

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
 Data File : BF141133.D
 Acq On : 13 Jan 2025 18:22
 Operator : RC/JU
 Sample : PB166000BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 08:52:48 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)

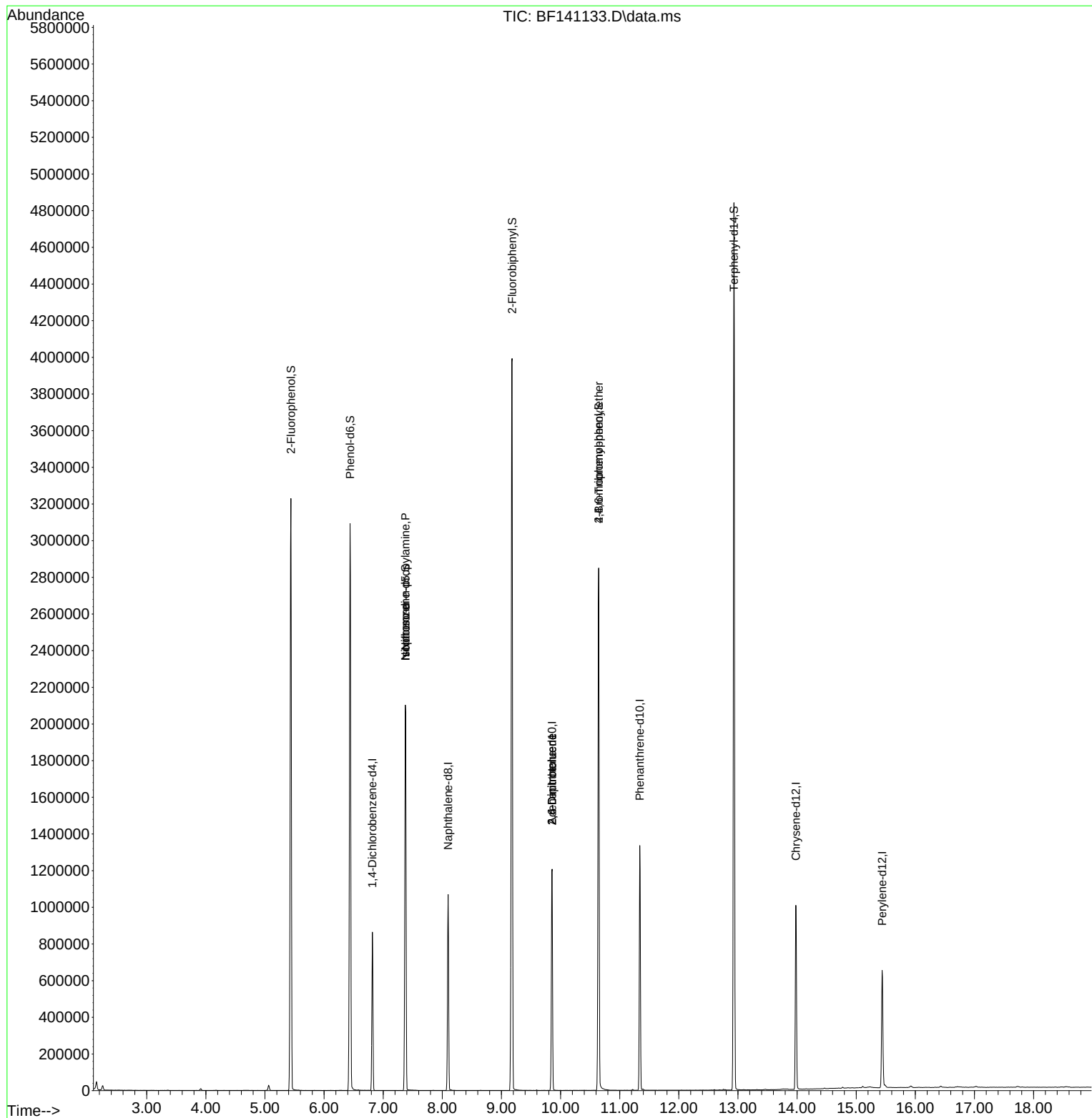
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	176893	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	708516	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	382545	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	671036	20.000	ng	0.00
76) Chrysene-d12	13.980	240	480819	20.000	ng	0.00
86) Perylene-d12	15.439	264	379591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1327623	115.941	ng	0.01
7) Phenol-d6	6.440	99	1625186	112.044	ng	0.00
23) Nitrobenzene-d5	7.375	82	1071160	80.140	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	551694	126.569	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2019228	80.604	ng	0.00
79) Terphenyl-d14	12.933	244	2437071	75.335	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	147301	17.240	ng	# 76
25) Isophorone	7.375	82	1064554	46.605	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	50161	8.399	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	50161	6.517	ng	# 24
67) 4-Bromophenyl-phenylether	10.645	248	33587	4.347	ng	# 1

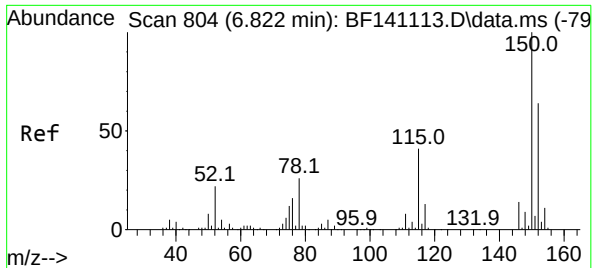
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
Data File : BF141133.D
Acq On : 13 Jan 2025 18:22
Operator : RC/JU
Sample : PB166000BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 14 08:52:48 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

