

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137928.D
 Acq On : 17 May 2024 13:22
 Operator : CG\JU
 Sample : P2486-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPK

Quant Time: May 17 13:47:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

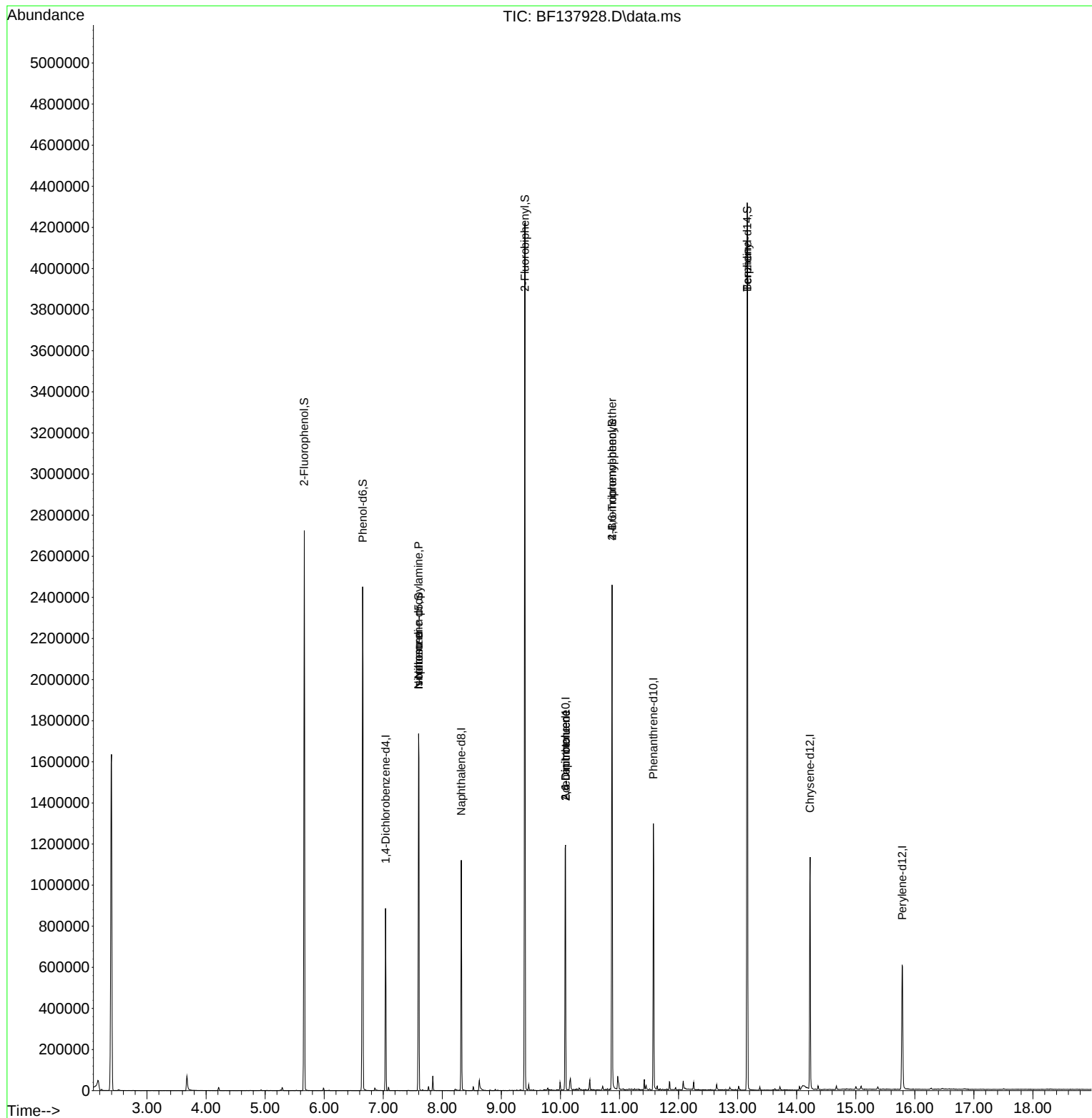
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	118273	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	458804	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	264821	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	475629	20.000	ng	0.00
76) Chrysene-d12	14.227	240	379303	20.000	ng	0.00
86) Perylene-d12	15.786	264	316893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	788349	113.223	ng	0.00
7) Phenol-d6	6.651	99	983392	114.654	ng	0.00
23) Nitrobenzene-d5	7.598	82	580500	74.460	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	307783	115.266	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1242360	72.264	ng	0.00
79) Terphenyl-d14	13.162	244	1639789	63.715	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.598	70	77067	15.993	ng	# 75
25) Isophorone	7.598	82	580486	42.902	ng	# 64
51) 2,6-Dinitrotoluene	10.086	165	34189	8.970	ng	# 29
57) 2,4-Dinitrotoluene	10.086	165	34189	6.939	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	19841	3.805	ng	# 1
77) Benzidine	13.162	184	20180	4.071	ng	# 89

