

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141146.D
 Acq On : 14 Jan 2025 15:29
 Operator : RC/JU
 Sample : PB166035BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166045BL

Quant Time: Jan 14 18:27:58 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)

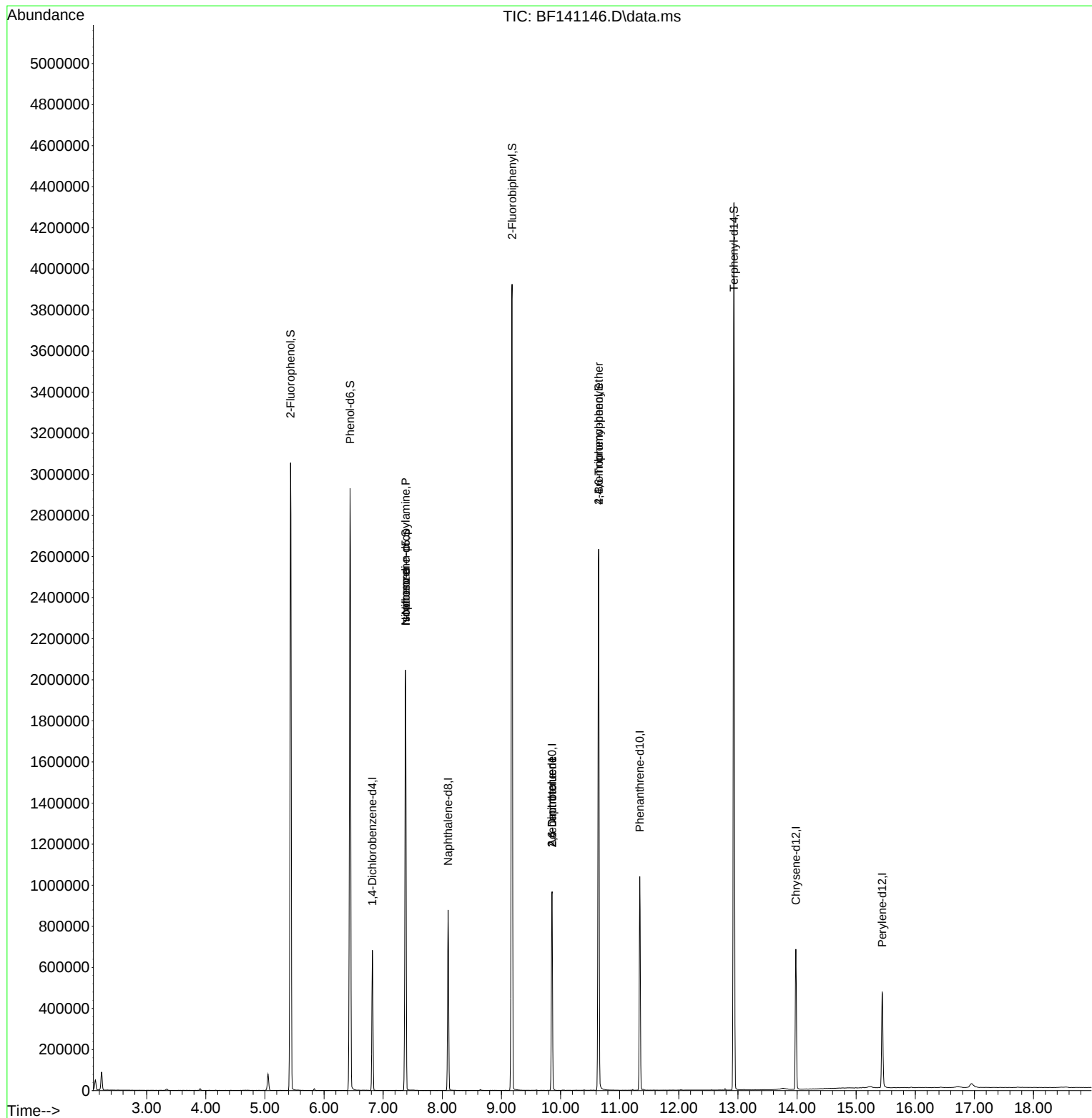
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	140953	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	564877	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	301578	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	516303	20.000	ng	0.00
76) Chrysene-d12	13.980	240	331329	20.000	ng	0.00
86) Perylene-d12	15.439	264	288367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1248452	136.827	ng	0.00
7) Phenol-d6	6.440	99	1549890	134.098	ng	0.00
23) Nitrobenzene-d5	7.381	82	1011655	94.934	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	505332	147.058	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1875464	94.964	ng	0.00
79) Terphenyl-d14	12.933	244	2187812	98.143	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	136594	20.063	ng	# 76
25) Isophorone	7.381	82	1006859	55.288	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	38941	8.271	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	38941	6.418	ng	# 24
67) 4-Bromophenyl-phenylether	10.645	248	30163	5.074	ng	# 1

