

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141142.D
 Acq On : 14 Jan 2025 13:38
 Operator : RC/JU
 Sample : PB166014BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166014BL

Quant Time: Jan 14 14:11:41 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)

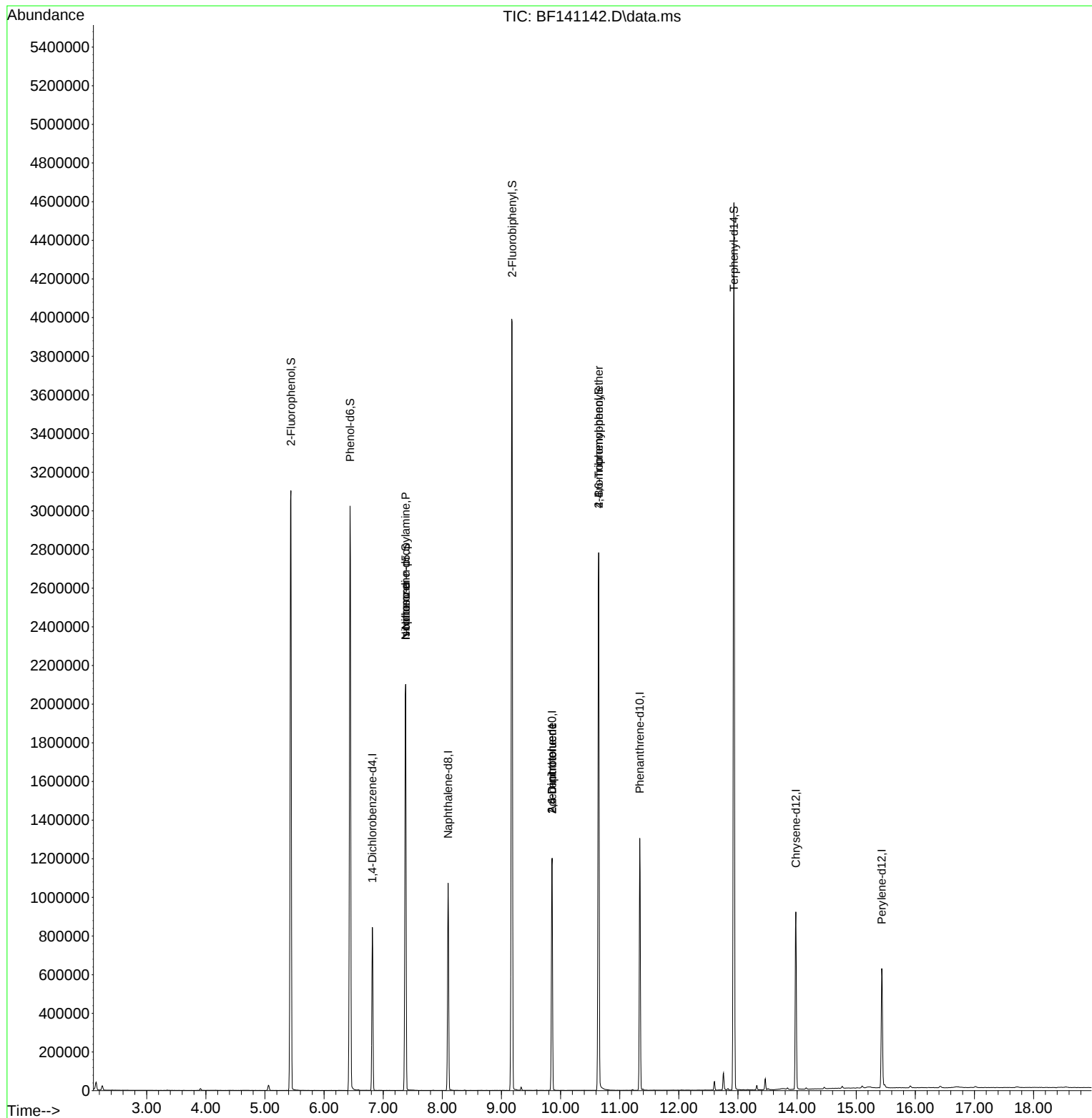
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	174850	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	702212	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	374616	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	648089	20.000	ng	0.00
76) Chrysene-d12	13.980	240	442855	20.000	ng	0.00
86) Perylene-d12	15.433	264	367129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1310683	115.799	ng	0.01
7) Phenol-d6	6.440	99	1606770	112.069	ng	0.00
23) Nitrobenzene-d5	7.381	82	1057521	79.830	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	539535	126.399	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1981402	80.768	ng	0.00
79) Terphenyl-d14	12.933	244	2350115	78.874	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	141887	16.800	ng	# 76
25) Isophorone	7.381	82	1052069	46.472	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	48678	8.323	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	48678	6.459	ng	# 24
67) 4-Bromophenyl-phenylether	10.645	248	33724	4.520	ng	# 1

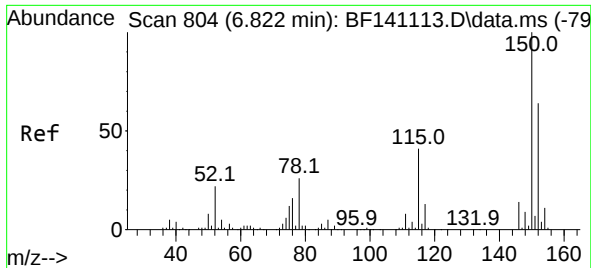
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141142.D
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Sample : PB166014BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

