

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142626.D
 Acq On : 05 Jun 2025 11:04
 Operator : RC/JU
 Sample : PB168259BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 11:35:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

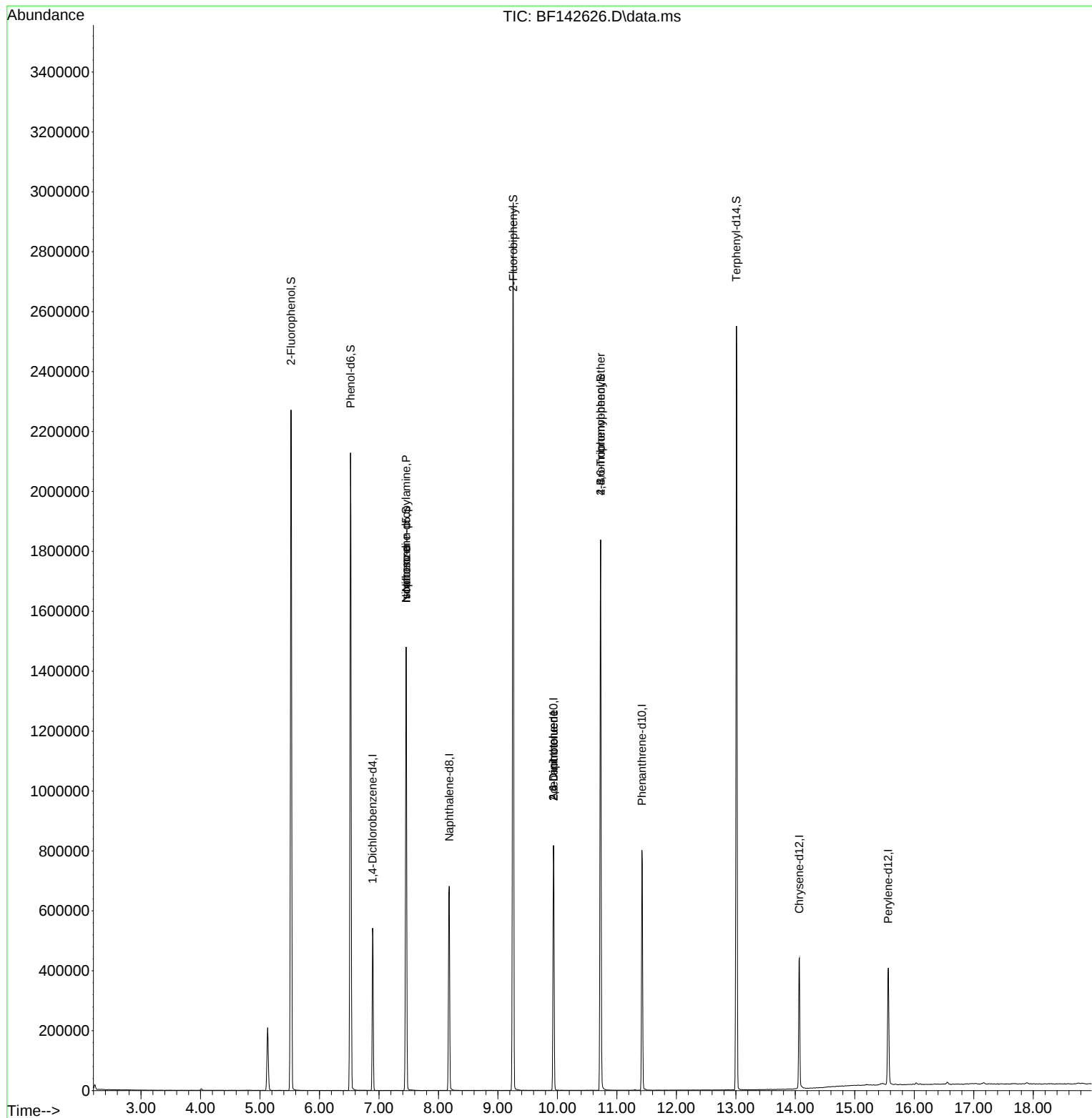
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	122182	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	466755	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	253840	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	433273	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	225137	20.000	ng	0.00
86) Perylene-d12	15.562	264	234045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	907955	125.197	ng	0.00
7) Phenol-d6	6.522	99	1081644	123.901	ng	-0.01
23) Nitrobenzene-d5	7.457	82	672397	78.553	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	344627	122.325	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1422364	75.190	ng	-0.01
79) Terphenyl-d14	13.010	244	1286910	78.113	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	88752	16.404	ng	# 76
25) Isophorone	7.457	82	627612	43.854	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	32757	9.061	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	32757	6.938	ng	# 28
67) 4-Bromophenyl-phenylether	10.727	248	21703	4.236	ng	# 1

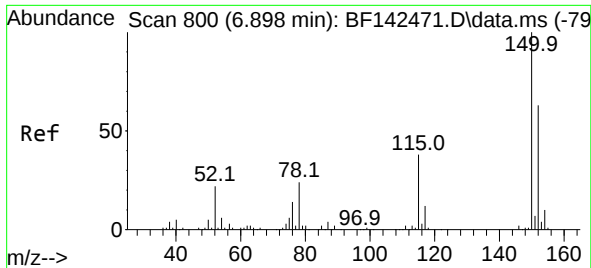
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142626.D
Acq On : 05 Jun 2025 11:04
Operator : RC/JU
Sample : PB168259BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

