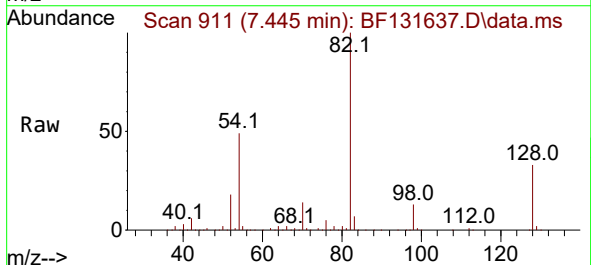
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-W5

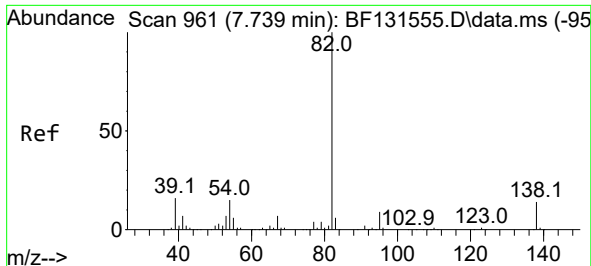
Tgt Ion	136	Resp:	245513
	Ratio	Lower	Upper
136	100		
137	10.4	8.1	12.1
54	7.9	6.0	9.0
68	5.6	3.8	5.8



#23
Nitrobenzene-d5
Concen: 74.713 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

Tgt Ion: 82	Resp: 485178
Ion Ratio	Lower Upper
82 100	
128 33.2	26.1 39.1
54 48.5	40.6 60.8

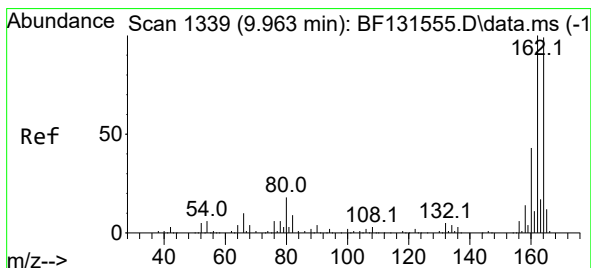
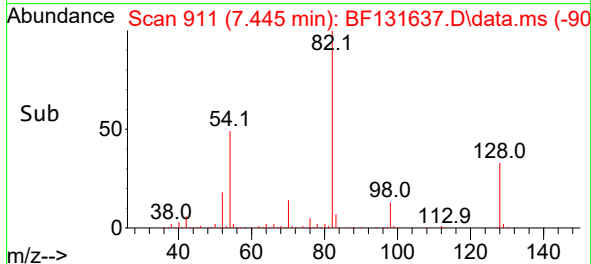
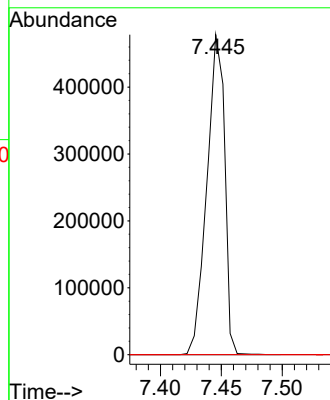
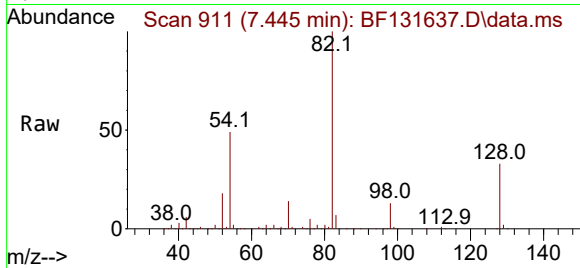




#25
Isophorone
Concen: 46.383 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

