

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144315.D
 Acq On : 21 Nov 2025 18:49
 Operator : RC/JU
 Sample : PB170692TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170692BL

Quant Time: Nov 21 22:05:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

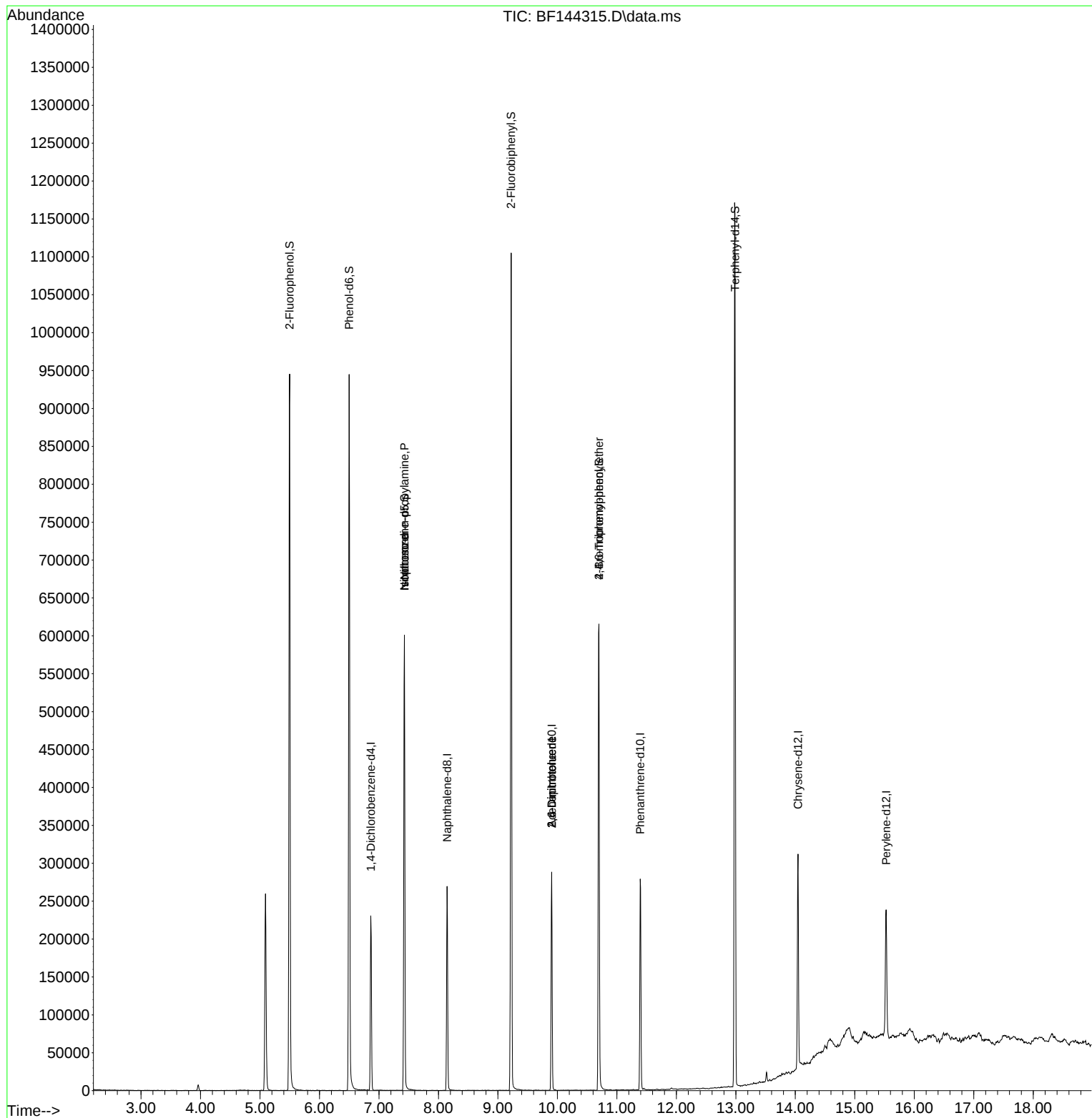
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	48734	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	177077	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	90665	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	159623	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	146079	20.000	ng	0.00
86) Perylene-d12	15.527	264	111347	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	382918	122.957	ng	0.00
7) Phenol-d6	6.498	99	410886	116.442	ng	0.00
23) Nitrobenzene-d5	7.428	82	256435	83.638	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	131977	115.999	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	525050	85.531	ng	0.00
79) Terphenyl-d14	12.986	244	657224	71.464	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	37877	16.306	ng	# 77
25) Isophorone	7.428	82	256432	44.217	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	11747	9.661	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	11747	7.217	ng	# 27
67) 4-Bromophenyl-phenylether	10.698	248	7300	3.583	ng	# 1

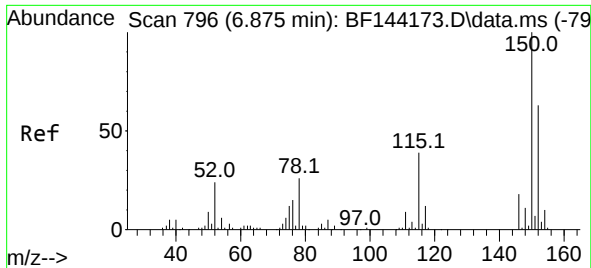
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
Data File : BF144315.D
Acq On : 21 Nov 2025 18:49
Operator : RC/JU
Sample : PB170692TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170692BL

