

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134289.D
 Acq On : 14 Jul 2023 14:12
 Operator : CG\JU
 Sample : PB153784BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153784BL

Quant Time: Jul 15 00:25:06 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)

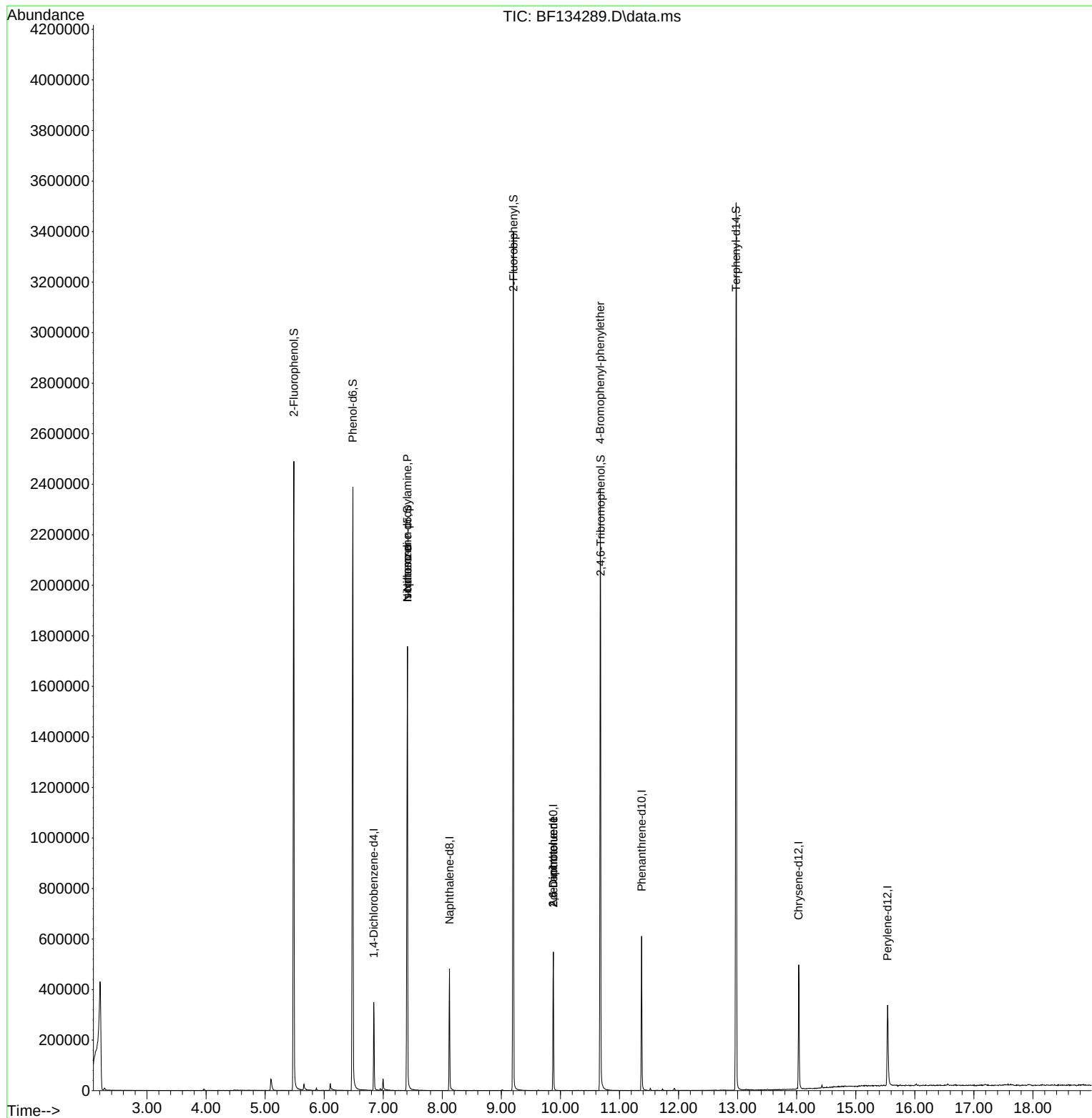
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	50402	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	200064	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	103369	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	216422	20.000	ng	0.00
76) Chrysene-d12	14.033	240	172911	20.000	ng	0.00
86) Perylene-d12	15.539	264	166770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	665647	220.918	ng	0.02
7) Phenol-d6	6.486	99	790652	213.372	ng	0.00
23) Nitrobenzene-d5	7.410	82	551816	148.682	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	310031	239.214	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1078590	151.705	ng	0.00
79) Terphenyl-d14	12.974	244	1442090	134.227	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	1641	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	79281	33.738	ng	# 73
25) Isophorone	7.410	82	551811	81.808	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	13770	8.520	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	13770	6.452	ng	# 22
67) 4-Bromophenyl-phenylether	10.674	248	18086	7.862	ng	# 1

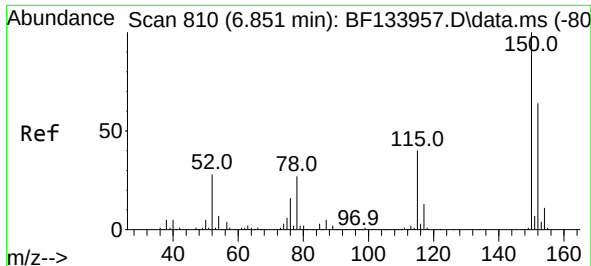
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134289.D
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ALS Vial : 10 Sample Multiplier: 1

