

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142097.D
 Acq On : 26 Mar 2025 15:06
 Operator : RC/JU
 Sample : PB167275TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167275TB

Quant Time: Mar 26 15:37:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

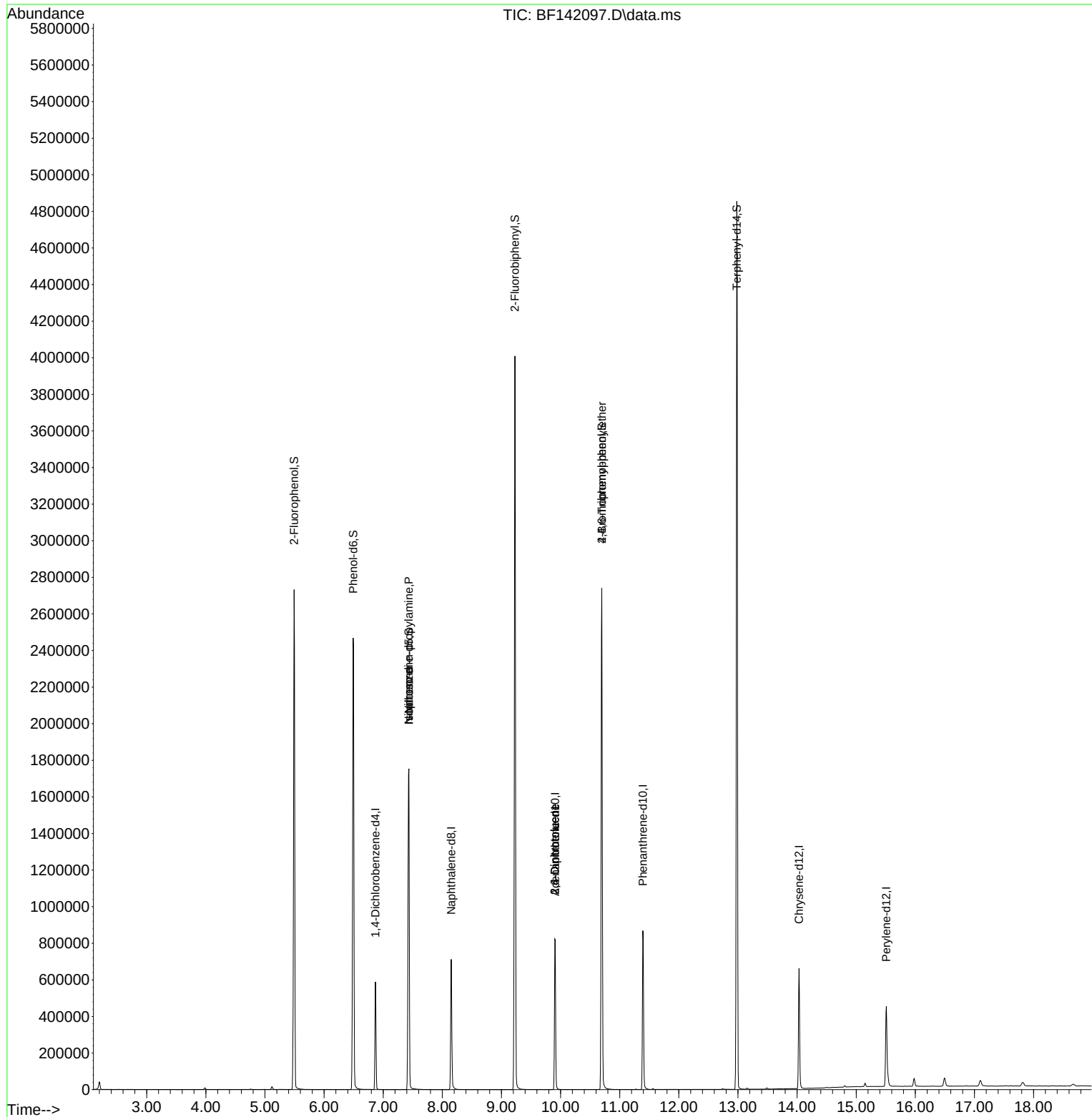
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	123691	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	480597	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	269310	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	488702	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	340590	20.000	ng	0.00
86) Perylene-d12	15.510	264	284587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1086897	146.655	ng	0.00
7) Phenol-d6	6.492	99	1302656	138.049	ng	-0.01
23) Nitrobenzene-d5	7.434	82	870420	101.923	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	549986	160.977	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1817535	102.637	ng	-0.01
79) Terphenyl-d14	12.980	244	2525984	109.649	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	122160	20.147	ng	# 77
25) Isophorone	7.434	82	860074	56.974	ng	# 64
51) 2,6-Dinitrotoluene	9.904	165	34848	8.875	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	34848	6.795	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	33315	5.428	ng	# 1

