

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134160.D
 Acq On : 08 Jul 2023 21:37
 Operator : CG\JU
 Sample : 03516-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:41:44 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)

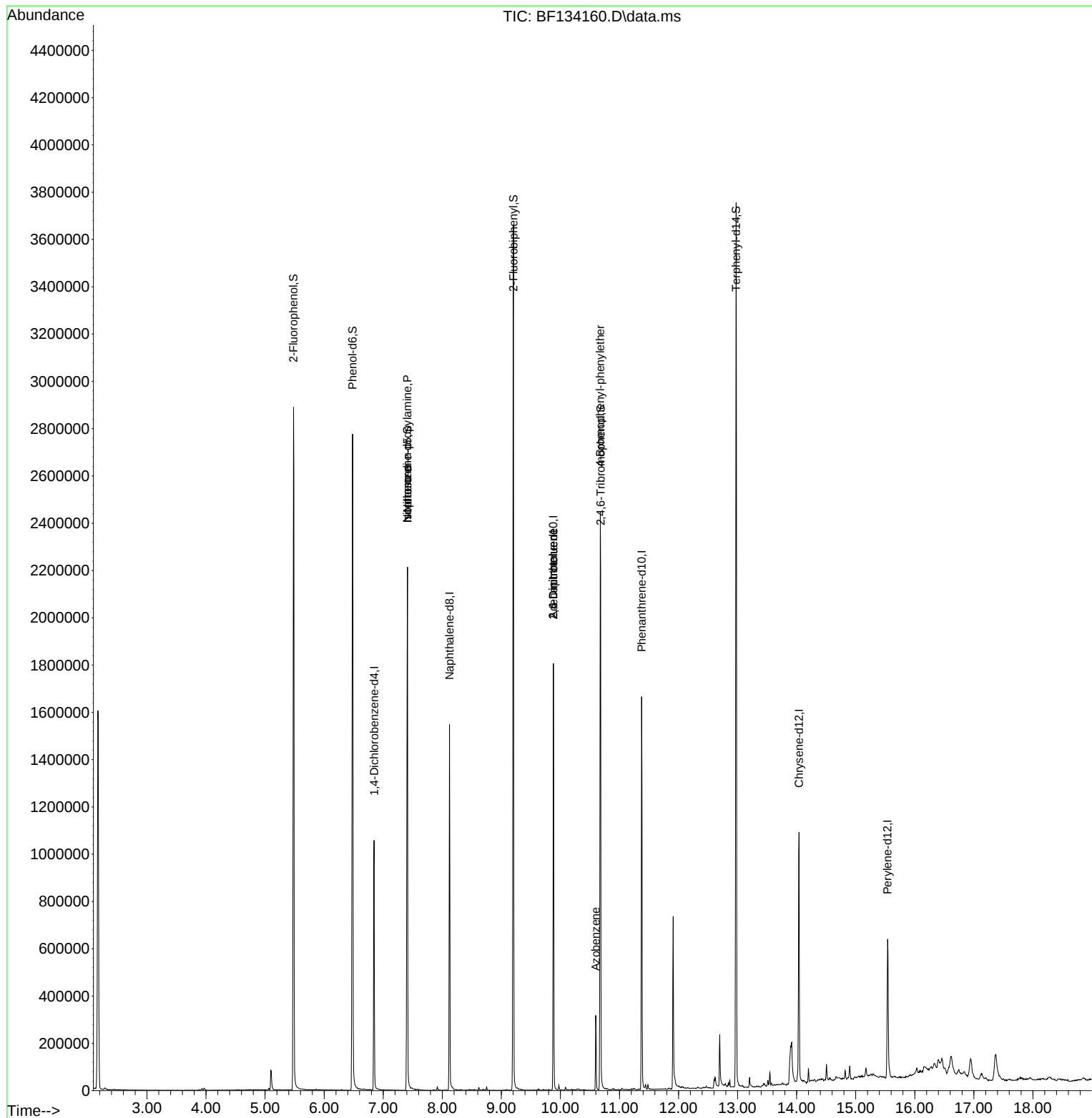
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	162858	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	633792	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	335520	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	624760	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	378532	20.000	ng	-0.01
86) Perylene-d12	15.539	264	298155	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	834888	85.754	ng	0.00
7) Phenol-d6	6.481	99	994779	83.084	ng	-0.01
23) Nitrobenzene-d5	7.410	82	692974	58.939	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	330613	78.591	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1143344	49.544	ng	0.00
79) Terphenyl-d14	12.975	244	1374597	58.444	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1697	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	97836	12.885 ng	#	75
25) Isophorone	7.410	82	692970	32.430 ng	#	64
51) 2,6-Dinitrotoluene	9.881	165	41815	7.971 ng	#	23
57) 2,4-Dinitrotoluene	9.881	165	41815	6.036 ng	#	22
63) Azobenzene	10.598	77	54971	2.290 ng	#	1
67) 4-Bromophenyl-phenylether	10.675	248	19686	2.965 ng	#	1

