

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141220.D
 Acq On : 20 Jan 2025 14:13
 Operator : RC/JU
 Sample : Q1109-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TAPIAL1-MW04S-011525-00-T2

Quant Time: Jan 20 14:58:58 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)

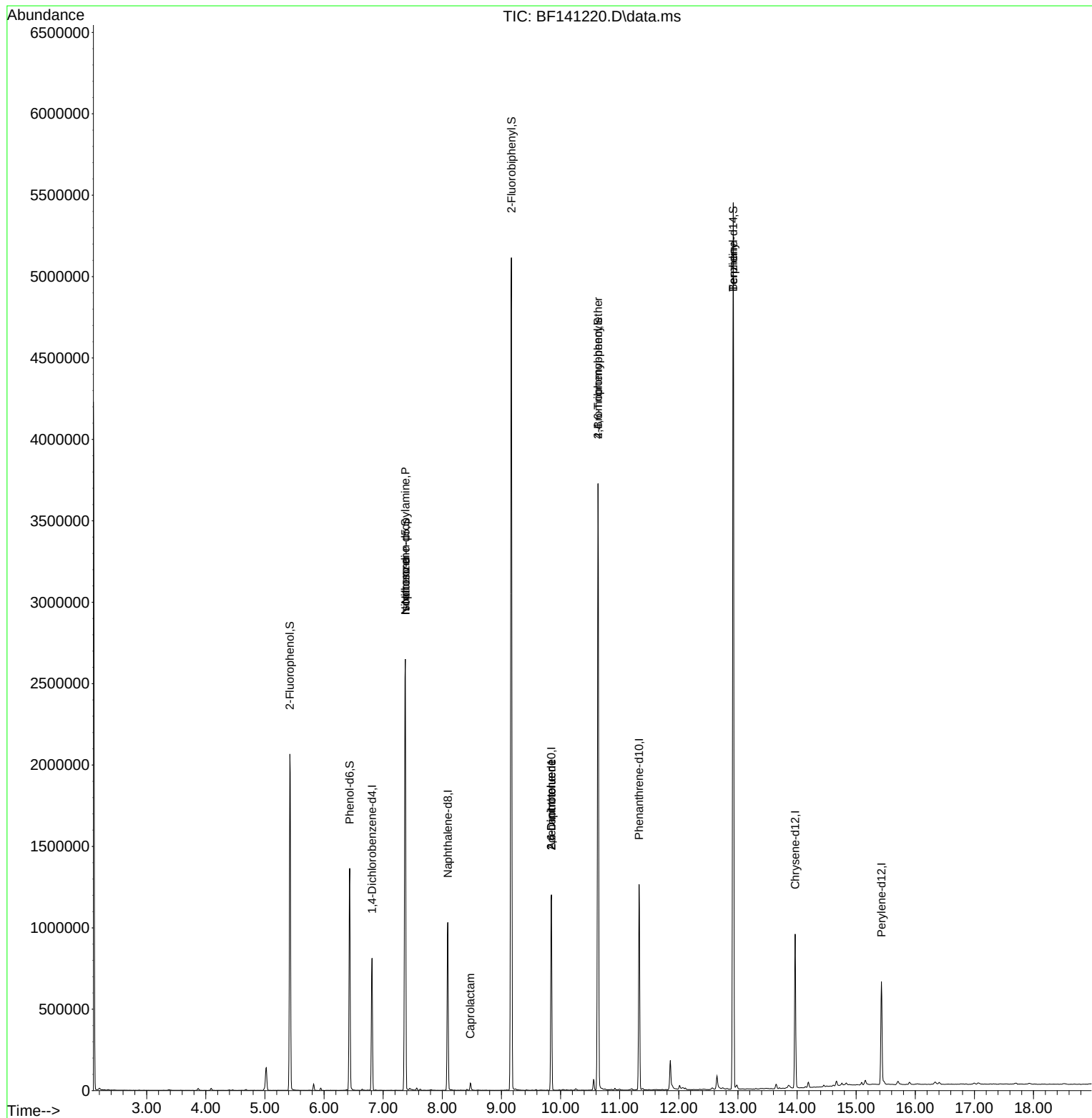
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	168653	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	674085	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	366570	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	632498	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	448689	20.000	ng	-0.02
86) Perylene-d12	15.427	264	364729	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	813174	74.484	ng	0.00
7) Phenol-d6	6.434	99	642974	46.494	ng	-0.01
23) Nitrobenzene-d5	7.375	82	1342653	105.583	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	736362	176.297	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	2396135	99.817	ng	-0.01
79) Terphenyl-d14	12.922	244	2808633	93.037	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	181565	22.288	ng	# 75
25) Isophorone	7.375	82	1334520	61.408	ng	# 65
35) Caprolactam	8.475	113	6883	2.177	ng	97
51) 2,6-Dinitrotoluene	9.845	165	48667	8.504	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	48667	6.599	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	43961	6.037	ng	# 1
77) Benzidine	12.922	184	35402	4.255	ng	# 93

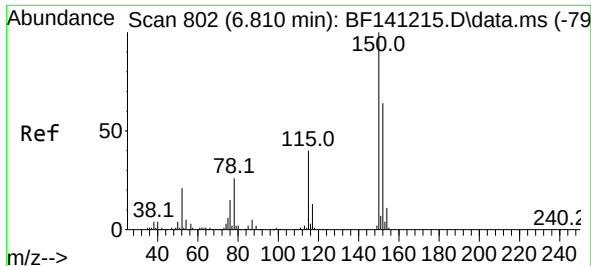
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141220.D
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ALS Vial : 10 Sample Multiplier: 1