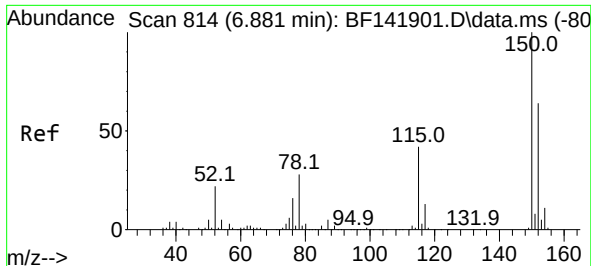
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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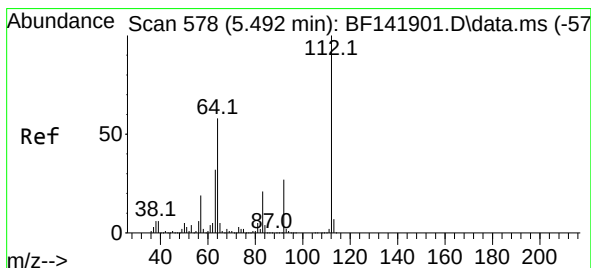
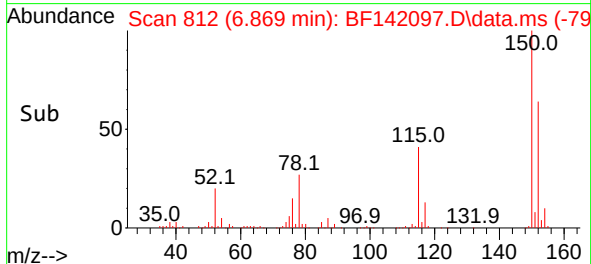
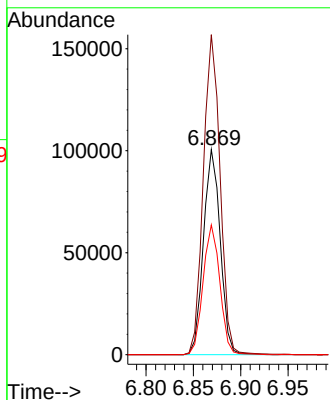
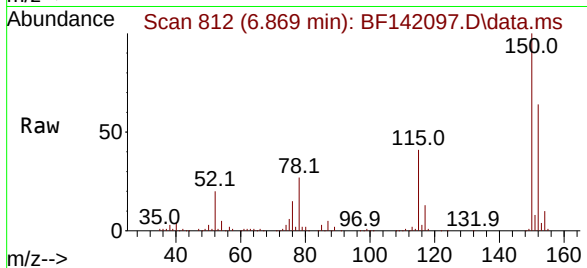




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

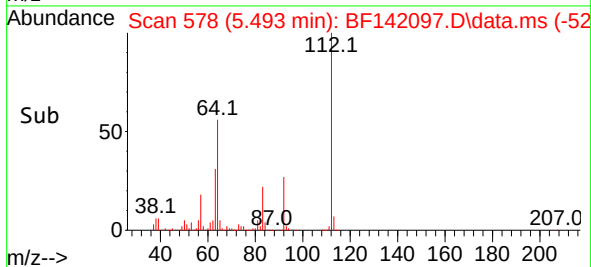
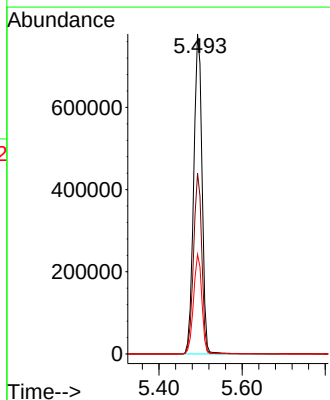
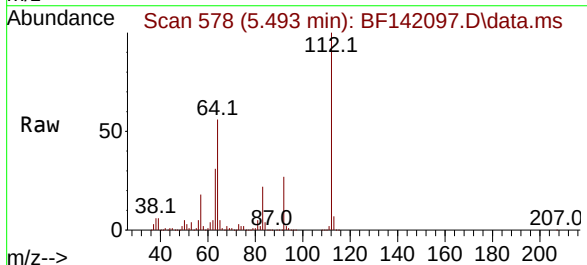
Instrument :
BNA_F
ClientSampleId :
PB167275TB

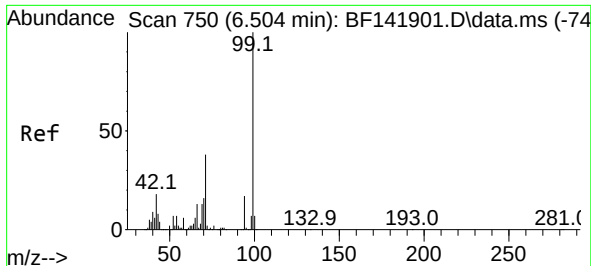
Tgt Ion:152 Resp: 123691
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 63.3 51.9 77.9



#5
2-Fluorophenol
Concen: 146.655 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion:112 Resp: 1086897
Ion Ratio Lower Upper
112 100
64 56.4 46.5 69.7
63 31.1 25.4 38.2