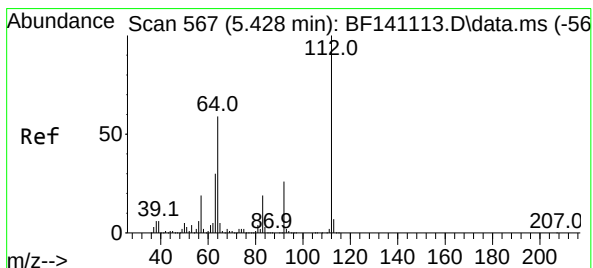
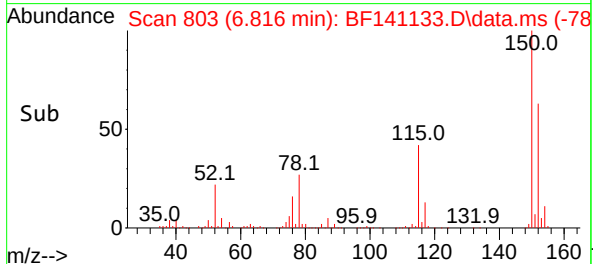
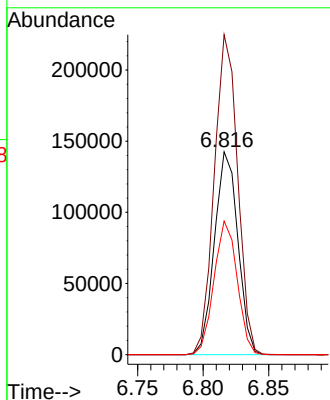
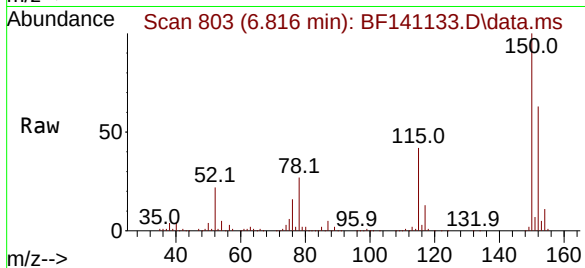




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

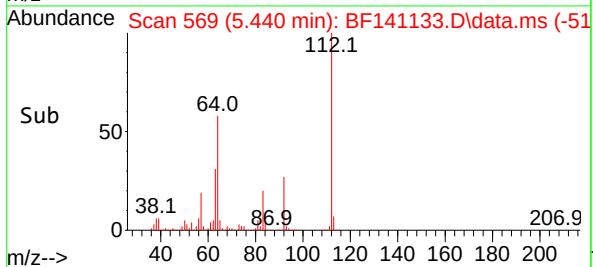
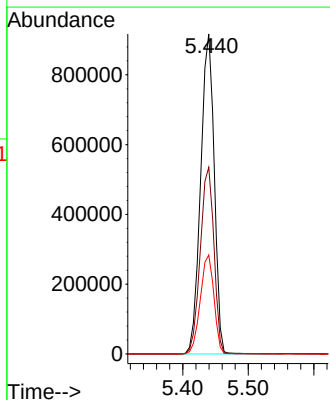
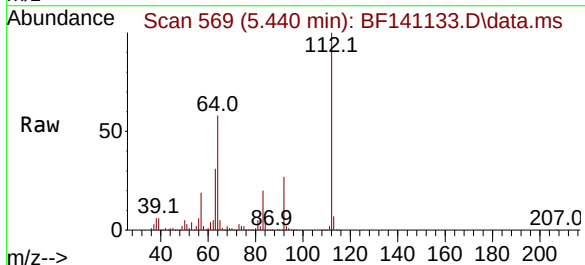
Instrument :
BNA_F
ClientSampleId :

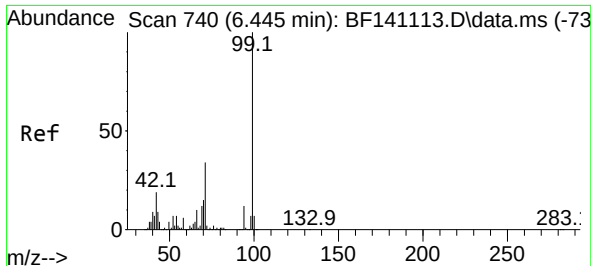
Tgt Ion:152 Resp: 176893
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.8
115 65.8 51.4 77.2



#5
2-Fluorophenol
Concen: 115.941 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Tgt Ion:112 Resp: 1327623
Ion Ratio Lower Upper
112 100
64 58.4 47.3 70.9
63 30.9 24.2 36.2



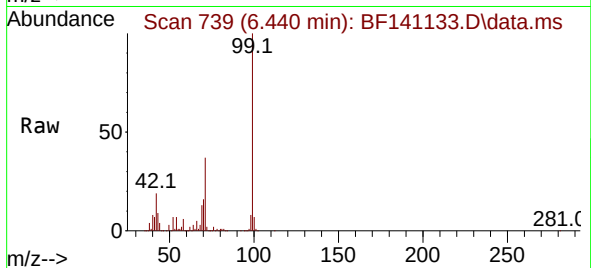


#7
Phenol-d6
Concen: 112.044 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Instrument :

