

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134173.D
 Acq On : 09 Jul 2023 06:07
 Operator : CG\JU
 Sample : 03507-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 07:07:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

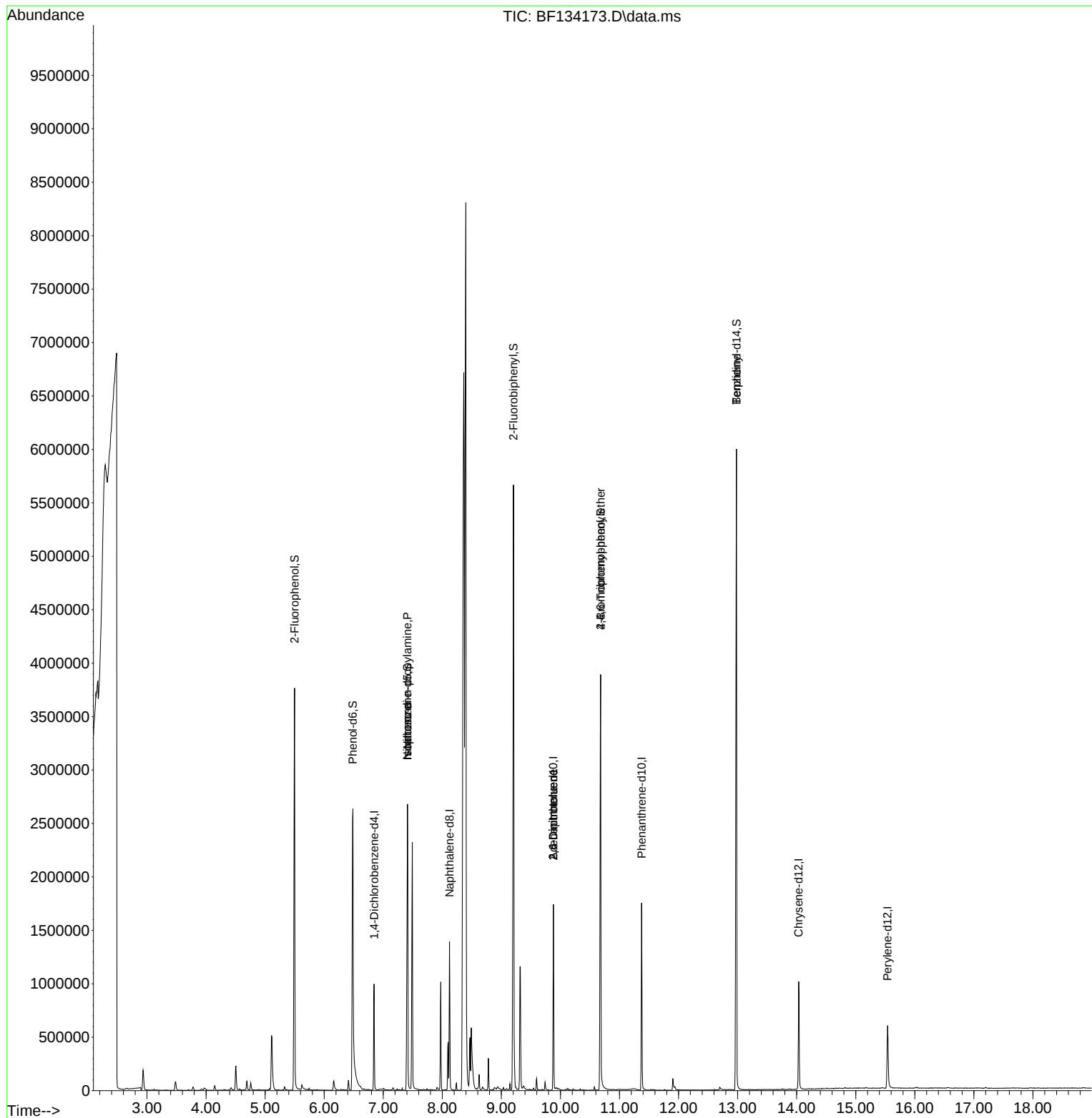
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	143622	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	560339	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	318980	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	625974	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	365636	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	313029	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1048486	122.117	ng	0.01
7) Phenol-d6	6.487	99	1295422	122.685	ng	0.00
23) Nitrobenzene-d5	7.410	82	986548	94.907	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	553369	138.364	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1776548	80.974	ng	0.00
79) Terphenyl-d14	12.980	244	2384816	104.972	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	234	Below Cal	#	60
19) n-Nitroso-di-n-propyla...	7.410	70	137951	20.602	ng	# 77
25) Isophorone	7.410	82	986530	52.220	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	40314	8.084	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	40314	6.121	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	32471	4.880	ng	# 1
77) Benizidine	12.980	184	31877	3.664	ng	# 93