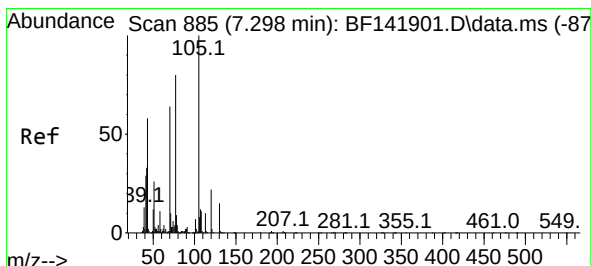
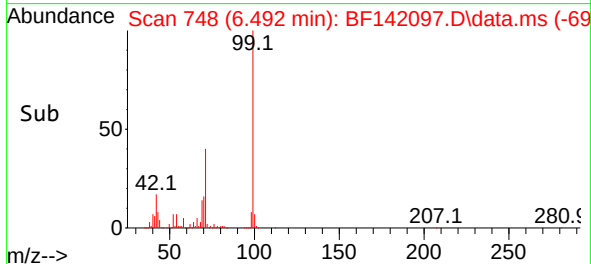
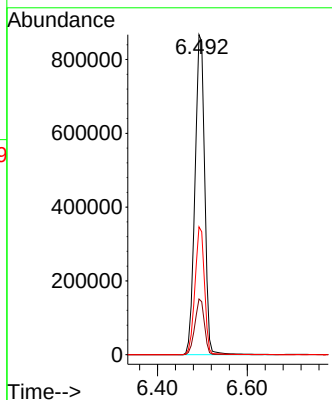
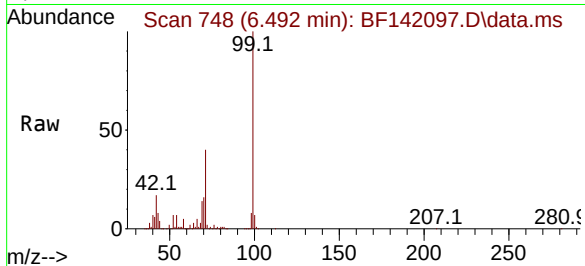




#7
Phenol-d6
Concen: 138.049 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

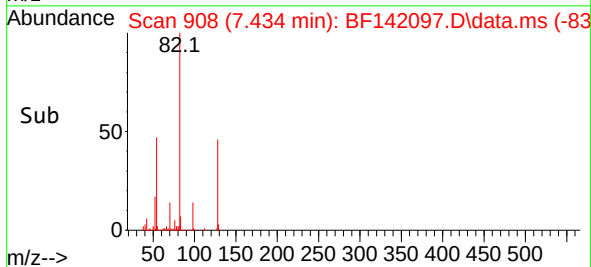
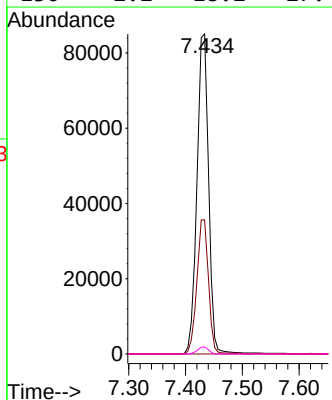
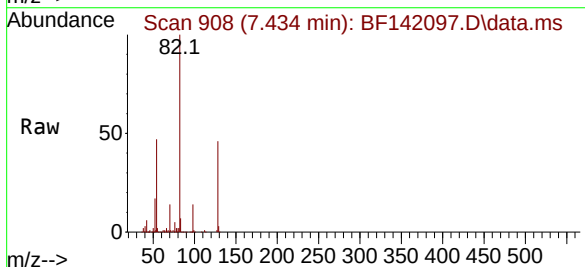
Instrument :
BNA_F
ClientSampleId :
PB167275TB

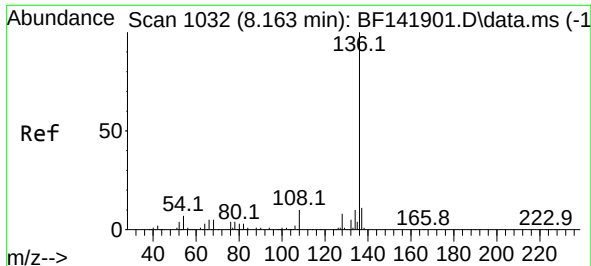
Tgt Ion: 99 Resp: 1302656
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 39.9 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.147 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion: 70 Resp: 122160
Ion Ratio Lower Upper
70 100
42 41.9 41.4 62.0
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#

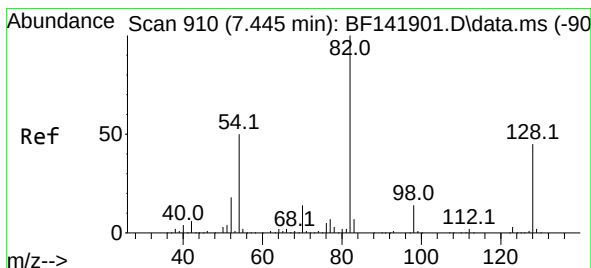
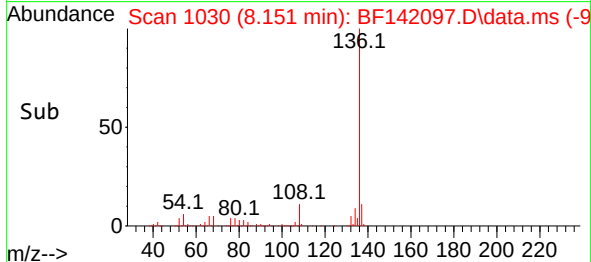
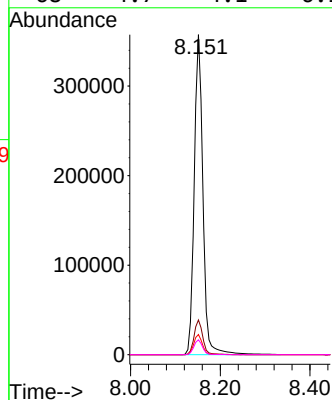
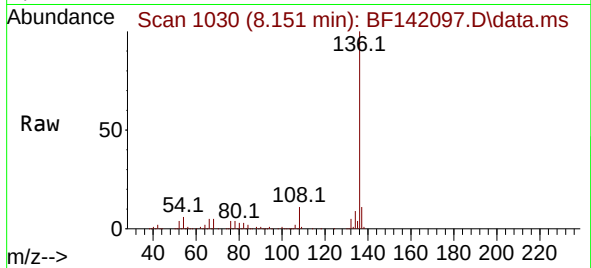