Quant Time: Nov 21 22:05:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

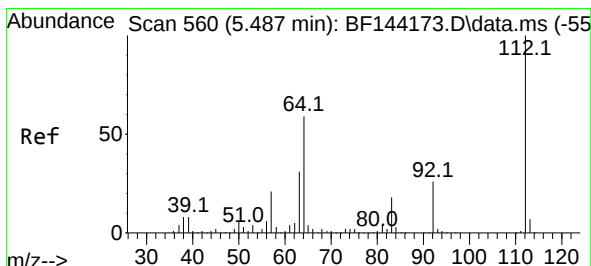
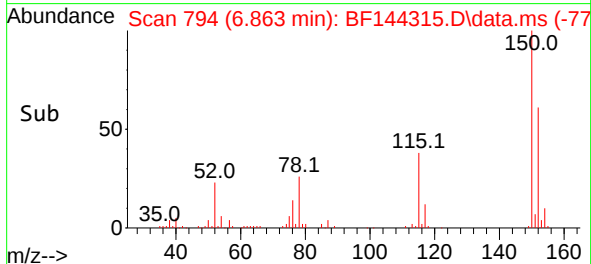
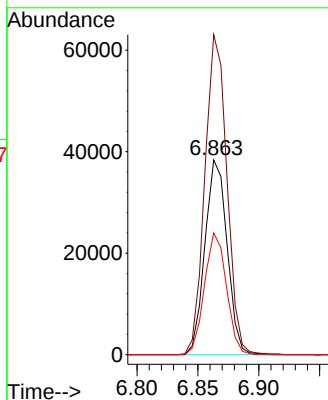
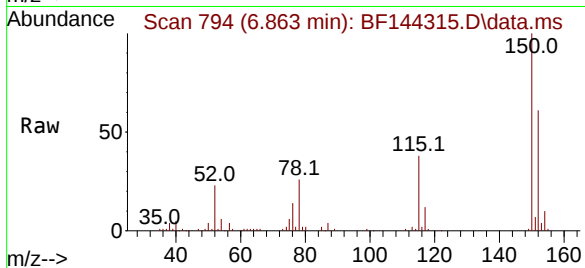




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

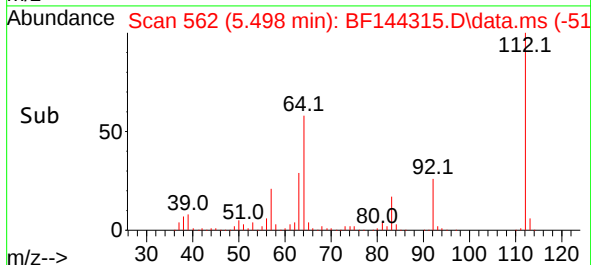
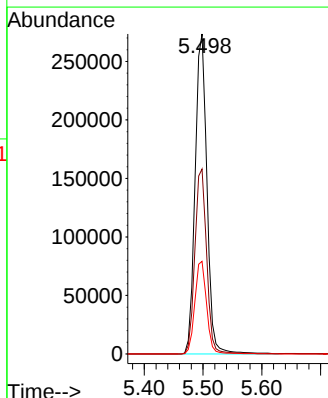
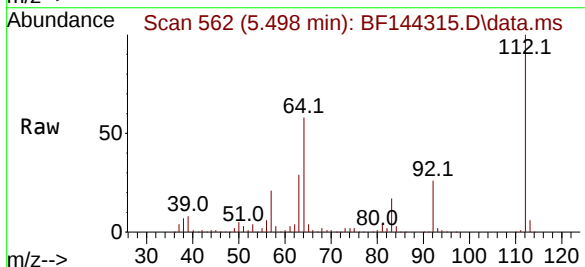
Instrument :
BNA_F
ClientSampleId :
PB170692BL

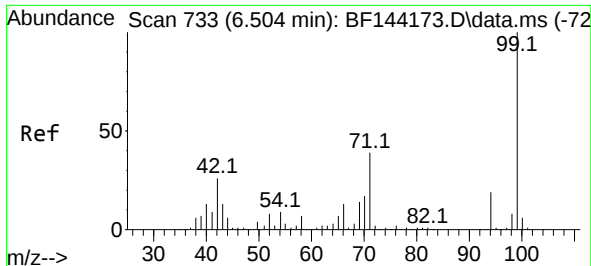
Tgt Ion:152 Resp: 48734
Ion Ratio Lower Upper
152 100
150 164.3 127.4 191.0
115 62.6 49.5 74.3



#5
2-Fluorophenol
Concen: 122.957 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

Tgt Ion:112 Resp: 382918
Ion Ratio Lower Upper
112 100
64 57.8 47.2 70.8
63 29.0 24.4 36.6