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

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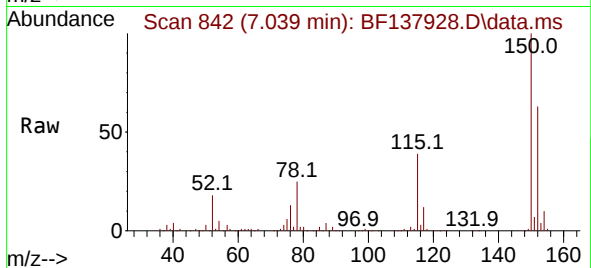
Quant Time: May 17 13:47:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
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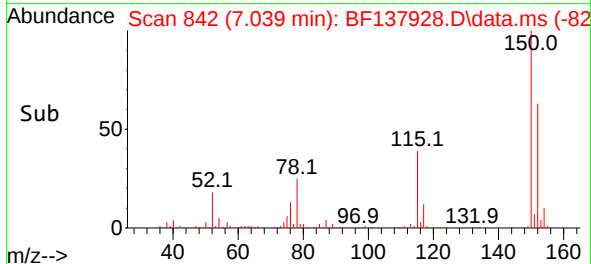
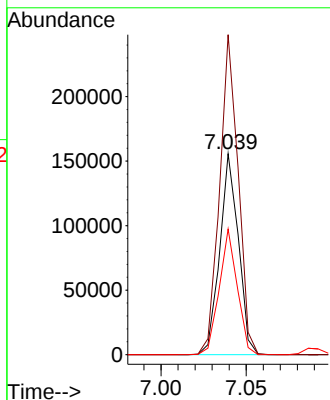


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

Instrument :
BNA_F
ClientSampleId :
WCS-TPK

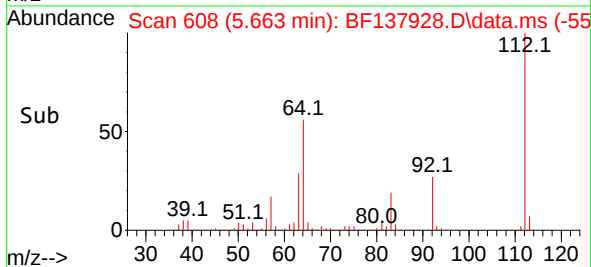
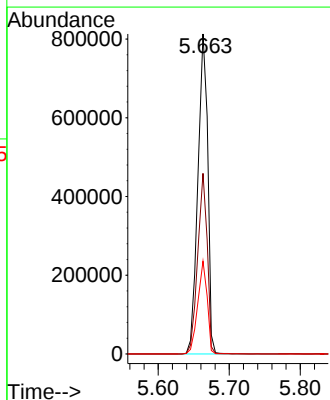
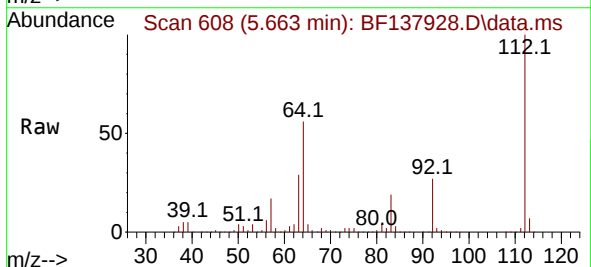


