

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131670.D
 Acq On : 16 Dec 2022 17:05
 Operator : CG\JU
 Sample : N6037-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-20-(5-7)

Quant Time: Dec 17 03:56:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

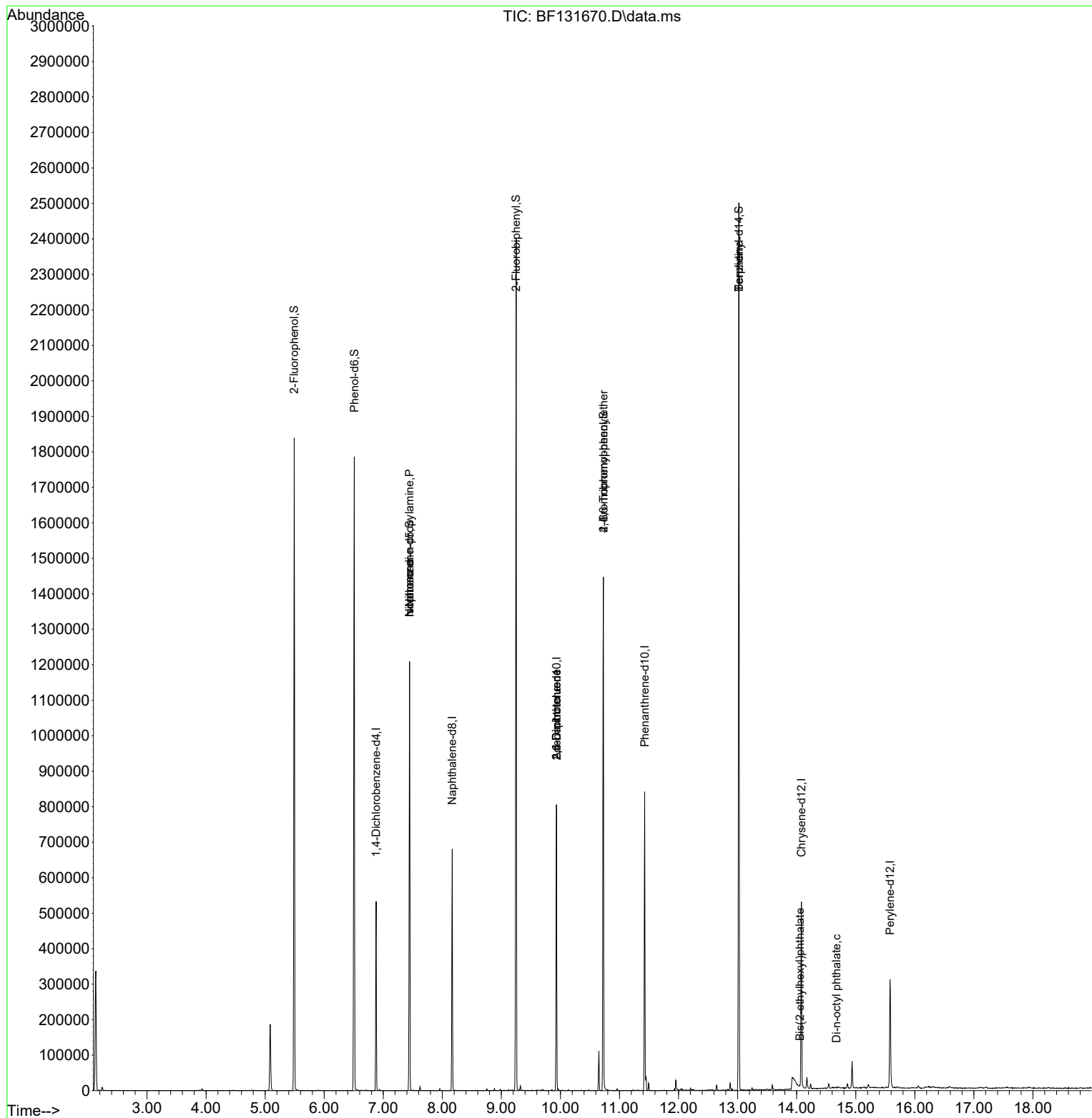
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69932	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	252132	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	145005	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	277342	20.000	ng	0.00
76) Chrysene-d12	14.080	240	167009	20.000	ng	0.00
86) Perylene-d12	15.580	264	146800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	432274	103.122	ng	0.00
7) Phenol-d6	6.510	99	559553	101.864	ng	0.00
23) Nitrobenzene-d5	7.445	82	384562	57.664	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	150588	93.472	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	668874	58.161	ng	0.00
79) Terphenyl-d14	13.021	244	796501	65.405	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	52830	12.826	ng	# 76
25) Isophorone	7.445	82	384652	35.808	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	19020	8.335	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	19020	6.283	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	10403	2.916	ng	# 1
77) Benzidine	13.021	184	11770	2.630	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.057	149	925	3.166	ng	# 85
85) Di-n-octyl phthalate	14.674	149	184	5.234	ng	# 1

