

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141245.D
 Acq On : 23 Jan 2025 13:07
 Operator : RC/JU
 Sample : PB166185BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166185BL

Quant Time: Jan 23 13:52:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

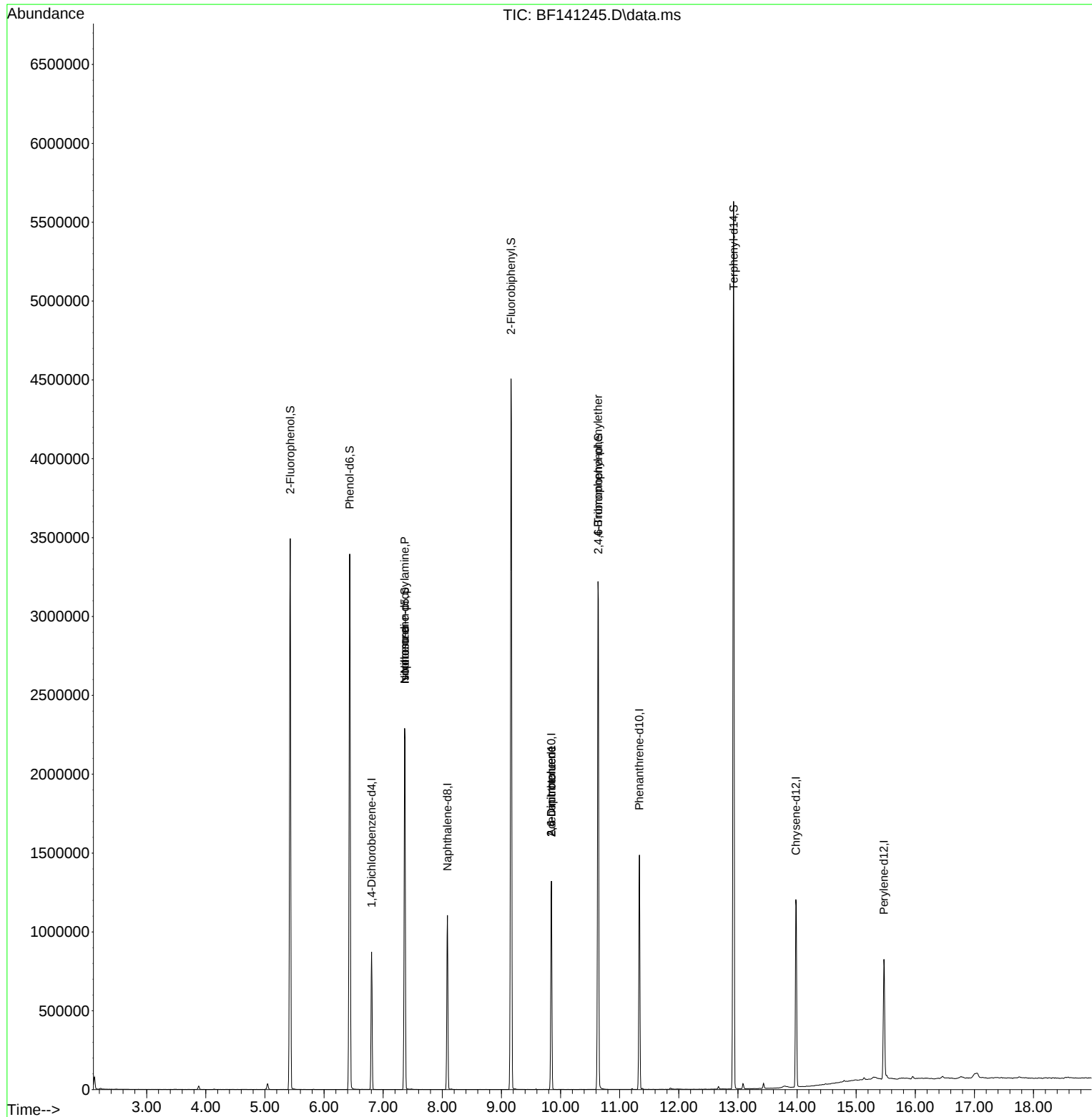
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	181393	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	727254	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	411849	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	745461	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	599132	20.000	ng	0.00
86) Perylene-d12	15.469	264	451972	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1422234	121.122	ng	0.00
7) Phenol-d6	6.434	99	1776196	119.417	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1143716	83.364	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	657490	140.108	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	2201307	81.620	ng	-0.02
79) Terphenyl-d14	12.927	244	2972411	73.738	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	151848	17.331	ng	# 76
25) Isophorone	7.363	82	1138029	48.538	ng	# 65
51) 2,6-Dinitrotoluene	9.845	165	52694	8.195	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	52694	6.359	ng	# 24
67) 4-Bromophenyl-phenylether	10.634	248	39255	4.574	ng	# 1