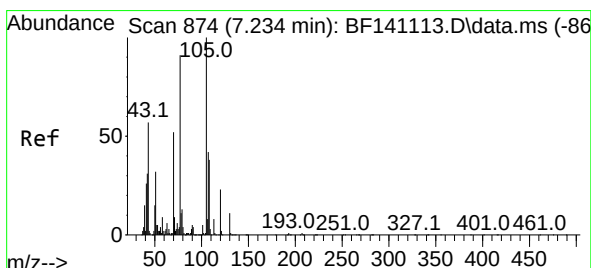
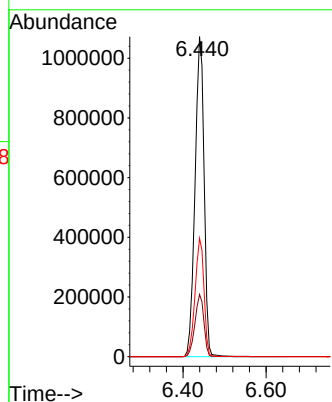
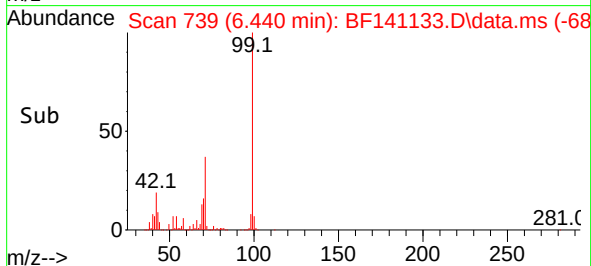
BNA_F

ClientSampleId :

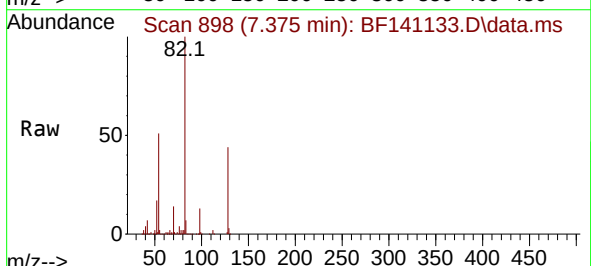


Tgt Ion: 99 Resp: 1625186

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.0	22.4
71	37.0	27.6	41.4

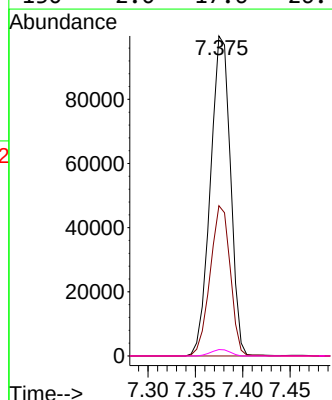
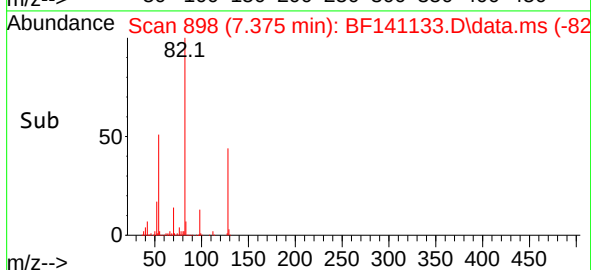


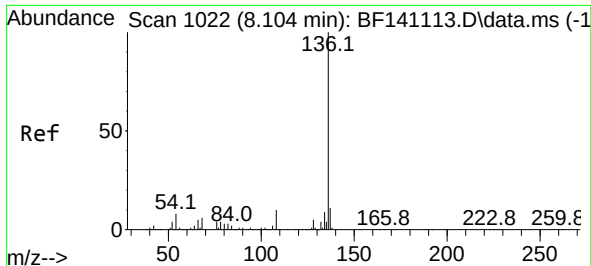
#19
n-Nitroso-di-n-propylamine
Concen: 17.240 ng
RT: 7.375 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22



Tgt Ion: 70 Resp: 147301

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.8	71.6#
101	0.0	7.9	11.9#
130	2.0	17.6	26.4#



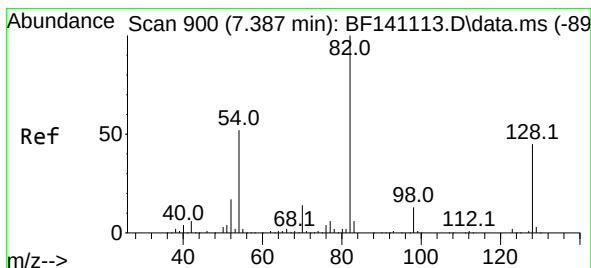
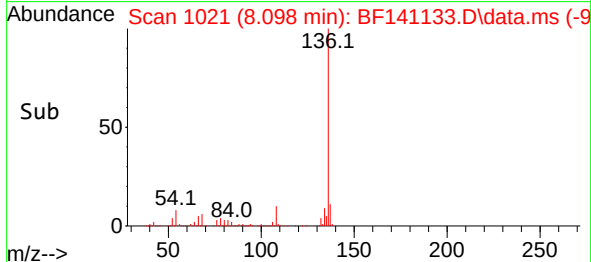
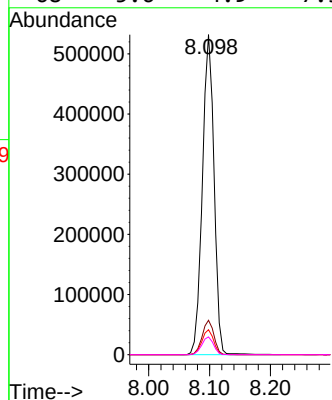
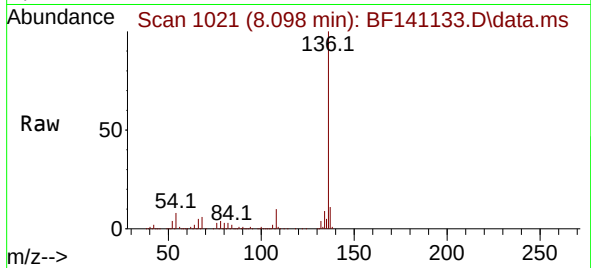