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

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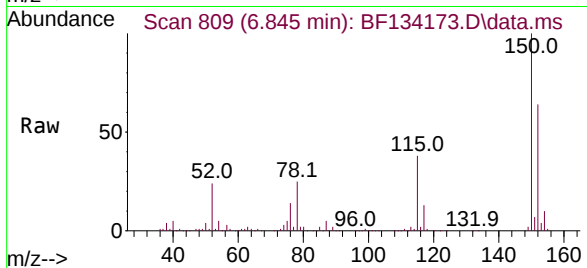
Quant Time: Jul 09 07:07:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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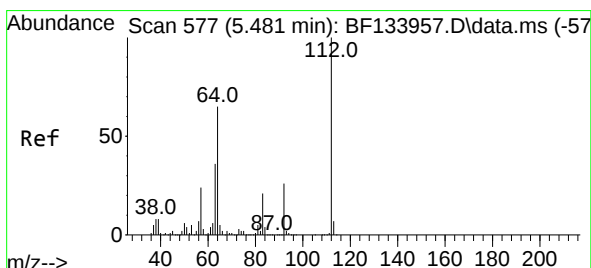
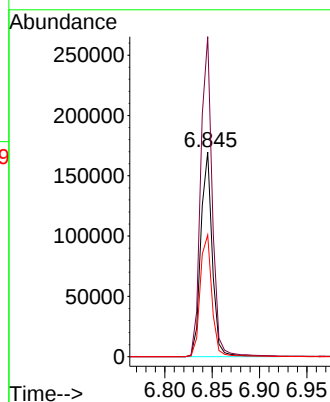
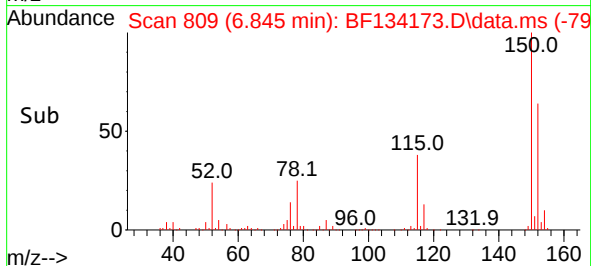


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134173.D
Acq: 09 Jul 2023 06:07

Instrument :
BNA_F
ClientSampleId :

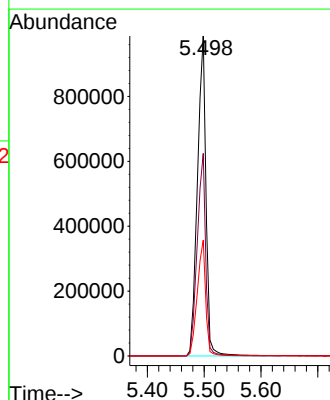
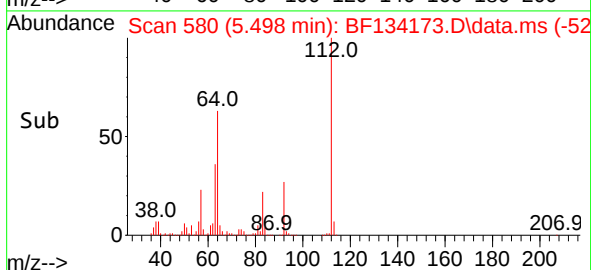
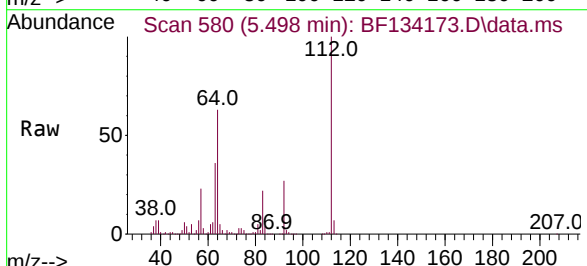


Tgt Ion:152 Resp: 143622
Ion Ratio Lower Upper
152 100
150 156.3 124.5 186.7
115 59.5 50.2 75.2



#5
2-Fluorophenol
Concen: 122.117 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134173.D
Acq: 09 Jul 2023 06:07

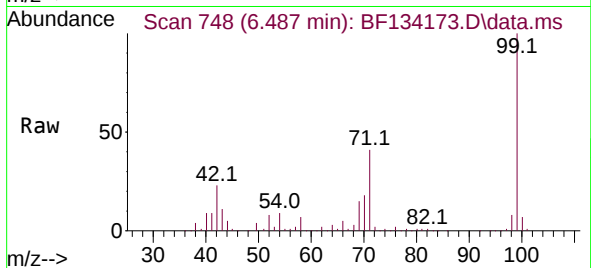
Tgt Ion:112 Resp: 1048486
Ion Ratio Lower Upper
112 100
64 63.3 52.1 78.1
63 36.2 28.6 42.8



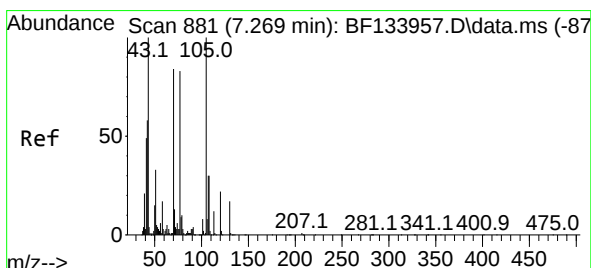
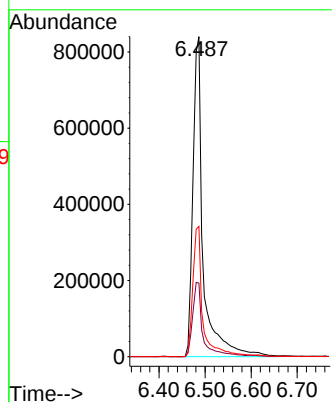
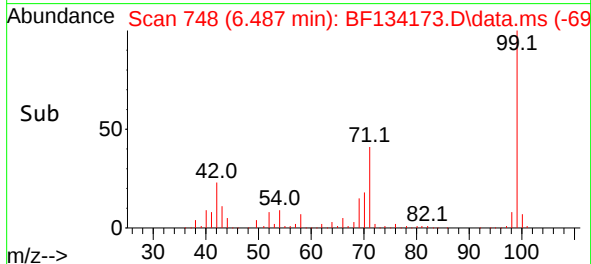