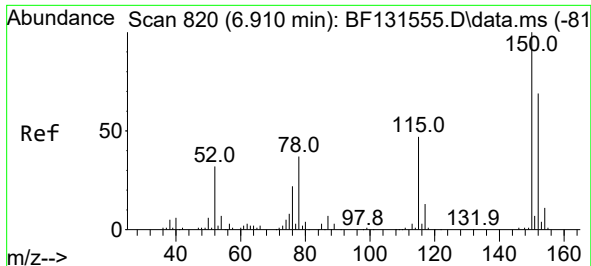
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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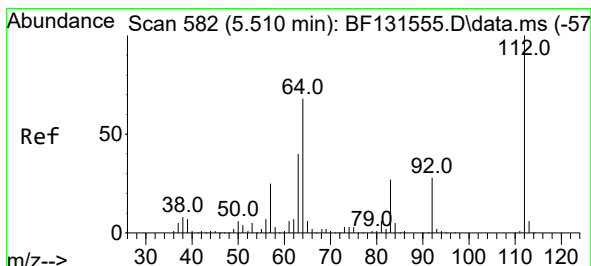
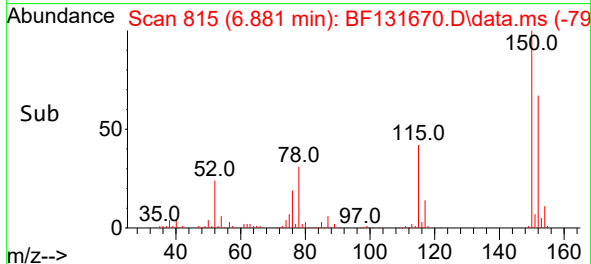
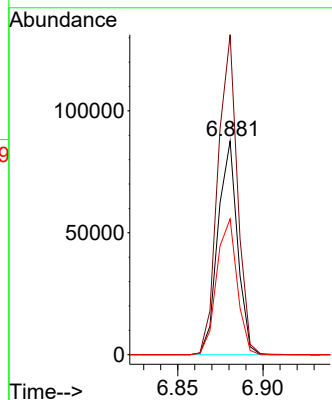
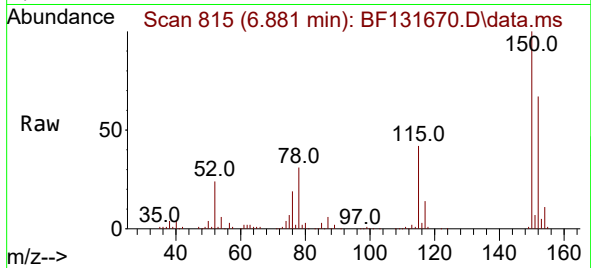




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

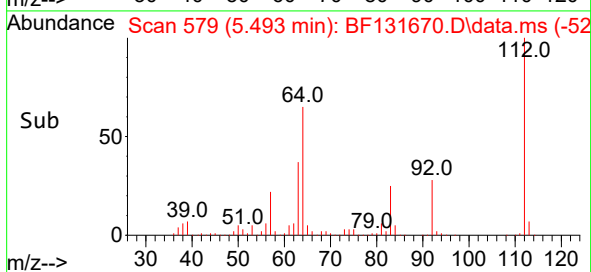
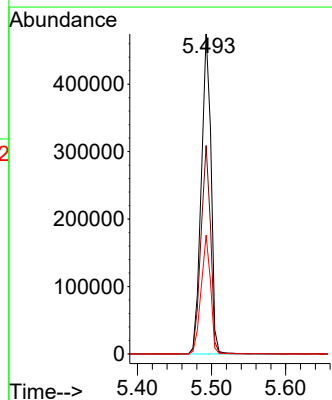
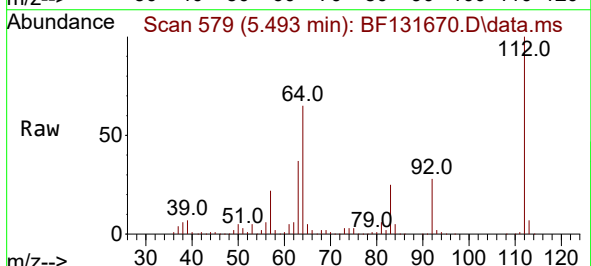
Instrument :
BNA_F
ClientSampleId :
RB-20-(5-7)

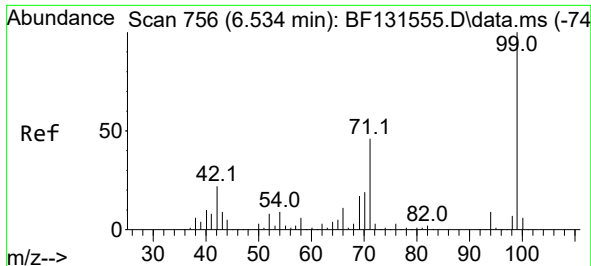
Tgt Ion:152 Resp: 69932
Ion Ratio Lower Upper
152 100
150 149.8 116.7 175.1
115 63.6 54.6 82.0



#5
2-Fluorophenol
Concen: 103.122 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

Tgt Ion:112 Resp: 432274
Ion Ratio Lower Upper
112 100
64 65.1 54.5 81.7
63 37.1 31.9 47.9

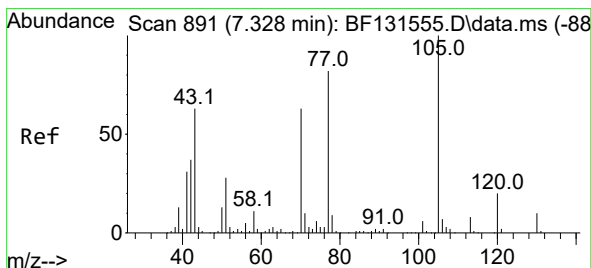
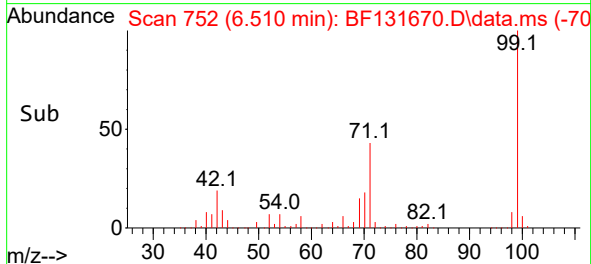
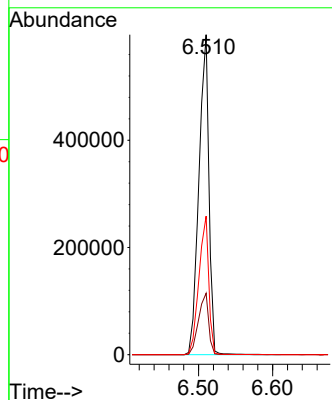
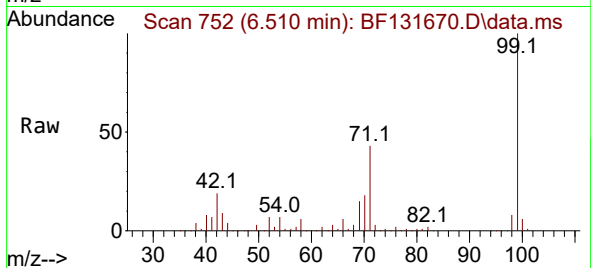




#7
Phenol-d6
Concen: 101.864 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