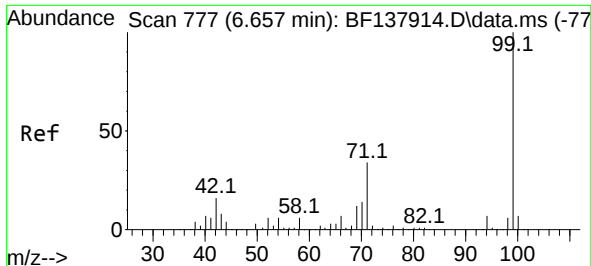
Tgt Ion:152 Resp: 118273
Ion Ratio Lower Upper
152 100
150 159.2 125.7 188.5
115 62.5 47.0 70.6



#5
2-Fluorophenol
Concen: 113.223 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.000 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

Tgt Ion:112 Resp: 788349
Ion Ratio Lower Upper
112 100
64 56.5 42.4 63.6
63 29.0 21.4 32.2

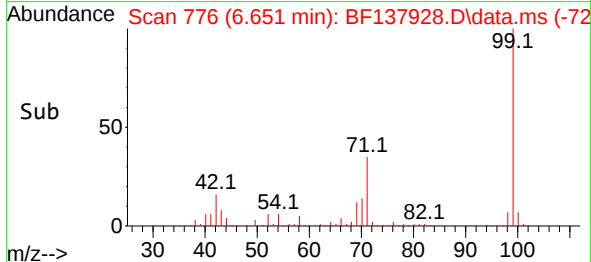
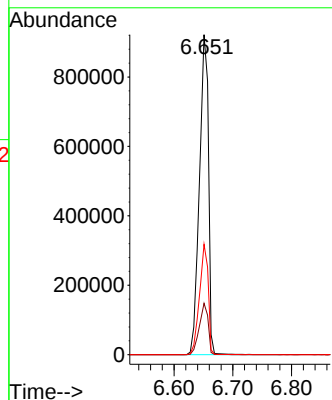
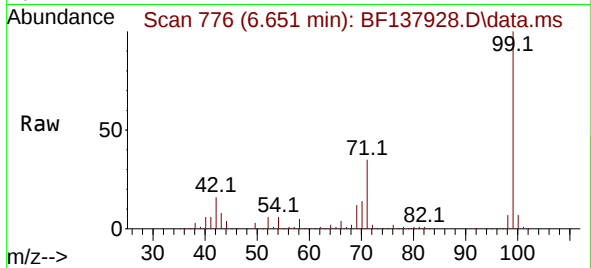




#7
Phenol-d6
Concen: 114.654 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

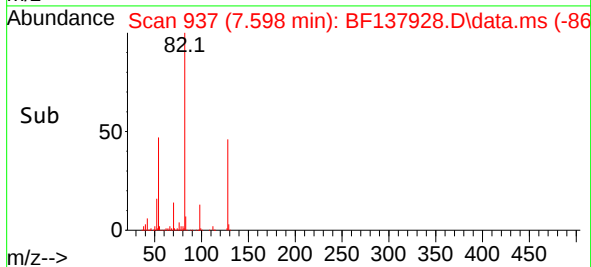
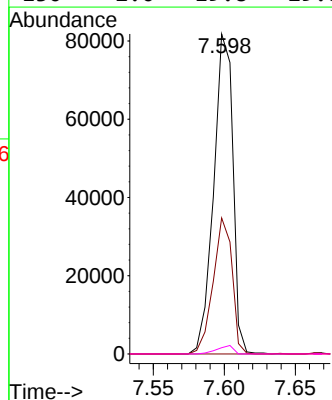
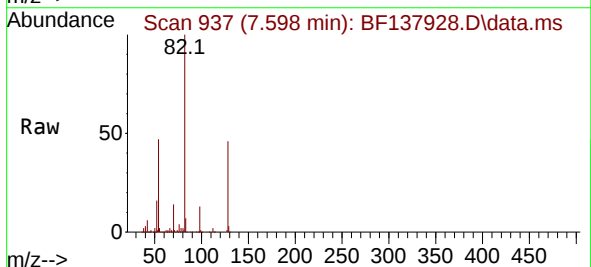
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

