

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120722\
 Data File : BF131549.D
 Acq On : 07 Dec 2022 22:50
 Operator : CG\JU
 Sample : PB149277BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149277BL

Quant Time: Dec 08 04:54:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 04:25:30 2022
 Response via : Initial Calibration

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

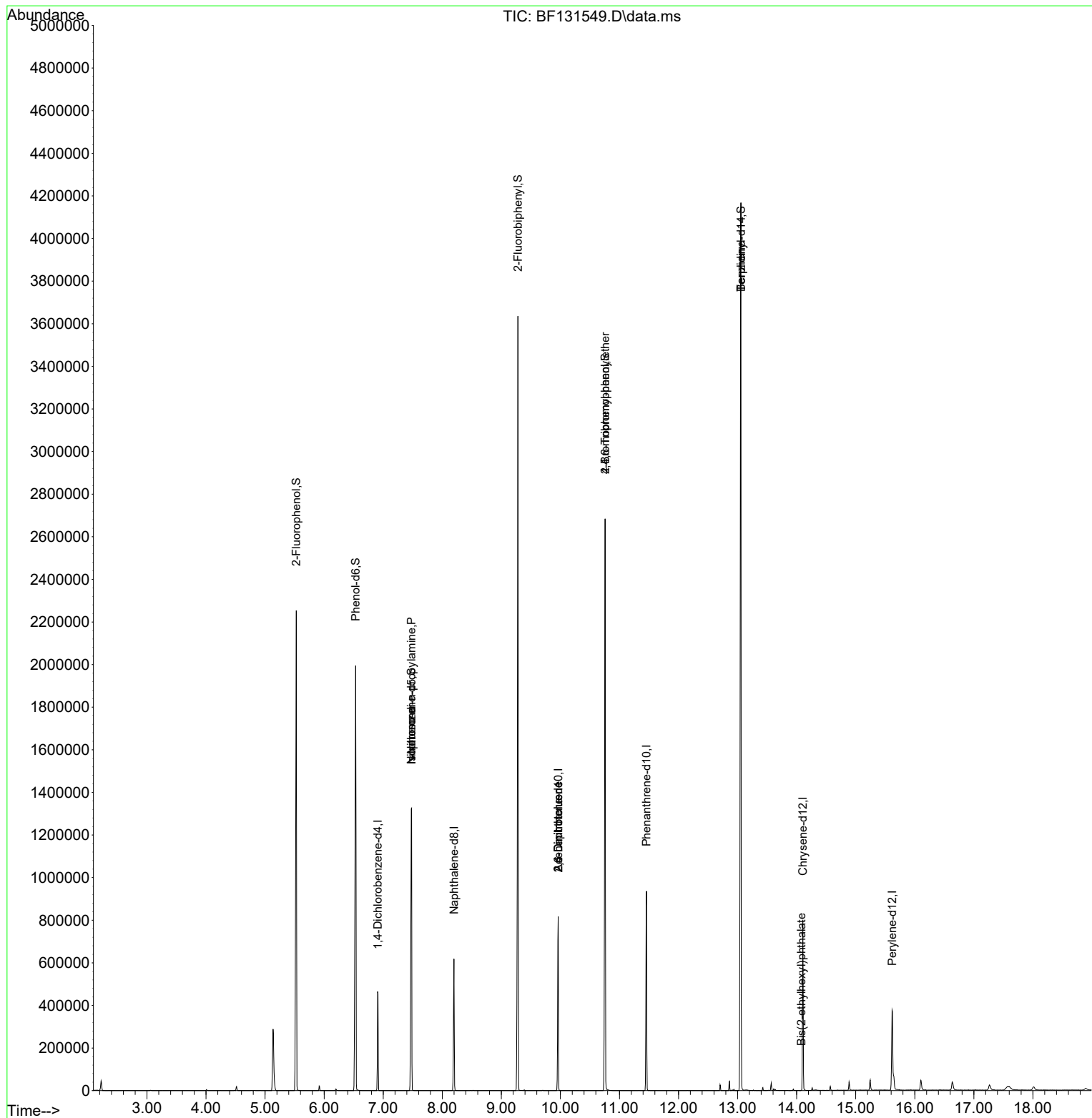
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	64321	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	245073	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	162171	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	333294	20.000	ng	0.00
76) Chrysene-d12	14.104	240	253969	20.000	ng	0.00
86) Perylene-d12	15.616	264	189866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	565399	148.467	ng	0.01
7) Phenol-d6	6.534	99	741166	146.969	ng	0.00
23) Nitrobenzene-d5	7.475	82	535761	85.550	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	282224	149.215	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1048988	82.072	ng	0.00
79) Terphenyl-d14	13.057	244	1595500	83.692	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	77866	20.076	ng	# 77
25) Isophorone	7.475	82	534689	51.011	ng	# 71
51) 2,6-Dinitrotoluene	9.963	165	20706	8.031	ng	# 16
57) 2,4-Dinitrotoluene	9.963	165	20706	6.056	ng	# 21
67) 4-Bromophenyl-phenylether	10.757	248	18806	4.294	ng	# 1
77) Benzidine	13.057	184	25283	5.259	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.080	149	468	3.795	ng	# 97