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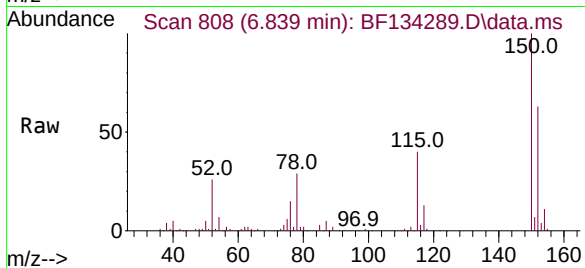
Quant Time: Jul 15 00:25:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration



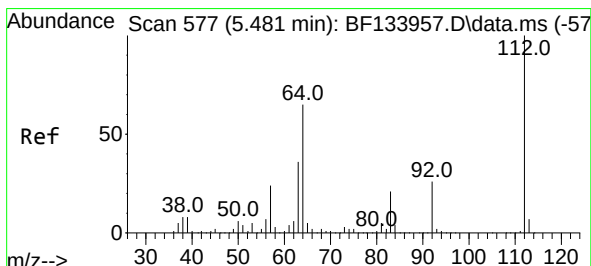
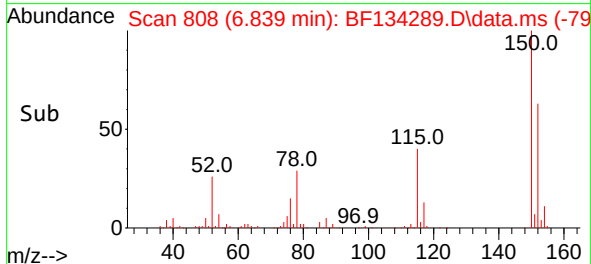
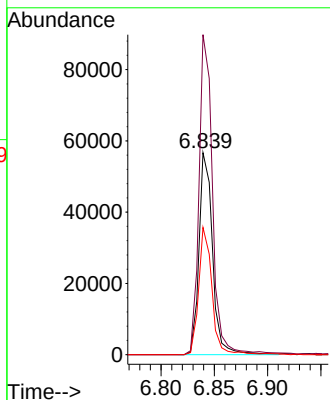


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

Instrument :
BNA_F
ClientSampleId :
PB153784BL

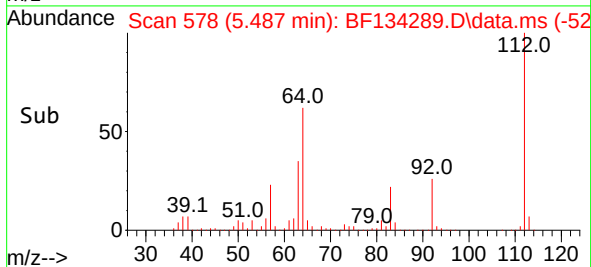
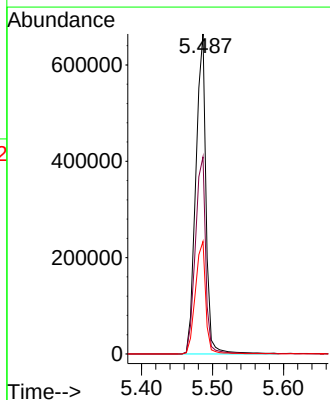
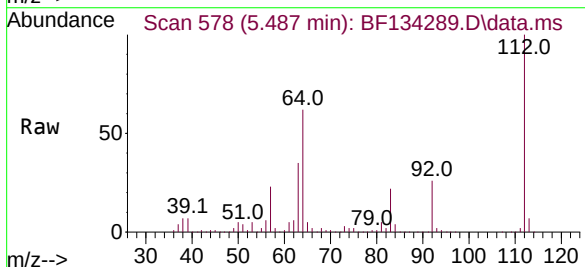


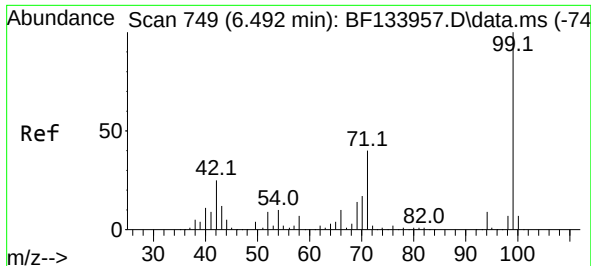
Tgt Ion:152 Resp: 50402
Ion Ratio Lower Upper
152 100
150 158.4 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 220.918 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

Tgt Ion:112 Resp: 665647
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 35.1 28.6 42.8

