

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141715.D
 Acq On : 21 Feb 2025 12:44
 Operator : RC/JU
 Sample : PB166796BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166796BL

Quant Time: Feb 21 13:05:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

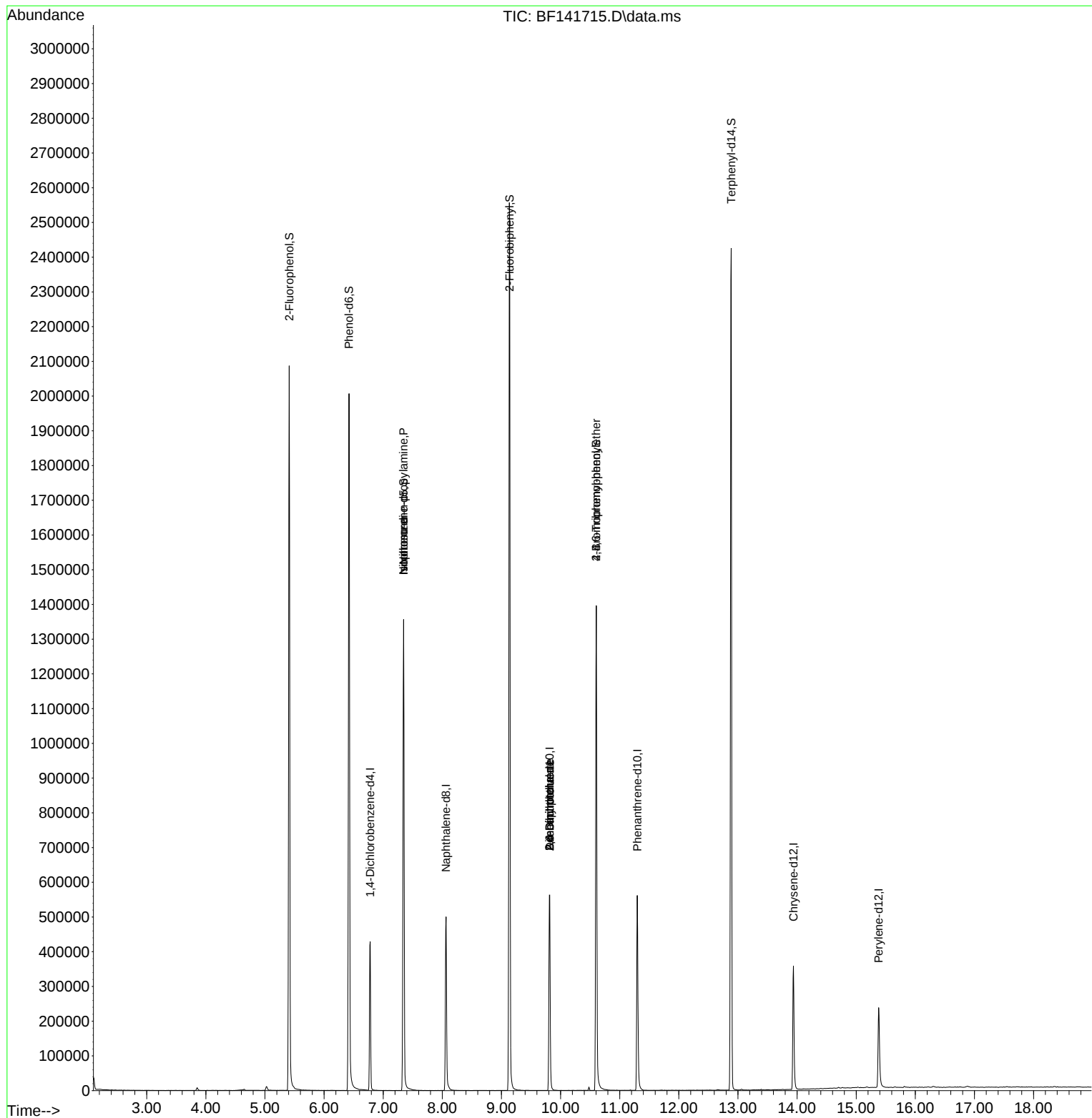
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	91406	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	366629	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	197465	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	331081	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	205959	20.000	ng	-0.02
86) Perylene-d12	15.380	264	164201	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	803503	137.812	ng	0.00
7) Phenol-d6	6.422	99	983929	133.520	ng	-0.02
23) Nitrobenzene-d5	7.345	82	651738	92.719	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	243959	122.986	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1210763	94.465	ng	-0.01
79) Terphenyl-d14	12.886	244	1273198	104.360	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	87158	19.773	ng	# 72
25) Isophorone	7.345	82	636470	56.788	ng	# 66
50) Dimethylphthalate	9.816	163	27875	2.079	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	24109	8.227	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	24109	6.180	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	16565	4.477	ng	# 1