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TAPIAL1-MW04S-011525-00-T2

Quant Time: Jan 20 14:58:58 2025
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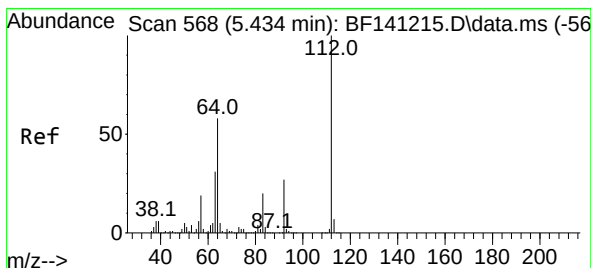
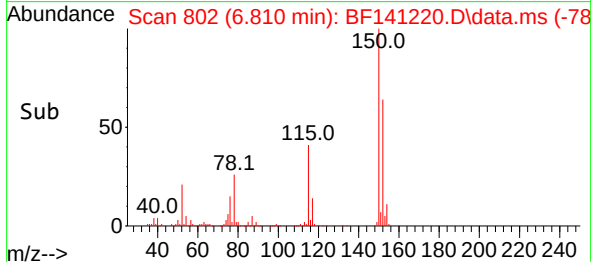
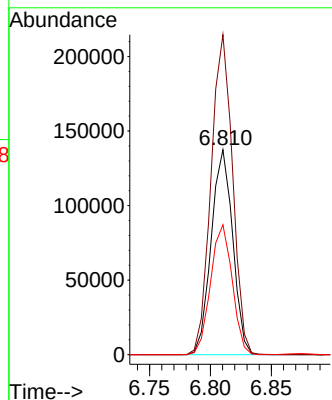
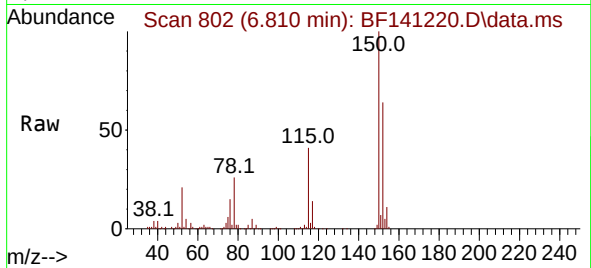




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

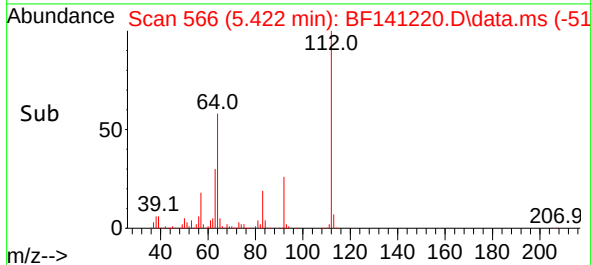
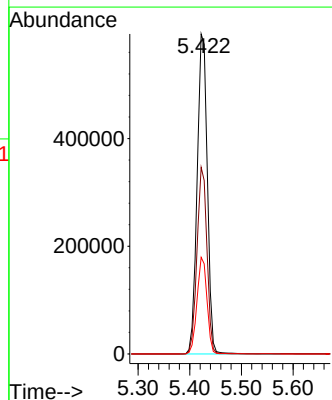
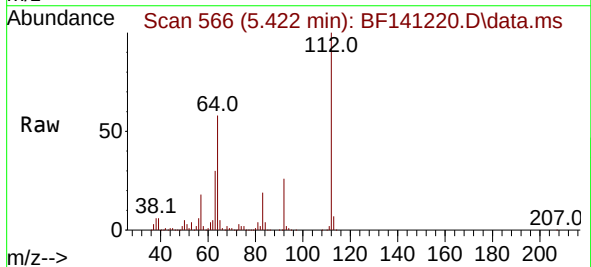
Instrument :
BNA_F
ClientSampleId :
TAPIAL1-MW04S-011525-00-T2

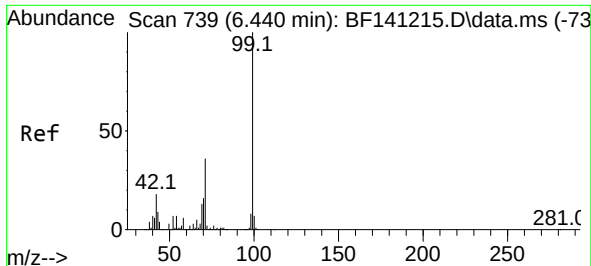
Tgt Ion:152 Resp: 168653
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.8
115 63.3 51.4 77.2



#5
2-Fluorophenol
Concen: 74.484 ng
RT: 5.422 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

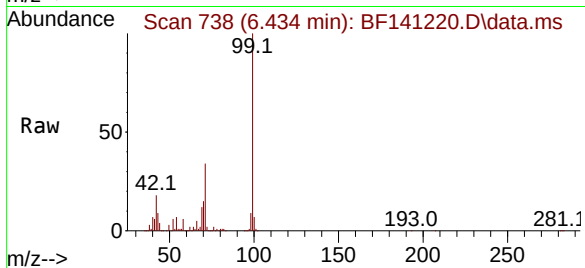
Tgt Ion:112 Resp: 813174
Ion Ratio Lower Upper
112 100
64 58.3 47.3 70.9
63 30.2 24.2 36.2





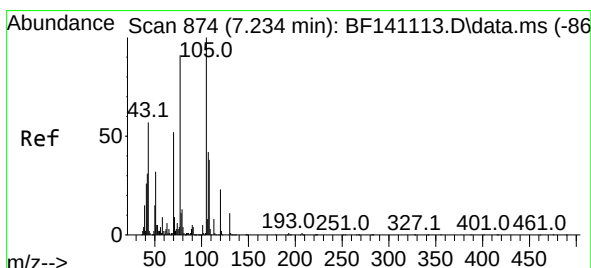
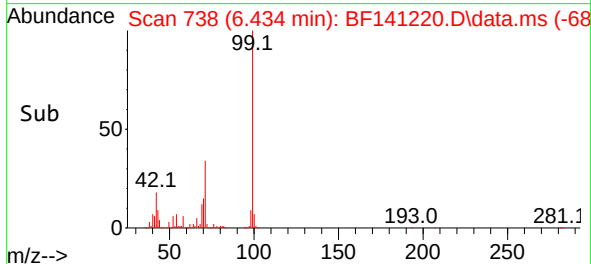
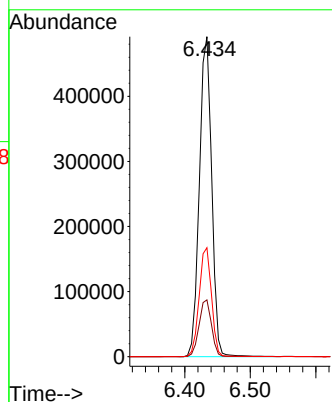
#7
Phenol-d6
Concen: 46.494 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