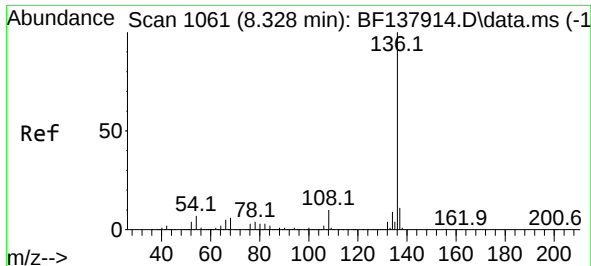
Tgt Ion: 99 Resp: 983392
Ion Ratio Lower Upper
99 100
42 16.0 12.6 18.8
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.993 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

Tgt Ion: 70 Resp: 77067
Ion Ratio Lower Upper
70 100
42 42.5 42.2 63.4
101 0.0 8.8 13.2#
130 2.0 19.8 29.8#



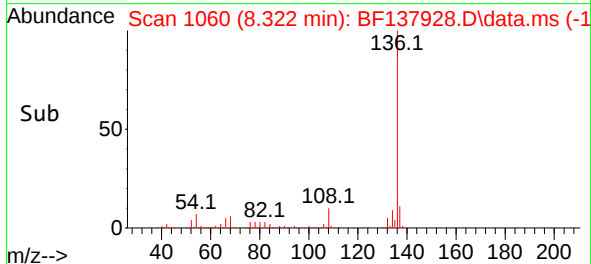
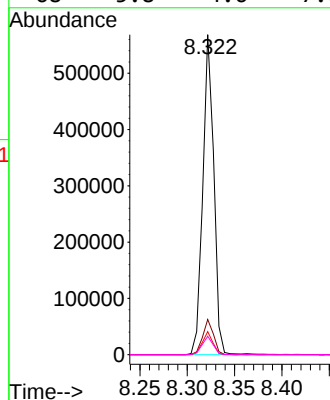
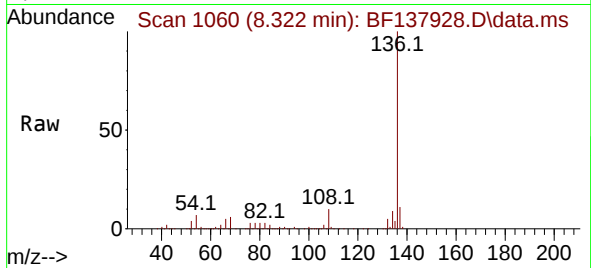


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

Instrument :
BNA_F
ClientSampleId :
WCS-TPK

Tgt Ion:136 Resp: 458804

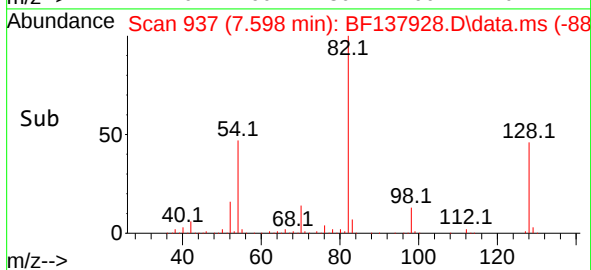
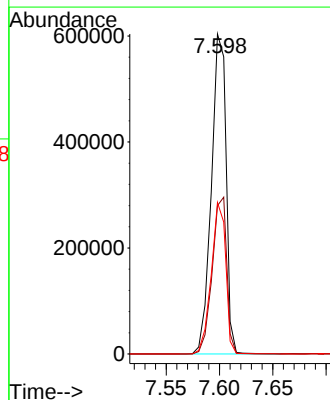
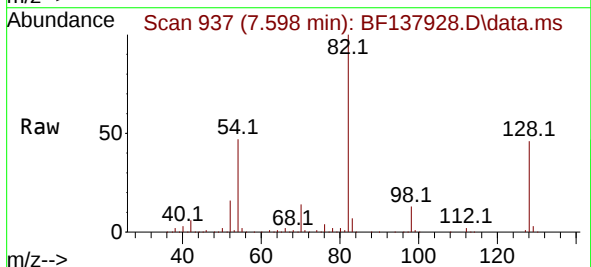
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.4	8.2
68	5.8	4.6	7.0



