

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142614.D
 Acq On : 04 Jun 2025 18:47
 Operator : RC/JU
 Sample : Q2173-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 01:26:17 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)

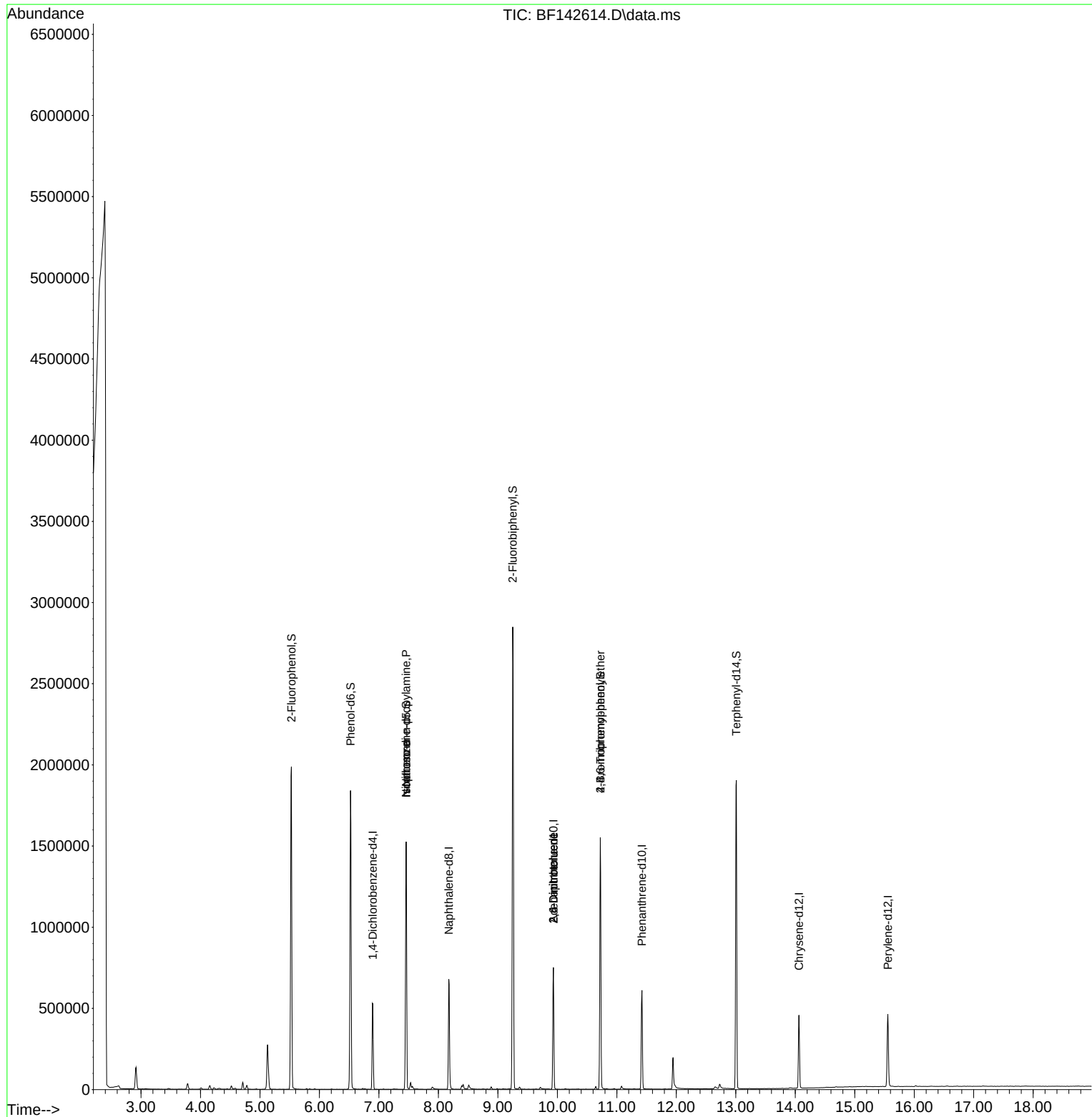
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	121078	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	450379	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	225674	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	315686	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	216925	20.000	ng	-0.01
86) Perylene-d12	15.557	264	267402	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	812725	113.088	ng	0.01
7) Phenol-d6	6.522	99	889245	102.790	ng	-0.01
23) Nitrobenzene-d5	7.457	82	658146	79.684	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	280577	112.020	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1309800	77.881	ng	-0.02
79) Terphenyl-d14	13.010	244	973049	61.298	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	87951	16.404	ng	# 76
25) Isophorone	7.457	82	646296	46.802	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	28865	8.981	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	28865	6.877	ng	# 28
67) 4-Bromophenyl-phenylether	10.722	248	17533	4.697	ng	# 1

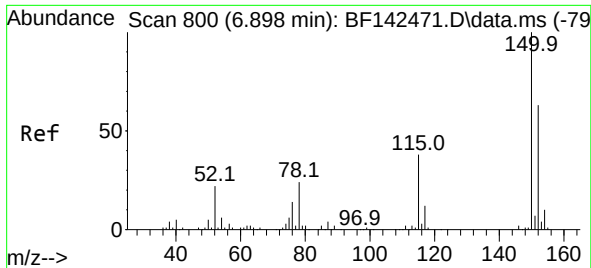
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
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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