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 708516

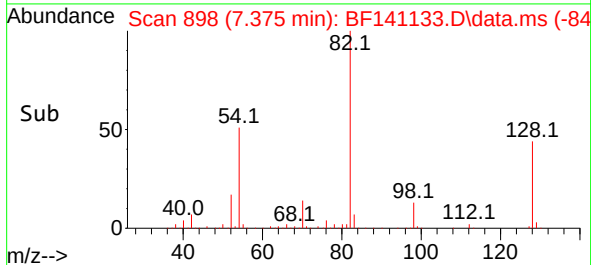
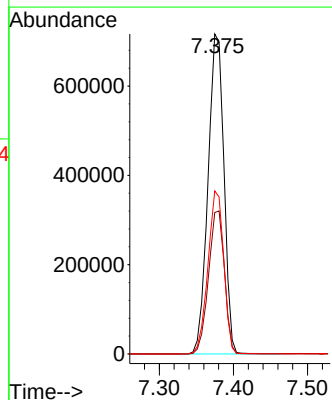
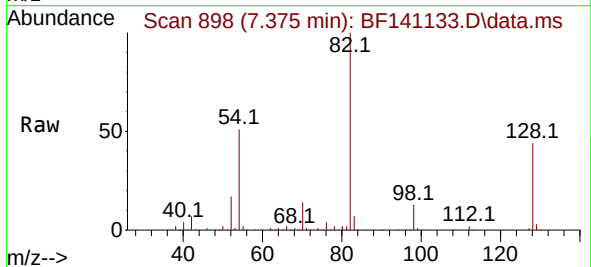
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	6.3	9.5
68	5.6	4.9	7.3

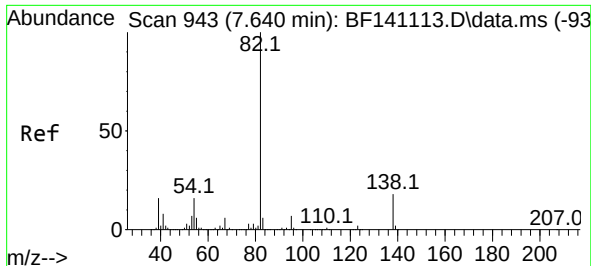


#23
Nitrobenzene-d5
Concen: 80.140 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Tgt Ion: 82 Resp: 1071160

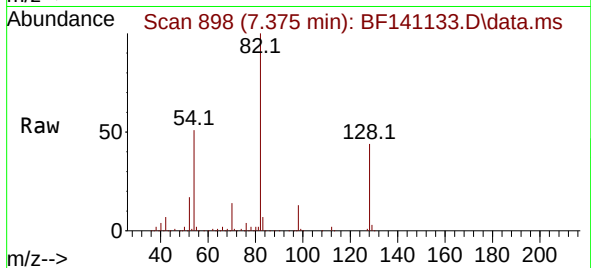
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	50.9	41.0	61.4



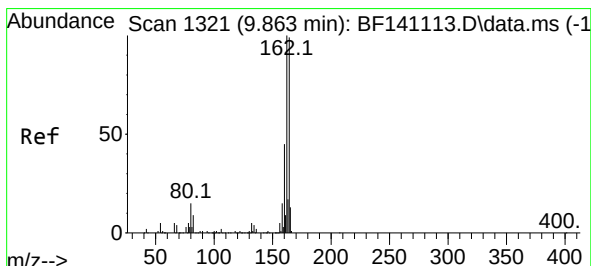
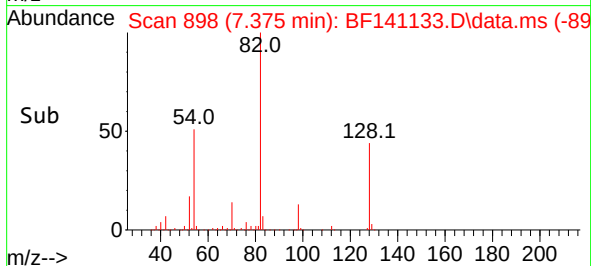
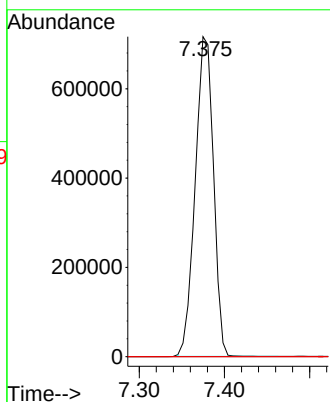


