

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142628.D
 Acq On : 05 Jun 2025 12:08
 Operator : RC/JU
 Sample : Q2194-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 12:42:40 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)

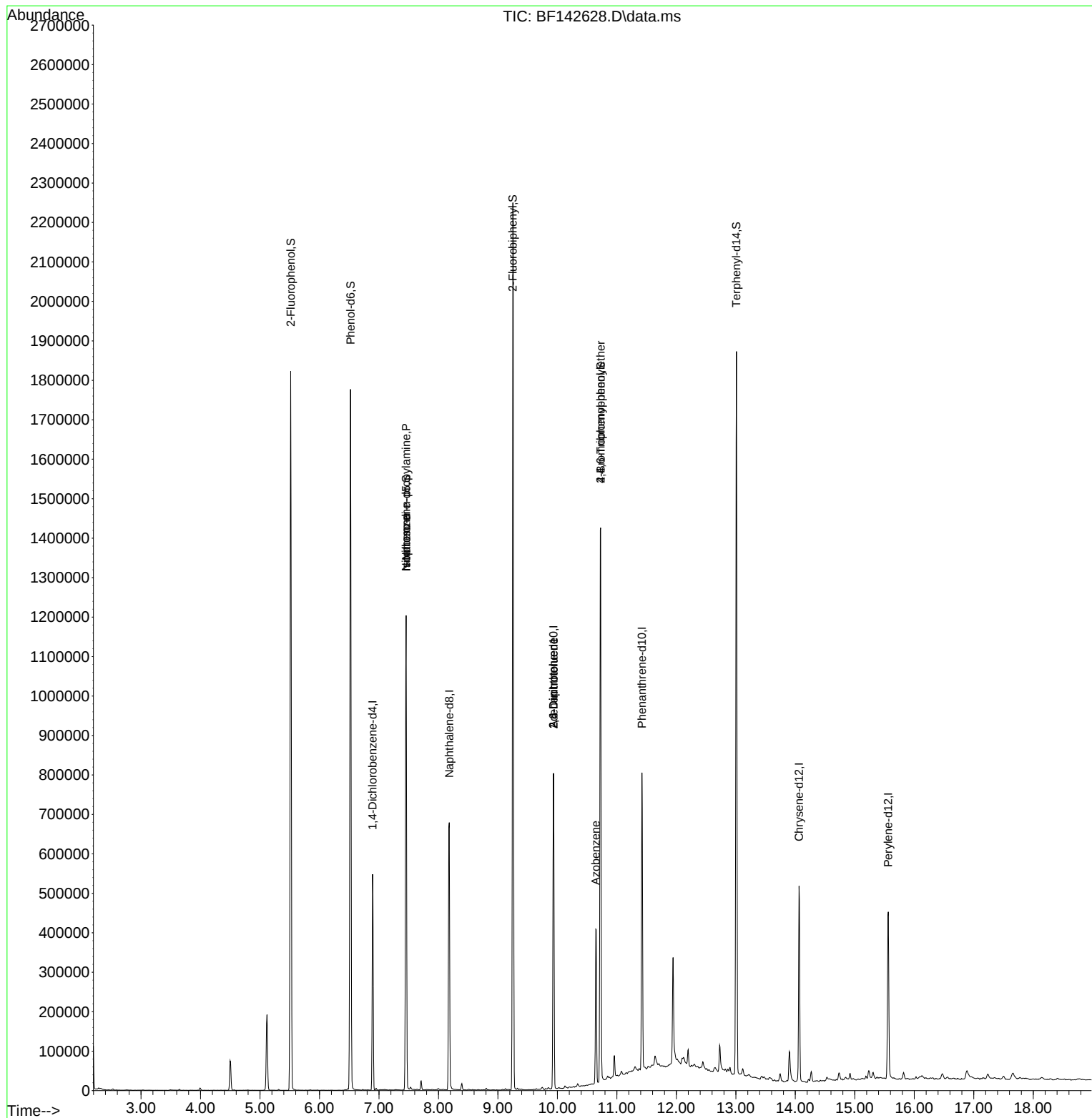
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	120127	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	456079	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	238422	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	391024	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	244537	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	253870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	710186	99.602	ng	0.00
7) Phenol-d6	6.522	99	865767	100.869	ng	-0.01
23) Nitrobenzene-d5	7.457	82	520828	62.270	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	265996	100.521	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1034774	58.238	ng	-0.02
79) Terphenyl-d14	13.010	244	901048	50.353	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	68727	12.920	ng	# 76
25) Isophorone	7.457	82	483032	34.542	ng	# 63
51) 2,6-Dinitrotoluene	9.934	165	30441	8.965	ng	# 27
57) 2,4-Dinitrotoluene	9.934	165	30441	6.865	ng	# 28
63) Azobenzene	10.645	77	96861	7.019	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	16274	3.520	ng	# 1

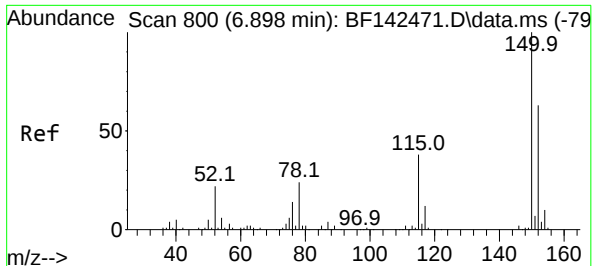
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142628.D
Acq On : 05 Jun 2025 12:08
Operator : RC/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