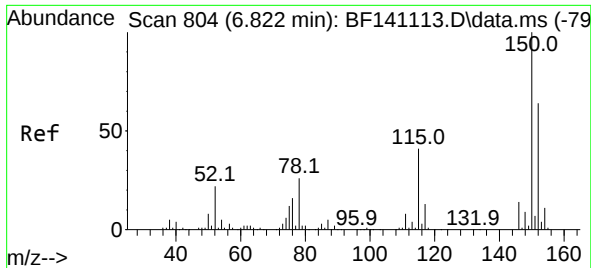
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
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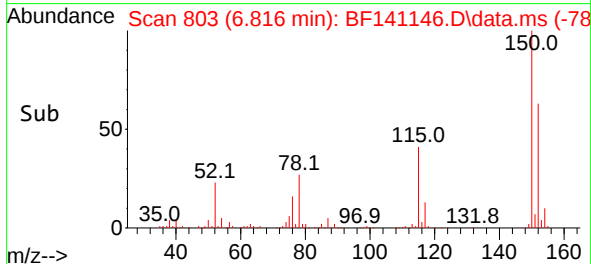
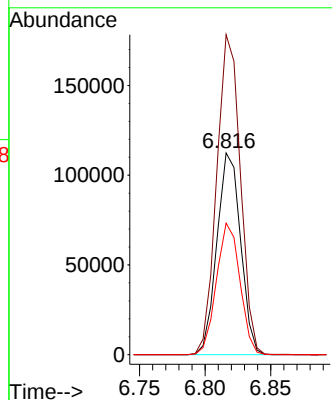
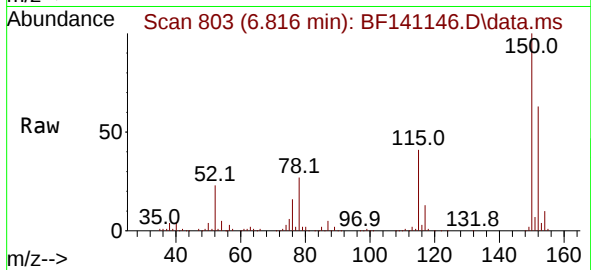




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

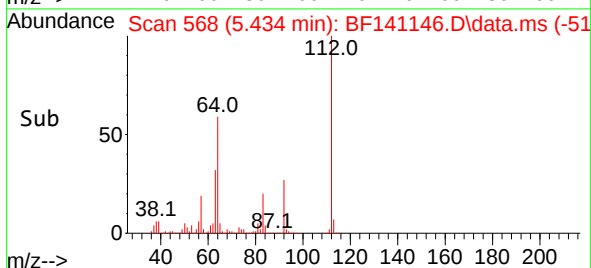
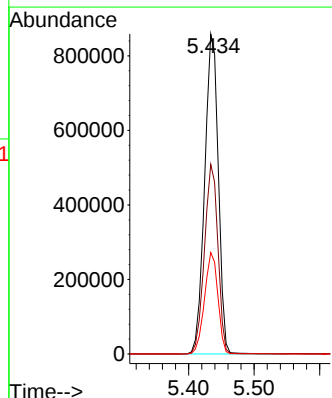
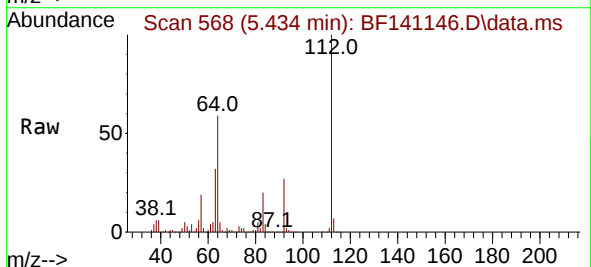
Instrument :
BNA_F
ClientSampleId :
PB166045BL

Tgt Ion:152 Resp: 140953
Ion Ratio Lower Upper
152 100
150 158.5 125.8 188.8
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 136.827 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

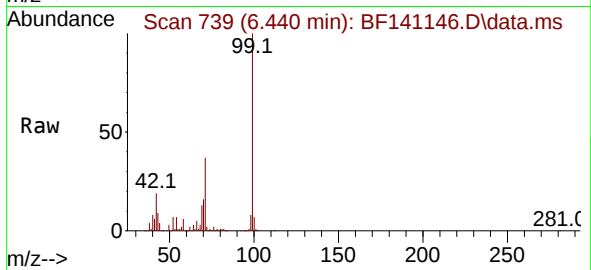
Tgt Ion:112 Resp: 1248452
Ion Ratio Lower Upper
112 100
64 59.2 47.3 70.9
63 31.7 24.2 36.2





