

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141213.D
 Acq On : 20 Jan 2025 11:03
 Operator : RC/JU
 Sample : PB166115BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166115BL

Quant Time: Jan 20 11:32:59 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)

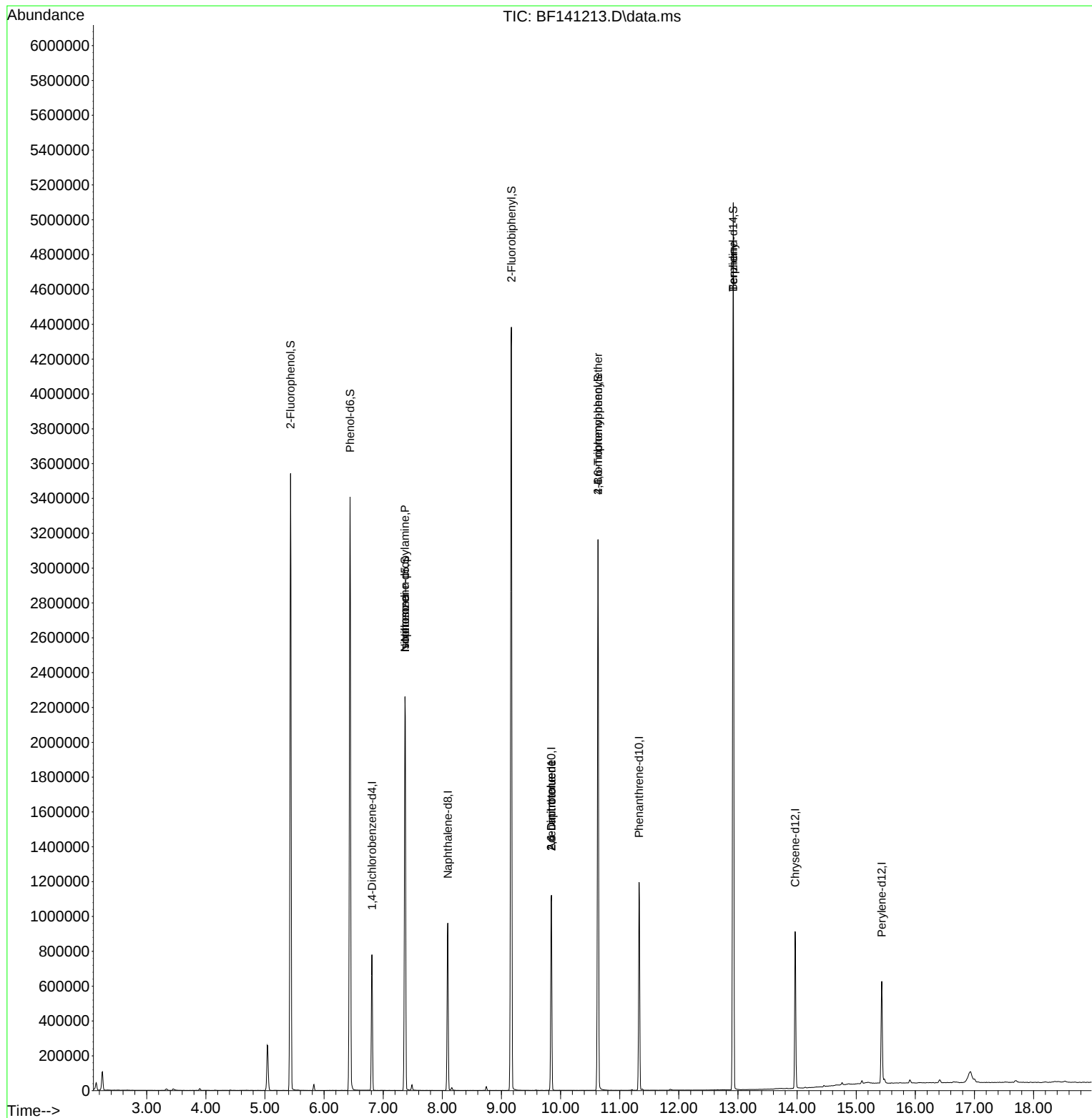
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	162829	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	650069	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	350613	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	609458	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	442806	20.000	ng	-0.02
86) Perylene-d12	15.433	264	340853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1416297	134.368	ng	0.00
7) Phenol-d6	6.440	99	1763897	132.110	ng	0.00
23) Nitrobenzene-d5	7.369	82	1153439	94.055	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	610447	152.803	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	2164186	94.258	ng	-0.01
79) Terphenyl-d14	12.921	244	2617594	87.861	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	155306	19.746	ng	# 76
25) Isophorone	7.369	82	1145018	54.635	ng	# 65
51) 2,6-Dinitrotoluene	9.845	165	45679	8.345	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	45679	6.476	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	36194	5.158	ng	# 1
77) Benzidine	12.921	184	33338	4.060	ng	# 93