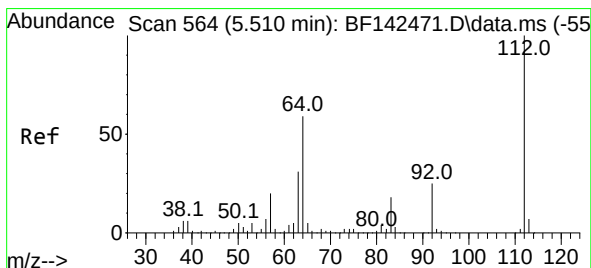
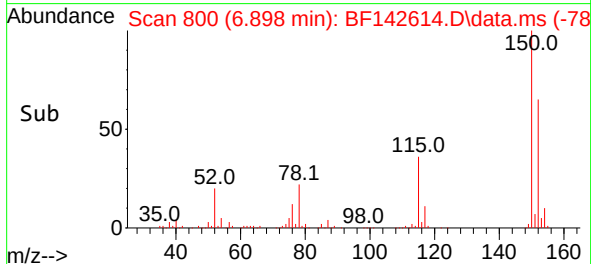
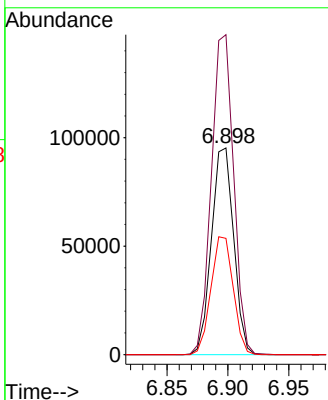
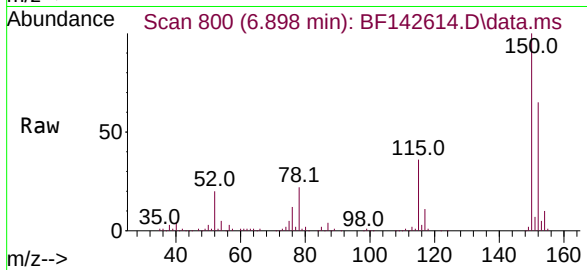




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

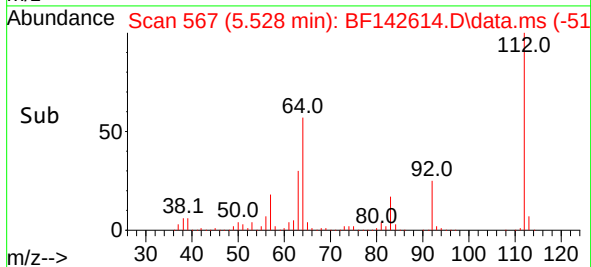
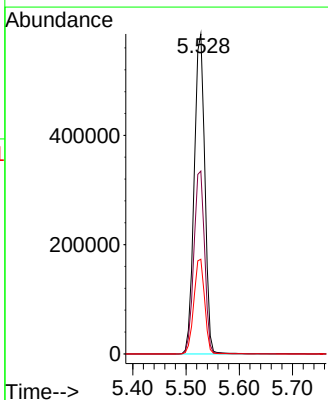
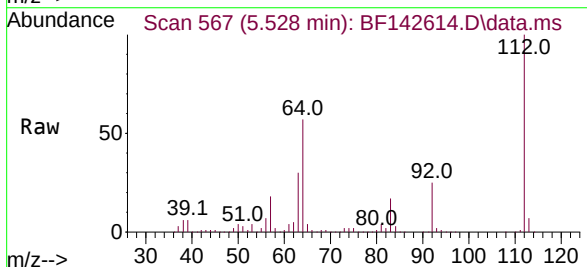
Instrument :
BNA_F
ClientSampleId :

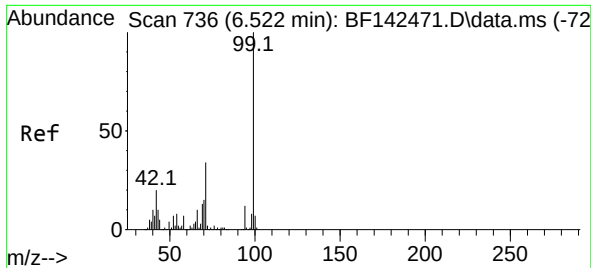
Tgt Ion:152 Resp: 121078
Ion Ratio Lower Upper
152 100
150 154.9 128.2 192.4
115 56.3 48.3 72.5



#5
2-Fluorophenol
Concen: 113.088 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

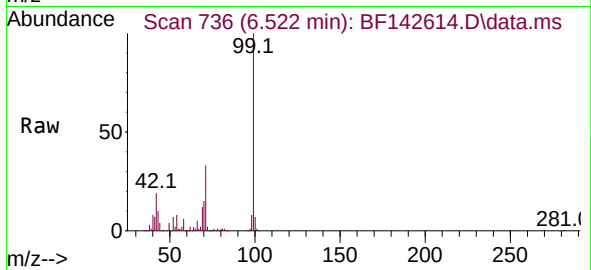
Tgt Ion:112 Resp: 812725
Ion Ratio Lower Upper
112 100
64 57.1 47.5 71.3
63 29.6 24.9 37.3