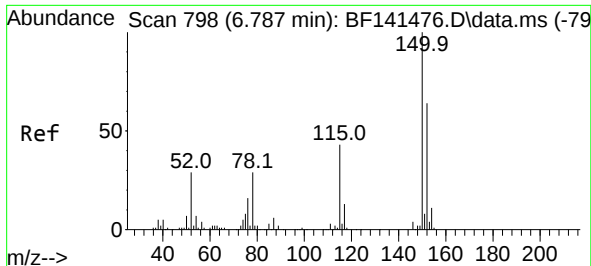
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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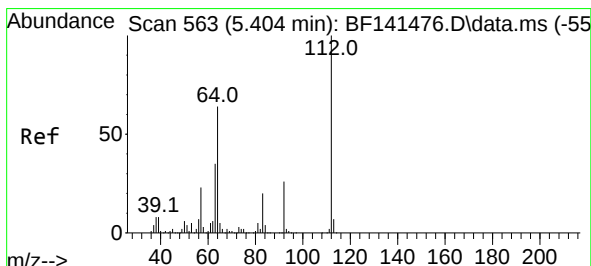
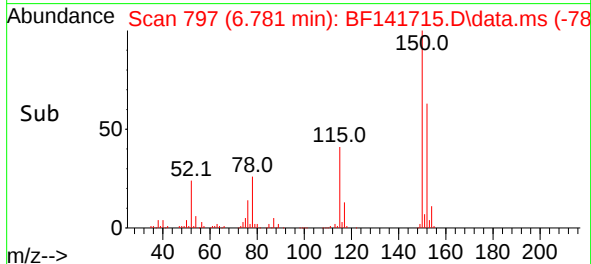
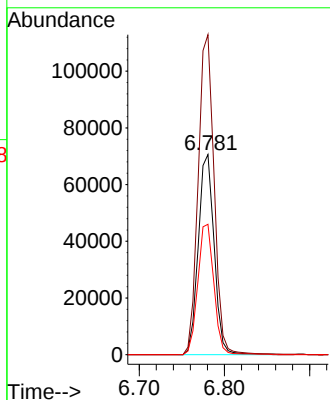
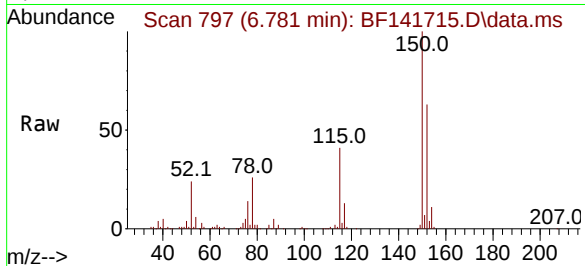




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

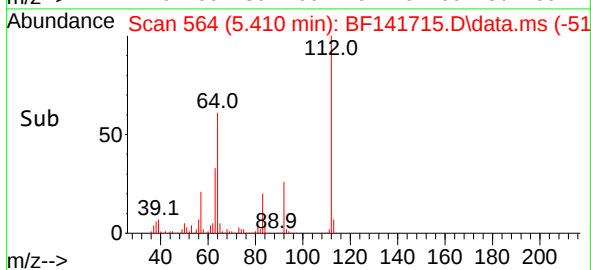
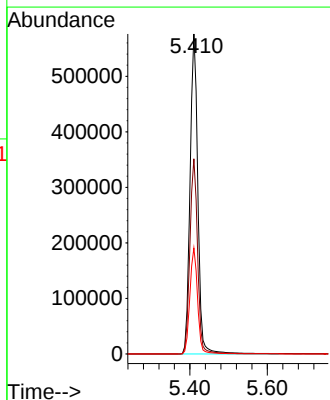
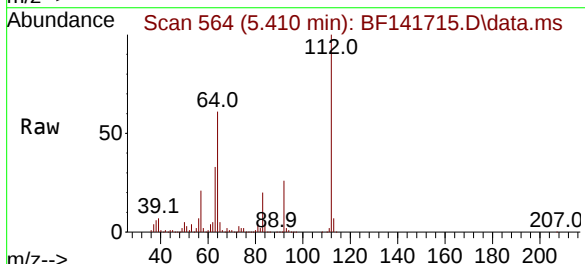
Instrument :
BNA_F
ClientSampleId :
PB166796BL

Tgt Ion:152 Resp: 91406
Ion Ratio Lower Upper
152 100
150 159.9 125.0 187.4
115 65.2 53.6 80.4



#5
2-Fluorophenol
Concen: 137.812 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

Tgt Ion:112 Resp: 803503
Ion Ratio Lower Upper
112 100
64 61.0 51.1 76.7
63 33.1 28.4 42.6





#7
Phenol-d6
Concen: 133.520 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