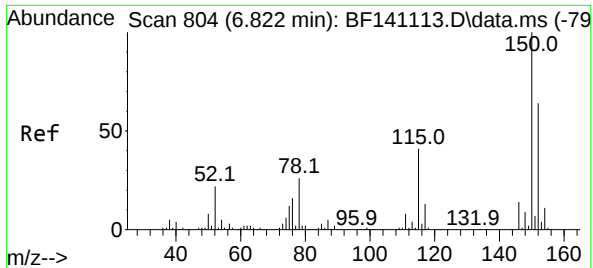
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
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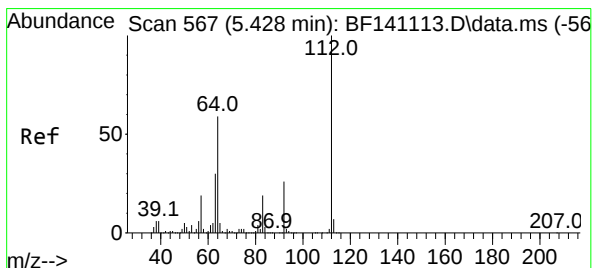
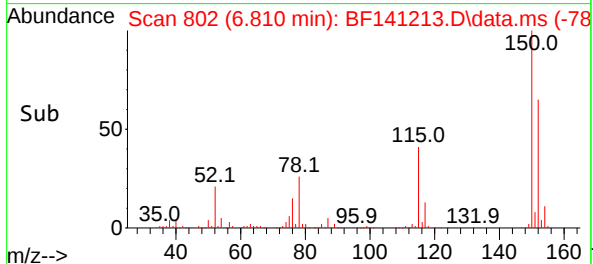
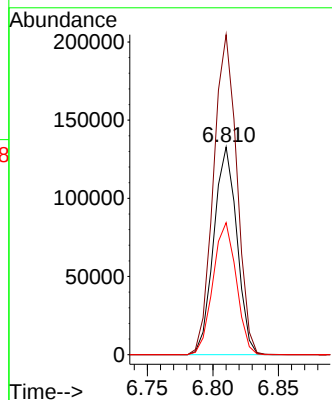
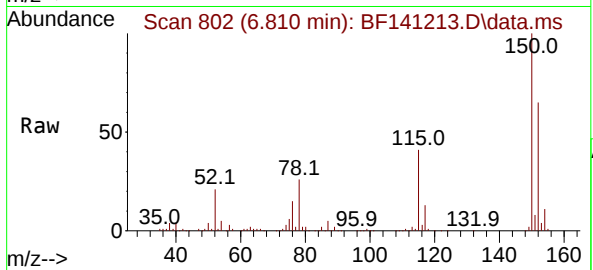




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

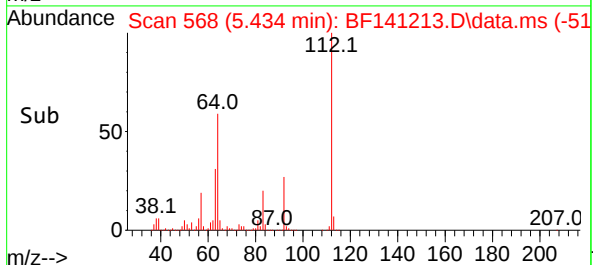
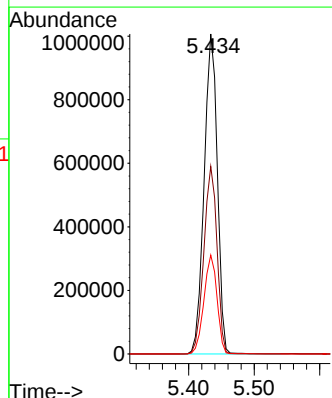
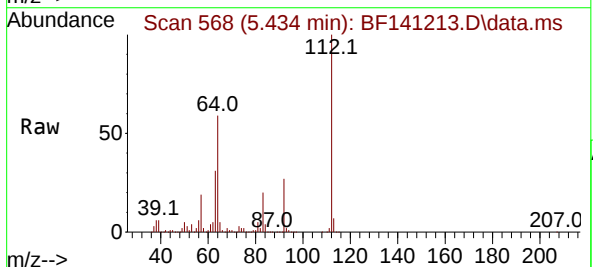
Instrument :
BNA_F
ClientSampleId :
PB166115BL

Tgt Ion:152 Resp: 162829
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.8
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 134.368 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion:112 Resp: 1416297
Ion Ratio Lower Upper
112 100
64 58.6 47.3 70.9
63 30.9 24.2 36.2

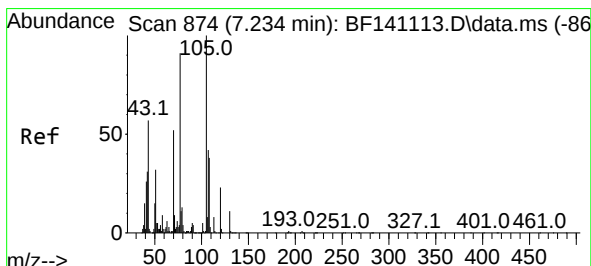
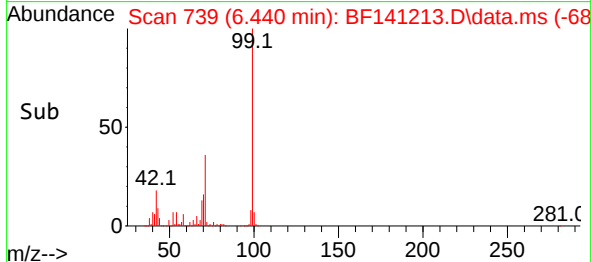
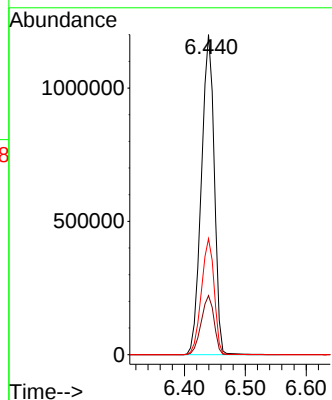
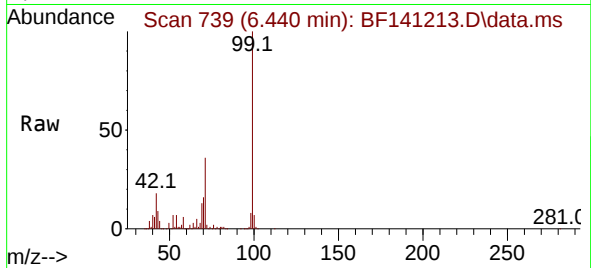




