

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134287.D
 Acq On : 14 Jul 2023 13:03
 Operator : CG\JU
 Sample : PB154034TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154034TB

Quant Time: Jul 15 00:23:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

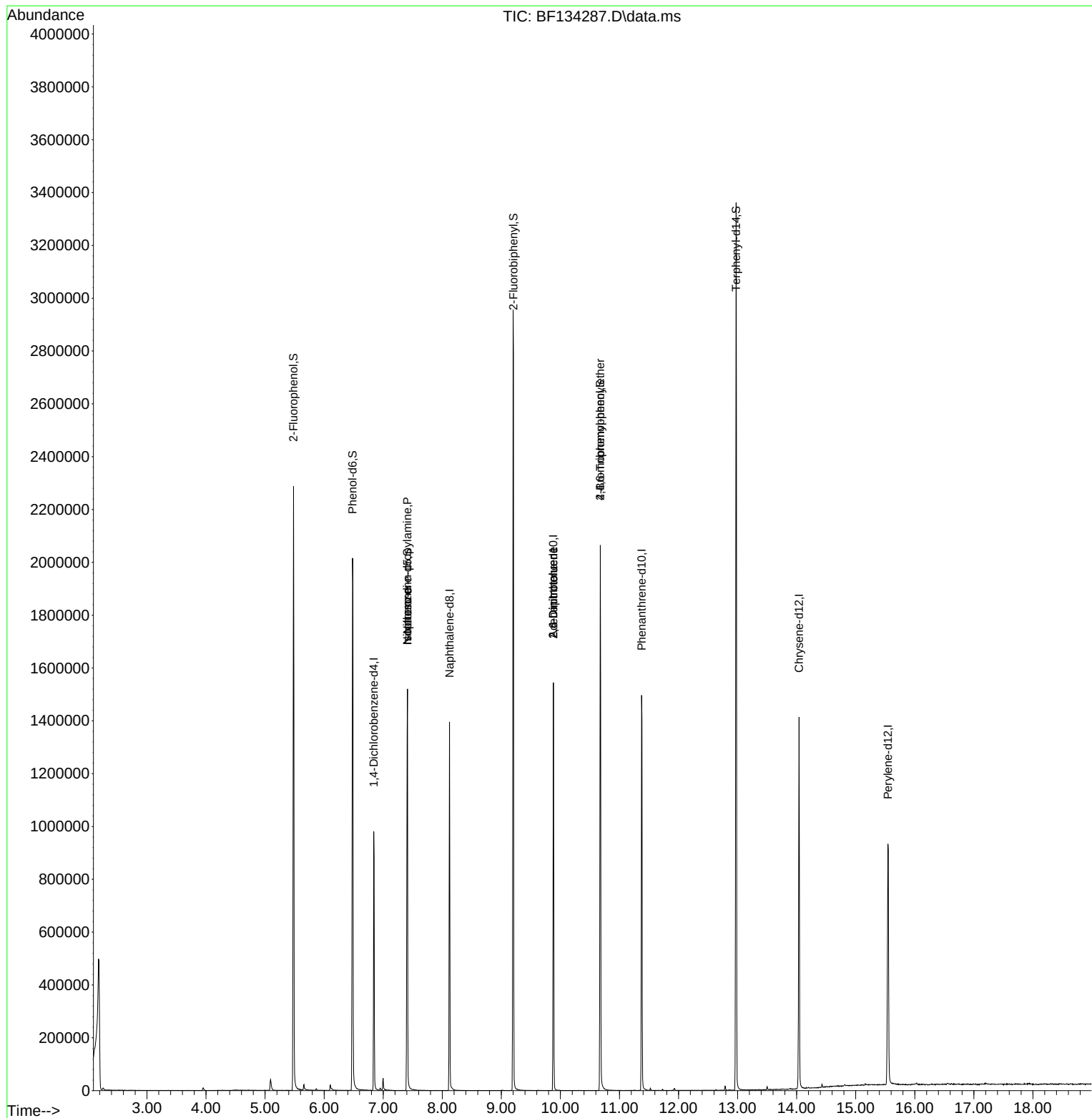
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	142904	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	555251	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	283059	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	594499	20.000	ng	0.00
76) Chrysene-d12	14.039	240	478718	20.000	ng	0.00
86) Perylene-d12	15.545	264	491006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	580440	67.944	ng	0.01
7) Phenol-d6	6.481	99	689237	65.603	ng	0.00
23) Nitrobenzene-d5	7.410	82	482198	46.813	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	270358	76.179	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	943290	48.451	ng	0.00
79) Terphenyl-d14	12.974	244	1237219	41.595	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1301	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	68175	10.232	ng	# 72
25) Isophorone	7.410	82	482193	25.758	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	36016	8.138	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	36016	6.162	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	15973	2.528	ng	# 1

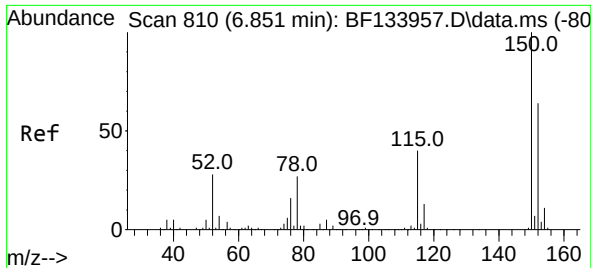
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134287.D
Acq On : 14 Jul 2023 13:03
Operator : CG\JU
Sample : PB154034TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB154034TB