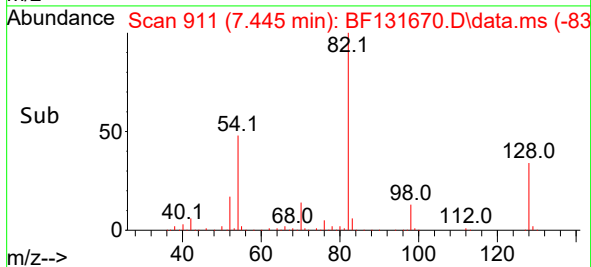
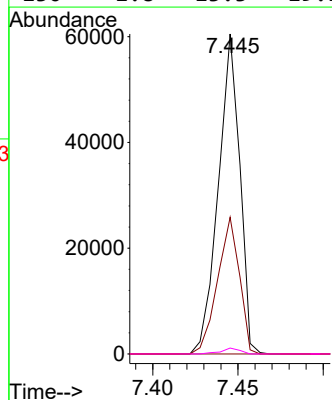
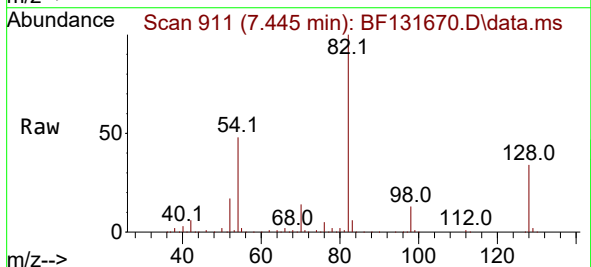
Instrument :
BNA_F
ClientSampleId :
RB-20-(5-7)

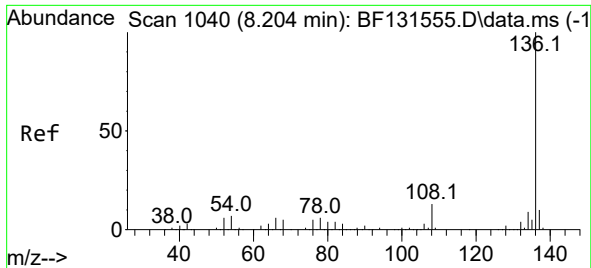
Tgt Ion: 99 Resp: 559553
Ion Ratio Lower Upper
99 100
42 19.2 17.9 26.9
71 43.3 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.826 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

Tgt Ion: 70 Resp: 52830
Ion Ratio Lower Upper
70 100
42 42.7 46.4 69.6#
101 0.0 7.2 10.8#
130 1.8 13.3 19.9#

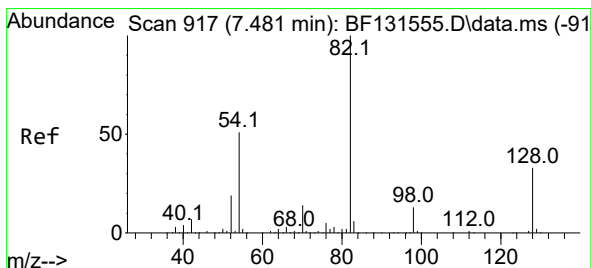
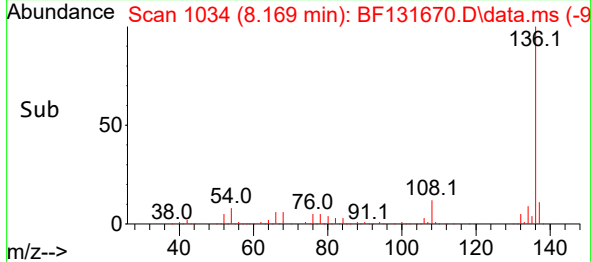
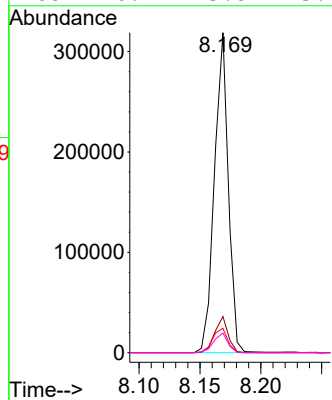
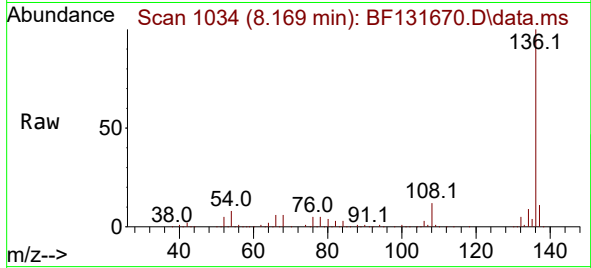




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

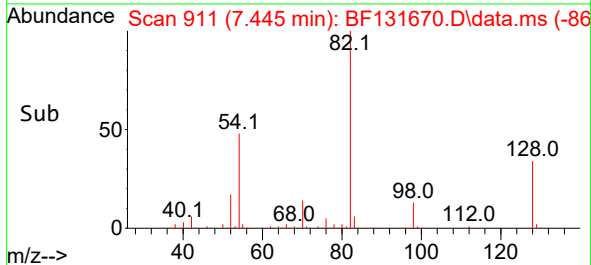
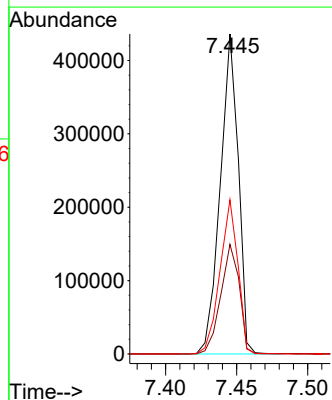
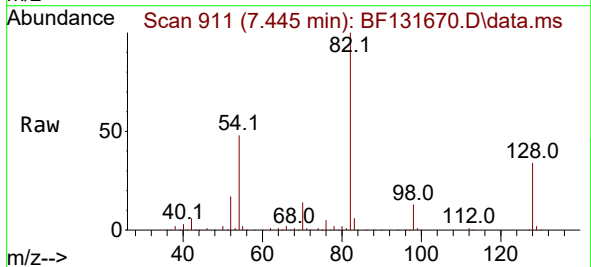
Instrument :
BNA_F
ClientSampleId :
RB-20-(5-7)