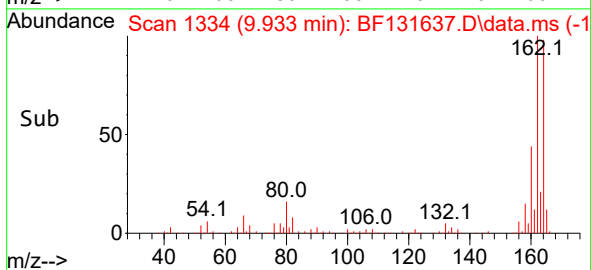
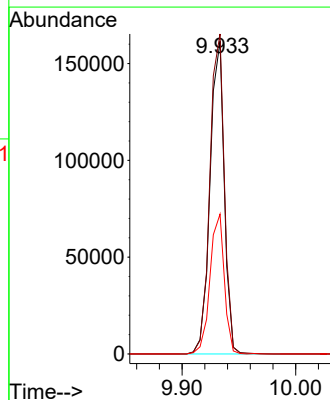
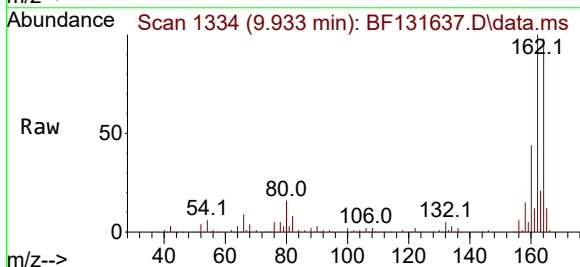
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-W5

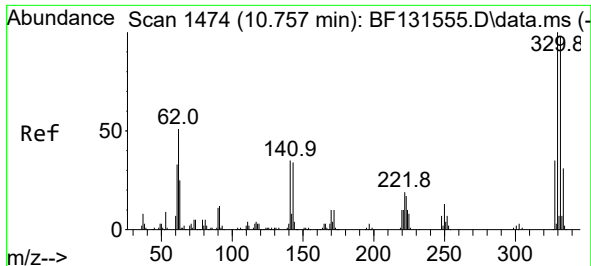
Tgt Ion: 82 Resp: 485164
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

Tgt Ion: 164 Resp: 140285
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.6
160 44.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 124.797 ng

RT: 10.727 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131637.D

Acq: 14 Dec 2022 23:46

Instrument :

BNA_F

ClientSampleId :

AOC2-B1-W5

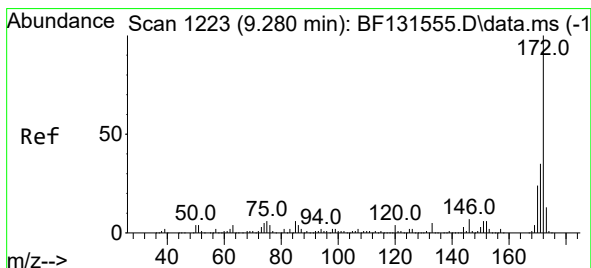
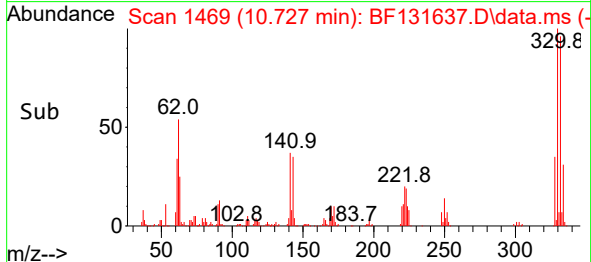
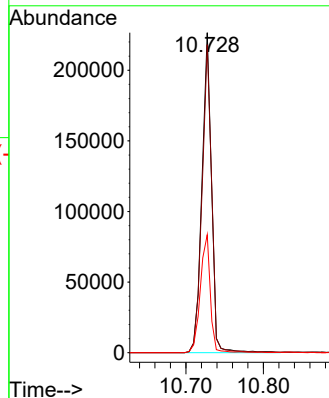
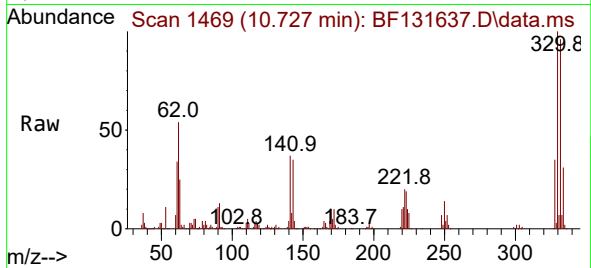
Tgt Ion:330 Resp: 194509

Ion Ratio Lower Upper

330 100

332 96.6 78.3 117.5

141 38.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 76.557 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131637.D