#7
Phenol-d6
Concen: 132.110 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

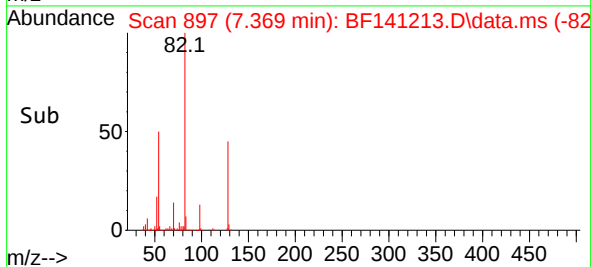
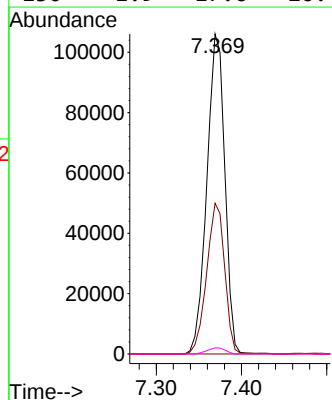
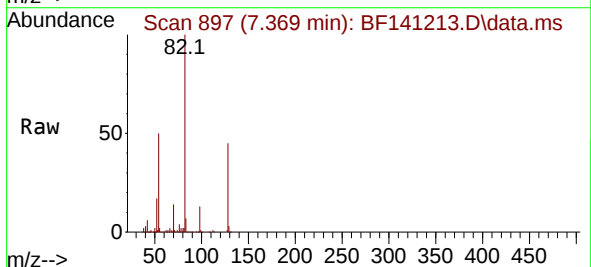
Instrument :
BNA_F
ClientSampleId :
PB166115BL

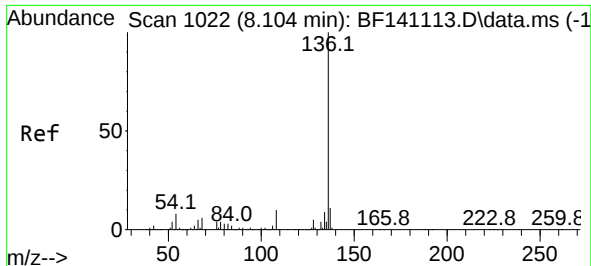
Tgt Ion: 99 Resp: 1763897
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 36.3 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.746 ng
RT: 7.369 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion: 70 Resp: 155306
Ion Ratio Lower Upper
70 100
42 47.1 47.8 71.6#
101 0.0 7.9 11.9#
130 1.9 17.6 26.4#



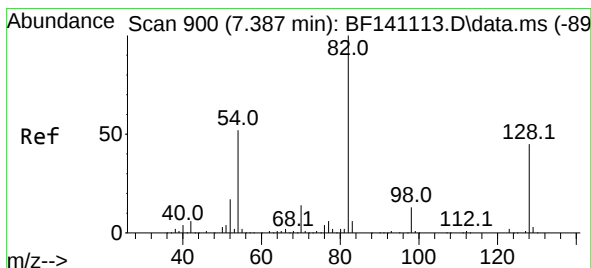
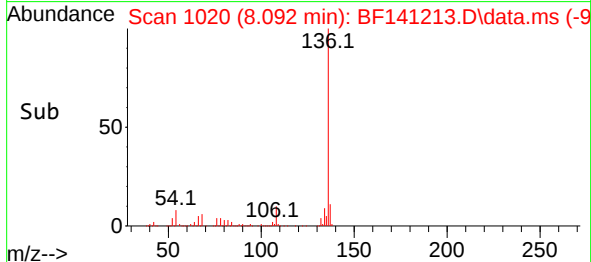
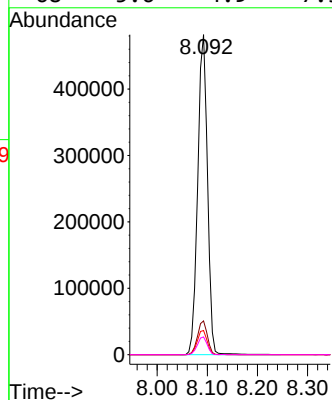
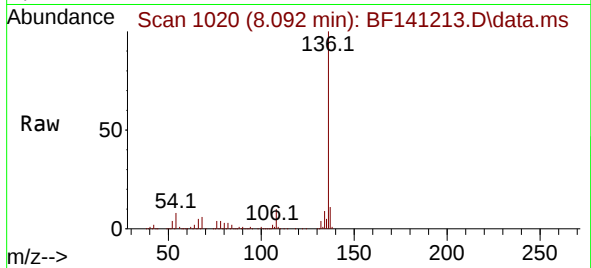


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Instrument :
BNA_F
ClientSampleId :
PB166115BL