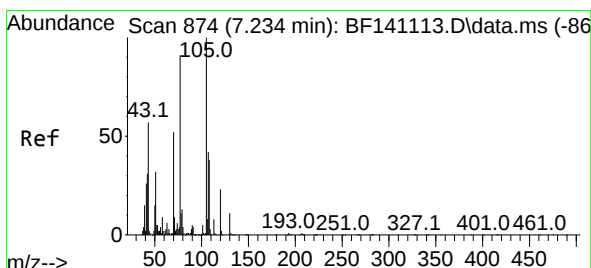
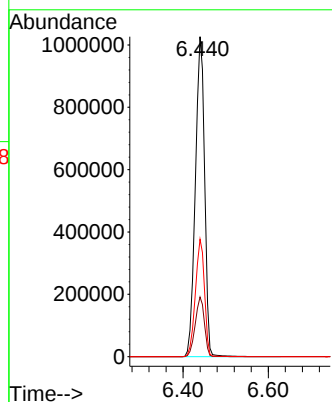
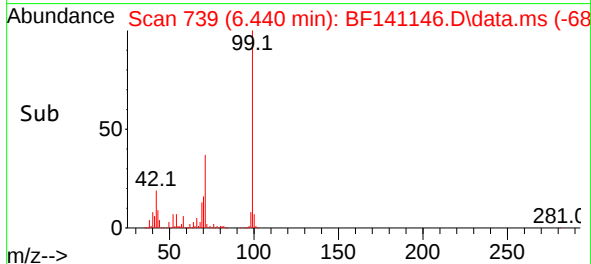
#7
Phenol-d6
Concen: 134.098 ng
RT: 6.440 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

Instrument :
BNA_F
ClientSampleId :
PB166045BL

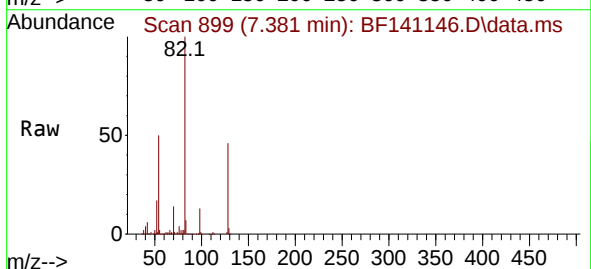


Tgt Ion: 99 Resp: 1549890

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	36.7	27.6	41.4

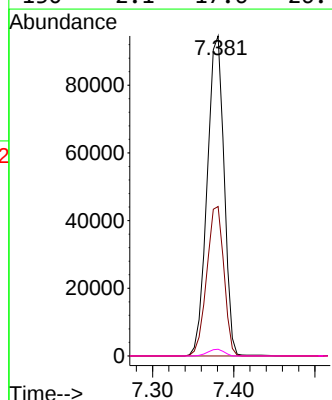
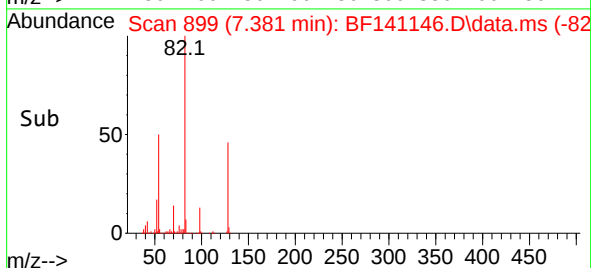


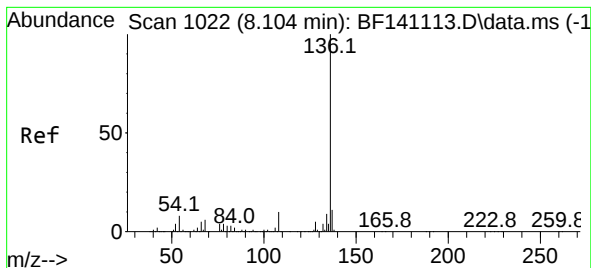
#19
n-Nitroso-di-n-propylamine
Concen: 20.063 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29



Tgt Ion: 70 Resp: 136594

Ion	Ratio	Lower	Upper
70	100		
42	46.7	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: 8.098 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

PB166045BL

Tgt Ion:136 Resp: 564877

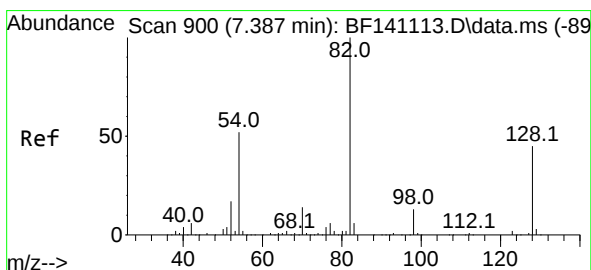
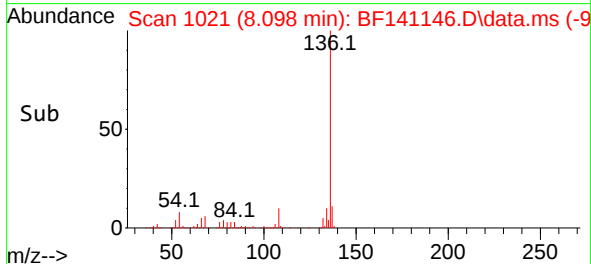
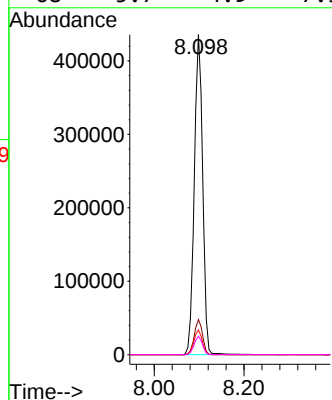
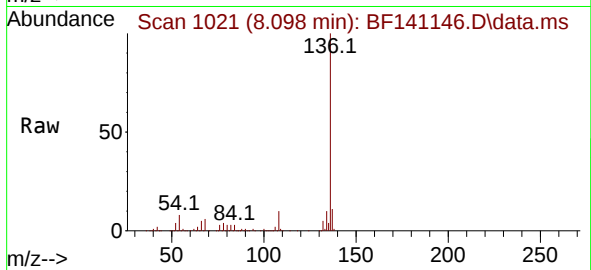
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 6.3 9.5