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

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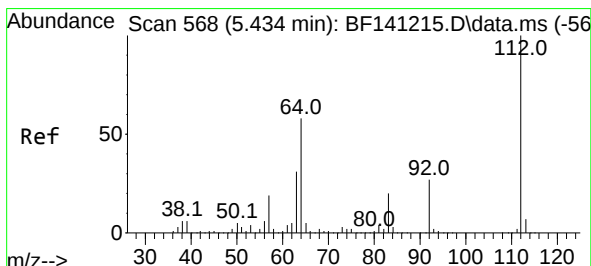
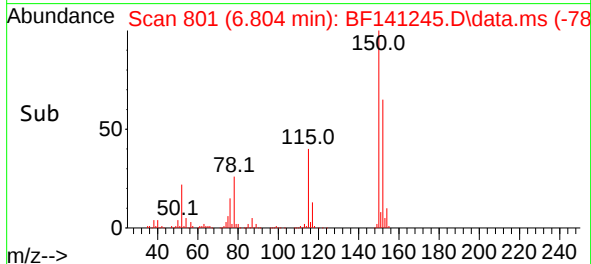
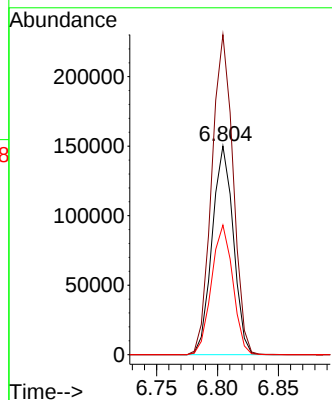
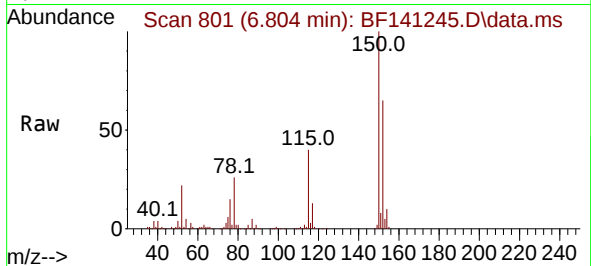




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

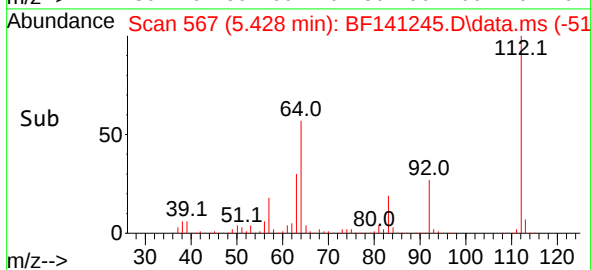
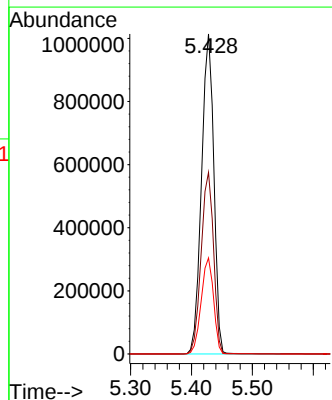
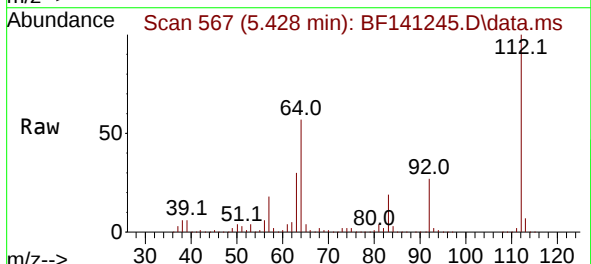
Instrument :
BNA_F
ClientSampleId :
PB166185BL

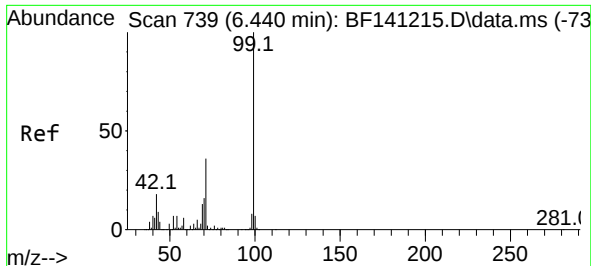
Tgt Ion:152 Resp: 181393
Ion Ratio Lower Upper
152 100
150 153.4 125.8 188.8
115 62.1 51.4 77.2



#5
2-Fluorophenol
Concen: 121.122 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Tgt Ion:112 Resp: 1422234
Ion Ratio Lower Upper
112 100
64 56.8 47.3 70.9
63 30.0 24.2 36.2





#7
Phenol-d6
Concen: 119.417 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Instrument :