Tgt Ion:136 Resp: 650069

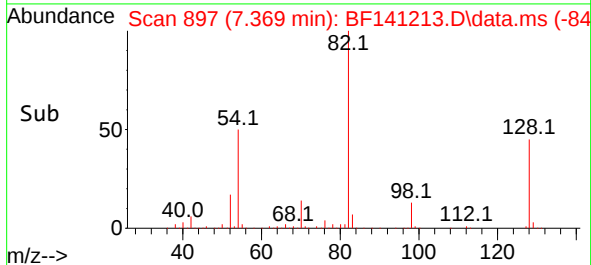
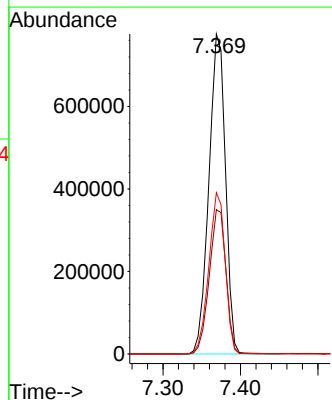
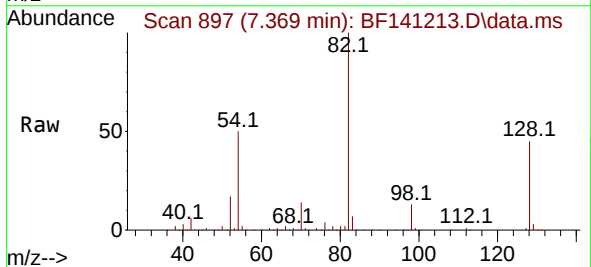
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.6	6.3	9.5
68	5.6	4.9	7.3

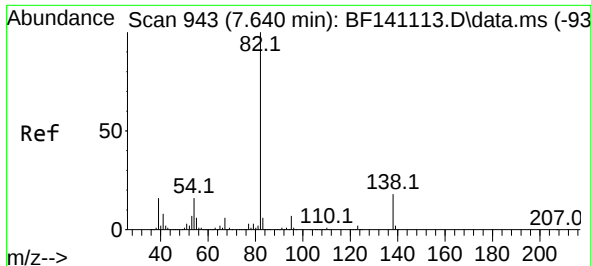


#23
Nitrobenzene-d5
Concen: 94.055 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion: 82 Resp: 1153439

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	50.4	41.0	61.4

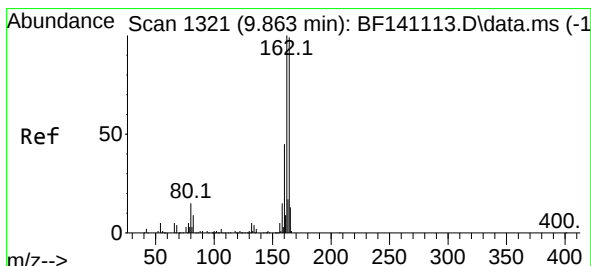
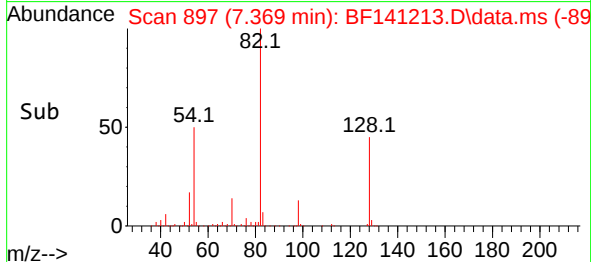
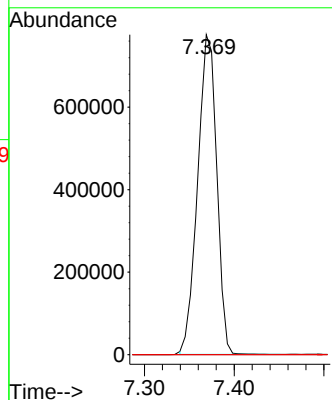
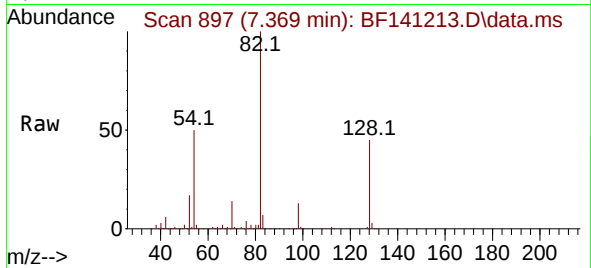




#25
Isophorone
Concen: 54.635 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.271 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

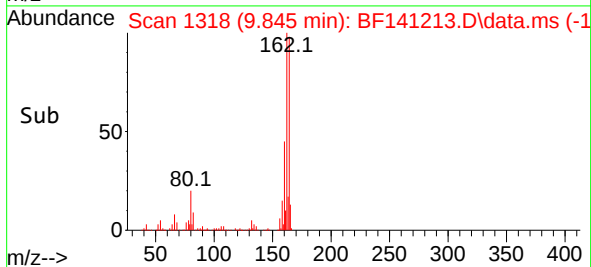
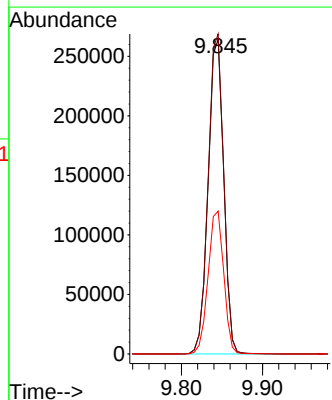
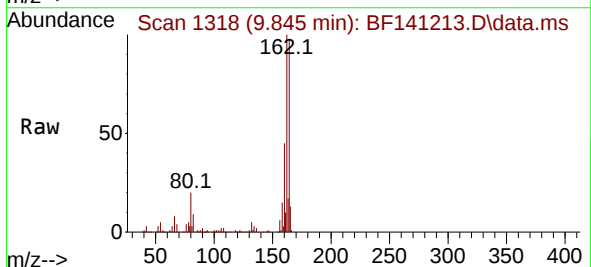
Instrument :
BNA_F
ClientSampleId :
PB166115BL