#25
Isophorone
Concen: 46.605 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Instrument :
BNA_F
ClientSampleId :

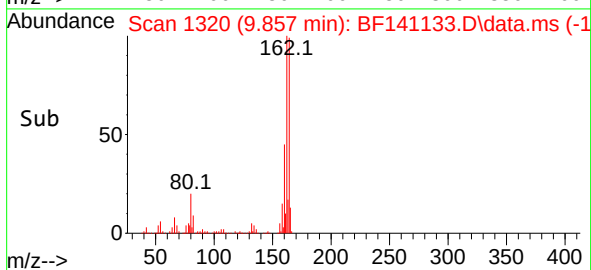
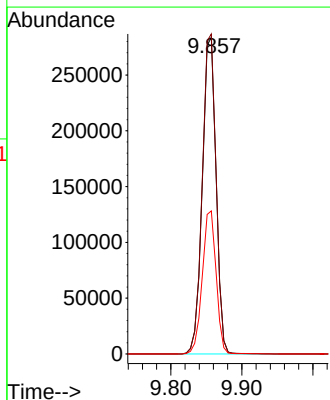
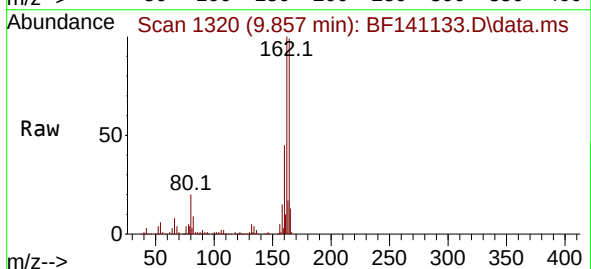


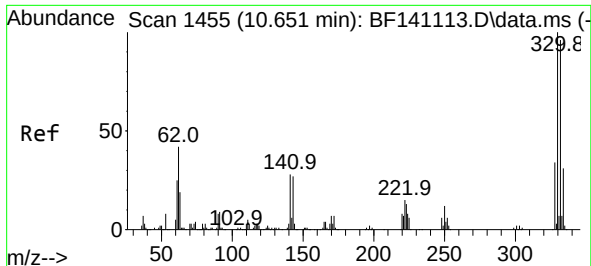
Tgt Ion: 82 Resp: 1064554
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

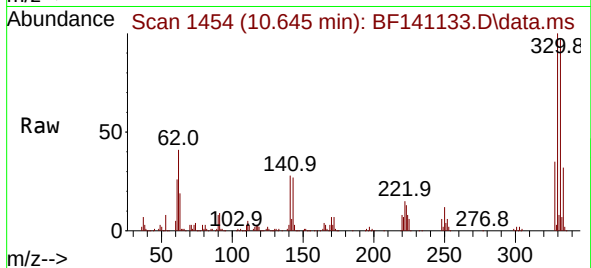
Tgt Ion: 164 Resp: 382545
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.2 36.1 54.1



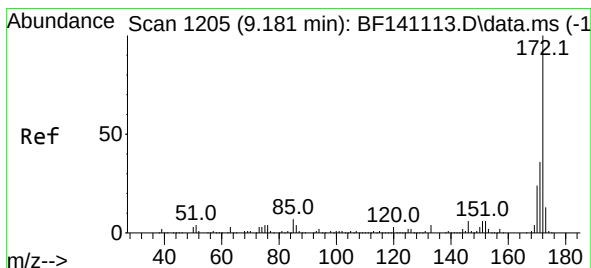
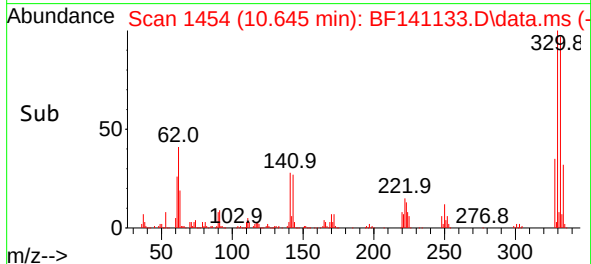
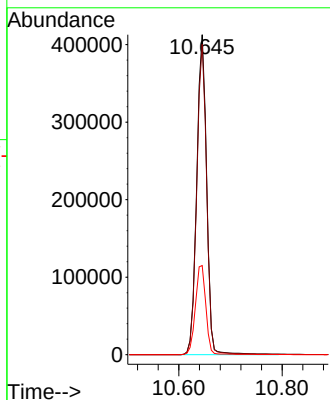


#42
2,4,6-Tribromophenol
Concen: 126.569 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Instrument :
BNA_F
ClientSampleId :

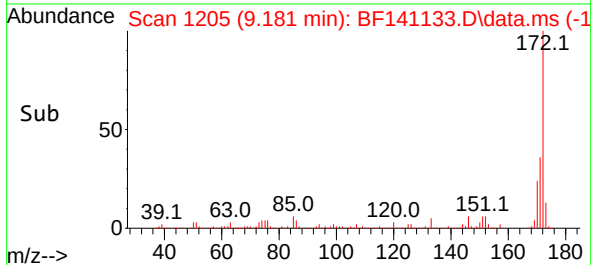
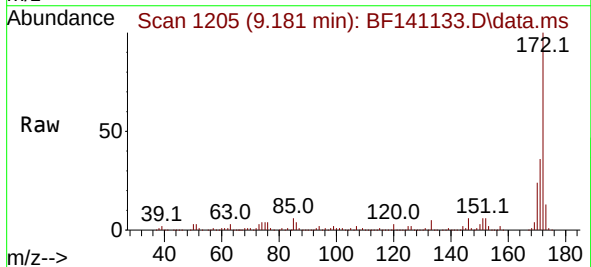
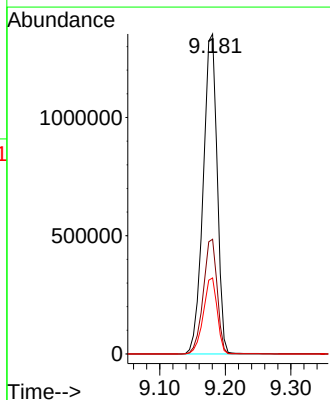