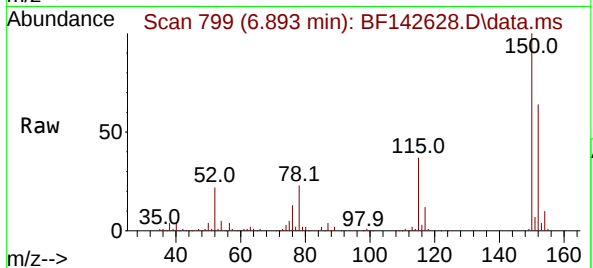
Quant Time: Jun 05 12:42:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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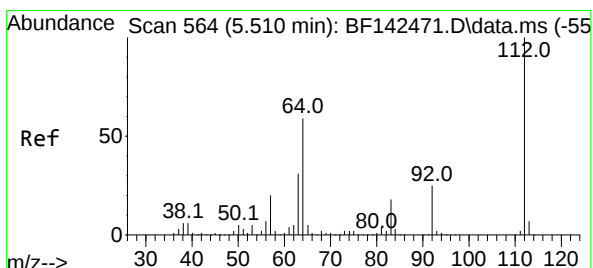
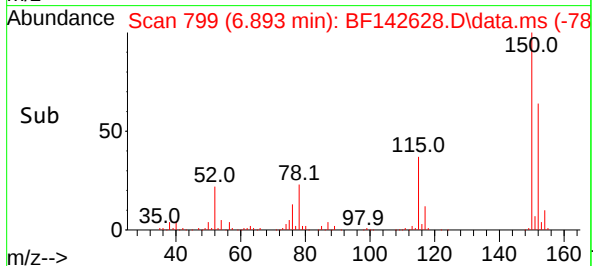
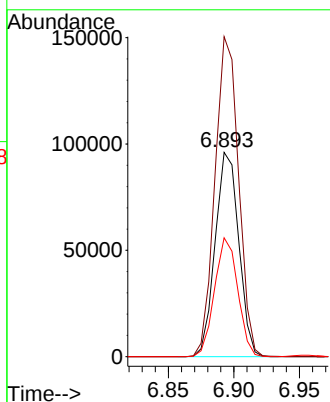


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF142628.D
 Acq: 05 Jun 2025 12:08

Instrument :
 BNA_F
 ClientSampleId :

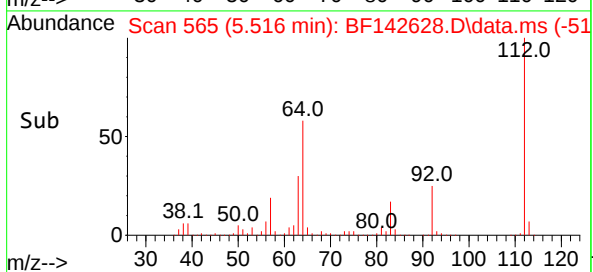
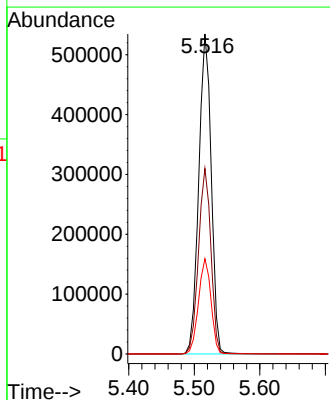
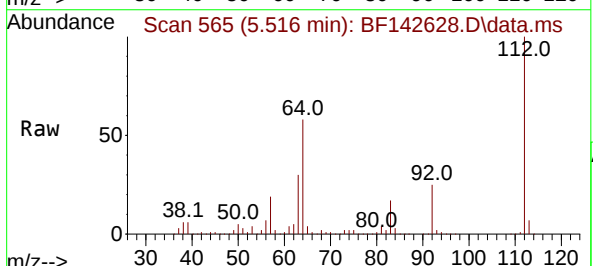


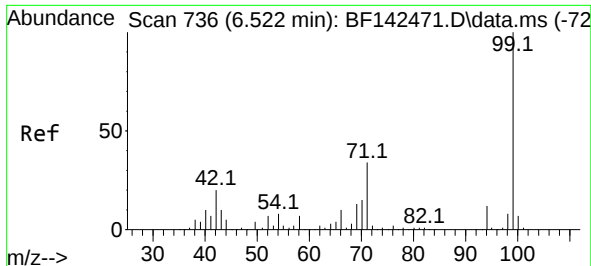
Tgt Ion:152 Resp: 120127
 Ion Ratio Lower Upper
 152 100
 150 156.6 128.2 192.4
 115 58.2 48.3 72.5



#5
 2-Fluorophenol
 Concen: 99.602 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: BF142628.D
 Acq: 05 Jun 2025 12:08

Tgt Ion:112 Resp: 710186
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.5 71.3
 63 29.8 24.9 37.3

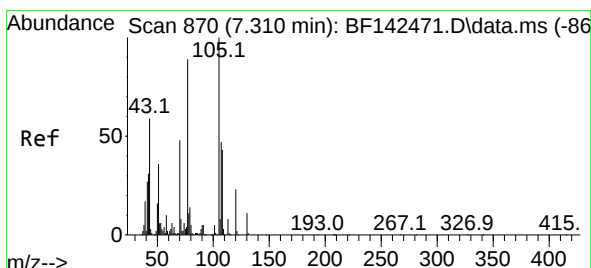
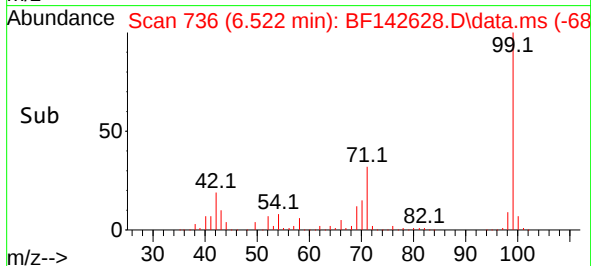
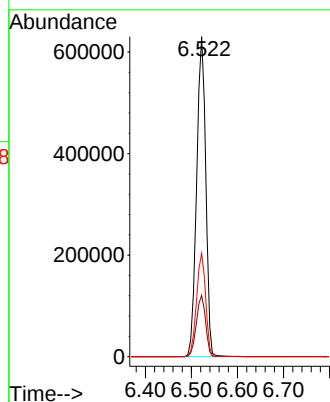
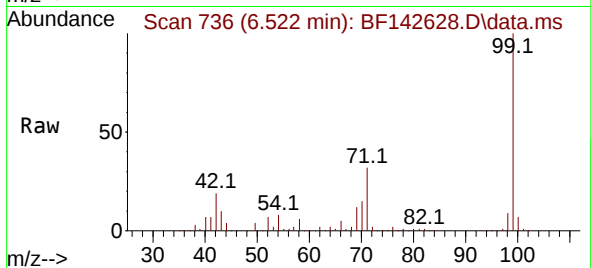




