

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012425\
 Data File : BF141257.D
 Acq On : 24 Jan 2025 12:43
 Operator : RC/JU
 Sample : PB166216BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166216BL

Quant Time: Jan 25 00:59:45 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)

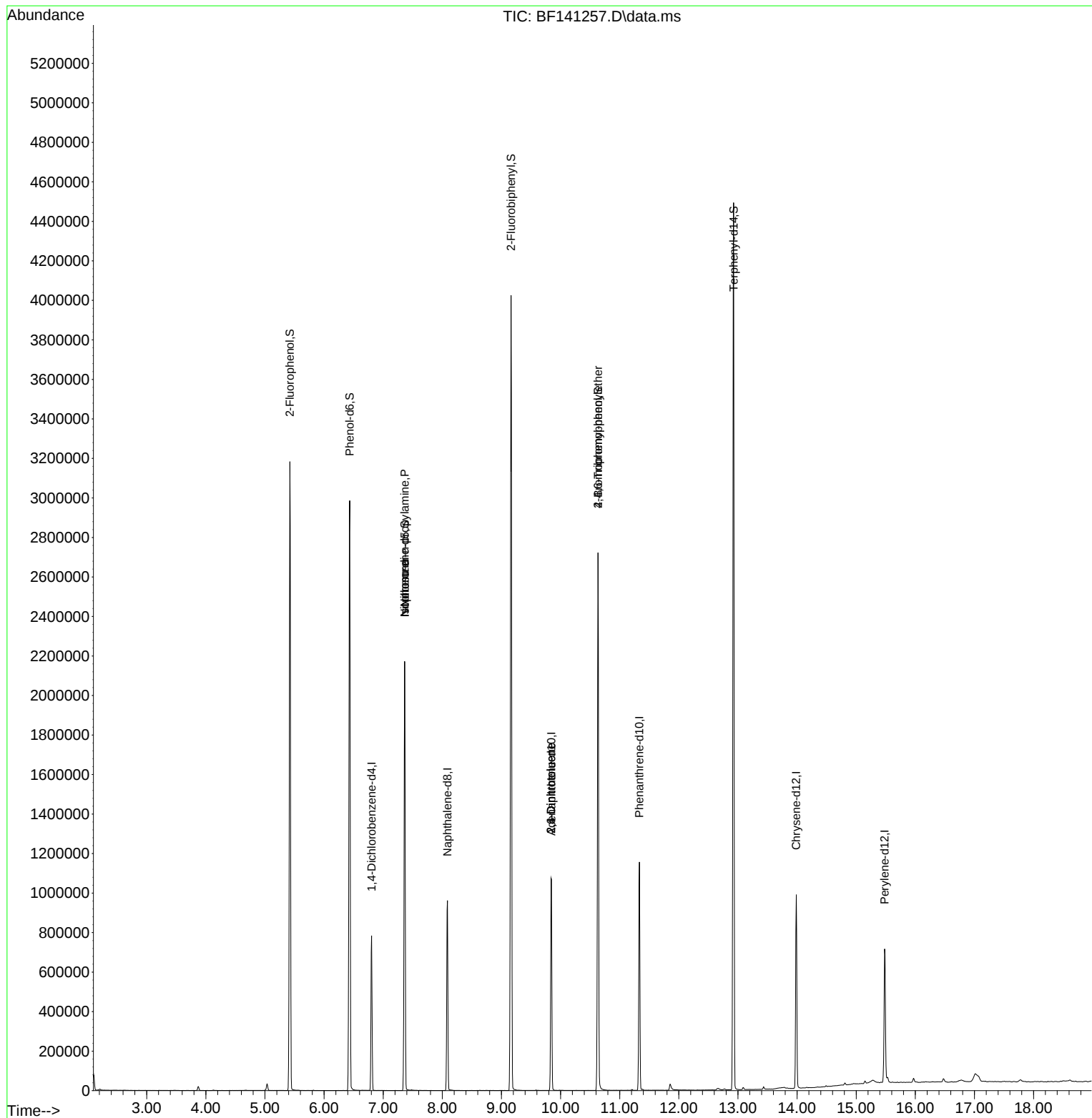
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	164607	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	655572	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	350524	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	596656	20.000	ng	-0.01
76) Chrysene-d12	13.986	240	475406	20.000	ng	0.00
86) Perylene-d12	15.480	264	414180	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1280785	120.199	ng	0.00
7) Phenol-d6	6.434	99	1594924	118.165	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1021226	82.575	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	539990	135.201	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1959222	85.353	ng	-0.02
79) Terphenyl-d14	12.927	244	2353117	73.568	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	135449	17.036	ng	# 75
25) Isophorone	7.363	82	1014853	48.017	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	45206	8.261	ng	# 27
57) 2,4-Dinitrotoluene	9.839	165	45206	6.410	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	32488	4.729	ng	# 1