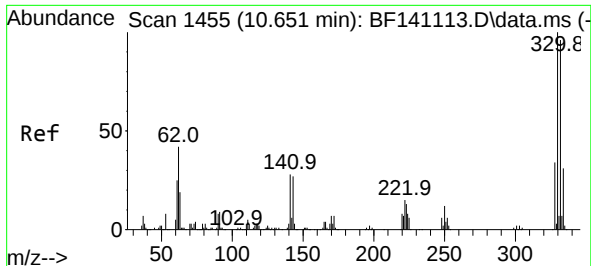
Tgt Ion: 82 Resp: 1145018
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion: 164 Resp: 350613
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.4 36.1 54.1

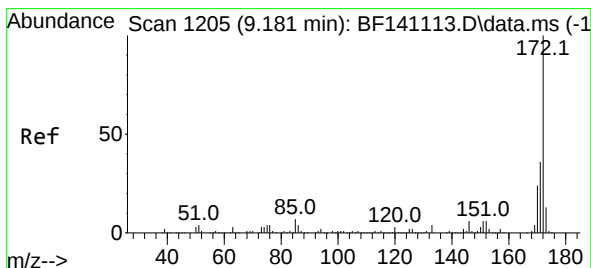
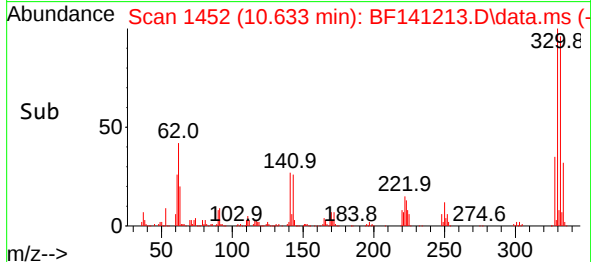
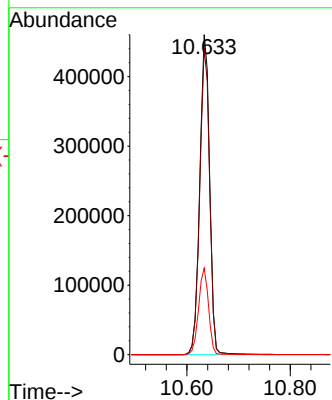
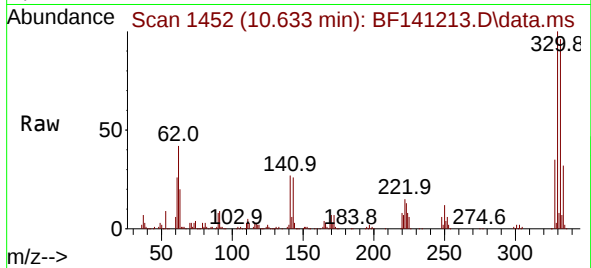




#42
 2,4,6-Tribromophenol
 Concen: 152.803 ng
 RT: 10.633 min Scan# 1455
 Delta R.T. -0.018 min
 Lab File: BF141213.D
 Acq: 20 Jan 2025 11:03

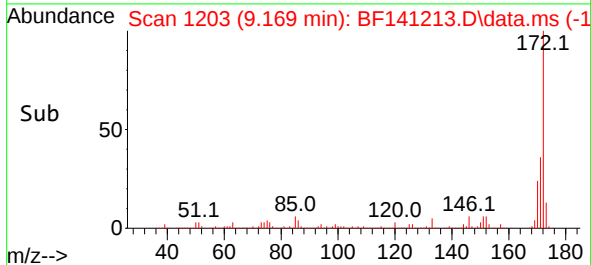
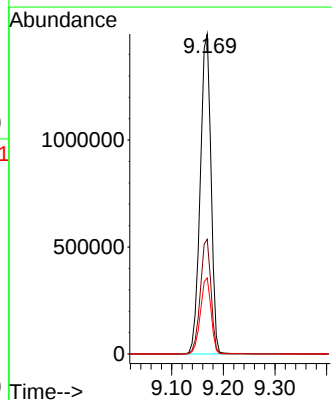
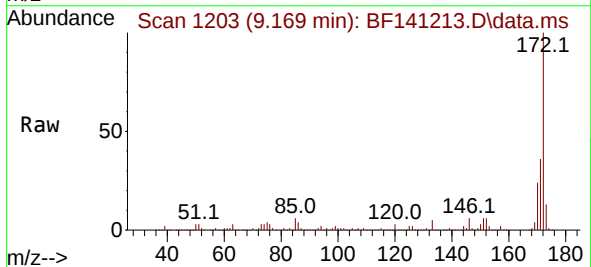
Instrument :
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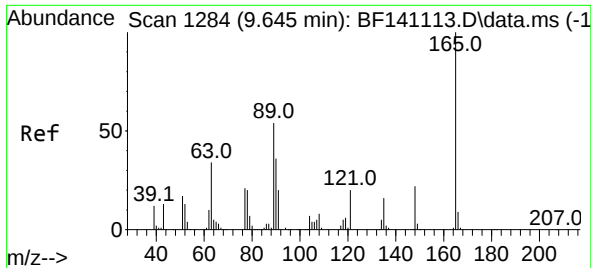
Tgt Ion:330 Resp: 610447
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 27.4 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 94.258 ng
 RT: 9.169 min Scan# 1203
 Delta R.T. -0.012 min
 Lab File: BF141213.D
 Acq: 20 Jan 2025 11:03