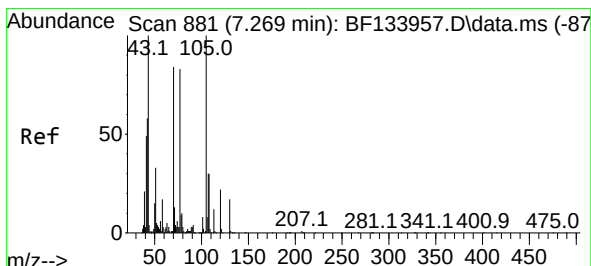
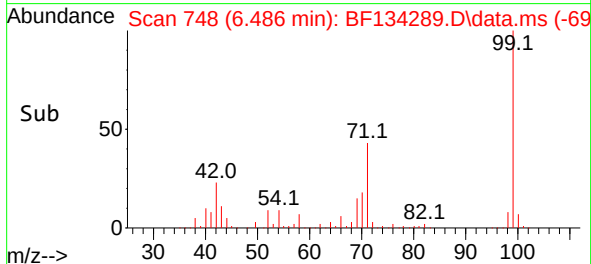
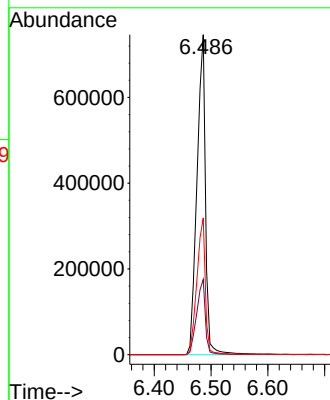
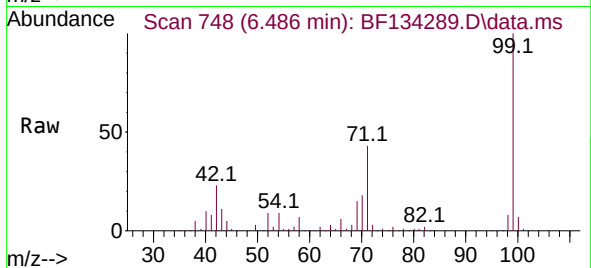




#7
Phenol-d6
Concen: 213.372 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

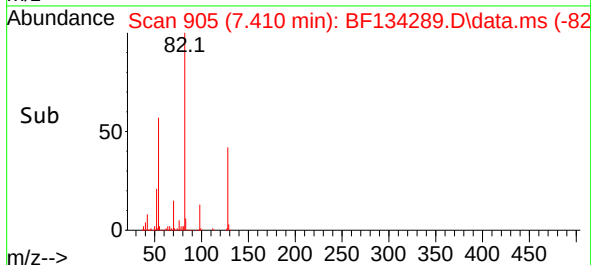
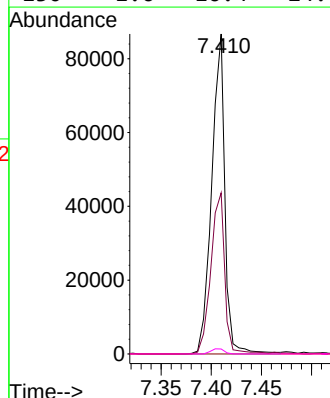
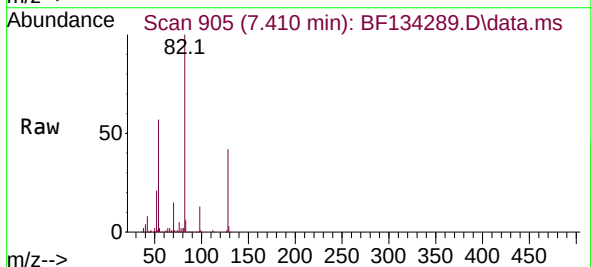
Instrument :
BNA_F
ClientSampleId :
PB153784BL

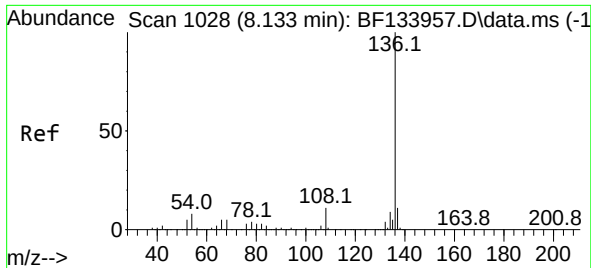
Tgt Ion: 99 Resp: 790652
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 42.8 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 33.738 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

Tgt Ion: 70 Resp: 79281
Ion Ratio Lower Upper
70 100
42 50.4 54.7 82.1#
101 0.0 7.7 11.5#
130 1.6 16.4 24.6#

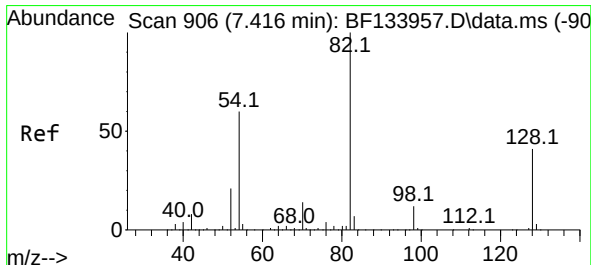
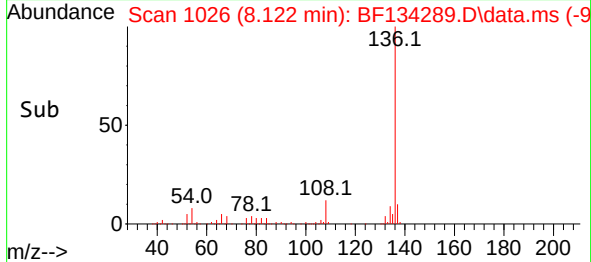
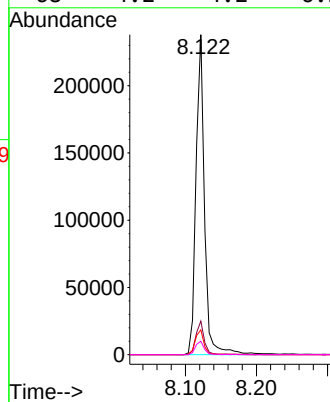
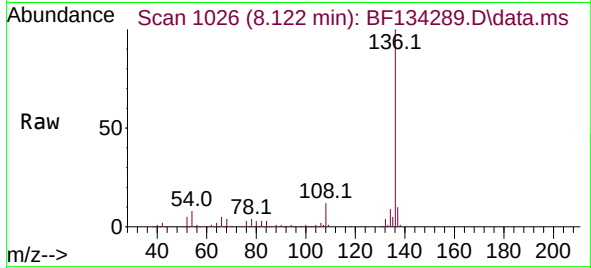