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

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Quant Time: Jan 25 00:59:45 2025
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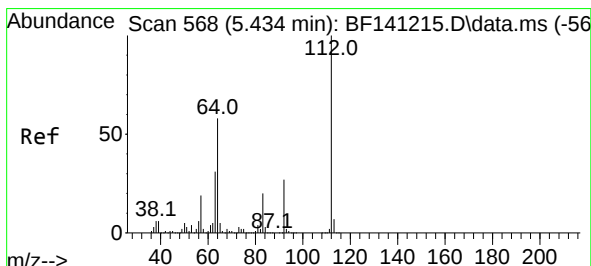
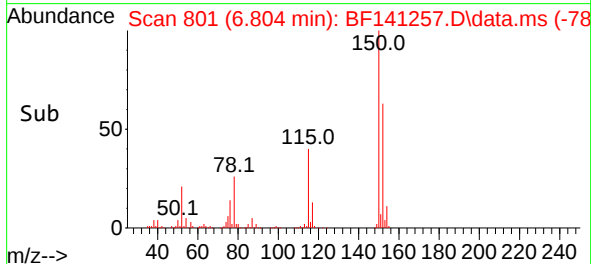
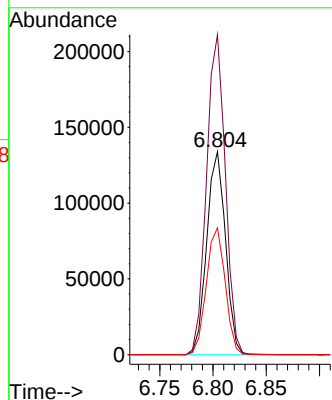
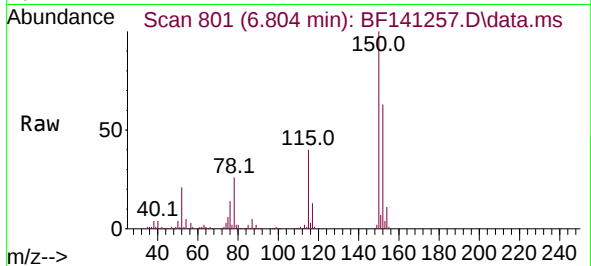




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.018 min
Lab File: BF141257.D
Acq: 24 Jan 2025 12:43

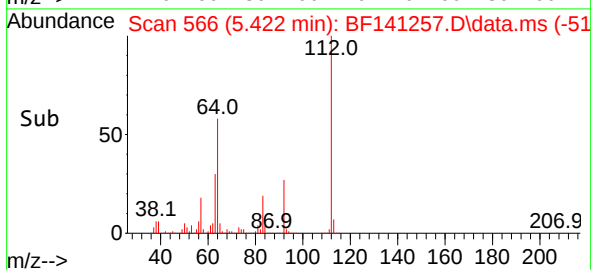
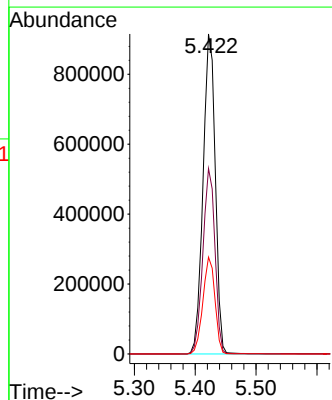
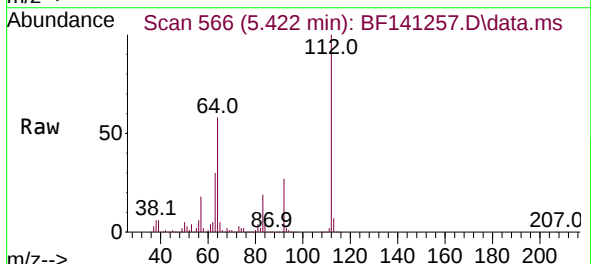
Instrument :
BNA_F
ClientSampleId :
PB166216BL

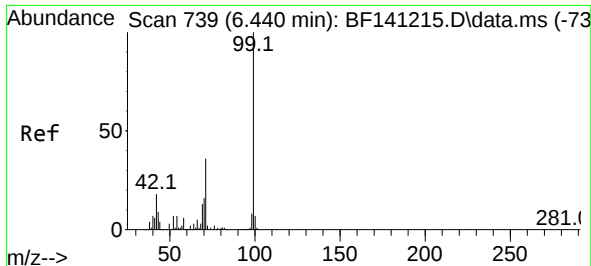
Tgt Ion:152 Resp: 164607
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.8
115 62.5 51.4 77.2



#5
2-Fluorophenol
Concen: 120.199 ng
RT: 5.422 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF141257.D
Acq: 24 Jan 2025 12:43

Tgt Ion:112 Resp: 1280785
Ion Ratio Lower Upper
112 100
64 57.9 47.3 70.9
63 30.2 24.2 36.2





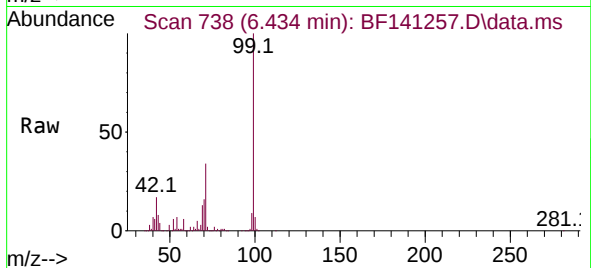
#7
Phenol-d6
Concen: 118.165 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141257.D
Acq: 24 Jan 2025 12:43

Instrument :

