

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
 Data File : BF141997.D
 Acq On : 19 Mar 2025 10:44
 Operator : RC/JU
 Sample : PB167188BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167188BL

Quant Time: Mar 19 11:26:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

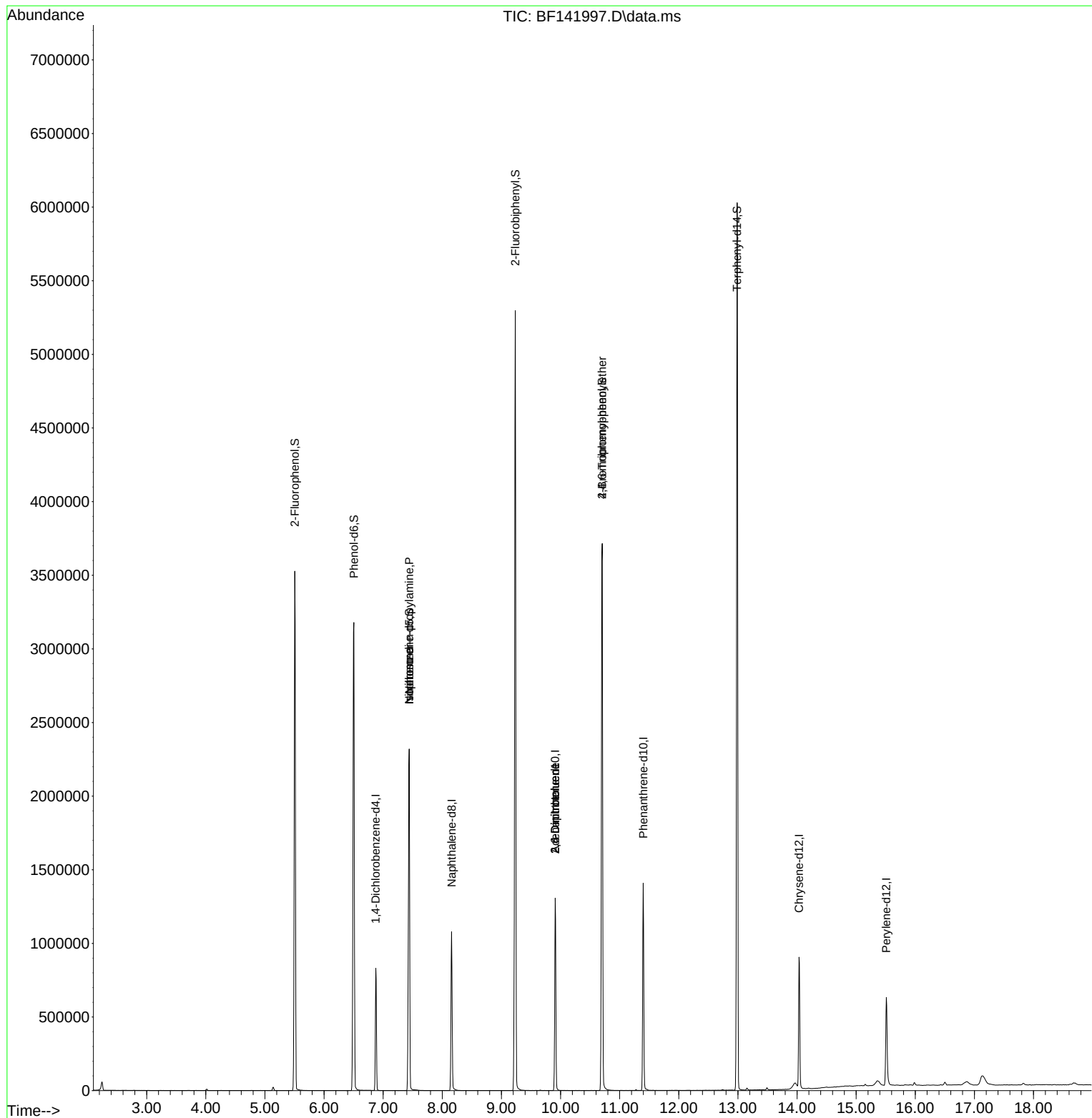
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	179364	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	733782	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	412111	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	745100	20.000	ng	0.00
76) Chrysene-d12	14.033	240	464135	20.000	ng	0.00
86) Perylene-d12	15.510	264	389201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1432544	133.296	ng	0.01
7) Phenol-d6	6.504	99	1762557	128.810	ng	0.00
23) Nitrobenzene-d5	7.440	82	1171004	89.808	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	765519	146.422	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2511851	92.695	ng	0.00
79) Terphenyl-d14	12.986	244	3089090	98.400	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	165237	18.793	ng	# 77
25) Isophorone	7.440	82	1149193	49.860	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	54346	9.044	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	54346	6.925	ng	# 24
67) 4-Bromophenyl-phenylether	10.704	248	47478	5.074	ng	# 1

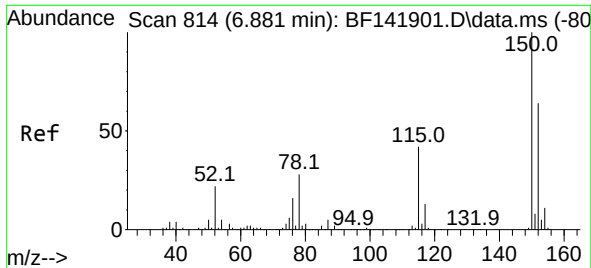
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
Data File : BF141997.D
Acq On : 19 Mar 2025 10:44
Operator : RC/JU
Sample : PB167188BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167188BL