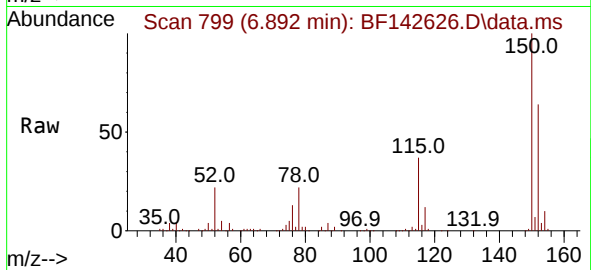
Quant Time: Jun 05 11:35:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



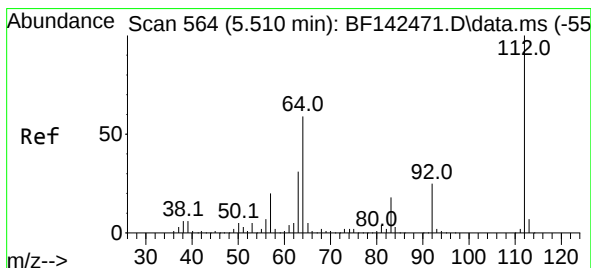
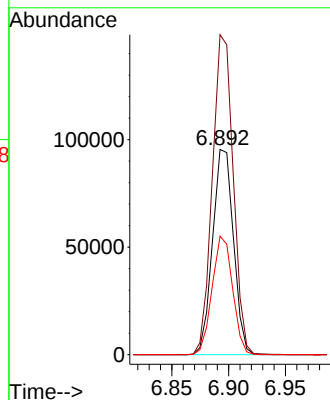
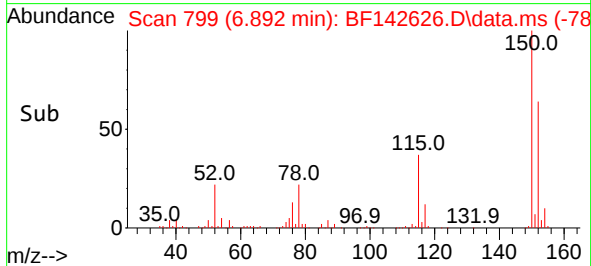


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Instrument :
BNA_F
ClientSampleId :

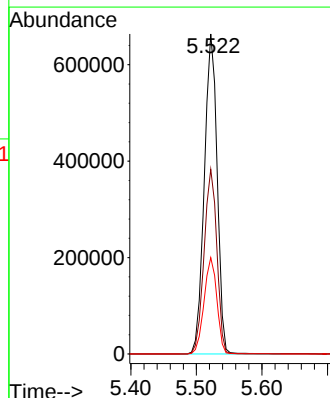
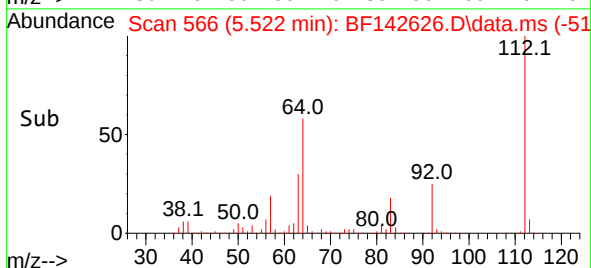
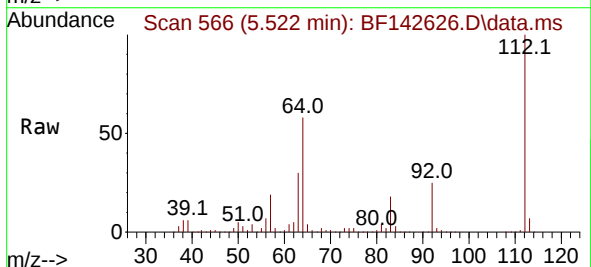


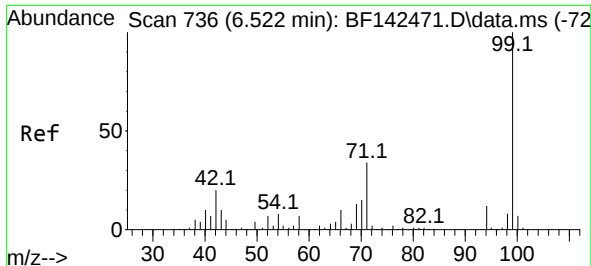
Tgt Ion:152 Resp: 122182
Ion Ratio Lower Upper
152 100
150 155.9 128.2 192.4
115 57.7 48.3 72.5



#5
2-Fluorophenol
Concen: 125.197 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

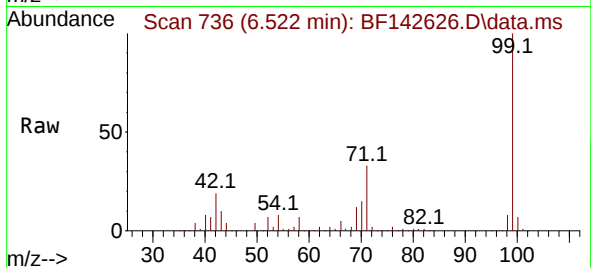
Tgt Ion:112 Resp: 907955
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 30.1 24.9 37.3