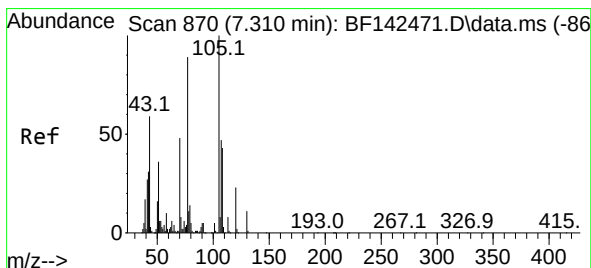
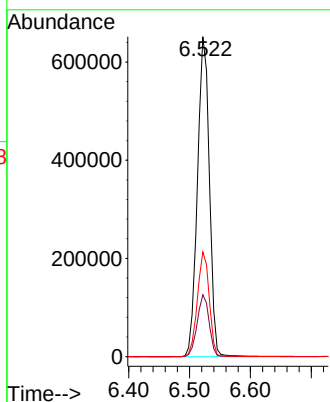
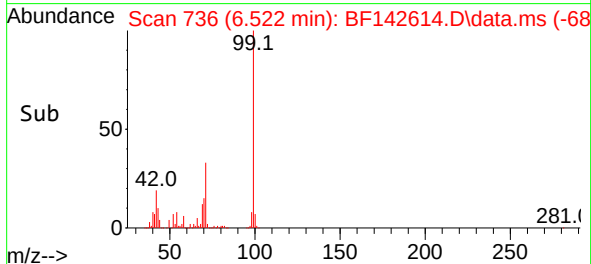


#7
Phenol-d6
Concen: 102.790 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

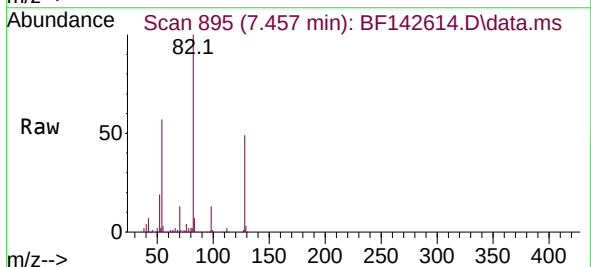
Instrument :
BNA_F
ClientSampleId :



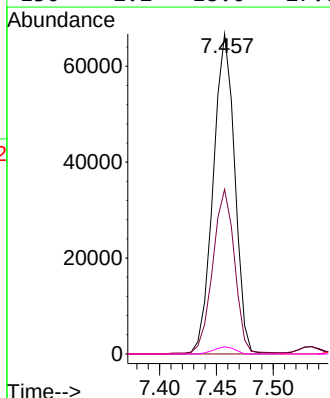
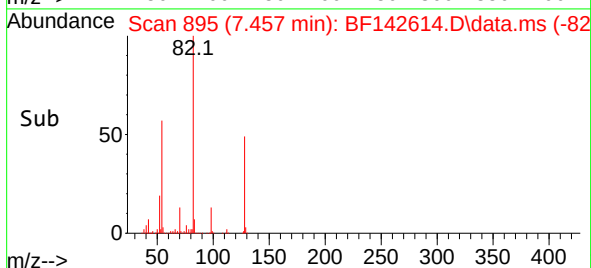
Tgt Ion:	99	Resp:	889245
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.2	24.2
71	32.7	27.3	40.9

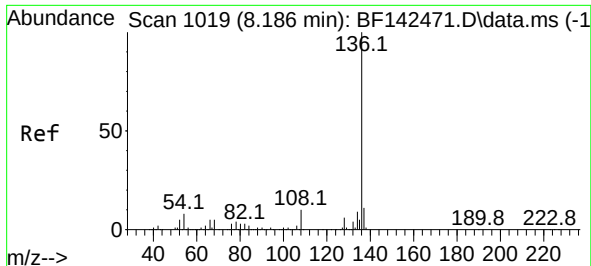


#19
n-Nitroso-di-n-propylamine
Concen: 16.404 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47



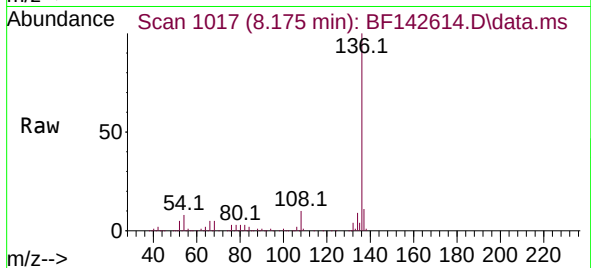
Tgt Ion:	70	Resp:	87951
Ion	Ratio	Lower	Upper
70	100		
42	51.4	52.4	78.6#
101	0.0	7.8	11.8#
130	2.2	18.0	27.0#



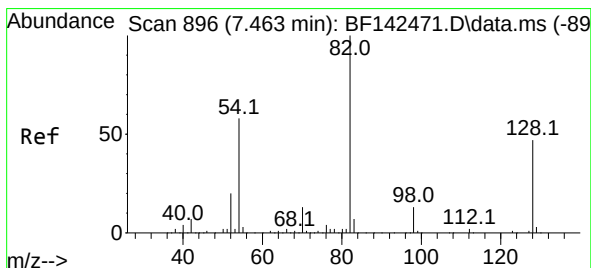
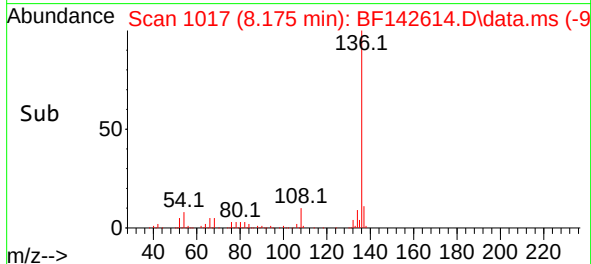
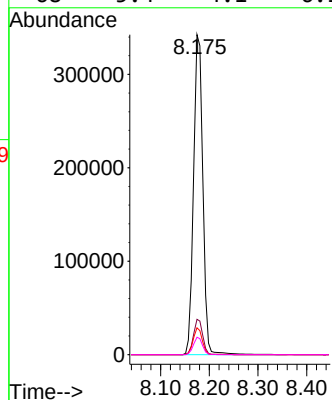