#7
Phenol-d6
Concen: 122.685 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134173.D
Acq: 09 Jul 2023 06:07

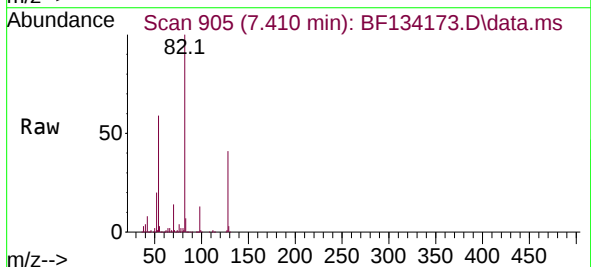
Instrument :
BNA_F
ClientSampleId :



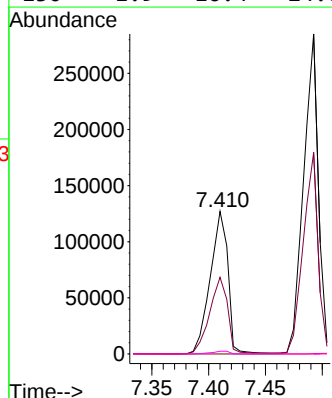
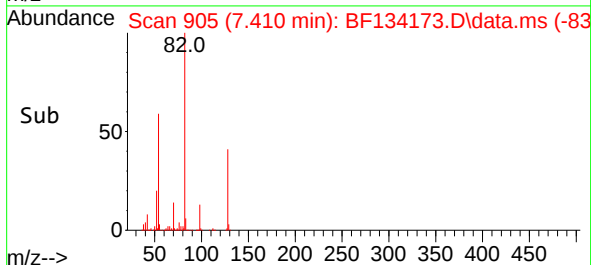
Tgt Ion: 99 Resp: 1295422
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.6
71 40.7 31.9 47.9

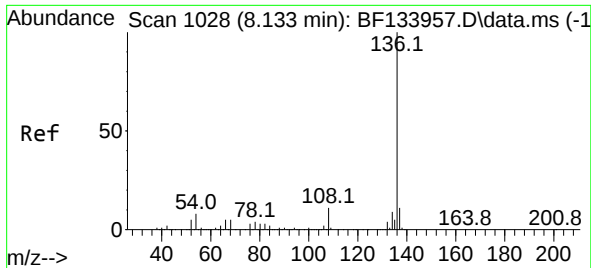


#19
n-Nitroso-di-n-propylamine
Concen: 20.602 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134173.D
Acq: 09 Jul 2023 06:07



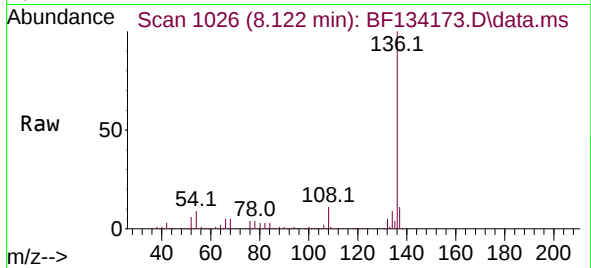
Tgt Ion: 70 Resp: 137951
Ion Ratio Lower Upper
70 100
42 53.7 54.7 82.1#
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#





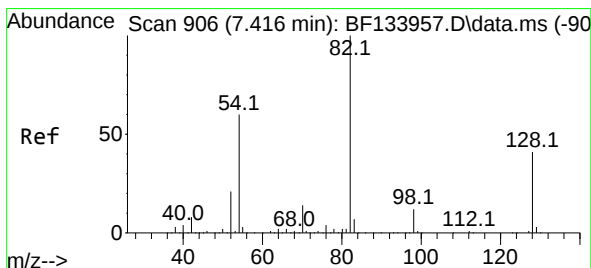
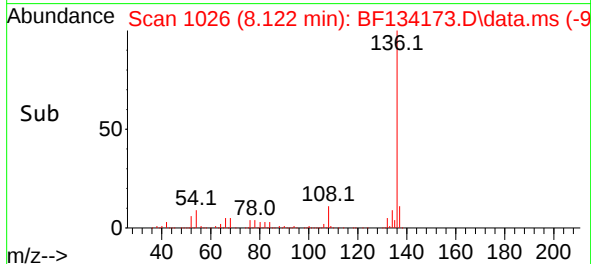
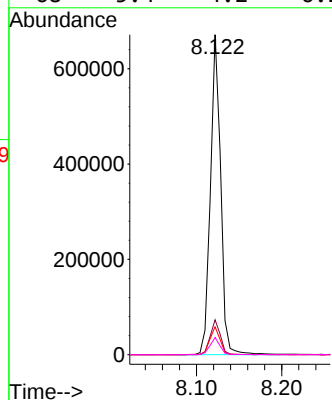
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134173.D
Acq: 09 Jul 2023 06:07