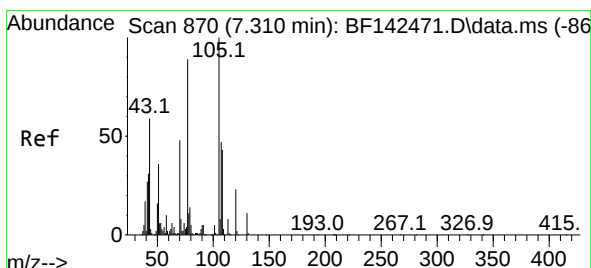
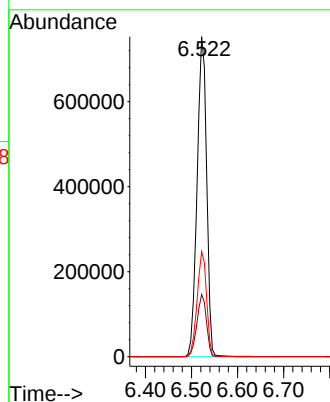
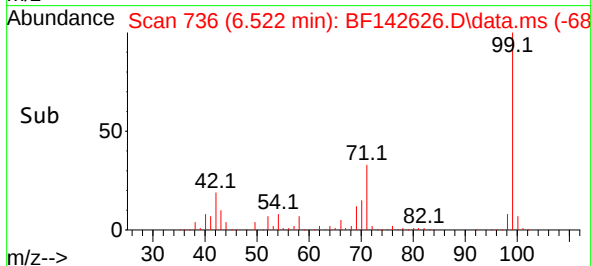
#7
Phenol-d6
Concen: 123.901 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Instrument :
BNA_F
ClientSampleId :

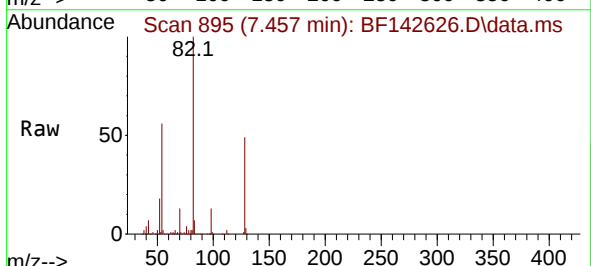


Tgt Ion: 99 Resp: 1081644

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	32.9	27.3	40.9

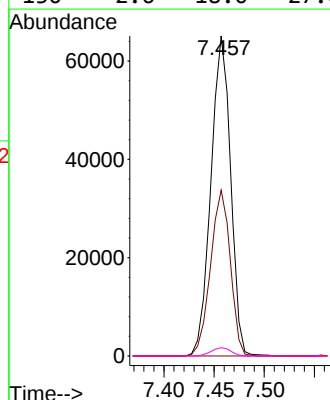
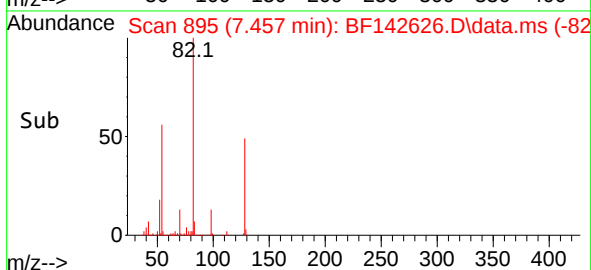


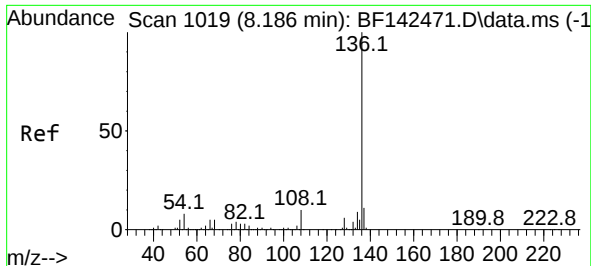
#19
n-Nitroso-di-n-propylamine
Concen: 16.404 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04



Tgt Ion: 70 Resp: 88752

Ion	Ratio	Lower	Upper
70	100		
42	51.8	52.4	78.6#
101	0.0	7.8	11.8#
130	2.6	18.0	27.0#

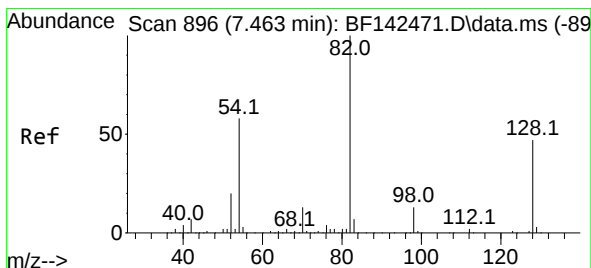
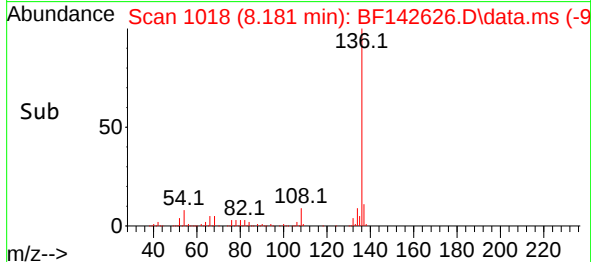
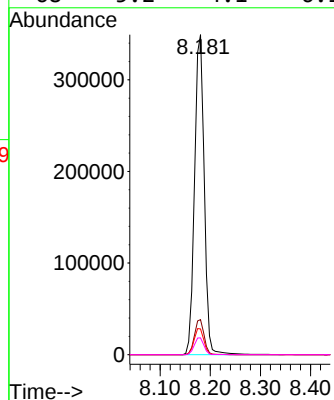
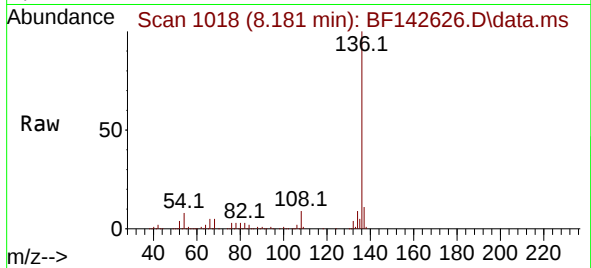