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

Instrument :
BNA_F
ClientSampleId :

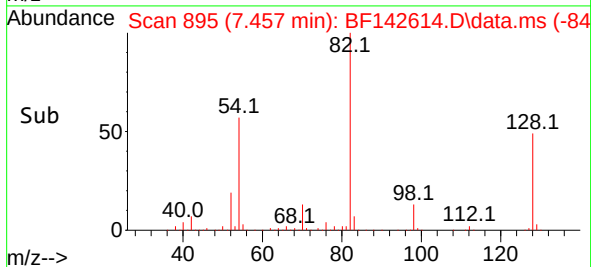
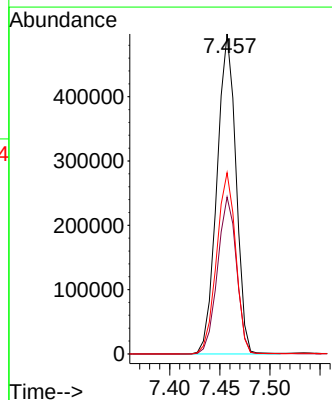
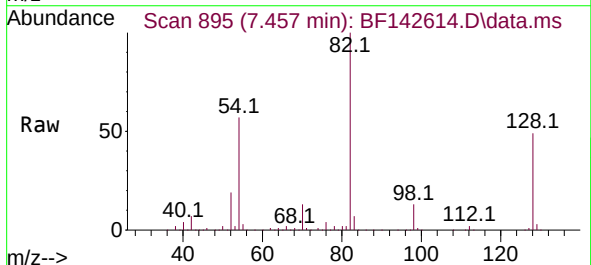


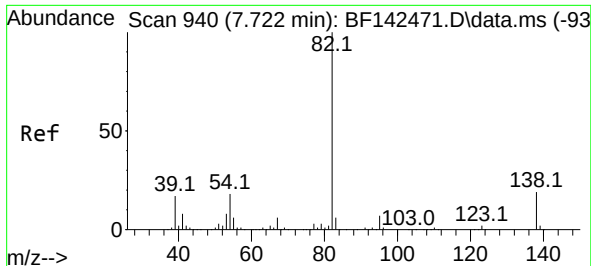
Tgt Ion:136 Resp: 450379
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 6.6 10.0
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 79.684 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

Tgt Ion: 82 Resp: 658146
Ion Ratio Lower Upper
82 100
128 49.0 37.4 56.2
54 56.6 46.6 70.0

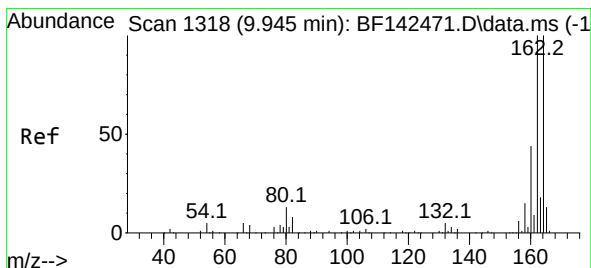
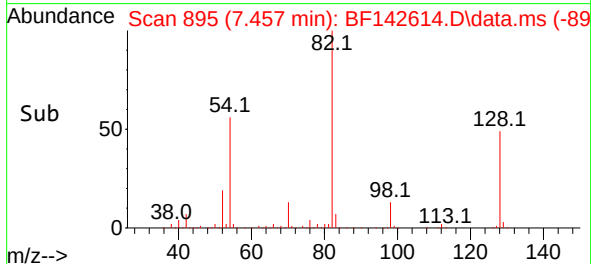
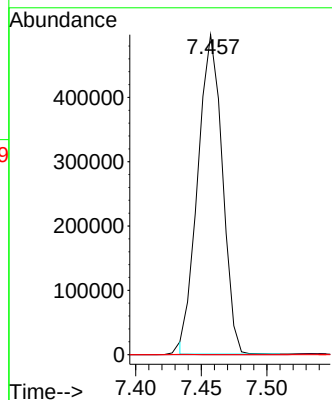
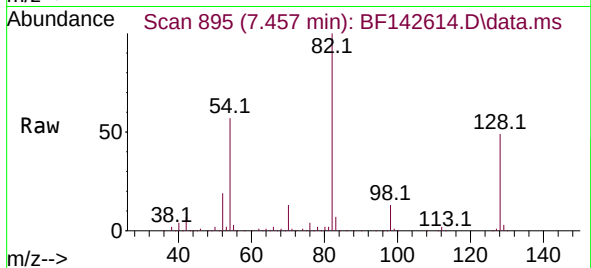




#25
Isophorone
Concen: 46.802 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