Instrument :
BNA_F
ClientSampleId :
TAPIAL1-MW04S-011525-00-T2



Tgt Ion: 99 Resp: 642974

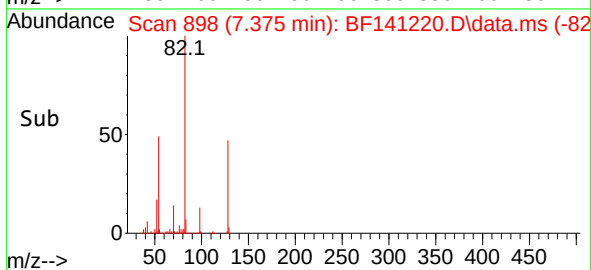
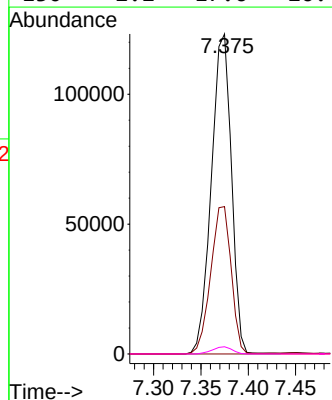
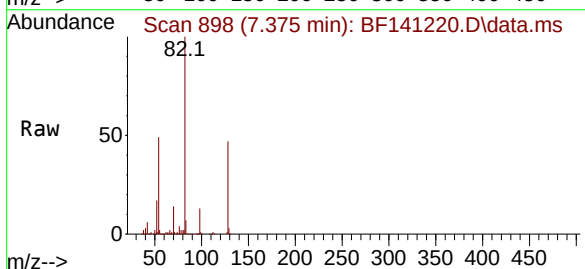
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	34.0	27.6	41.4

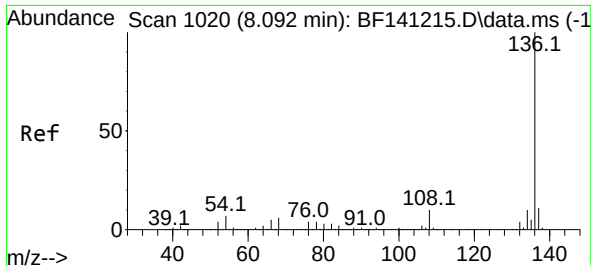


#19
n-Nitroso-di-n-propylamine
Concen: 22.288 ng
RT: 7.375 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

Tgt Ion: 70 Resp: 181565

Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.8	71.6#
101	0.0	7.9	11.9#
130	2.2	17.6	26.4#

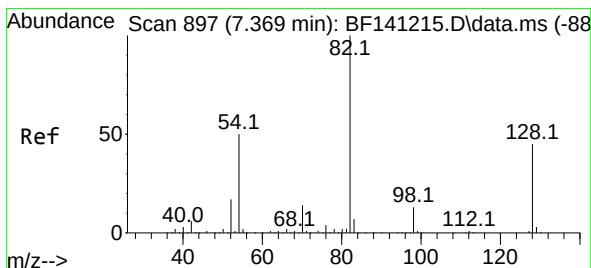
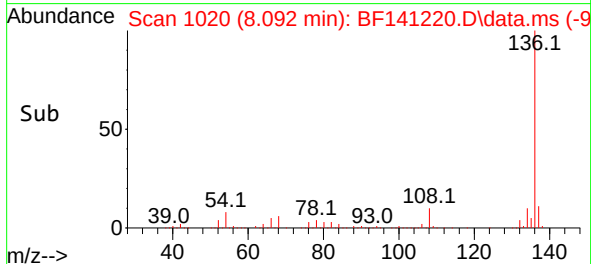
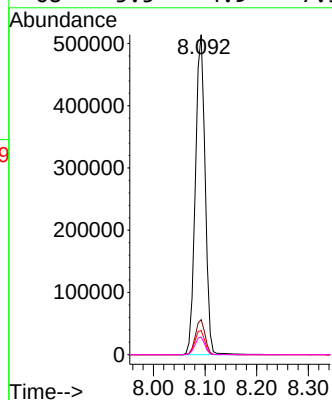
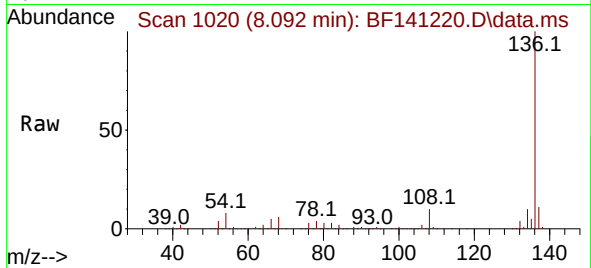




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

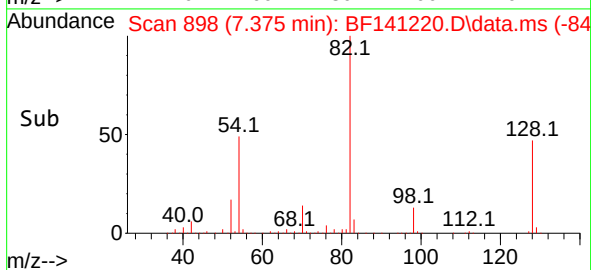
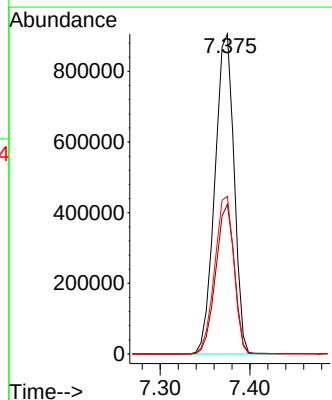
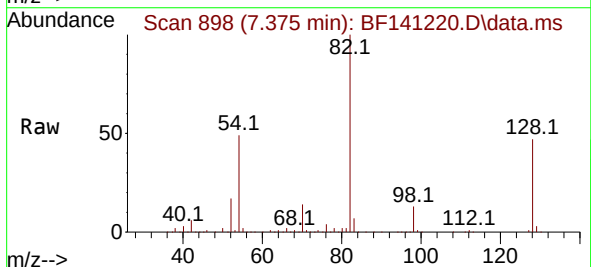
Instrument :
BNA_F
ClientSampleId :
TAPIAL1-MW04S-011525-00-T2