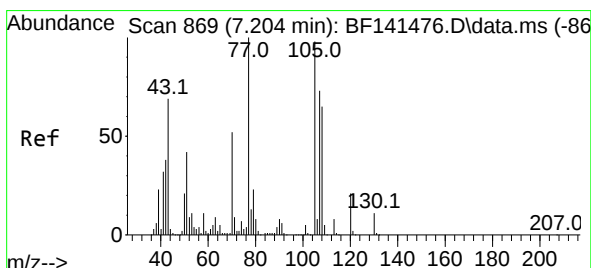
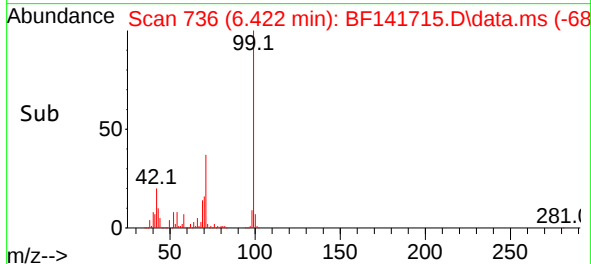
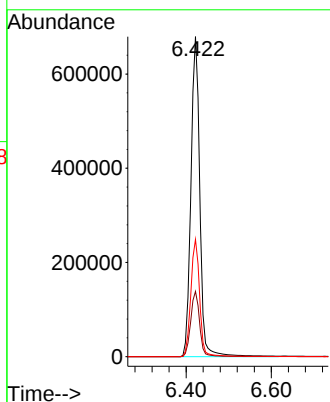
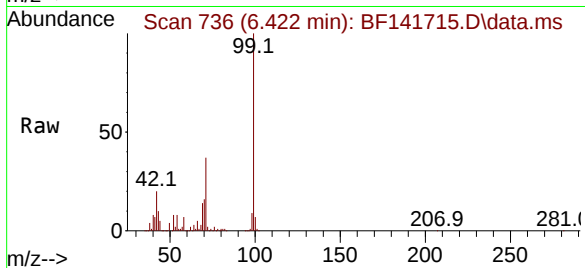
Instrument :

BNA_F

ClientSampleId :

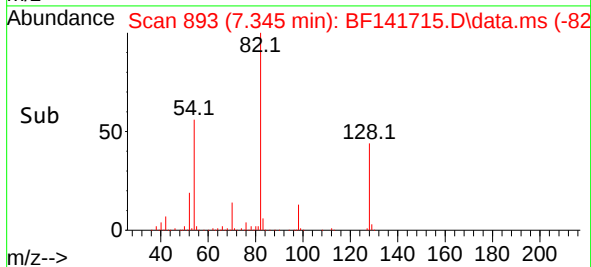
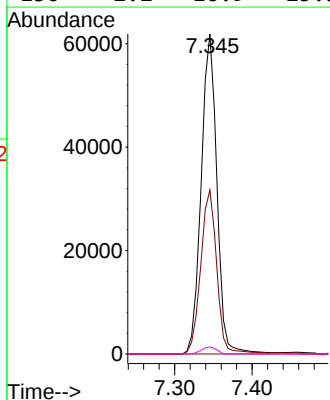
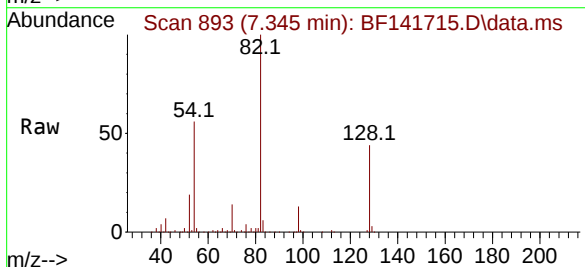
PB166796BL

Tgt Ion: 99 Resp: 983929
Ion Ratio Lower Upper
99 100
42 20.4 19.1 28.7
71 36.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.773 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

Tgt Ion: 70 Resp: 87158
Ion Ratio Lower Upper
70 100
42 51.2 57.4 86.2#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#

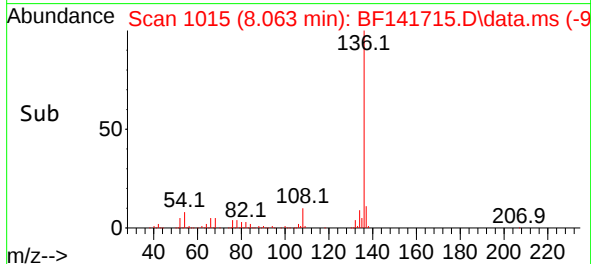
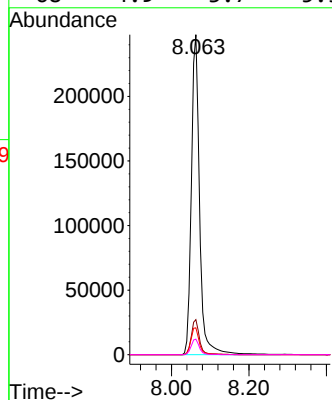
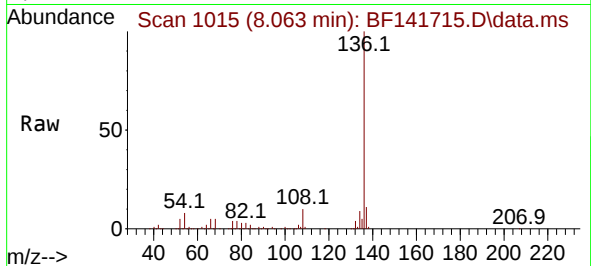