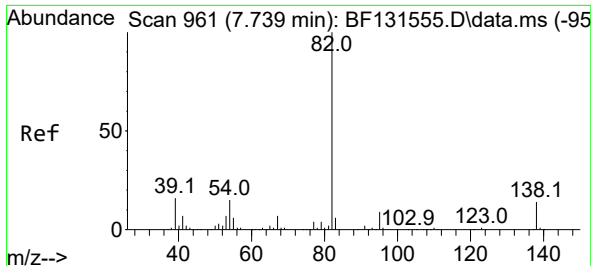
Tgt Ion:136 Resp: 252132
Ion Ratio Lower Upper
136 100
137 11.3 8.1 12.1
54 7.6 6.0 9.0
68 6.2 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 57.664 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

Tgt Ion: 82 Resp: 384562
Ion Ratio Lower Upper
82 100
128 34.3 26.1 39.1
54 48.2 40.6 60.8

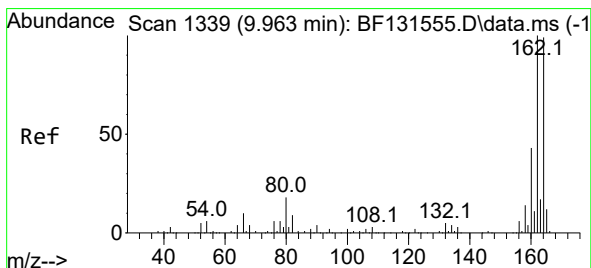
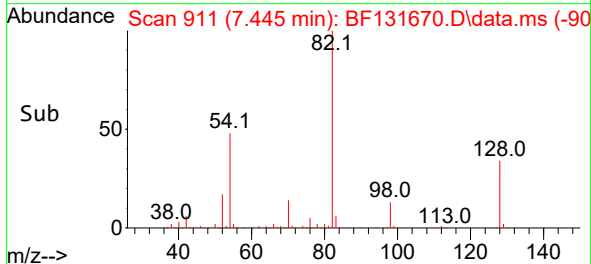
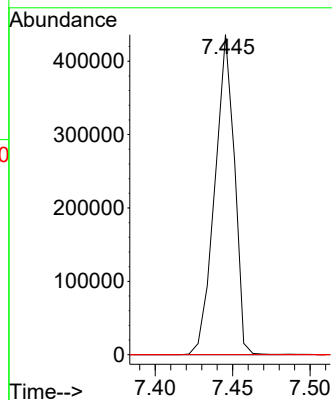
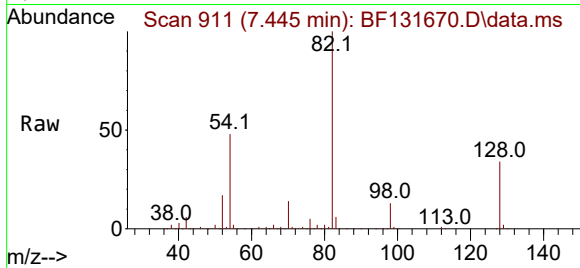




#25
Isophorone
Concen: 35.808 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

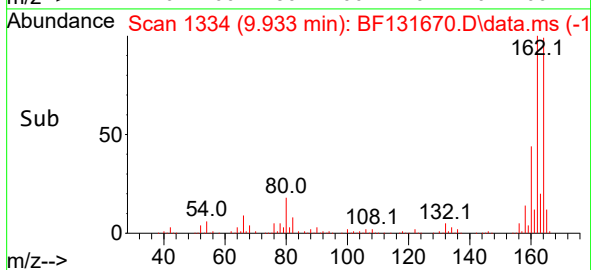
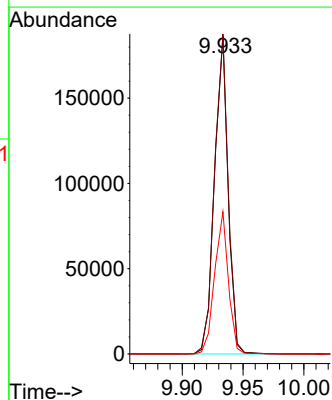
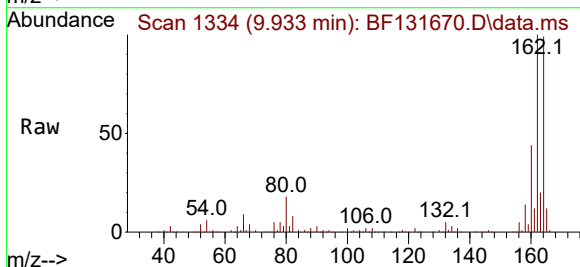
Instrument :
BNA_F
ClientSampleId :
RB-20-(5-7)

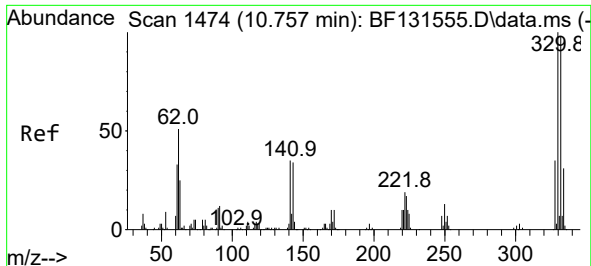
Tgt Ion: 82 Resp: 384652
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

Tgt Ion:164 Resp: 145005
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.6
160 44.7 35.0 52.6