Quant Time: Jul 15 00:23:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

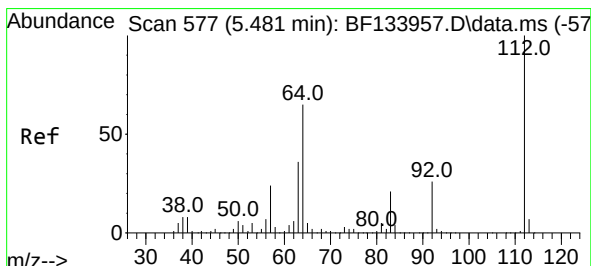
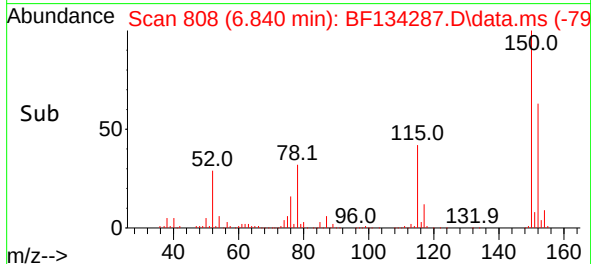
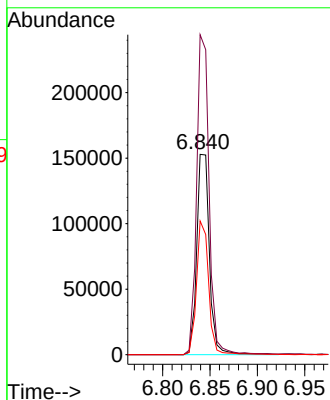
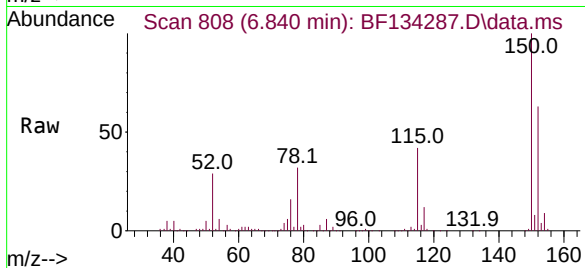




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 810
 Delta R.T. -0.005 min
 Lab File: BF134287.D
 Acq: 14 Jul 2023 13:03

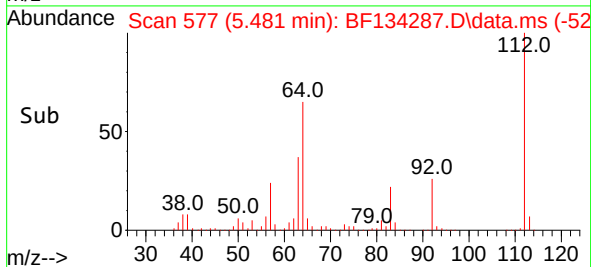
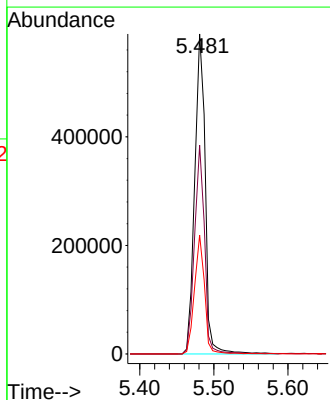
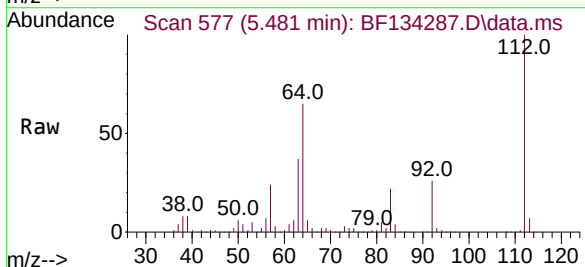
Instrument :
 BNA_F
 ClientSampleId :
 PB154034TB

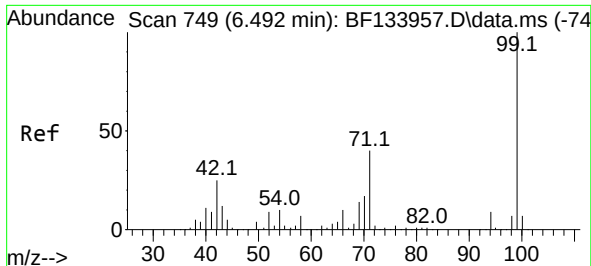
Tgt Ion:152 Resp: 142904
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.5 186.7
 115 66.8 50.2 75.2



#5
 2-Fluorophenol
 Concen: 67.944 ng
 RT: 5.481 min Scan# 577
 Delta R.T. 0.012 min
 Lab File: BF134287.D
 Acq: 14 Jul 2023 13:03

Tgt Ion:112 Resp: 580440
 Ion Ratio Lower Upper
 112 100
 64 65.3 52.1 78.1
 63 37.2 28.6 42.8





#7

Phenol-d6

Concen: 65.603 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134287.D

Acq: 14 Jul 2023 13:03

Instrument :

BNA_F

ClientSampleId :