#7
Phenol-d6
Concen: 100.869 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

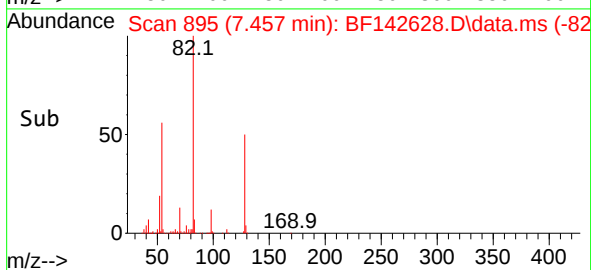
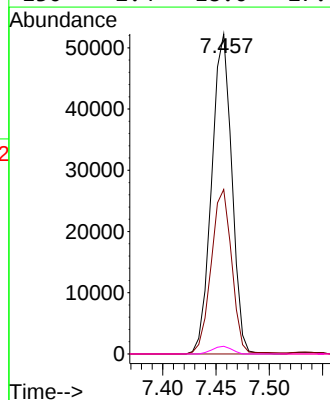
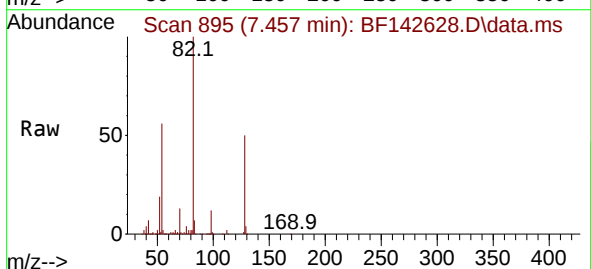
Instrument :
BNA_F
ClientSampleId :

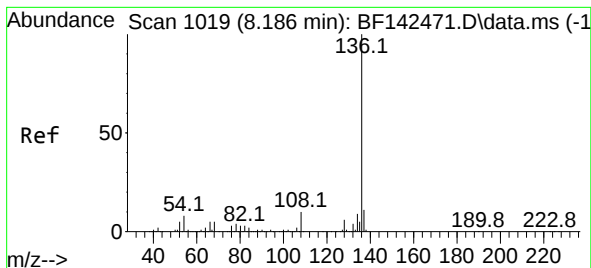
Tgt Ion: 99 Resp: 865767
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.2
71 32.3 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.920 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

Tgt Ion: 70 Resp: 68727
Ion Ratio Lower Upper
70 100
42 51.4 52.4 78.6#
101 0.0 7.8 11.8#
130 2.4 18.0 27.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

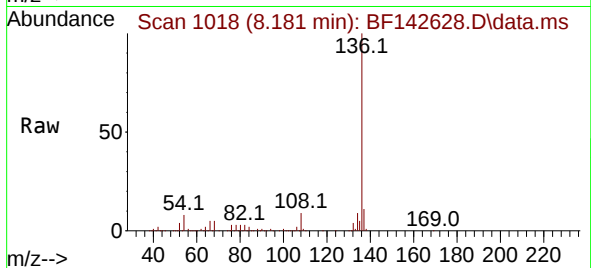
Lab File: BF142628.D

Acq: 05 Jun 2025 12:08

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 456079

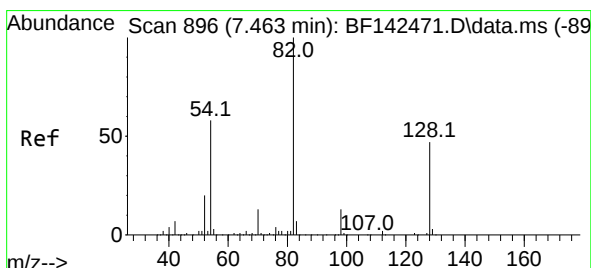
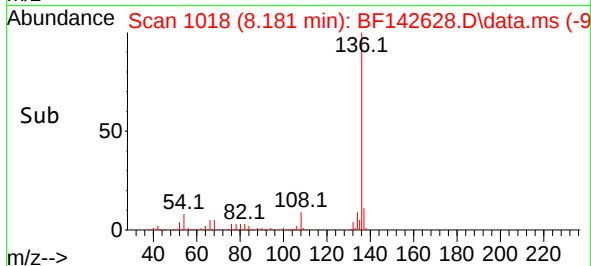
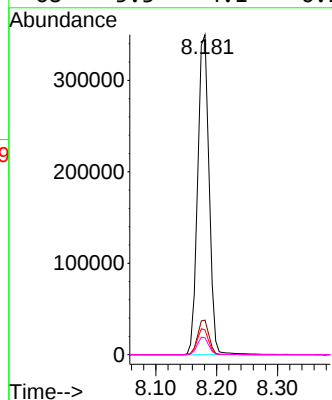
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.8 6.6 10.0