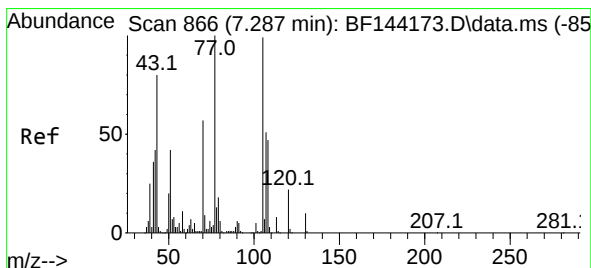
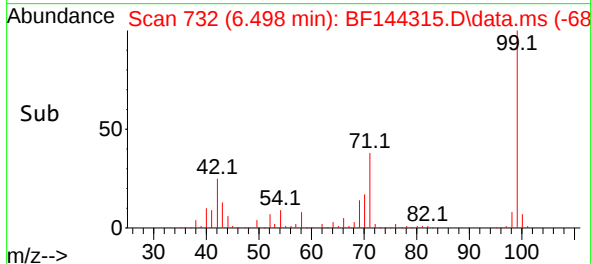
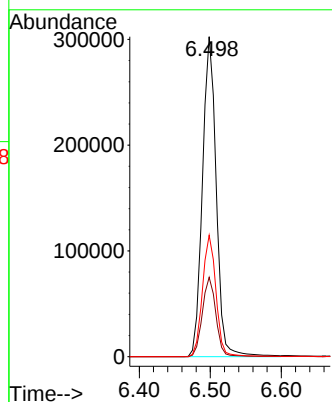
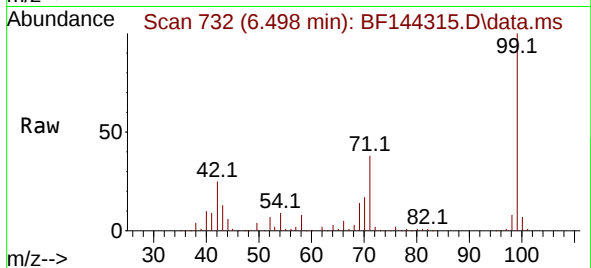




#7
Phenol-d6
Concen: 116.442 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

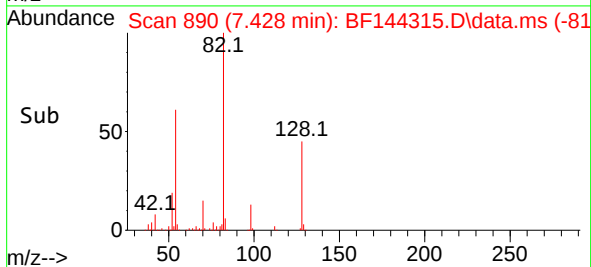
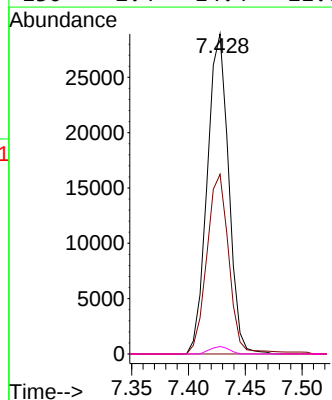
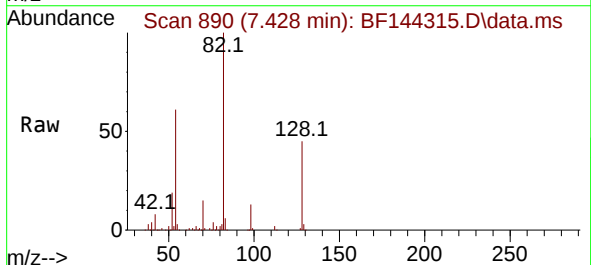
Instrument :
BNA_F
ClientSampleId :
PB170692BL

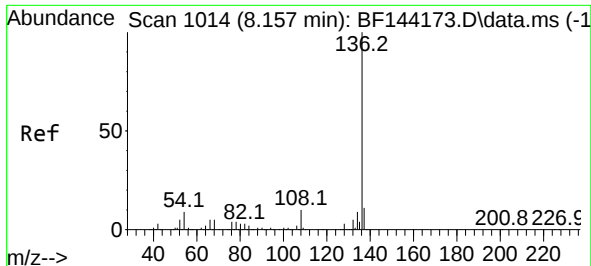
Tgt Ion: 99 Resp: 410886
Ion Ratio Lower Upper
99 100
42 24.8 20.9 31.3
71 37.9 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.306 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.153 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

Tgt Ion: 70 Resp: 37877
Ion Ratio Lower Upper
70 100
42 56.2 58.3 87.5#
101 0.0 7.0 10.6#
130 2.4 14.4 21.6#



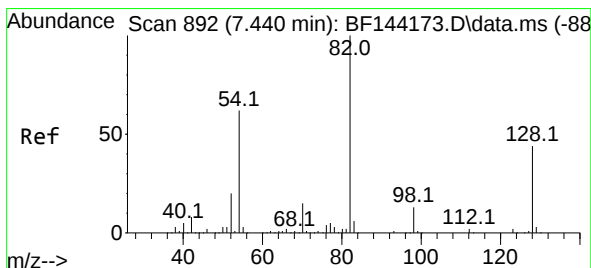
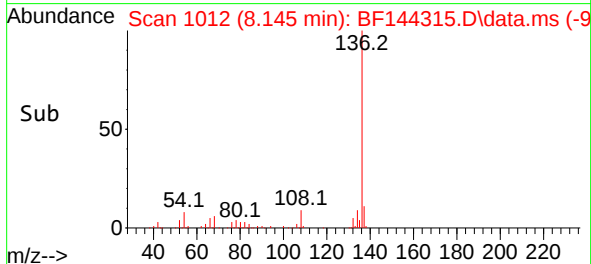
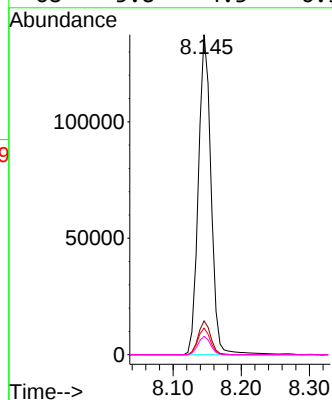
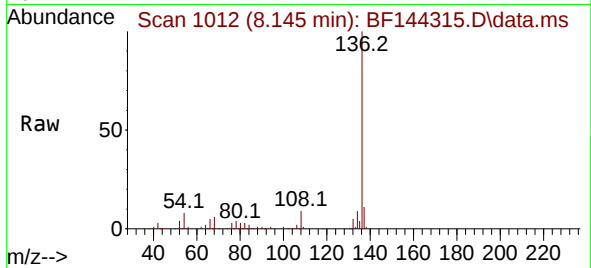