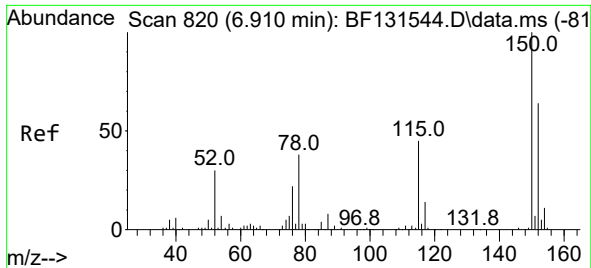
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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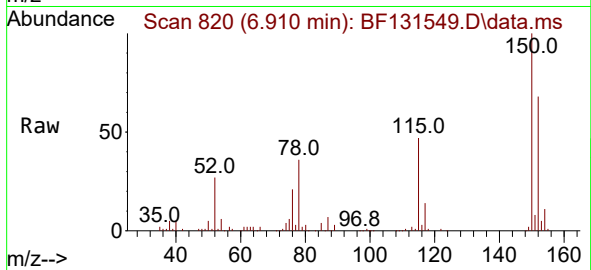
Quant Time: Dec 08 04:54:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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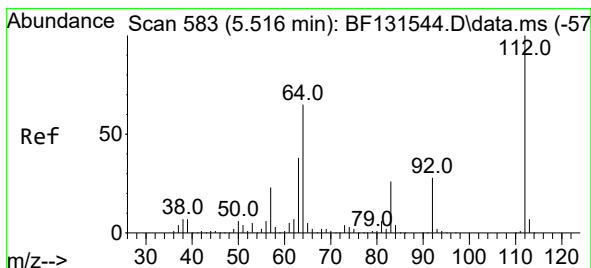
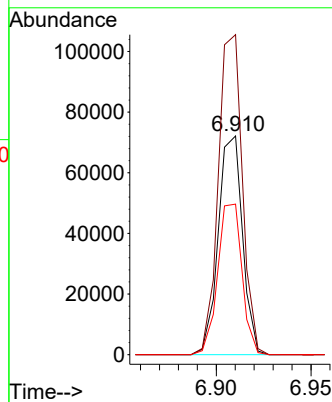
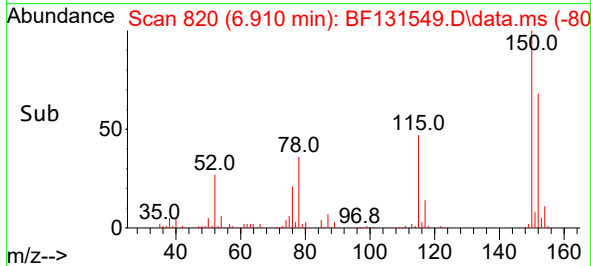


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Instrument :
BNA_F
ClientSampleId :
PB149277BL

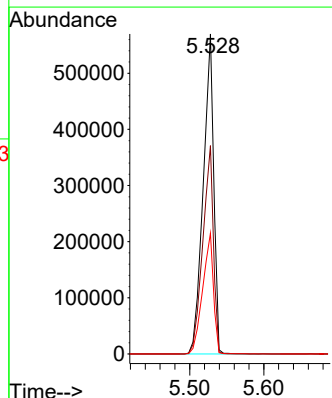
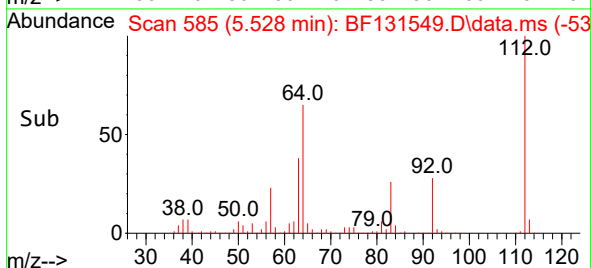
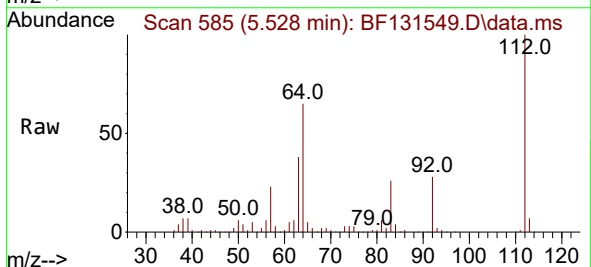


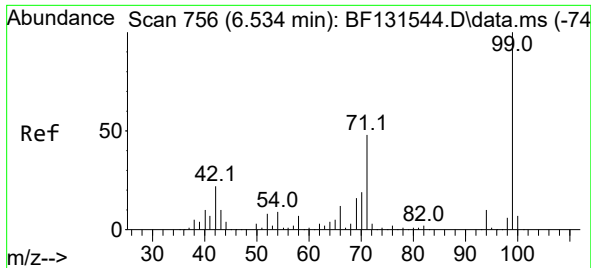
Tgt Ion:152 Resp: 64321
Ion Ratio Lower Upper
152 100
150 146.3 124.3 186.5
115 68.8 56.2 84.4



#5
2-Fluorophenol
Concen: 148.467 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Tgt Ion:112 Resp: 565399
Ion Ratio Lower Upper
112 100
64 65.1 51.9 77.9
63 37.8 30.1 45.1

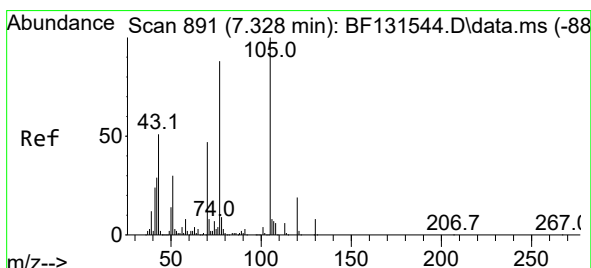
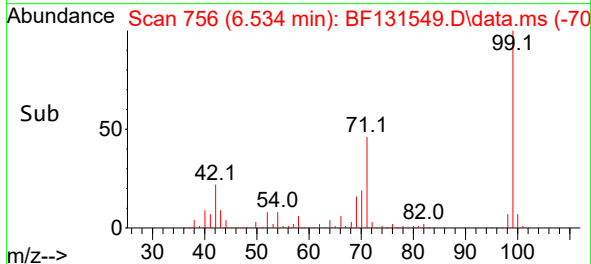
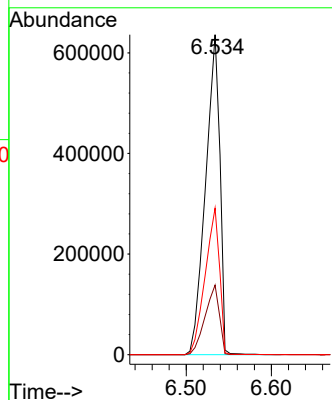
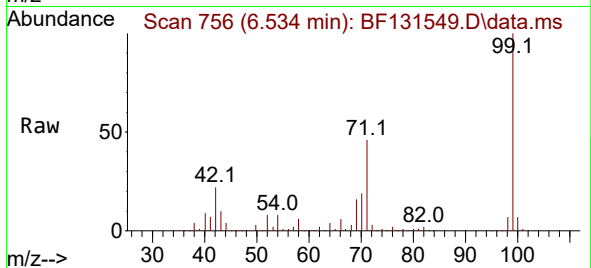