68 5.3 4.1 6.1



#23

Nitrobenzene-d5

Concen: 62.270 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142628.D

Acq: 05 Jun 2025 12:08

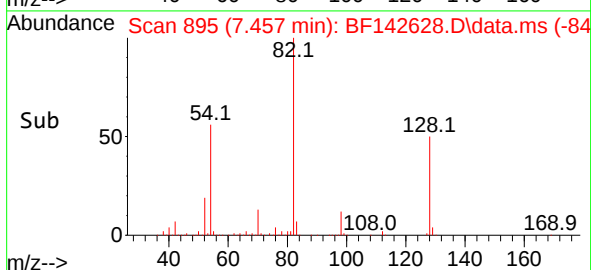
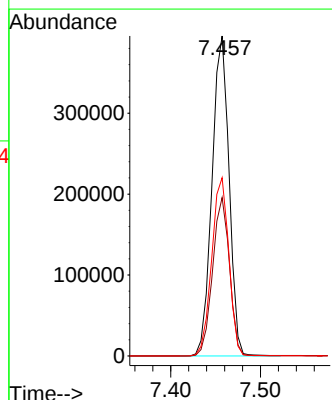
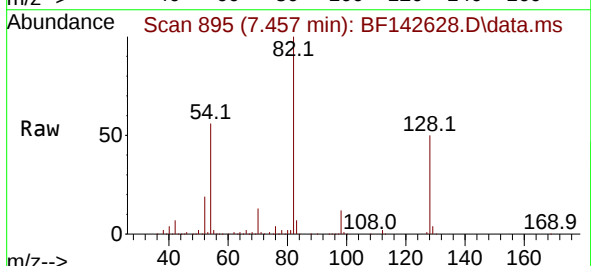
Tgt Ion: 82 Resp: 520828

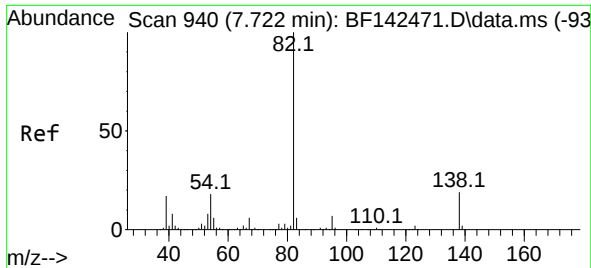
Ion Ratio Lower Upper

82 100

128 49.5 37.4 56.2

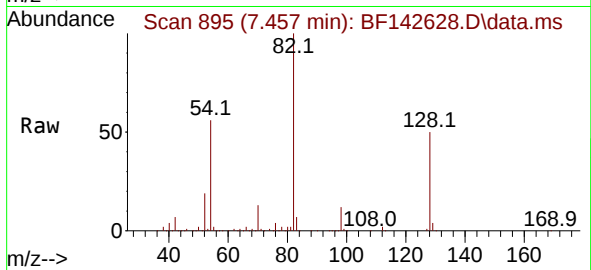
54 55.7 46.6 70.0



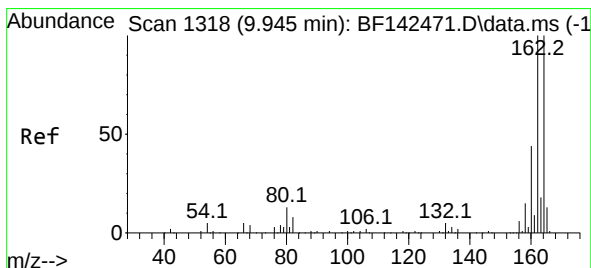
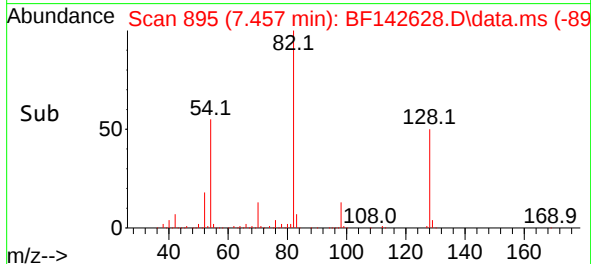
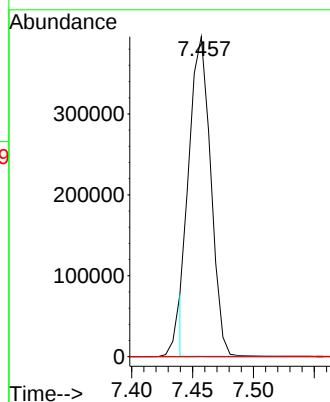


#25
Isophorone
Concen: 34.542 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.276 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

Instrument :
BNA_F
ClientSampleId :

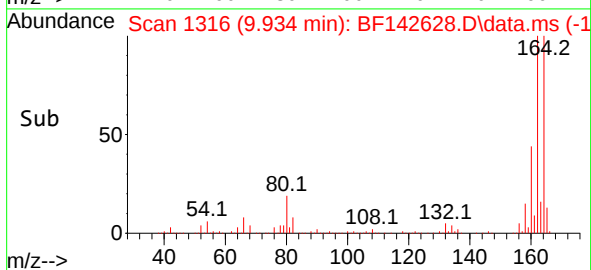
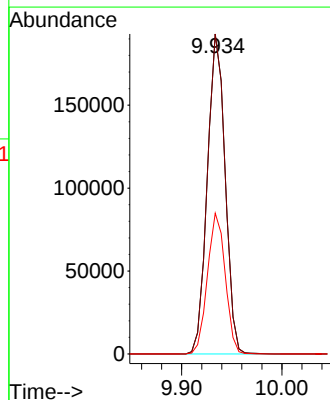
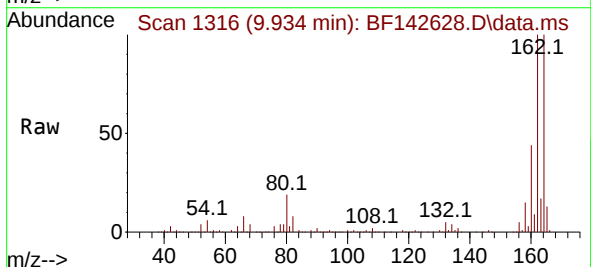