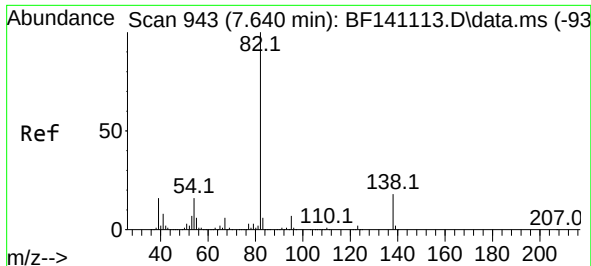
Tgt Ion:136	Resp: 674085
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 7.6	6.3 9.5
68 5.5	4.9 7.3



#23
Nitrobenzene-d5
Concen: 105.583 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

Tgt Ion: 82		Resp: 1342653	
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	49.2	41.0	61.4

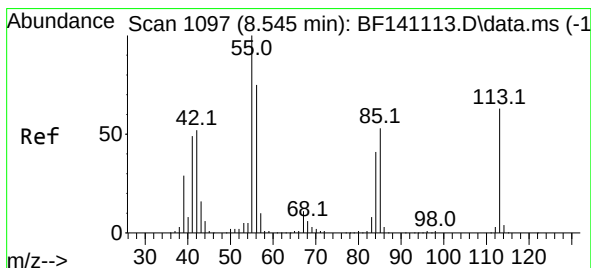
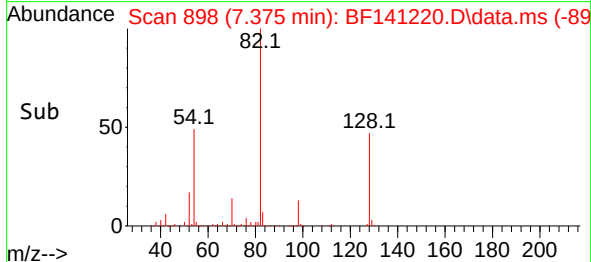
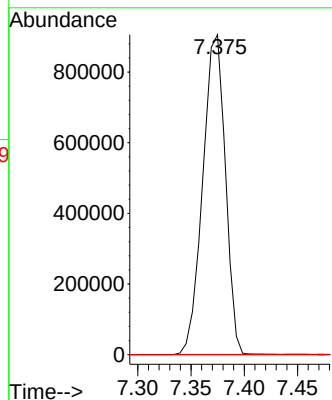
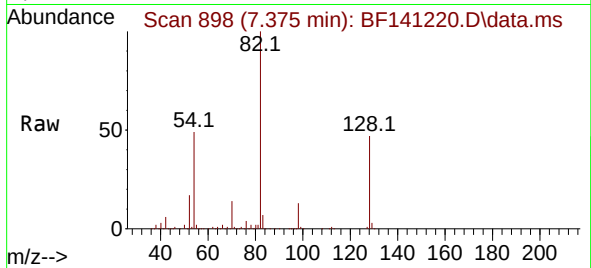




#25
Isophorone
Concen: 61.408 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

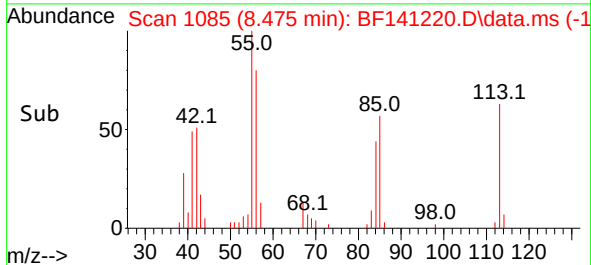
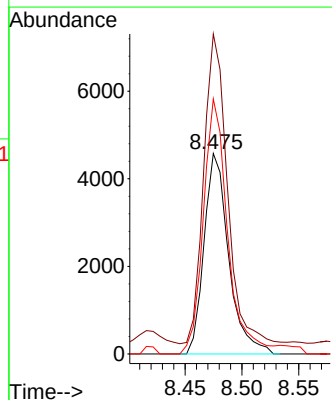
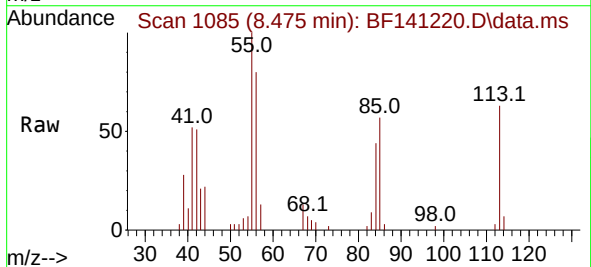
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ClientSampleId :
TAPIAL1-MW04S-011525-00-T2

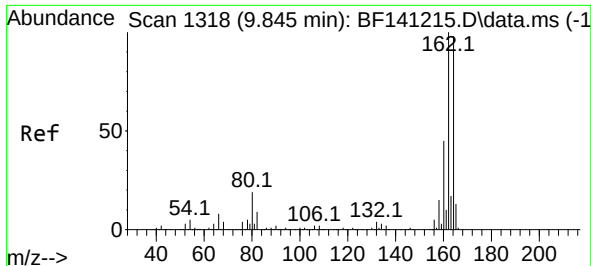
Tgt Ion: 82 Resp: 1334520
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#35
Caprolactam
Concen: 2.177 ng
RT: 8.475 min Scan# 1085
Delta R.T. -0.071 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

Tgt Ion: 113 Resp: 6883
Ion Ratio Lower Upper
113 100
55 159.6 139.7 179.7
56 127.2 99.4 139.4