Quant Time: Mar 19 11:26:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

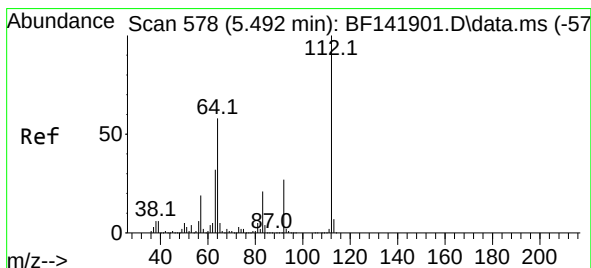
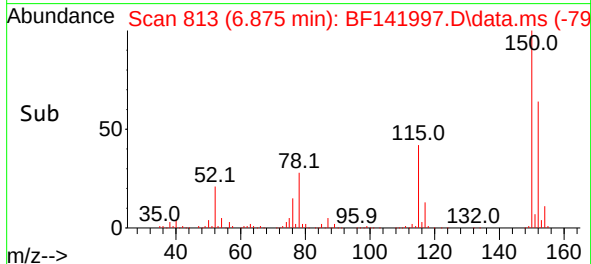
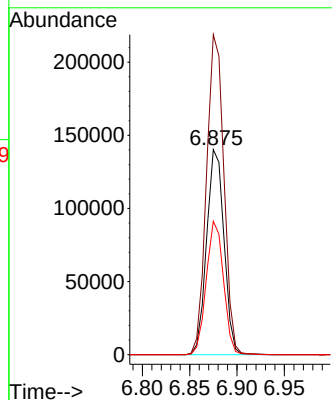
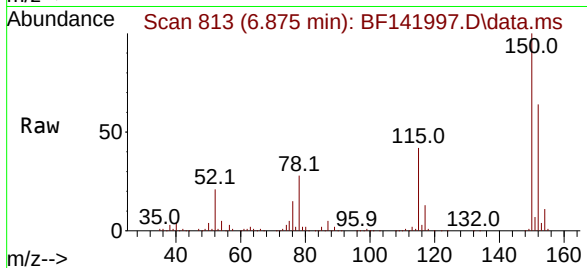




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

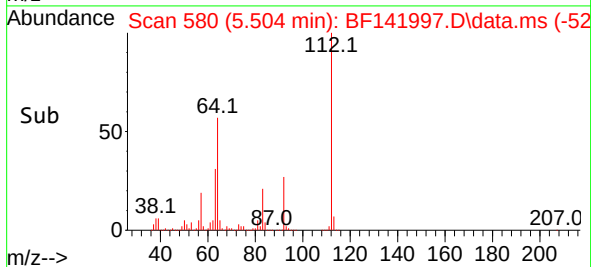
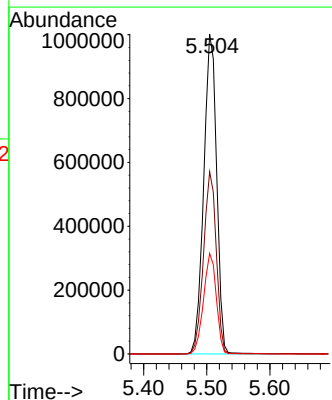
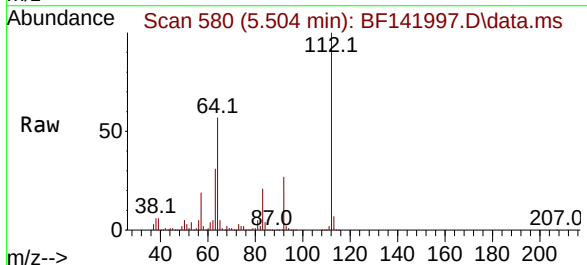
Instrument :
BNA_F
ClientSampleId :
PB167188BL

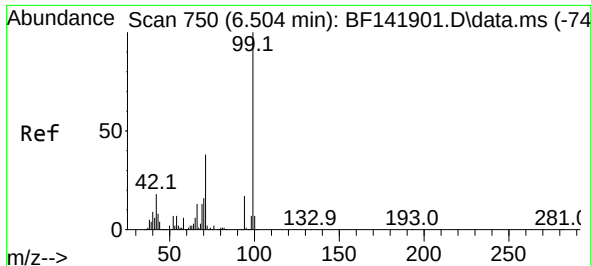
Tgt Ion:152 Resp: 179364
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 65.1 51.9 77.9



#5
2-Fluorophenol
Concen: 133.296 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

Tgt Ion:112 Resp: 1432544
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 31.4 25.4 38.2