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

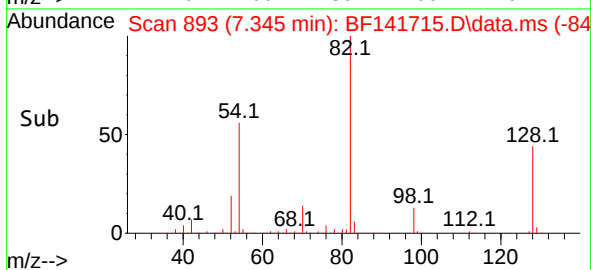
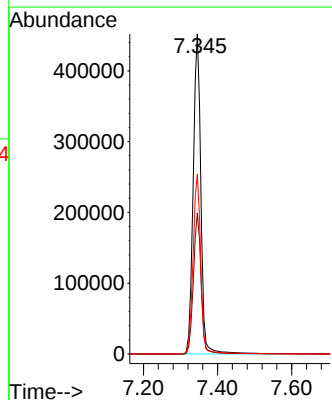
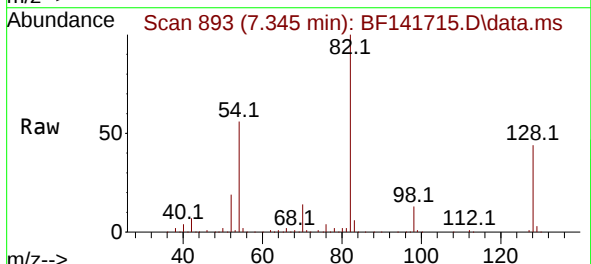
Instrument :
BNA_F
ClientSampleId :
PB166796BL

Tgt Ion:	136	Resp:	366629
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.4	7.2	10.8
68	4.9	3.7	5.5



#23
Nitrobenzene-d5
Concen: 92.719 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

Tgt Ion:	82	Resp:	651738
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.8	52.2
54	56.1	48.2	72.4

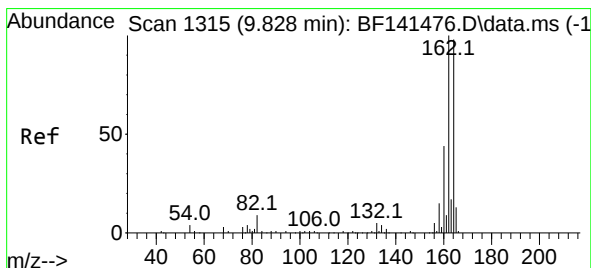
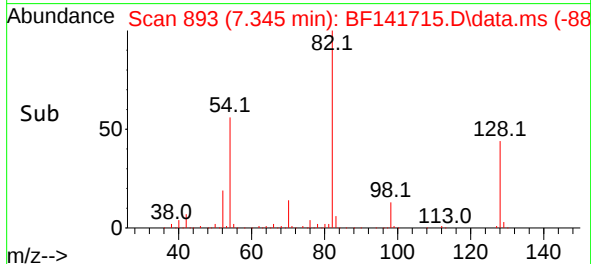
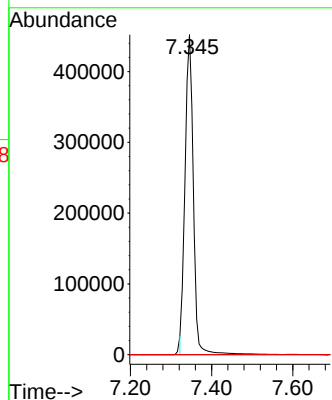
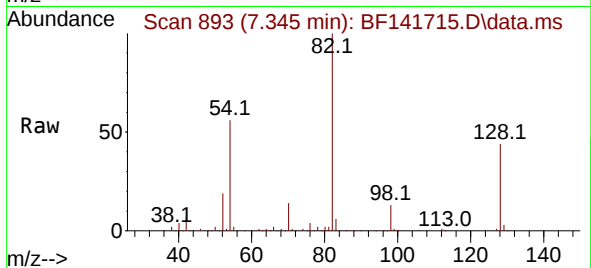




#25
Isophorone
Concen: 56.788 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

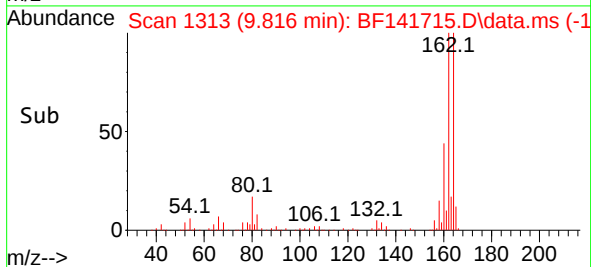
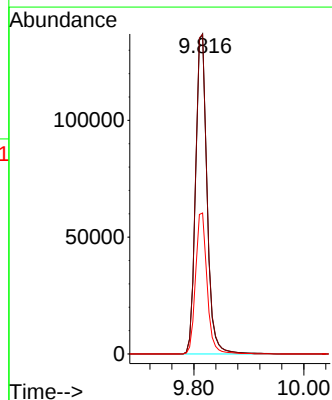
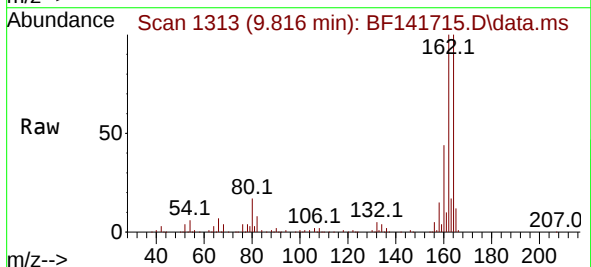
Instrument :
BNA_F
ClientSampleId :
PB166796BL