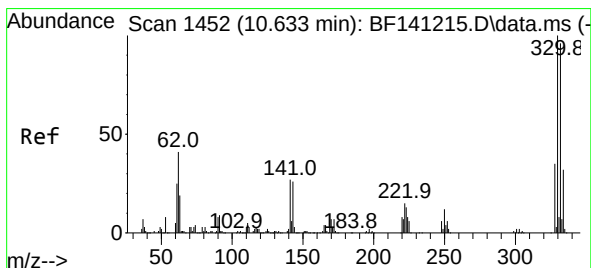
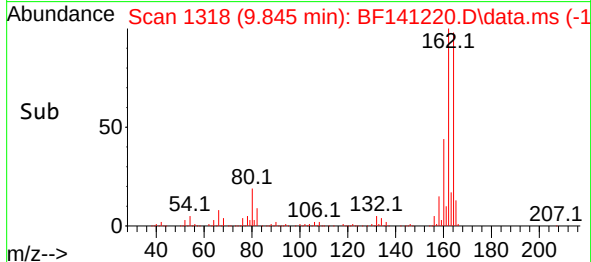
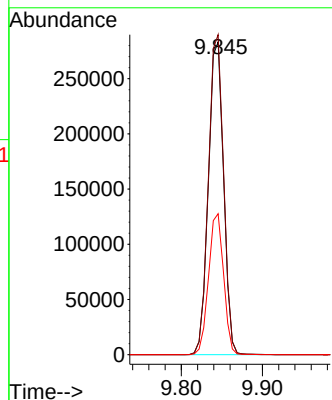
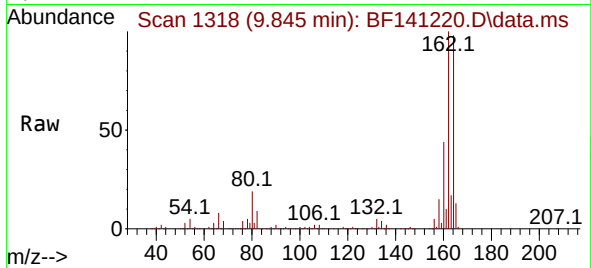




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

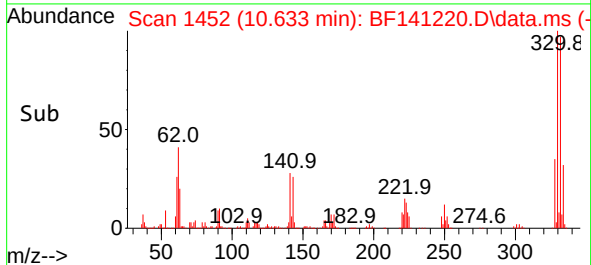
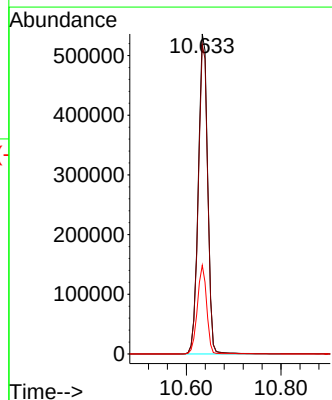
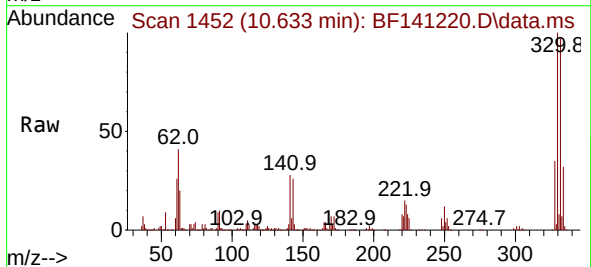
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ClientSampleId :
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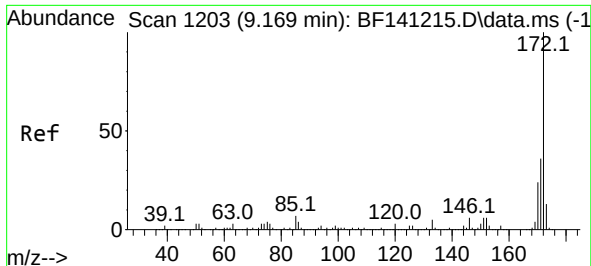
Tgt Ion:164 Resp: 366570
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.4
160 45.1 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 176.297 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

Tgt Ion:330 Resp: 736362
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 27.6 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 99.817 ng

RT: 9.169 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141220.D

Acq: 20 Jan 2025 14:13

Instrument :

BNA_F

ClientSampleId :

TAPIAL1-MW04S-011525-00-T2

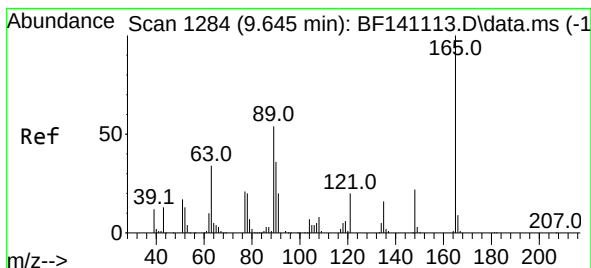
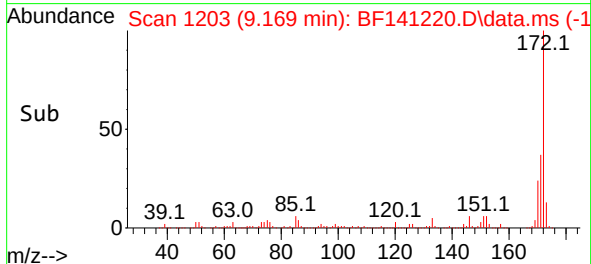
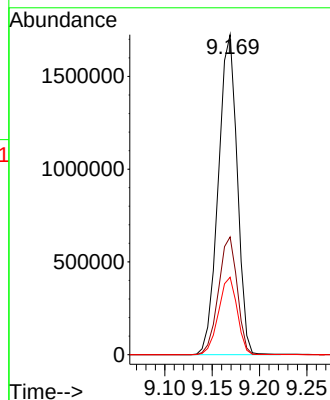
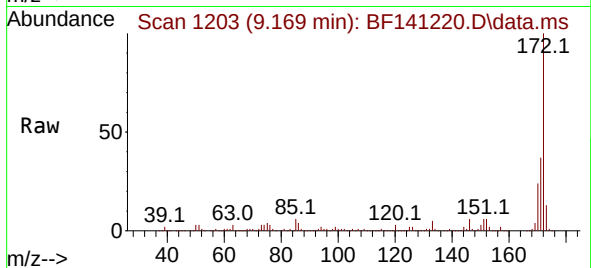
Tgt Ion:172 Resp: 2396135