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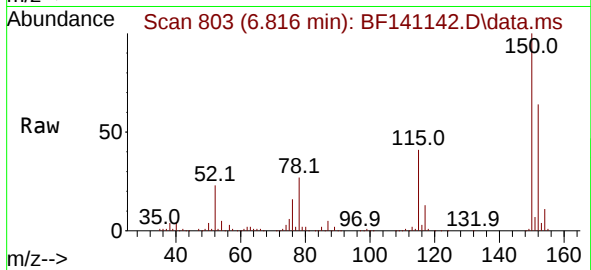
Quant Time: Jan 14 14:11:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



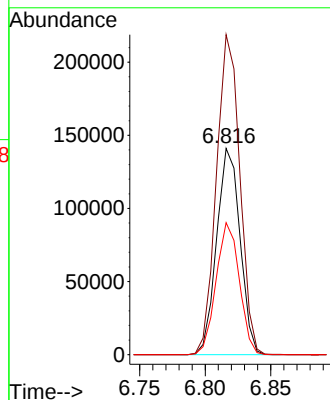
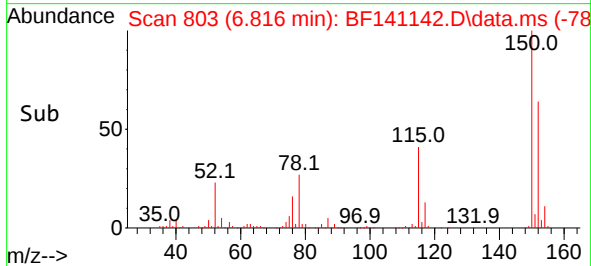


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF141142.D
 Acq: 14 Jan 2025 13:38

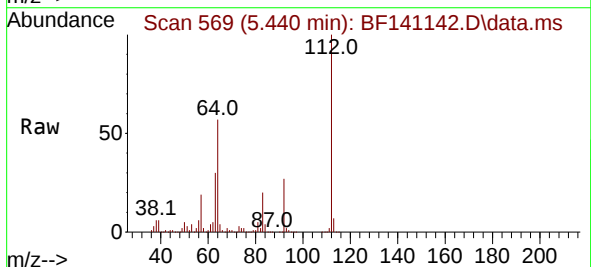
Instrument :
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 ClientSampleId :
 PB166014BL



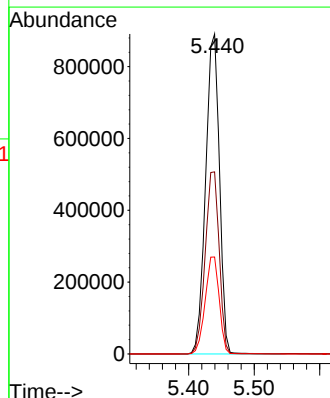
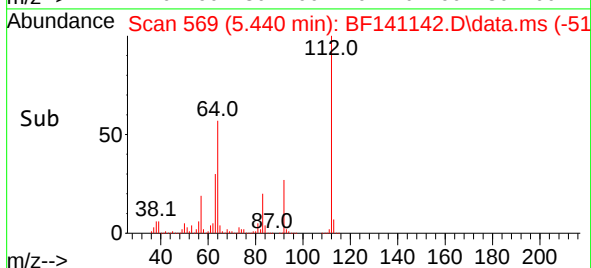
Tgt Ion:152 Resp: 174850
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.8 188.8
 115 64.0 51.4 77.2



#5
 2-Fluorophenol
 Concen: 115.799 ng
 RT: 5.440 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF141142.D
 Acq: 14 Jan 2025 13:38



Tgt Ion:112 Resp: 1310683
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.3 70.9
 63 30.3 24.2 36.2





#7
Phenol-d6
Concen: 112.069 ng
RT: 6.440 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141142.D
Acq: 14 Jan 2025 13:38

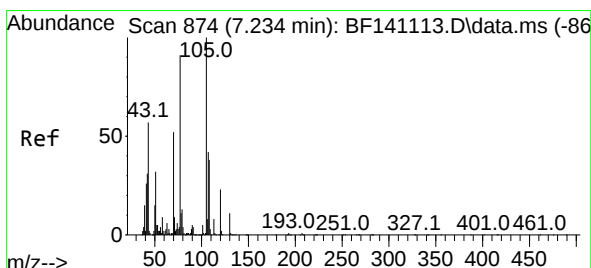
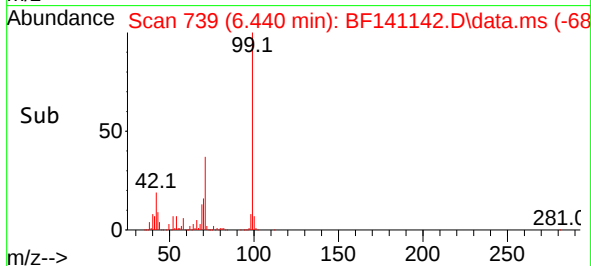
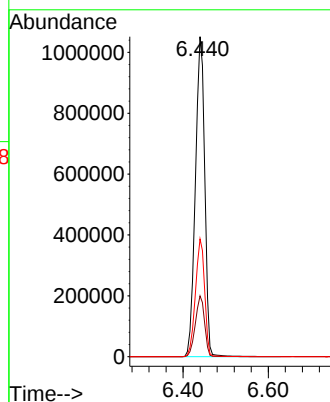
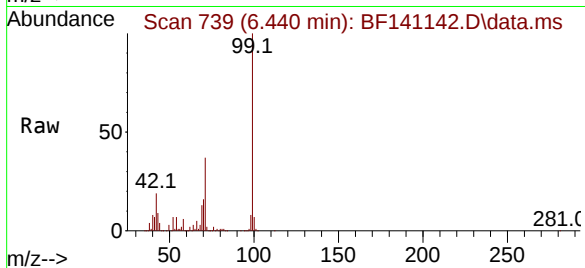
Instrument :