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

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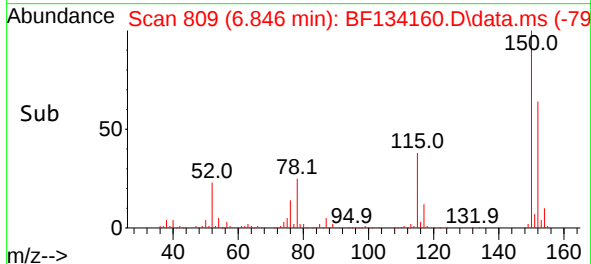
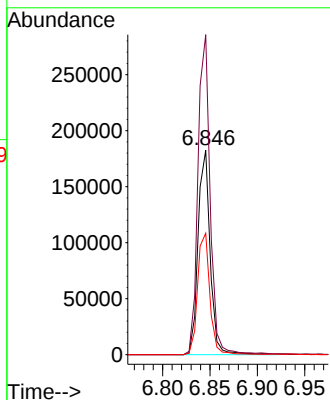
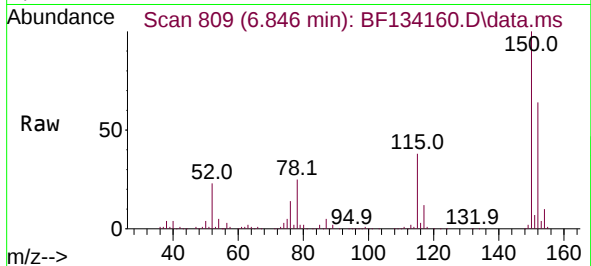




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

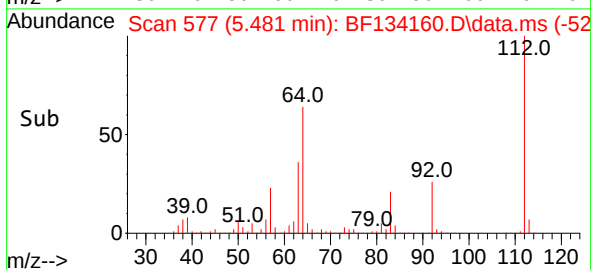
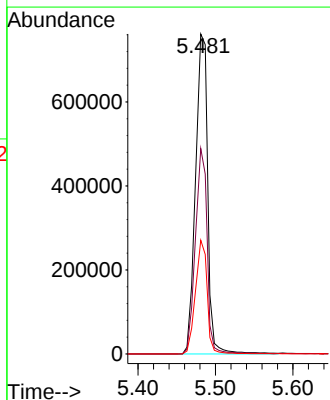
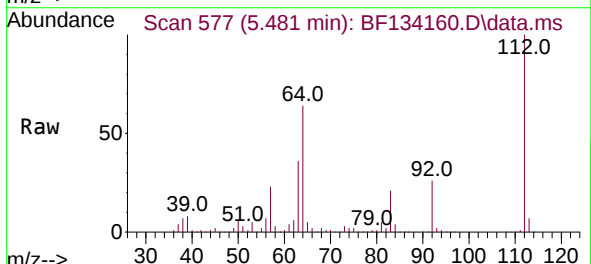
Instrument :
BNA_F
ClientSampleId :

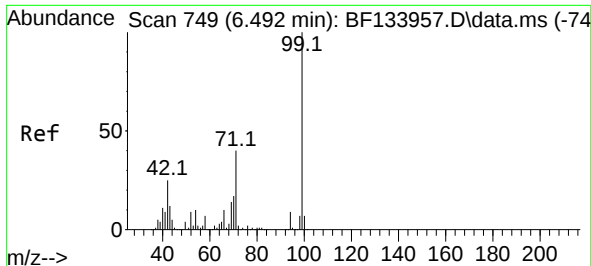
Tgt Ion:152 Resp: 162858
Ion Ratio Lower Upper
152 100
150 156.4 124.5 186.7
115 59.3 50.2 75.2



#5
2-Fluorophenol
Concen: 85.754 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

Tgt Ion:112 Resp: 834888
Ion Ratio Lower Upper
112 100
64 64.2 52.1 78.1
63 35.5 28.6 42.8

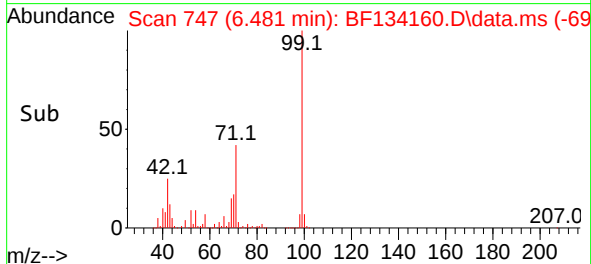
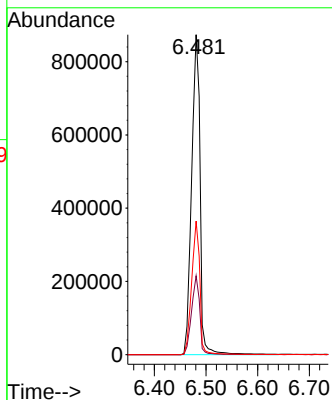
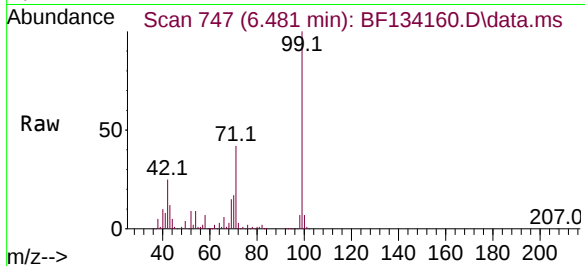