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

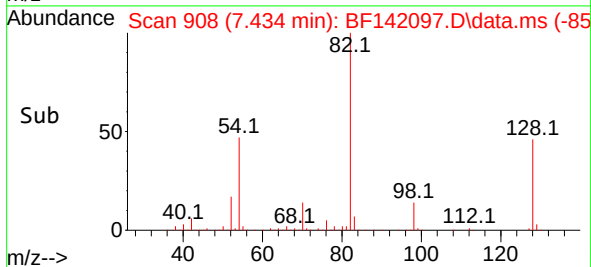
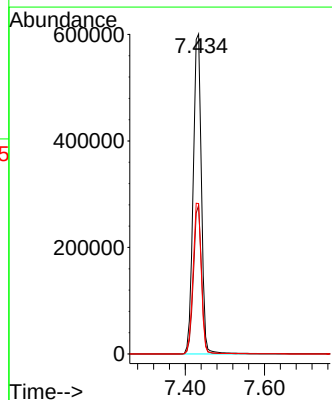
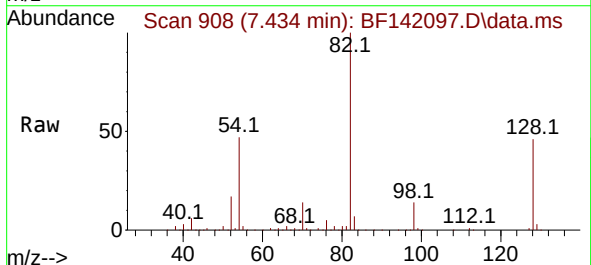
Instrument :
BNA_F
ClientSampleId :
PB167275TB

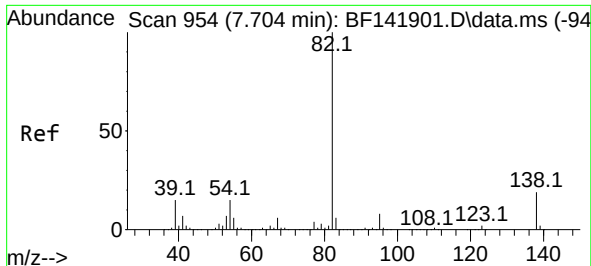
Tgt Ion:136 Resp: 480597
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.3 5.8 8.8
68 4.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 101.923 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion: 82 Resp: 870420
Ion Ratio Lower Upper
82 100
128 46.4 36.0 54.0
54 47.0 39.6 59.4

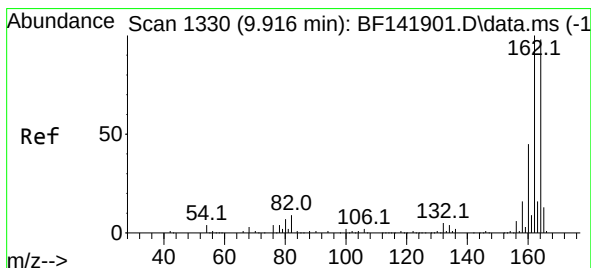
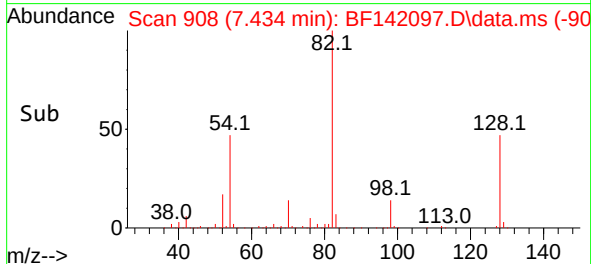
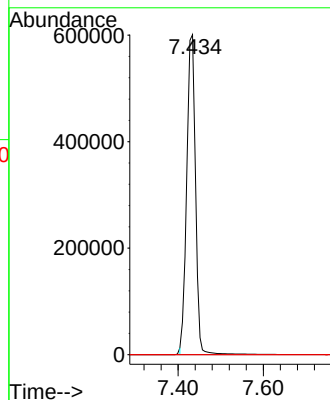
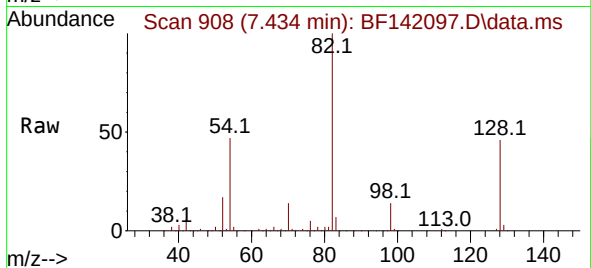




#25
Isophorone
Concen: 56.974 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