BNA_F

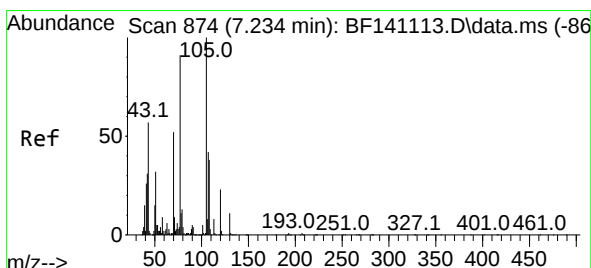
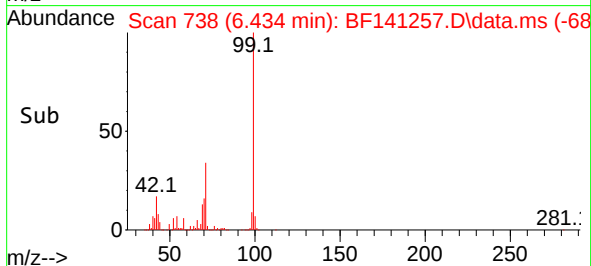
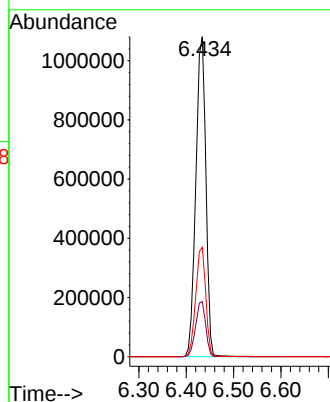
ClientSampleId :

PB166216BL



Tgt Ion: 99 Resp: 1594924

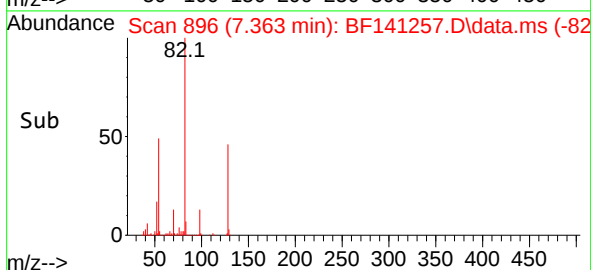
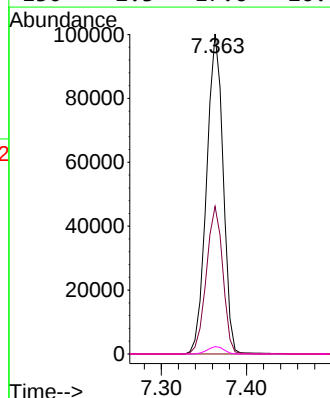
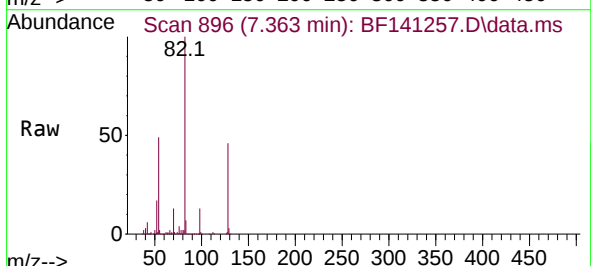
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	34.2	27.6	41.4

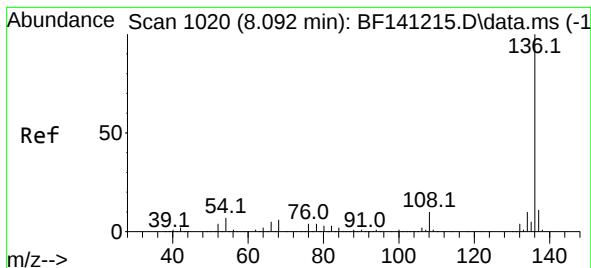


#19
n-Nitroso-di-n-propylamine
Concen: 17.036 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.129 min
Lab File: BF141257.D
Acq: 24 Jan 2025 12:43

Tgt Ion: 70 Resp: 135449

Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.8	71.6#
101	0.0	7.9	11.9#
130	2.3	17.6	26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.086 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141257.D

Acq: 24 Jan 2025 12:43

Instrument :

BNA_F

ClientSampleId :

PB166216BL

Tgt Ion:136 Resp: 655572

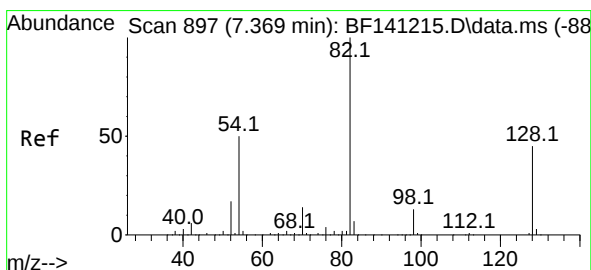
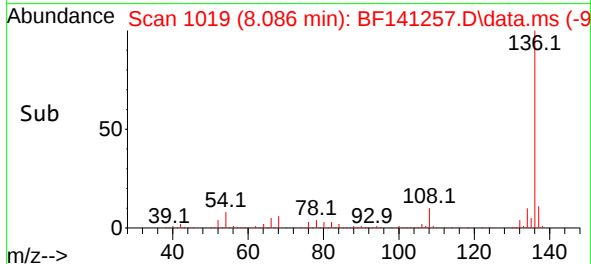
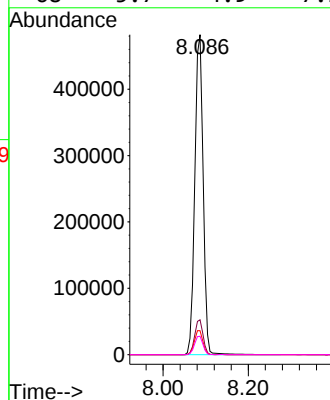
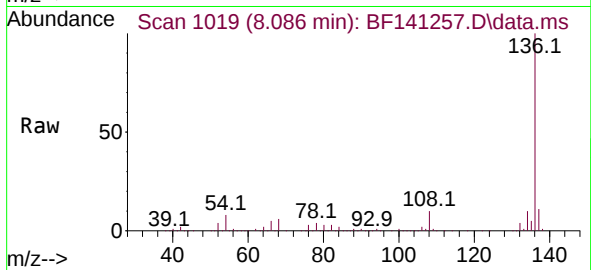
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.5 6.3 9.5