#7
Phenol-d6
Concen: 83.084 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

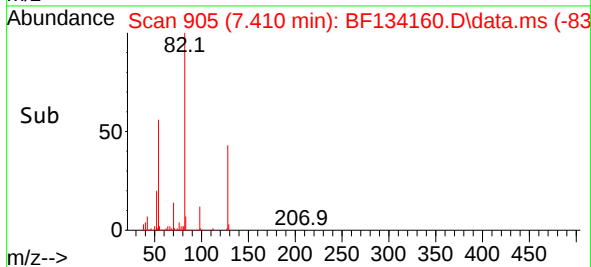
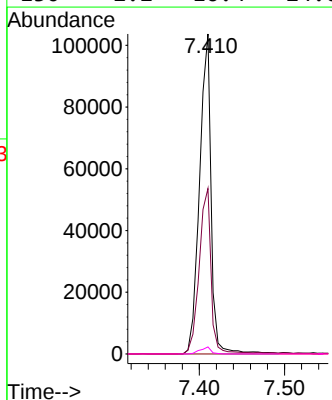
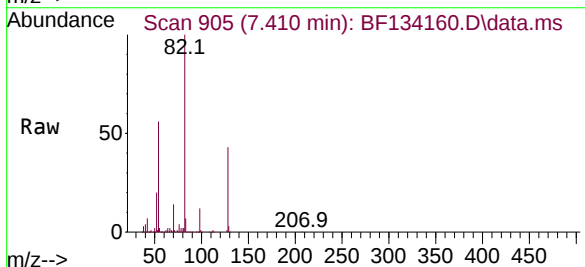
Instrument :
BNA_F
ClientSampleId :

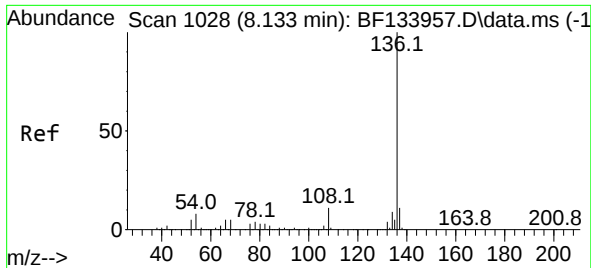
Tgt Ion: 99 Resp: 994779
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 41.7 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.885 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

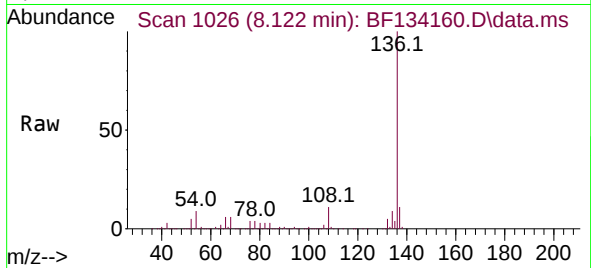
Tgt Ion: 70 Resp: 97836
Ion Ratio Lower Upper
70 100
42 51.7 54.7 82.1#
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#



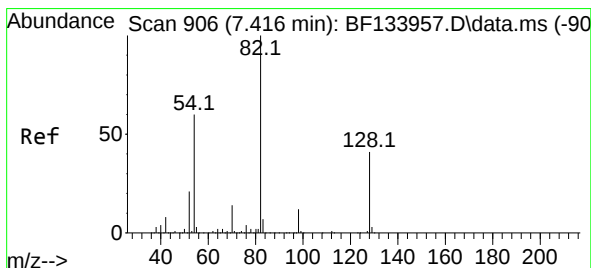
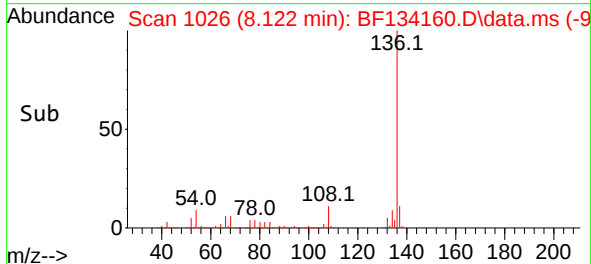
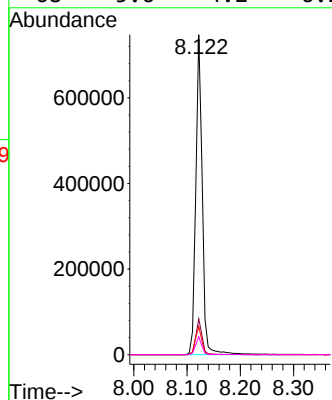


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

Instrument :
BNA_F
ClientSampleId :