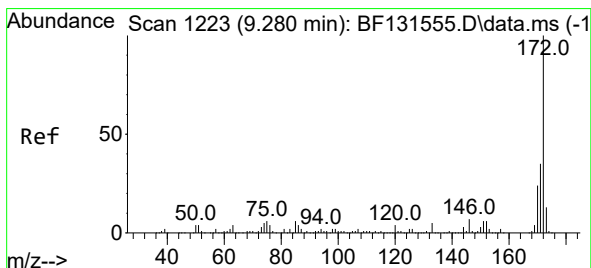
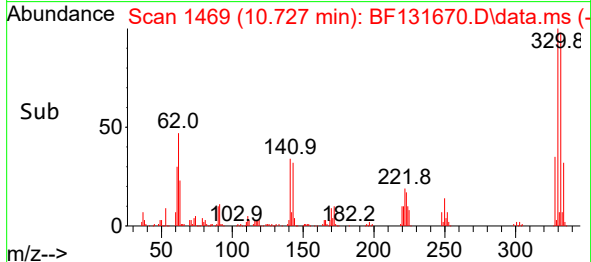
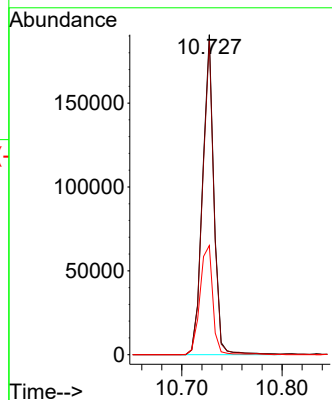
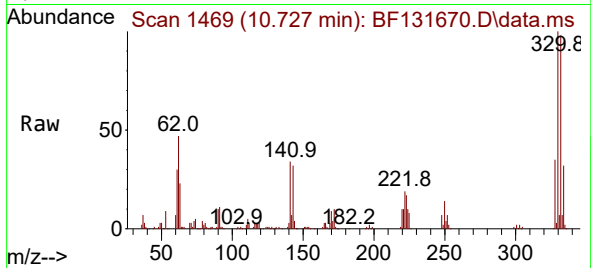




#42
2,4,6-Tribromophenol
Concen: 93.472 ng
RT: 10.727 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

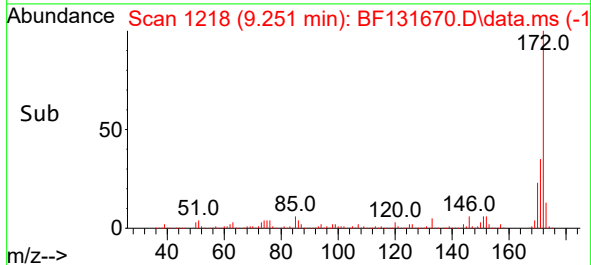
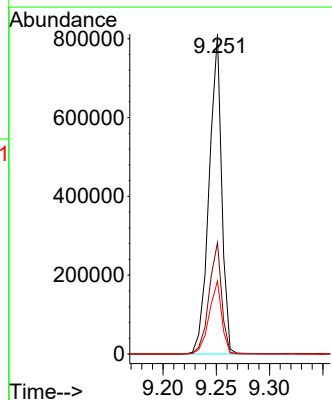
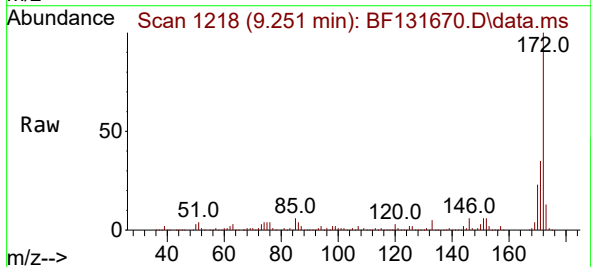
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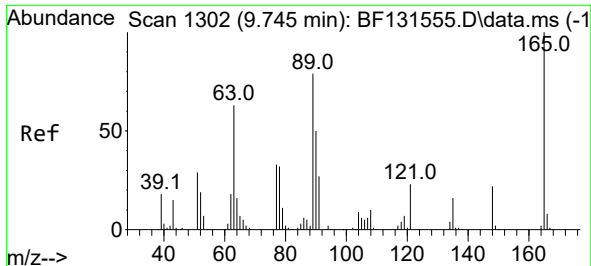
Tgt Ion:330 Resp: 150588
Ion Ratio Lower Upper
330 100
332 97.5 78.3 117.5
141 38.9 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 58.161 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

Tgt Ion:172 Resp: 668874
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.8 19.3 28.9

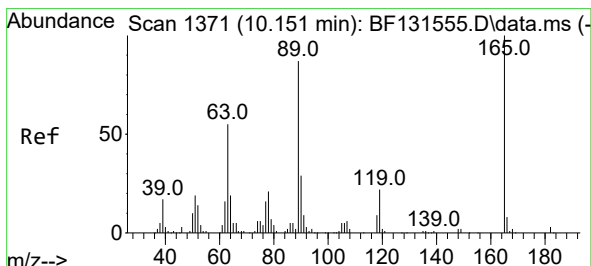
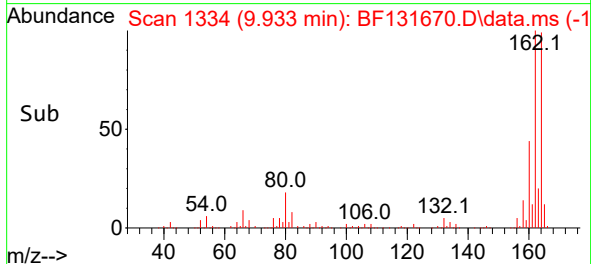
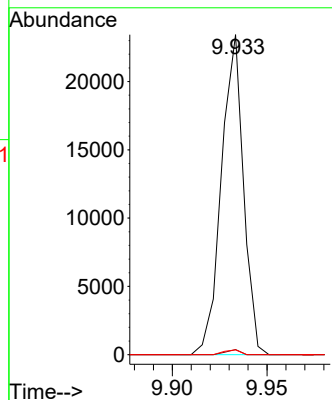
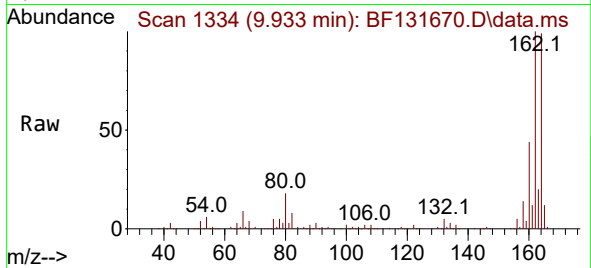




#51
2,6-Dinitrotoluene
Concen: 8.335 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