Tgt Ion:172 Resp: 2164186
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.7 43.1
 170 23.8 19.0 28.6

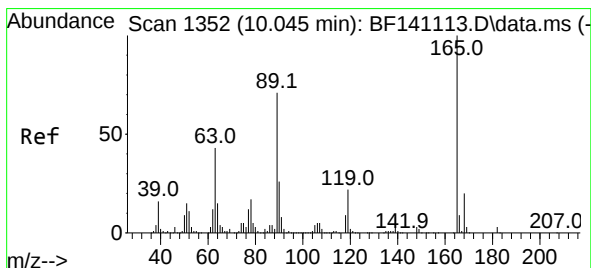
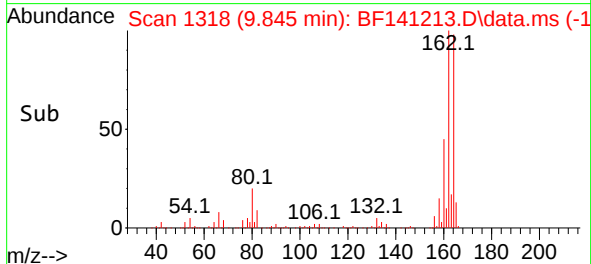
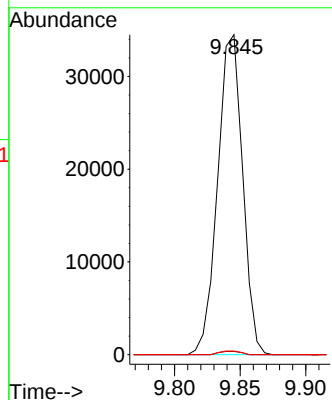
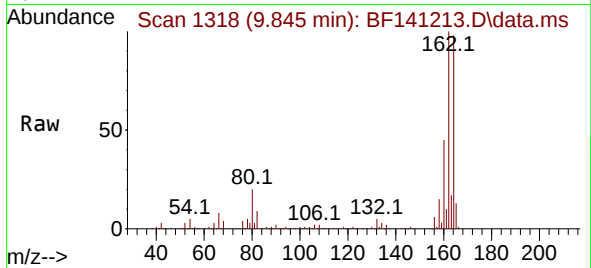




#51
2,6-Dinitrotoluene
Concen: 8.345 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

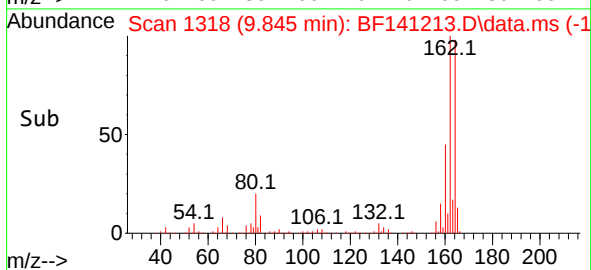
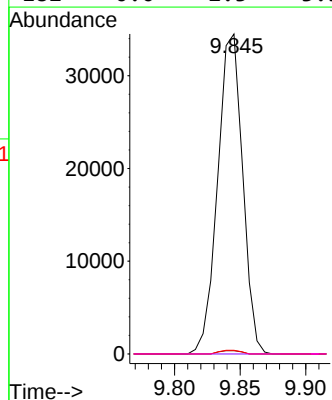
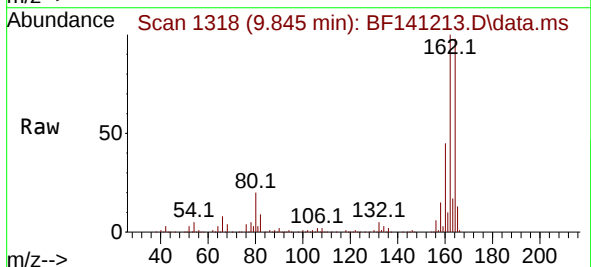
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ClientSampleId :
PB166115BL

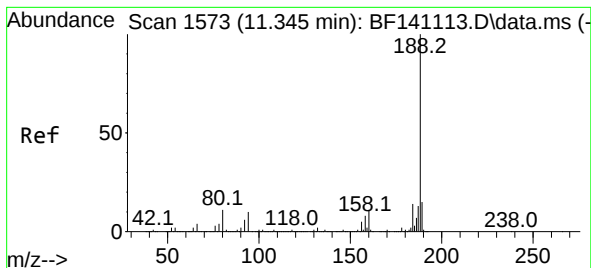
Tgt Ion:165 Resp: 45679
Ion Ratio Lower Upper
165 100
63 1.0 42.3 63.5#
89 1.1 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.476 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion:165 Resp: 45679
Ion Ratio Lower Upper
165 100
63 1.0 35.0 52.4#
89 1.1 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141213.D

Acq: 20 Jan 2025 11:03

Instrument :

BNA_F

ClientSampleId :