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 94.934 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

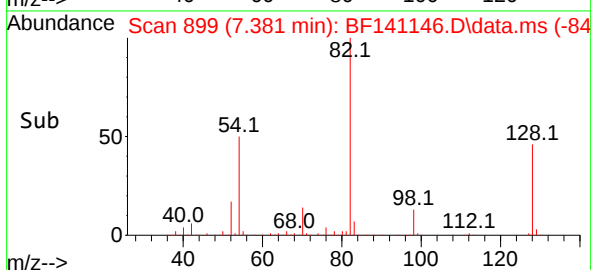
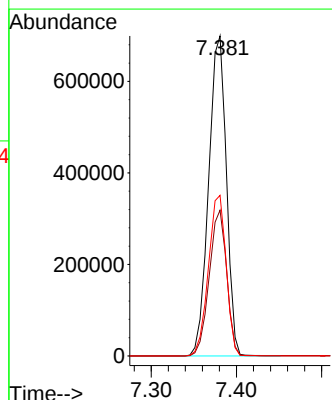
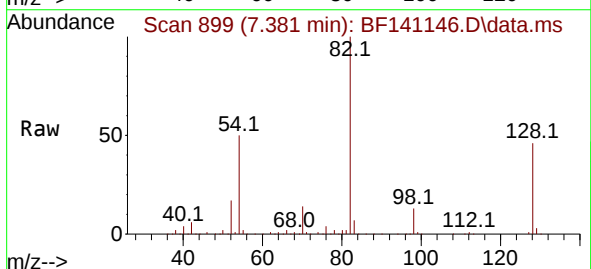
Tgt Ion: 82 Resp: 1011655

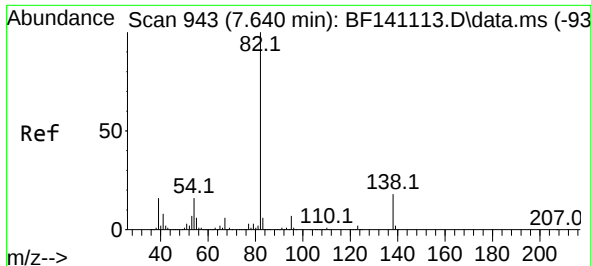
Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

54 50.2 41.0 61.4

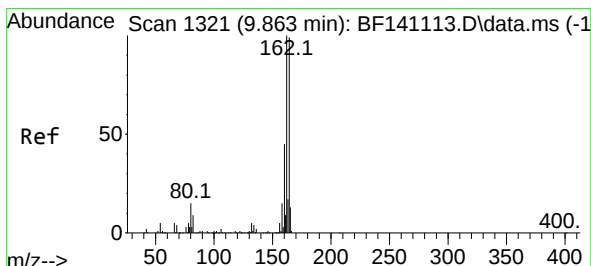
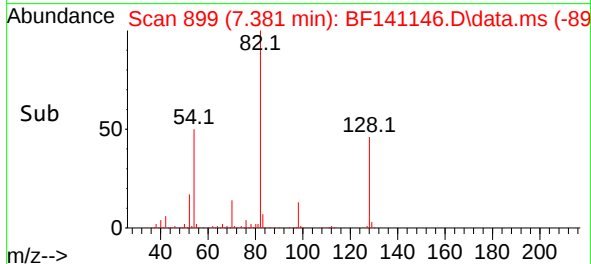
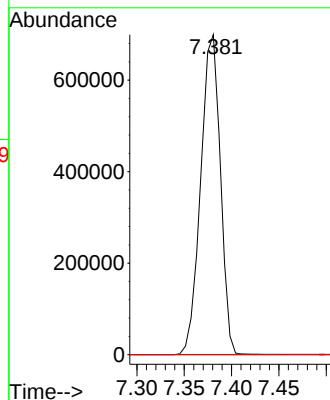
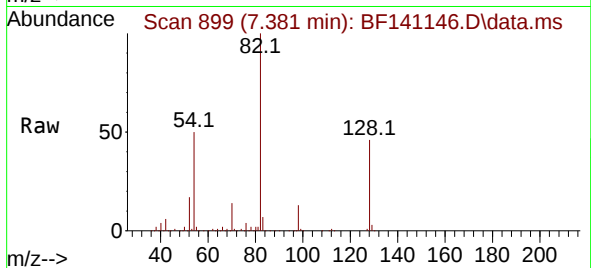




#25
Isophorone
Concen: 55.288 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