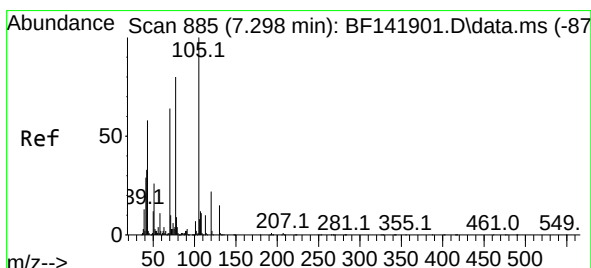
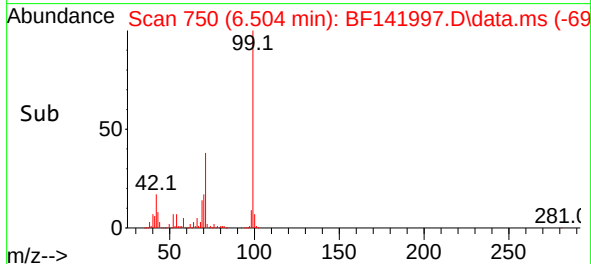
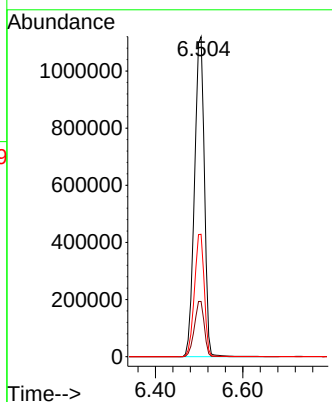
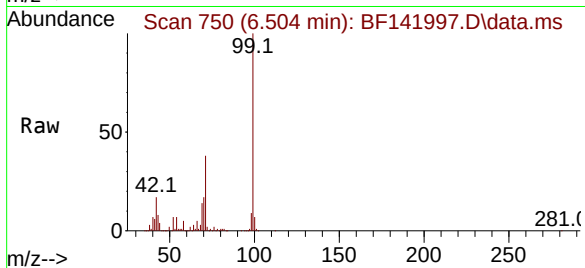




#7
Phenol-d6
Concen: 128.810 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

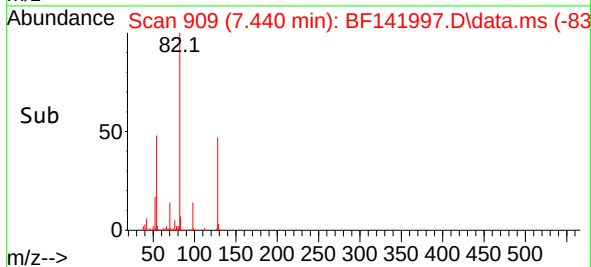
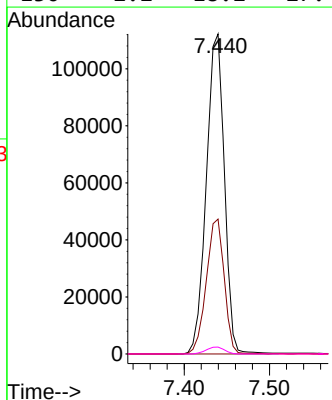
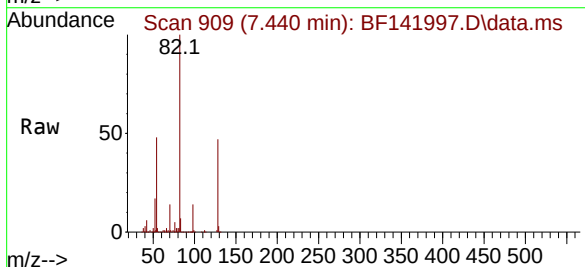
Instrument :
BNA_F
ClientSampleId :
PB167188BL

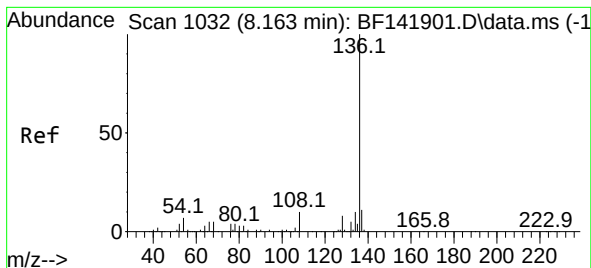
Tgt Ion: 99 Resp: 1762557
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.3 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.793 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

Tgt Ion: 70 Resp: 165237
Ion Ratio Lower Upper
70 100
42 42.1 41.4 62.0
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141997.D

Acq: 19 Mar 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB167188BL

Tgt Ion:136 Resp: 733782

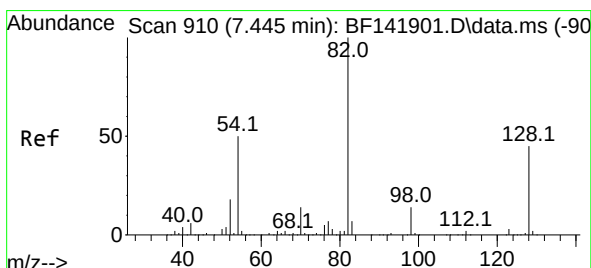
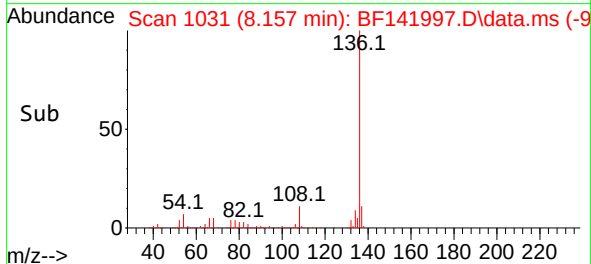
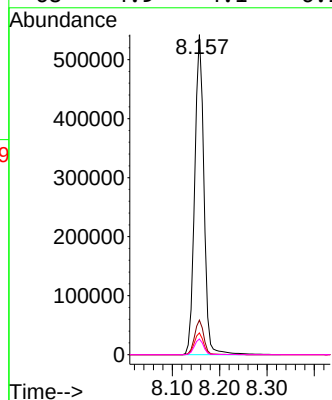
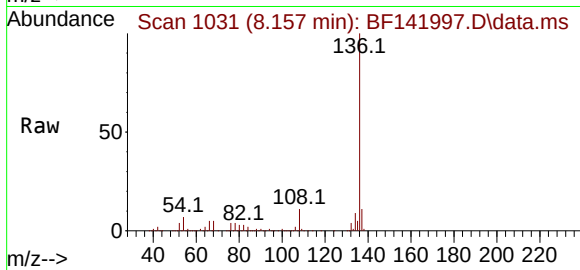
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.8 5.8 8.8