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 82.575 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.024 min

Lab File: BF141257.D

Acq: 24 Jan 2025 12:43

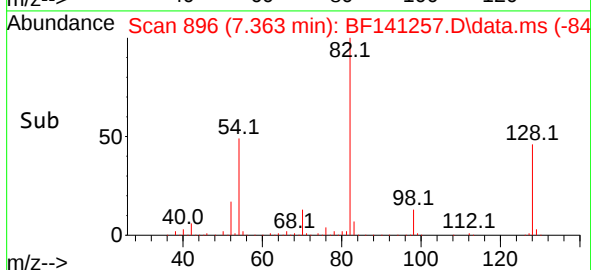
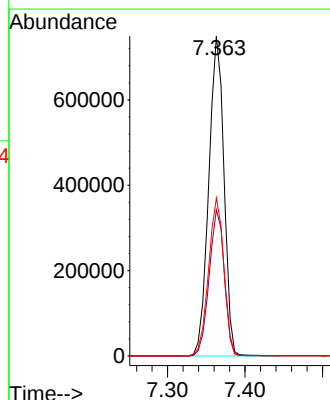
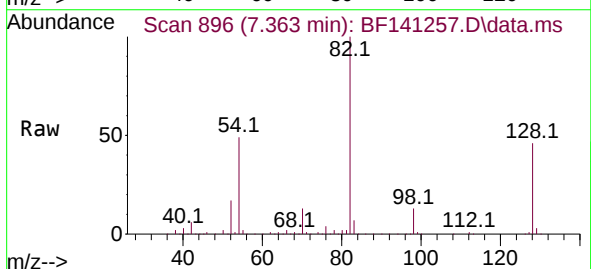
Tgt Ion: 82 Resp: 1021226

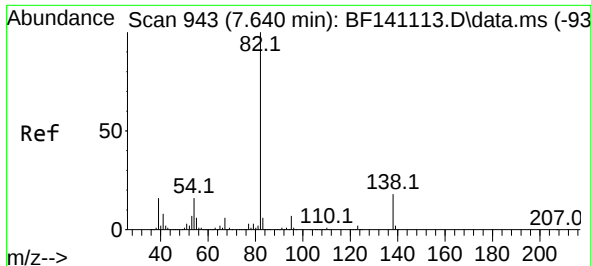
Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

54 49.3 41.0 61.4

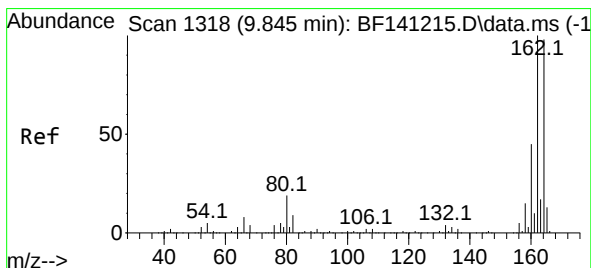
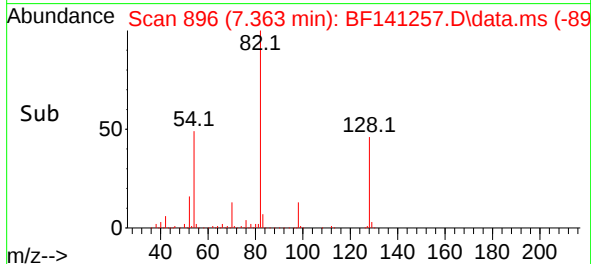
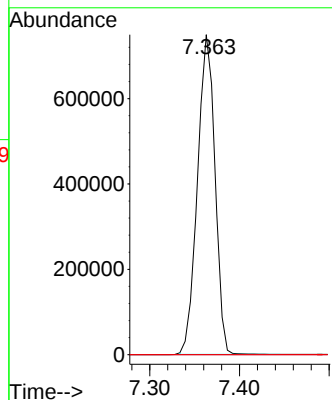
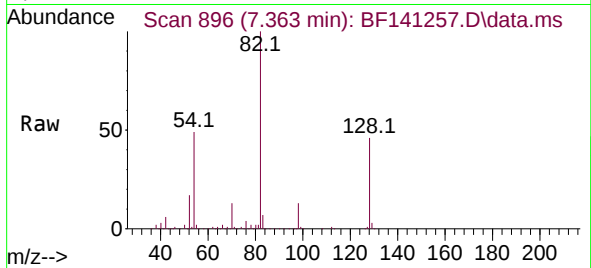




#25
Isophorone
Concen: 48.017 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.277 min
Lab File: BF141257.D
Acq: 24 Jan 2025 12:43