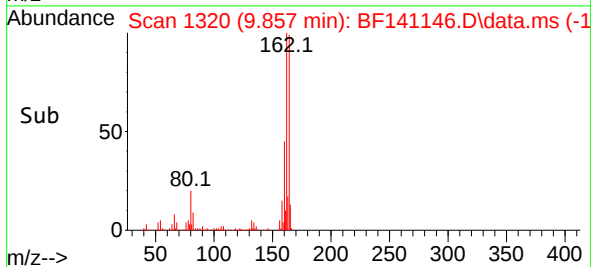
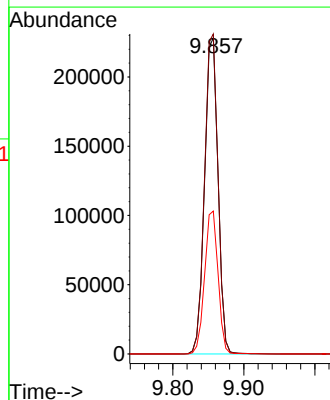
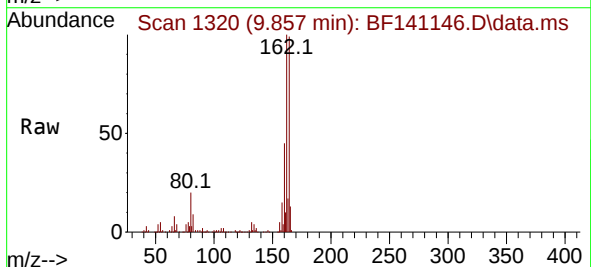
Instrument :
BNA_F
ClientSampleId :
PB166045BL

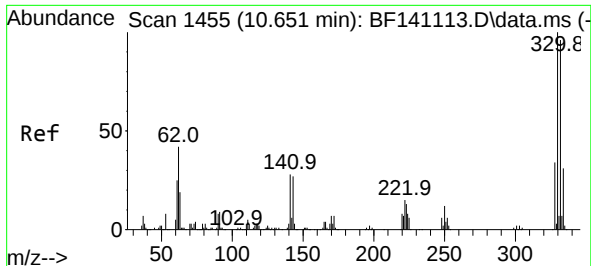
Tgt Ion: 82 Resp: 1006859
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

Tgt Ion:164 Resp: 301578
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 45.2 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 147.058 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

PB166045BL

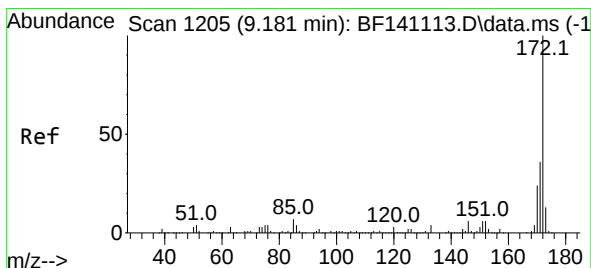
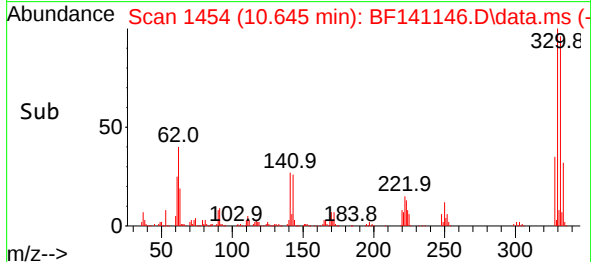
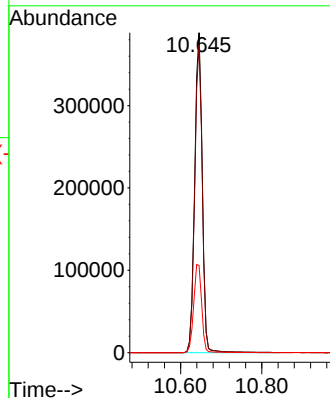
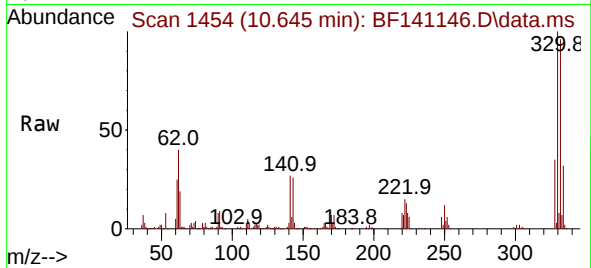
Tgt Ion:330 Resp: 505332

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 29.1 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 94.964 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

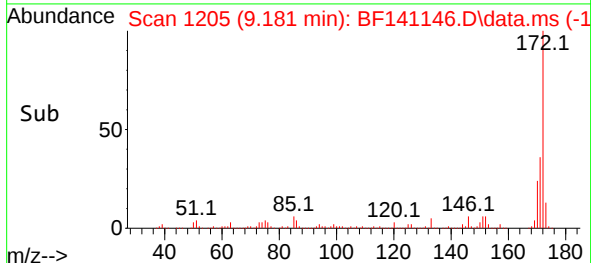
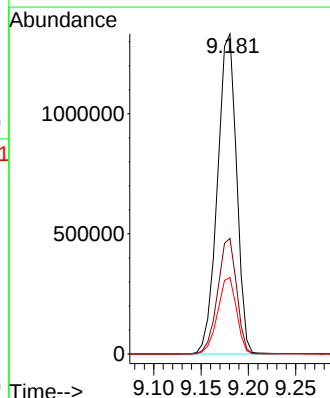
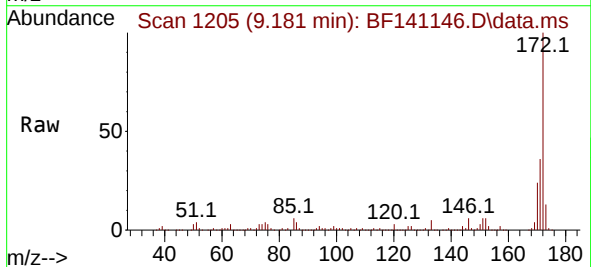
Tgt Ion:172 Resp: 1875464