Acq: 14 Dec 2022 23:46

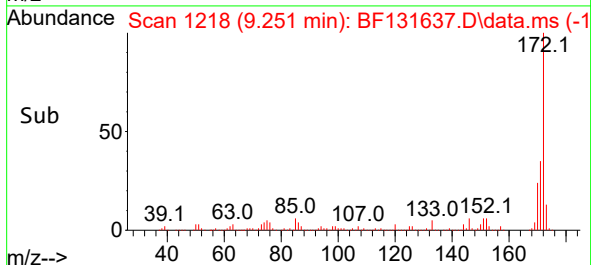
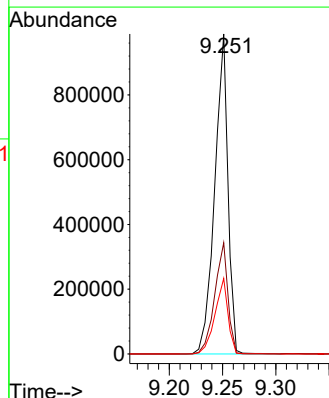
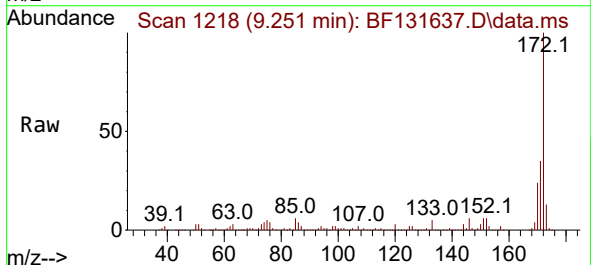
Tgt Ion:172 Resp: 851771

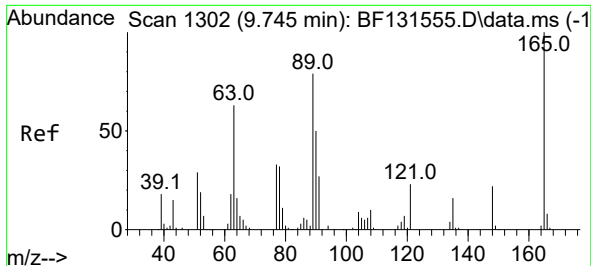
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.6 19.3 28.9

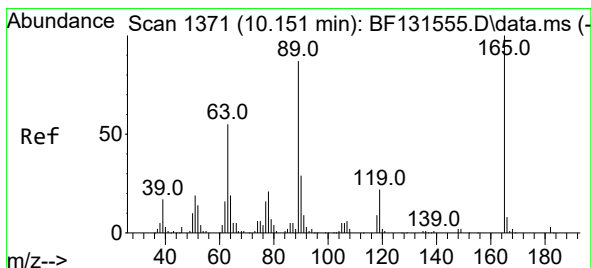
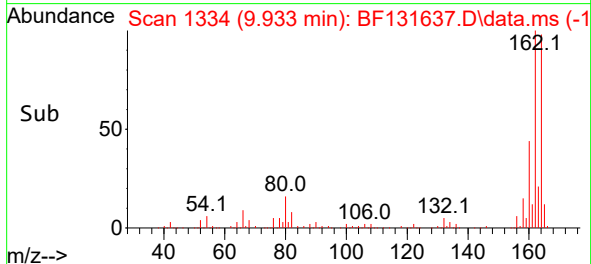
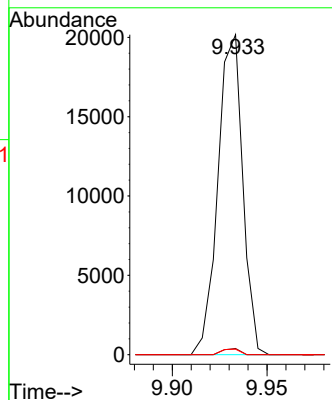
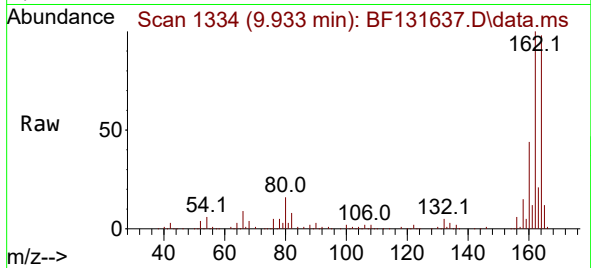




#51
2,6-Dinitrotoluene
Concen: 8.338 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.206 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