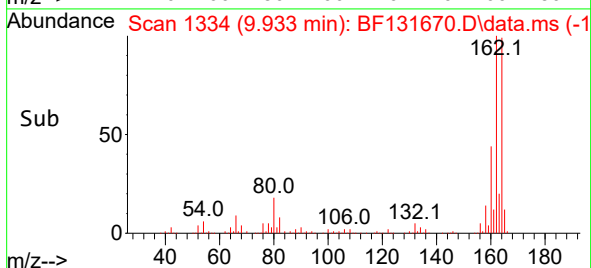
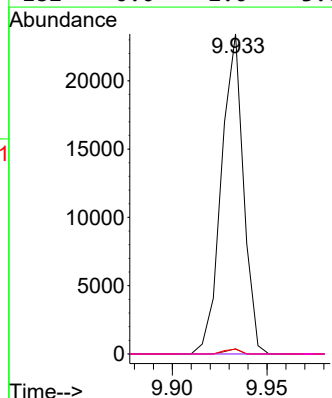
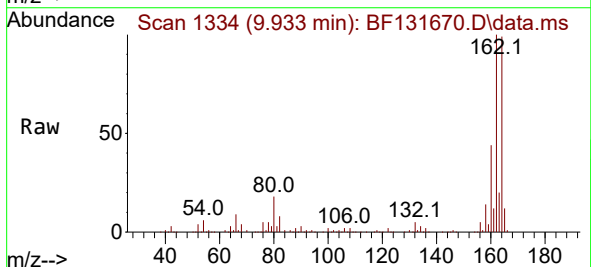
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RB-20-(5-7)

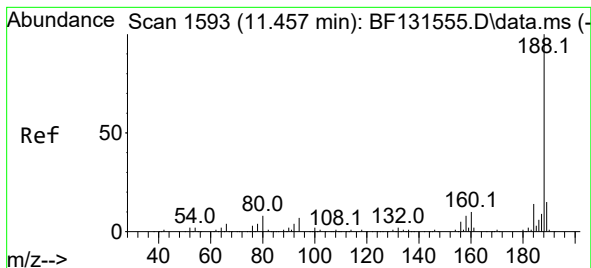
Tgt Ion:165 Resp: 19020
Ion Ratio Lower Upper
165 100
63 1.6 67.9 101.9#
89 1.5 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.283 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

Tgt Ion:165 Resp: 19020
Ion Ratio Lower Upper
165 100
63 1.6 44.4 66.6#
89 1.5 69.6 104.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131670.D

Acq: 16 Dec 2022 17:05

Instrument :

BNA_F

ClientSampleId :

RB-20-(5-7)

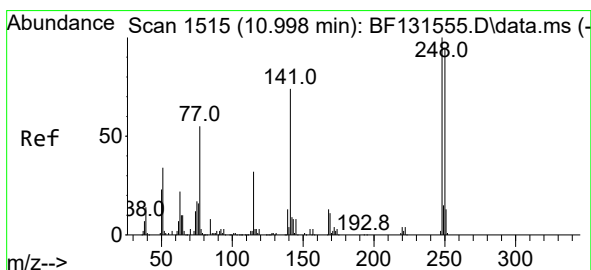
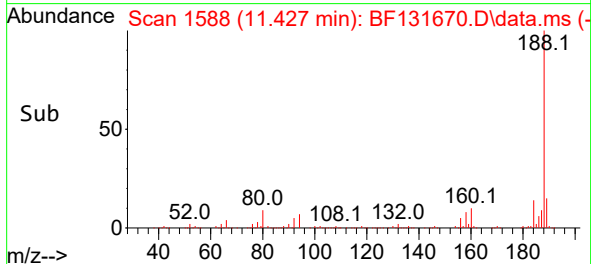
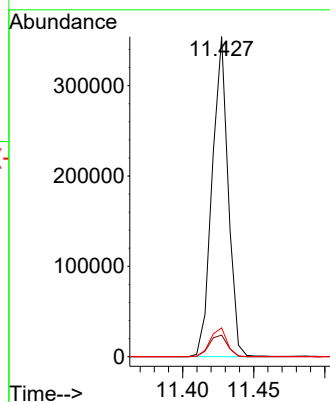
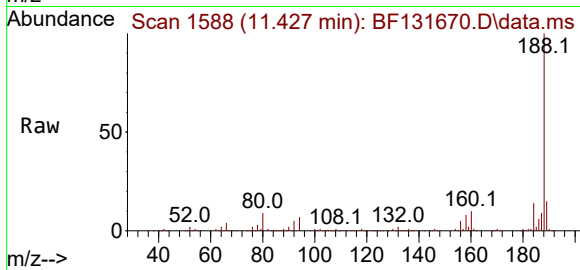
Tgt Ion:188 Resp: 277342

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

80 9.0 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 2.916 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.241 min

Lab File: BF131670.D

Acq: 16 Dec 2022 17:05

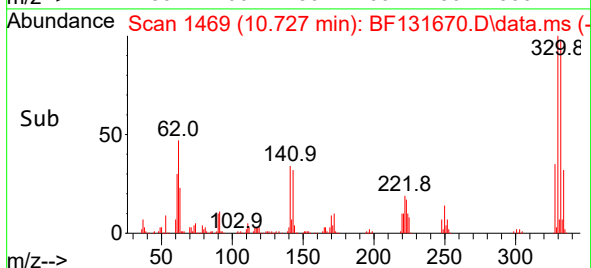
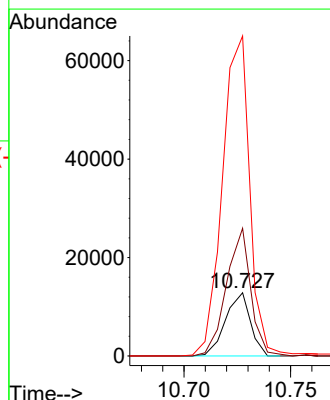
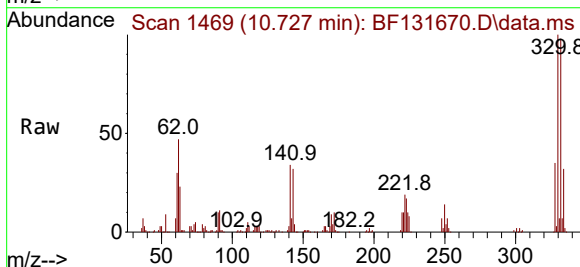
Tgt Ion:248 Resp: 10403