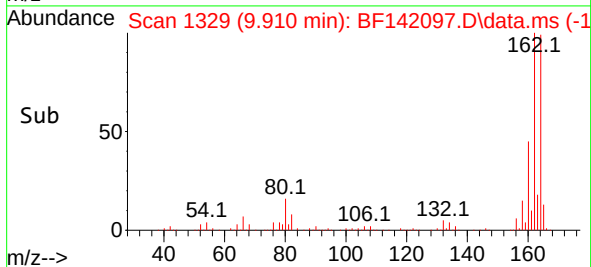
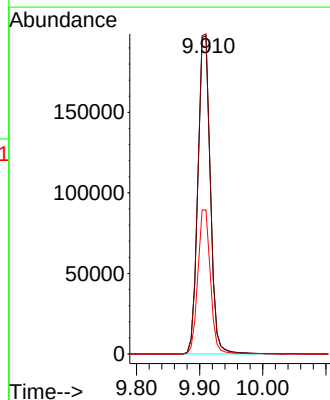
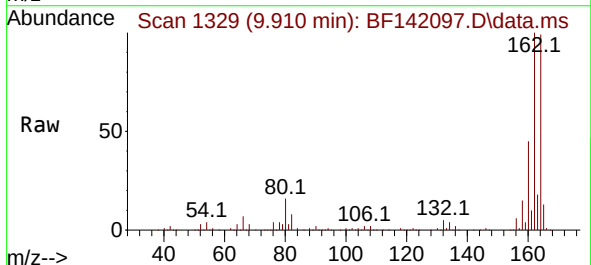
Instrument :
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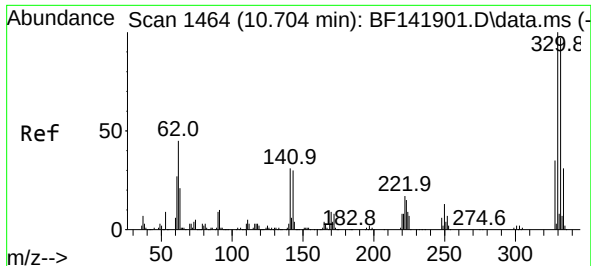
Tgt Ion: 82 Resp: 860074
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion:164 Resp: 269310
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.6
160 45.3 36.7 55.1

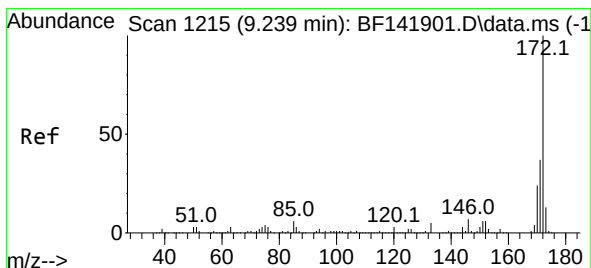
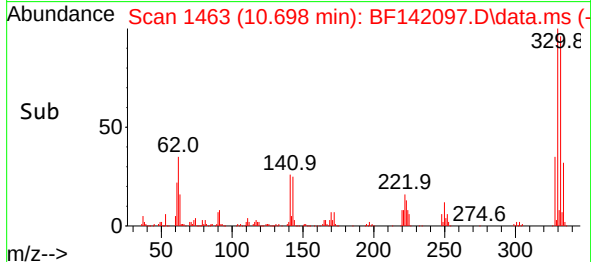
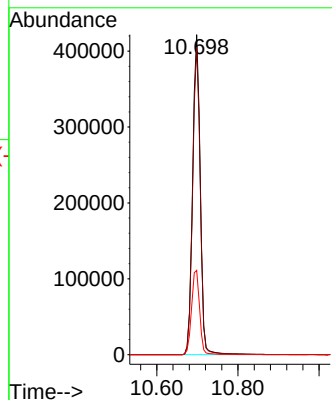
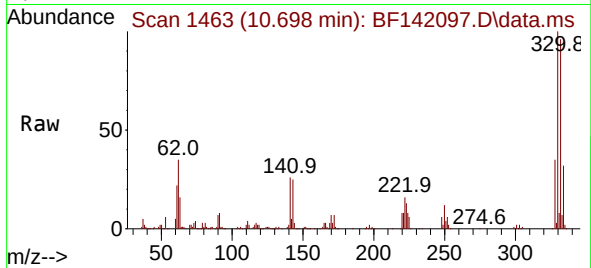




#42
2,4,6-Tribromophenol
Concen: 160.977 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