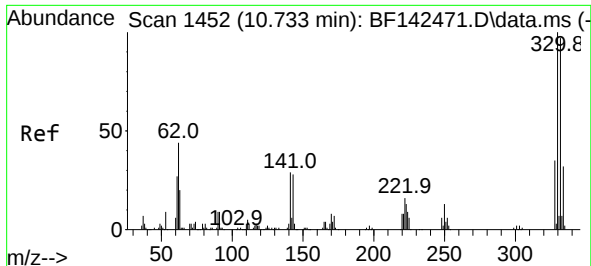
Tgt Ion: 82 Resp: 483032
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

Tgt Ion:164 Resp: 238422
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.4
160 44.0 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 100.521 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.012 min

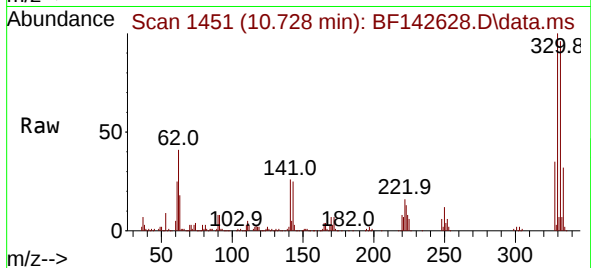
Lab File: BF142628.D

Acq: 05 Jun 2025 12:08

Instrument :

BNA_F

ClientSampleId :



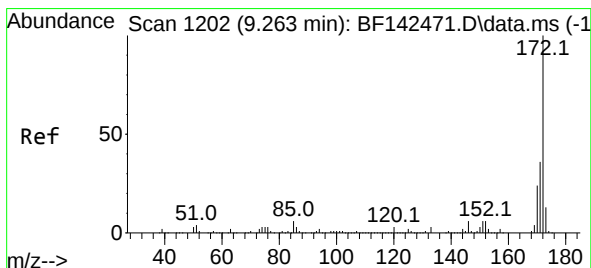
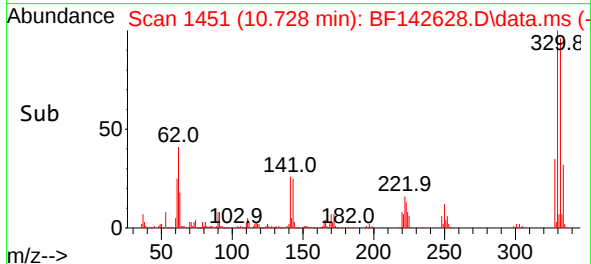
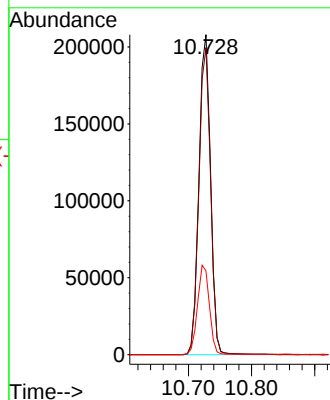
Tgt Ion:330 Resp: 265996

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

141 28.8 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 58.238 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.017 min

Lab File: BF142628.D

Acq: 05 Jun 2025 12:08

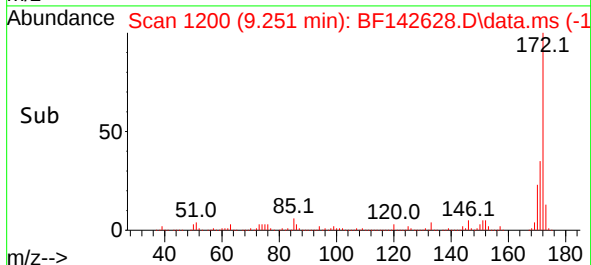
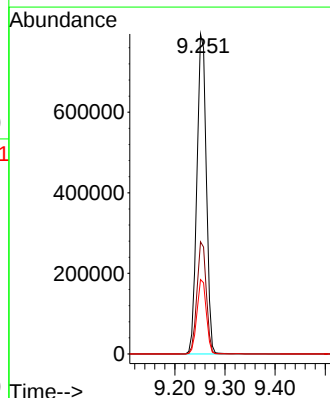
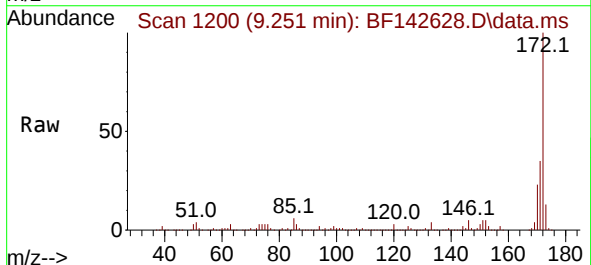
Tgt Ion:172 Resp: 1034774

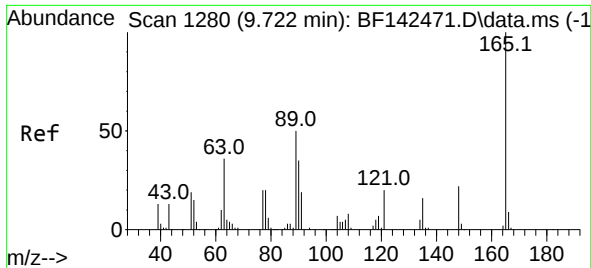
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.2 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.965 ng