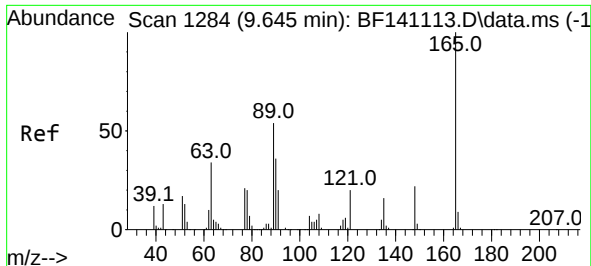
Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 23.9 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.271 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

PB166045BL

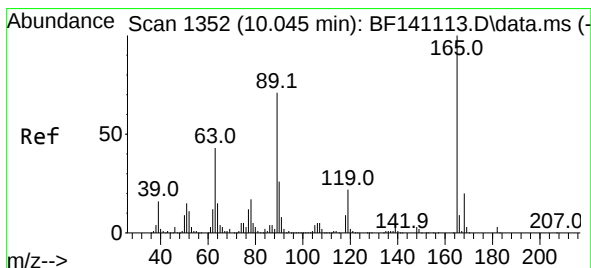
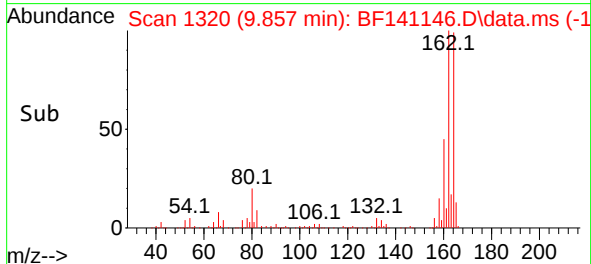
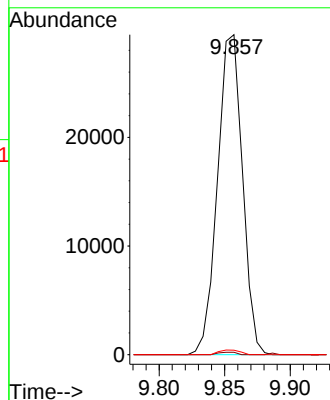
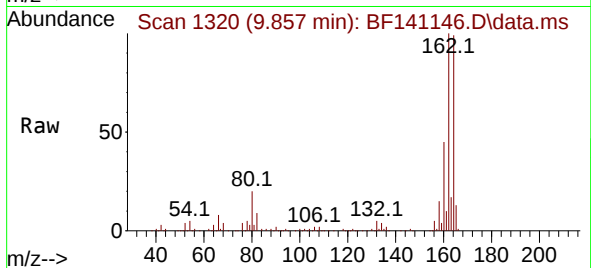
Tgt Ion:165 Resp: 38941

Ion Ratio Lower Upper

165 100

63 0.8 42.3 63.5#

89 1.4 43.1 64.7#



#57

2,4-Dinitrotoluene

Concen: 6.418 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

Tgt Ion:165 Resp: 38941

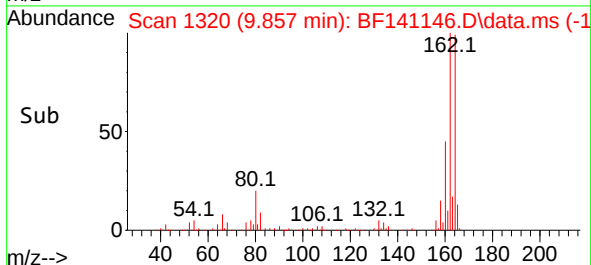
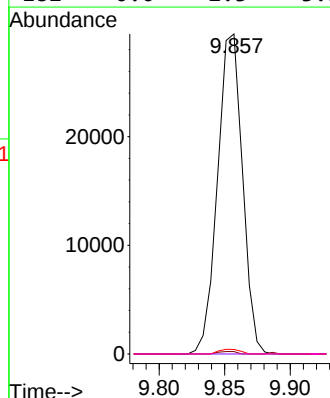
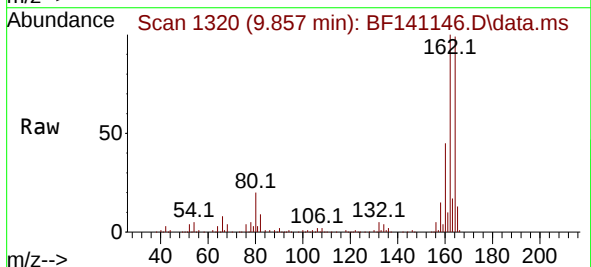
Ion Ratio Lower Upper