#7
Phenol-d6
Concen: 146.969 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

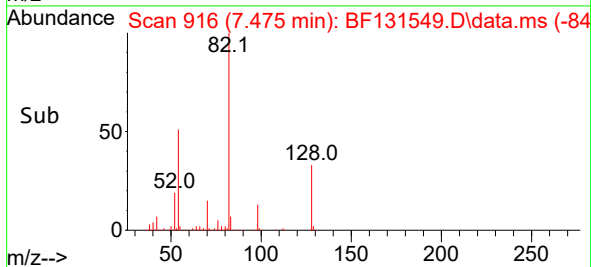
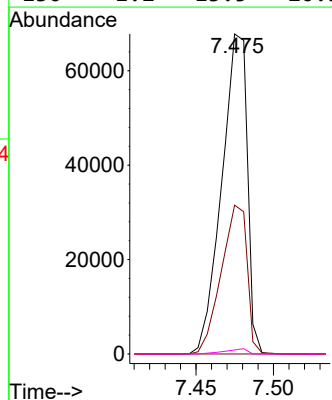
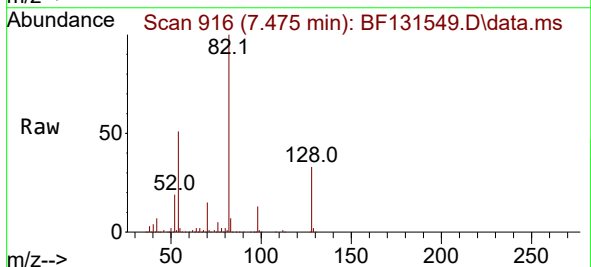
Instrument :
BNA_F
ClientSampleId :
PB149277BL

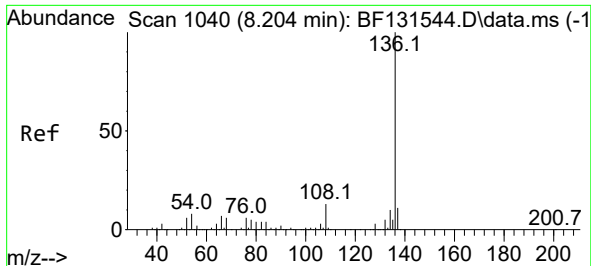
Tgt Ion: 99 Resp: 741166
Ion Ratio Lower Upper
99 100
42 21.8 17.9 26.9
71 45.8 38.4 57.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.076 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Tgt Ion: 70 Resp: 77866
Ion Ratio Lower Upper
70 100
42 46.5 48.5 72.7#
101 0.0 7.0 10.6#
130 1.2 13.5 20.3#

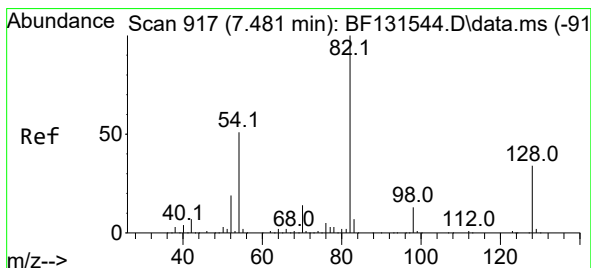
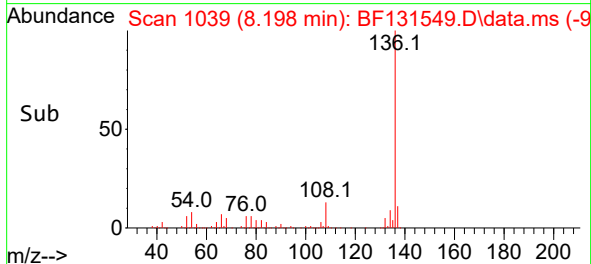
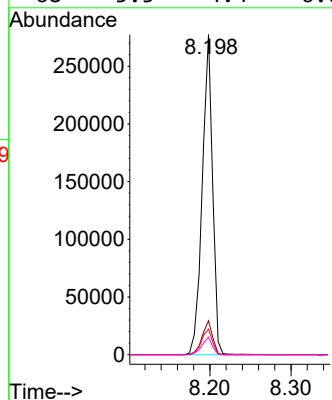
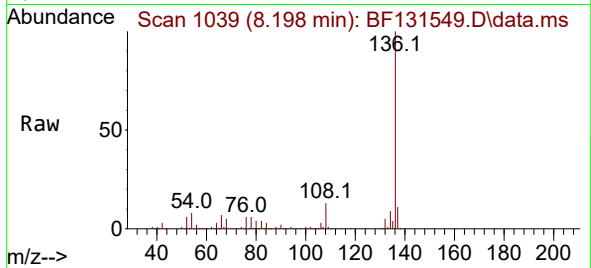