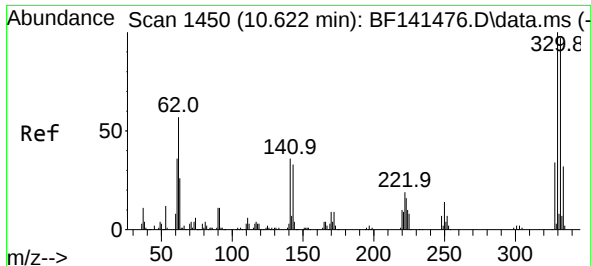
Tgt Ion: 82 Resp: 636470
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

Tgt Ion:164 Resp: 197465
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 122.986 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141715.D

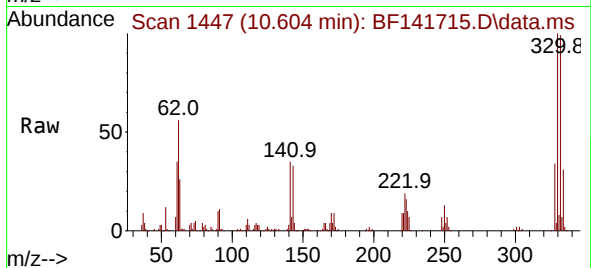
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Instrument :

BNA_F

ClientSampleId :

PB166796BL



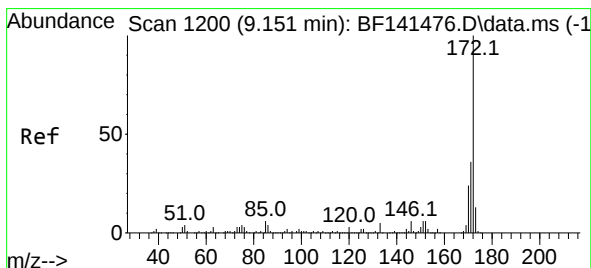
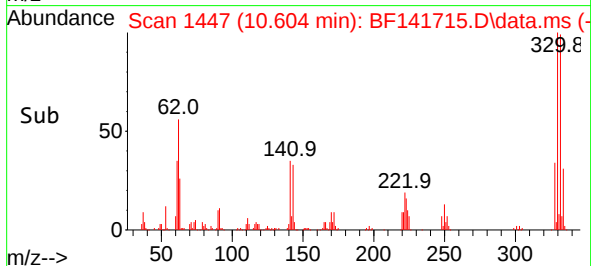
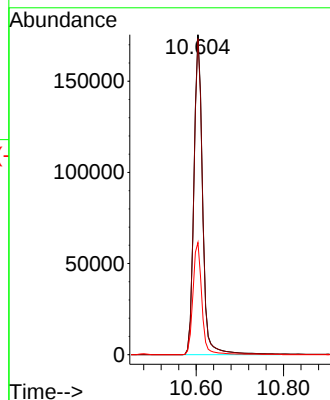
Tgt Ion:330 Resp: 243959

Ion Ratio Lower Upper

330 100

332 98.2 78.5 117.7

141 36.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 94.465 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141715.D

Acq: 21 Feb 2025 12:44

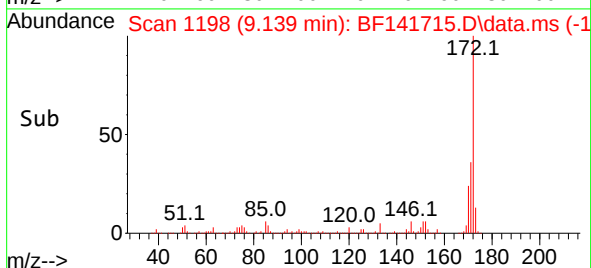
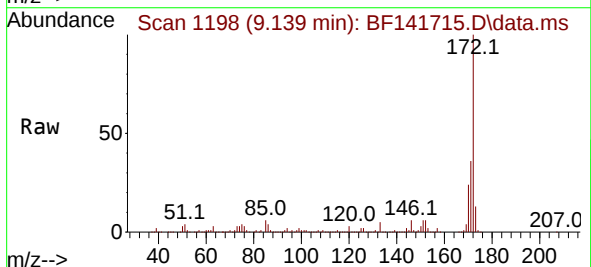
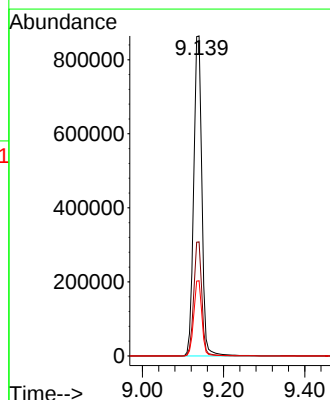
Tgt Ion:172 Resp: 1210763

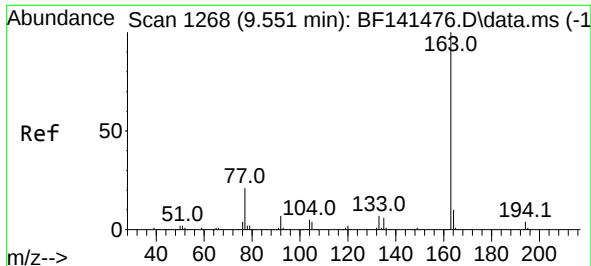
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.5 18.9 28.3