68 4.9 4.1 6.1



#23

Nitrobenzene-d5

Concen: 89.808 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141997.D

Acq: 19 Mar 2025 10:44

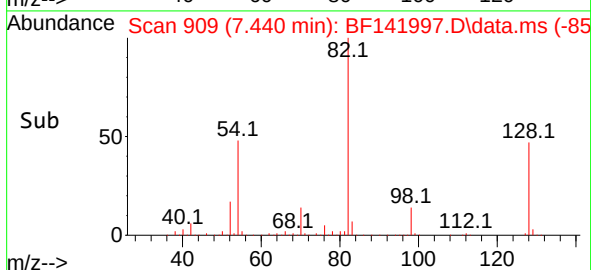
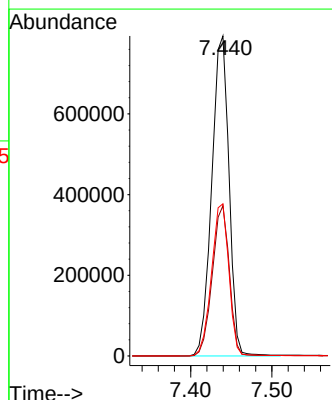
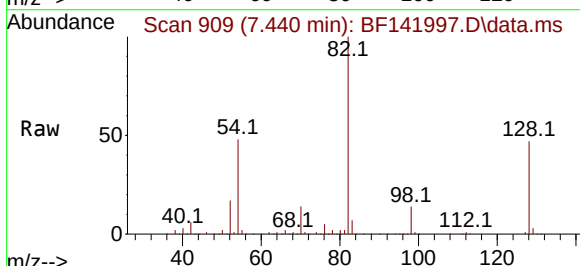
Tgt Ion: 82 Resp: 1171004

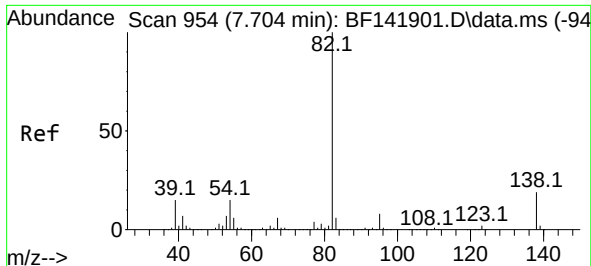
Ion Ratio Lower Upper

82 100

128 47.0 36.0 54.0

54 47.6 39.6 59.4

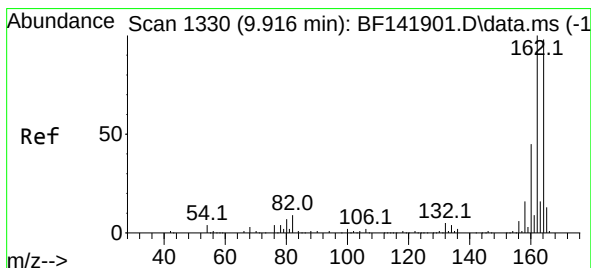
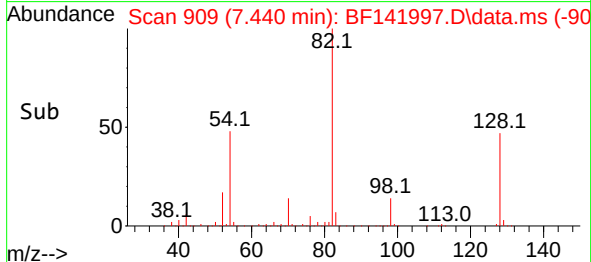
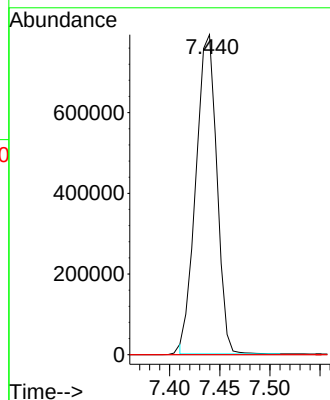
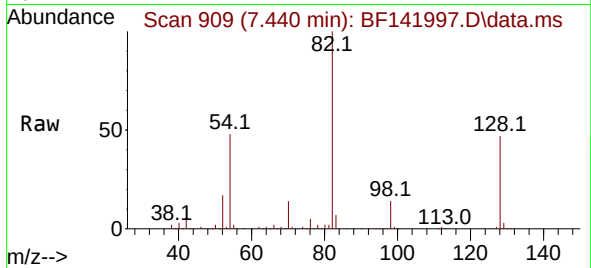