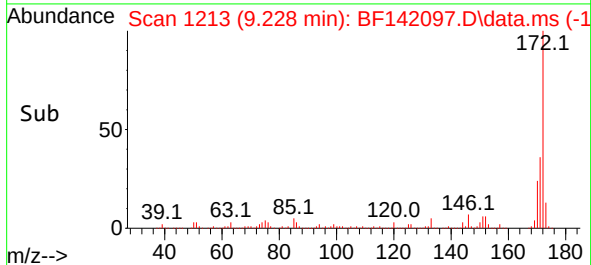
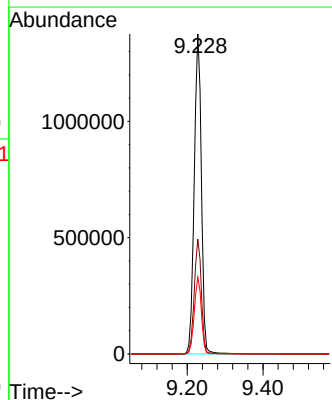
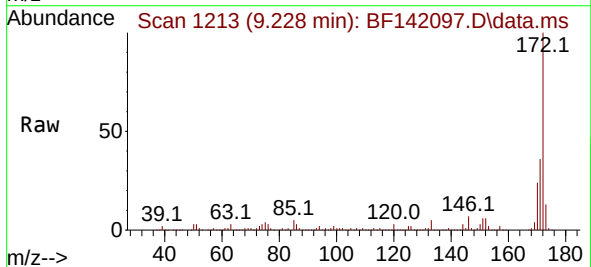
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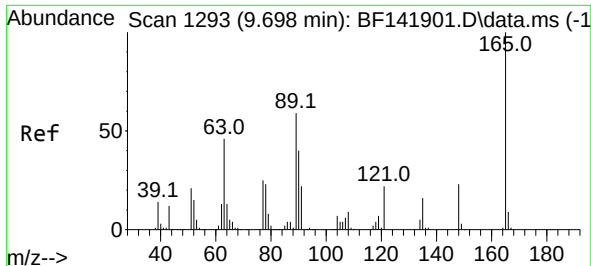
Tgt Ion:330 Resp: 549986
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 27.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 102.637 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion:172 Resp: 1817535
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 23.9 19.4 29.0

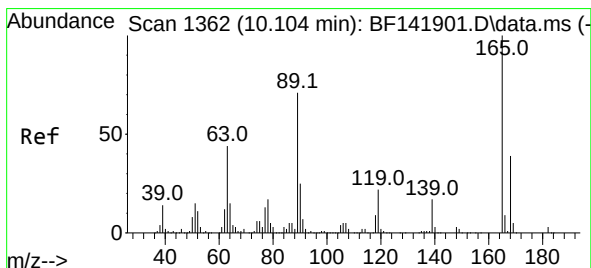
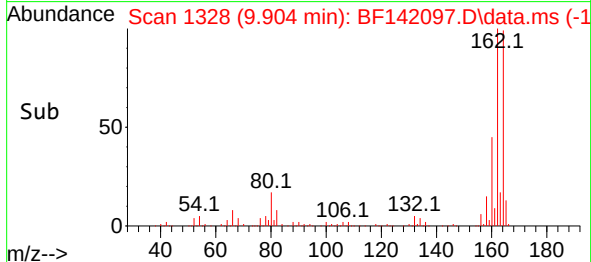
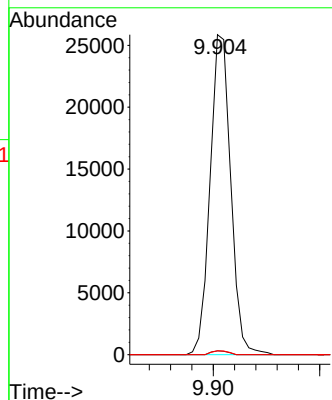
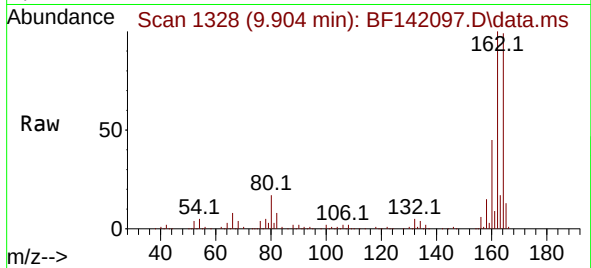




#51
2,6-Dinitrotoluene
Concen: 8.875 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

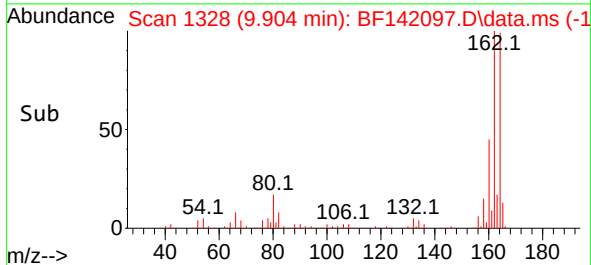
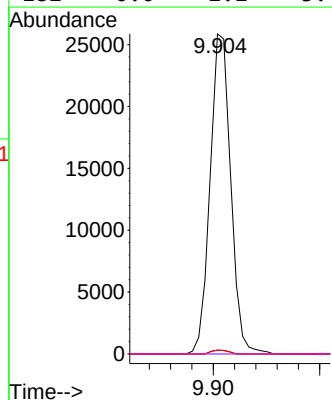
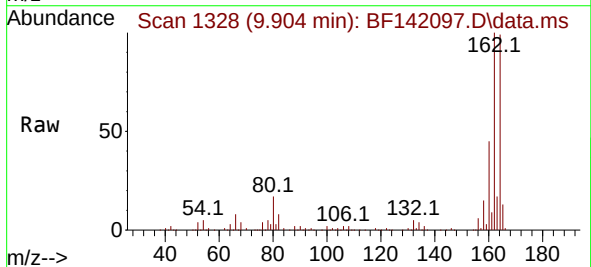
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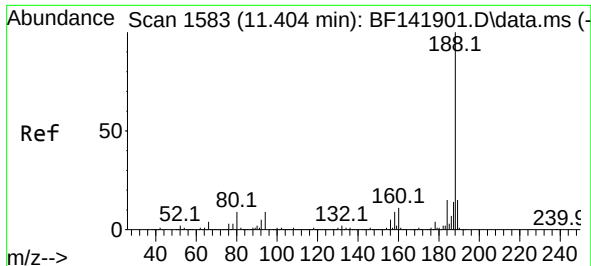
Tgt Ion:165 Resp: 34848
Ion Ratio Lower Upper
165 100
63 1.2 47.0 70.4#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.795 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion:165 Resp: 34848
Ion Ratio Lower Upper
165 100
63 1.2 35.4 53.2#
89 1.2 56.6 84.8#
182 0.0 2.2 3.4#