PB154034TB

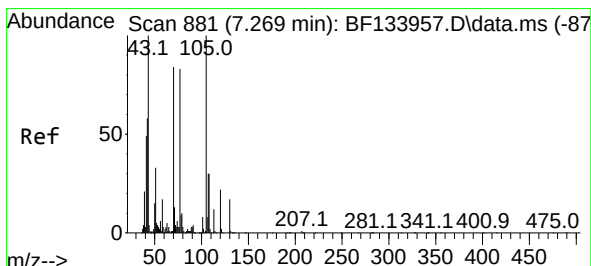
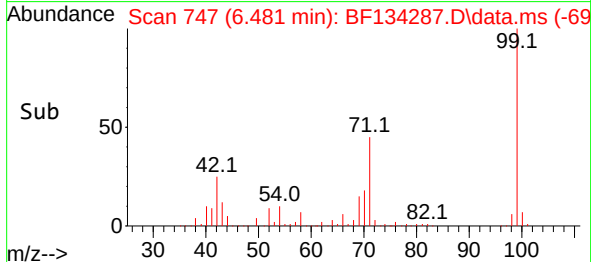
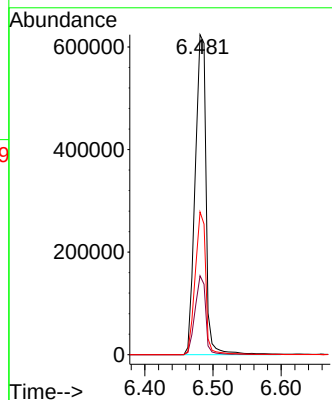
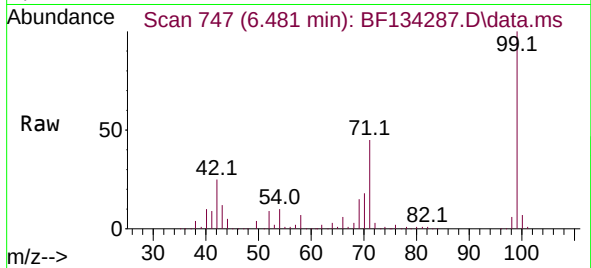
Tgt Ion: 99 Resp: 689237

Ion Ratio Lower Upper

99 100

42 24.7 19.8 29.6

71 44.6 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 10.232 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.153 min

Lab File: BF134287.D

Acq: 14 Jul 2023 13:03

Tgt Ion: 70 Resp: 68175

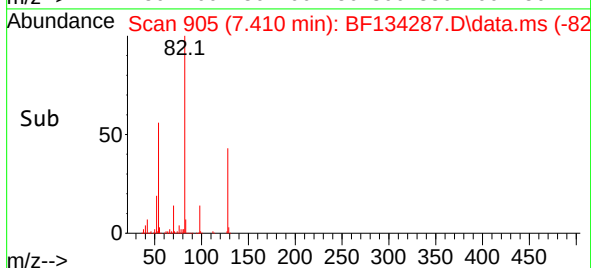
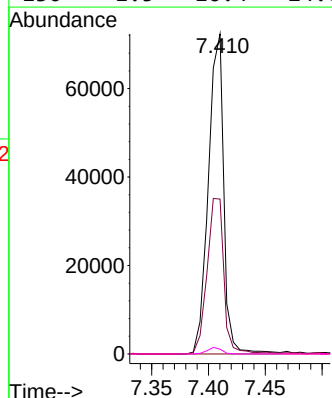
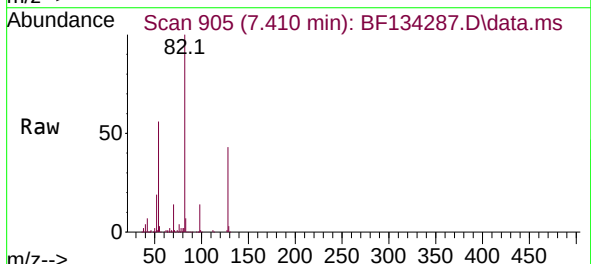
Ion Ratio Lower Upper

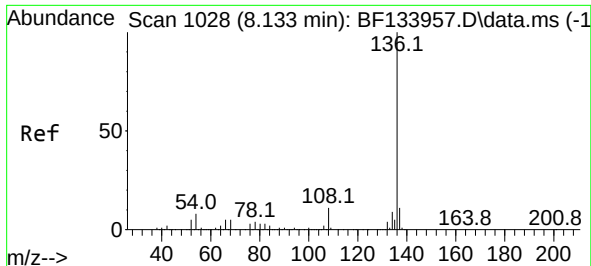
70 100

42 48.4 54.7 82.1#

101 0.0 7.7 11.5#

130 1.5 16.4 24.6#



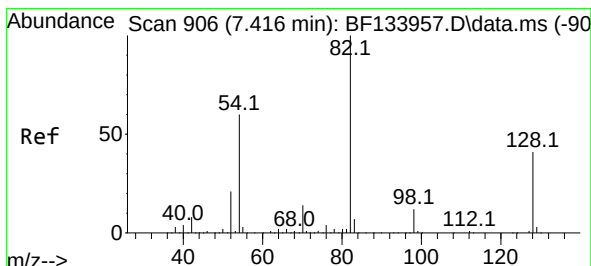
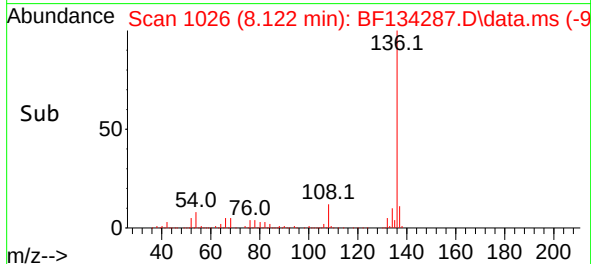
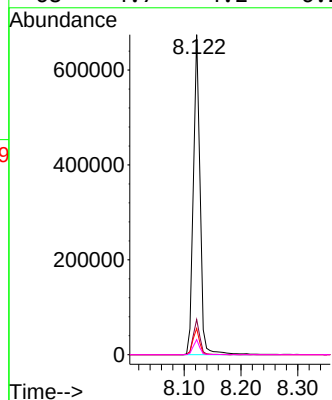
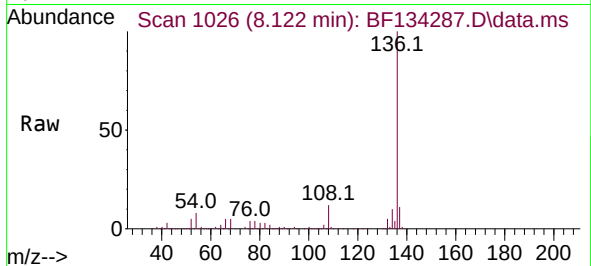