#25
Isophorone
Concen: 49.860 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

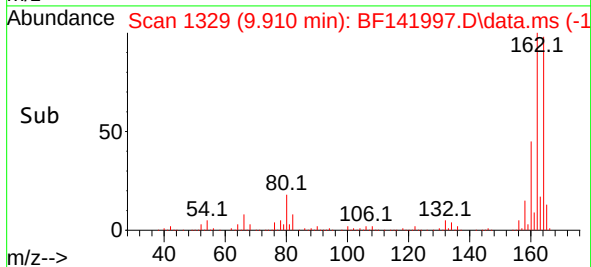
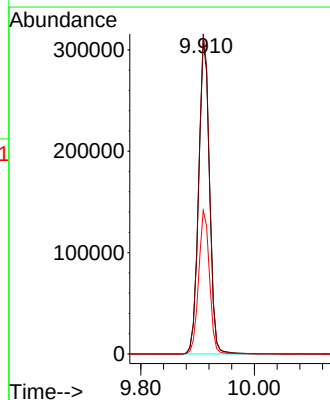
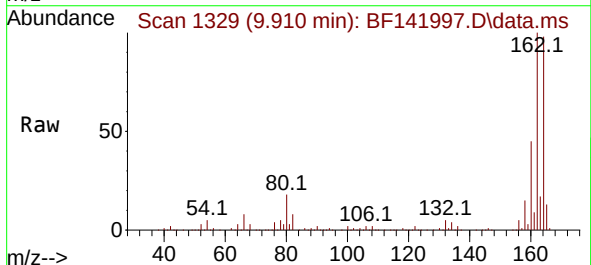
Instrument :
BNA_F
ClientSampleId :
PB167188BL

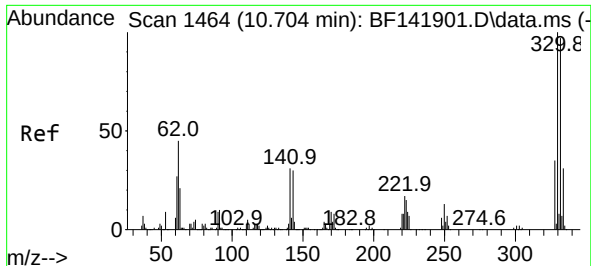
Tgt Ion: 82 Resp: 1149193
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

Tgt Ion:164 Resp: 412111
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 45.7 36.7 55.1

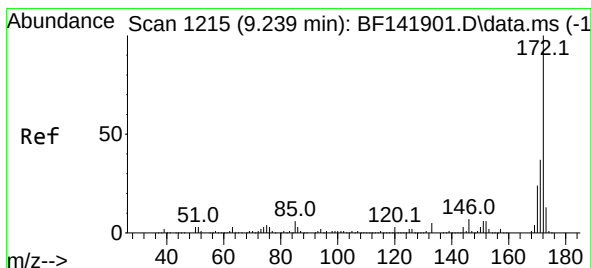
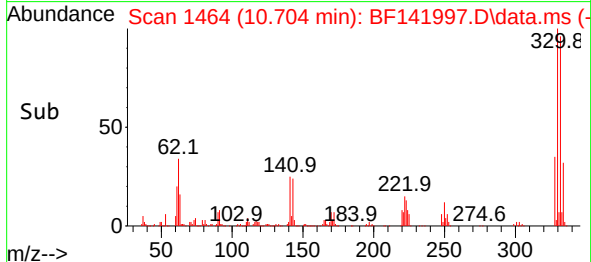
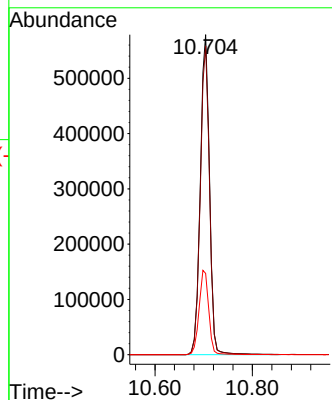
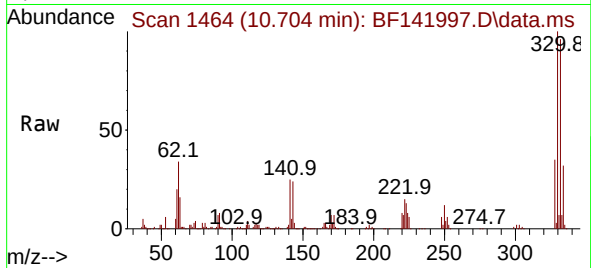




#42
2,4,6-Tribromophenol
Concen: 146.422 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