BNA_F

ClientSampleId :

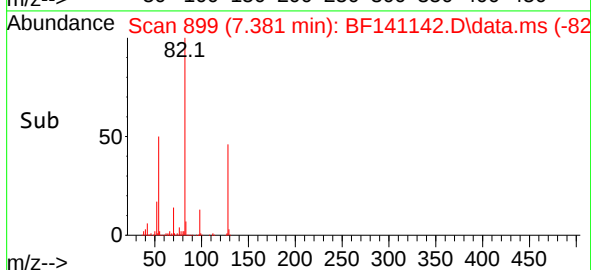
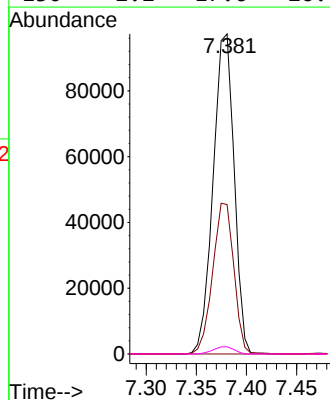
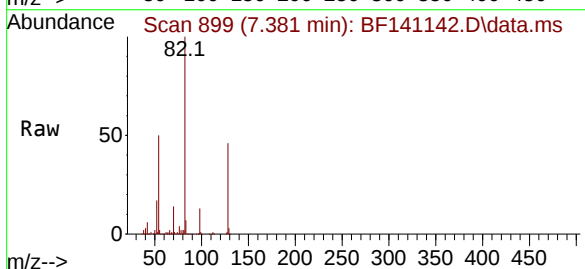
PB166014BL

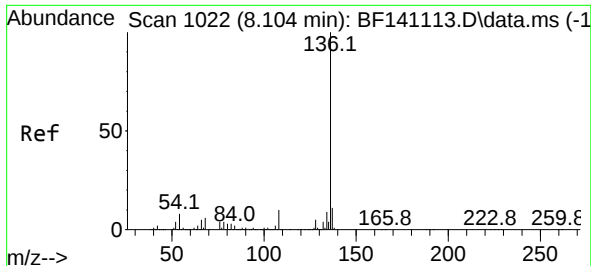
Tgt Ion: 99 Resp: 1606770
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 36.8 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.800 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF141142.D
Acq: 14 Jan 2025 13:38

Tgt Ion: 70 Resp: 141887
Ion Ratio Lower Upper
70 100
42 46.7 47.8 71.6#
101 0.0 7.9 11.9#
130 2.2 17.6 26.4#



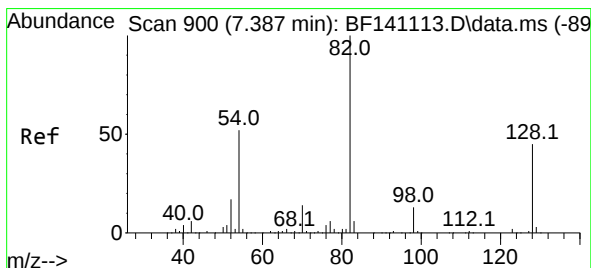
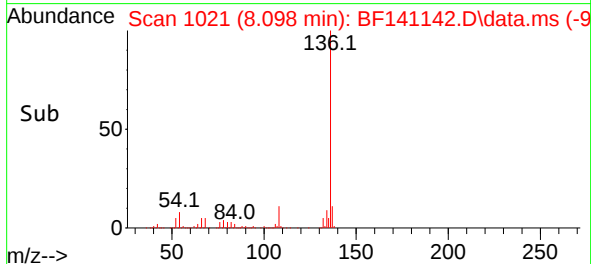
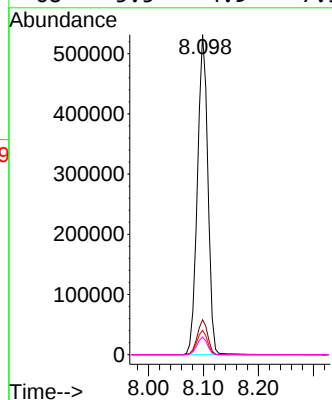
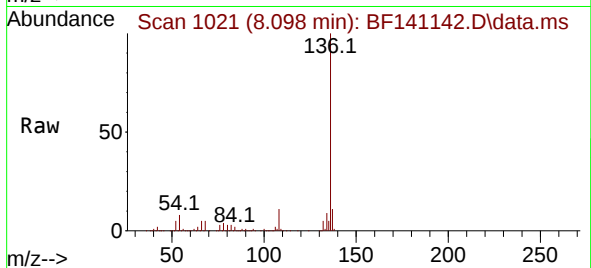