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

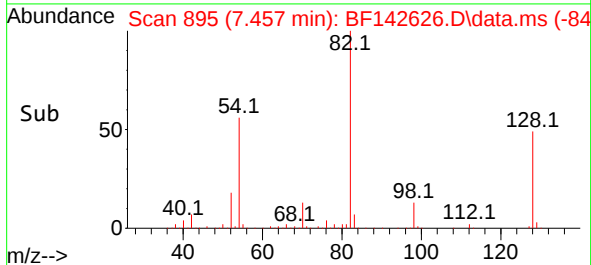
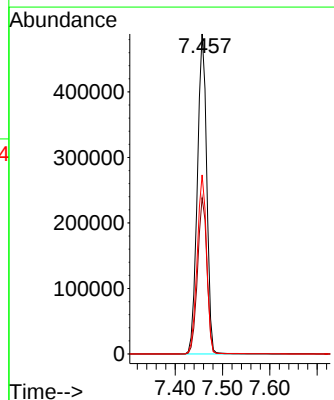
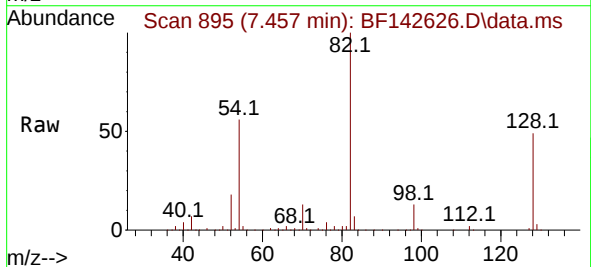
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 466755
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 6.6 10.0
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.553 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

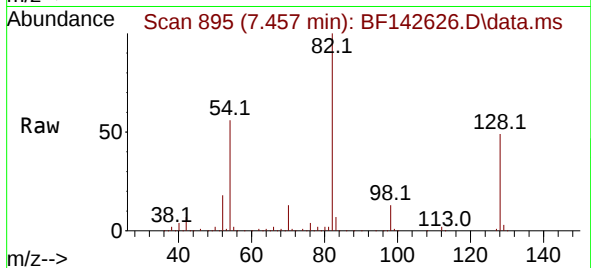
Tgt Ion: 82 Resp: 672397
Ion Ratio Lower Upper
82 100
128 48.9 37.4 56.2
54 55.9 46.6 70.0



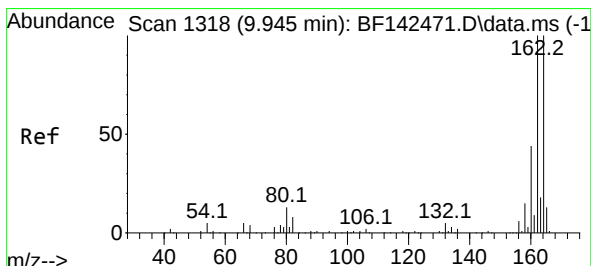
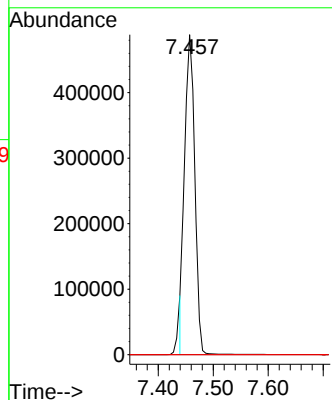
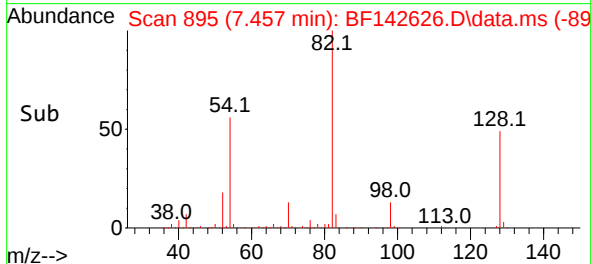


#25
Isophorone
Concen: 43.854 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.276 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Instrument :
BNA_F
ClientSampleId :