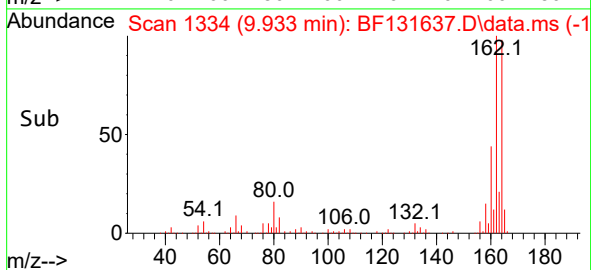
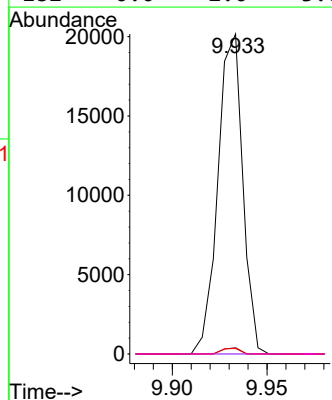
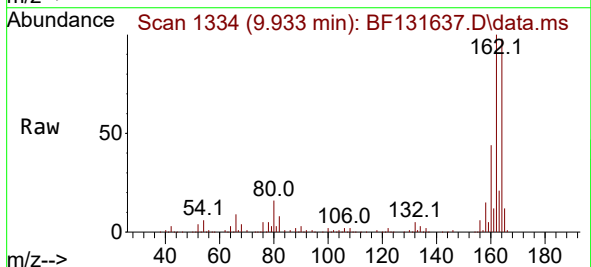
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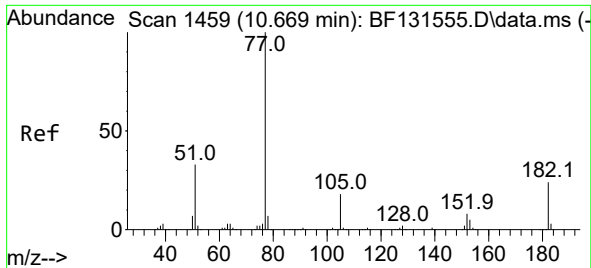
Tgt Ion:165 Resp: 18408
Ion Ratio Lower Upper
165 100
63 1.9 67.9 101.9#
89 1.7 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.285 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

Tgt Ion:165 Resp: 18408
Ion Ratio Lower Upper
165 100
63 1.9 44.4 66.6#
89 1.7 69.6 104.4#
182 0.0 2.0 3.0#

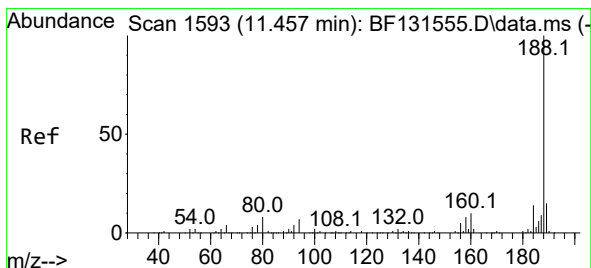
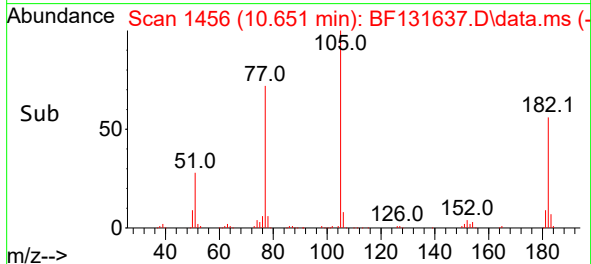
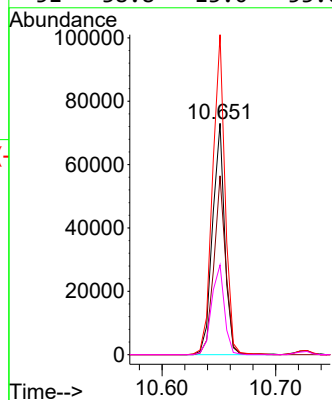
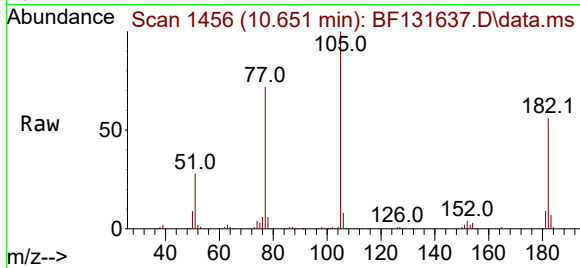