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141142.D
Acq: 14 Jan 2025 13:38

Instrument :
BNA_F
ClientSampleId :
PB166014BL

Tgt Ion:136 Resp: 702212

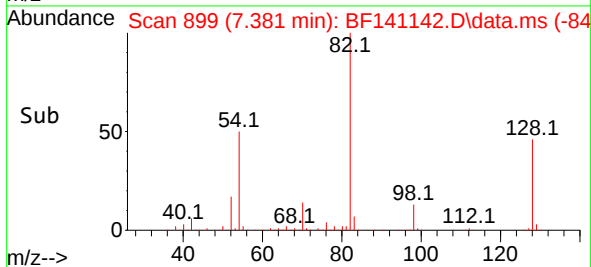
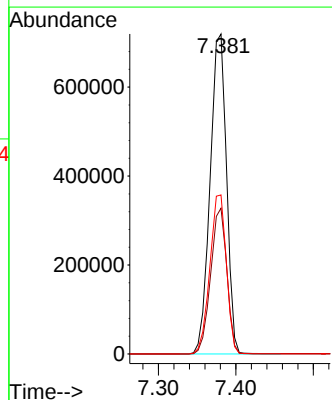
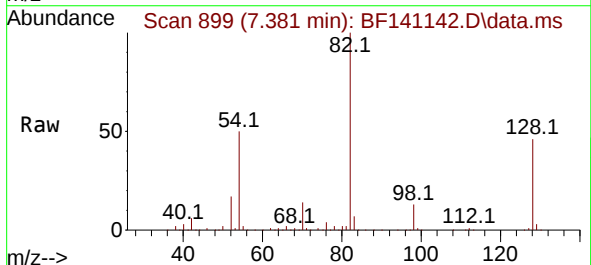
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.3	9.5
68	5.5	4.9	7.3

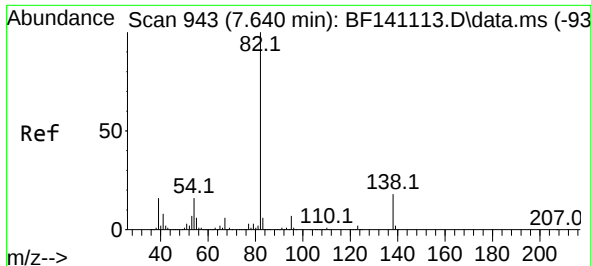


#23
Nitrobenzene-d5
Concen: 79.830 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141142.D
Acq: 14 Jan 2025 13:38

Tgt Ion: 82 Resp: 1057521

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	49.7	41.0	61.4

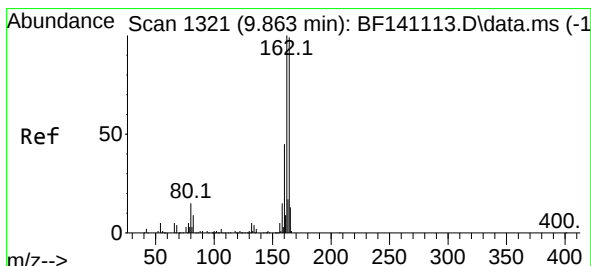
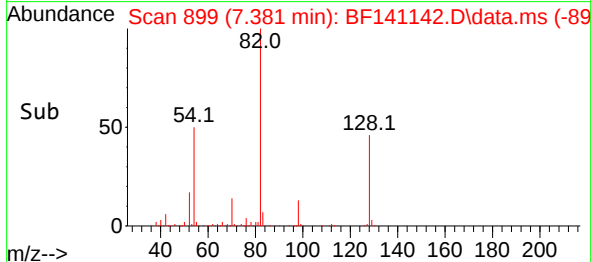
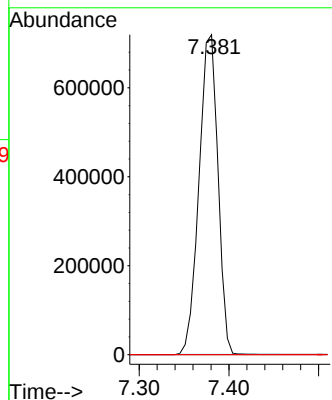
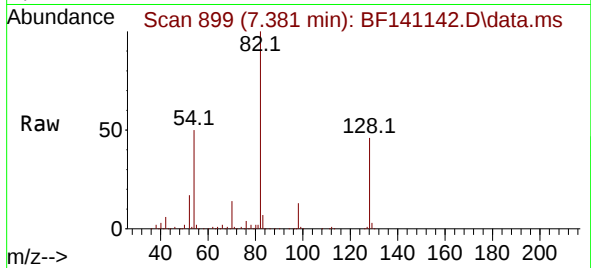




#25
Isophorone
Concen: 46.472 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF141142.D
Acq: 14 Jan 2025 13:38