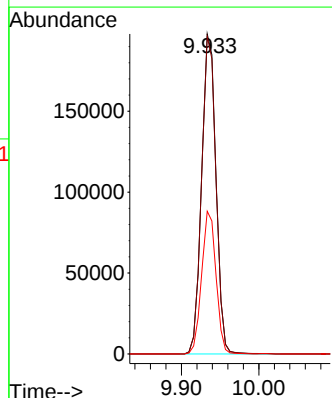
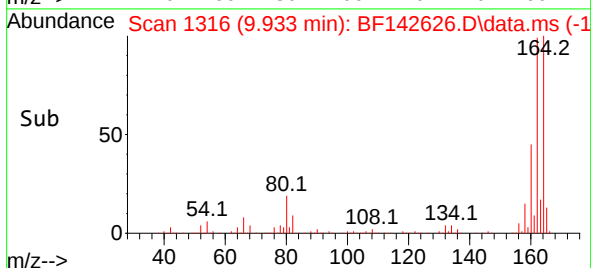
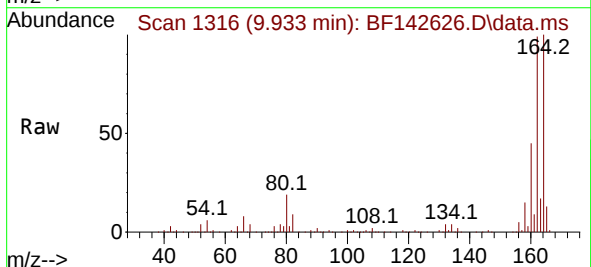


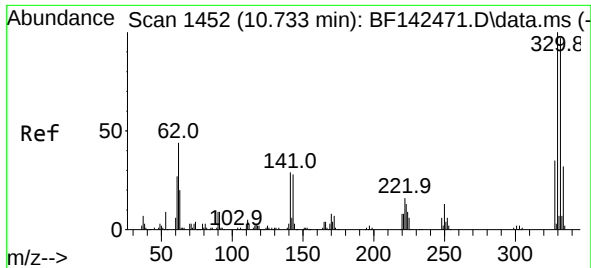
Tgt Ion: 82 Resp: 627612
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

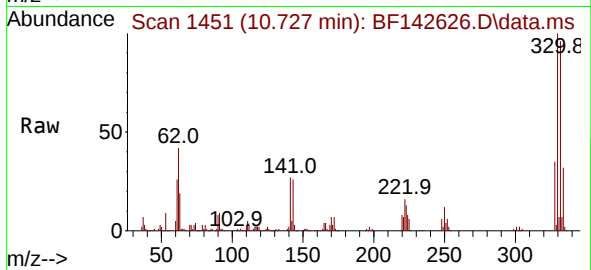
Tgt Ion:164 Resp: 253840
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.4
160 44.6 35.6 53.4



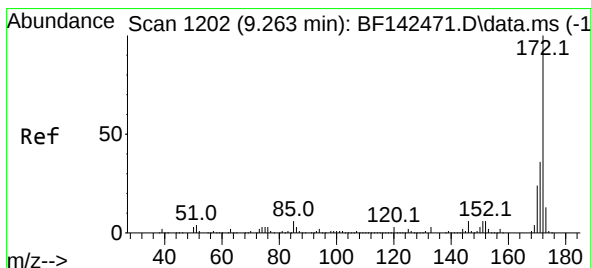
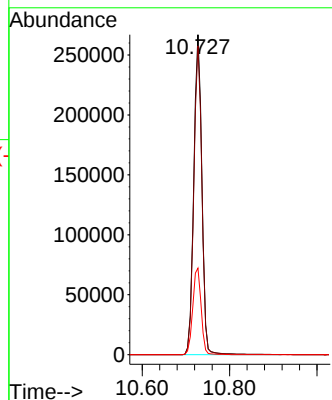
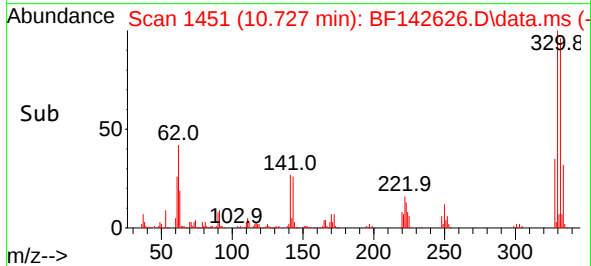


#42
 2,4,6-Tribromophenol
 Concen: 122.325 ng
 RT: 10.727 min Scan# 1451
 Delta R.T. -0.012 min
 Lab File: BF142626.D
 Acq: 05 Jun 2025 11:04

Instrument :
 BNA_F
 ClientSampleId :

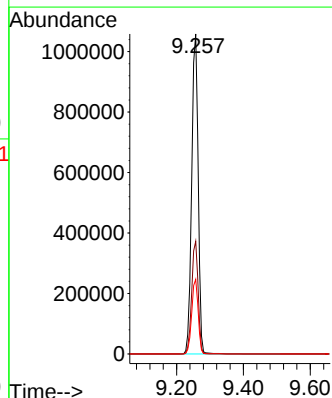
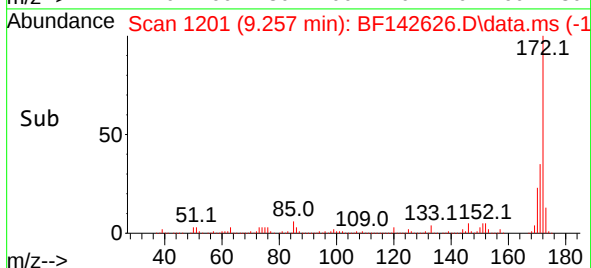
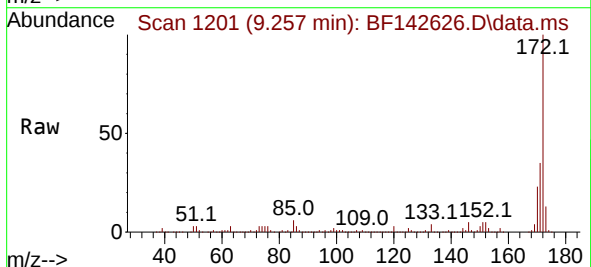