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF134287.D
Acq: 14 Jul 2023 13:03

Instrument :
BNA_F
ClientSampleId :
PB154034TB

Tgt Ion:136 Resp: 555251

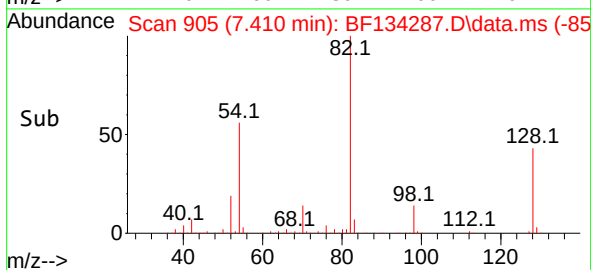
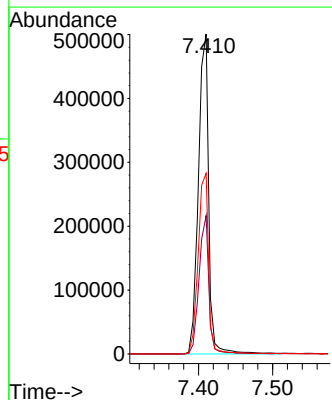
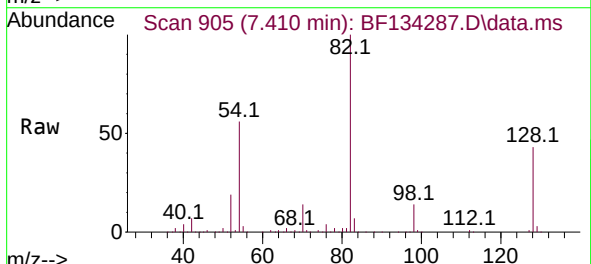
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.2	6.5	9.7
68	4.7	4.2	6.2

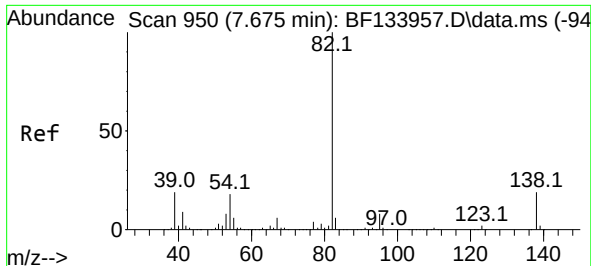


#23
Nitrobenzene-d5
Concen: 46.813 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF134287.D
Acq: 14 Jul 2023 13:03

Tgt Ion: 82 Resp: 482198

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.5	48.7
54	56.4	48.2	72.2

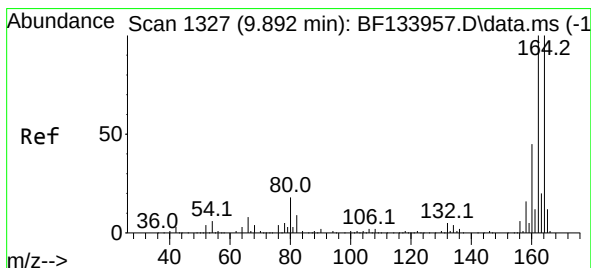
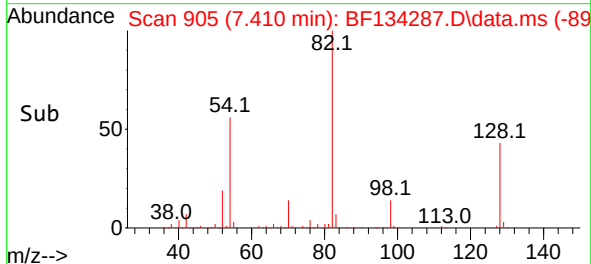
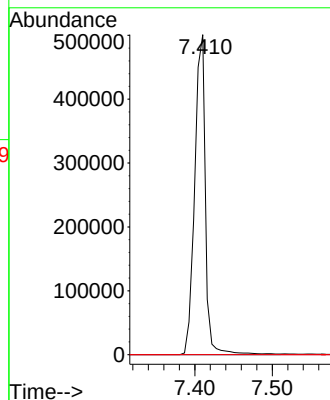
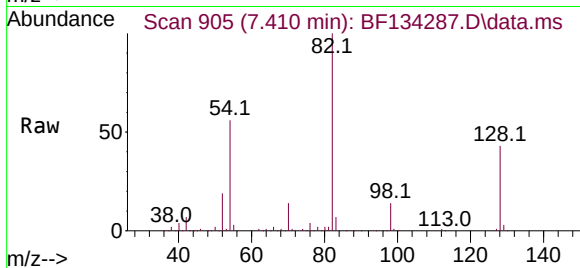