#63
 Azobenzene
 Concen: 4.644 ng
 RT: 10.651 min Scan# 1456
 Delta R.T. 0.006 min
 Lab File: BF131637.D
 Acq: 14 Dec 2022 23:46

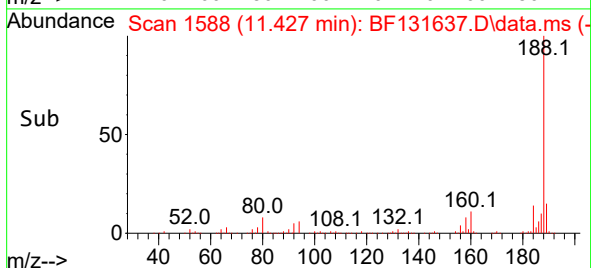
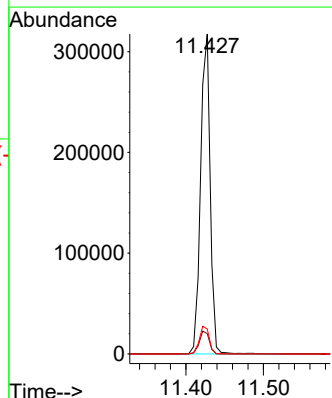
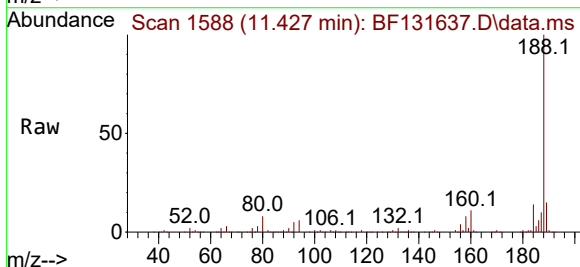
Instrument :
 BNA_F
 ClientSampleId :
 AOC2-B1-W5

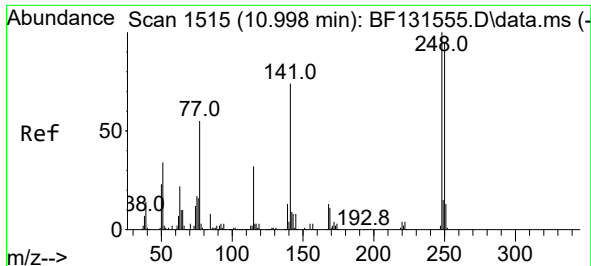
Tgt Ion: 77 Resp: 54360
 Ion Ratio Lower Upper
 77 100
 182 77.4 3.9 43.9#
 105 138.4 0.0 38.3#
 51 38.8 13.0 53.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.427 min Scan# 1588
 Delta R.T. -0.006 min
 Lab File: BF131637.D
 Acq: 14 Dec 2022 23:46

Tgt Ion: 188 Resp: 272574
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.5 8.3
 80 7.8 6.6 10.0

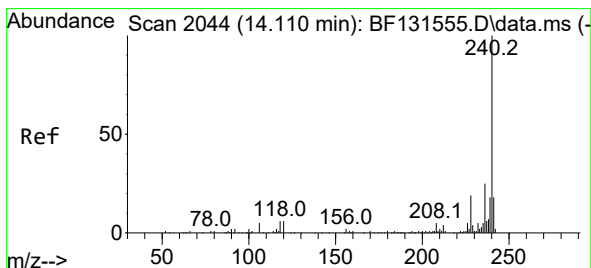
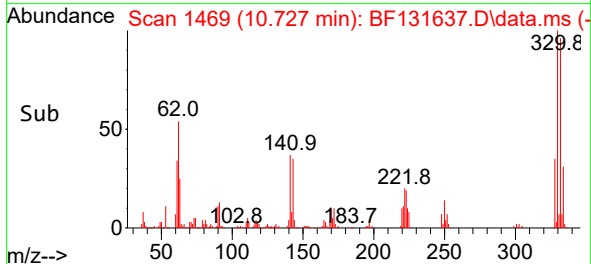
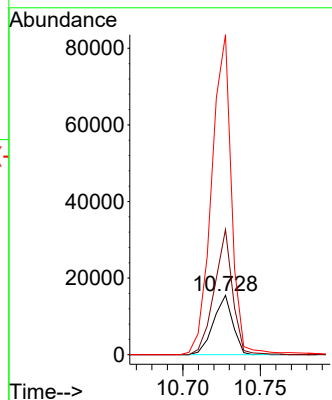
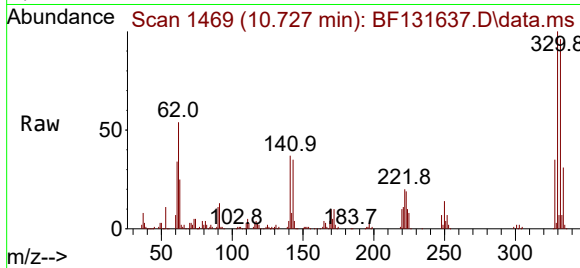