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

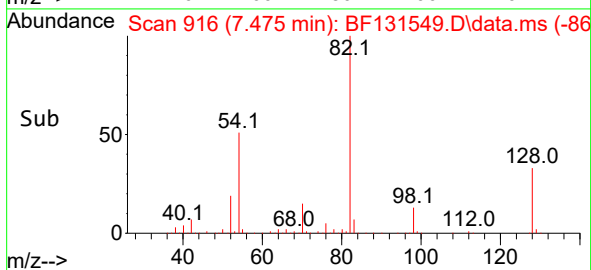
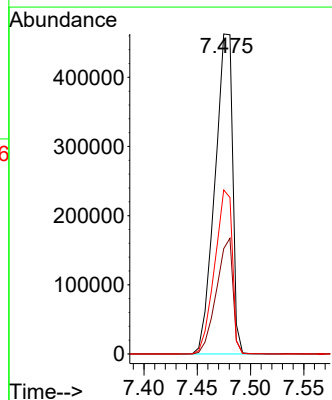
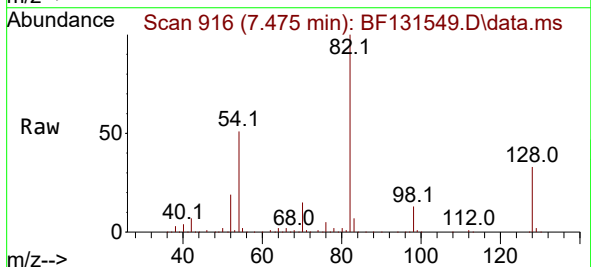
Instrument :
BNA_F
ClientSampleId :
PB149277BL

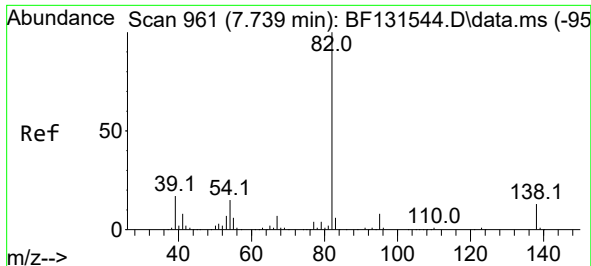
Tgt Ion:136 Resp: 245073
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.0 6.7 10.1
68 5.5 4.4 6.6



#23
Nitrobenzene-d5
Concen: 85.550 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Tgt Ion: 82 Resp: 535761
Ion Ratio Lower Upper
82 100
128 32.9 27.0 40.6
54 51.2 41.1 61.7

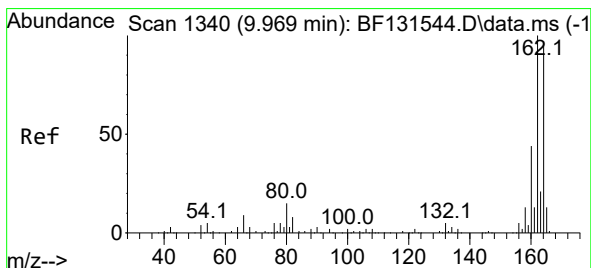
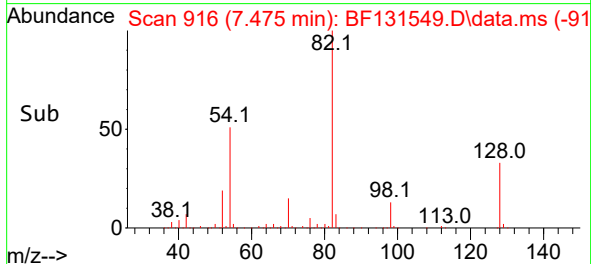
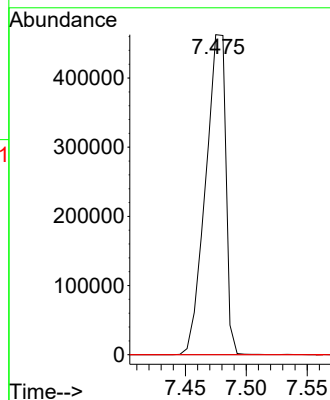
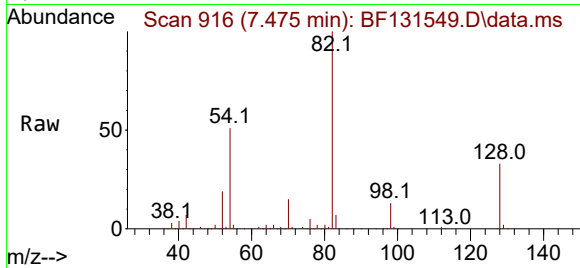




#25
Isophorone
Concen: 51.011 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

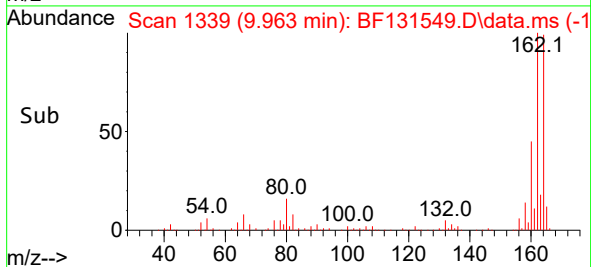
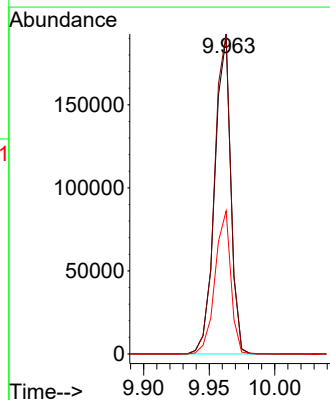
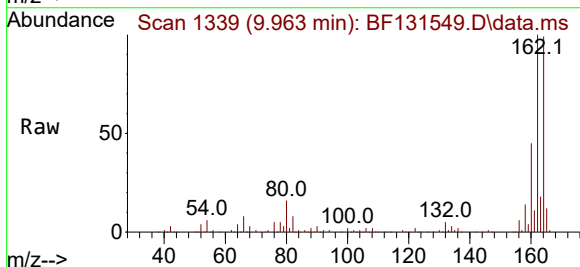
Instrument :
BNA_F
ClientSampleId :
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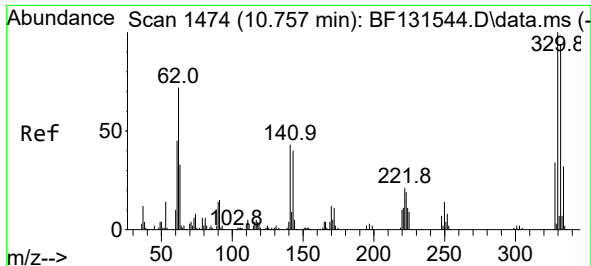
Tgt Ion: 82 Resp: 534689
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 10.7 16.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Tgt Ion:164 Resp: 162171
Ion Ratio Lower Upper
164 100
162 101.0 82.6 124.0
160 45.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 149.215 ng