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

Instrument :
BNA_F
ClientSampleId :
PB170692BL

Tgt Ion:136 Resp: 177077

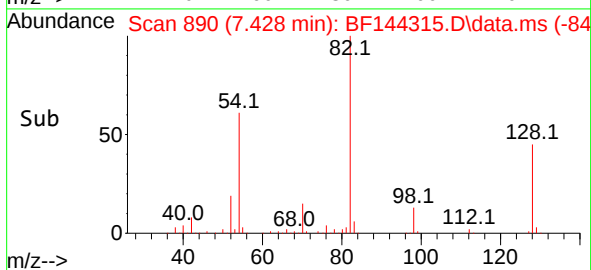
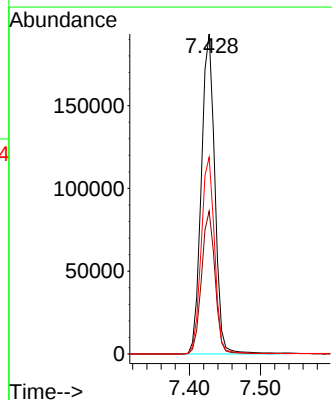
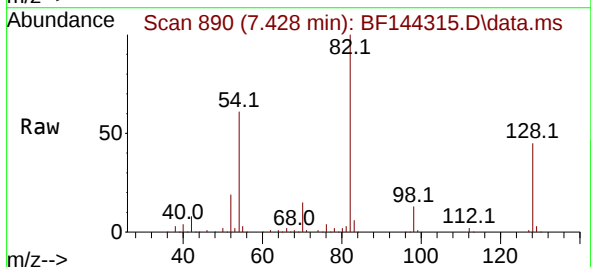
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.3	7.0	10.6
68	5.8	4.3	6.5

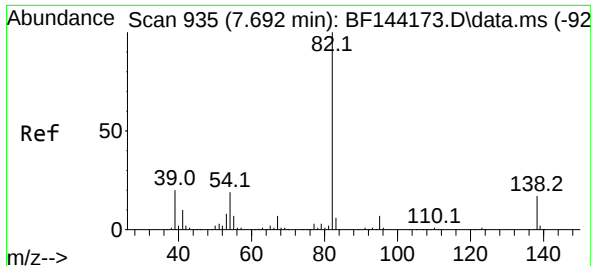


#23
Nitrobenzene-d5
Concen: 83.638 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

Tgt Ion: 82 Resp: 256435

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.7	52.1
54	61.5	49.5	74.3

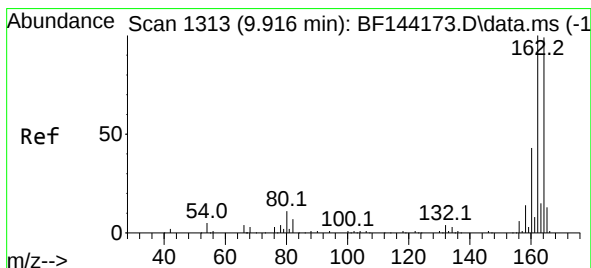
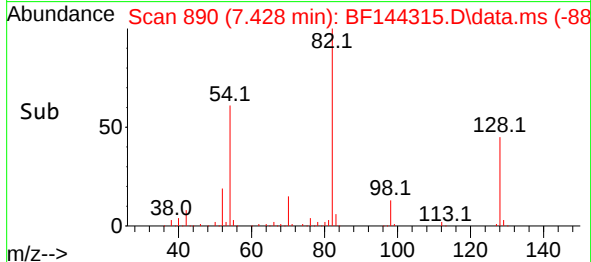
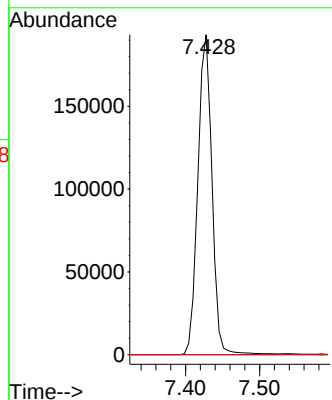
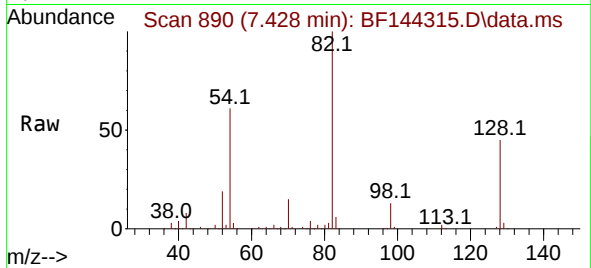




#25
Isophorone
Concen: 44.217 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