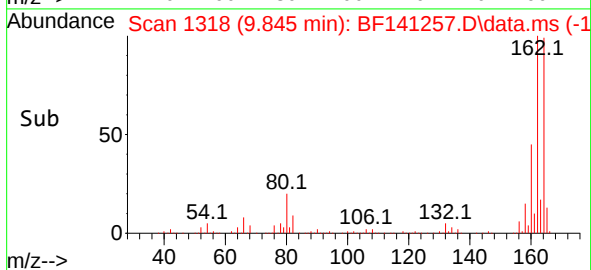
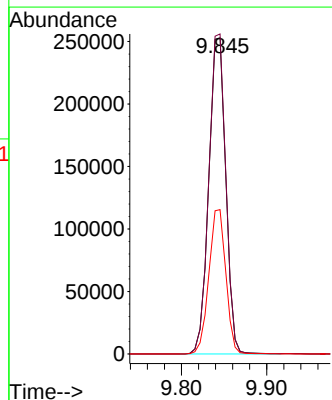
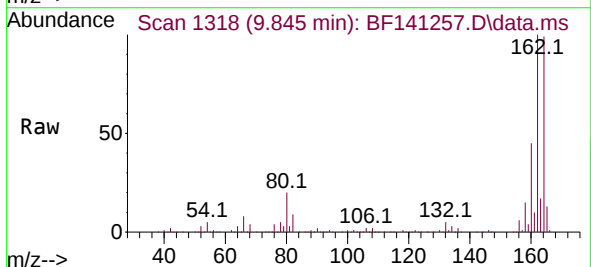
Instrument :
BNA_F
ClientSampleId :
PB166216BL

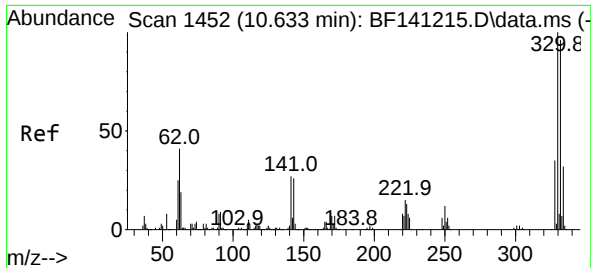
Tgt Ion: 82 Resp: 1014853
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141257.D
Acq: 24 Jan 2025 12:43

Tgt Ion:164 Resp: 350524
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 45.6 36.1 54.1

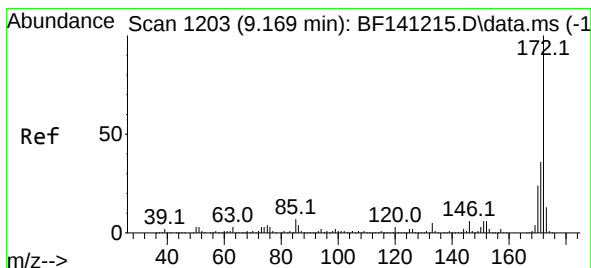
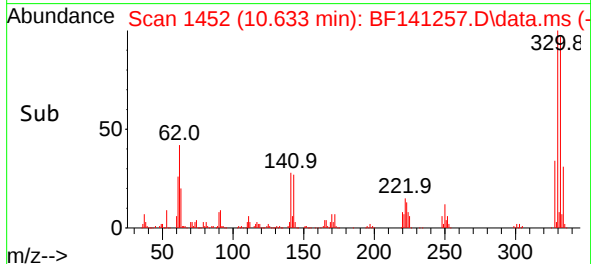
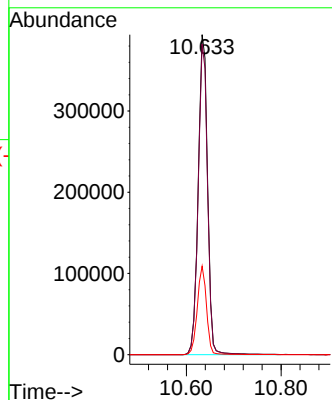
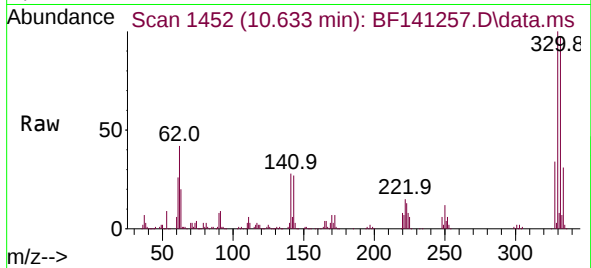




#42
 2,4,6-Tribromophenol
 Concen: 135.201 ng
 RT: 10.633 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF141257.D
 Acq: 24 Jan 2025 12:43