Ion Ratio Lower Upper

172 100

171 36.8 28.7 43.1

170 24.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.504 ng

RT: 9.845 min Scan# 1318

Delta R.T. 0.200 min

Lab File: BF141220.D

Acq: 20 Jan 2025 14:13

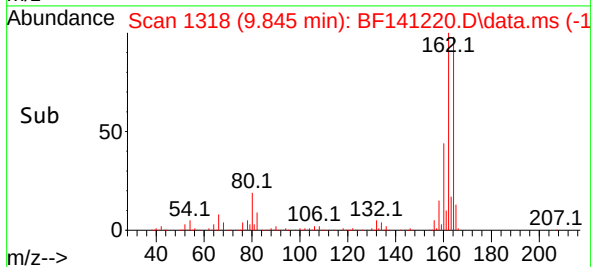
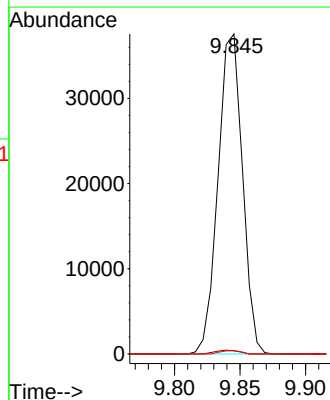
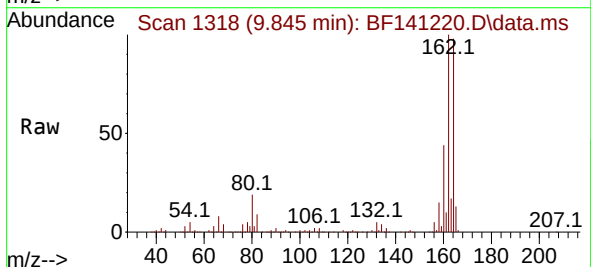
Tgt Ion:165 Resp: 48667

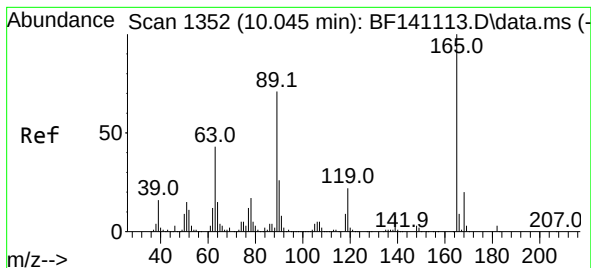
Ion Ratio Lower Upper

165 100

63 1.0 42.3 63.5#

89 1.0 43.1 64.7#

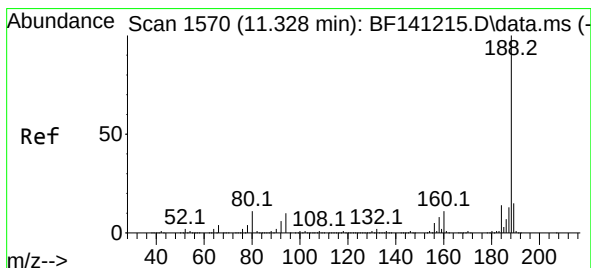
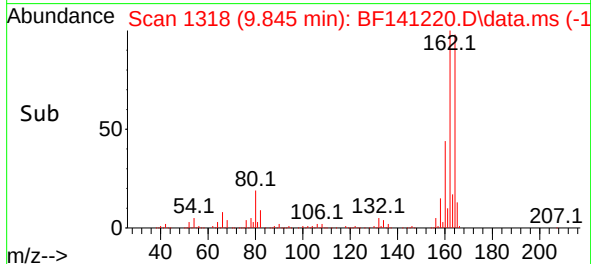
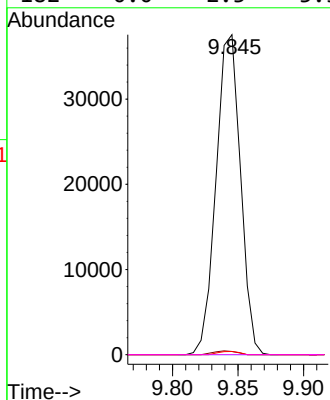
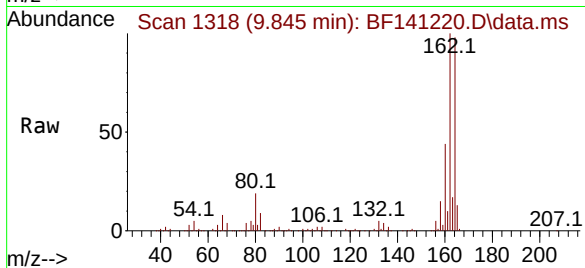




#57
2,4-Dinitrotoluene
Concen: 6.599 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