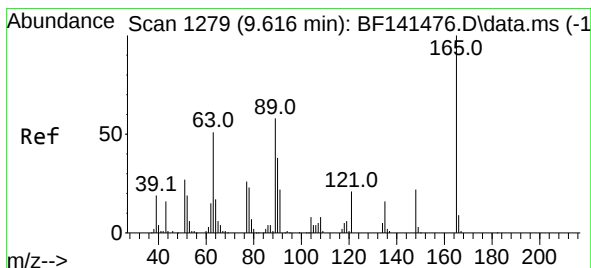
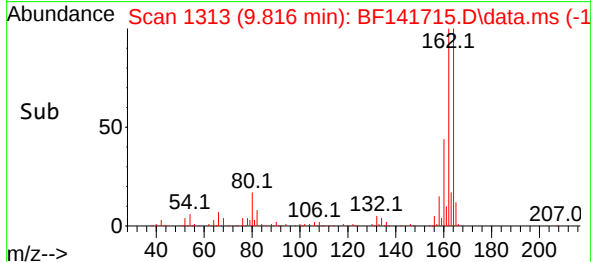
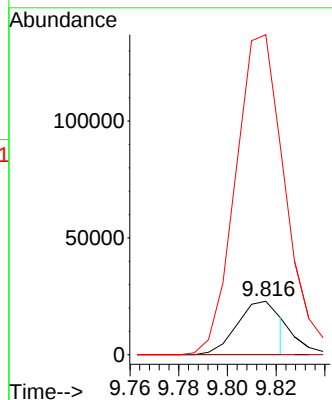
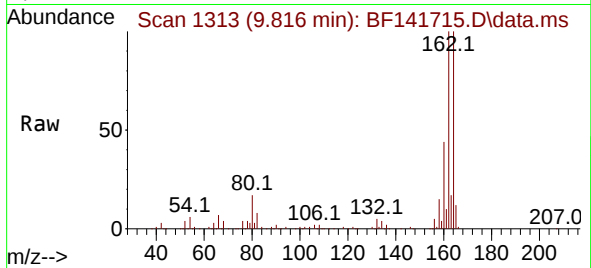




#50
 Dimethylphthalate
 Concen: 2.079 ng
 RT: 9.816 min Scan# 11
 Delta R.T. 0.253 min
 Lab File: BF141715.D
 Acq: 21 Feb 2025 12:44

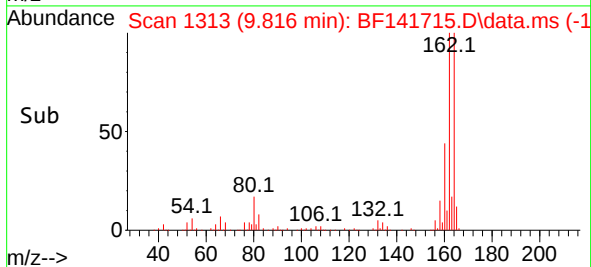
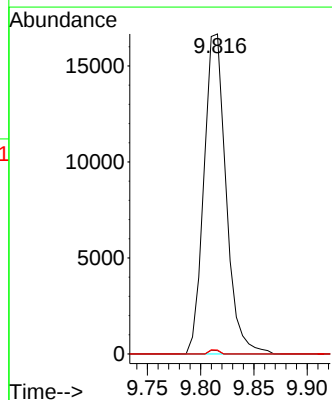
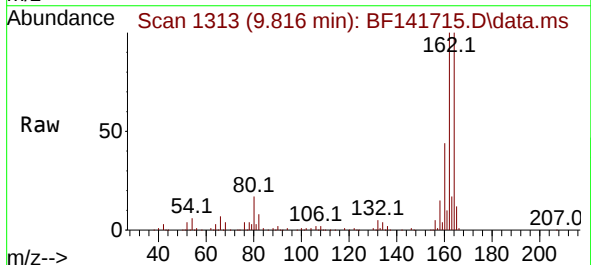
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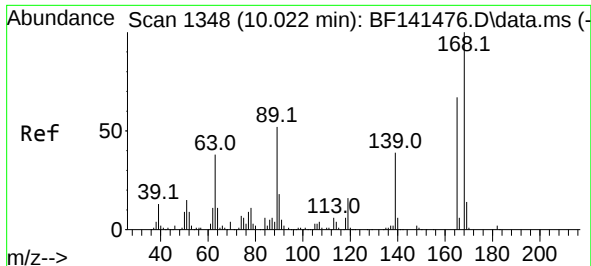
Tgt Ion:163 Resp: 27875
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.0 4.4#
 164 599.0 7.9 11.9#



#51
 2,6-Dinitrotoluene
 Concen: 8.227 ng
 RT: 9.816 min Scan# 1313
 Delta R.T. 0.194 min
 Lab File: BF141715.D
 Acq: 21 Feb 2025 12:44

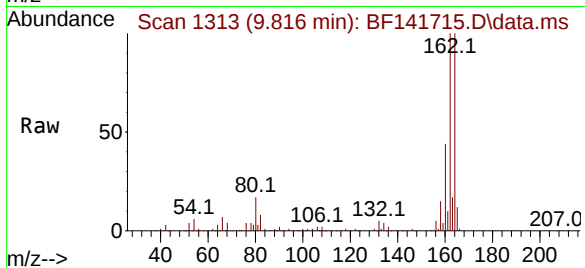
Tgt Ion:165 Resp: 24109
 Ion Ratio Lower Upper
 165 100
 63 1.0 49.4 74.0#
 89 1.2 46.5 69.7#