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 560339

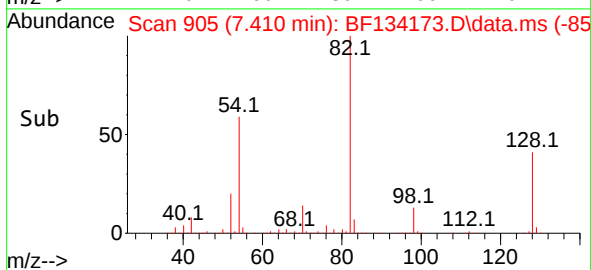
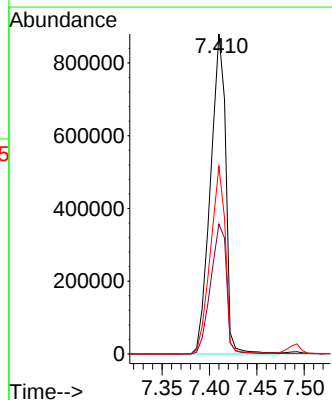
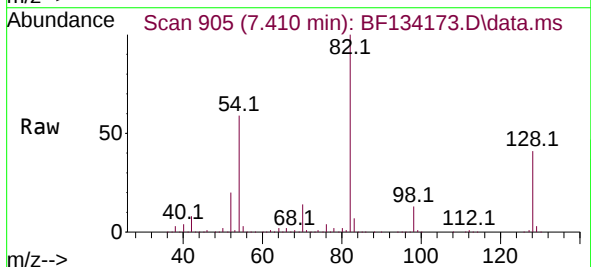
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.7	6.5	9.7
68	5.4	4.2	6.2



#23
Nitrobenzene-d5
Concen: 94.907 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134173.D
Acq: 09 Jul 2023 06:07

Tgt Ion: 82 Resp: 986548

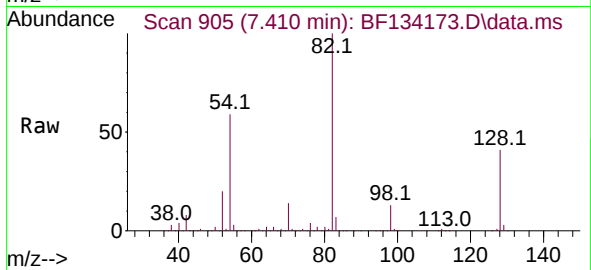
Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.5	48.7
54	58.6	48.2	72.2



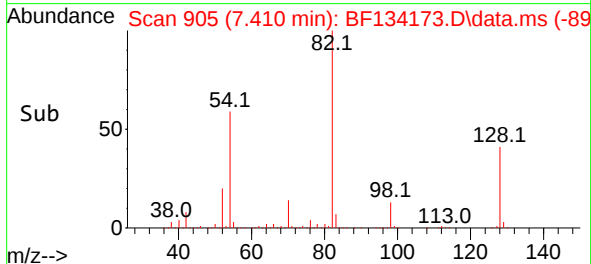
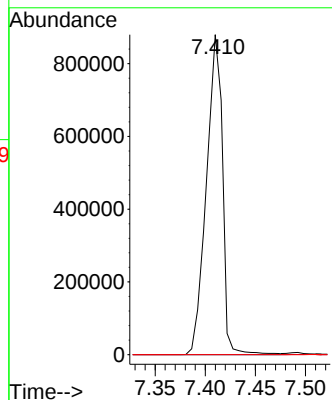


#25
Isophorone
Concen: 52.220 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134173.D
Acq: 09 Jul 2023 06:07

Instrument :
BNA_F
ClientSampleId :

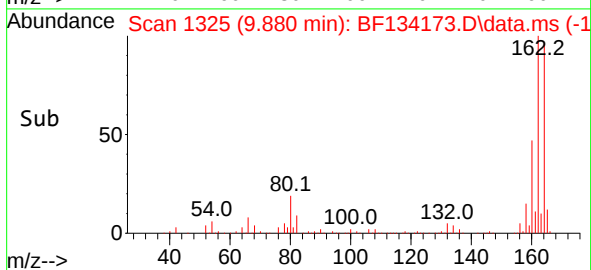
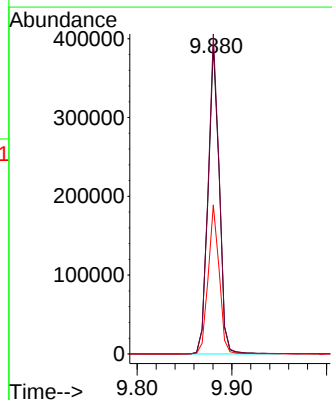
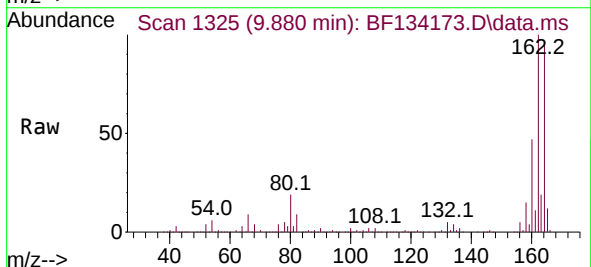