#67
4-Bromophenyl-phenylether
Concen: 3.845 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

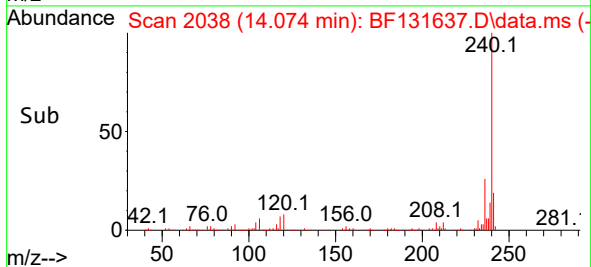
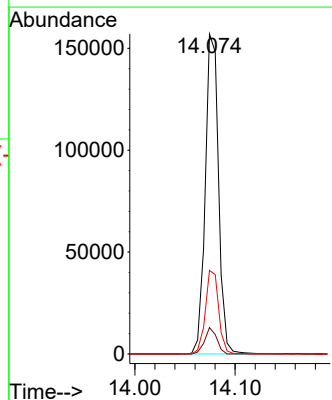
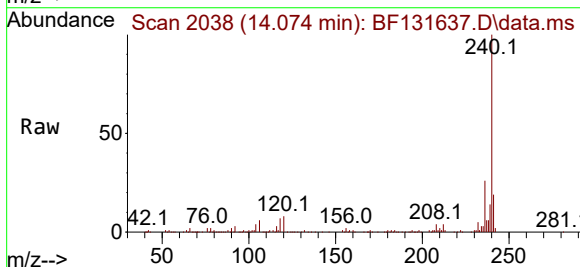
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-W5

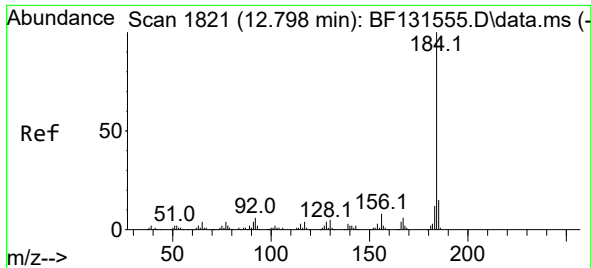
Tgt Ion:248 Resp: 13483
Ion Ratio Lower Upper
248 100
250 210.8 76.2 114.2#
141 539.3 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

Tgt Ion:240 Resp: 145467
Ion Ratio Lower Upper
240 100
120 8.2 4.6 7.0#
236 26.1 20.2 30.2