RT: 10.757 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131549.D

Acq: 07 Dec 2022 22:50

Instrument :

BNA_F

ClientSampleId :

PB149277BL

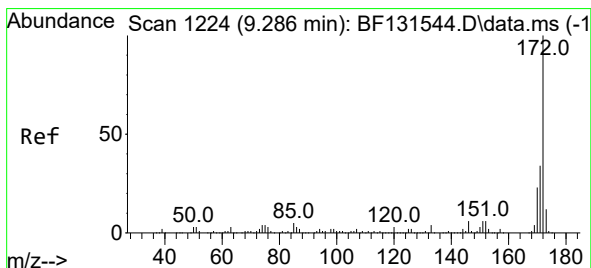
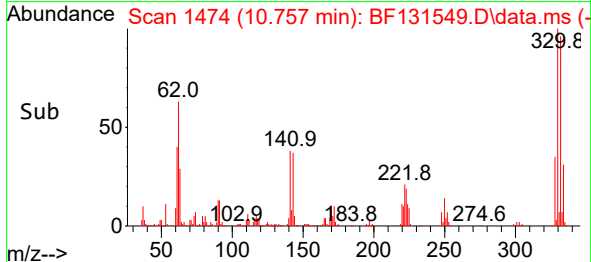
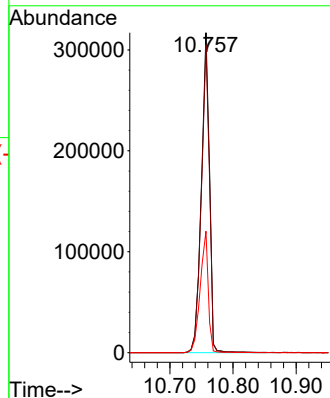
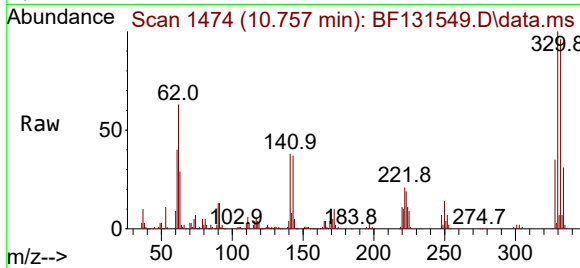
Tgt Ion:330 Resp: 282224

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 37.5 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 82.072 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF131549.D

Acq: 07 Dec 2022 22:50

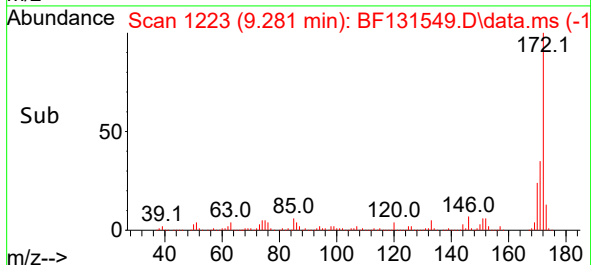
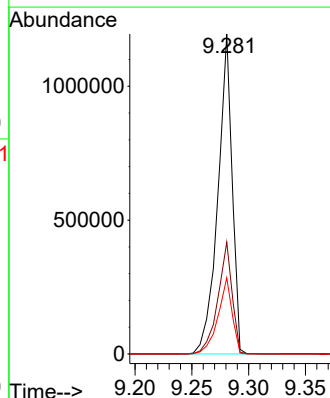
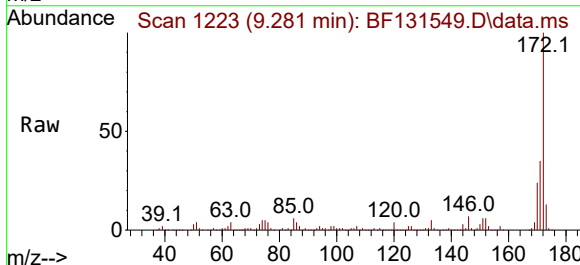
Tgt Ion:172 Resp: 1048988

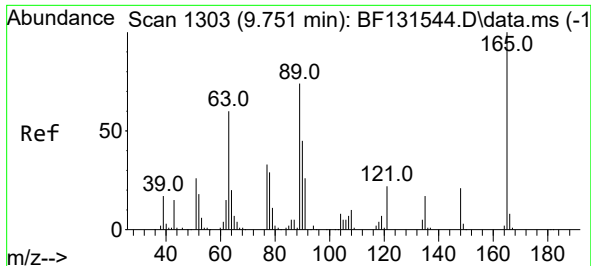
Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.0

170 23.8 18.5 27.7

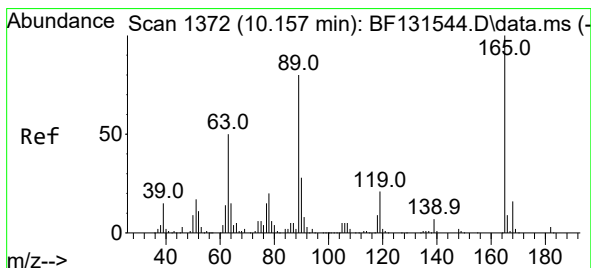
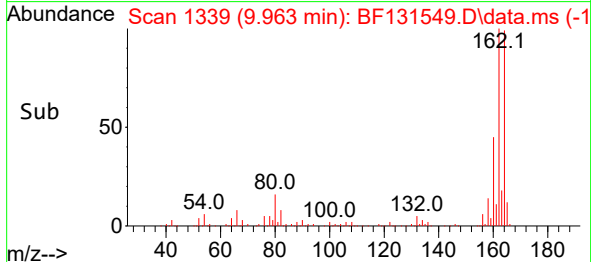
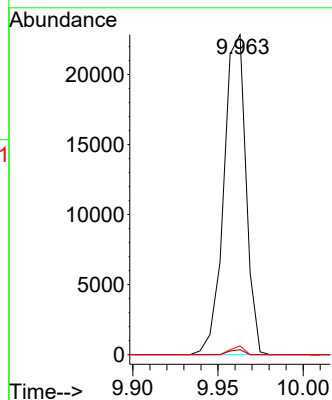
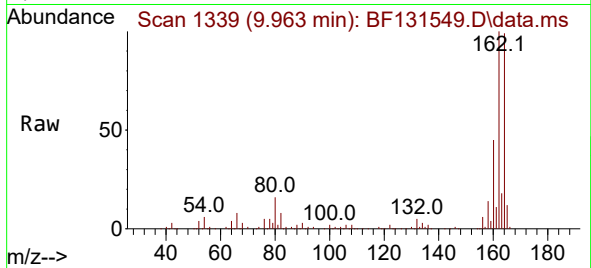