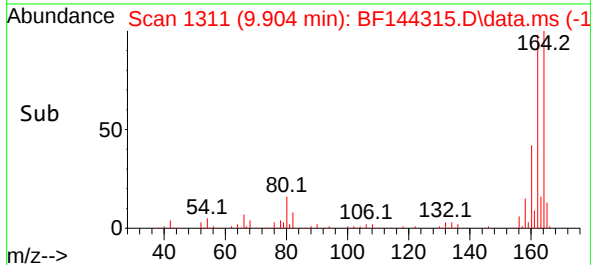
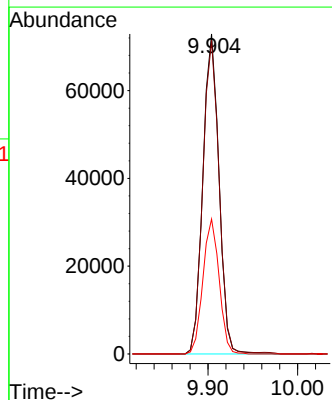
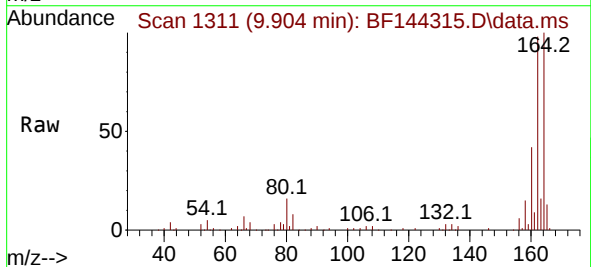
Instrument :
BNA_F
ClientSampleId :
PB170692BL

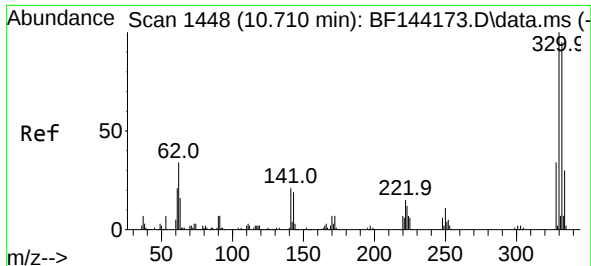
Tgt Ion: 82 Resp: 256432
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

Tgt Ion:164 Resp: 90665
Ion Ratio Lower Upper
164 100
162 98.0 81.1 121.7
160 42.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 115.999 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144315.D

Acq: 21 Nov 2025 18:49

Instrument :

BNA_F

ClientSampleId :

PB170692BL

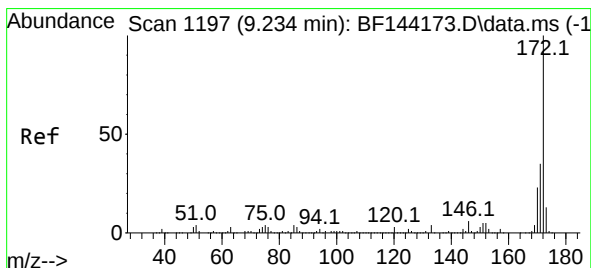
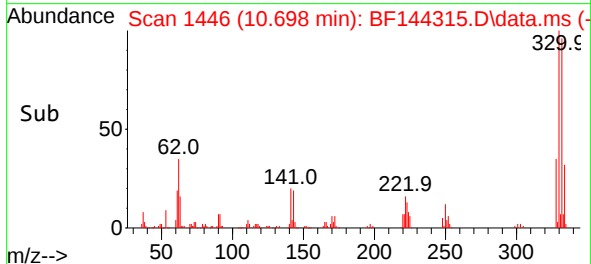
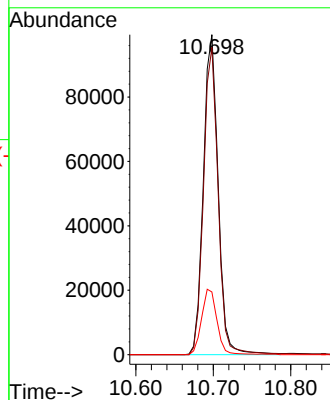
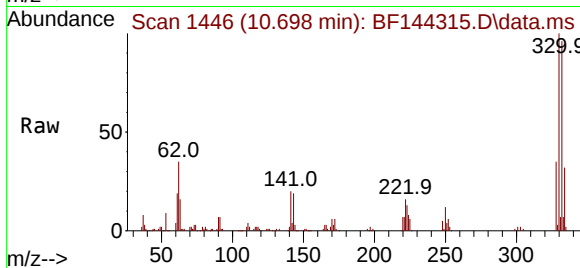
Tgt Ion:330 Resp: 131977

Ion Ratio Lower Upper

330 100

332 95.2 76.7 115.1

141 21.3 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 85.531 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144315.D