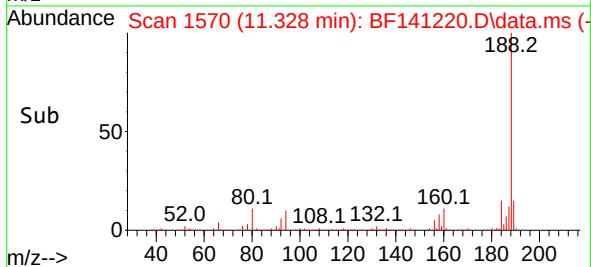
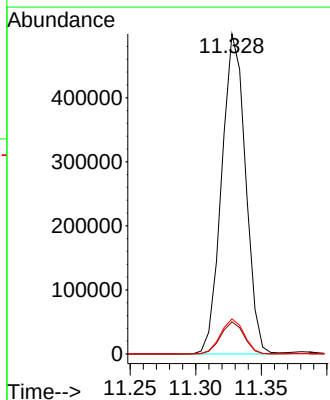
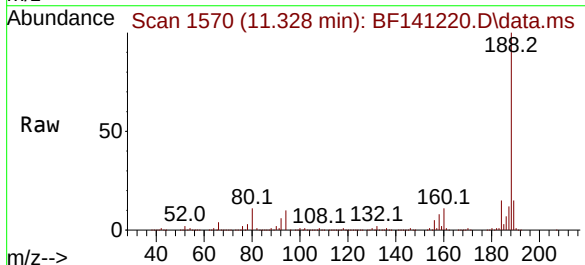
Instrument :
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TAPIAL1-MW04S-011525-00-T2

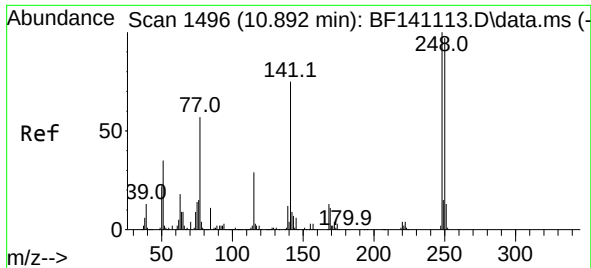
Tgt Ion:165 Resp: 48667
Ion Ratio Lower Upper
165 100
63 1.0 35.0 52.4#
89 1.0 56.7 85.1#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. -0.018 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

Tgt Ion:188 Resp: 632498
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.0 9.0 13.4

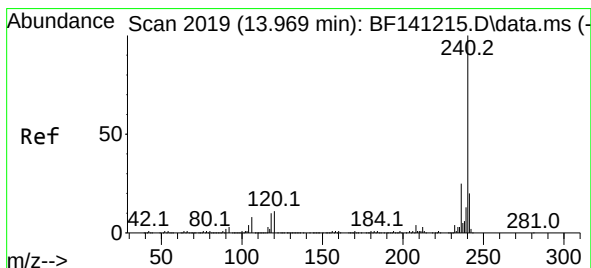
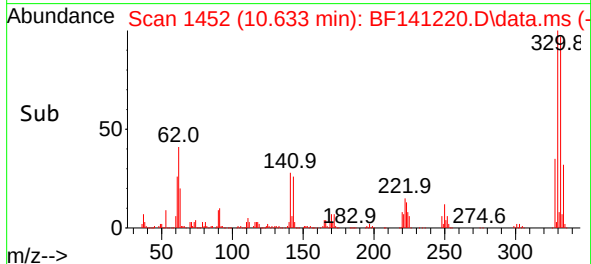
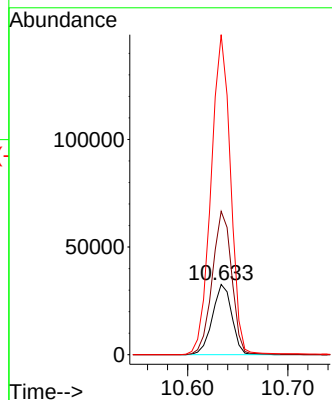
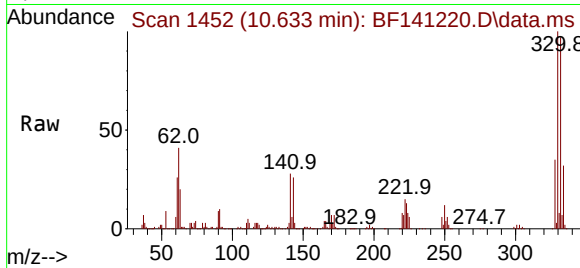




#67
4-Bromophenyl-phenylether
Concen: 6.037 ng
RT: 10.633 min Scan# 1496
Delta R.T. -0.259 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

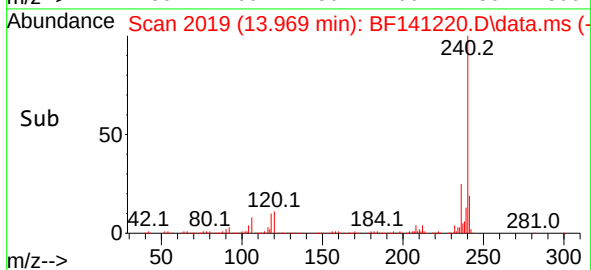
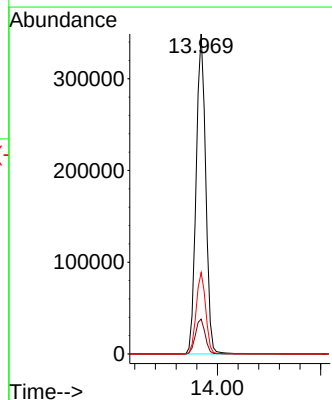
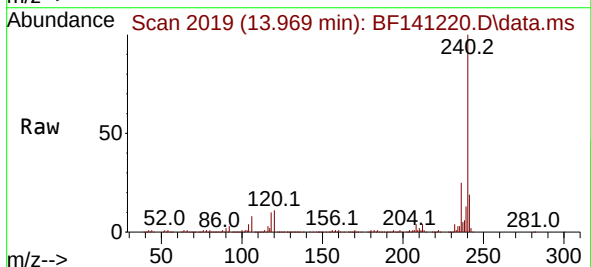
Instrument :
BNA_F
ClientSampleId :
TAPIAL1-MW04S-011525-00-T2

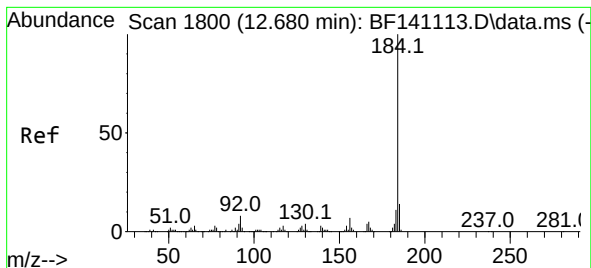
Tgt Ion:248 Resp: 43961
Ion Ratio Lower Upper
248 100
250 204.2 77.9 116.9#
141 455.7 59.9 89.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