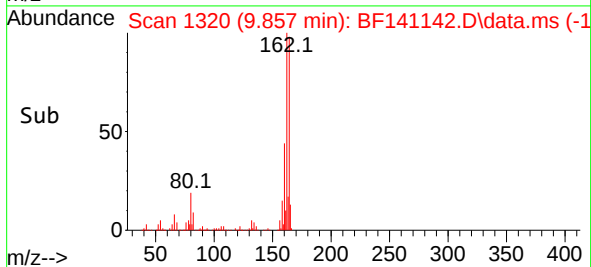
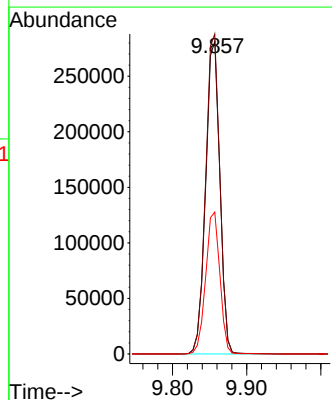
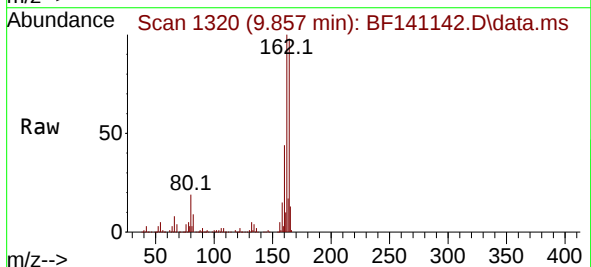
Instrument :
BNA_F
ClientSampleId :
PB166014BL

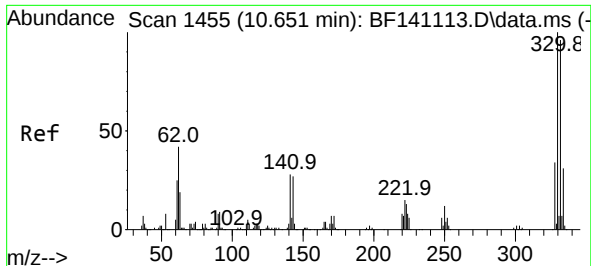
Tgt Ion: 82 Resp: 1052069
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141142.D
Acq: 14 Jan 2025 13:38

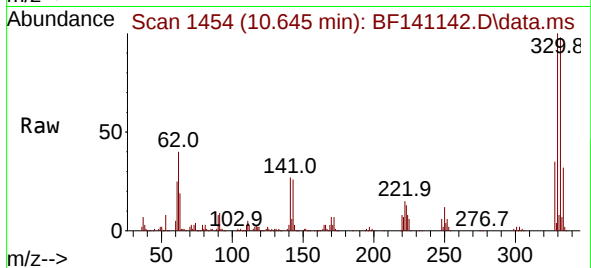
Tgt Ion: 164 Resp: 374616
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 45.4 36.1 54.1



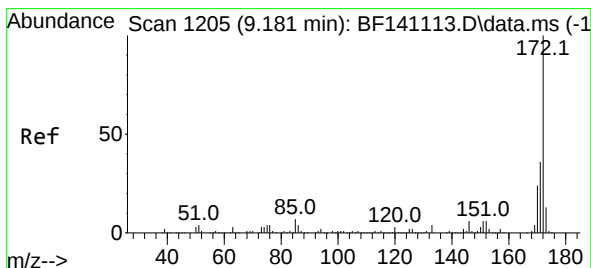
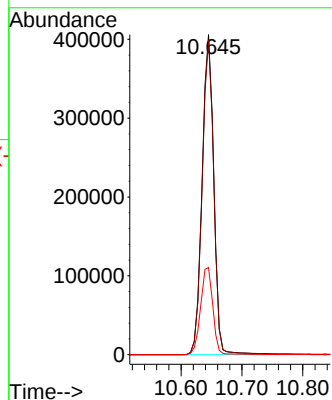
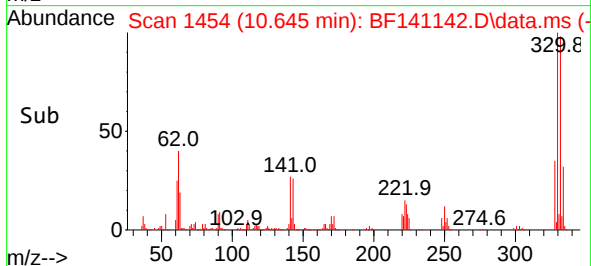


#42
2,4,6-Tribromophenol
Concen: 126.399 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141142.D
Acq: 14 Jan 2025 13:38

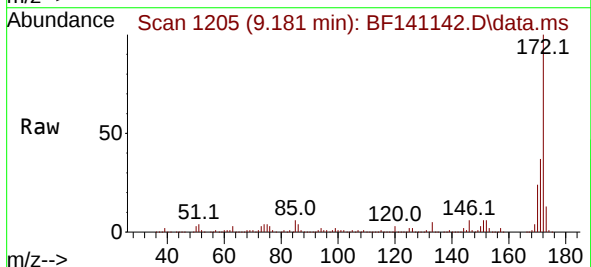
Instrument :
BNA_F
ClientSampleId :
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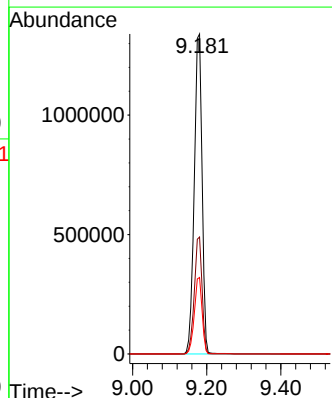
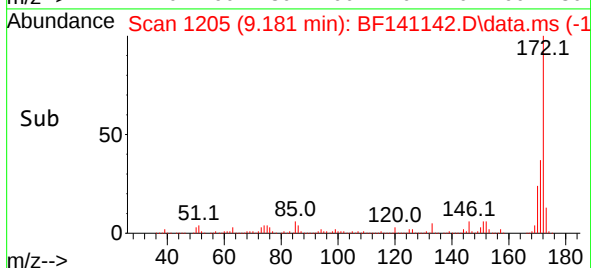
Tgt Ion:330 Resp: 539535
Ion Ratio Lower Upper
330 100
332 98.6 76.9 115.3
141 28.7 25.2 37.8