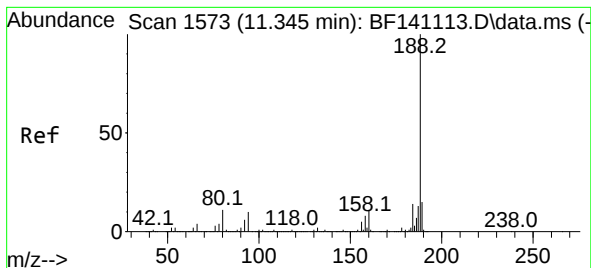
165 100

63 0.8 35.0 52.4#

89 1.4 56.7 85.1#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141146.D

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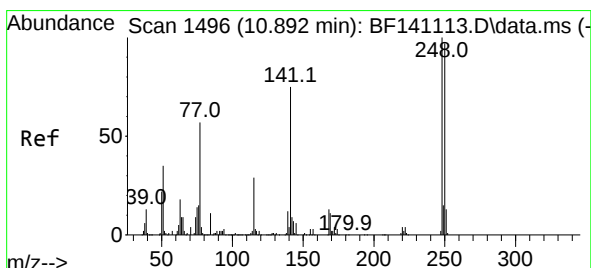
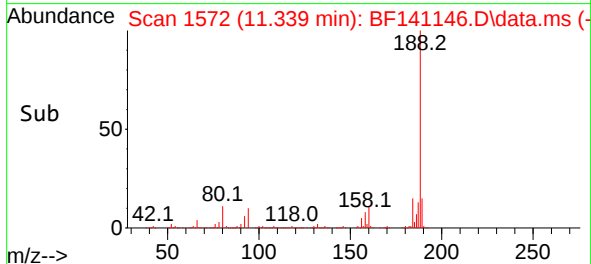
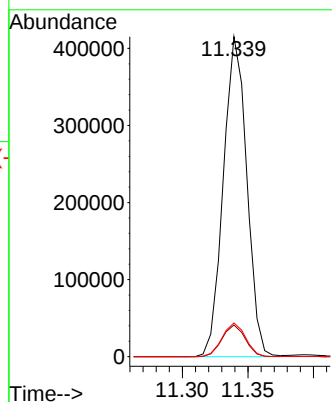
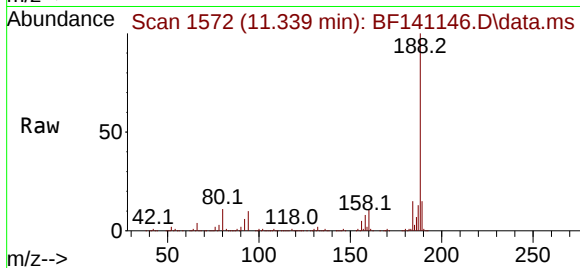
Tgt Ion:188 Resp: 516303

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.074 ng

RT: 10.645 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

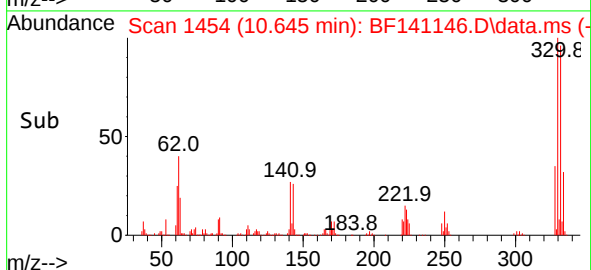
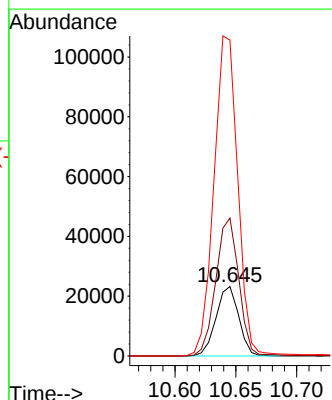
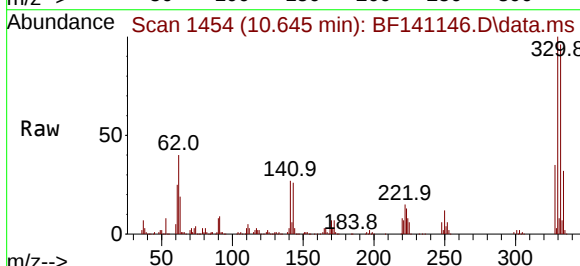
Tgt Ion:248 Resp: 30163