#51
2,6-Dinitrotoluene
Concen: 8.031 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

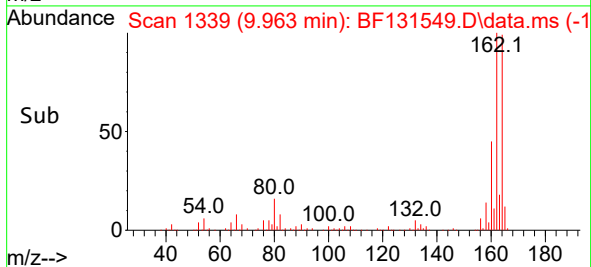
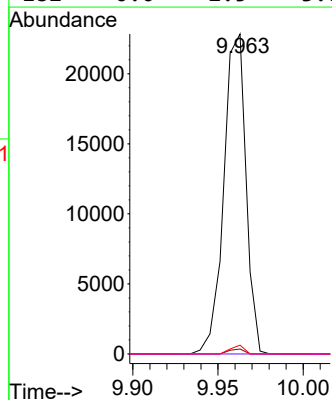
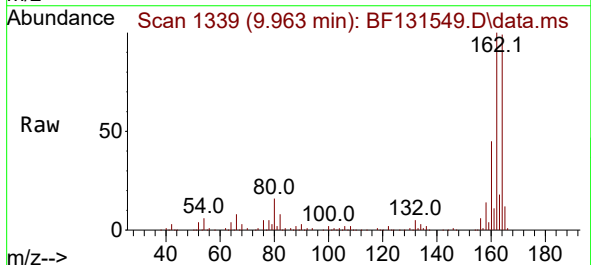
Instrument :
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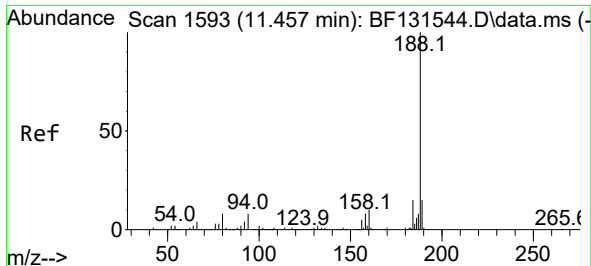
Tgt Ion:165 Resp: 20706
Ion Ratio Lower Upper
165 100
63 1.5 57.5 86.3#
89 2.8 59.4 89.2#



#57
2,4-Dinitrotoluene
Concen: 6.056 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.194 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Tgt Ion:165 Resp: 20706
Ion Ratio Lower Upper
165 100
63 1.5 40.2 60.2#
89 2.8 64.1 96.1#
182 0.0 2.5 3.7#

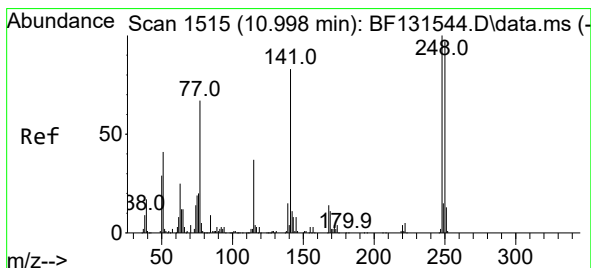
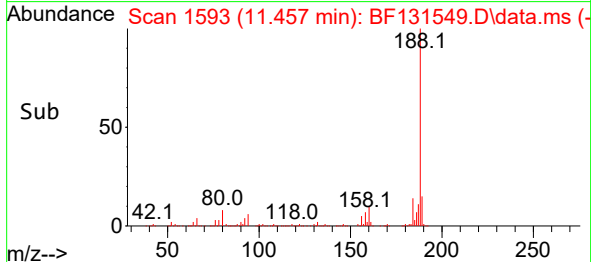
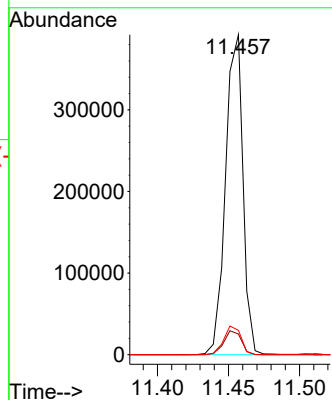
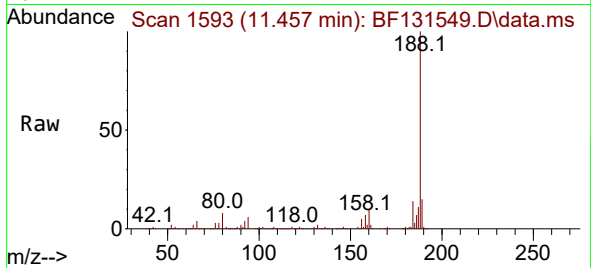