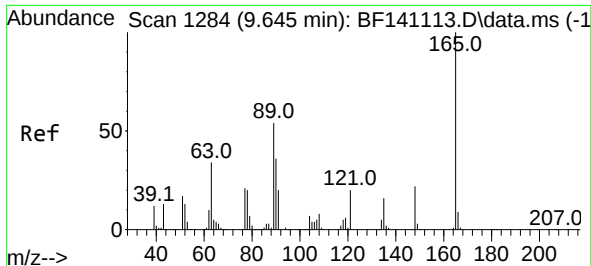


#45
2-Fluorobiphenyl
Concen: 80.768 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF141142.D
Acq: 14 Jan 2025 13:38



Tgt Ion:172 Resp: 1981402
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 23.9 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.323 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF141142.D

Acq: 14 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166014BL

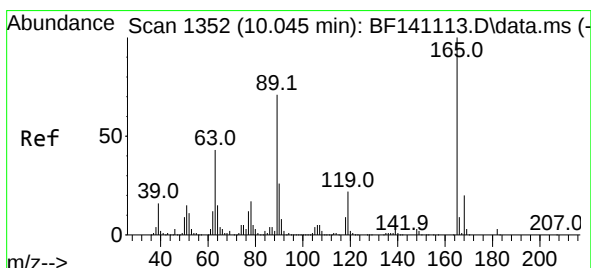
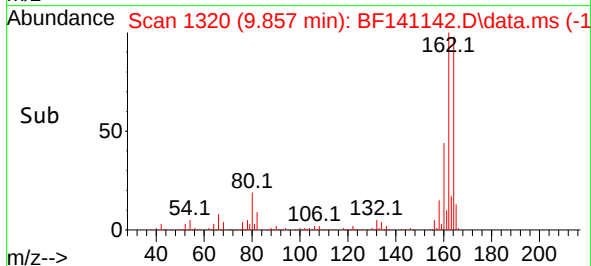
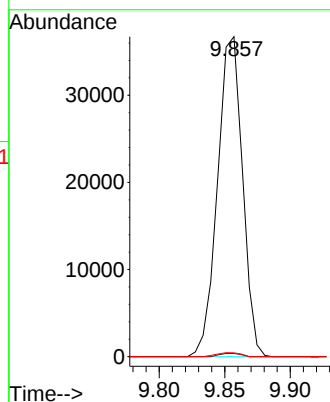
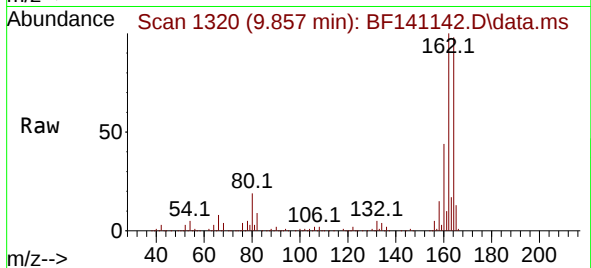
Tgt Ion:165 Resp: 48678

Ion Ratio Lower Upper

165 100

63 1.0 42.3 63.5#

89 1.2 43.1 64.7#



#57

2,4-Dinitrotoluene

Concen: 6.459 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF141142.D

Acq: 14 Jan 2025 13:38

Tgt Ion:165 Resp: 48678

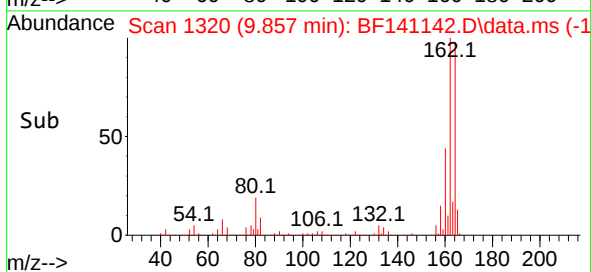
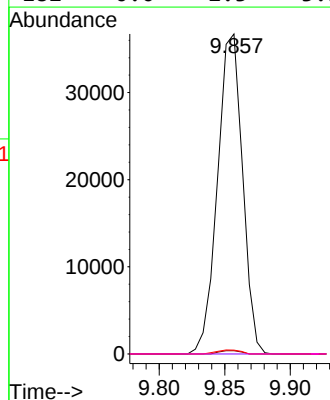
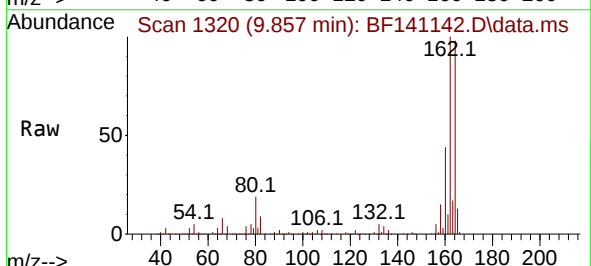
Ion Ratio Lower Upper