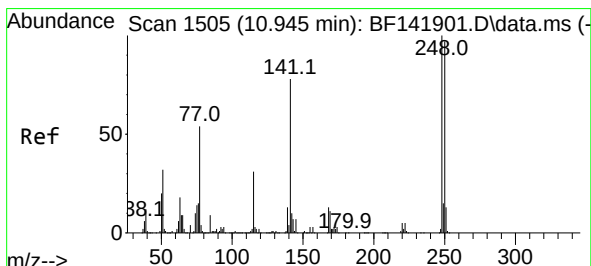
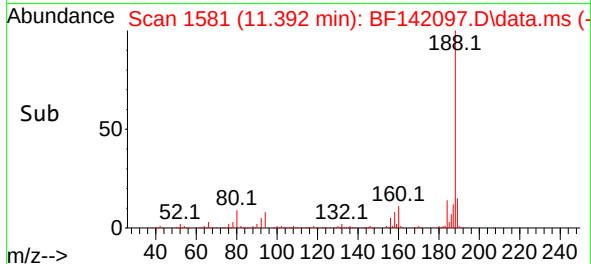
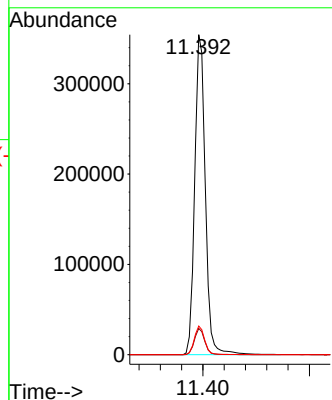
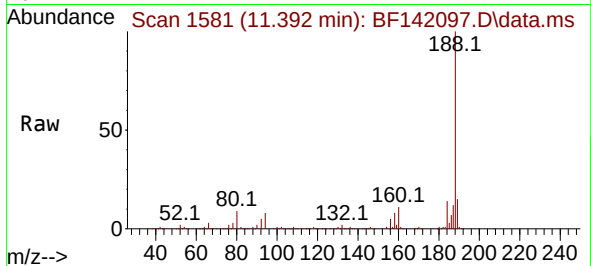




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

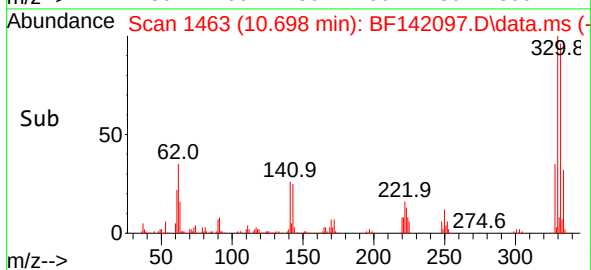
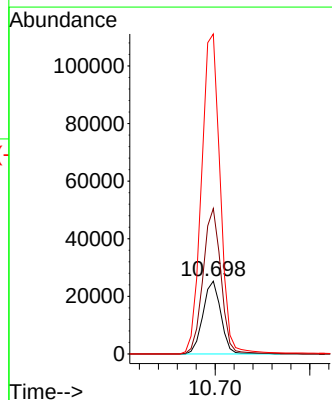
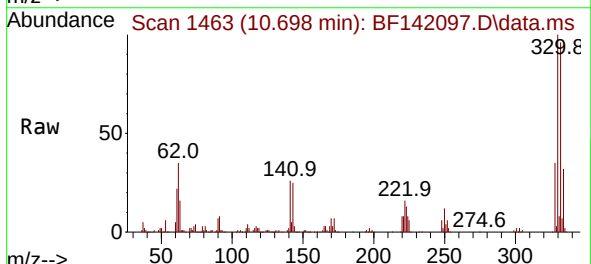
Instrument :
BNA_F
ClientSampleId :
PB167275TB

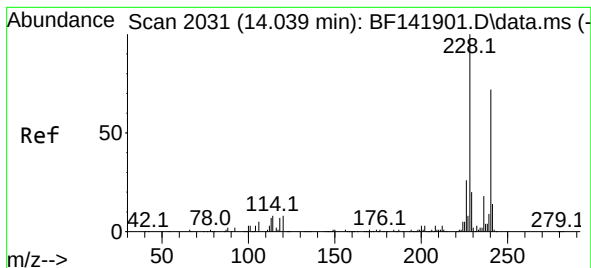
Tgt Ion:188 Resp: 488702
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.428 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion:248 Resp: 33315
Ion Ratio Lower Upper
248 100
250 199.7 77.8 116.8#
141 439.2 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF142097.D

Acq: 26 Mar 2025 15:06

Instrument :