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

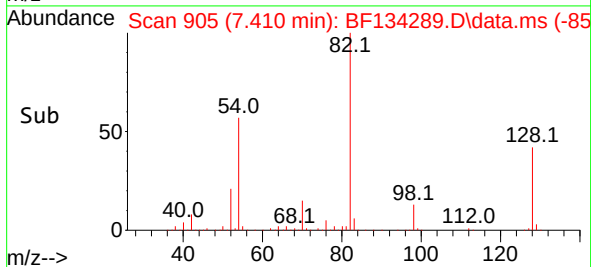
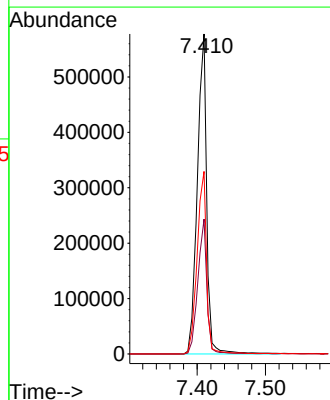
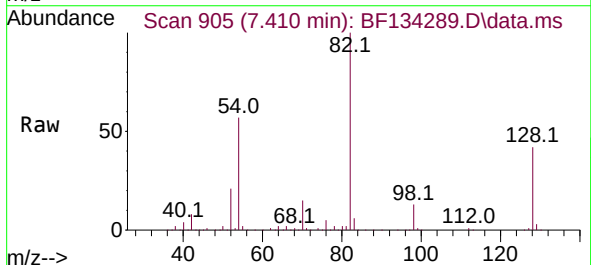
Instrument :
BNA_F
ClientSampleId :
PB153784BL

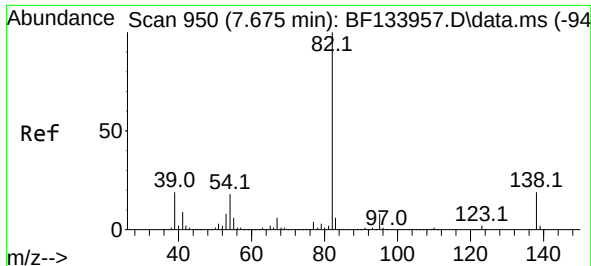
Tgt Ion:136 Resp: 200064
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.8 6.5 9.7
68 4.2 4.2 6.2



#23
Nitrobenzene-d5
Concen: 148.682 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

Tgt Ion: 82 Resp: 551816
Ion Ratio Lower Upper
82 100
128 42.1 32.5 48.7
54 57.1 48.2 72.2

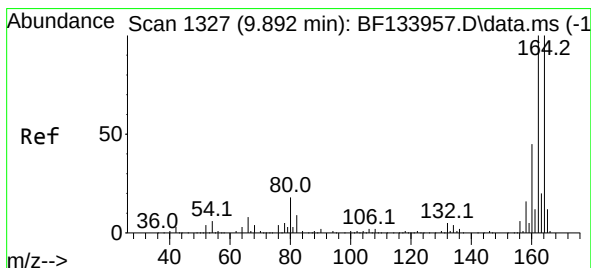
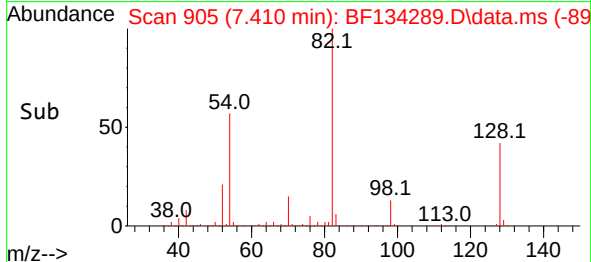
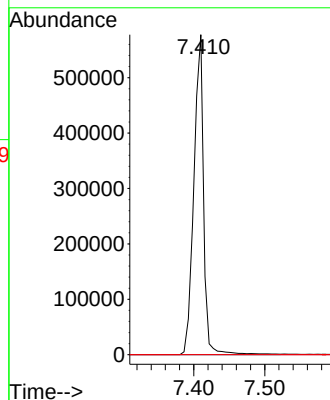
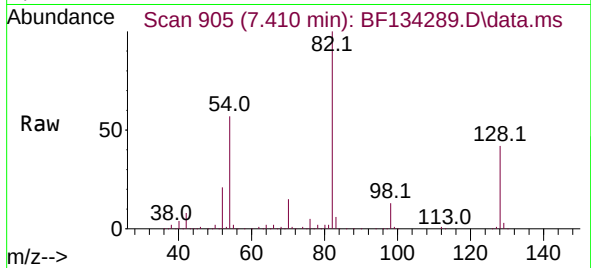