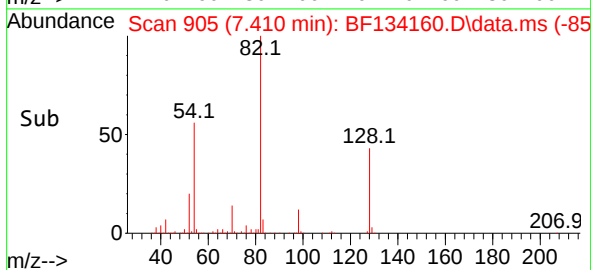
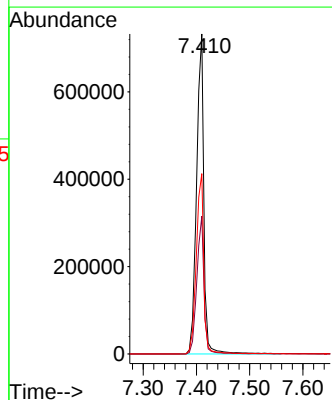
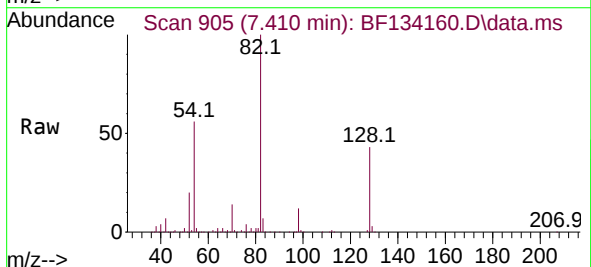


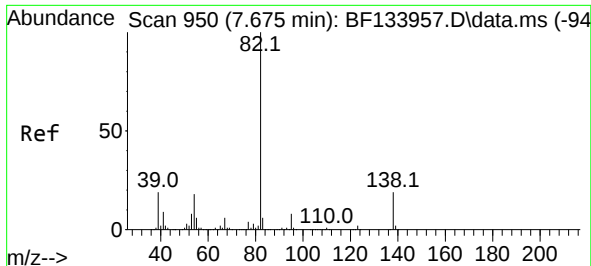
Tgt Ion:136 Resp: 633792
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.8 6.5 9.7
68 5.6 4.2 6.2



#23
Nitrobenzene-d5
Concen: 58.939 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

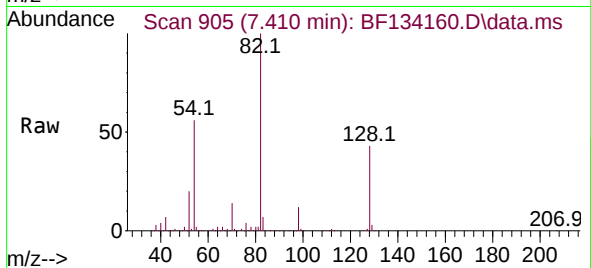
Tgt Ion: 82 Resp: 692974
Ion Ratio Lower Upper
82 100
128 43.0 32.5 48.7
54 56.3 48.2 72.2



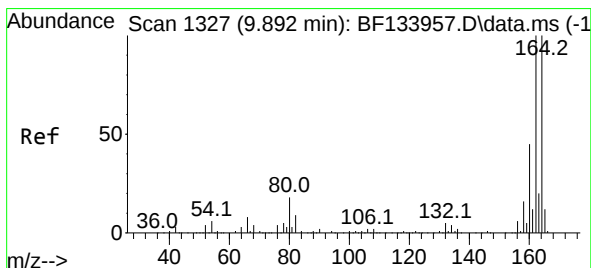
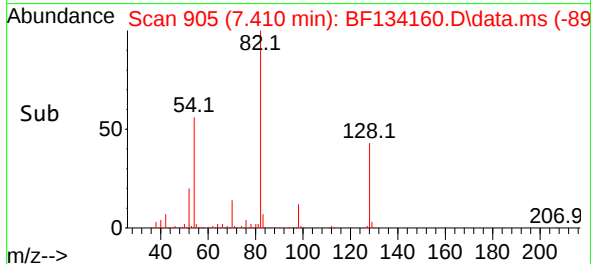
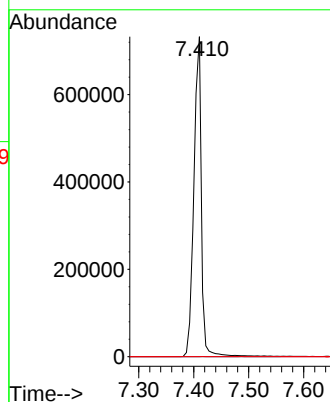


#25
Isophorone
Concen: 32.430 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

Instrument :
BNA_F
ClientSampleId :

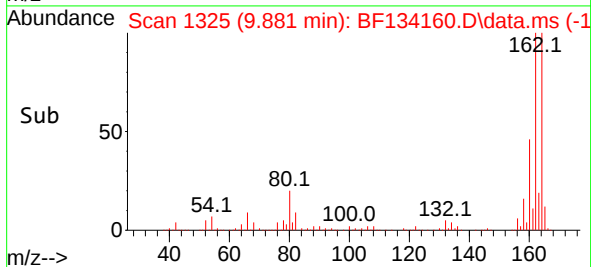
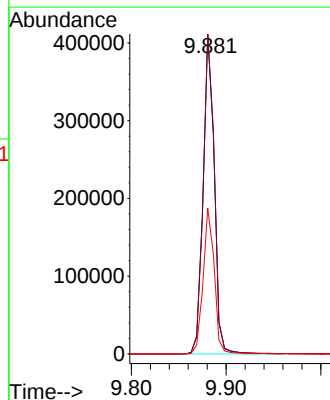
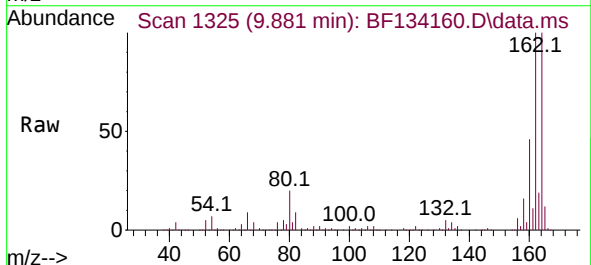