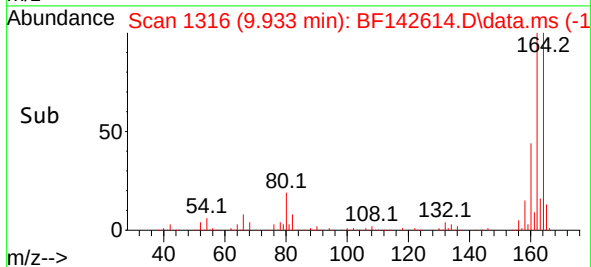
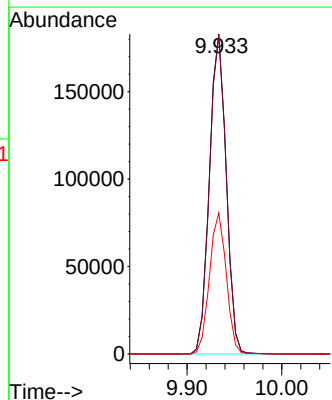
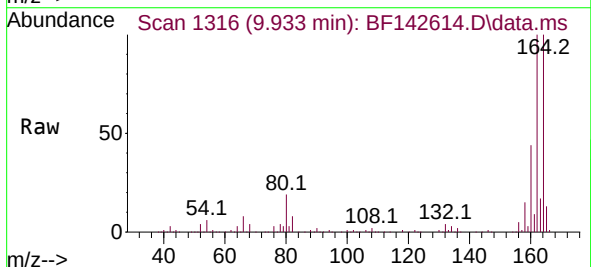
Instrument :
BNA_F
ClientSampleId :

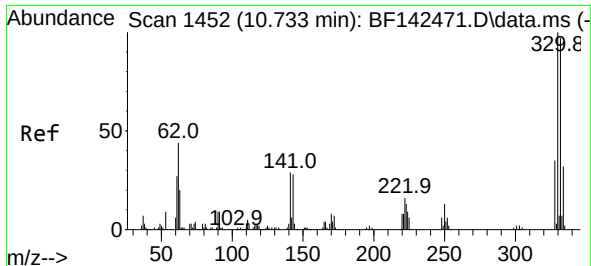
Tgt Ion: 82 Resp: 646296
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

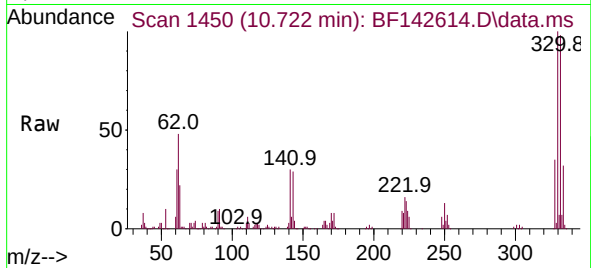
Tgt Ion:164 Resp: 225674
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.4
160 44.1 35.6 53.4



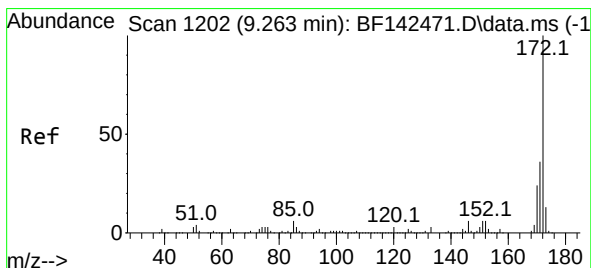
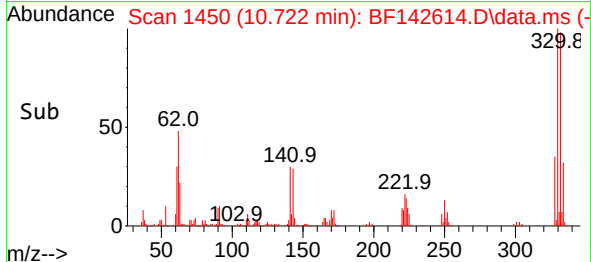
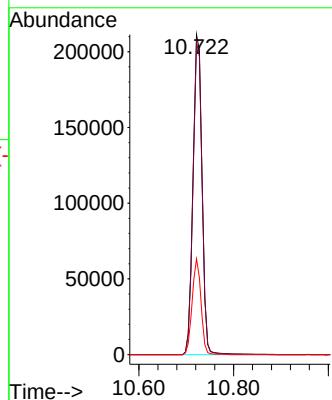


#42
 2,4,6-Tribromophenol
 Concen: 112.020 ng
 RT: 10.722 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF142614.D
 Acq: 04 Jun 2025 18:47

Instrument :
 BNA_F
 ClientSampleId :

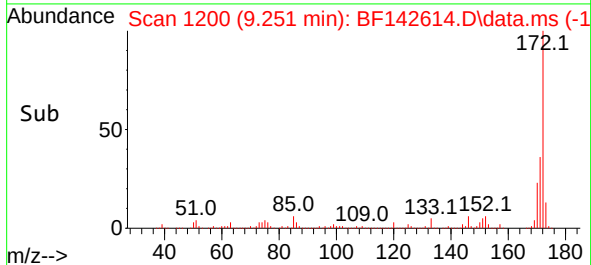
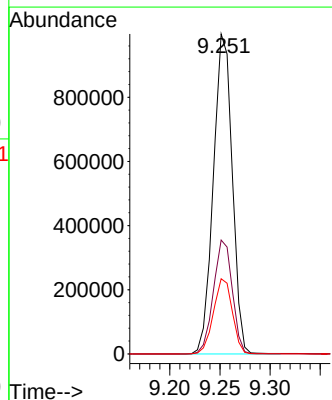
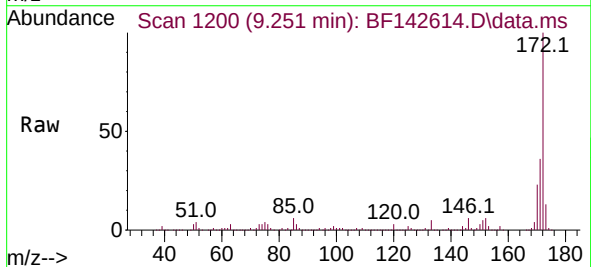