#25
Isophorone
Concen: 81.808 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

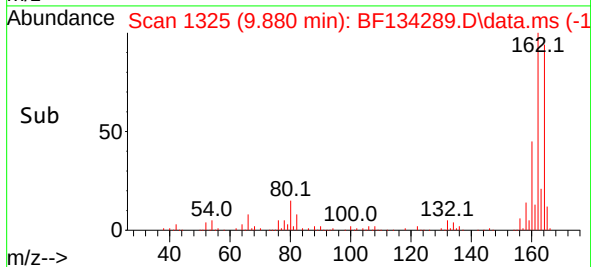
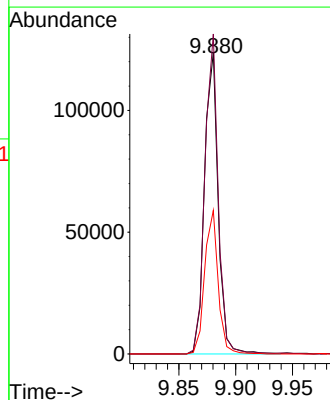
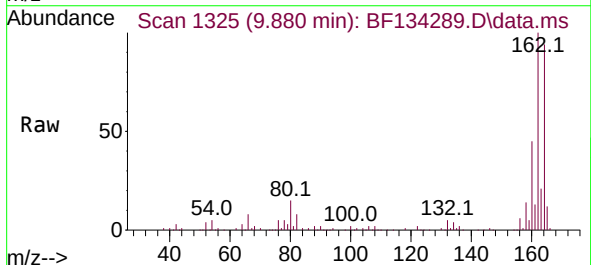
Instrument :
BNA_F
ClientSampleId :
PB153784BL

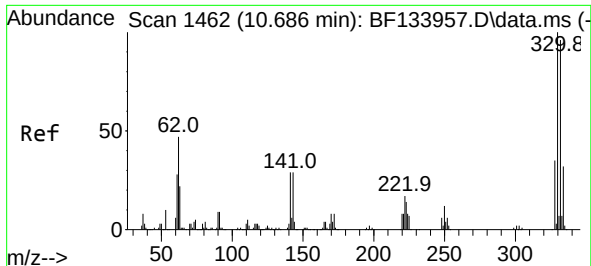
Tgt Ion: 82 Resp: 551811
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

Tgt Ion: 164 Resp: 103369
Ion Ratio Lower Upper
164 100
162 106.1 80.0 120.0
160 47.6 35.9 53.9

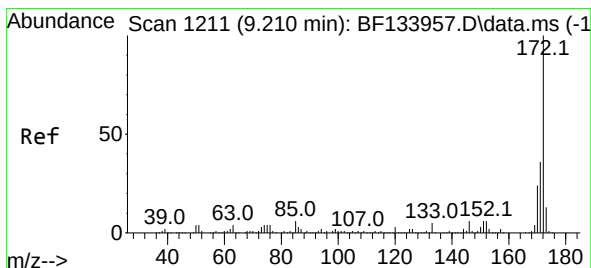
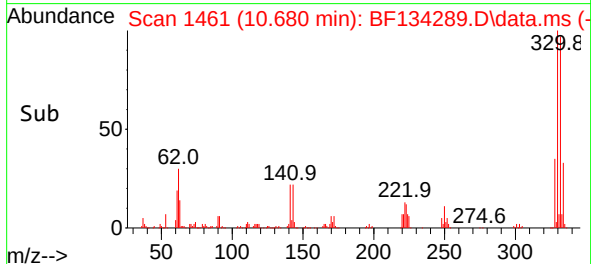
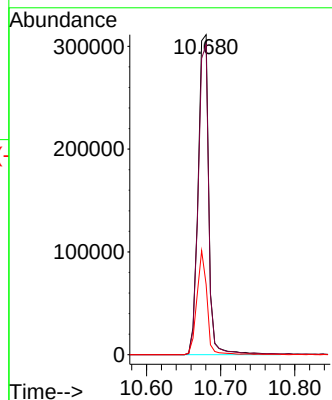
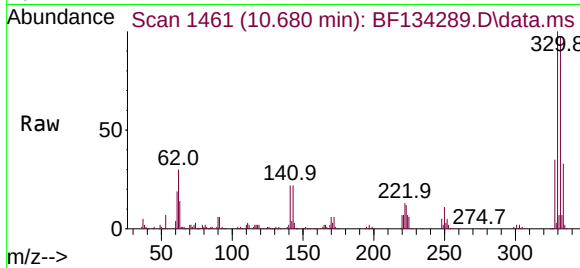




#42
2,4,6-Tribromophenol
Concen: 239.214 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