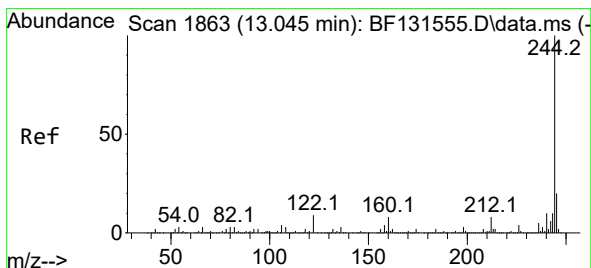
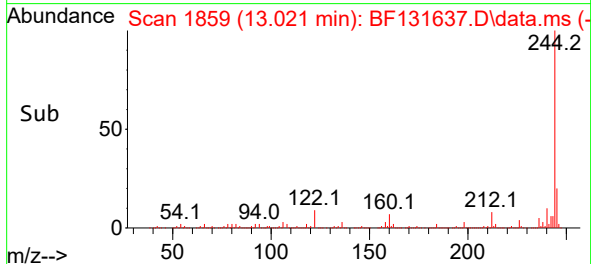
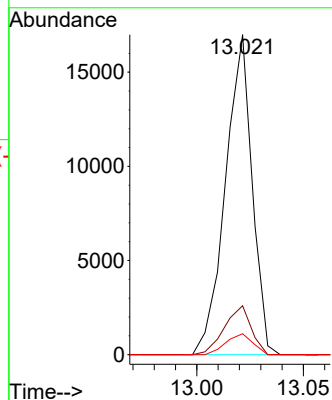
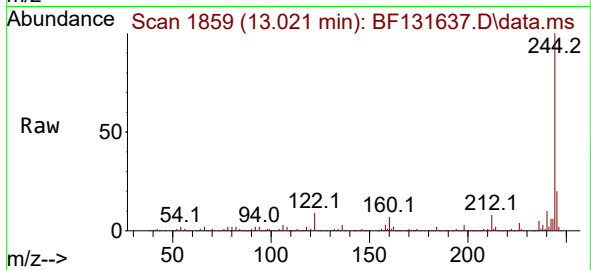




#77
Benzidine
Concen: 3.795 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

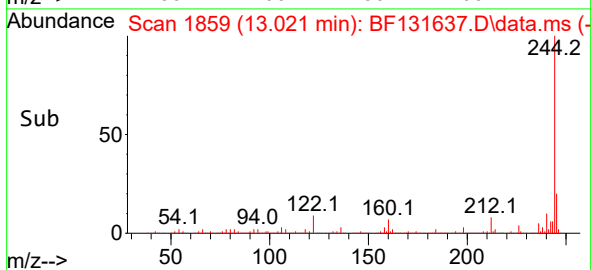
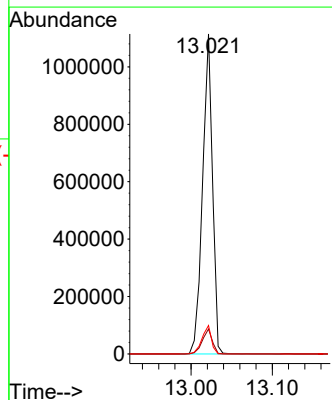
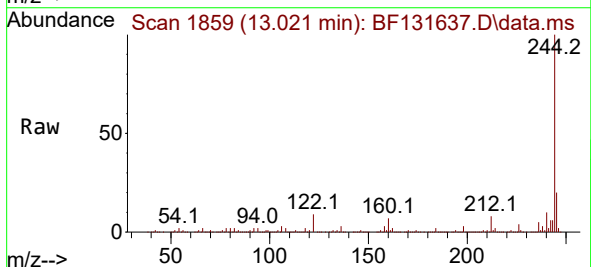
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-W5

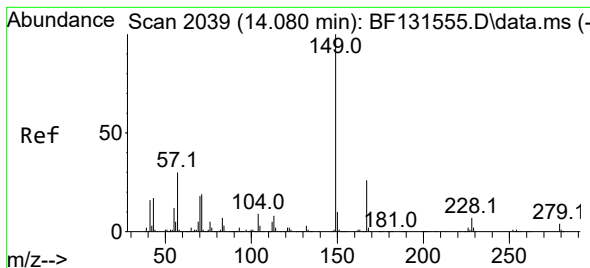
Tgt Ion:184 Resp: 14792
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 6.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 89.094 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

Tgt Ion:244 Resp: 945034
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 8.9 7.1 10.7