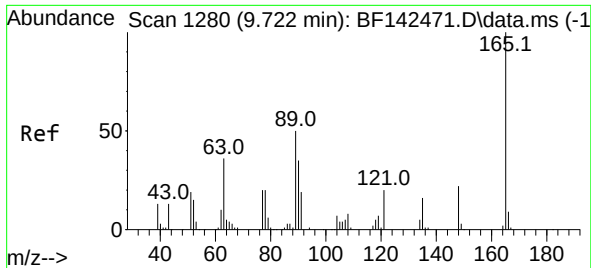
Tgt Ion: 330 Resp: 280577
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.6 116.4
 141 29.1 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 77.881 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.017 min
 Lab File: BF142614.D
 Acq: 04 Jun 2025 18:47

Tgt Ion: 172 Resp: 1309800
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.5 18.9 28.3

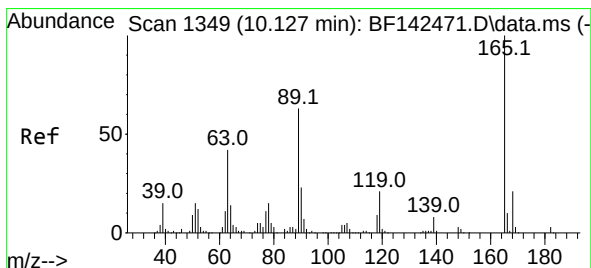
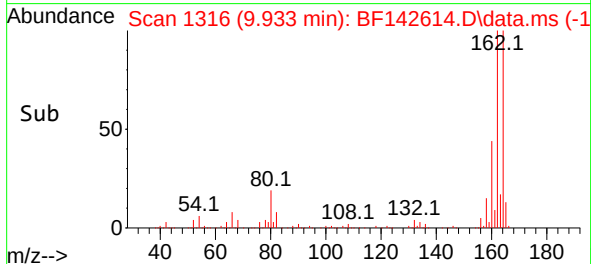
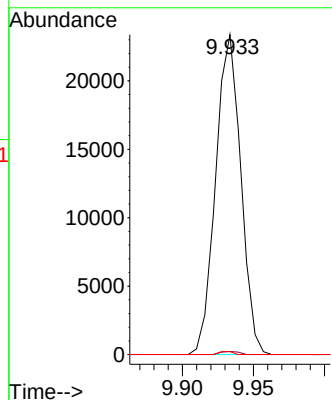
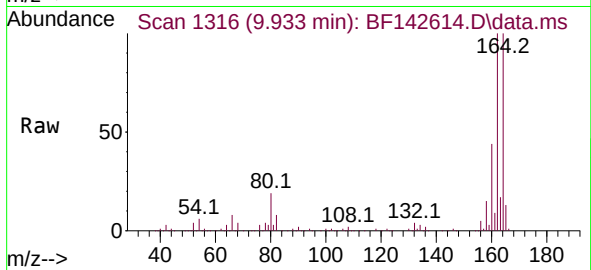




#51
2,6-Dinitrotoluene
Concen: 8.981 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

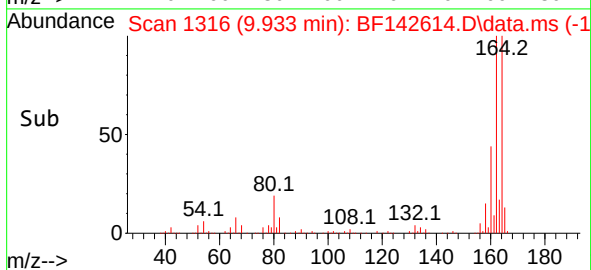
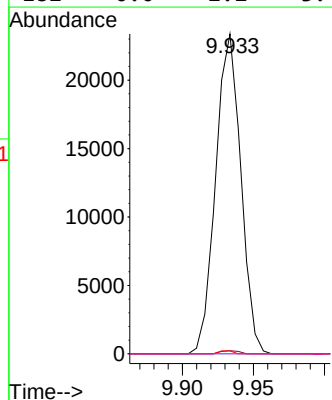
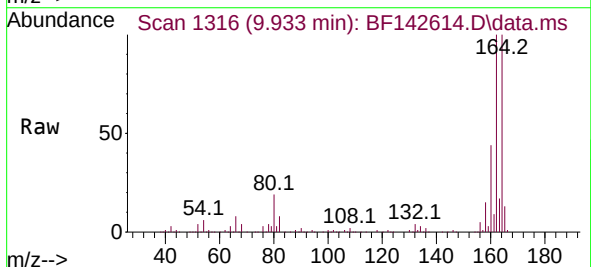
Instrument :
BNA_F
ClientSampleId :