BNA_F

ClientSampleId :

PB167275TB

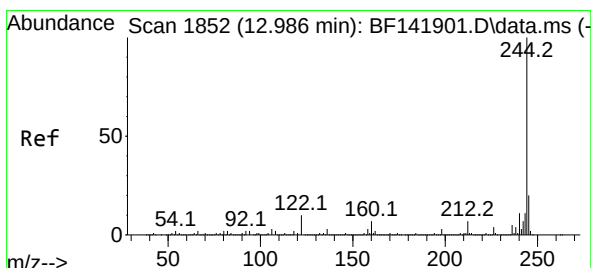
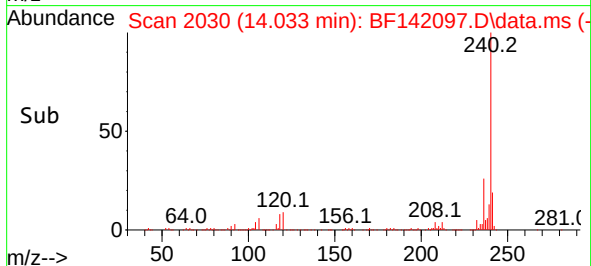
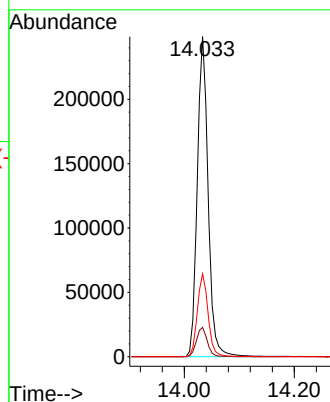
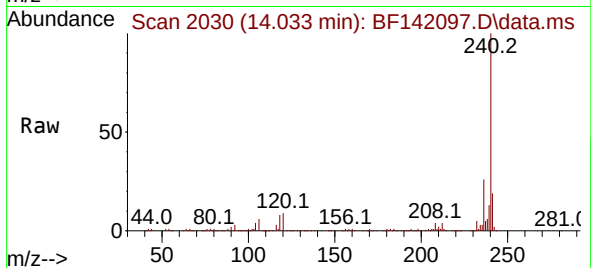
Tgt Ion:240 Resp: 340590

Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

236 25.9 20.5 30.7



#79

Terphenyl-d14

Concen: 109.649 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142097.D

Acq: 26 Mar 2025 15:06

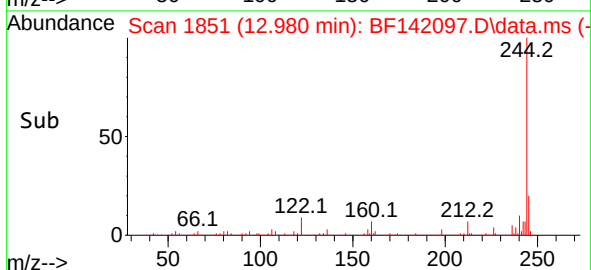
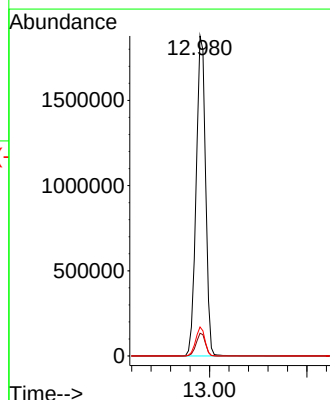
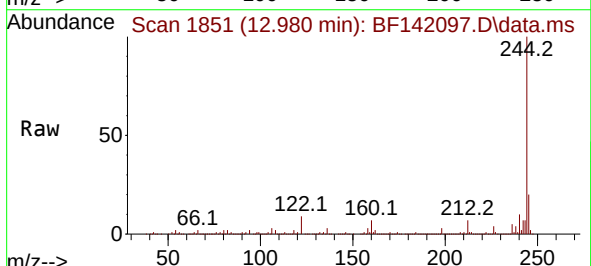
Tgt Ion:244 Resp: 2525984

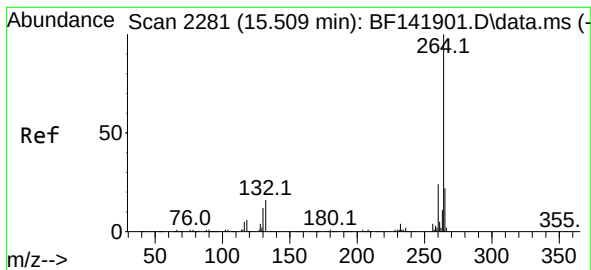
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.0 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142097.D

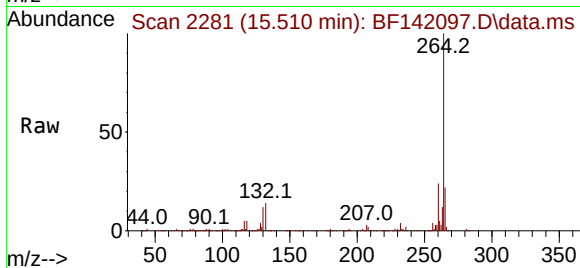
Acq: 26 Mar 2025 15:06

Instrument :

BNA_F

ClientSampleId :

PB167275TB



Tgt Ion:264 Resp: 284587

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.5 17.5 26.3