Acq: 21 Nov 2025 18:49

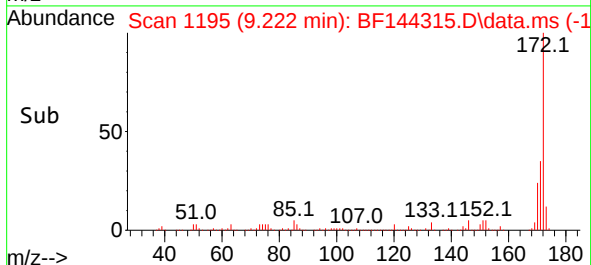
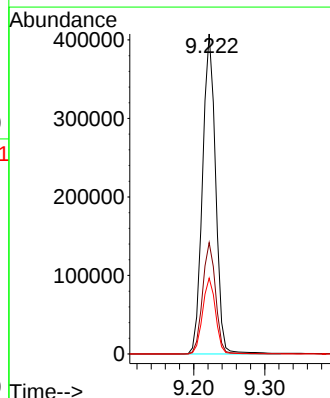
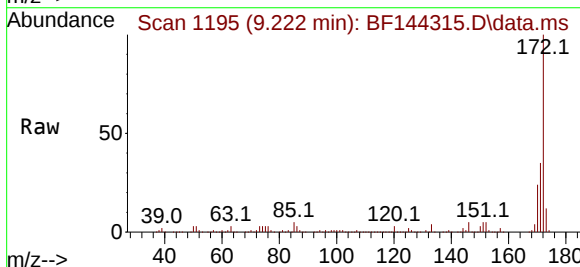
Tgt Ion:172 Resp: 525050

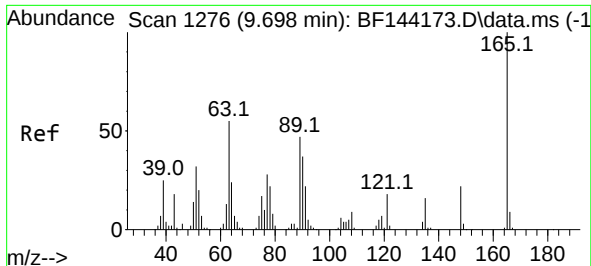
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.7 18.6 28.0

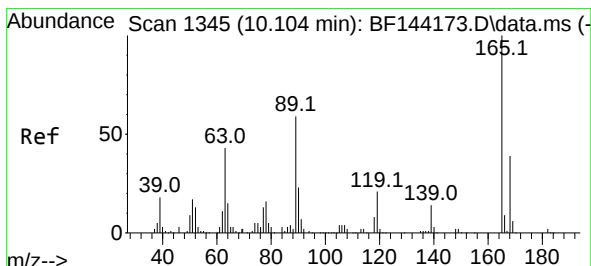
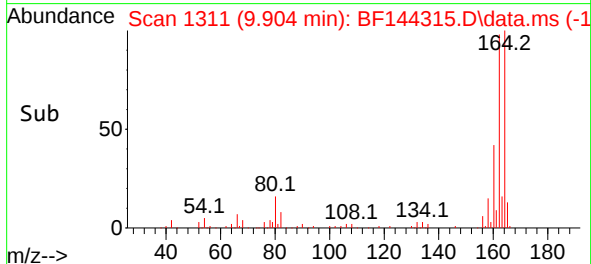
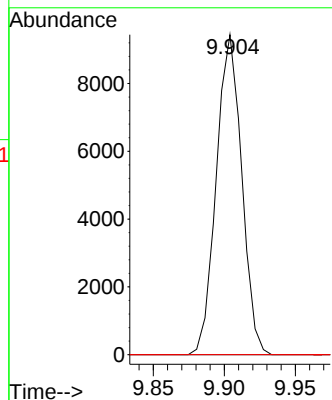
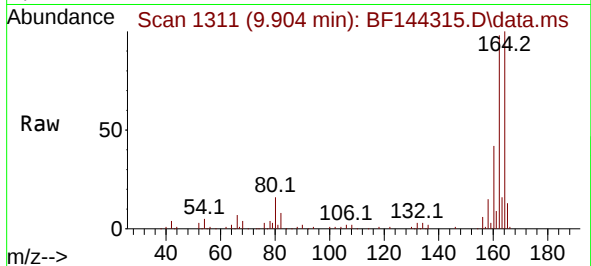




#51
2,6-Dinitrotoluene
Concen: 9.661 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

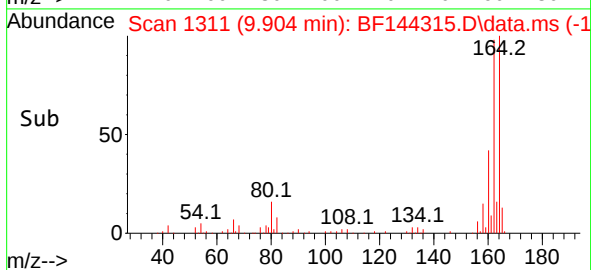
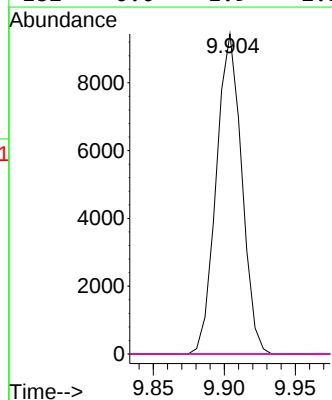
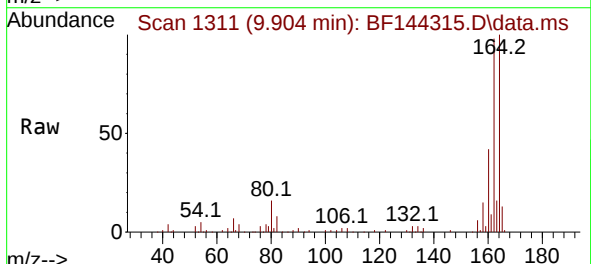
Instrument :
BNA_F
ClientSampleId :
PB170692BL