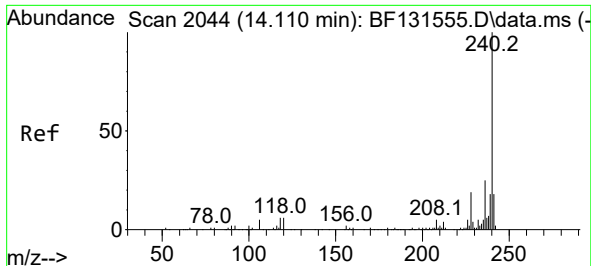
Ion Ratio Lower Upper

248 100

250 201.9 76.2 114.2#

141 506.2 59.5 89.3#

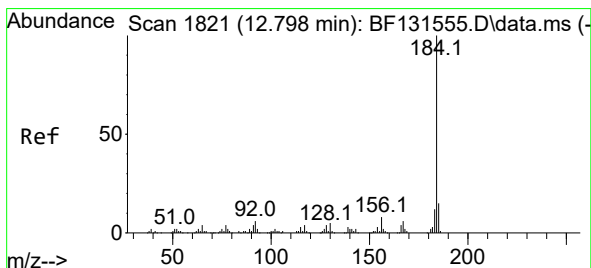
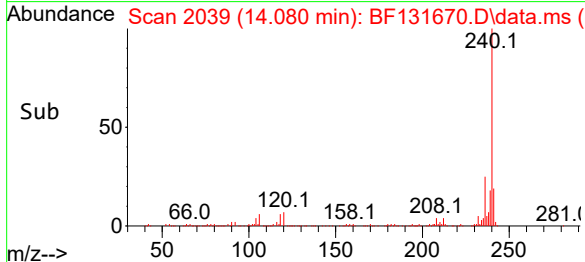
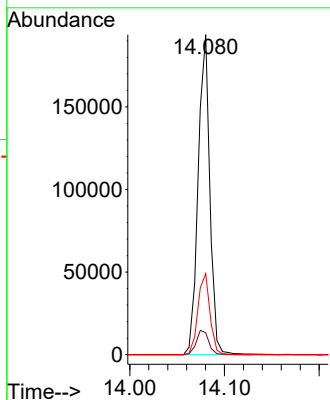
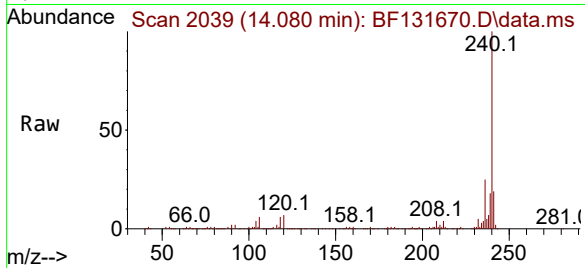




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

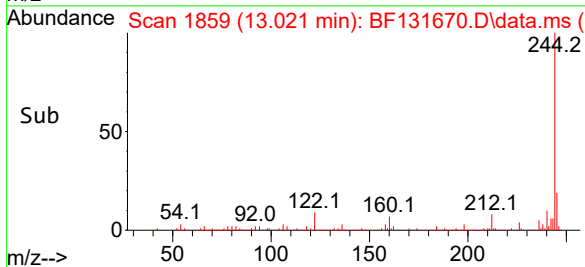
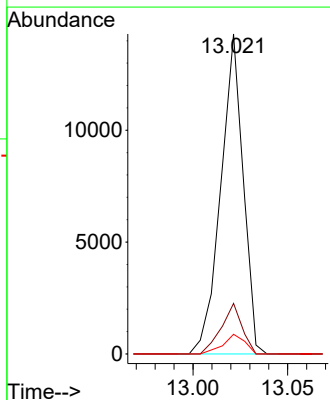
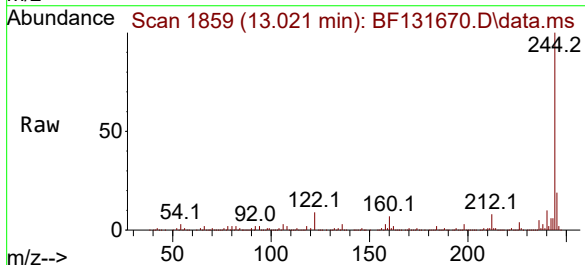
Instrument :
BNA_F
ClientSampleId :
RB-20-(5-7)

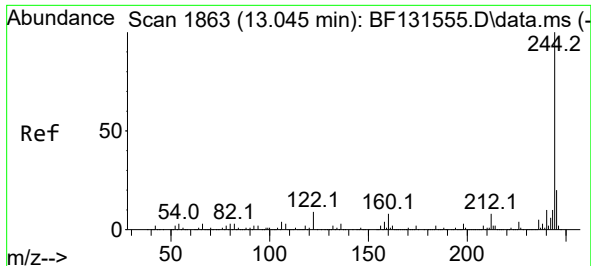
Tgt Ion:240 Resp: 167009
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 25.4 20.2 30.2



#77
Benzidine
Concen: 2.630 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

Tgt Ion:184 Resp: 11770
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 6.2 9.3 13.9#

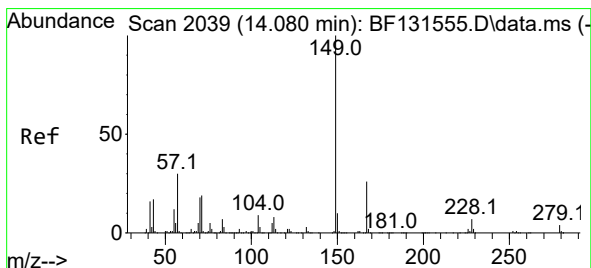
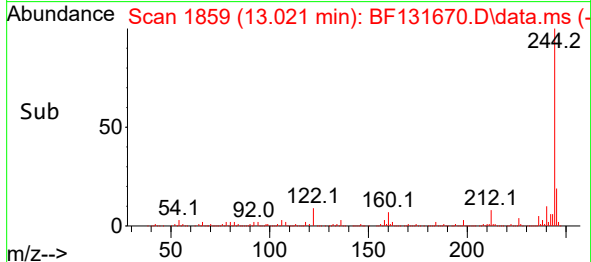
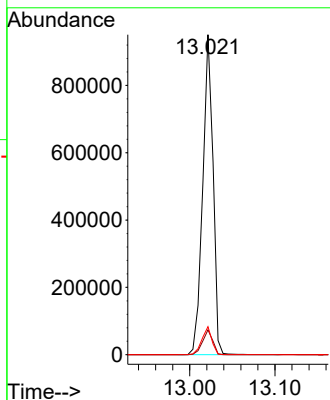
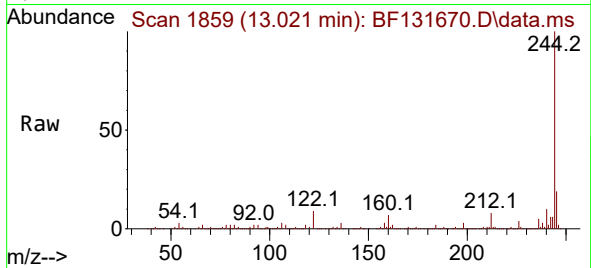