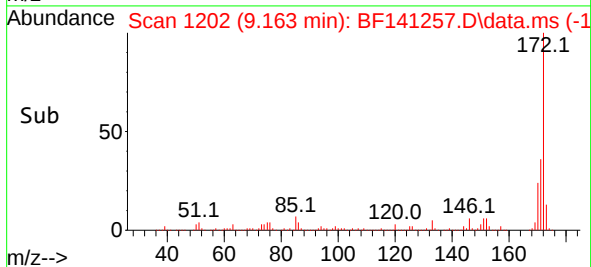
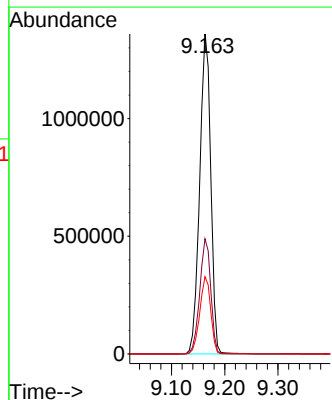
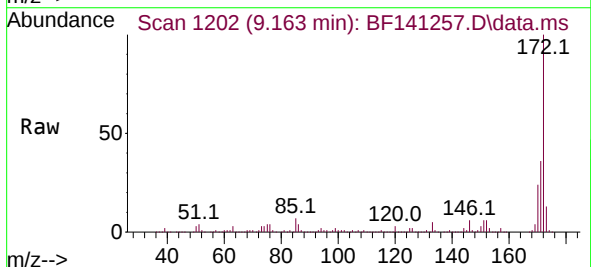
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 ClientSampleId :
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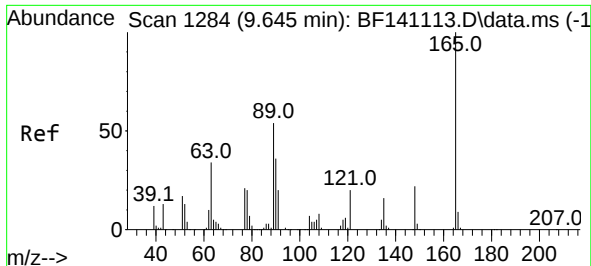
Tgt Ion:330 Resp: 539990
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.9 115.3
 141 27.3 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 85.353 ng
 RT: 9.163 min Scan# 1202
 Delta R.T. -0.018 min
 Lab File: BF141257.D
 Acq: 24 Jan 2025 12:43

Tgt Ion:172 Resp: 1959222
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.7 43.1
 170 24.1 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.261 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF141257.D

Acq: 24 Jan 2025 12:43

Instrument :

BNA_F

ClientSampleId :

PB166216BL

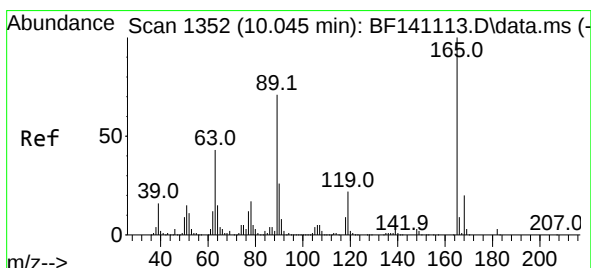
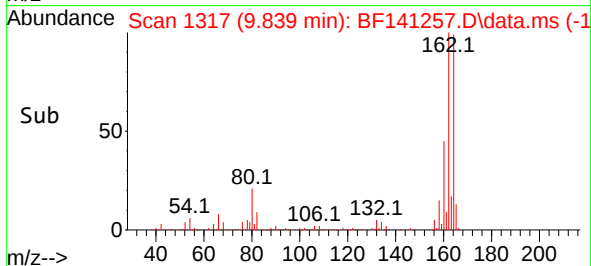
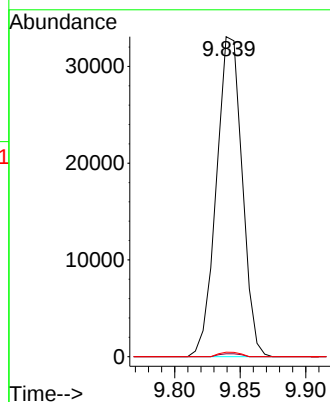
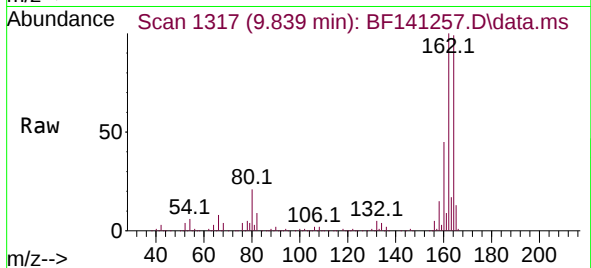
Tgt Ion:165 Resp: 45206

Ion Ratio Lower Upper

165 100

63 0.9 42.3 63.5#

89 1.4 43.1 64.7#



#57

2,4-Dinitrotoluene

Concen: 6.410 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.206 min

Lab File: BF141257.D

Acq: 24 Jan 2025 12:43

Tgt Ion:165 Resp: 45206

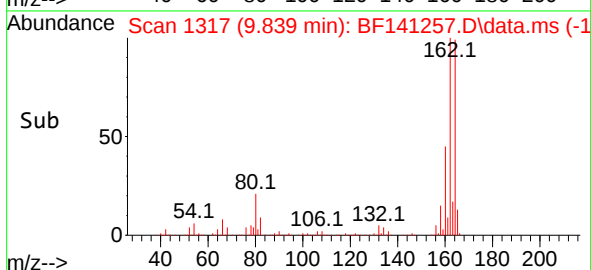
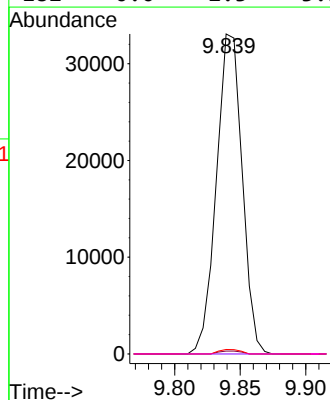
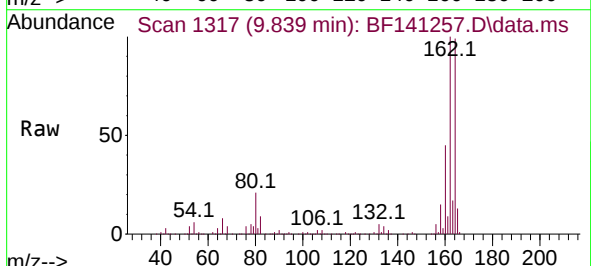
Ion Ratio Lower Upper