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

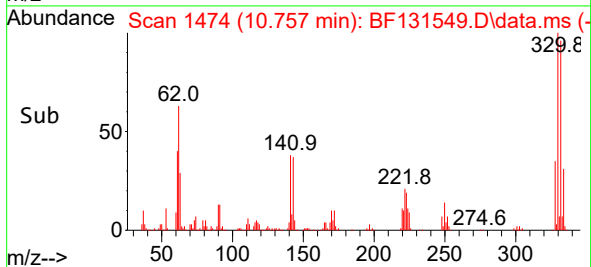
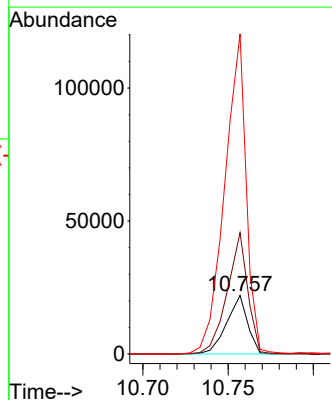
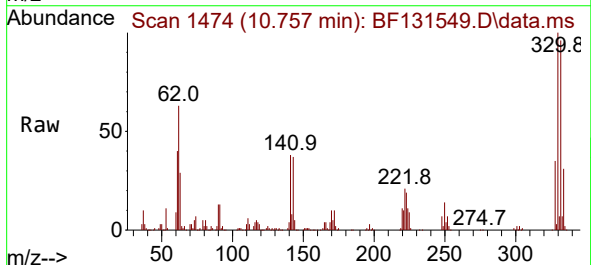
Instrument :
BNA_F
ClientSampleId :
PB149277BL

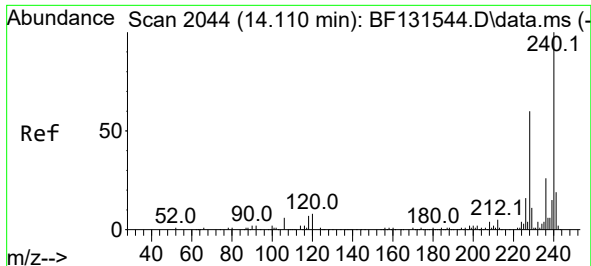
Tgt Ion:188 Resp: 333294
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 7.6 6.2 9.4



#67
4-Bromophenyl-phenylether
Concen: 4.294 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.241 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Tgt Ion:248 Resp: 18806
Ion Ratio Lower Upper
248 100
250 207.4 77.9 116.9#
141 546.9 66.6 99.8#

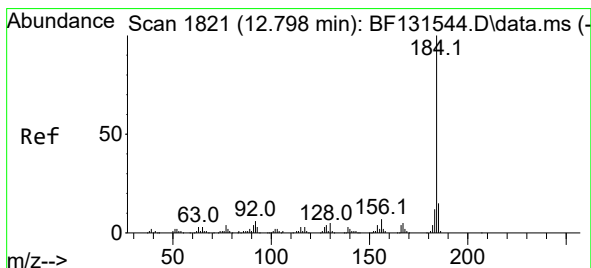
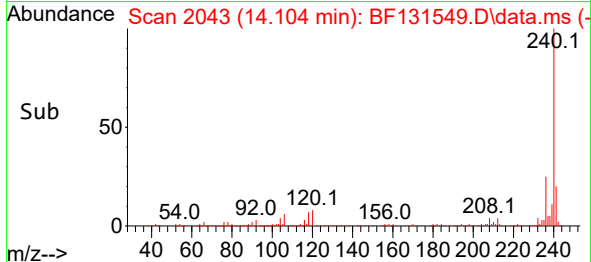
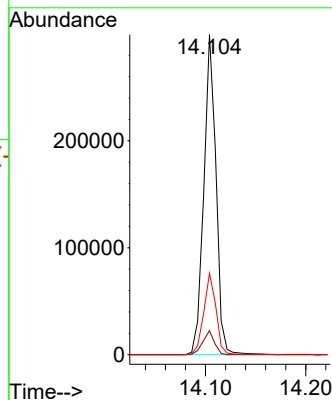
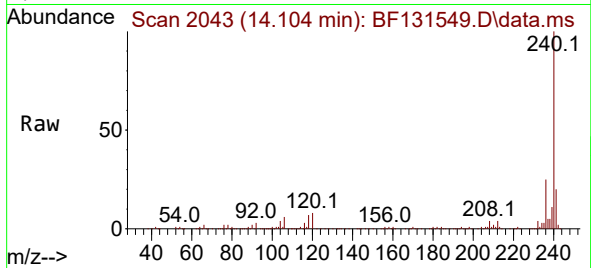




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

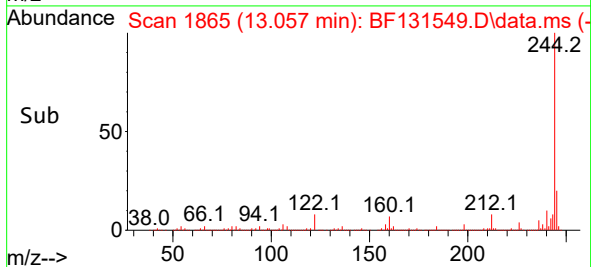
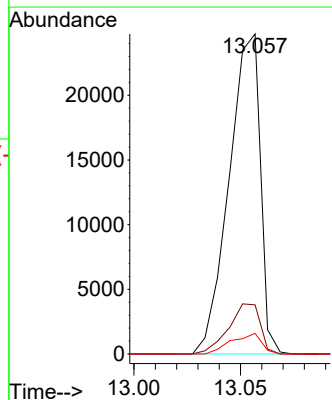
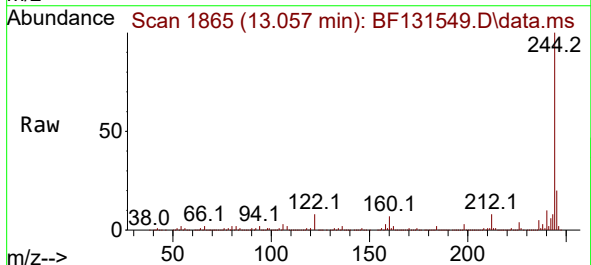
Instrument :
BNA_F
ClientSampleId :
PB149277BL