Tgt Ion: 82 Resp: 692970
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

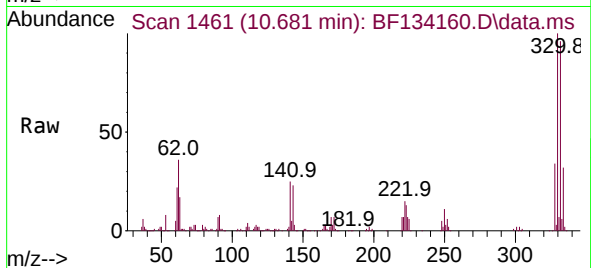
Tgt Ion: 164 Resp: 335520
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 45.6 35.9 53.9



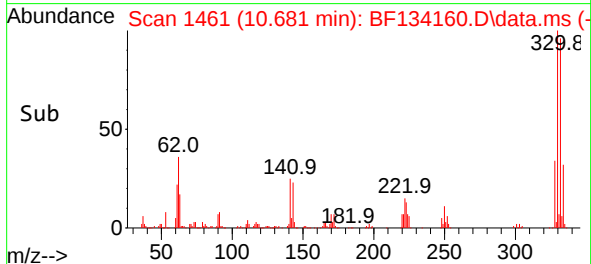
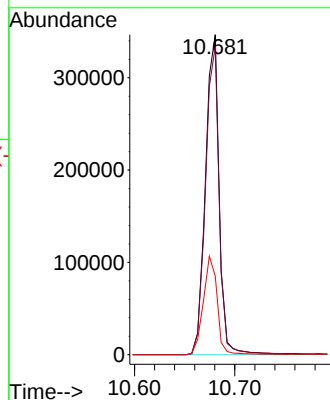


#42
2,4,6-Tribromophenol
Concen: 78.591 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

Instrument :
BNA_F
ClientSampleId :

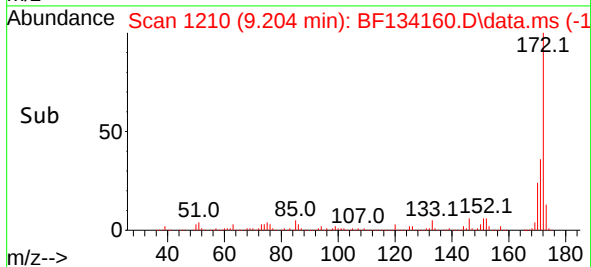
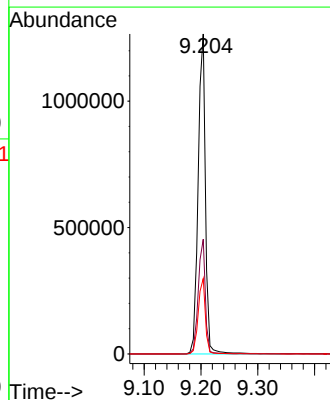
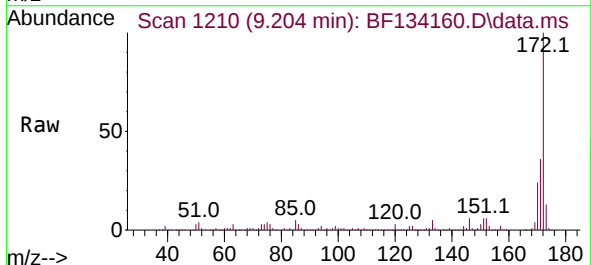


Tgt Ion: 330 Resp: 330613
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 49.544 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

Tgt Ion: 172 Resp: 1143344
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.6 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 7.971 ng

RT: 9.881 min Scan# 1

Delta R.T. 0.200 min

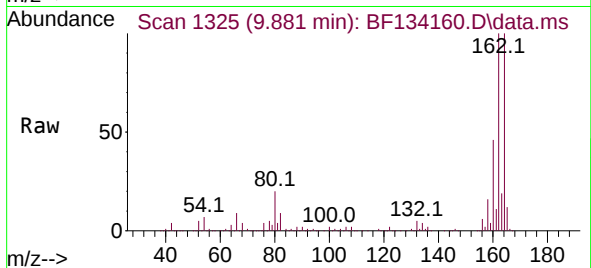
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Instrument :

BNA_F

ClientSampleId :