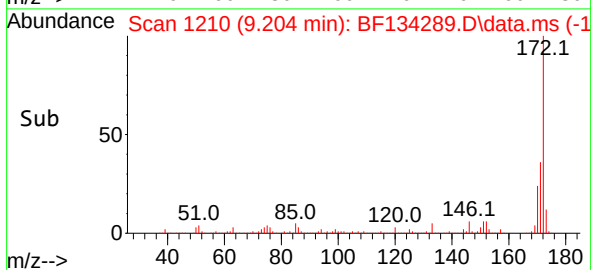
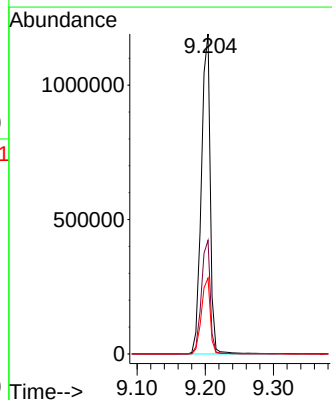
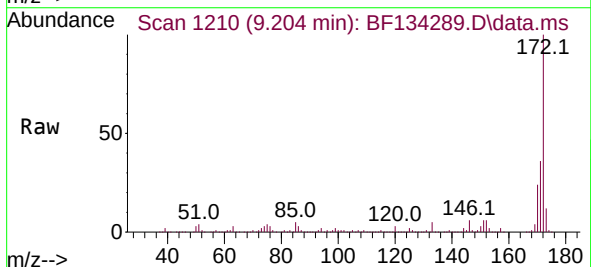
Instrument :
BNA_F
ClientSampleId :
PB153784BL

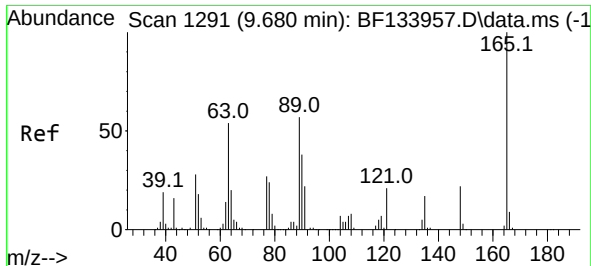
Tgt Ion:330 Resp: 310031
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 30.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 151.705 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

Tgt Ion:172 Resp: 1078590
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.520 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134289.D

Acq: 14 Jul 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB153784BL

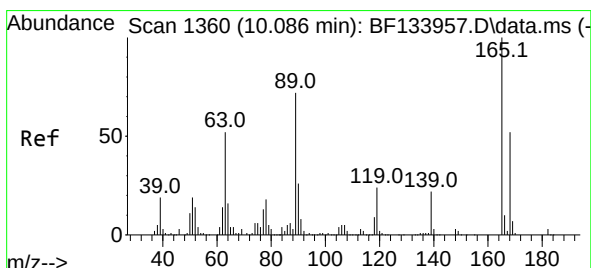
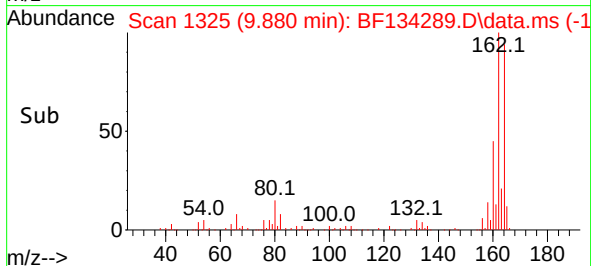
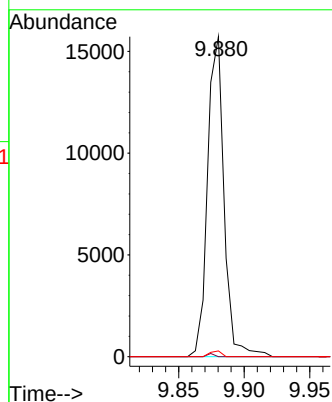
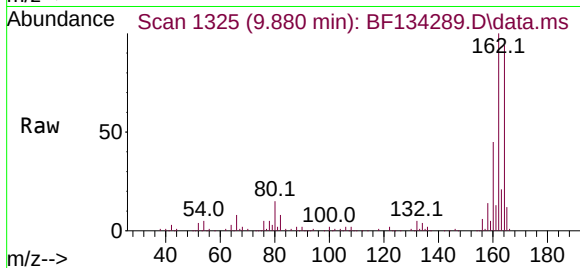
Tgt Ion:165 Resp: 13770

Ion Ratio Lower Upper

165 100

63 0.0 48.5 72.7#

89 1.8 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.452 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134289.D

Acq: 14 Jul 2023 14:12

Tgt Ion:165 Resp: 13770

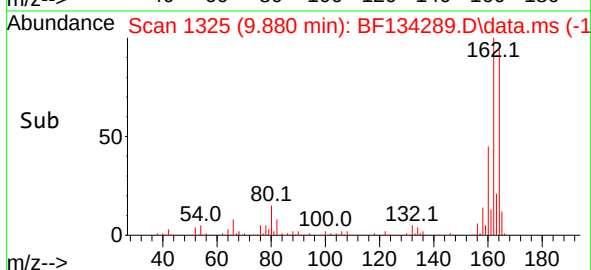
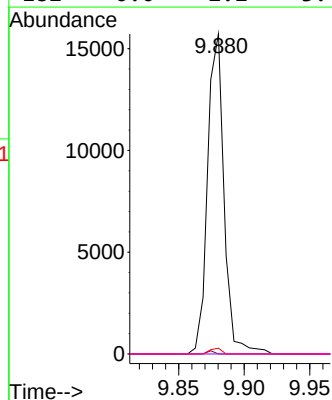
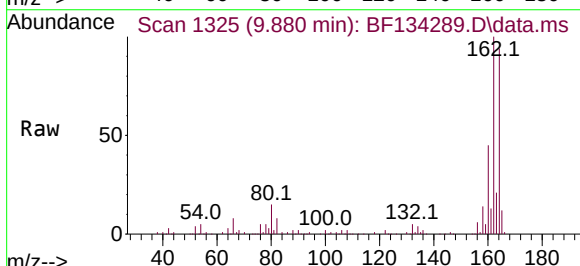
Ion Ratio Lower Upper