#25
Isophorone
Concen: 25.758 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134287.D
Acq: 14 Jul 2023 13:03

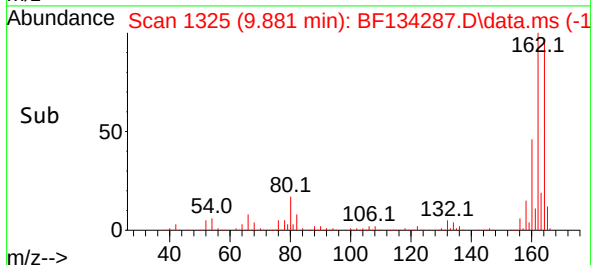
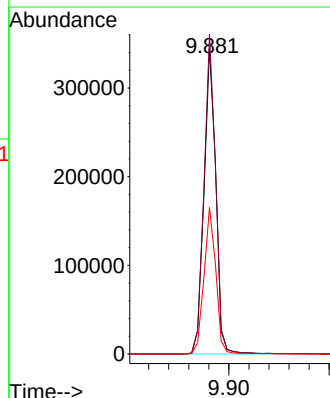
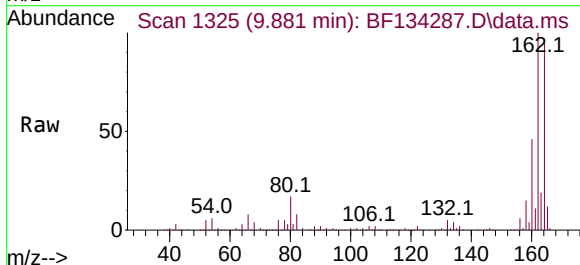
Instrument :
BNA_F
ClientSampleId :
PB154034TB

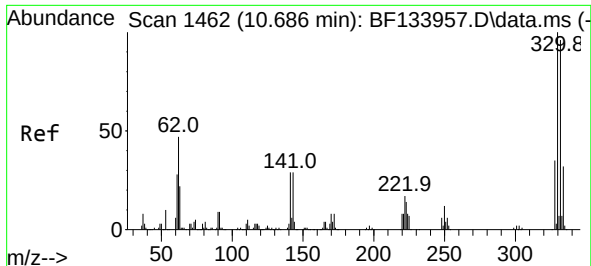
Tgt Ion: 82 Resp: 482193
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF134287.D
Acq: 14 Jul 2023 13:03

Tgt Ion: 164 Resp: 283059
Ion Ratio Lower Upper
164 100
162 104.6 80.0 120.0
160 47.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 76.179 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134287.D

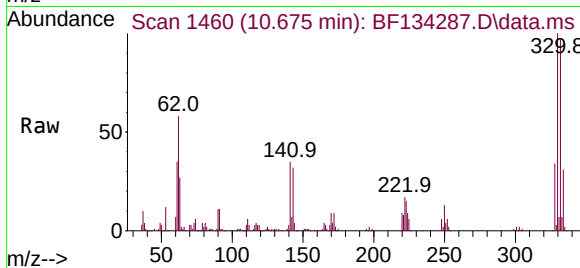
Acq: 14 Jul 2023 13:03

Instrument :

BNA_F

ClientSampleId :

PB154034TB



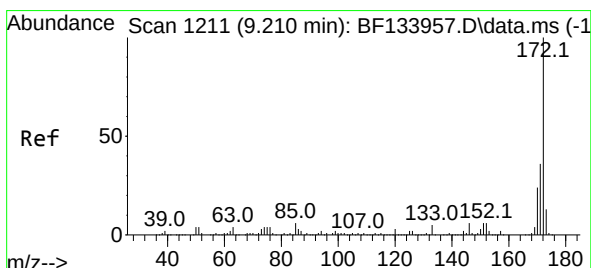
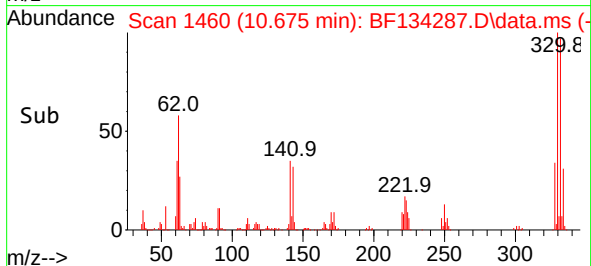
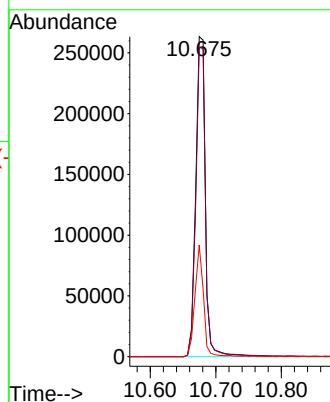
Tgt Ion:330 Resp: 270358

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 31.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 48.451 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF134287.D