RT: 9.934 min Scan# 1316

Delta R.T. 0.206 min

Lab File: BF142628.D

Acq: 05 Jun 2025 12:08

Instrument :

BNA_F

ClientSampleId :

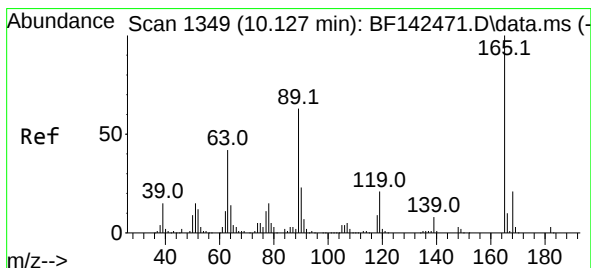
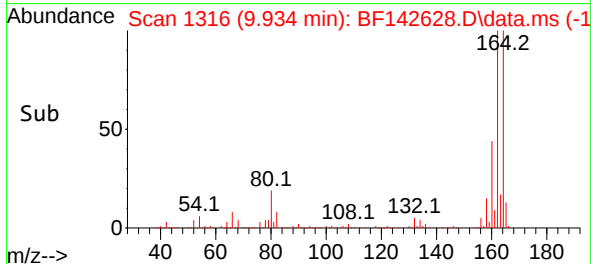
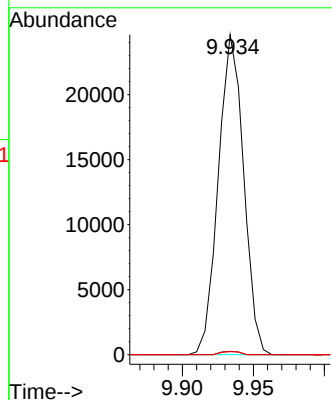
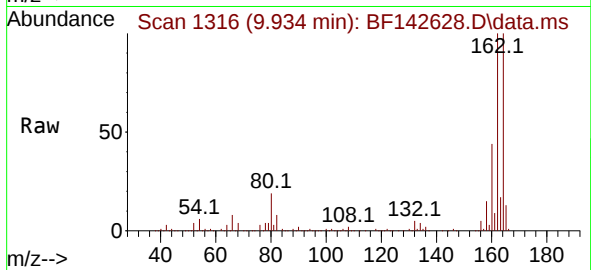
Tgt Ion:165 Resp: 30441

Ion Ratio Lower Upper

165 100

63 1.0 42.9 64.3#

89 1.0 40.2 60.4#



#57

2,4-Dinitrotoluene

Concen: 6.865 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.200 min

Lab File: BF142628.D

Acq: 05 Jun 2025 12:08

Tgt Ion:165 Resp: 30441

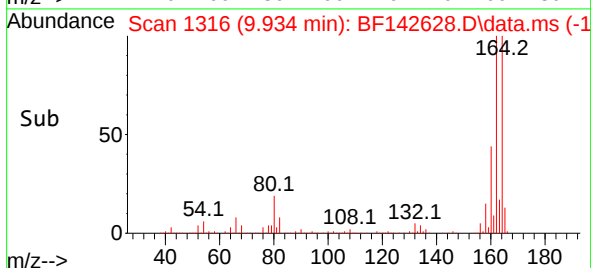
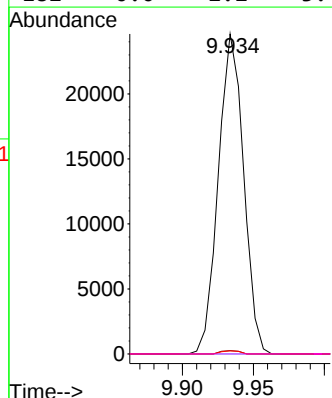
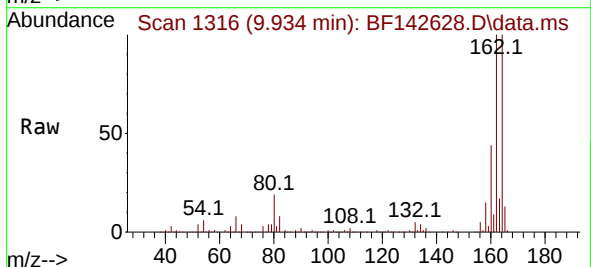
Ion Ratio Lower Upper