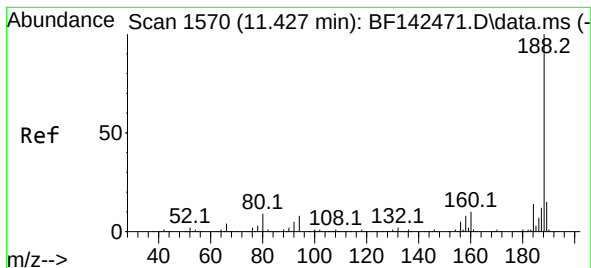
Tgt Ion:165 Resp: 28865
Ion Ratio Lower Upper
165 100
63 1.0 42.9 64.3#
89 0.9 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.877 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

Tgt Ion:165 Resp: 28865
Ion Ratio Lower Upper
165 100
63 1.0 33.6 50.4#
89 0.9 50.2 75.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142614.D

Acq: 04 Jun 2025 18:47

Instrument :

BNA_F

ClientSampleId :

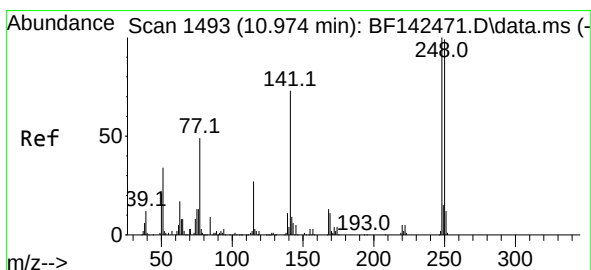
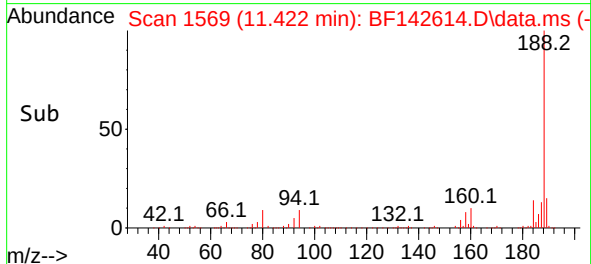
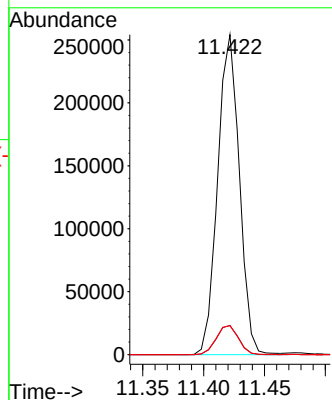
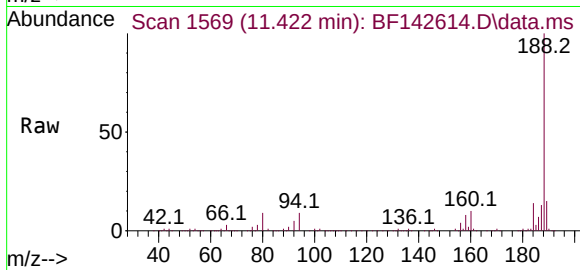
Tgt Ion:188 Resp: 315686

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.0 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.697 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF142614.D

Acq: 04 Jun 2025 18:47

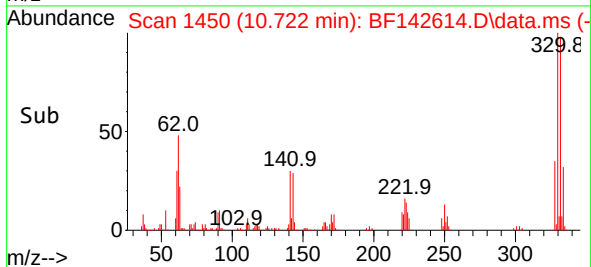
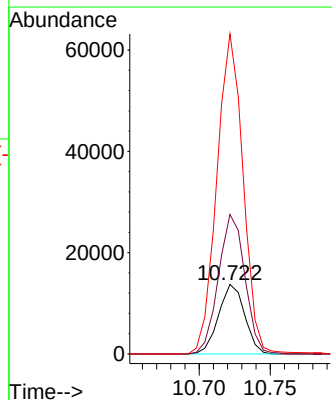
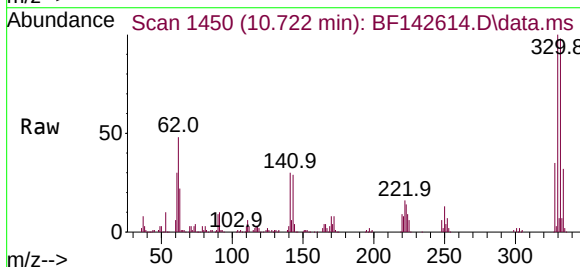
Tgt Ion:248 Resp: 17533