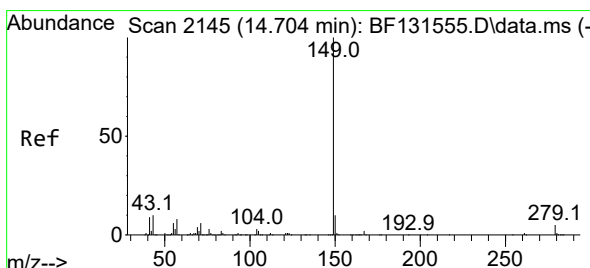
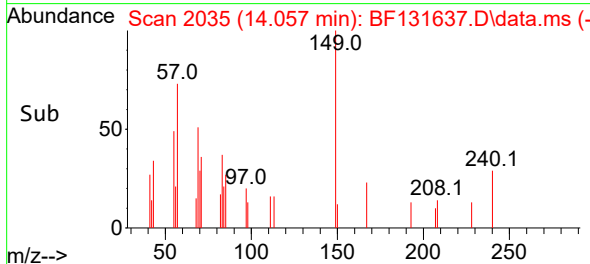
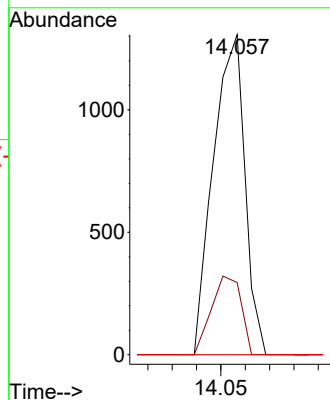
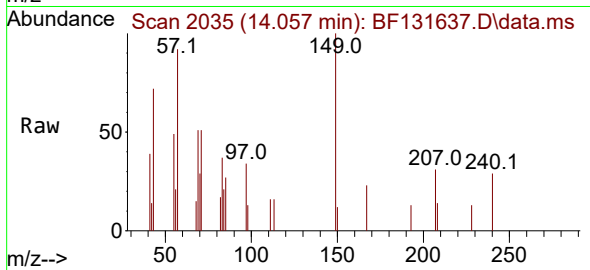




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.227 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131637.D
 Acq: 14 Dec 2022 23:46

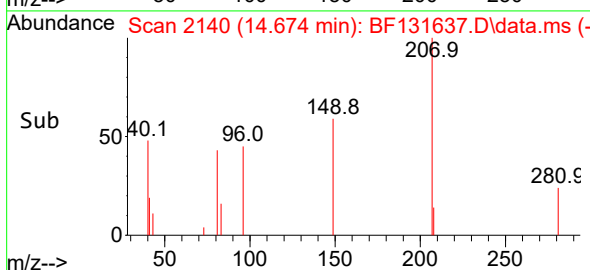
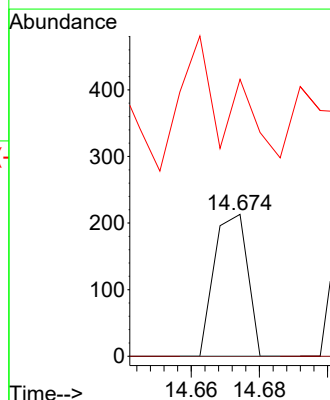
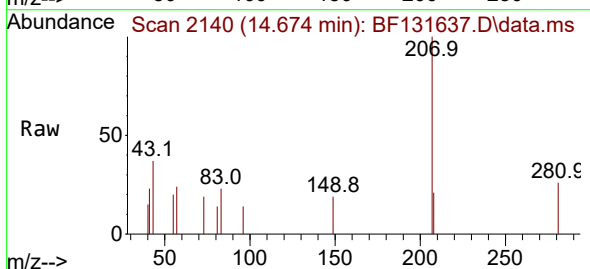
Instrument :
 BNA_F
 ClientSampleId :
 AOC2-B1-W5

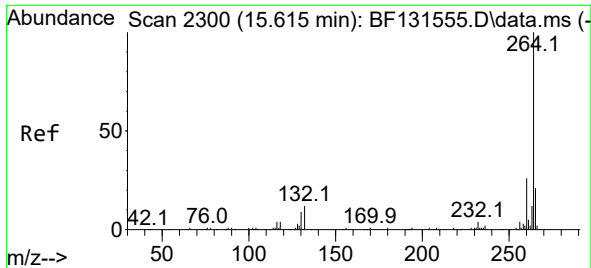
Tgt Ion:149 Resp: 1177
 Ion Ratio Lower Upper
 149 100
 167 22.6 20.8 31.2
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.233 ng
 RT: 14.674 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BF131637.D
 Acq: 14 Dec 2022 23:46

Tgt Ion:149 Resp: 144
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 159.0 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: BF131637.D
Acq: 14 Dec 2022 23:46

Instrument :
BNA_F
ClientSampleId :
AOC2-B1-W5

Tgt Ion:264 Resp: 142781
Ion Ratio Lower Upper
264 100
260 24.9 20.6 30.8
265 21.8 16.8 25.2