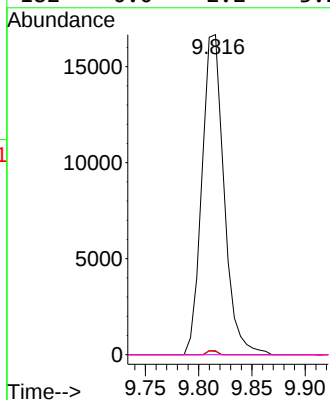
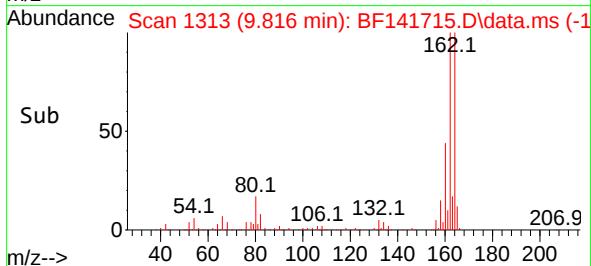


#57
2,4-Dinitrotoluene
Concen: 6.180 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

Instrument :
BNA_F
ClientSampleId :
PB166796BL

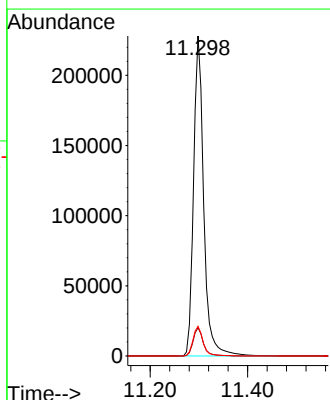
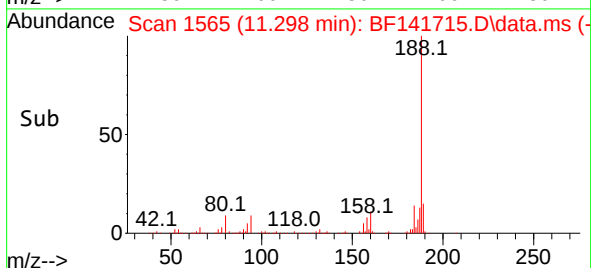
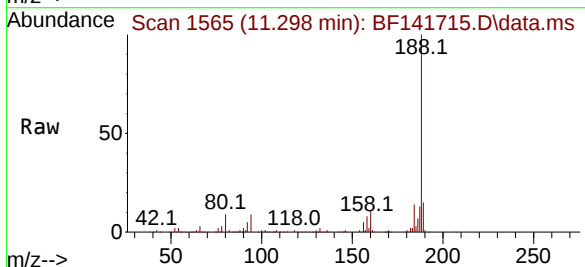


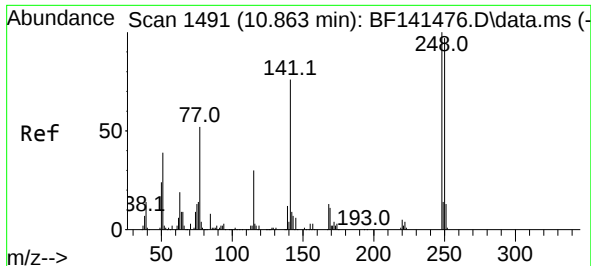
Tgt Ion:165 Resp: 24109
Ion Ratio Lower Upper
165 100
63 1.0 46.4 69.6#
89 1.2 61.8 92.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

Tgt Ion:188 Resp: 331081
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.2 7.3 10.9

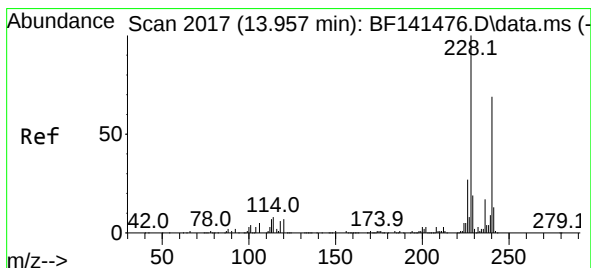
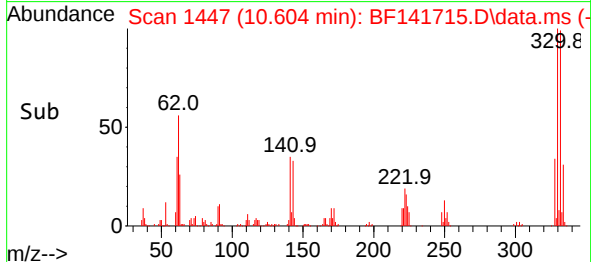
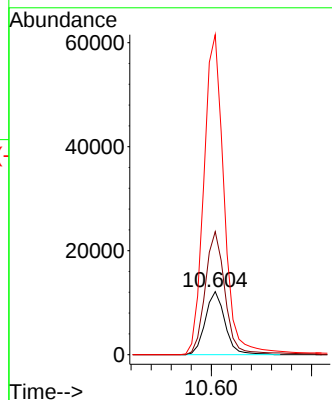
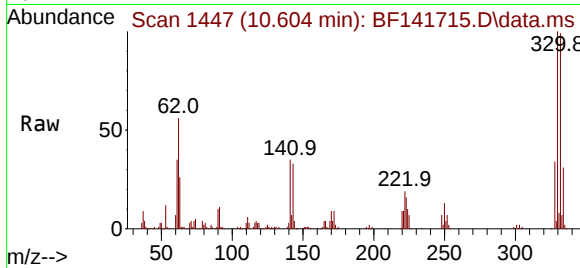