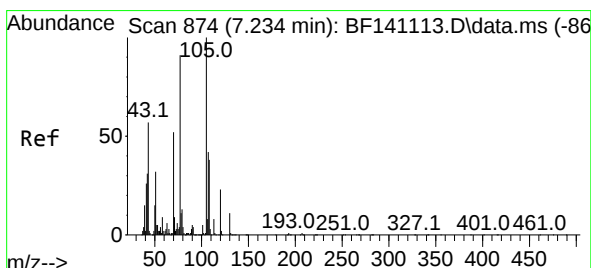
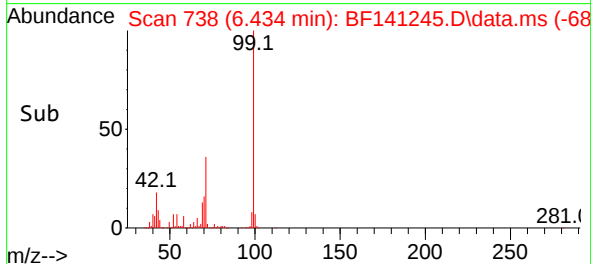
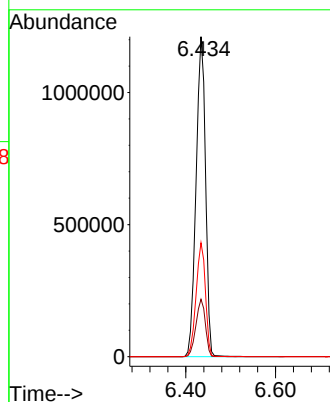
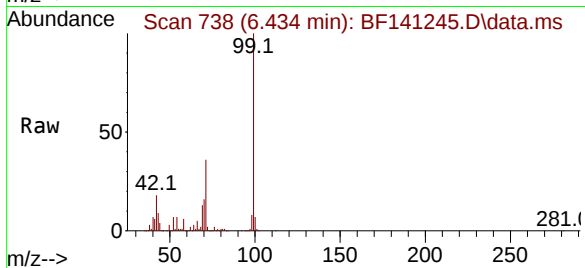
BNA_F

ClientSampleId :

PB166185BL

Tgt Ion: 99 Resp: 1776196

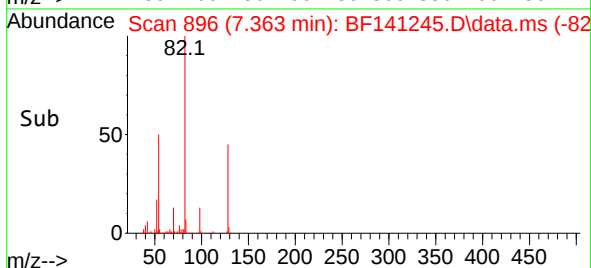
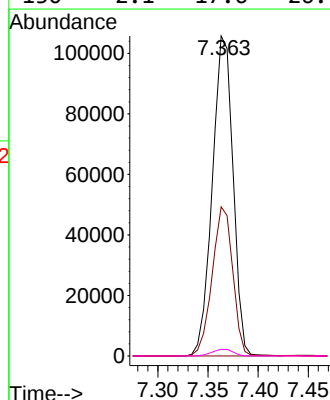
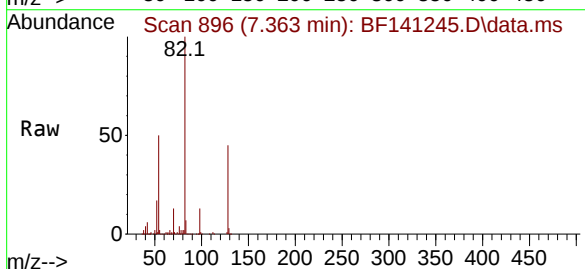
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	35.6	27.6	41.4

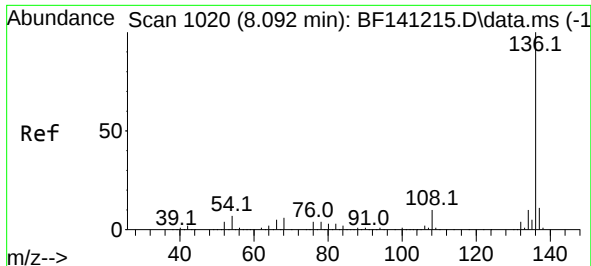


#19
n-Nitroso-di-n-propylamine
Concen: 17.331 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.130 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Tgt Ion: 70 Resp: 151848

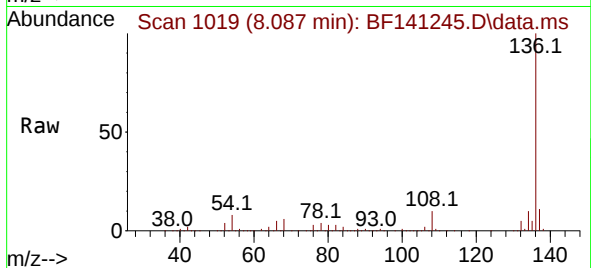
Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.8	71.6#
101	0.0	7.9	11.9#
130	2.1	17.6	26.4#





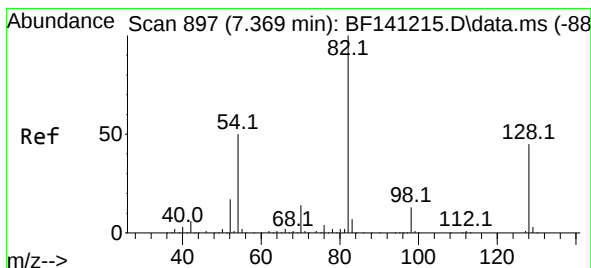
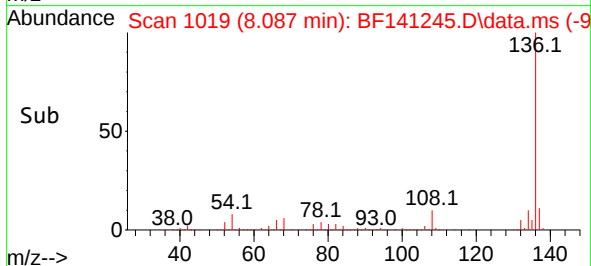
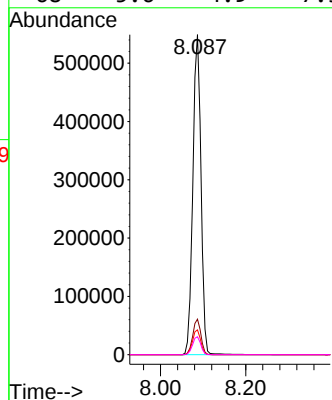
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB166185BL