Tgt Ion: 82 Resp: 986530
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134173.D
Acq: 09 Jul 2023 06:07

Tgt Ion: 164 Resp: 318980
Ion Ratio Lower Upper
164 100
162 103.7 80.0 120.0
160 48.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 138.364 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

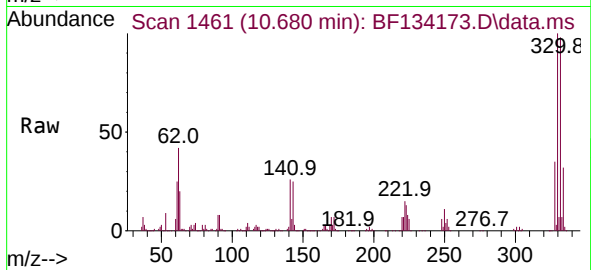
Lab File: BF134173.D

Acq: 09 Jul 2023 06:07

Instrument :

BNA_F

ClientSampleId :



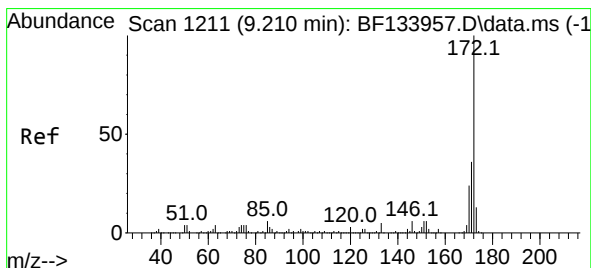
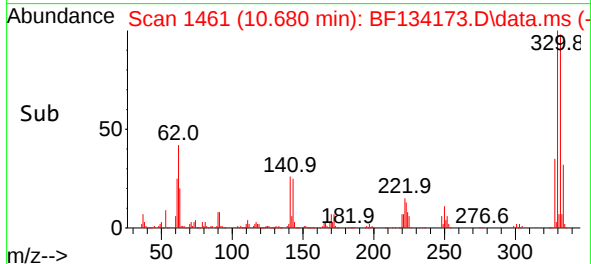
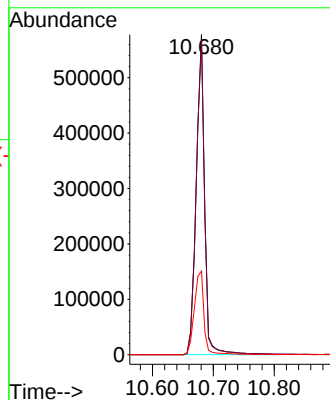
Tgt Ion:330 Resp: 553369

Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

141 30.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 80.974 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134173.D

Acq: 09 Jul 2023 06:07

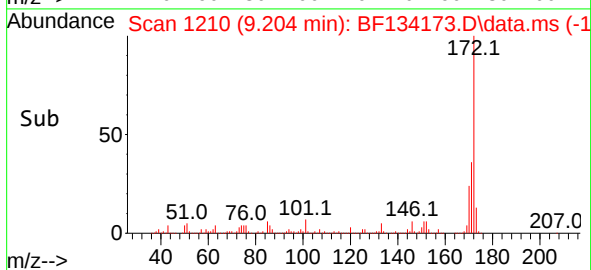
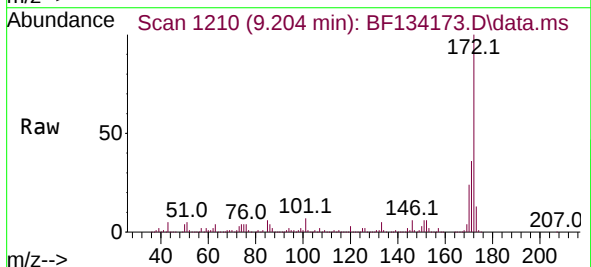
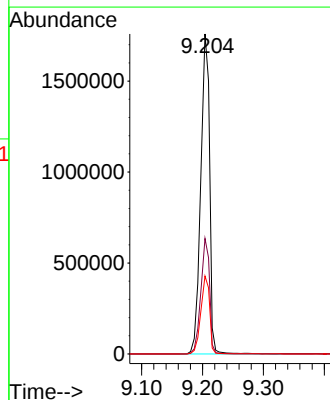
Tgt Ion:172 Resp: 1776548

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.3 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.084 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134173.D

Acq: 09 Jul 2023 06:07

Instrument :

BNA_F

ClientSampleId :