Acq: 14 Jul 2023 13:03

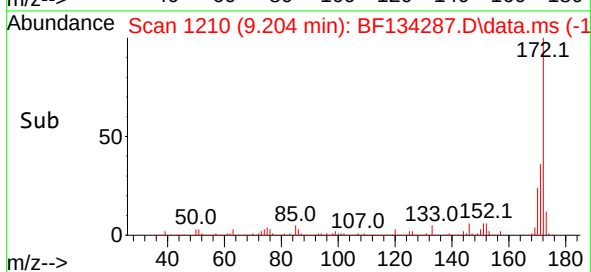
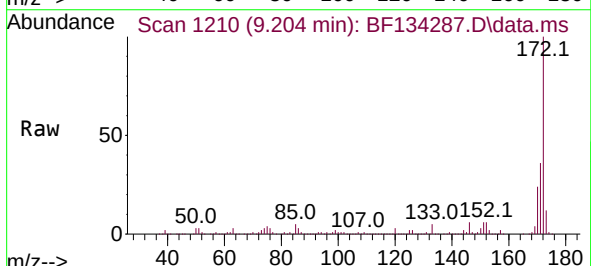
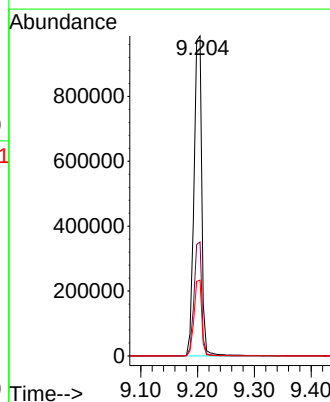
Tgt Ion:172 Resp: 943290

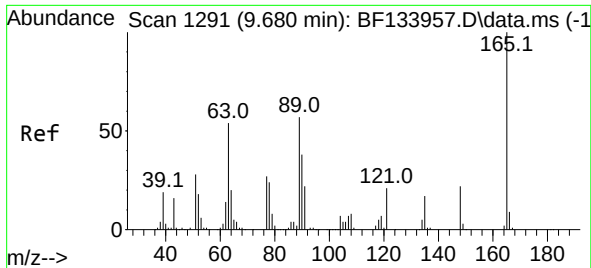
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.7 19.4 29.0

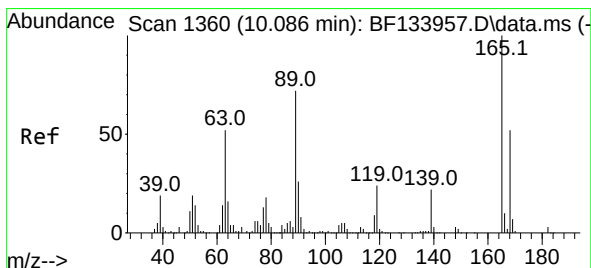
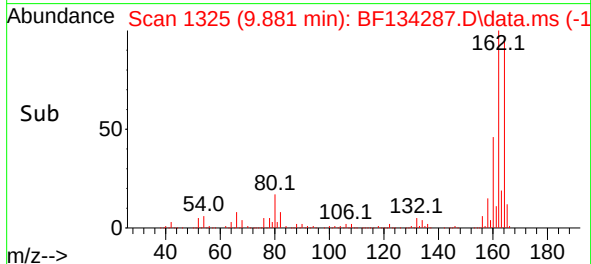
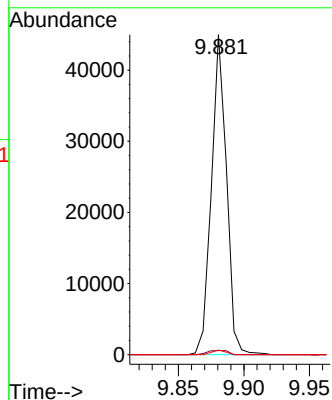
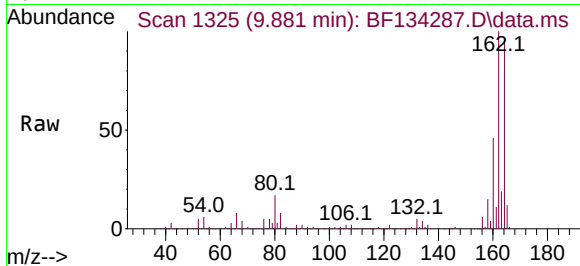




#51
2,6-Dinitrotoluene
Concen: 8.138 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134287.D
Acq: 14 Jul 2023 13:03

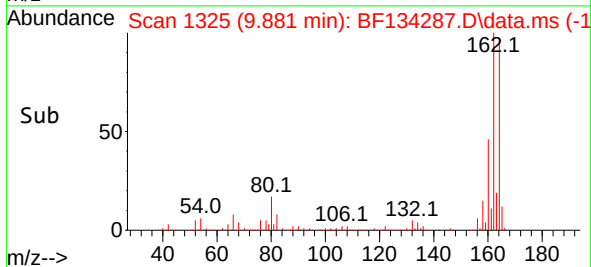
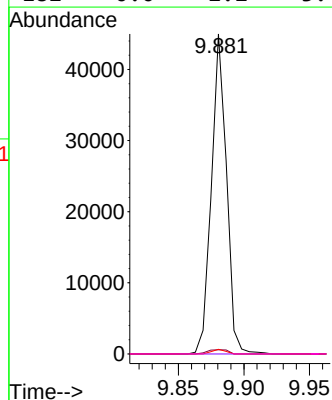
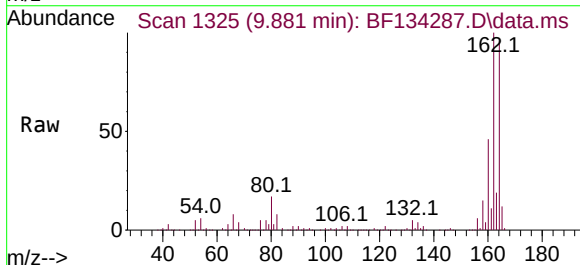
Instrument :
BNA_F
ClientSampleId :
PB154034TB