Tgt Ion:136 Resp: 727254

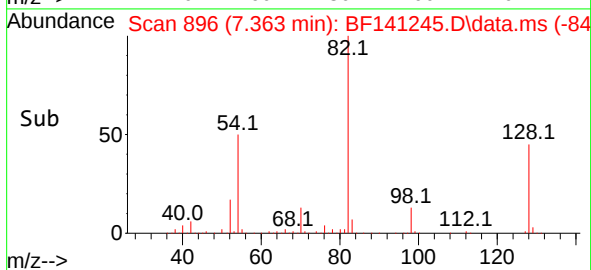
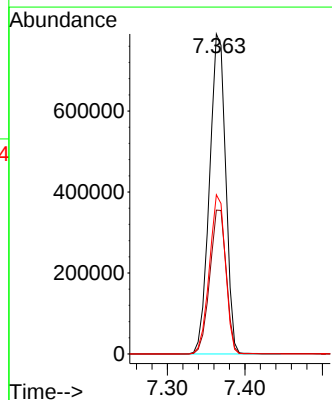
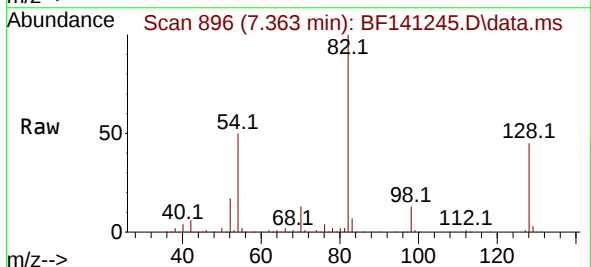
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	6.3	9.5
68	5.6	4.9	7.3

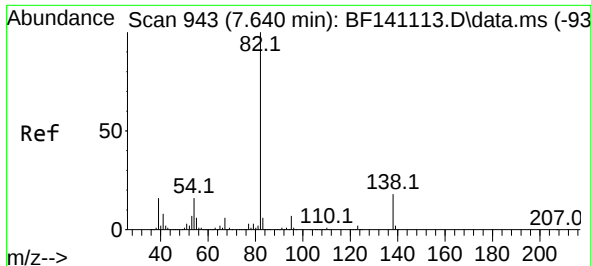


#23
Nitrobenzene-d5
Concen: 83.364 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.023 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Tgt Ion: 82 Resp: 1143716

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	49.7	41.0	61.4

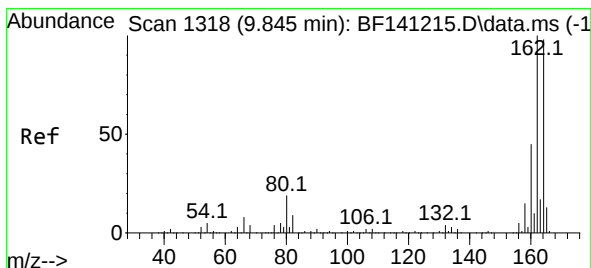
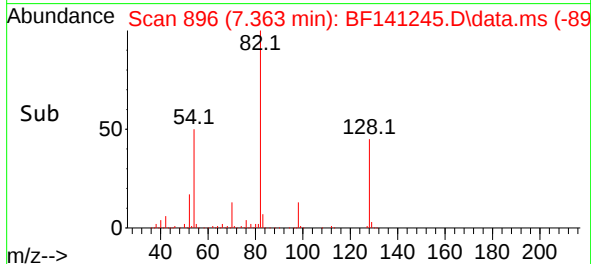
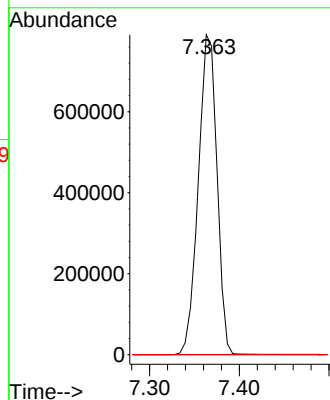
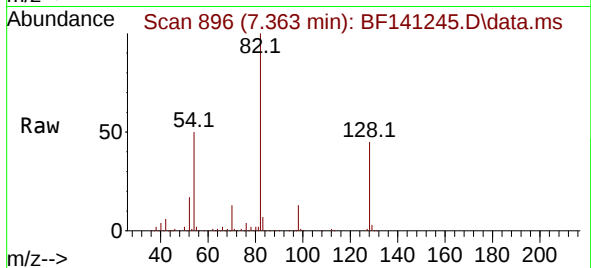




#25
Isophorone
Concen: 48.538 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.276 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