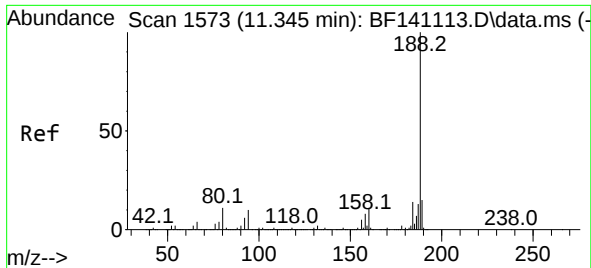
165 100

63 1.0 35.0 52.4#

89 1.2 56.7 85.1#

182 0.0 2.3 3.5#

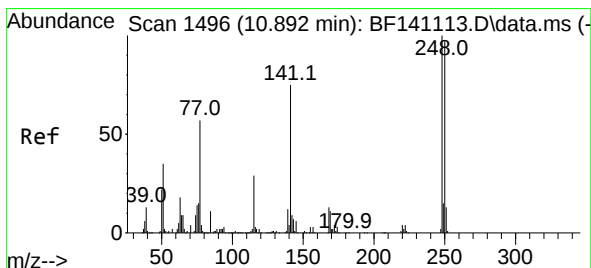
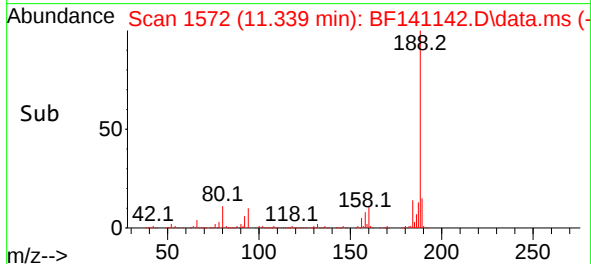
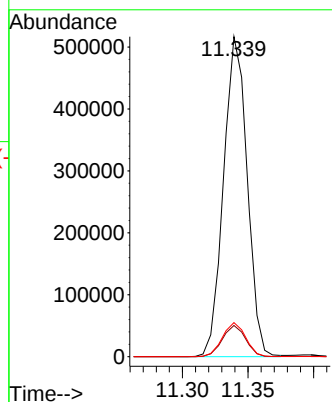
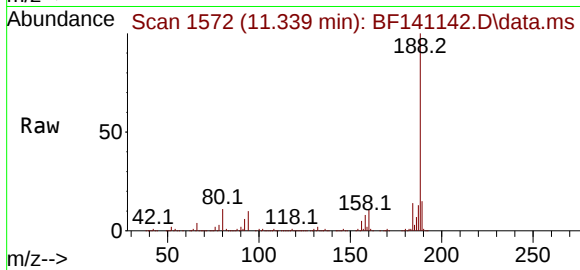




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141142.D
Acq: 14 Jan 2025 13:38

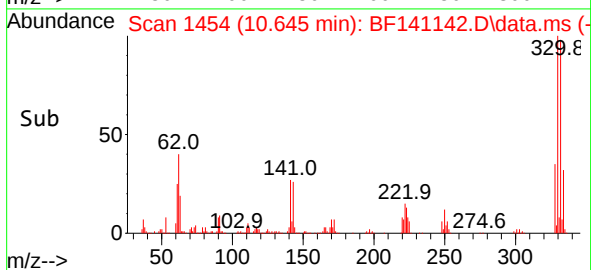
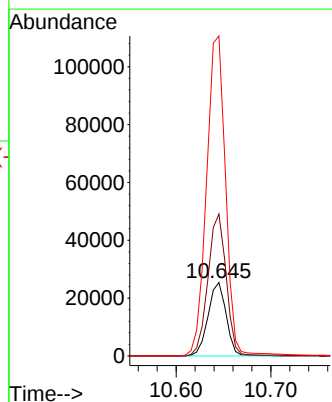
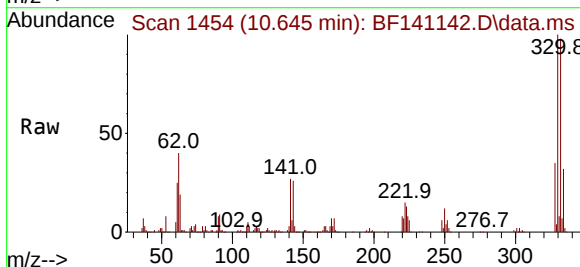
Instrument :
BNA_F
ClientSampleId :
PB166014BL

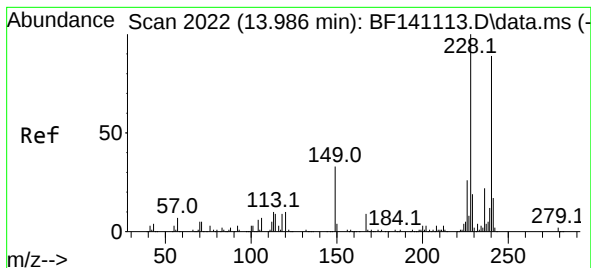
Tgt Ion:188 Resp: 648089
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.6 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.520 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF141142.D
Acq: 14 Jan 2025 13:38