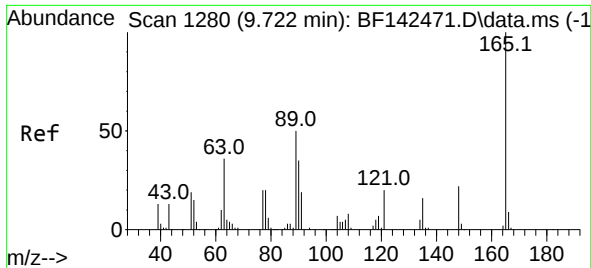
Tgt Ion:330 Resp: 344627
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.6 116.4
 141 27.9 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 75.190 ng
 RT: 9.257 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF142626.D
 Acq: 05 Jun 2025 11:04

Tgt Ion:172 Resp: 1422364
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.3 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.061 ng

RT: 9.933 min Scan# 1316

Delta R.T. 0.206 min

Lab File: BF142626.D

Acq: 05 Jun 2025 11:04

Instrument :

BNA_F

ClientSampleId :

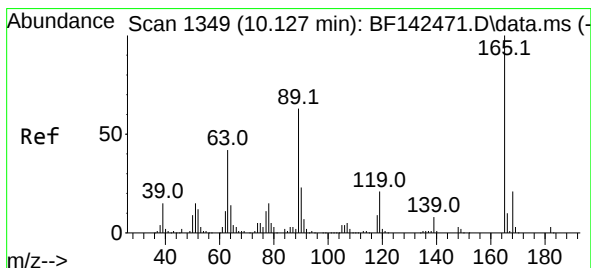
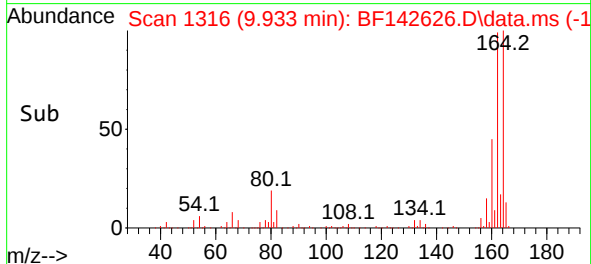
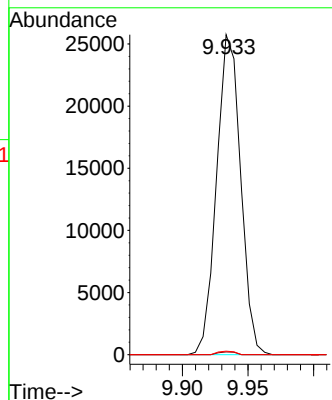
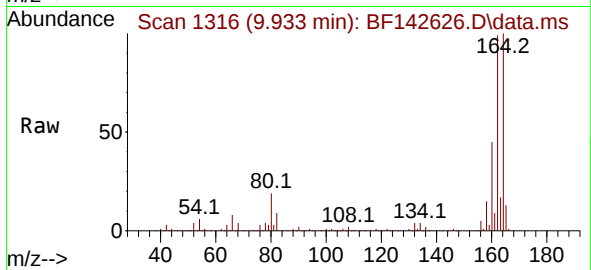
Tgt Ion:165 Resp: 32757

Ion Ratio Lower Upper

165 100

63 0.8 42.9 64.3#

89 1.1 40.2 60.4#



#57

2,4-Dinitrotoluene

Concen: 6.938 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.200 min

Lab File: BF142626.D

Acq: 05 Jun 2025 11:04

Tgt Ion:165 Resp: 32757

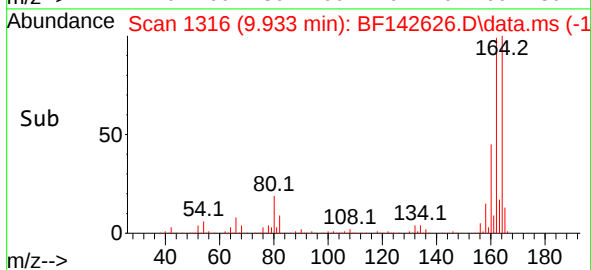
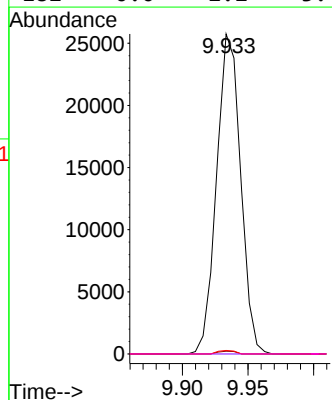
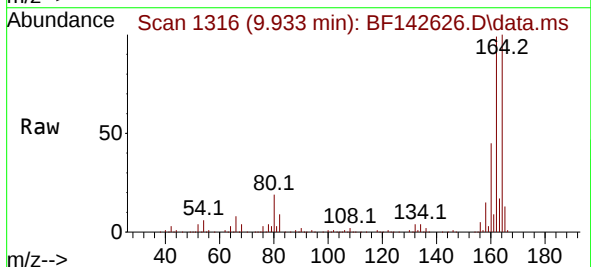
Ion Ratio Lower Upper