PB166115BL

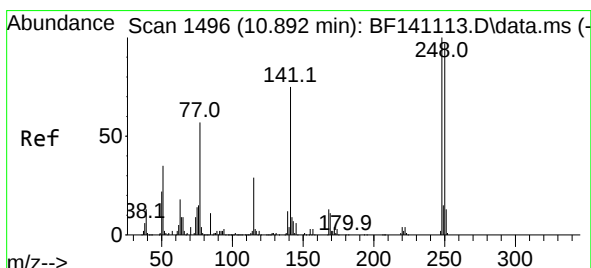
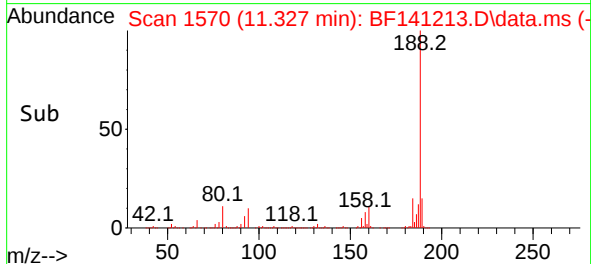
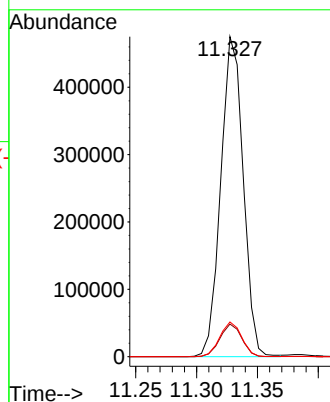
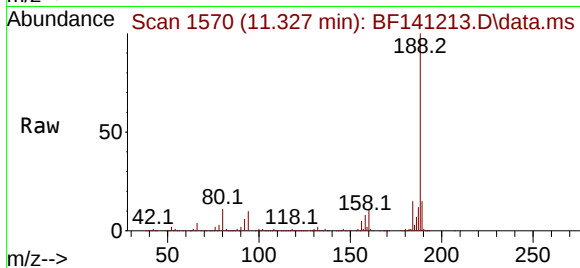
Tgt Ion:188 Resp: 609458

Ion Ratio Lower Upper

188 100

94 10.2 8.3 12.5

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.158 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141213.D

Acq: 20 Jan 2025 11:03

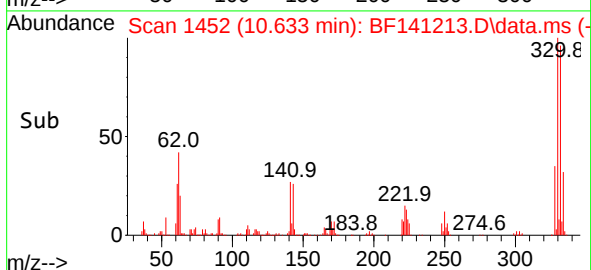
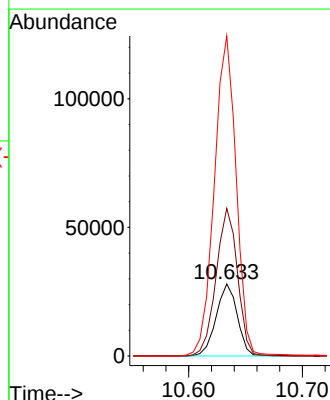
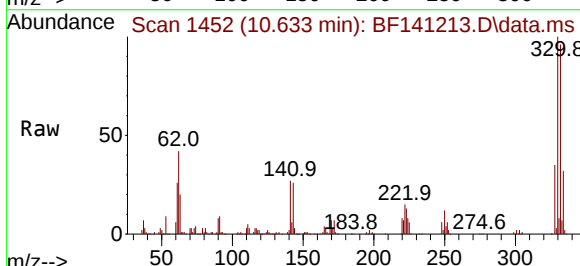
Tgt Ion:248 Resp: 36194

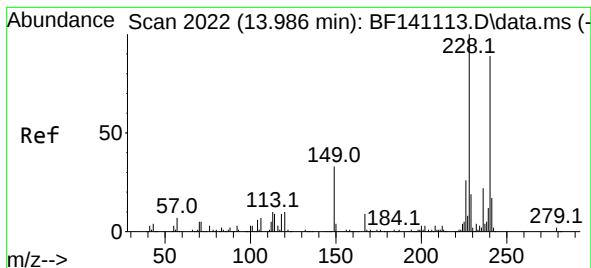
Ion Ratio Lower Upper

248 100

250 204.9 77.9 116.9#

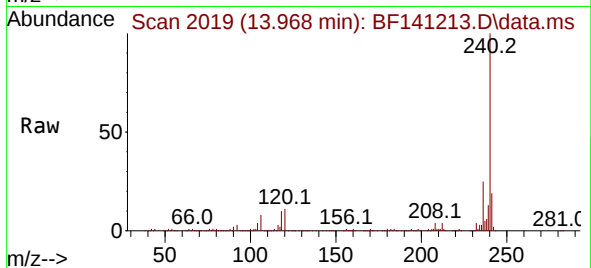
141 444.2 59.9 89.9#



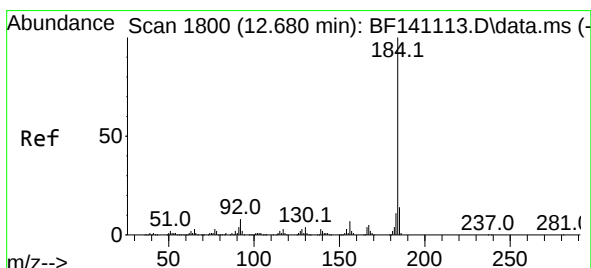
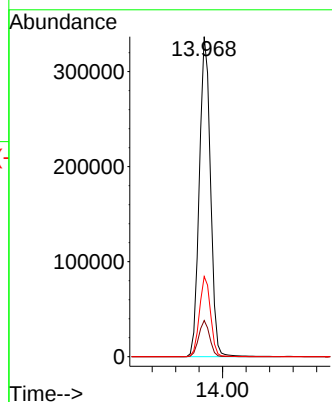
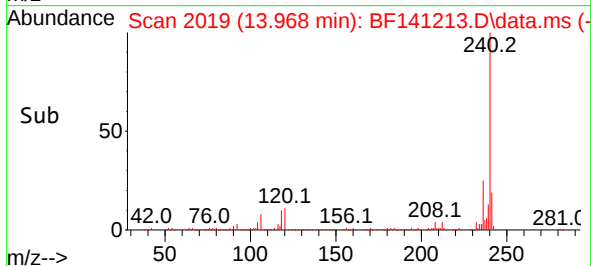