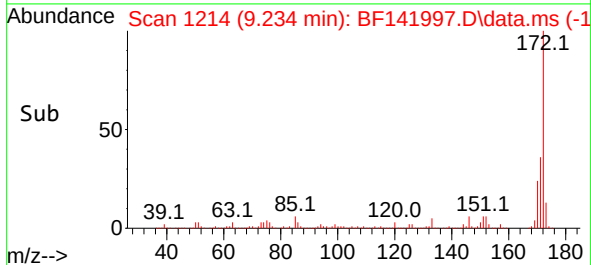
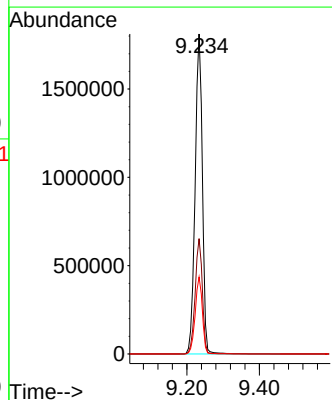
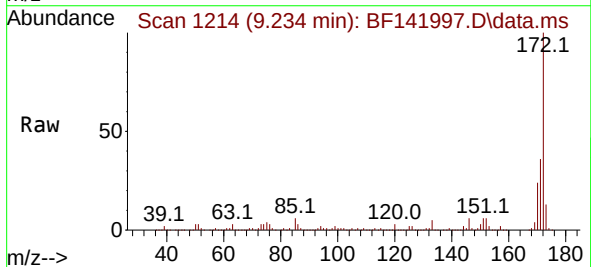
Instrument :
BNA_F
ClientSampleId :
PB167188BL

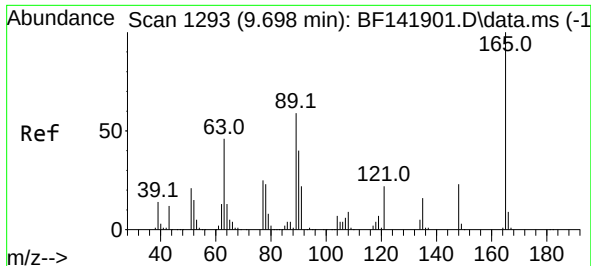
Tgt Ion:330 Resp: 765519
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 27.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 92.695 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

Tgt Ion:172 Resp: 2511851
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 24.0 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 9.044 ng

RT: 9.910 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF141997.D

Acq: 19 Mar 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB167188BL

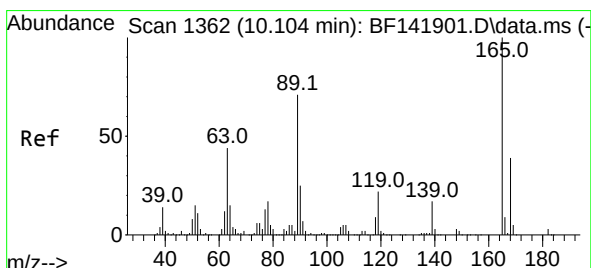
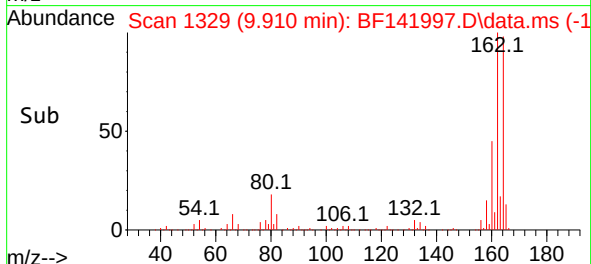
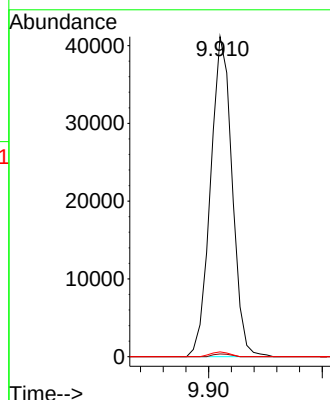
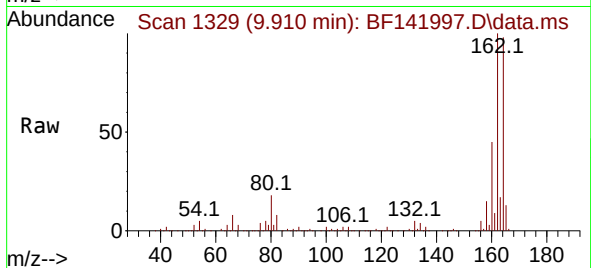
Tgt Ion:165 Resp: 54346

Ion Ratio Lower Upper

165 100

63 0.9 47.0 70.4#

89 1.5 47.4 71.2#



#57

2,4-Dinitrotoluene

Concen: 6.925 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF141997.D

Acq: 19 Mar 2025 10:44

Tgt Ion:165 Resp: 54346

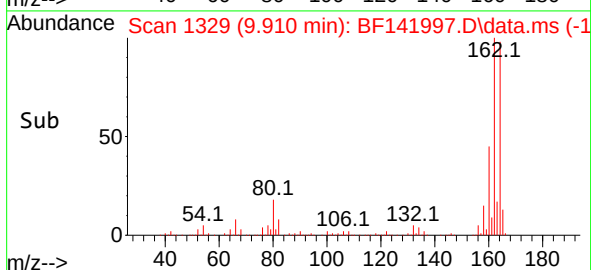
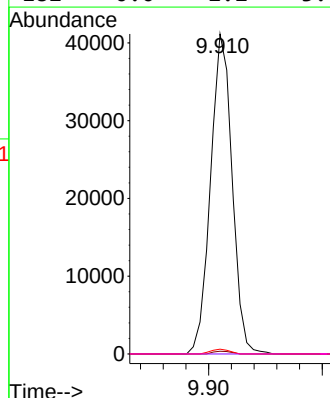
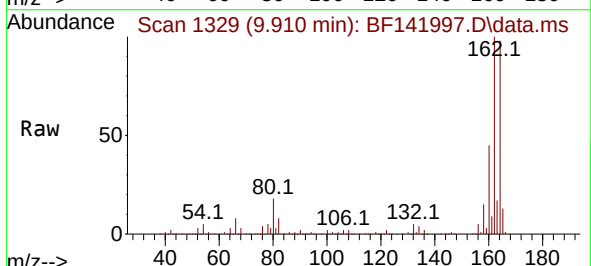
Ion Ratio Lower Upper