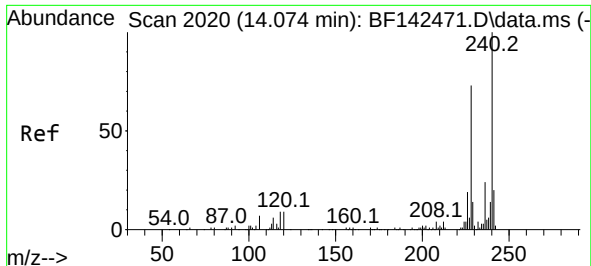
Ion Ratio Lower Upper

248 100

250 200.7 79.0 118.4#

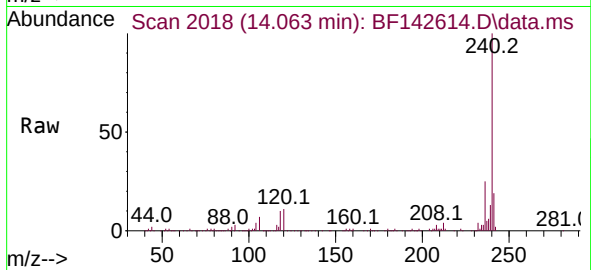
141 460.3 58.4 87.6#



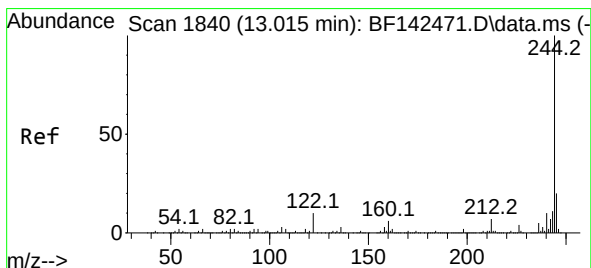
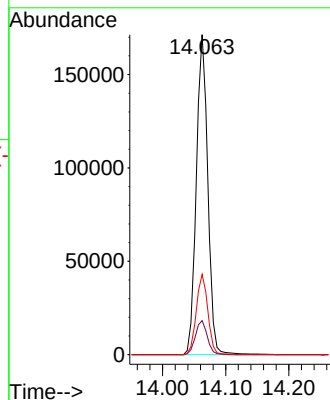
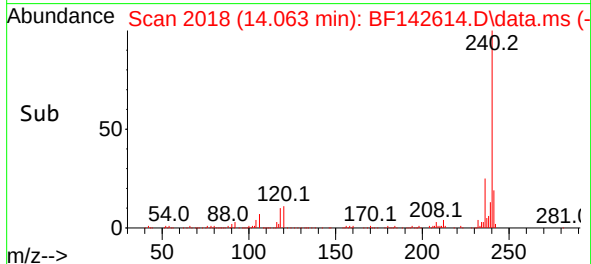


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

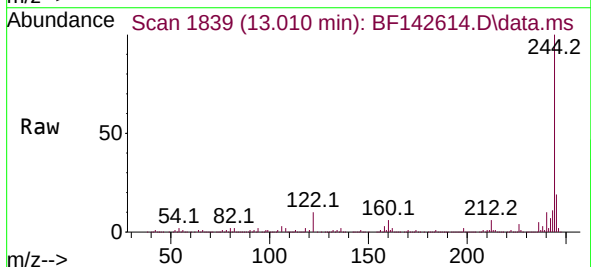
Instrument :
BNA_F
ClientSampleId :



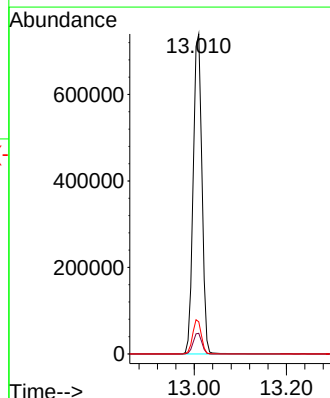
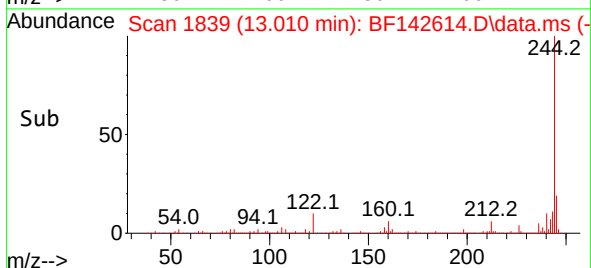
Tgt Ion:240 Resp: 216925
Ion Ratio Lower Upper
240 100
120 10.6 7.5 11.3
236 25.1 19.6 29.4

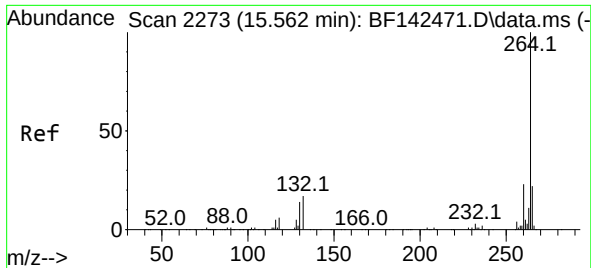


#79
Terphenyl-d14
Concen: 61.298 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47



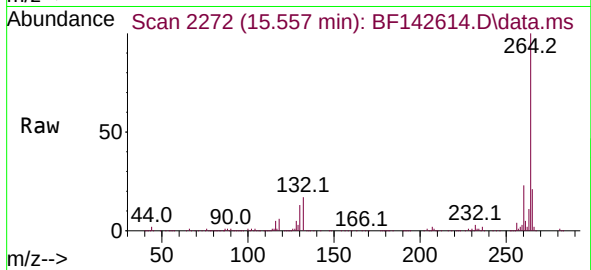
Tgt Ion:244 Resp: 973049
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 10.0 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142614.D
Acq: 04 Jun 2025 18:47

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 267402
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.2 17.7 26.5