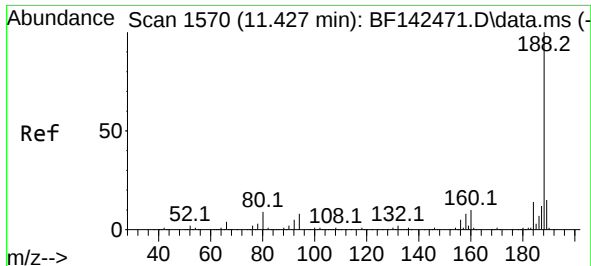
165 100

63 0.8 33.6 50.4#

89 1.1 50.2 75.4#

182 0.0 2.2 3.4#

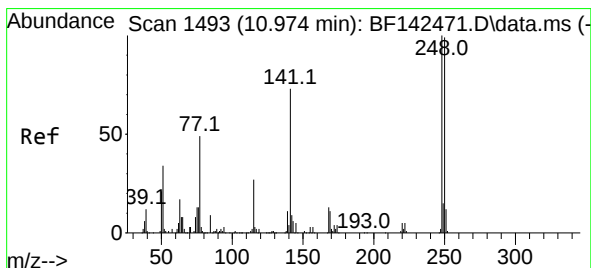
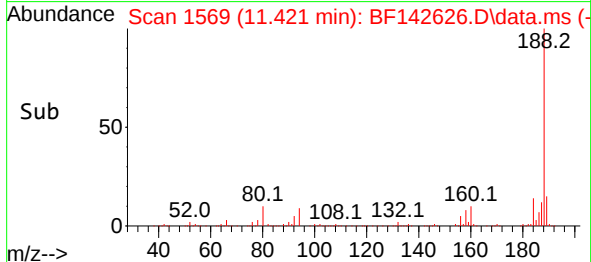
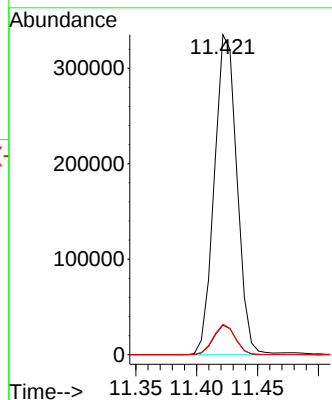
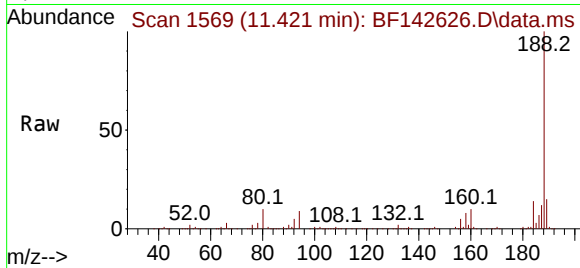




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

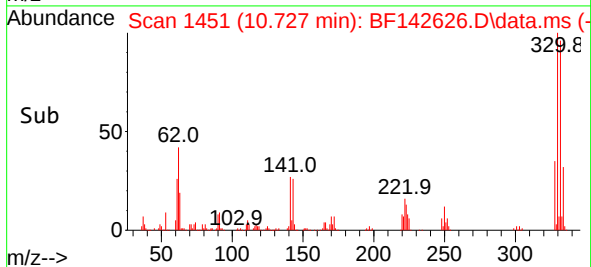
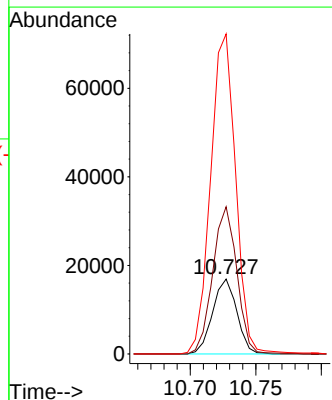
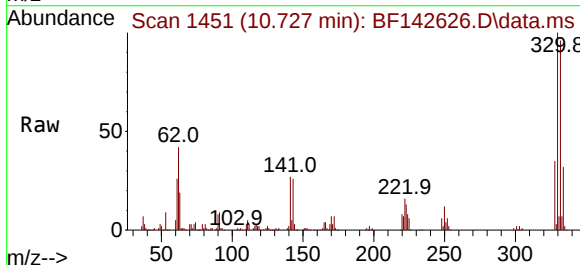
Instrument :
BNA_F
ClientSampleId :

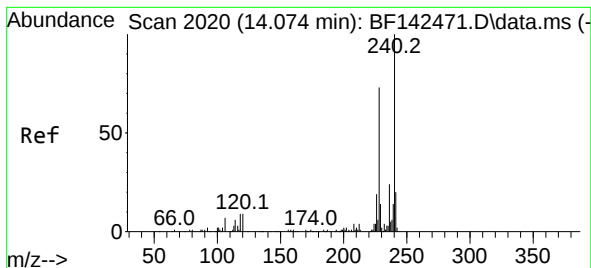
Tgt Ion:188 Resp: 433273
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.5 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 4.236 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:248 Resp: 21703
Ion Ratio Lower Upper
248 100
250 196.6 79.0 118.4#
141 427.5 58.4 87.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142626.D