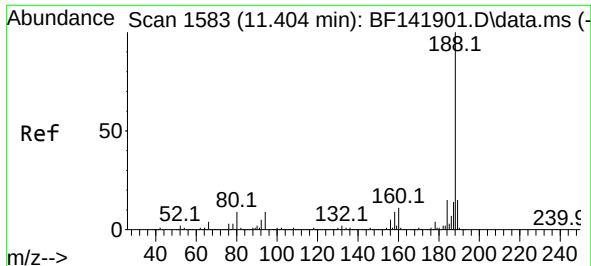
165 100

63 0.9 35.4 53.2#

89 1.5 56.6 84.8#

182 0.0 2.2 3.4#

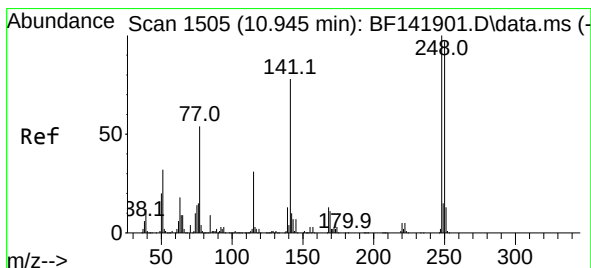
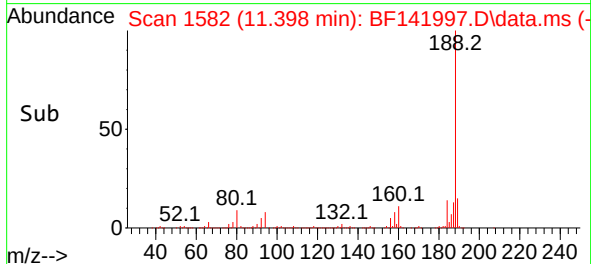
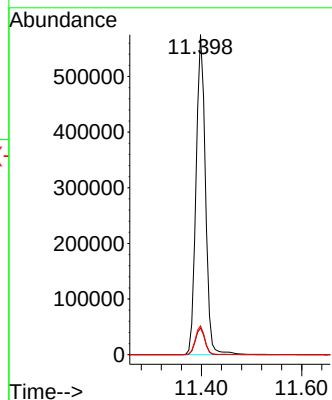
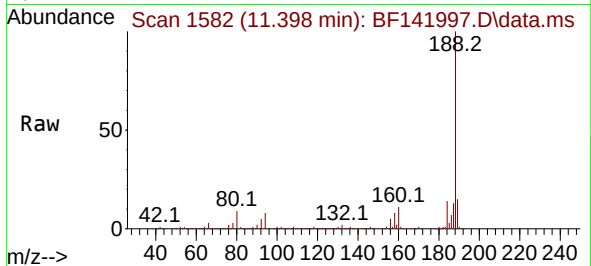




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

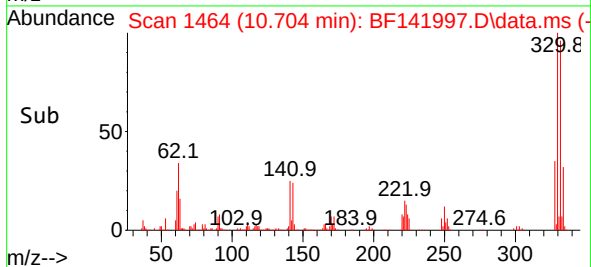
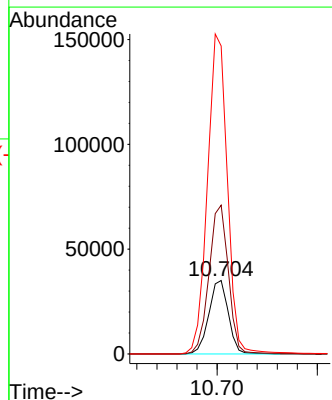
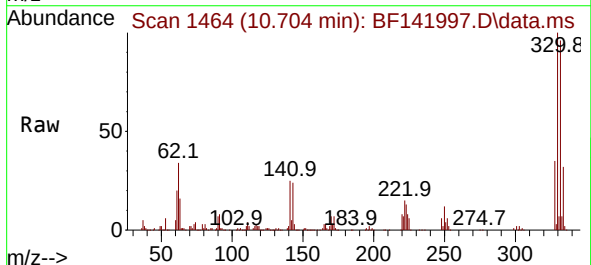
Instrument :
BNA_F
ClientSampleId :
PB167188BL

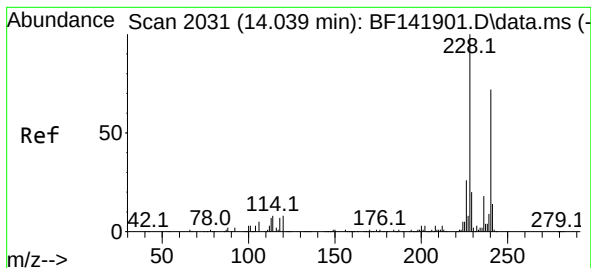
Tgt Ion:188 Resp: 745100
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.074 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