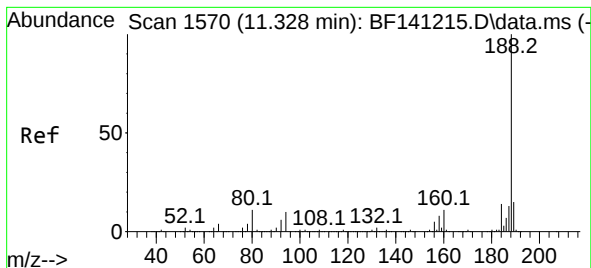
165 100

63 0.9 35.0 52.4#

89 1.4 56.7 85.1#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141257.D

Acq: 24 Jan 2025 12:43

Instrument :

BNA_F

ClientSampleId :

PB166216BL

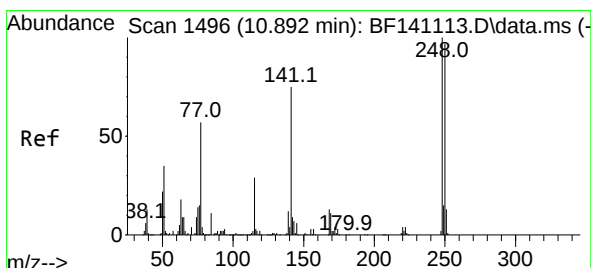
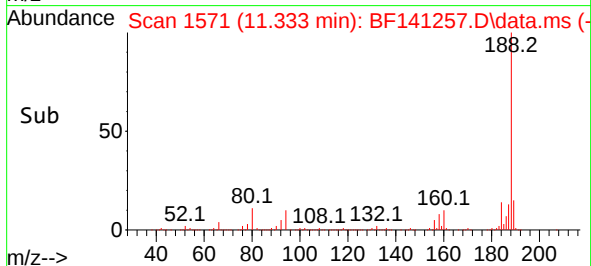
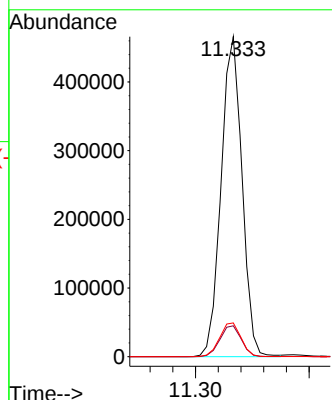
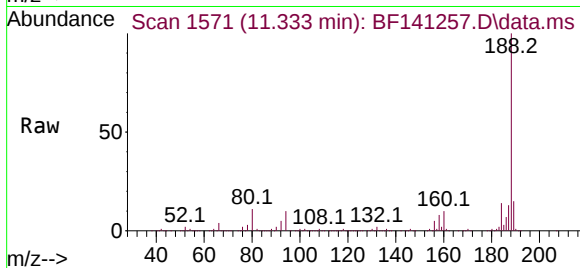
Tgt Ion:188 Resp: 596656

Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.5 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.729 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141257.D

Acq: 24 Jan 2025 12:43

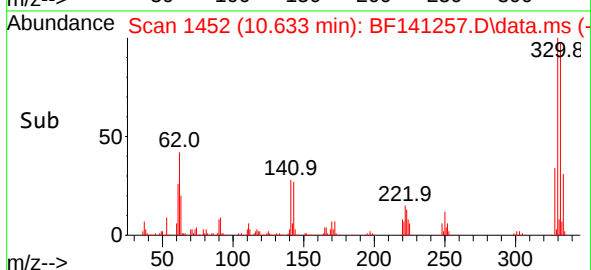
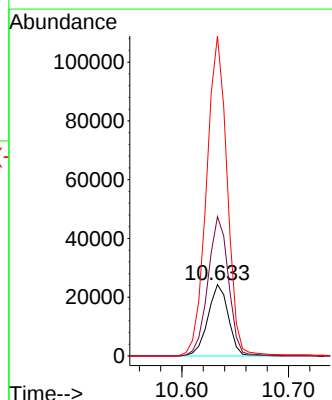
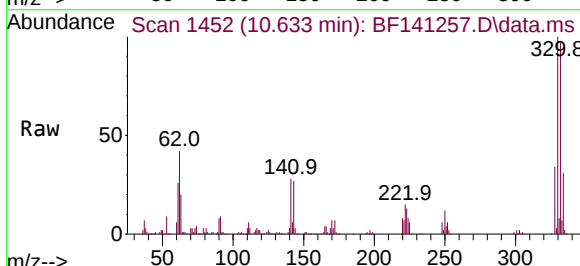
Tgt Ion:248 Resp: 32488