Tgt Ion:240 Resp: 448689
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 25.5 19.8 29.6





#77

Benzidine

Concen: 4.255 ng

RT: 12.922 min Scan# 1841

Delta R.T. 0.241 min

Lab File: BF141220.D

Acq: 20 Jan 2025 14:13

Instrument :

BNA_F

ClientSampleId :

TAPIAL1-MW04S-011525-00-T2

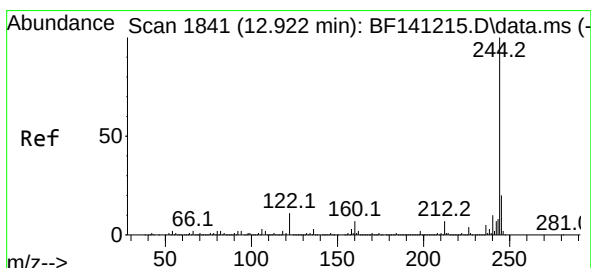
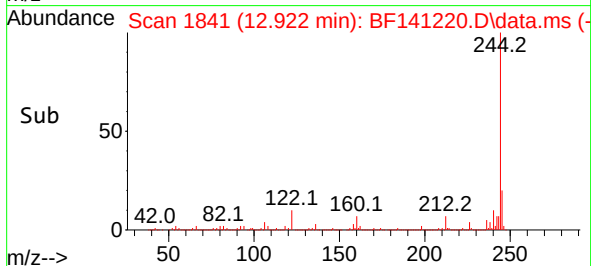
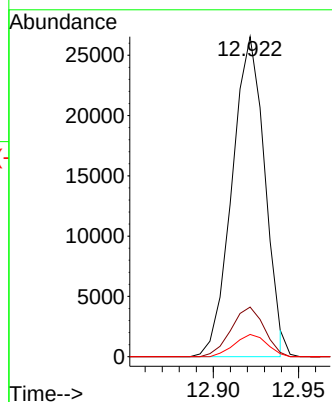
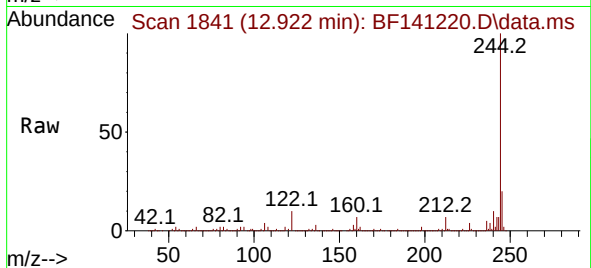
Tgt Ion:184 Resp: 35402

Ion Ratio Lower Upper

184 100

185 15.5 11.4 17.0

183 6.9 9.2 13.8#



#79

Terphenyl-d14

Concen: 93.037 ng

RT: 12.922 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141220.D

Acq: 20 Jan 2025 14:13

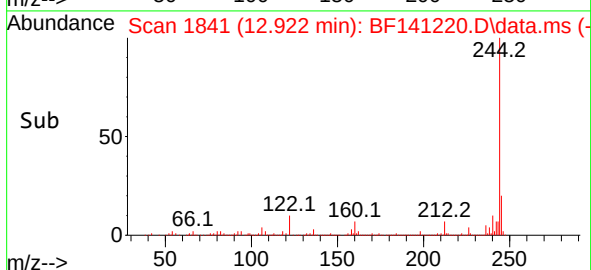
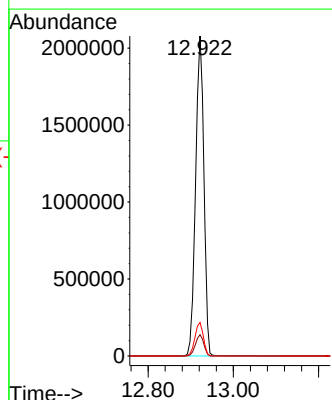
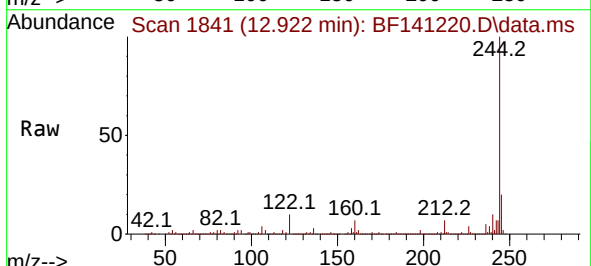
Tgt Ion:244 Resp: 2808633

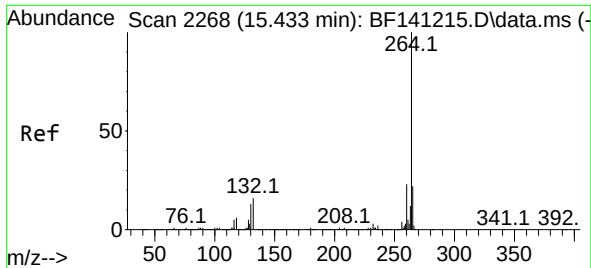
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

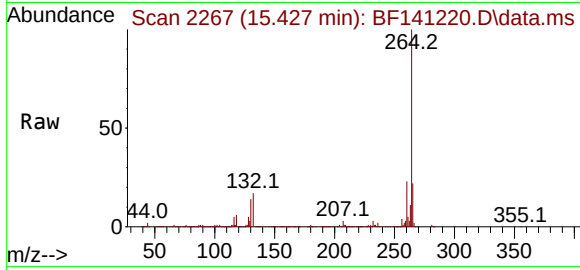
122 10.5 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141220.D
Acq: 20 Jan 2025 14:13

Instrument :
BNA_F
ClientSampleId :
TAPIAL1-MW04S-011525-00-T2



Tgt Ion:264 Resp: 364729
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.7 17.4 26.0