Tgt Ion:248 Resp: 47478
Ion Ratio Lower Upper
248 100
250 202.4 77.8 116.8#
141 419.0 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF141997.D

Acq: 19 Mar 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB167188BL

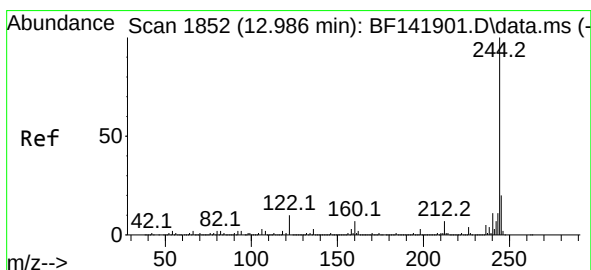
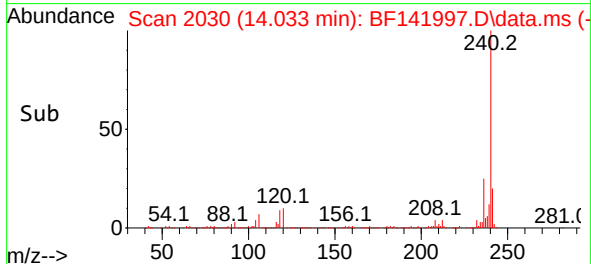
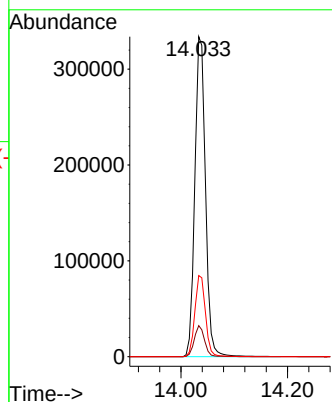
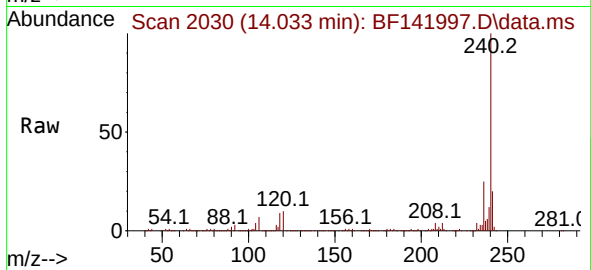
Tgt Ion:240 Resp: 464135

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 98.400 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141997.D

Acq: 19 Mar 2025 10:44

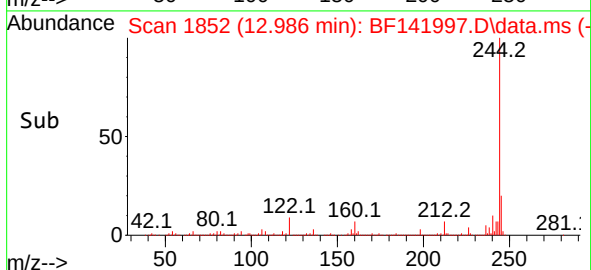
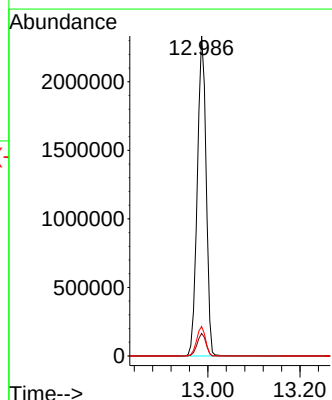
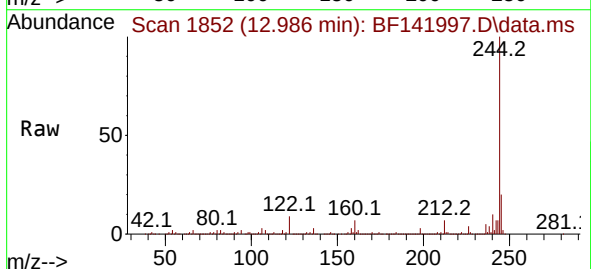
Tgt Ion:244 Resp: 3089090

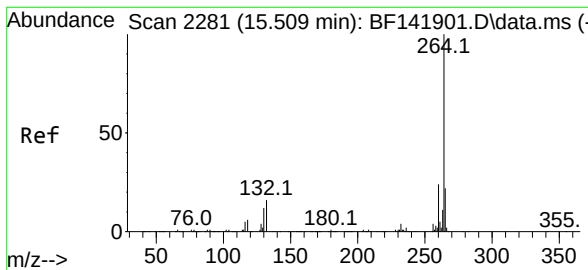
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

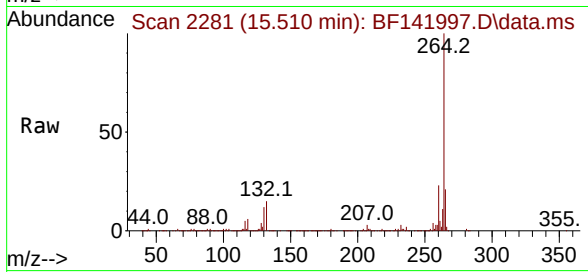
122 9.2 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141997.D
 Acq: 19 Mar 2025 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB167188BL



Tgt Ion:264 Resp: 389201

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.2	17.5	26.3