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

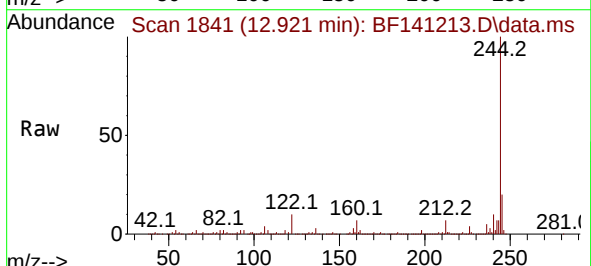
Instrument :
BNA_F
ClientSampleId :
PB166115BL



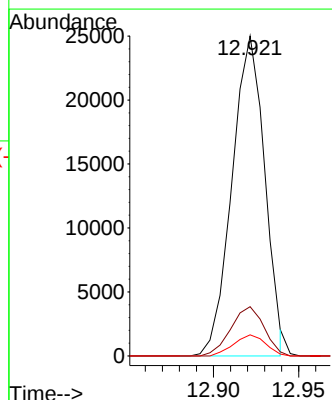
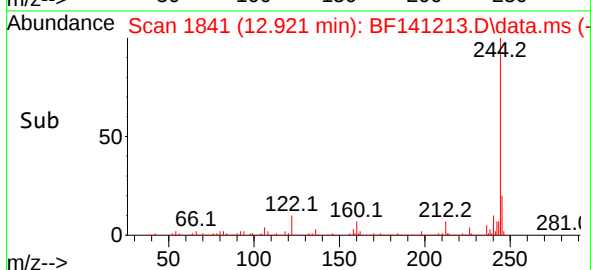
Tgt Ion:240 Resp: 442806
Ion Ratio Lower Upper
240 100
120 11.3 9.1 13.7
236 25.0 19.8 29.6

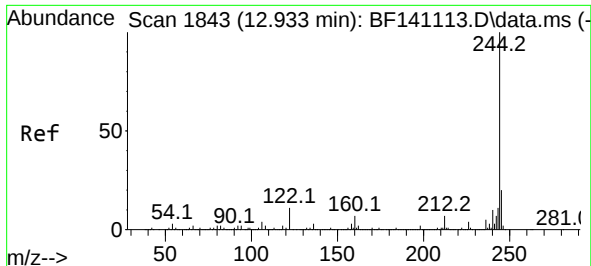


#77
Benidine
Concen: 4.060 ng
RT: 12.921 min Scan# 1841
Delta R.T. 0.241 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03



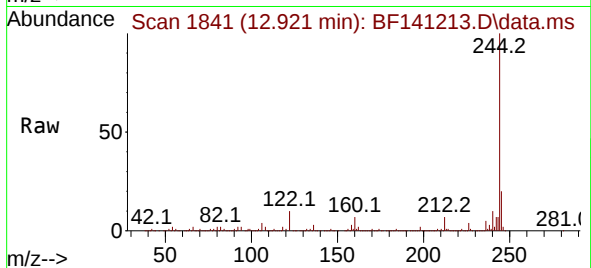
Tgt Ion:184 Resp: 33338
Ion Ratio Lower Upper
184 100
185 15.4 11.4 17.0
183 6.6 9.2 13.8#



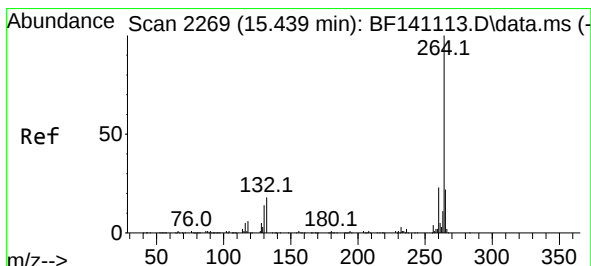
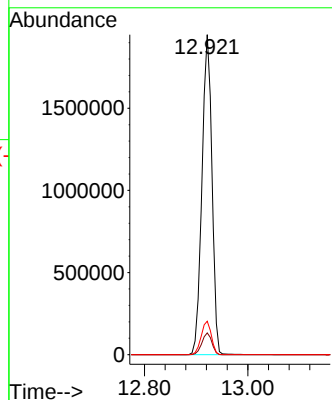
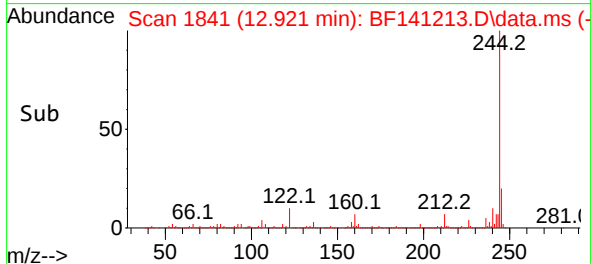


#79
 Terphenyl-d14
 Concen: 87.861 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141213.D
 Acq: 20 Jan 2025 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB166115BL



Tgt Ion:244 Resp: 2617594
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF141213.D
 Acq: 20 Jan 2025 11:03

Tgt Ion:264 Resp: 340853
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.3 17.4 26.0