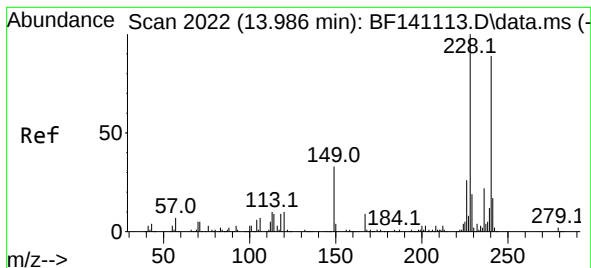
Ion Ratio Lower Upper

248 100

250 198.5 77.9 116.9#

141 454.5 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

PB166045BL

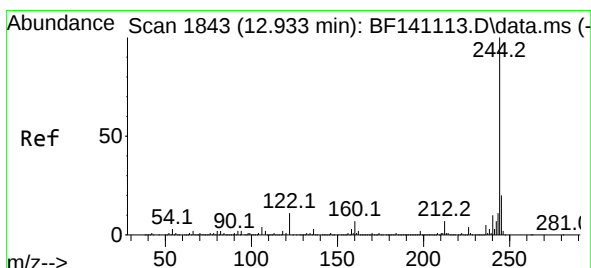
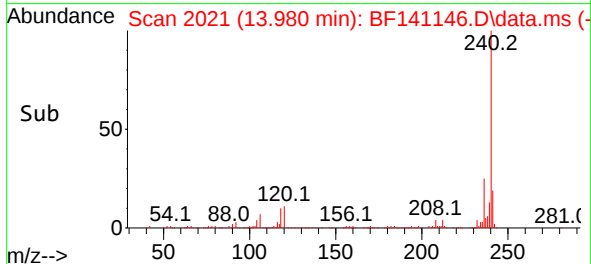
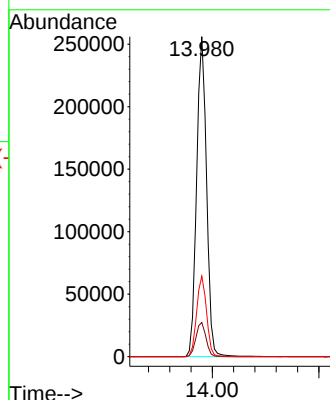
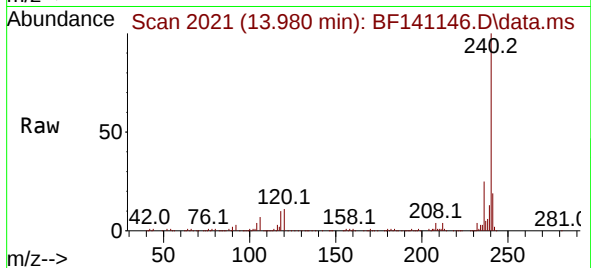
Tgt Ion:240 Resp: 331329

Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

236 25.2 19.8 29.6



#79

Terphenyl-d14

Concen: 98.143 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

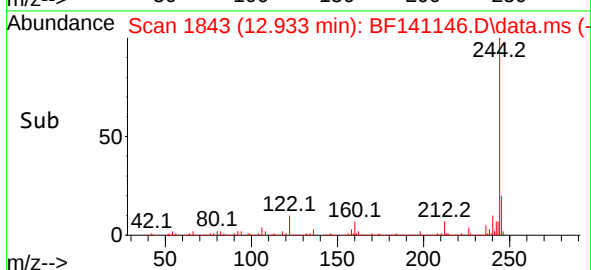
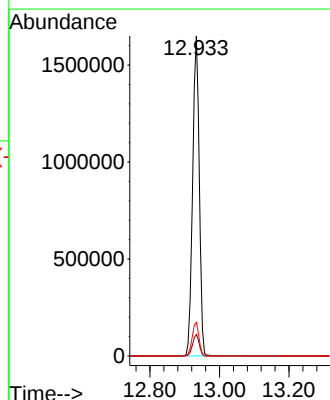
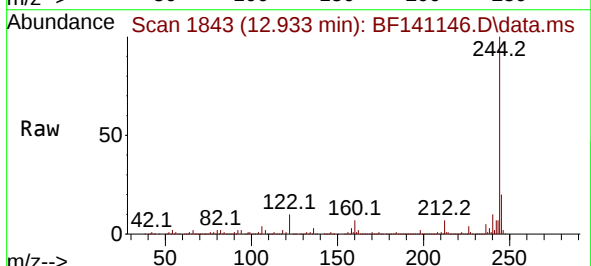
Tgt Ion:244 Resp: 2187812

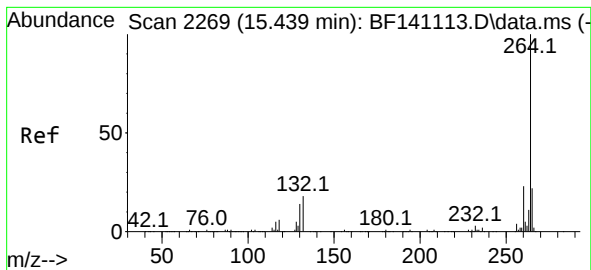
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.4 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141146.D

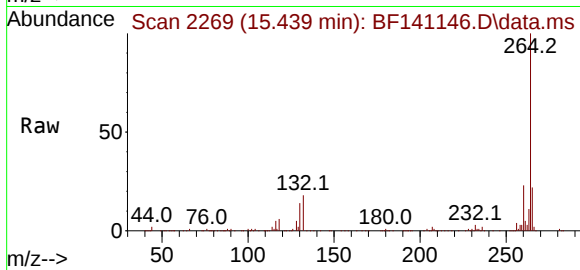
Acq: 14 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

PB166045BL



Tgt Ion:264 Resp: 288367

Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 21.7 17.4 26.0