Acq: 05 Jun 2025 11:04

Instrument :

BNA_F

ClientSampleId :

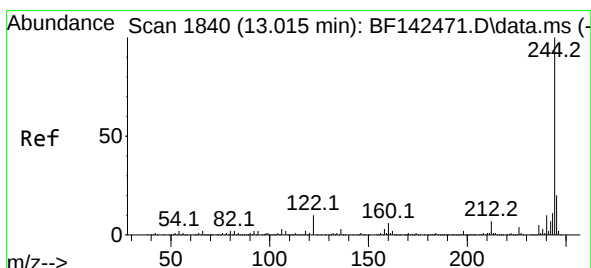
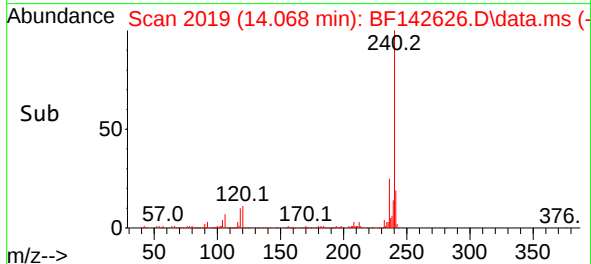
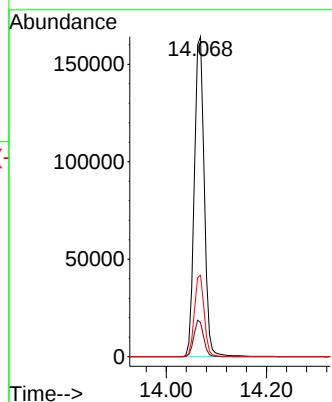
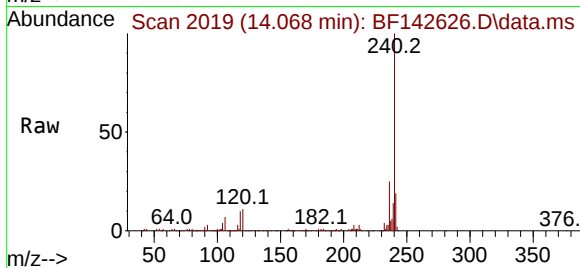
Tgt Ion:240 Resp: 225137

Ion Ratio Lower Upper

240 100

120 10.7 7.5 11.3

236 25.5 19.6 29.4



#79

Terphenyl-d14

Concen: 78.113 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142626.D

Acq: 05 Jun 2025 11:04

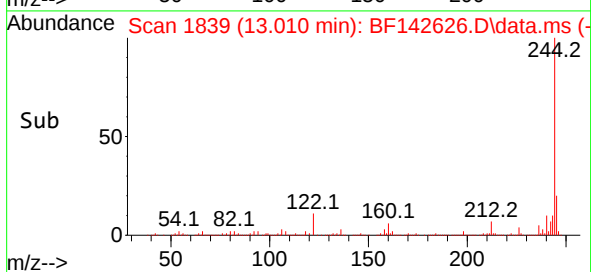
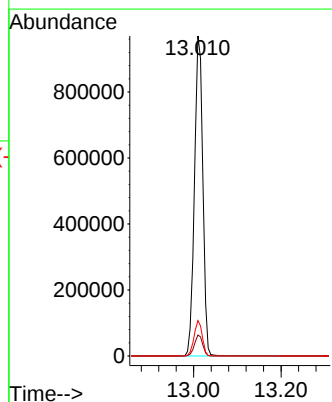
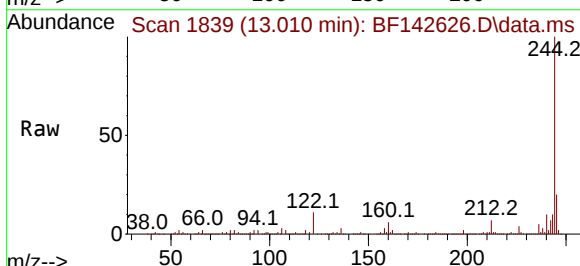
Tgt Ion:244 Resp: 1286910

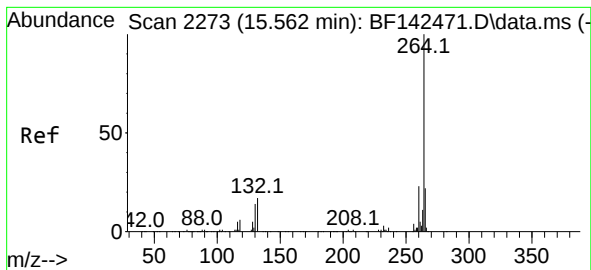
Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 11.0 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. -0.006 min

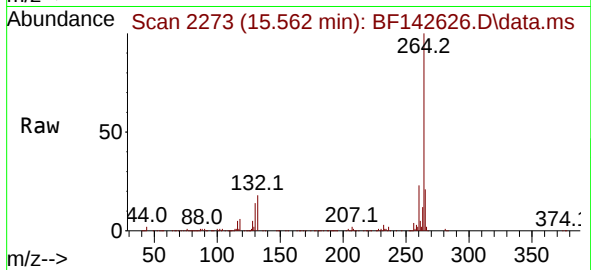
Lab File: BF142626.D

Acq: 05 Jun 2025 11:04

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 234045

Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

265 21.2 17.7 26.5