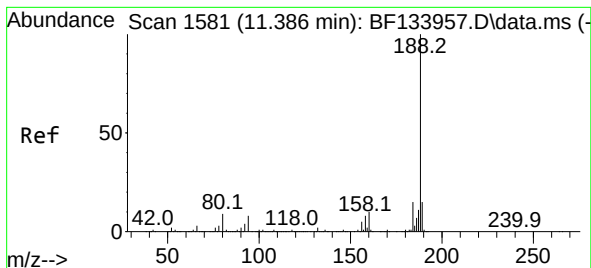
Tgt Ion:165 Resp: 36016
Ion Ratio Lower Upper
165 100
63 1.3 48.5 72.7#
89 1.4 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.162 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134287.D
Acq: 14 Jul 2023 13:03

Tgt Ion:165 Resp: 36016
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.4 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134287.D

Acq: 14 Jul 2023 13:03

Instrument :

BNA_F

ClientSampleId :

PB154034TB

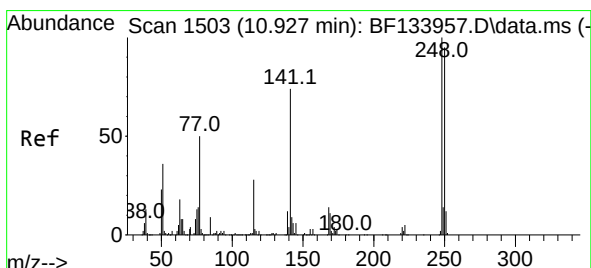
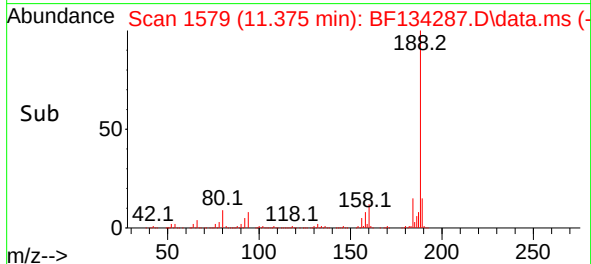
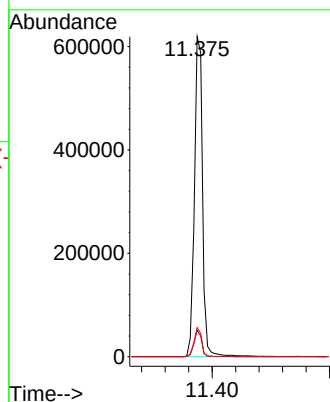
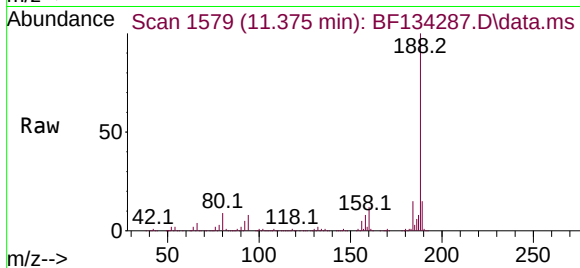
Tgt Ion:188 Resp: 594499

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.1 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 2.528 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.241 min

Lab File: BF134287.D

Acq: 14 Jul 2023 13:03

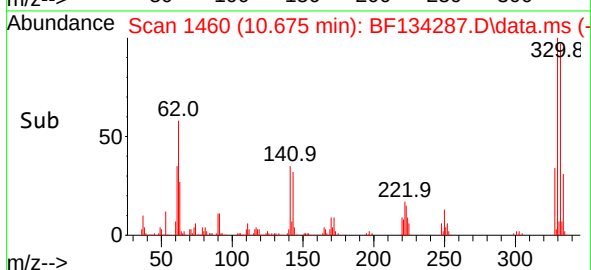
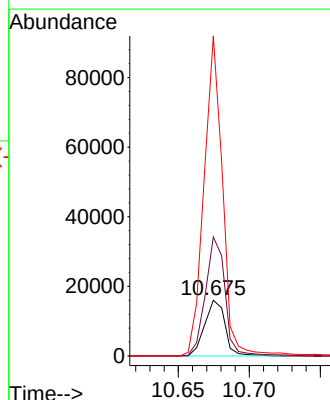
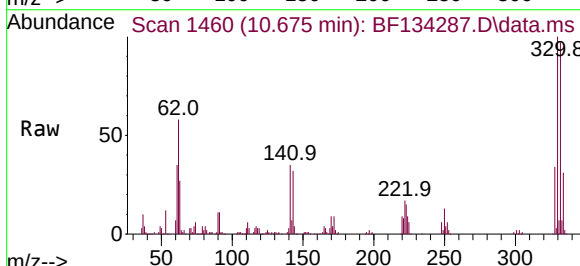
Tgt Ion:248 Resp: 15973