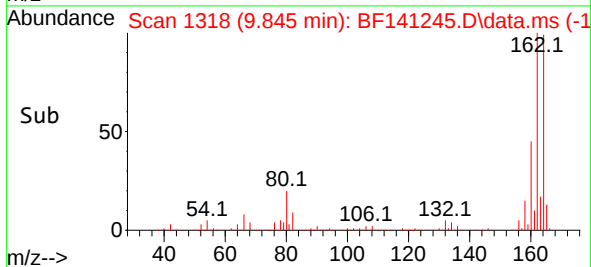
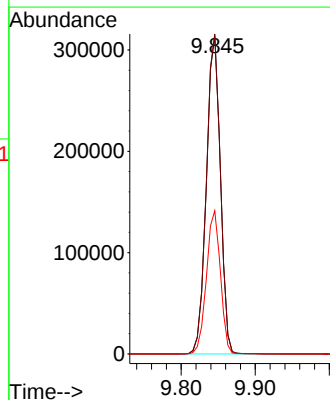
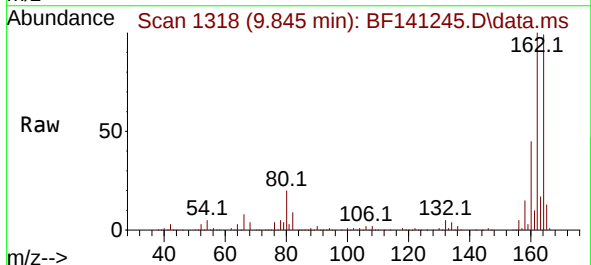
Instrument :
BNA_F
ClientSampleId :
PB166185BL

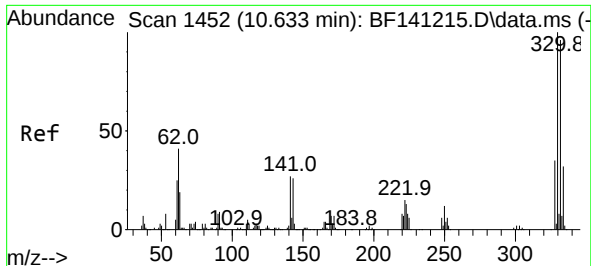
Tgt Ion: 82 Resp: 1138029
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Tgt Ion:164 Resp: 411849
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 45.0 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 140.108 ng

RT: 10.639 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF141245.D

Acq: 23 Jan 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB166185BL

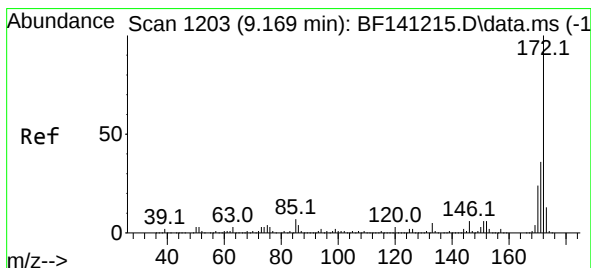
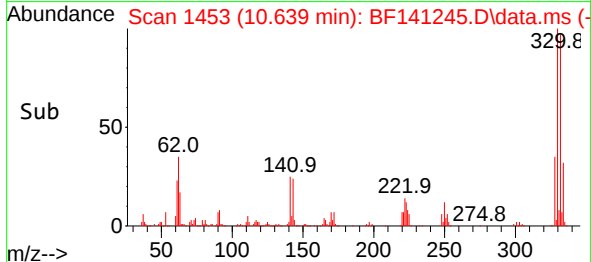
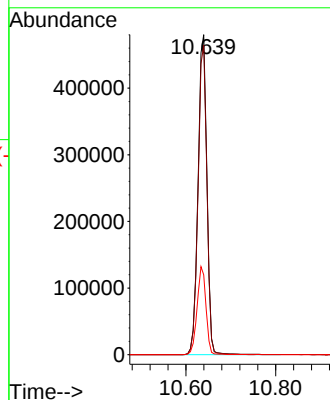
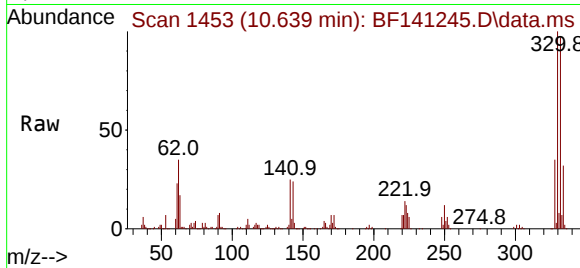
Tgt Ion:330 Resp: 657490

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 27.5 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 81.620 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.018 min

Lab File: BF141245.D

Acq: 23 Jan 2025 13:07

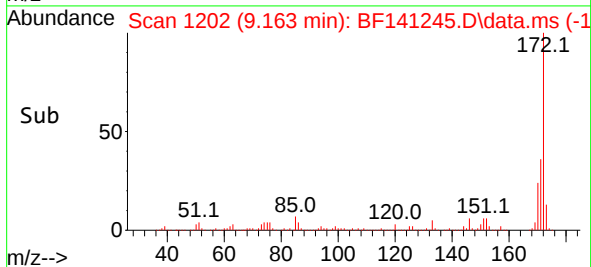
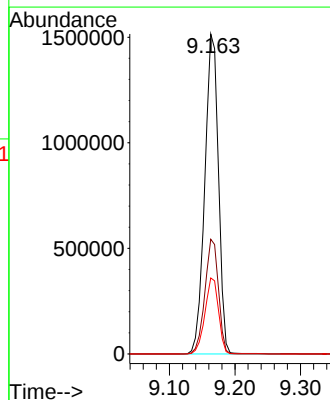
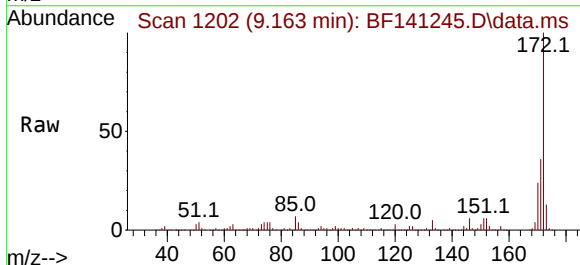
Tgt Ion:172 Resp: 2201307