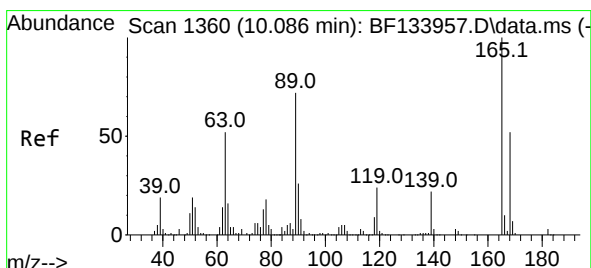
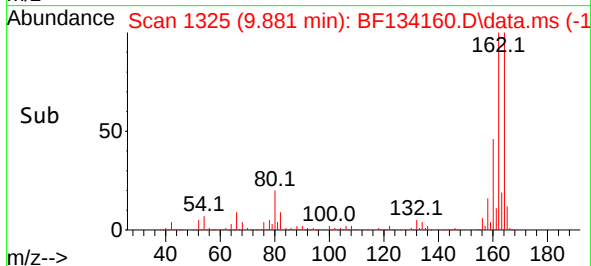
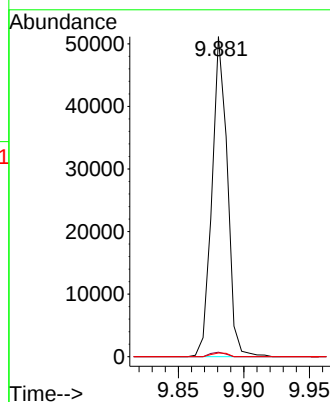
Tgt Ion:165 Resp: 41815

Ion Ratio Lower Upper

165 100

63 1.4 48.5 72.7#

89 1.2 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.036 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134160.D

Acq: 08 Jul 2023 21:37

Tgt Ion:165 Resp: 41815

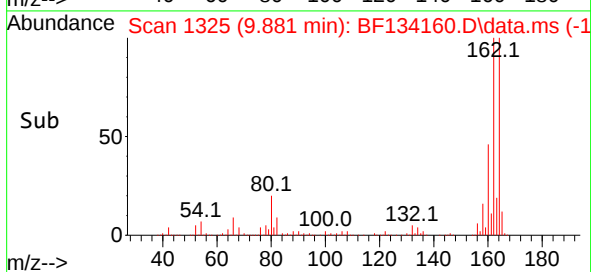
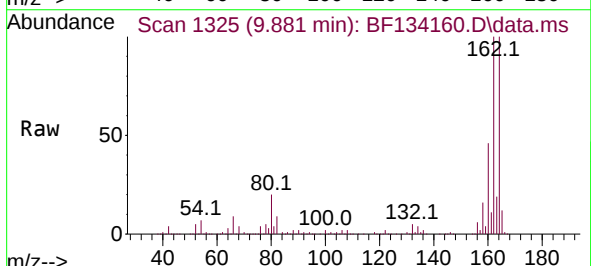
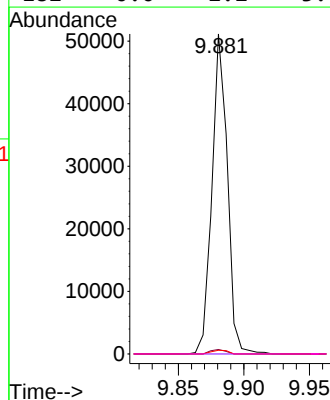
Ion Ratio Lower Upper

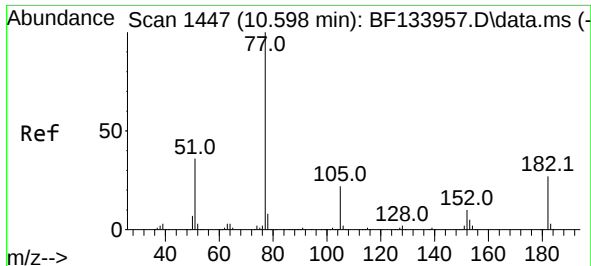
165 100

63 1.4 42.2 63.2#

89 1.2 57.4 86.2#

182 0.0 2.2 3.4#

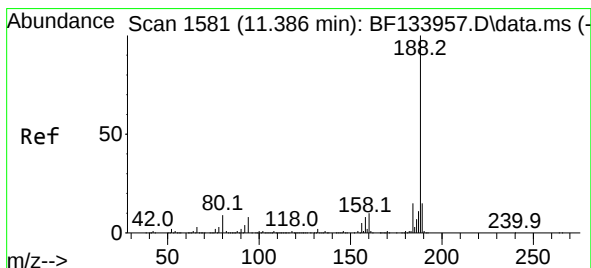
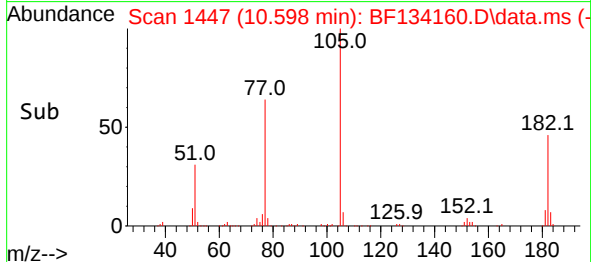
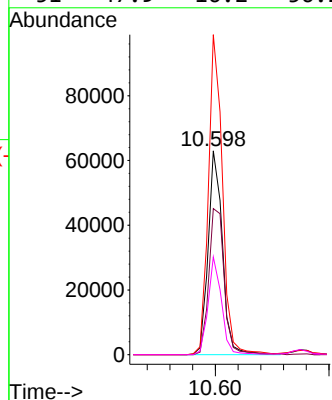
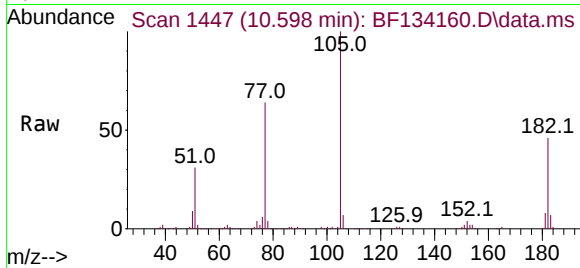