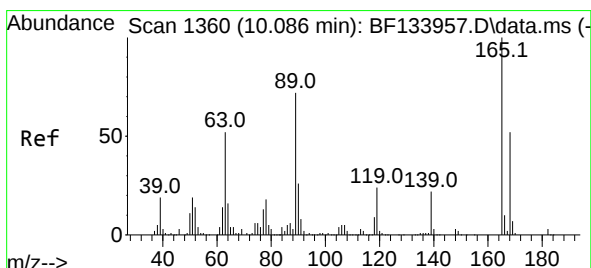
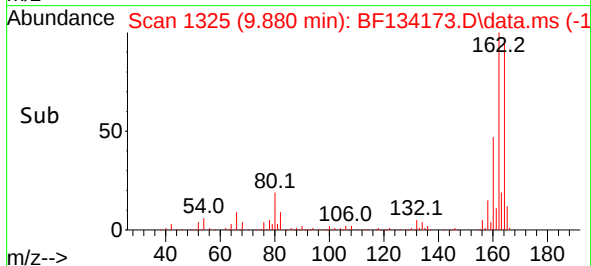
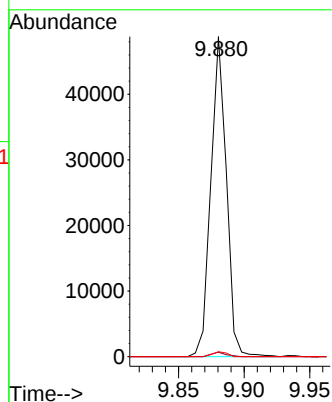
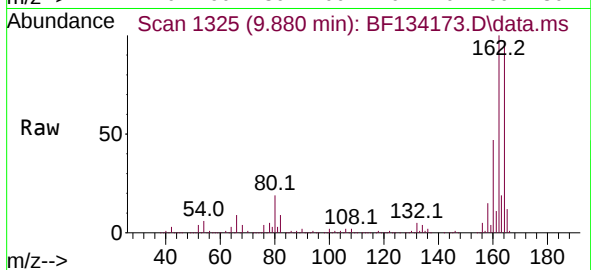
Tgt Ion:165 Resp: 40314

Ion Ratio Lower Upper

165 100

63 1.4 48.5 72.7#

89 1.5 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.121 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134173.D

Acq: 09 Jul 2023 06:07

Tgt Ion:165 Resp: 40314

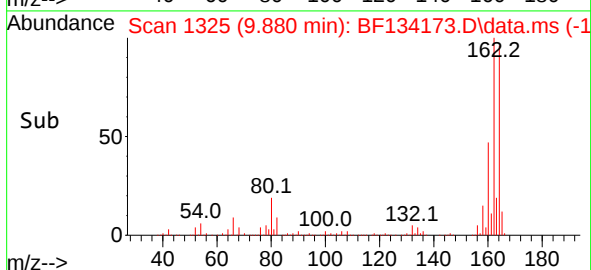
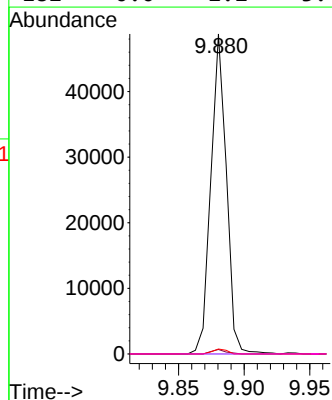
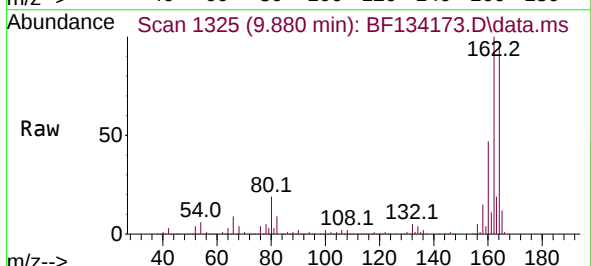
Ion Ratio Lower Upper

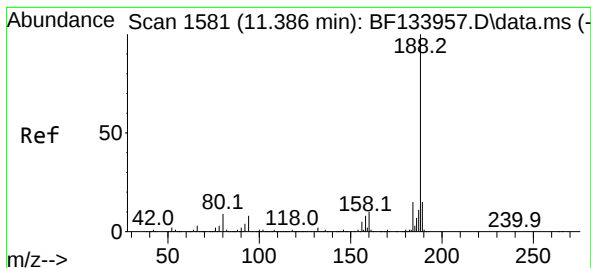
165 100

63 1.4 42.2 63.2#

89 1.5 57.4 86.2#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134173.D

Acq: 09 Jul 2023 06:07

Instrument :

BNA_F

ClientSampleId :

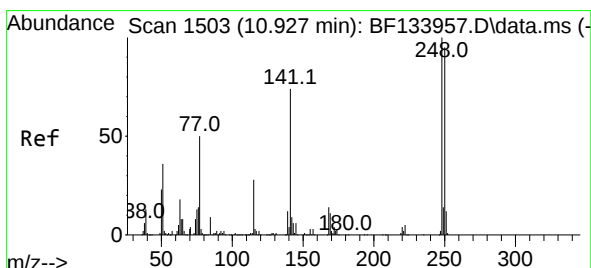
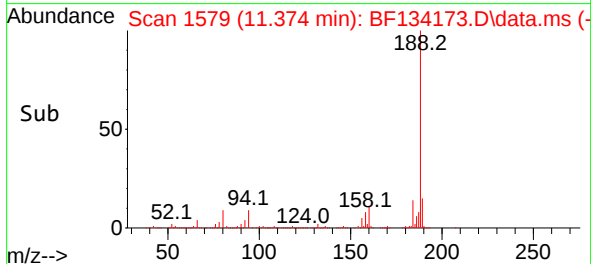
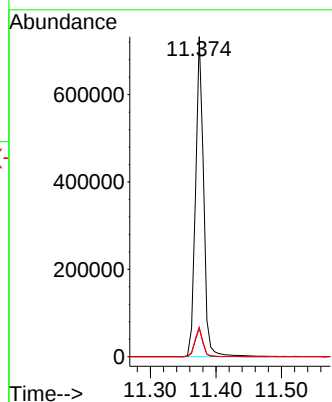
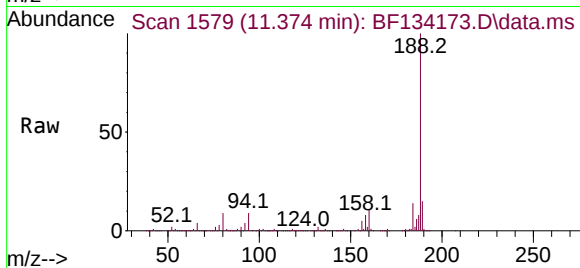
Tgt Ion:188 Resp: 625974