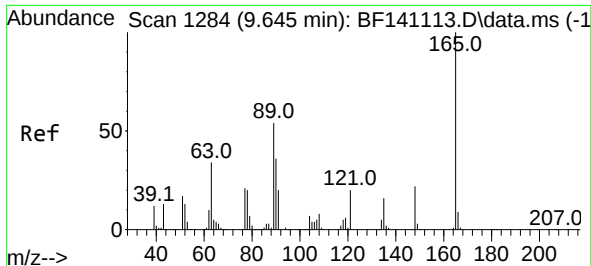
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.8 19.0 28.6

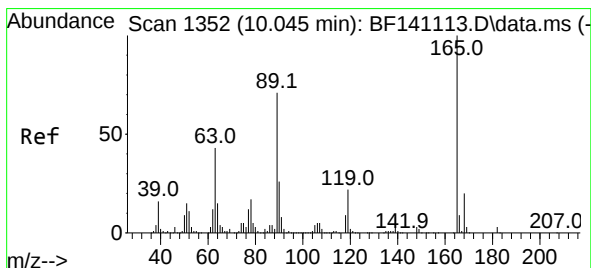
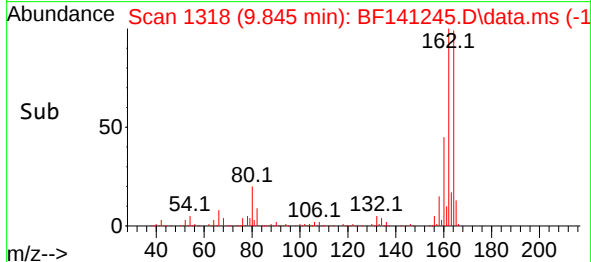
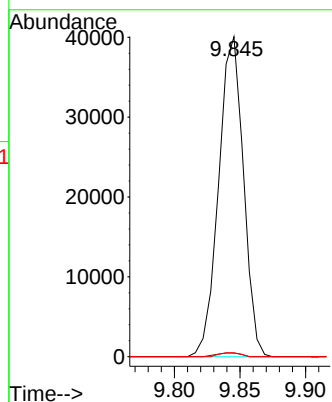
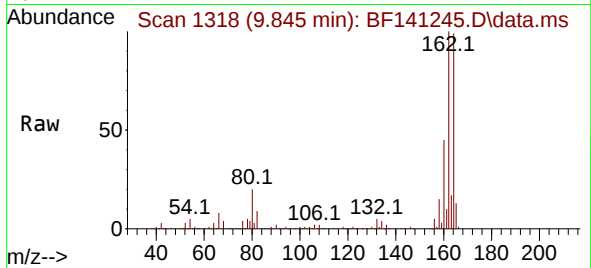




#51
2,6-Dinitrotoluene
Concen: 8.195 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

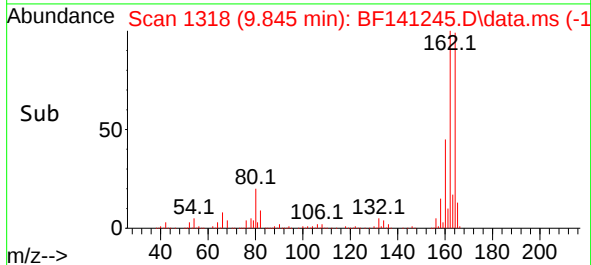
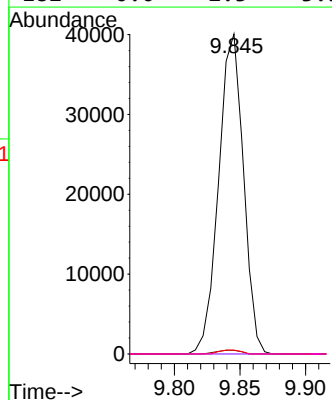
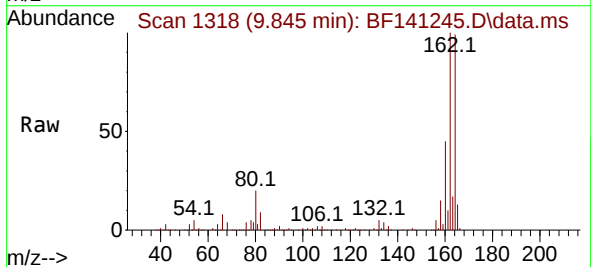
Instrument :
BNA_F
ClientSampleId :
PB166185BL