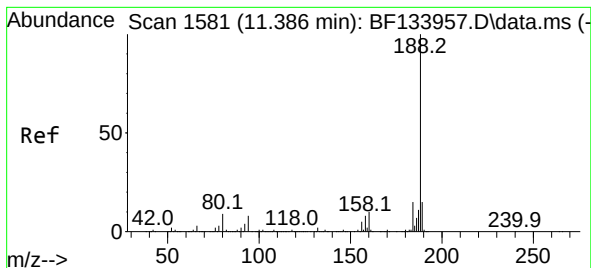
165 100

63 0.0 42.2 63.2#

89 1.8 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. -0.000 min

Lab File: BF134289.D

Acq: 14 Jul 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB153784BL

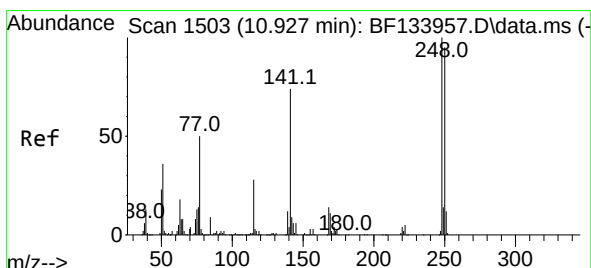
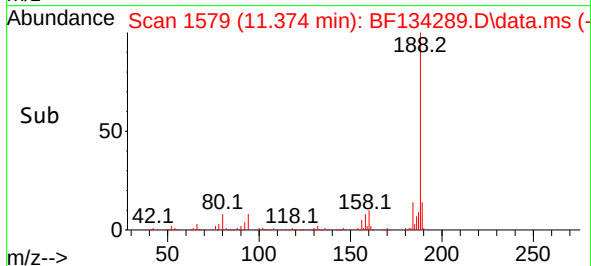
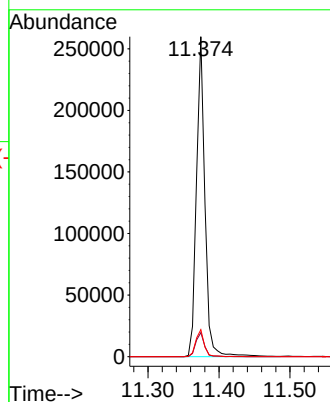
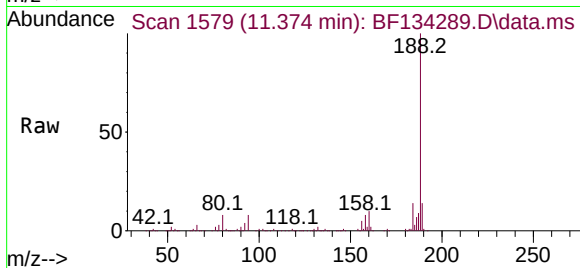
Tgt Ion:188 Resp: 216422

Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.5 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 7.862 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.241 min

Lab File: BF134289.D

Acq: 14 Jul 2023 14:12

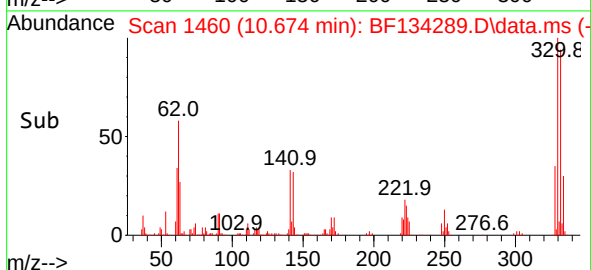
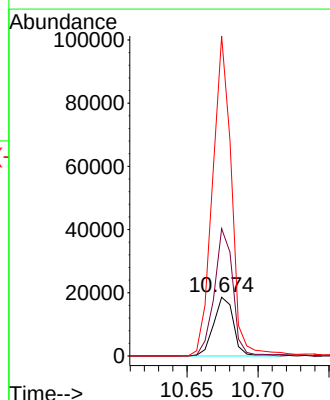
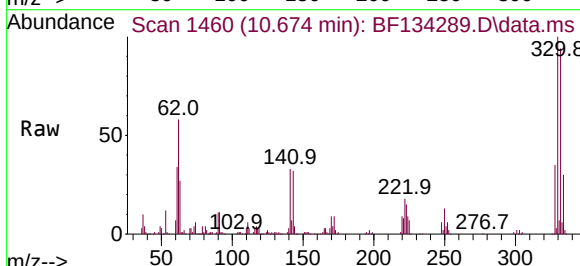
Tgt Ion:248 Resp: 18086