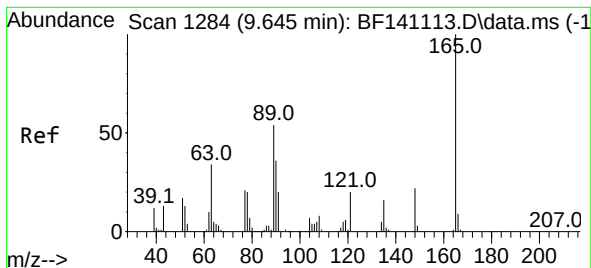
Tgt Ion:330 Resp: 551694
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 29.5 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 80.604 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Tgt Ion:172 Resp: 2019228
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.399 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF141113.D

Acq: 13 Jan 2025 18:22

Instrument :

BNA_F

ClientSampleId :

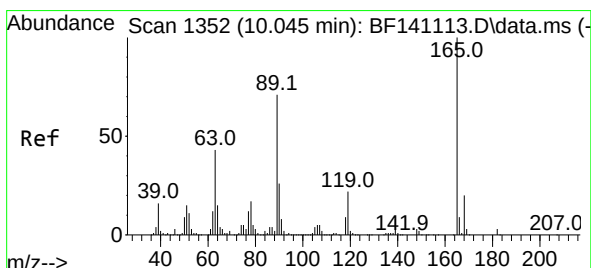
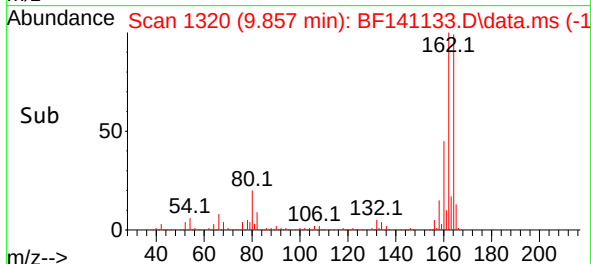
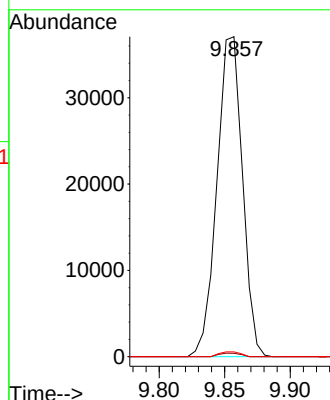
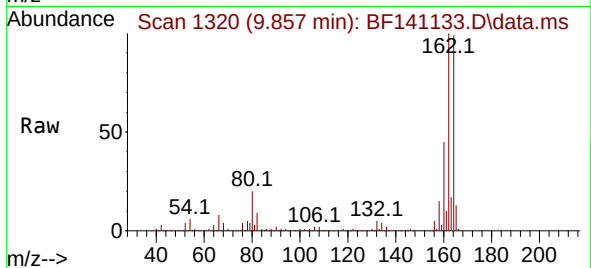
Tgt Ion:165 Resp: 50161

Ion Ratio Lower Upper

165 100

63 1.0 42.3 63.5#

89 1.5 43.1 64.7#



#57

2,4-Dinitrotoluene

Concen: 6.517 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF141113.D

Acq: 13 Jan 2025 18:22

Tgt Ion:165 Resp: 50161

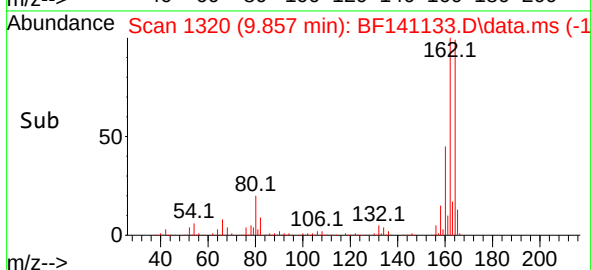
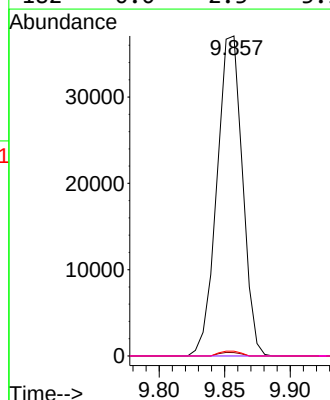
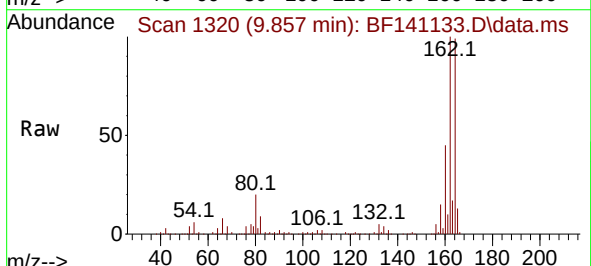
Ion Ratio Lower Upper