Tgt Ion:248 Resp: 33724
Ion Ratio Lower Upper
248 100
250 193.5 77.9 116.9#
141 436.1 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: BF141142.D

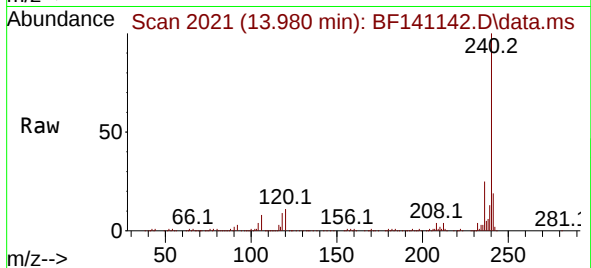
Acq: 14 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166014BL



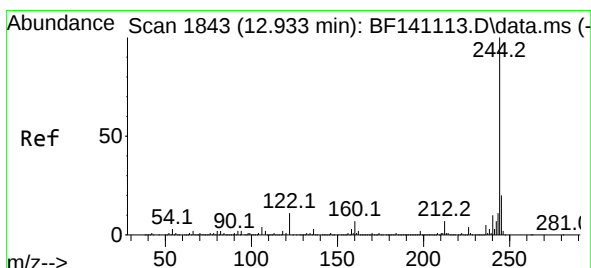
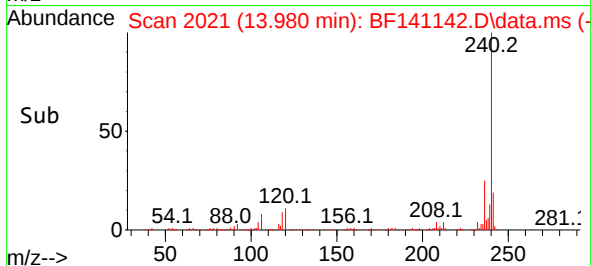
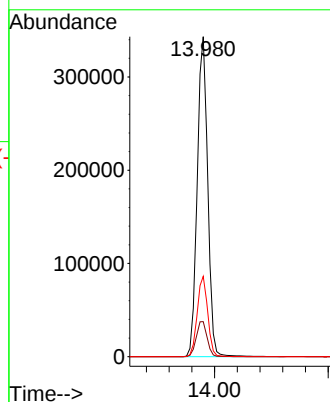
Tgt Ion:240 Resp: 442855

Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

236 25.1 19.8 29.6



#79

Terphenyl-d14

Concen: 78.874 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141142.D

Acq: 14 Jan 2025 13:38

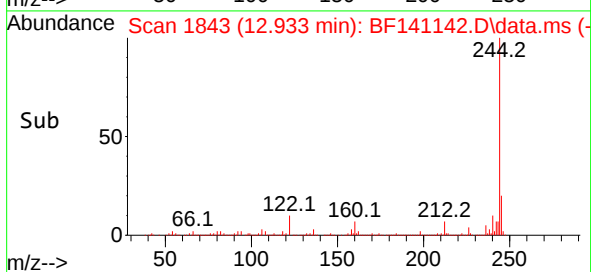
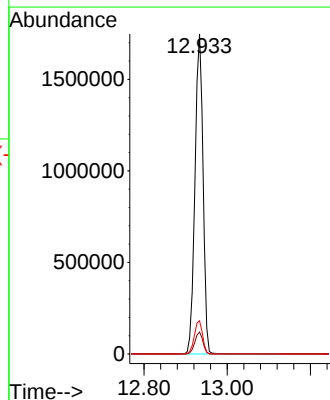
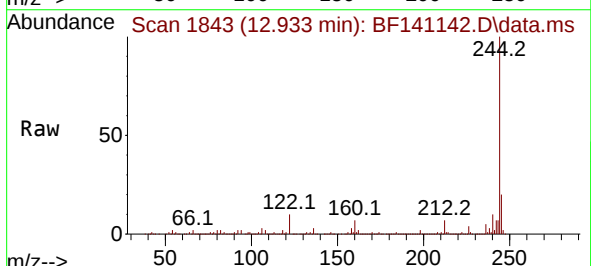
Tgt Ion:244 Resp: 2350115

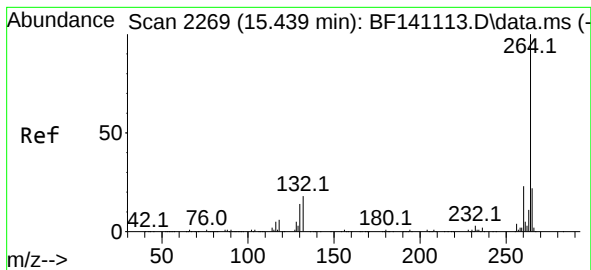
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.3 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141142.D

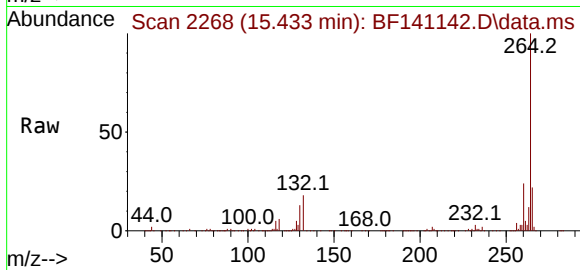
Acq: 14 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166014BL



Tgt Ion:264 Resp: 367129

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.7 17.4 26.0