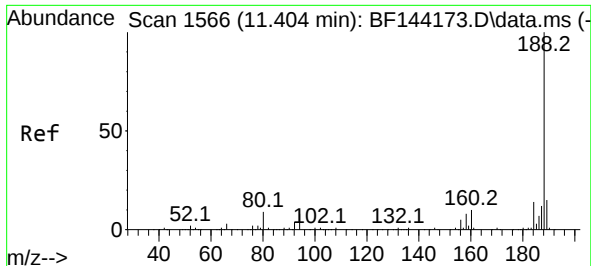
Tgt Ion:165 Resp: 11747
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 7.217 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.194 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

Tgt Ion:165 Resp: 11747
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 0.0 47.4 71.2#
182 0.0 1.9 2.9#

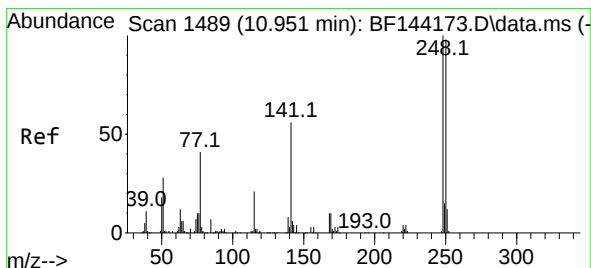
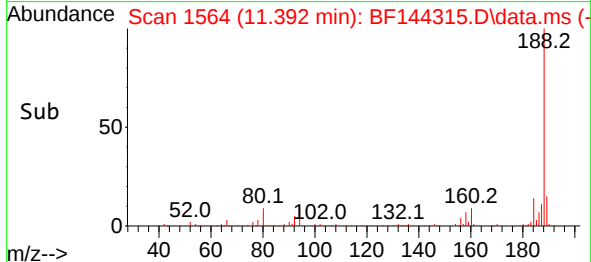
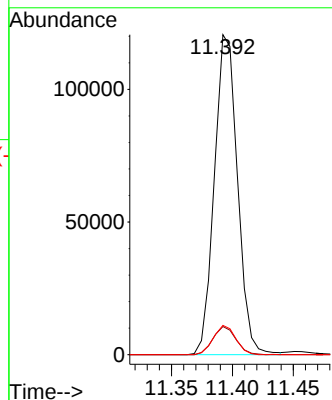
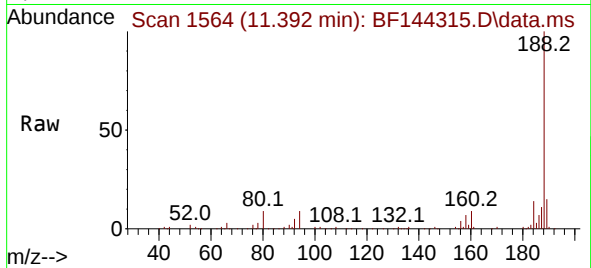




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

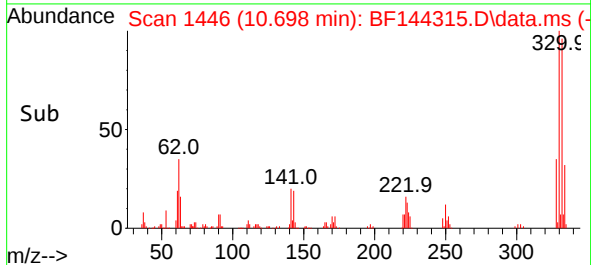
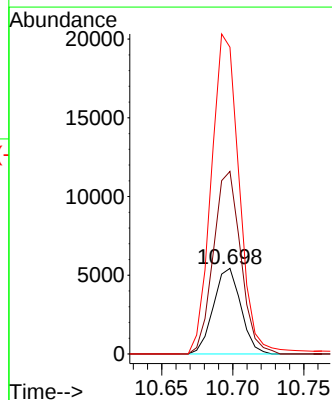
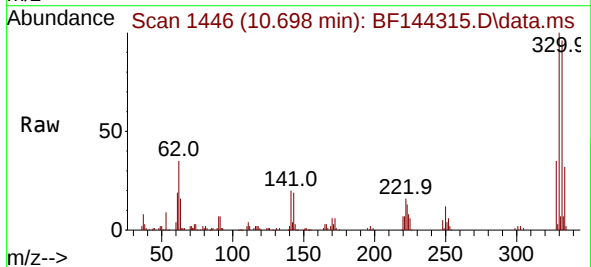
Instrument :
BNA_F
ClientSampleId :
PB170692BL

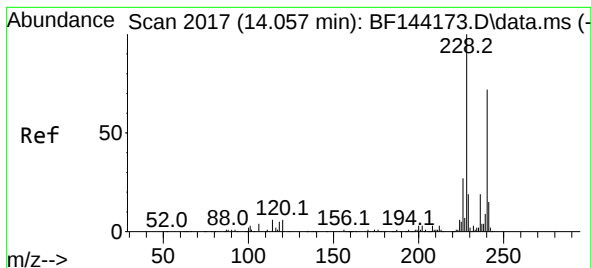
Tgt Ion:188 Resp: 159623
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 9.2 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.583 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

Tgt Ion:248 Resp: 7300
Ion Ratio Lower Upper
248 100
250 213.5 78.4 117.6#
141 358.5 45.1 67.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144315.D

Acq: 21 Nov 2025 18:49

Instrument :

BNA_F

ClientSampleId :