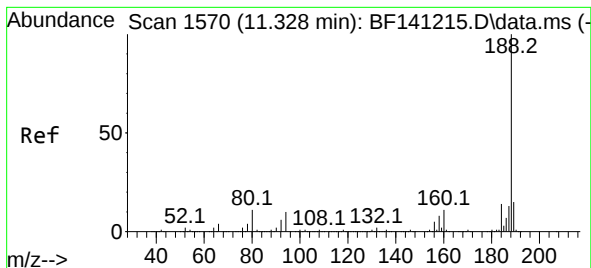
Tgt Ion:165 Resp: 52694
Ion Ratio Lower Upper
165 100
63 1.1 42.3 63.5#
89 1.2 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.359 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Tgt Ion:165 Resp: 52694
Ion Ratio Lower Upper
165 100
63 1.1 35.0 52.4#
89 1.2 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141245.D

Acq: 23 Jan 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB166185BL

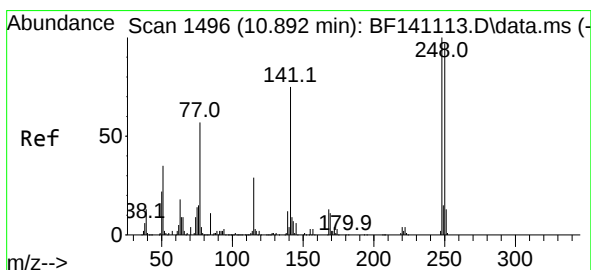
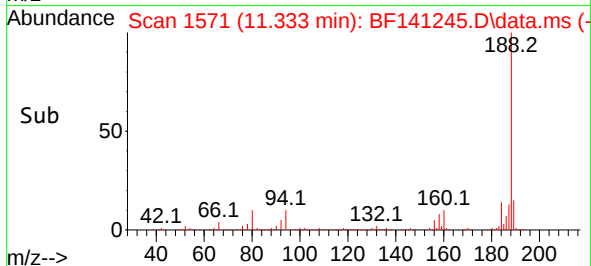
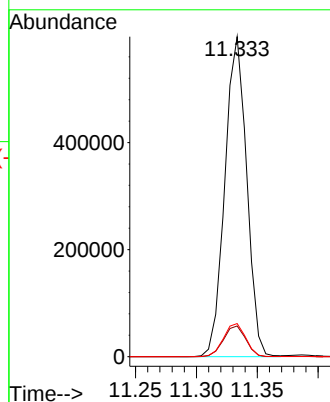
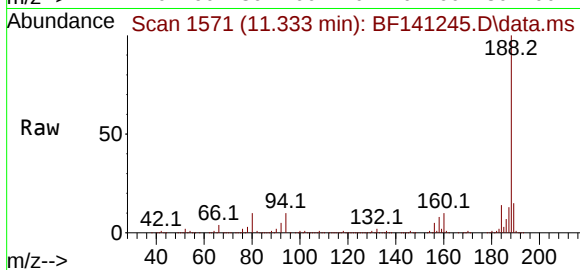
Tgt Ion:188 Resp: 745461

Ion Ratio Lower Upper

188 100

94 9.6 8.3 12.5

80 10.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.574 ng

RT: 10.634 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141245.D

Acq: 23 Jan 2025 13:07

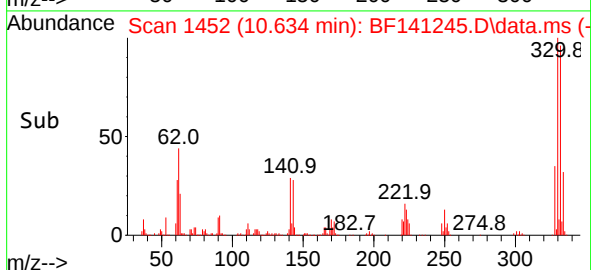
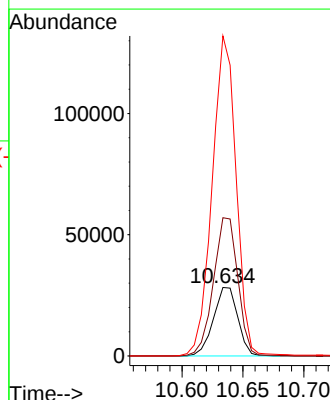
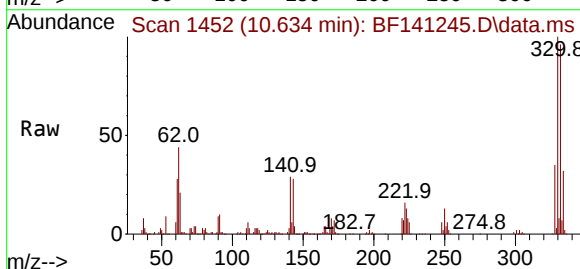
Tgt Ion:248 Resp: 39255