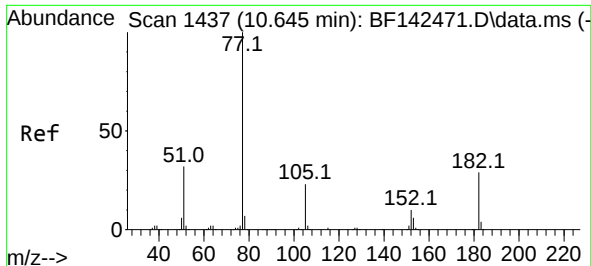
165 100

63 1.0 33.6 50.4#

89 1.0 50.2 75.4#

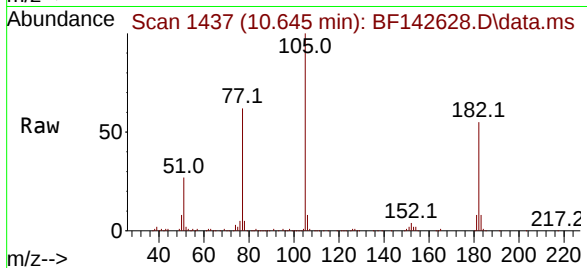
182 0.0 2.2 3.4#



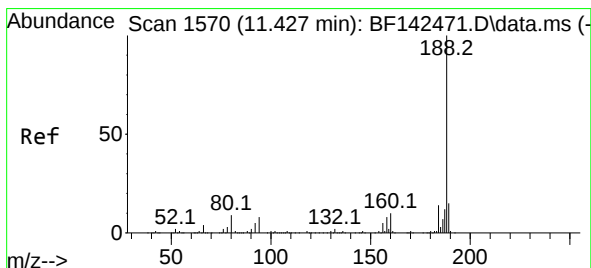
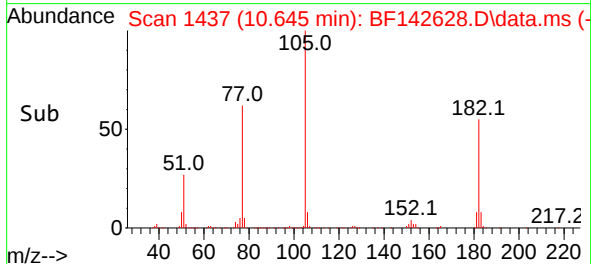
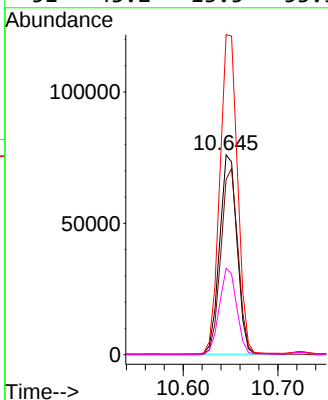


#63
 Azobenzene
 Concen: 7.019 ng
 RT: 10.645 min Scan# 1437
 Delta R.T. 0.000 min
 Lab File: BF142628.D
 Acq: 05 Jun 2025 12:08

Instrument :
 BNA_F
 ClientSampleId :

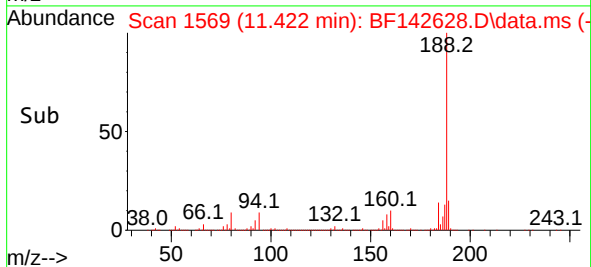
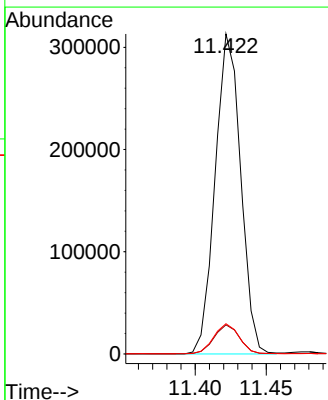
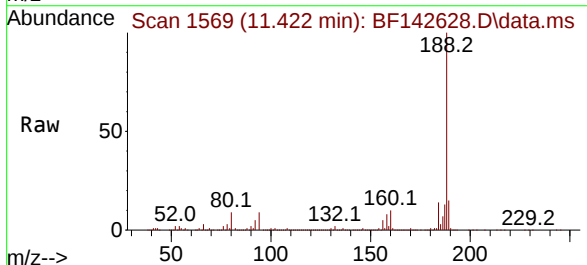


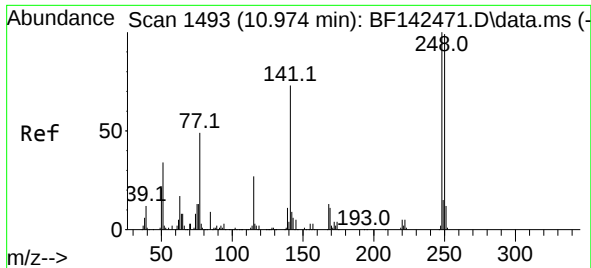
Tgt Ion	Ratio	Lower	Upper
77	100		
182	87.7	9.0	49.0#
105	160.1	2.4	42.4#
51	43.2	13.5	53.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.422 min Scan# 1569
 Delta R.T. -0.012 min
 Lab File: BF142628.D
 Acq: 05 Jun 2025 12:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.5	7.4	11.0

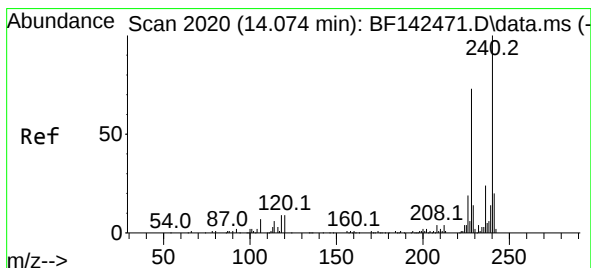
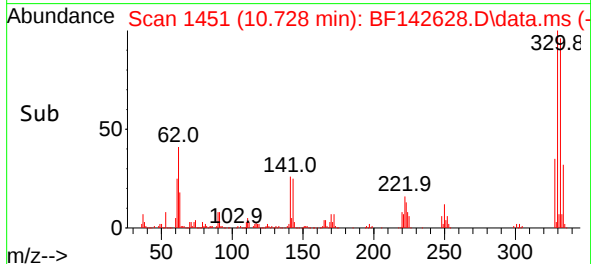
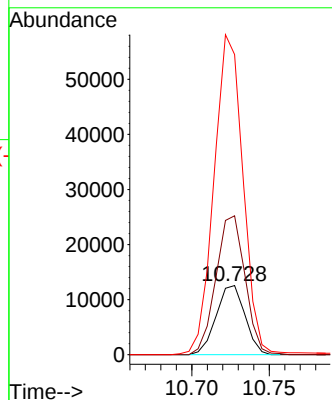
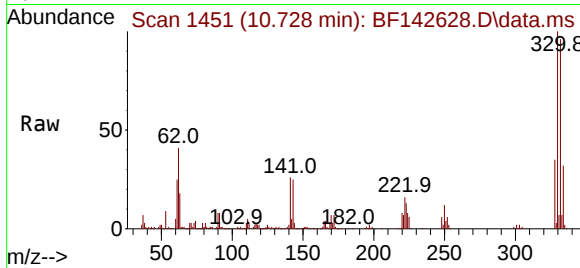