PB170692BL

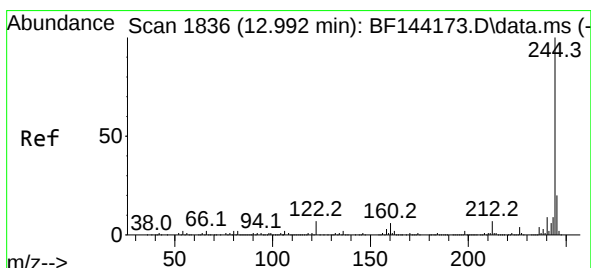
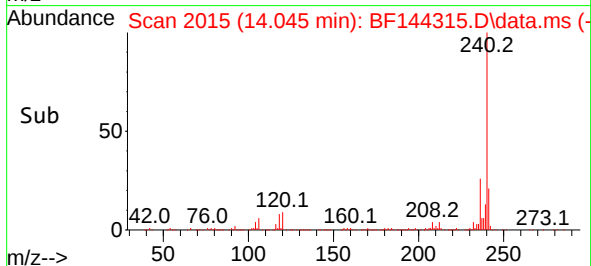
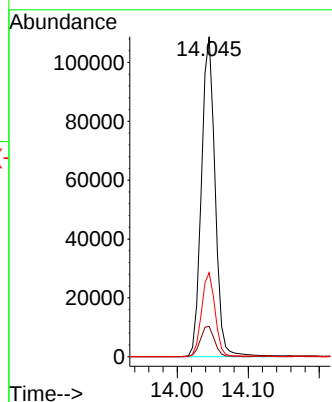
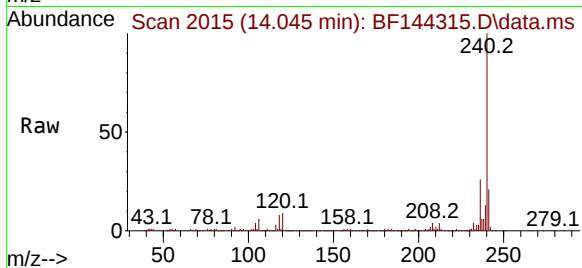
Tgt Ion:240 Resp: 146079

Ion Ratio Lower Upper

240 100

120 9.4 6.6 10.0

236 26.3 21.4 32.2



#79

Terphenyl-d14

Concen: 71.464 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144315.D

Acq: 21 Nov 2025 18:49

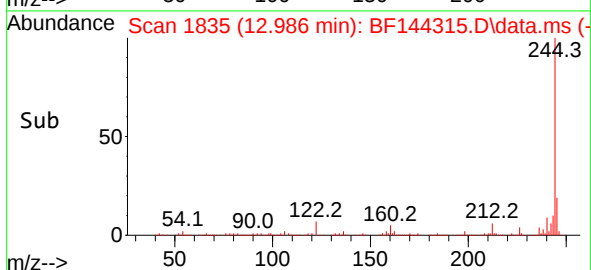
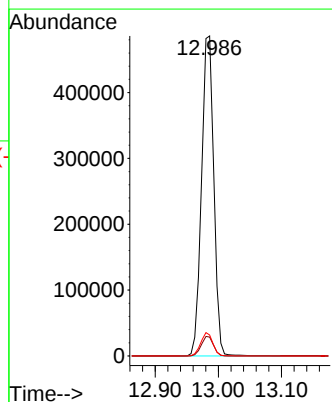
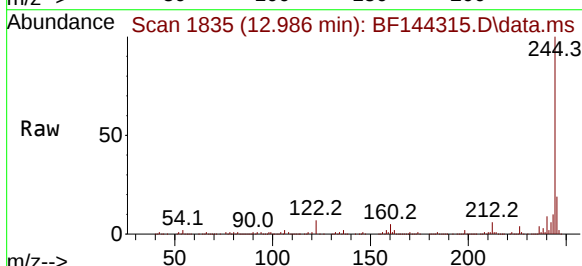
Tgt Ion:244 Resp: 657224

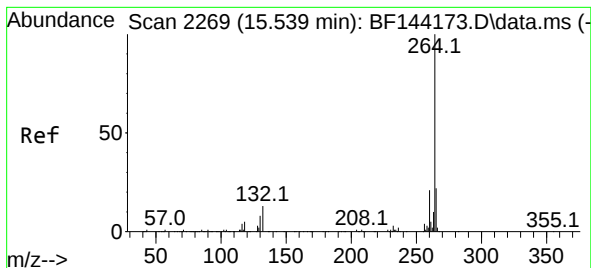
Ion Ratio Lower Upper

244 100

212 5.9 5.3 7.9

122 6.6 5.6 8.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144315.D

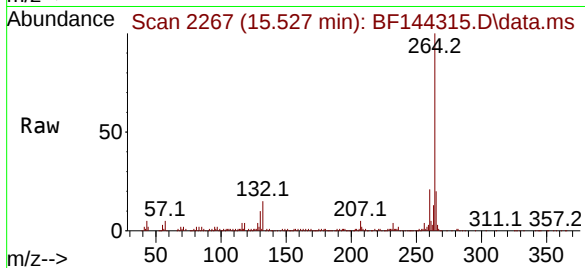
Acq: 21 Nov 2025 18:49

Instrument :

BNA_F

ClientSampleId :

PB170692BL



Tgt Ion:264 Resp: 111347

Ion Ratio Lower Upper

264 100

260 21.4 17.1 25.7

265 20.2 17.4 26.0