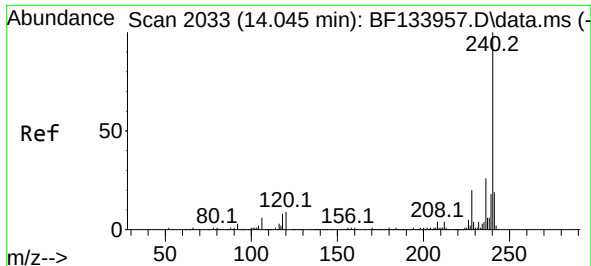
Ion Ratio Lower Upper

248 100

250 217.0 76.2 114.4#

141 545.2 59.0 88.4#

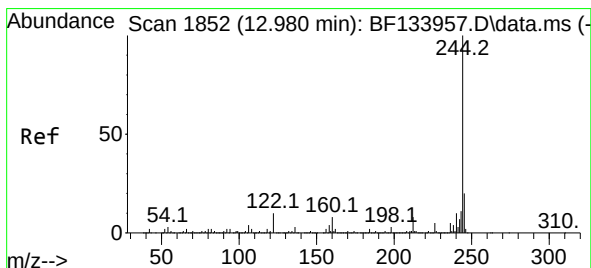
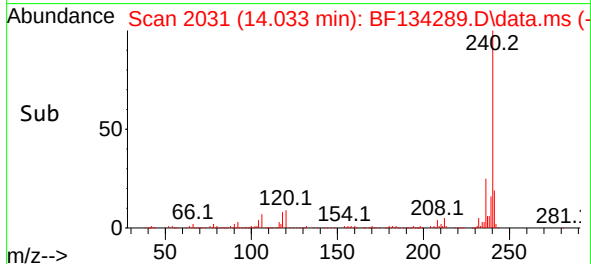
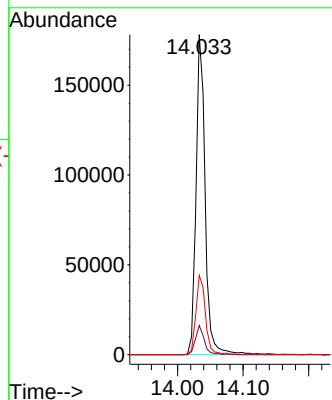
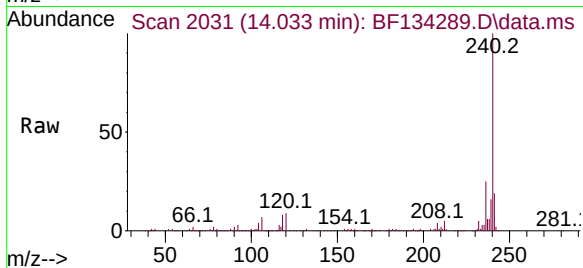




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

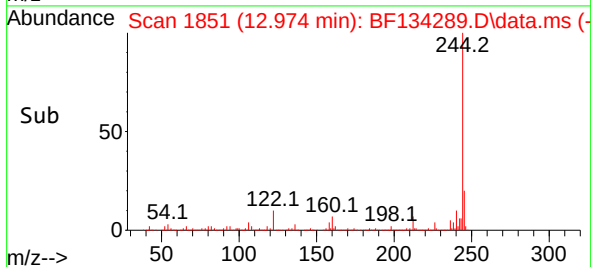
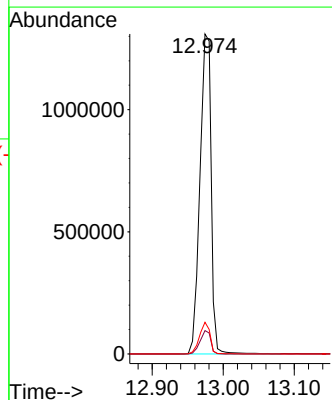
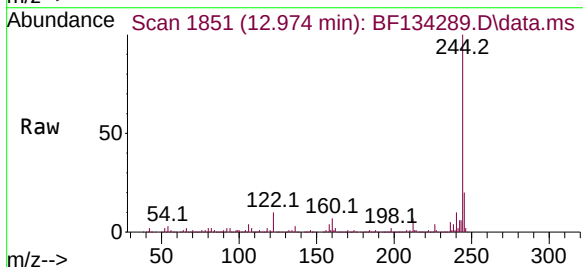
Instrument :
BNA_F
ClientSampleId :
PB153784BL

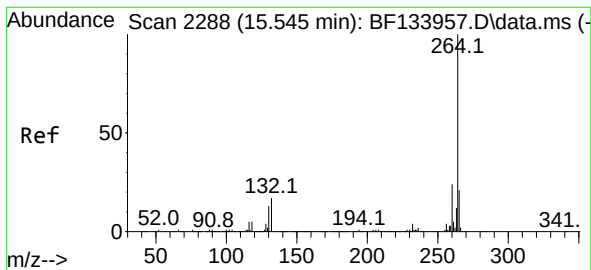
Tgt Ion:240 Resp: 172911
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 24.8 21.0 31.6



#79
Terphenyl-d14
Concen: 134.227 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

Tgt Ion:244 Resp: 1442090
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.9 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134289.D

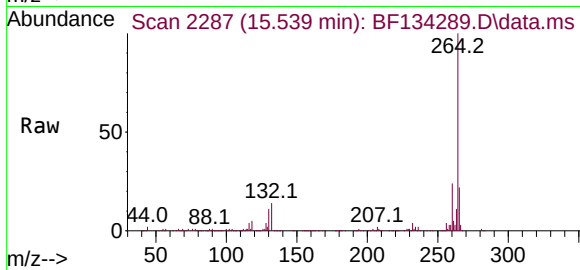
Acq: 14 Jul 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB153784BL



Tgt Ion:264 Resp: 166770

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 22.3 16.6 25.0