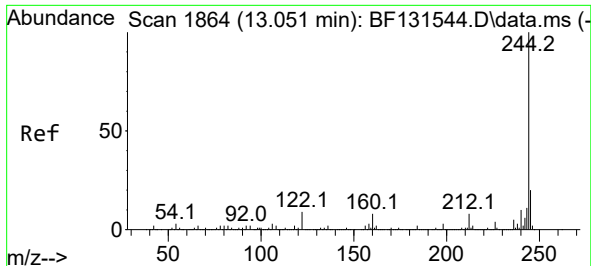
Tgt Ion:240 Resp: 253969
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 25.4 20.5 30.7



#77
Benzidine
Concen: 5.259 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.259 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Tgt Ion:184 Resp: 25283
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.4
183 6.5 9.3 13.9#

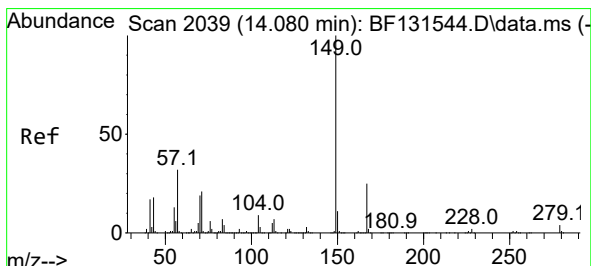
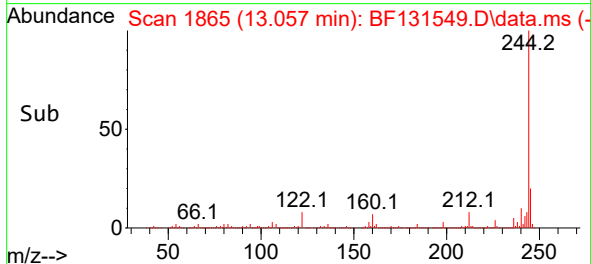
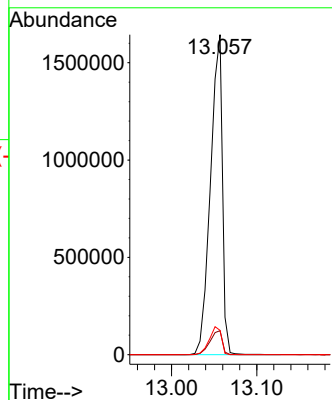
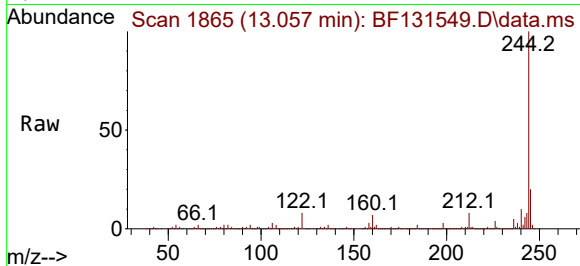




#79
 Terphenyl-d14
 Concen: 83.692 ng
 RT: 13.057 min Scan# 1865
 Delta R.T. 0.006 min
 Lab File: BF131549.D
 Acq: 07 Dec 2022 22:50

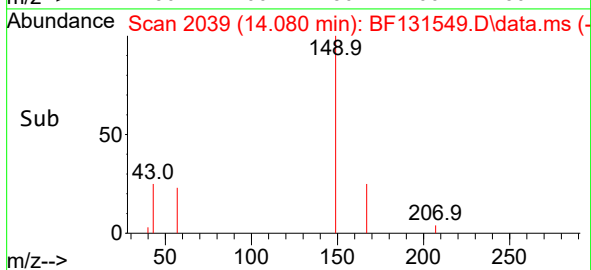
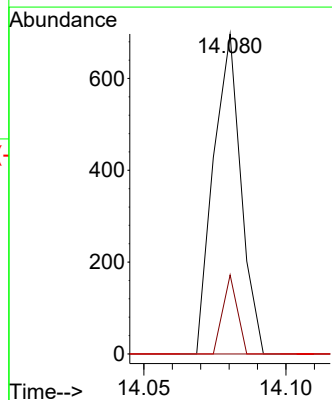
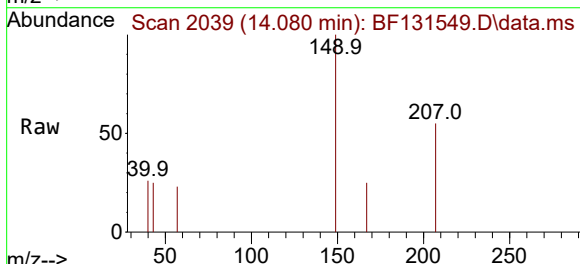
Instrument :
 BNA_F
 ClientSampleId :
 PB149277BL

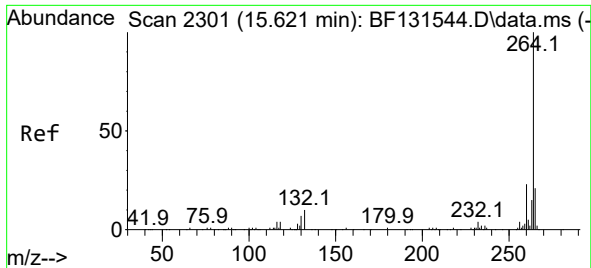
Tgt Ion:244 Resp: 1595500
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 7.6 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.795 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF131549.D
 Acq: 07 Dec 2022 22:50

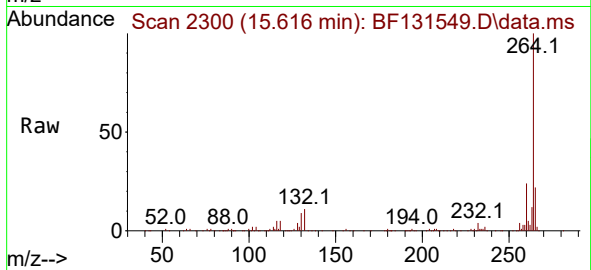
Tgt Ion:149 Resp: 468
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.3 30.5
 279 0.0 3.0 4.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Instrument :
BNA_F
ClientSampleId :
PB149277BL



Tgt Ion:264 Resp: 189866
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.2
265 22.0 16.6 25.0