#63
Azobenzene
Concen: 2.290 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

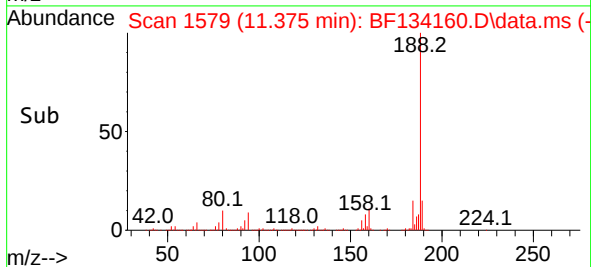
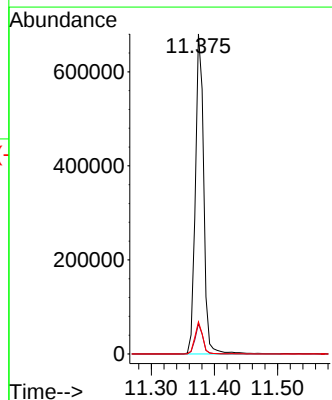
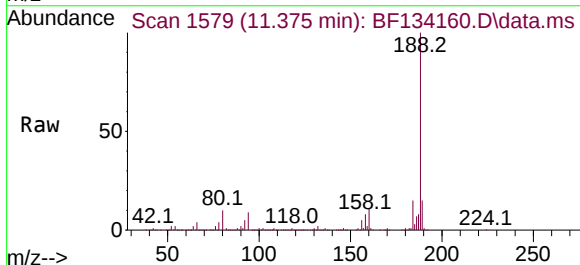
Instrument :
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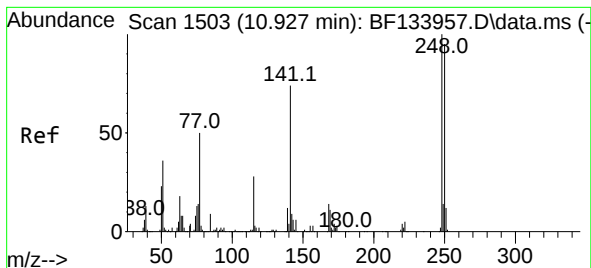
Tgt Ion: 77 Resp: 54971
Ion Ratio Lower Upper
77 100
182 71.7 6.8 46.8#
105 157.0 2.3 42.3#
51 47.9 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

Tgt Ion:188 Resp: 624760
Ion Ratio Lower Upper
188 100
94 9.4 6.4 9.6
80 10.0 7.3 10.9

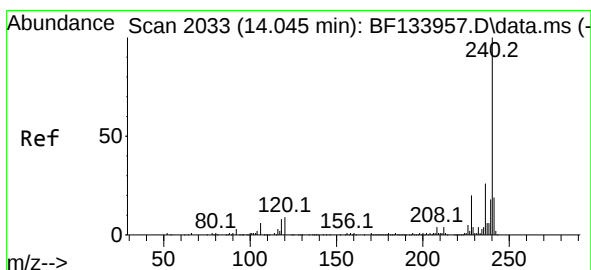
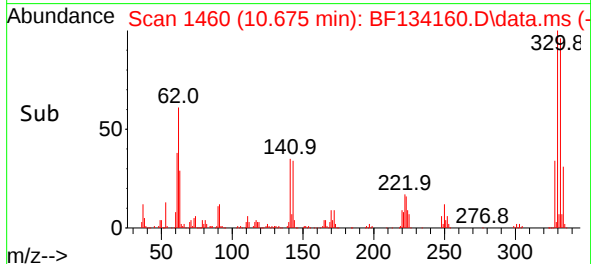
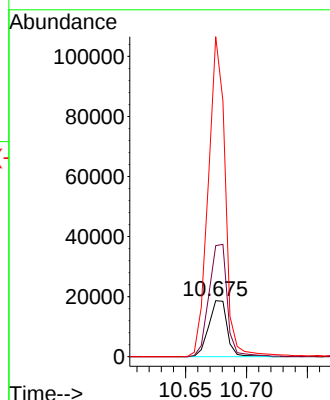
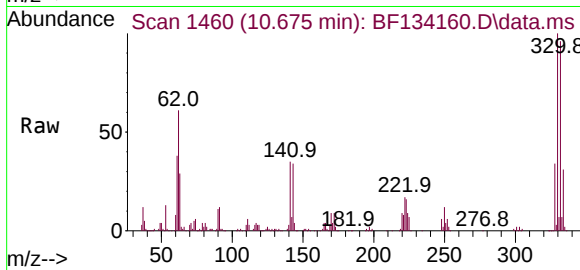




#67
4-Bromophenyl-phenylether
Concen: 2.965 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