#67
4-Bromophenyl-phenylether
Concen: 4.477 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

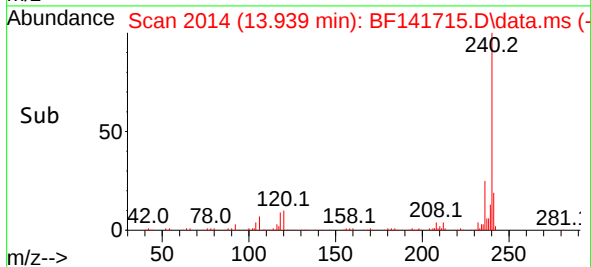
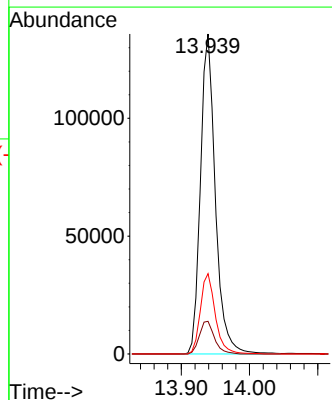
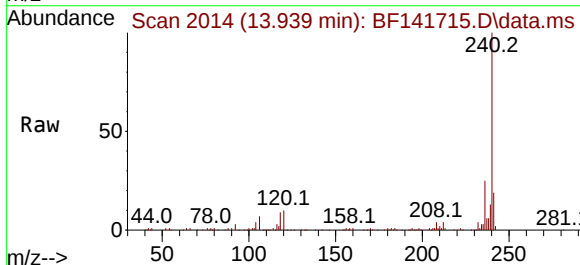
Instrument :
BNA_F
ClientSampleId :
PB166796BL

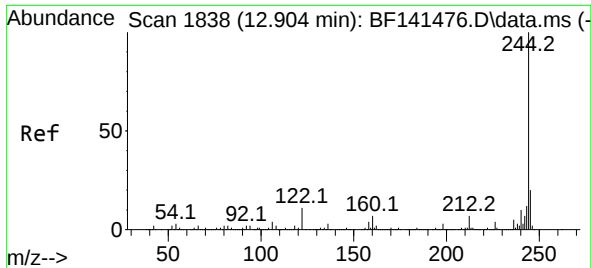
Tgt Ion:248 Resp: 16565
Ion Ratio Lower Upper
248 100
250 194.9 77.8 116.6#
141 507.3 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

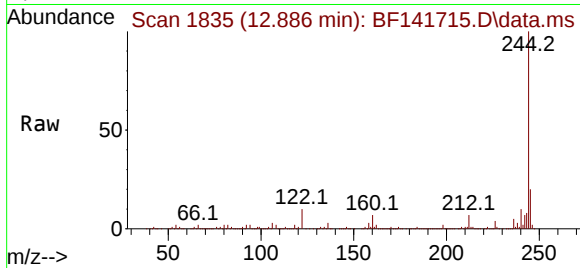
Tgt Ion:240 Resp: 205959
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.1 19.8 29.8



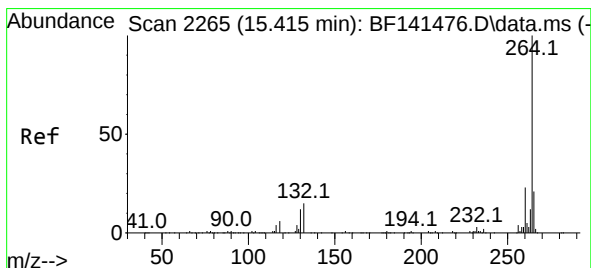
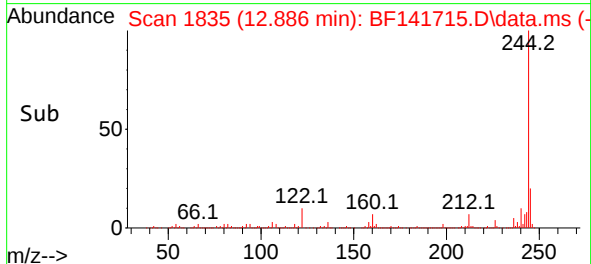
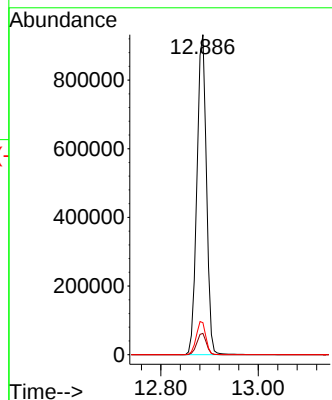


#79
 Terphenyl-d14
 Concen: 104.360 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF141715.D
 Acq: 21 Feb 2025 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB166796BL



Tgt Ion:244 Resp: 1273198
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.0 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2259
 Delta R.T. -0.035 min
 Lab File: BF141715.D
 Acq: 21 Feb 2025 12:44

Tgt Ion:264 Resp: 164201
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.4 17.0 25.4