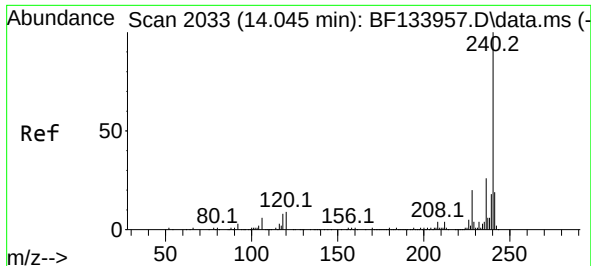
Ion Ratio Lower Upper

248 100

250 214.1 76.2 114.4#

141 575.2 59.0 88.4#

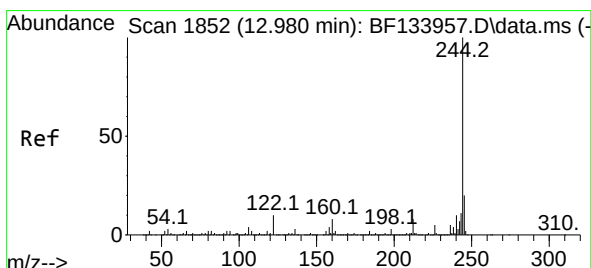
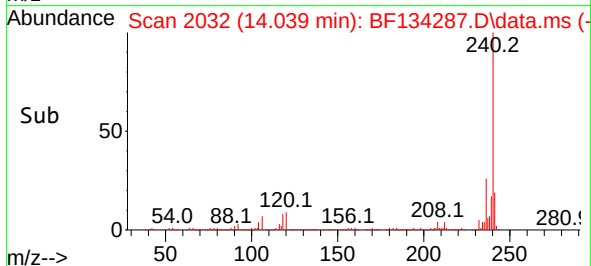
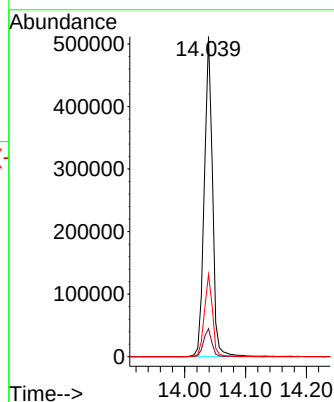
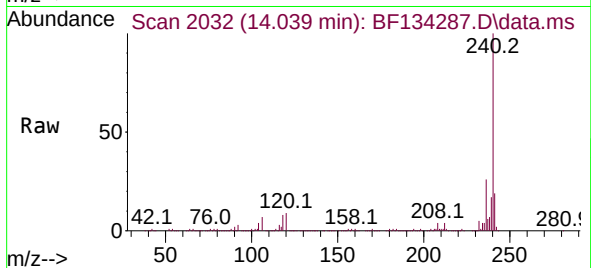




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134287.D
Acq: 14 Jul 2023 13:03

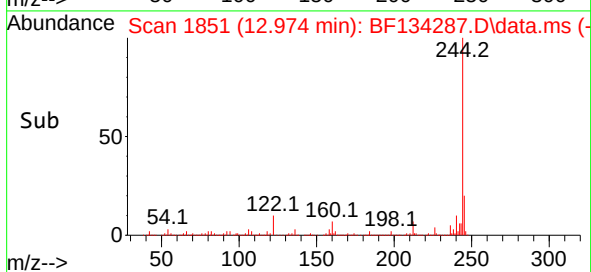
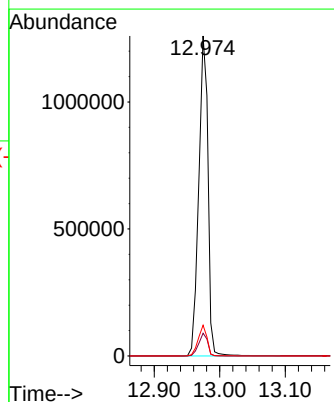
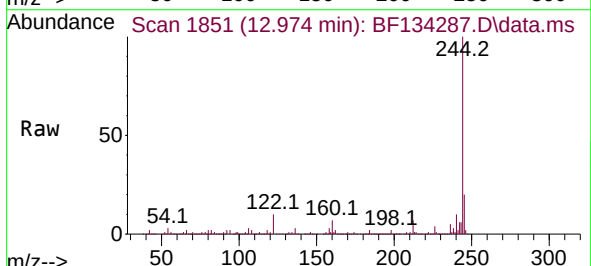
Instrument :
BNA_F
ClientSampleId :
PB154034TB

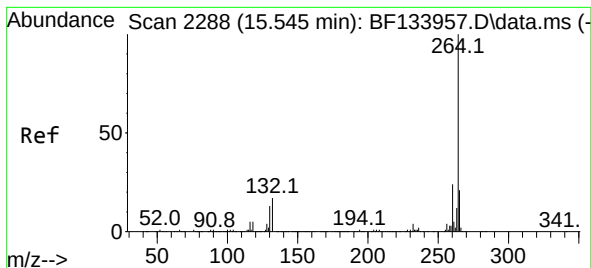
Tgt Ion:240 Resp: 478718
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 25.7 21.0 31.6



#79
Terphenyl-d14
Concen: 41.595 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF134287.D
Acq: 14 Jul 2023 13:03

Tgt Ion:244 Resp: 1237219
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.6 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134287.D

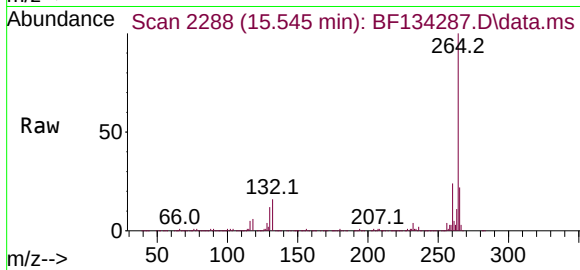
Acq: 14 Jul 2023 13:03

Instrument :

BNA_F

ClientSampleId :

PB154034TB



Tgt Ion:264 Resp: 491006

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.2 16.6 25.0