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 9.2 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.880 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF134173.D

Acq: 09 Jul 2023 06:07

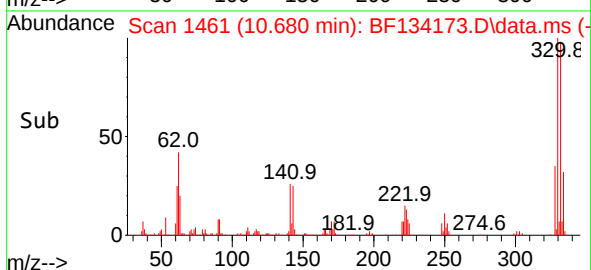
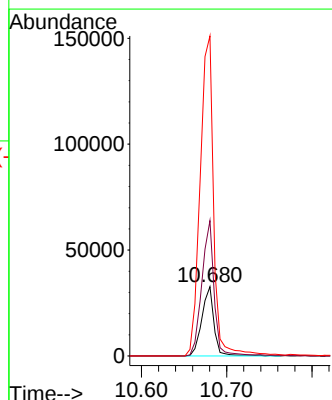
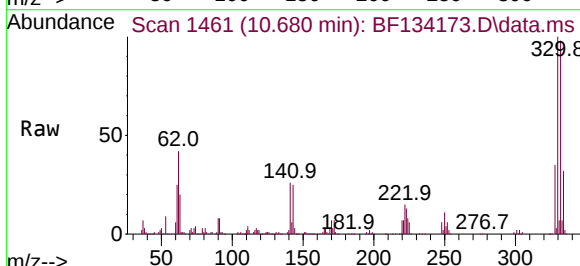
Tgt Ion:248 Resp: 32471

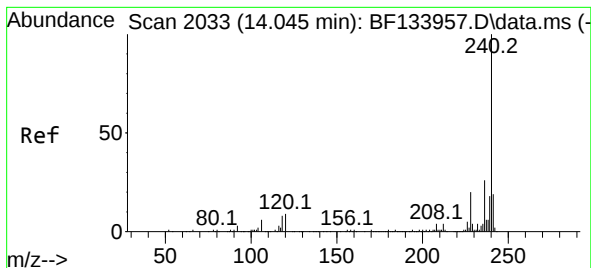
Ion Ratio Lower Upper

248 100

250 195.4 76.2 114.4#

141 461.8 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF134173.D

Acq: 09 Jul 2023 06:07

Instrument :

BNA_F

ClientSampleId :

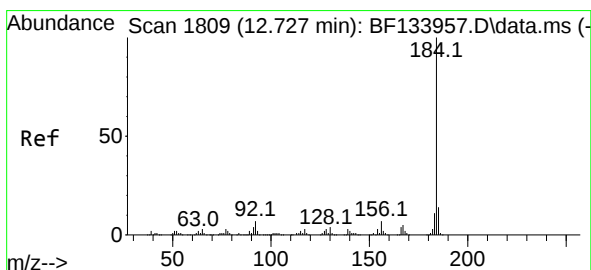
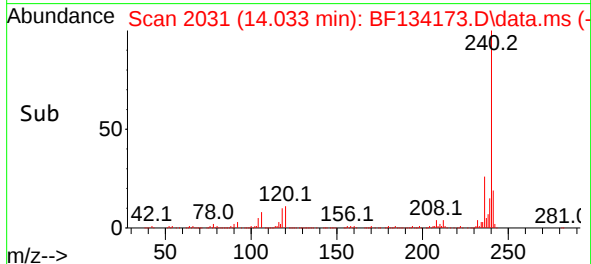
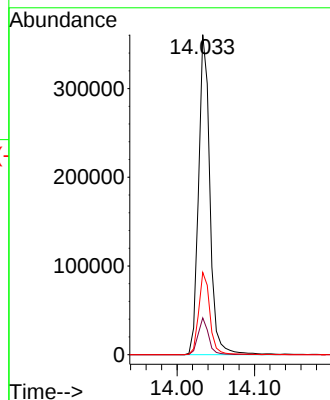
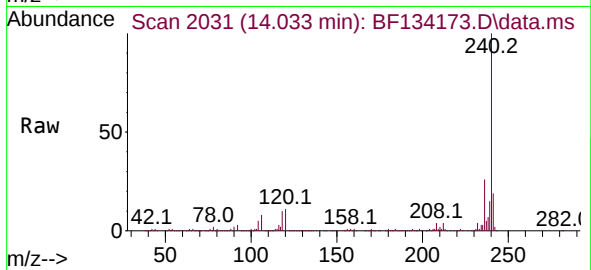
Tgt Ion:240 Resp: 365636