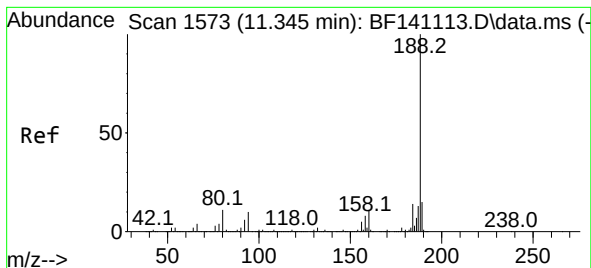
165 100

63 1.0 35.0 52.4#

89 1.5 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: BF141113.D

Acq: 13 Jan 2025 18:22

Instrument :

BNA_F

ClientSampleId :

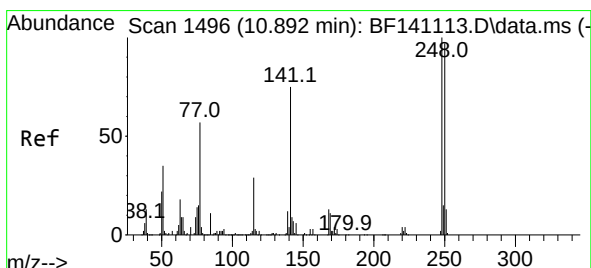
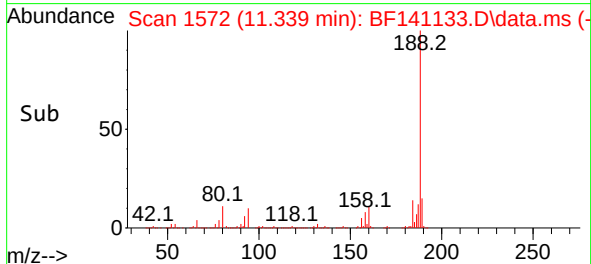
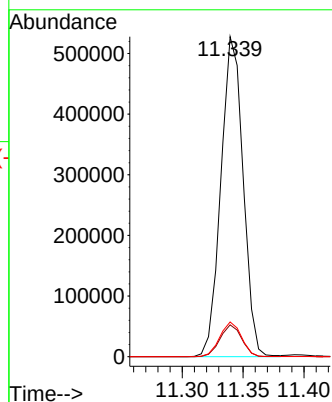
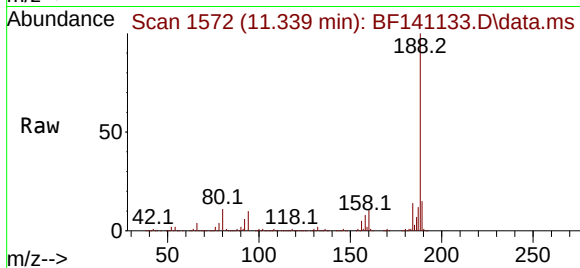
Tgt Ion:188 Resp: 671036

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.347 ng

RT: 10.645 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF141113.D

Acq: 13 Jan 2025 18:22

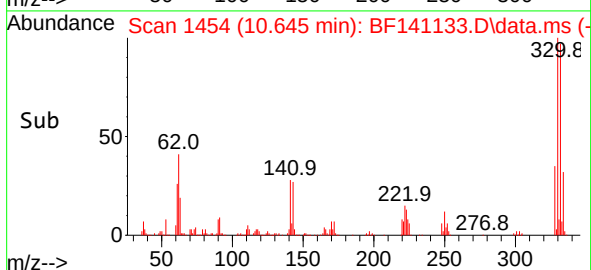
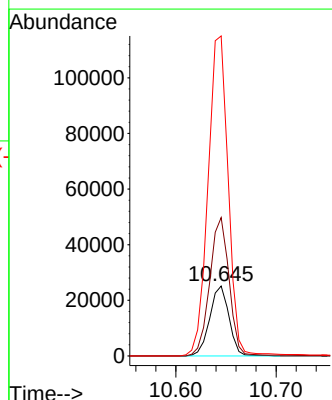
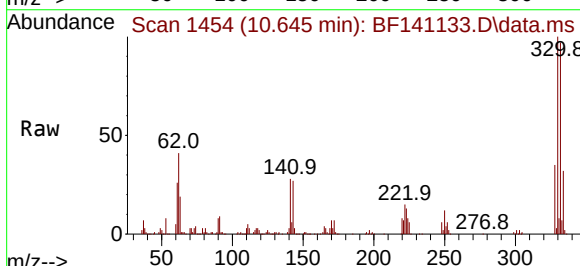
Tgt Ion:248 Resp: 33587