#67
4-Bromophenyl-phenylether
Concen: 3.520 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

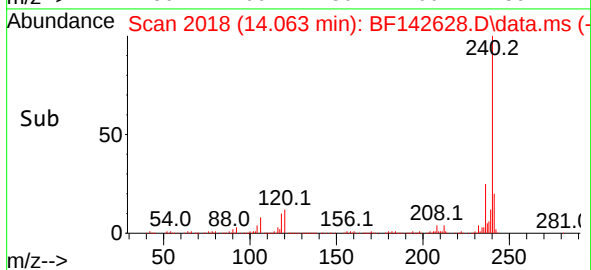
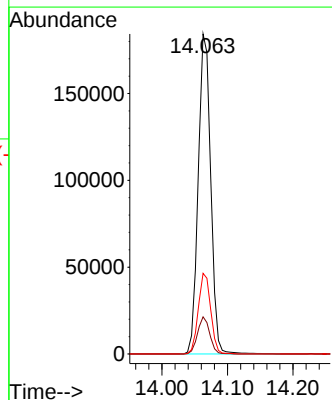
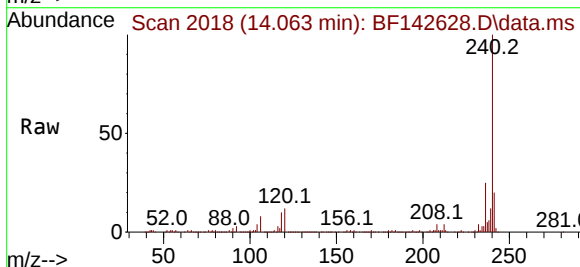
Instrument :
BNA_F
ClientSampleId :

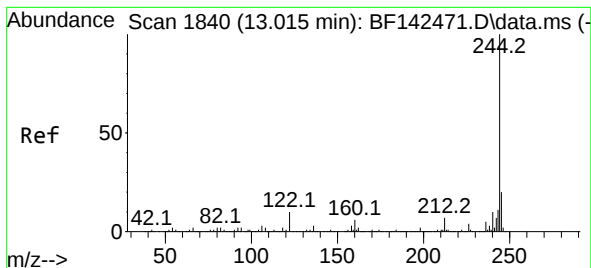
Tgt Ion:248 Resp: 16274
Ion Ratio Lower Upper
248 100
250 201.2 79.0 118.4#
141 434.6 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

Tgt Ion:240 Resp: 244537
Ion Ratio Lower Upper
240 100
120 11.6 7.5 11.3#
236 25.2 19.6 29.4





#79

Terphenyl-d14

Concen: 50.353 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142628.D

Acq: 05 Jun 2025 12:08

Instrument :

BNA_F

ClientSampleId :

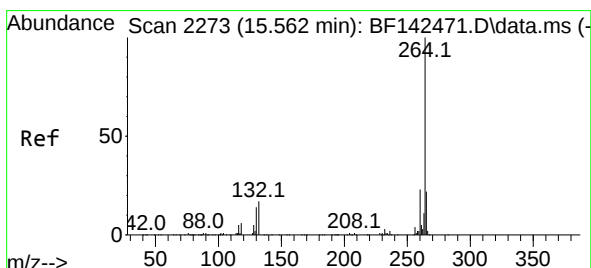
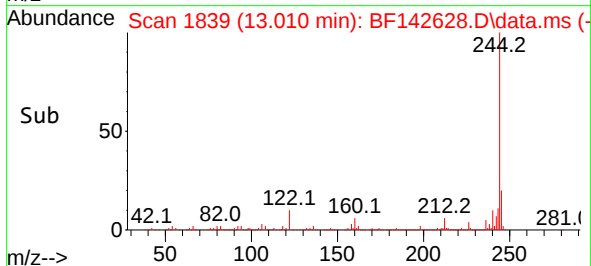
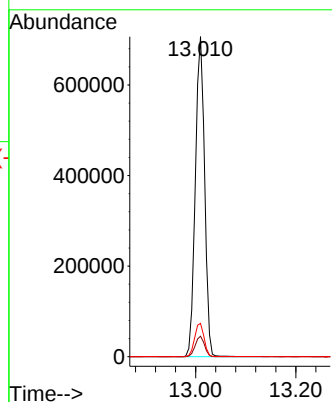
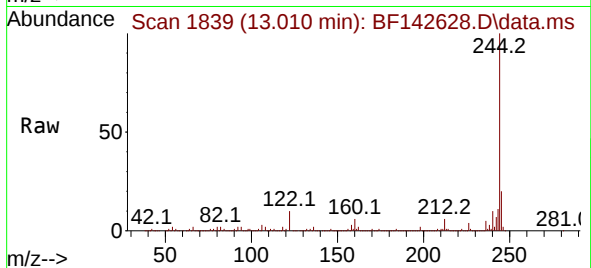
Tgt Ion:244 Resp: 901048

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 10.4 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142628.D

Acq: 05 Jun 2025 12:08

Tgt Ion:264 Resp: 253870

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.0 17.7 26.5