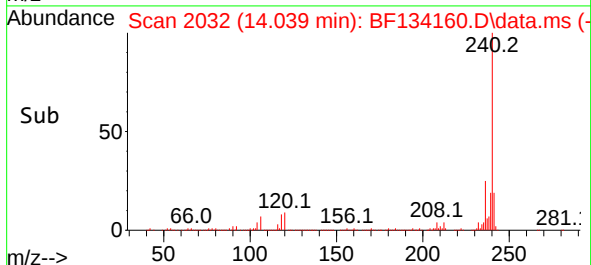
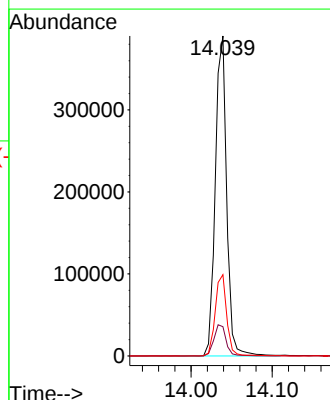
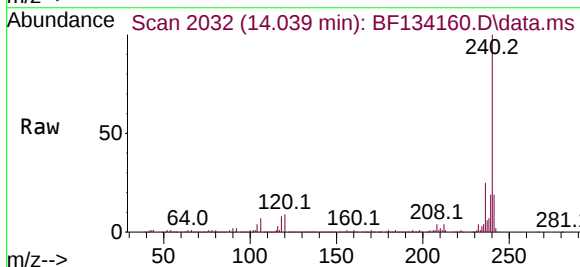
Instrument :
BNA_F
ClientSampleId :

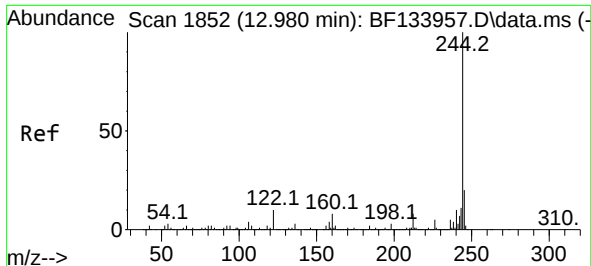
Tgt Ion:248 Resp: 19686
Ion Ratio Lower Upper
248 100
250 198.2 76.2 114.4#
141 571.3 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134160.D
Acq: 08 Jul 2023 21:37

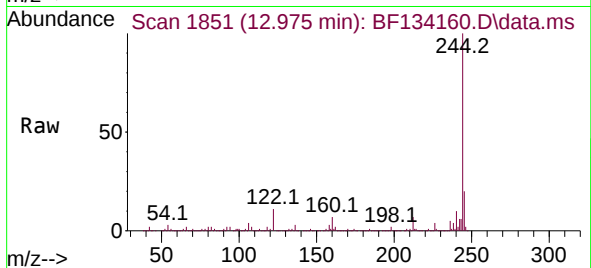
Tgt Ion:240 Resp: 378532
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.4 21.0 31.6



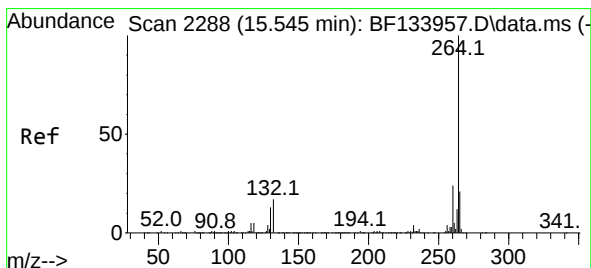
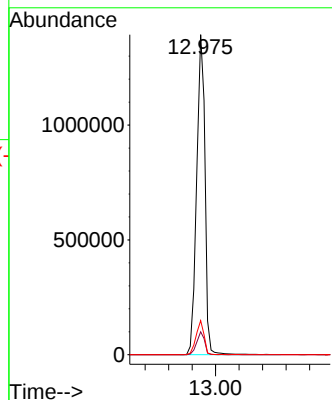
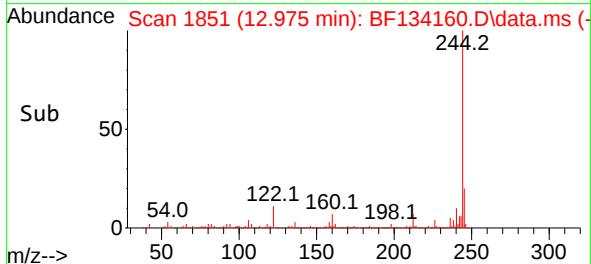


#79
 Terphenyl-d14
 Concen: 58.444 ng
 RT: 12.975 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134160.D
 Acq: 08 Jul 2023 21:37

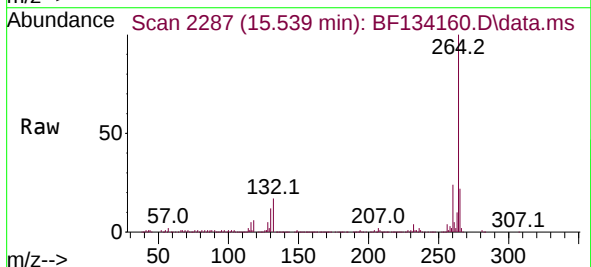
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1374597
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.7 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: BF134160.D
 Acq: 08 Jul 2023 21:37



Tgt Ion:264 Resp: 298155
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.0 16.6 25.0