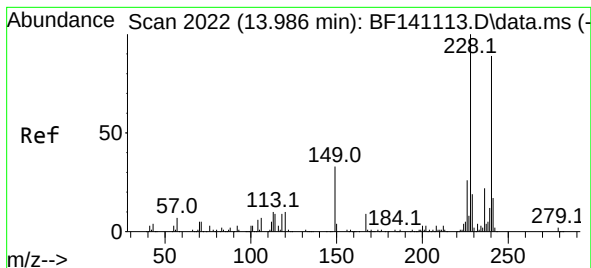
Ion Ratio Lower Upper

248 100

250 197.7 77.9 116.9#

141 457.2 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

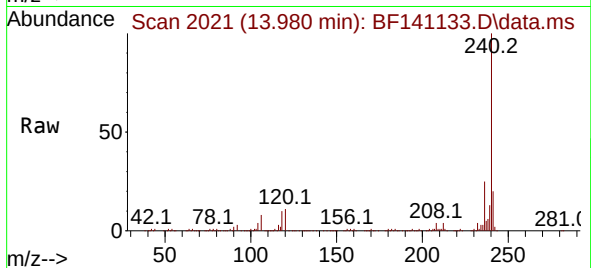
Lab File: BF141133.D

Acq: 13 Jan 2025 18:22

Instrument :

BNA_F

ClientSampleId :



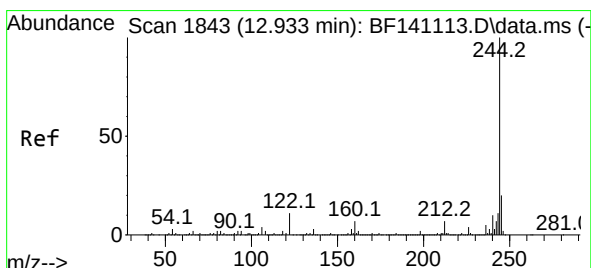
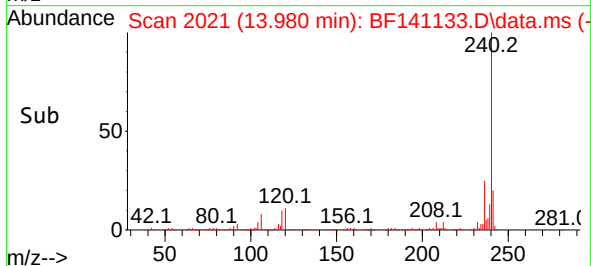
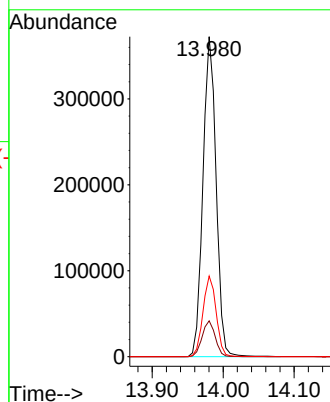
Tgt Ion:240 Resp: 480819

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.2 19.8 29.6



#79

Terphenyl-d14

Concen: 75.335 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141133.D

Acq: 13 Jan 2025 18:22

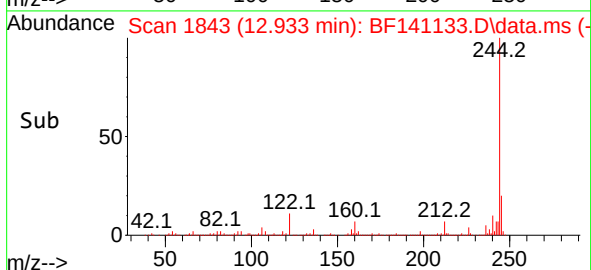
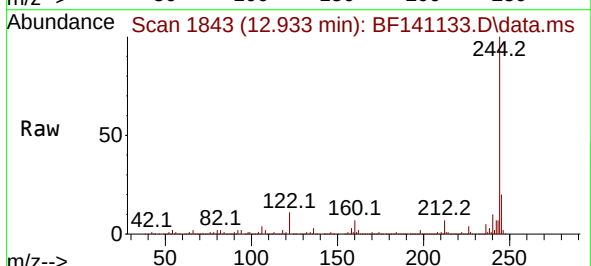
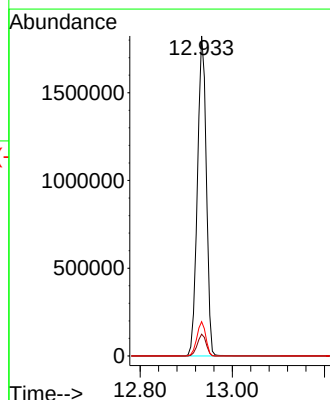
Tgt Ion:244 Resp: 2437071

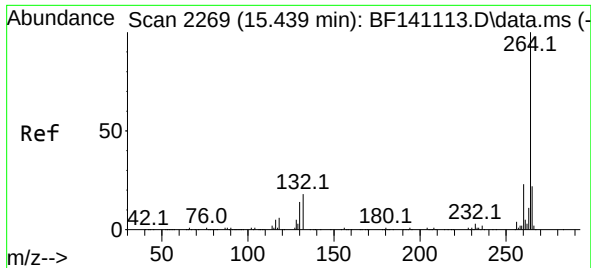
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

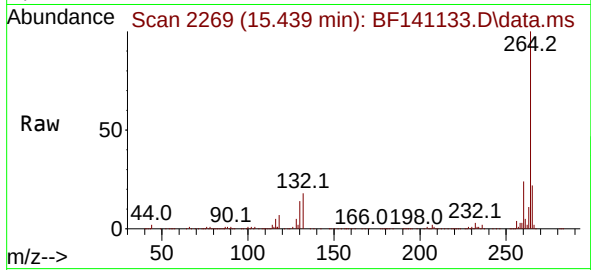
122 10.7 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 379591
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.8 17.4 26.0