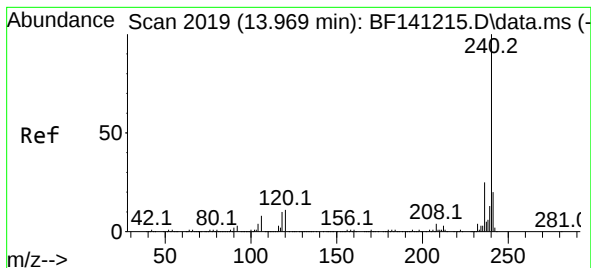
Ion Ratio Lower Upper

248 100

250 195.5 77.9 116.9#

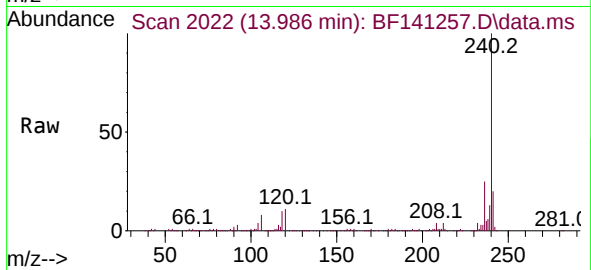
141 448.9 59.9 89.9#



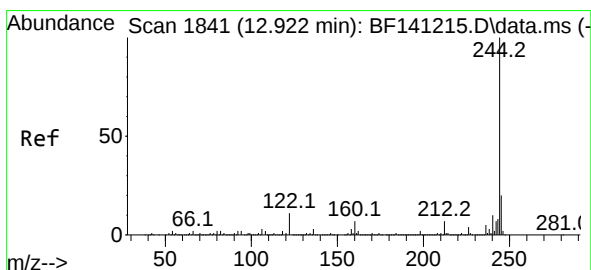
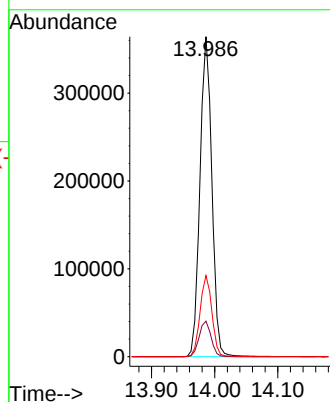
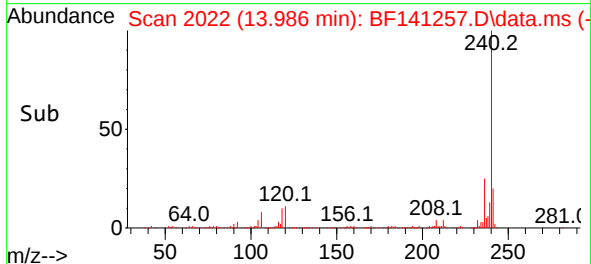


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF141257.D
Acq: 24 Jan 2025 12:43

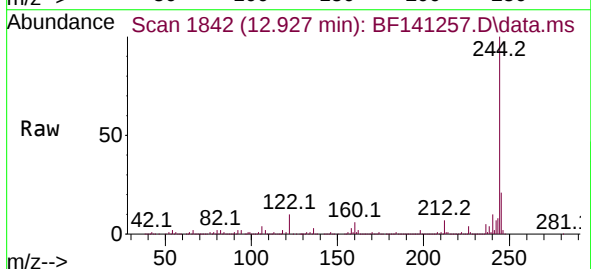
Instrument :
BNA_F
ClientSampleId :
PB166216BL



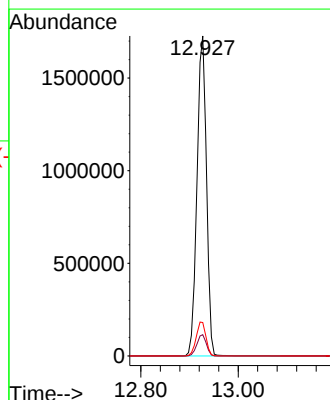
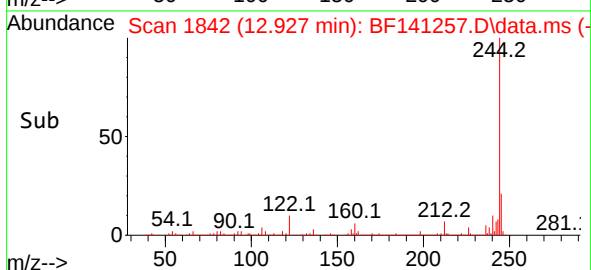
Tgt Ion:240 Resp: 475406
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 25.3 19.8 29.6

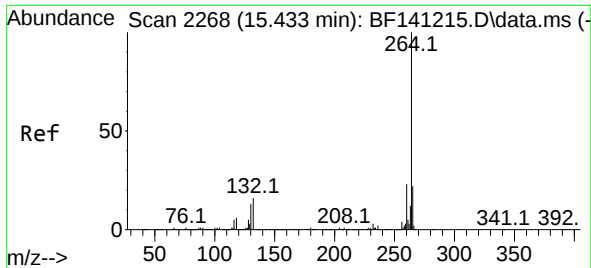


#79
Terphenyl-d14
Concen: 73.568 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141257.D
Acq: 24 Jan 2025 12:43



Tgt Ion:244 Resp: 2353117
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: 15.480 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF141257.D

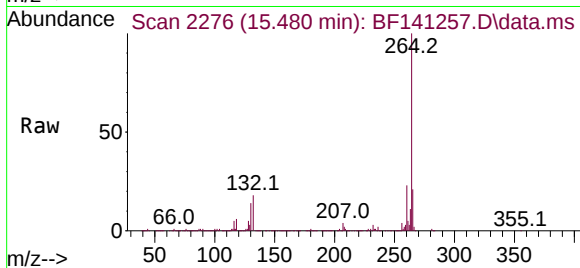
Acq: 24 Jan 2025 12:43

Instrument :

BNA_F

ClientSampleId :

PB166216BL



Tgt Ion:264 Resp: 414180

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 21.2 17.4 26.0