#79
 Terphenyl-d14
 Concen: 65.405 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BF131670.D
 Acq: 16 Dec 2022 17:05

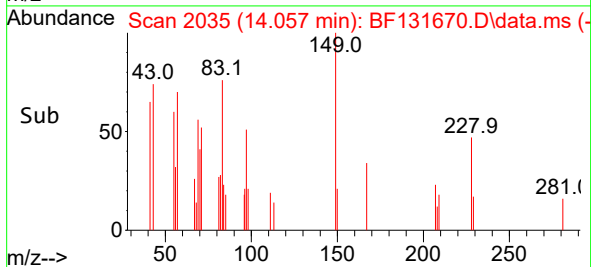
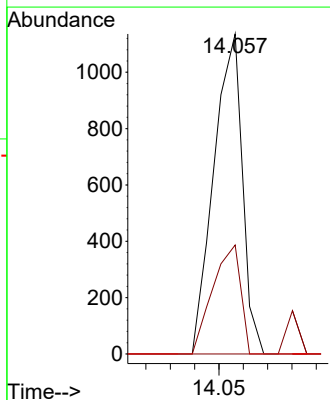
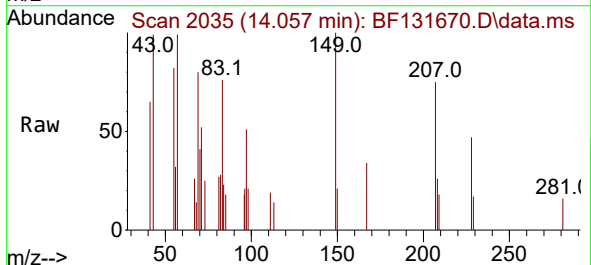
Instrument :
 BNA_F
 ClientSampleId :
 RB-20-(5-7)

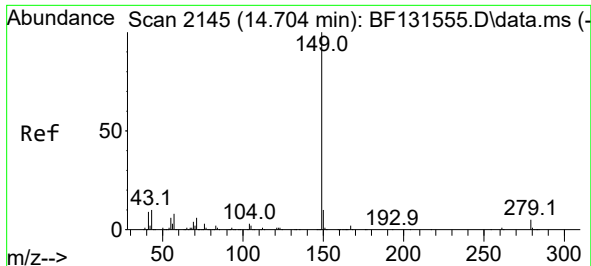
Tgt Ion:244 Resp: 796501
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.7 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.166 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF131670.D
 Acq: 16 Dec 2022 17:05

Tgt Ion:149 Resp: 925
 Ion Ratio Lower Upper
 149 100
 167 34.1 20.8 31.2#
 279 0.0 3.3 4.9#

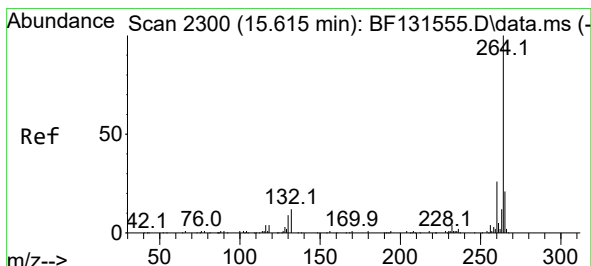
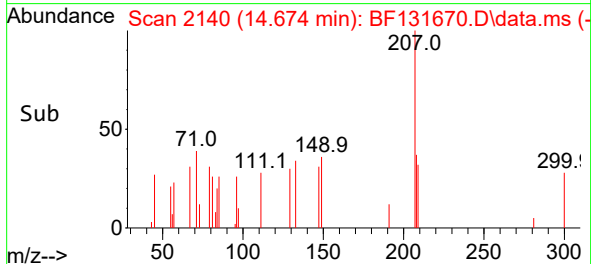
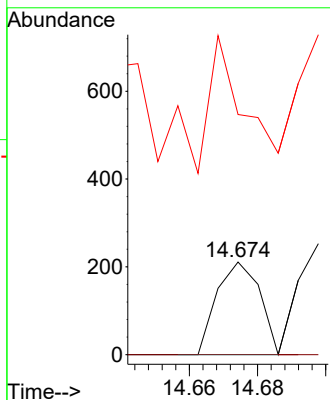
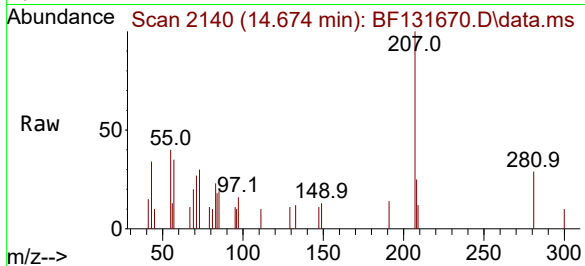




#85
Di-n-octyl phthalate
Concen: 5.234 ng
RT: 14.674 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

Instrument :
BNA_F
ClientSampleId :
RB-20-(5-7)

Tgt Ion:149 Resp: 184
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 119.0 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF131670.D
Acq: 16 Dec 2022 17:05

Tgt Ion:264 Resp: 146800
Ion Ratio Lower Upper
264 100
260 22.6 20.6 30.8
265 20.8 16.8 25.2