Ion Ratio Lower Upper

240 100

120 11.5 7.4 11.0#

236 25.7 21.0 31.6



#77

Benzidine

Concen: 3.664 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF134173.D

Acq: 09 Jul 2023 06:07

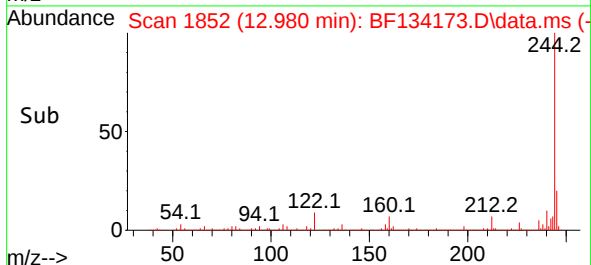
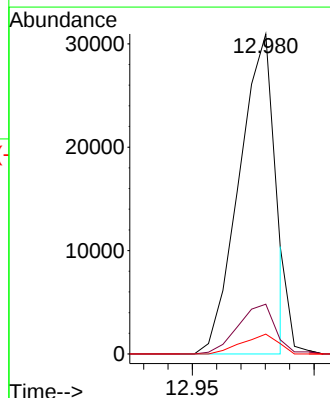
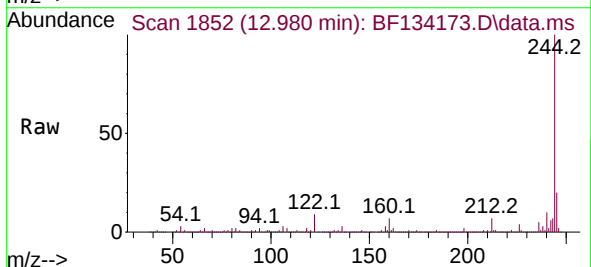
Tgt Ion:184 Resp: 31877

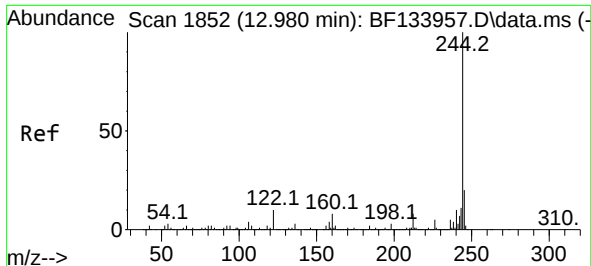
Ion Ratio Lower Upper

184 100

185 15.6 11.6 17.4

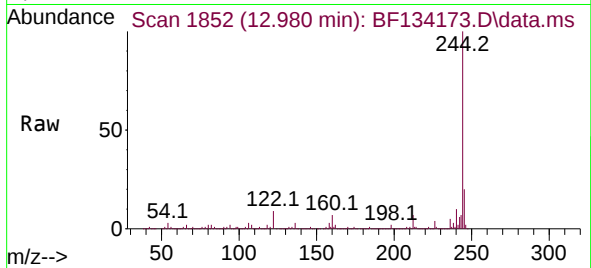
183 6.2 8.8 13.2#



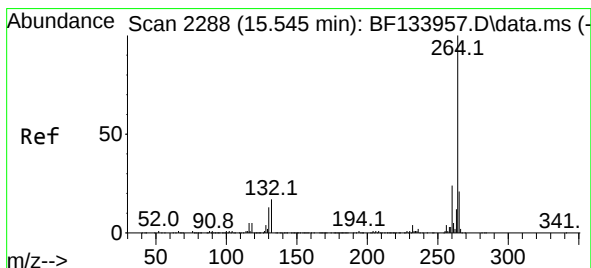
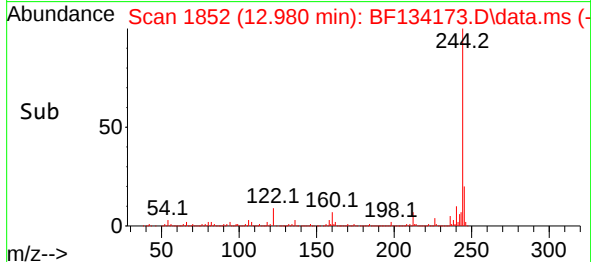
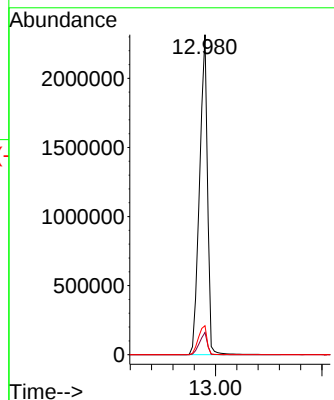


#79
 Terphenyl-d14
 Concen: 104.972 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134173.D
 Acq: 09 Jul 2023 06:07

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2384816
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134173.D
 Acq: 09 Jul 2023 06:07

Tgt Ion:264 Resp: 313029
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 20.8 16.6 25.0