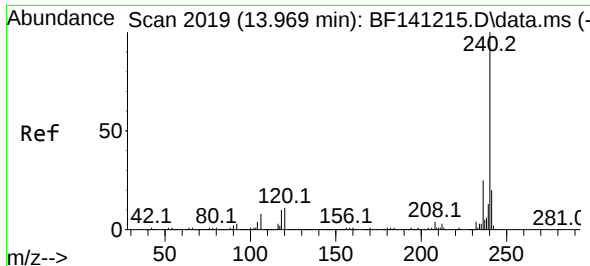
Ion Ratio Lower Upper

248 100

250 202.2 77.9 116.9#

141 467.7 59.9 89.9#

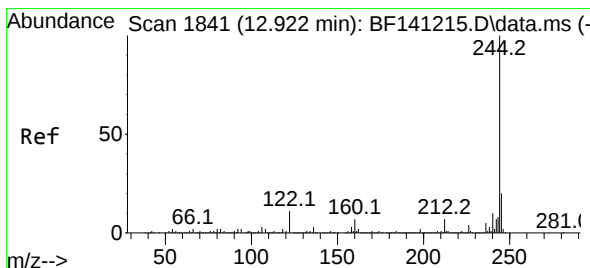
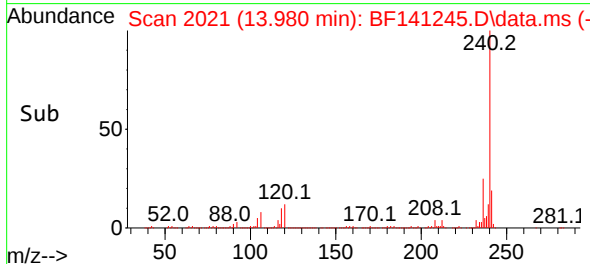
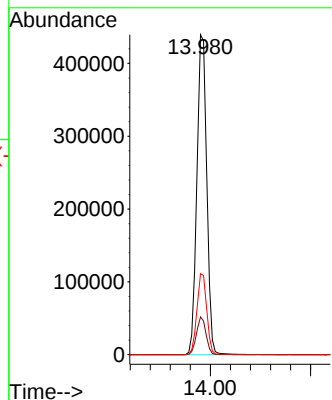
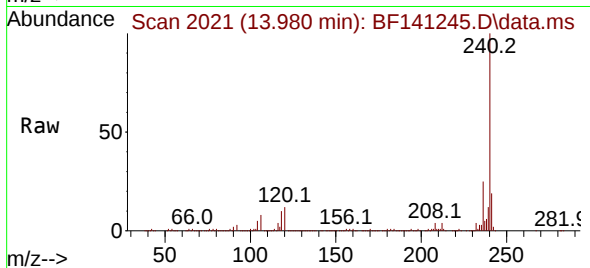




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

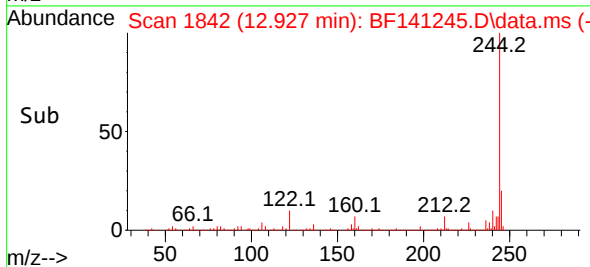
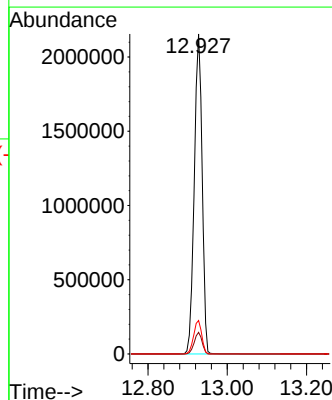
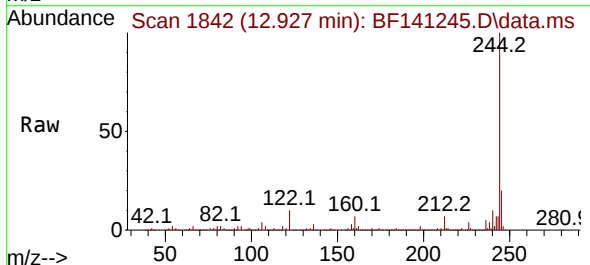
Instrument :
BNA_F
ClientSampleId :
PB166185BL

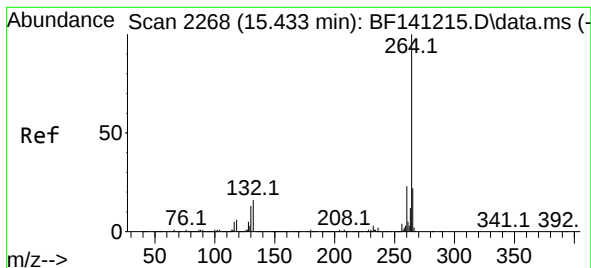
Tgt Ion:240 Resp: 599132
Ion Ratio Lower Upper
240 100
120 11.8 9.1 13.7
236 25.3 19.8 29.6



#79
Terphenyl-d14
Concen: 73.738 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Tgt Ion:244 Resp: 2972411
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.5 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.469 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF141245.D

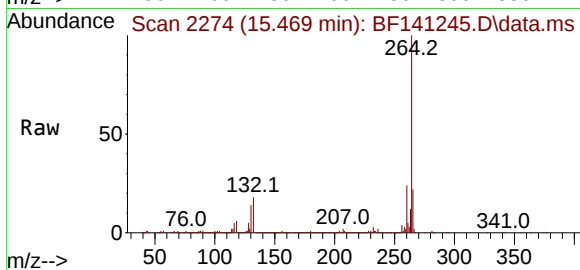
Acq: 23 Jan 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB166185BL



Tgt Ion:264 Resp: 451972

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.7 17.4 26.0