#23
Nitrobenzene-d5
Concen: 74.460 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

Tgt Ion: 82 Resp: 580500

Ion	Ratio	Lower	Upper
82	100		
128	46.4	40.3	60.5
54	47.4	36.8	55.2

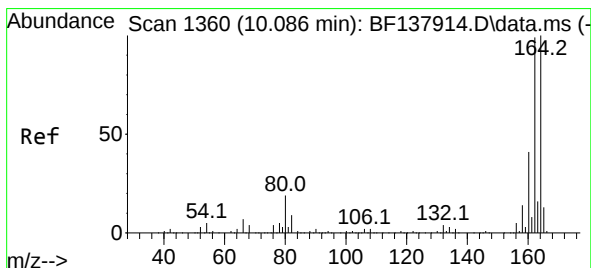
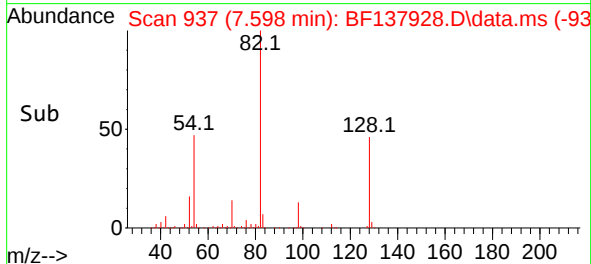
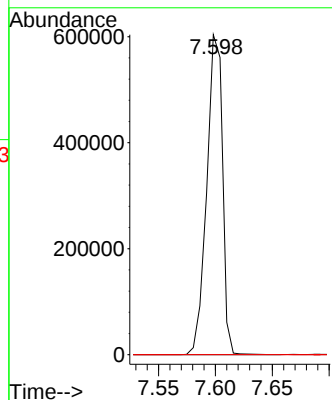
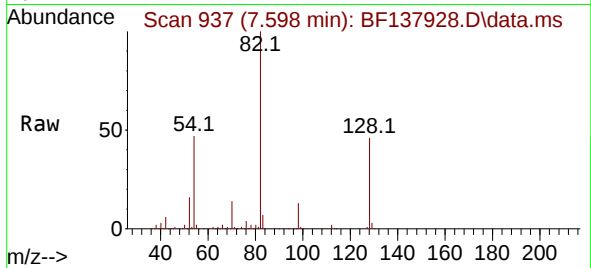




#25
Isophorone
Concen: 42.902 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

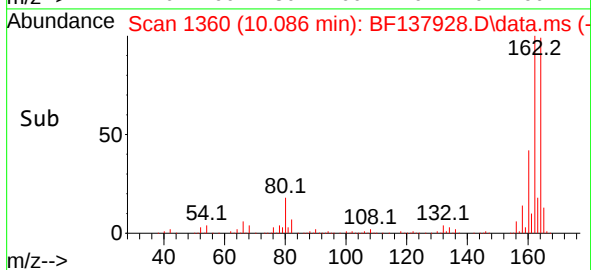
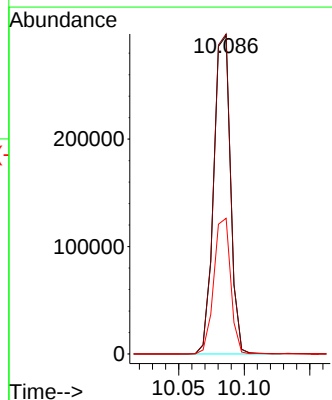
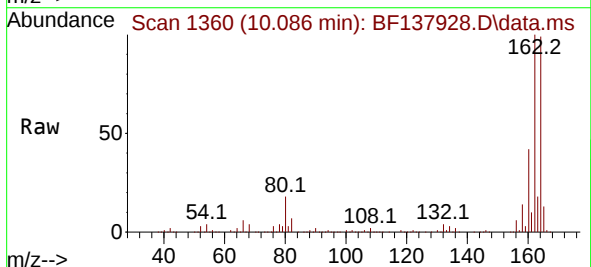
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

Tgt Ion: 82 Resp: 580486
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

Tgt Ion:164 Resp: 264821
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.2
160 42.6 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 115.266 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137928.D

Acq: 17 May 2024 13:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

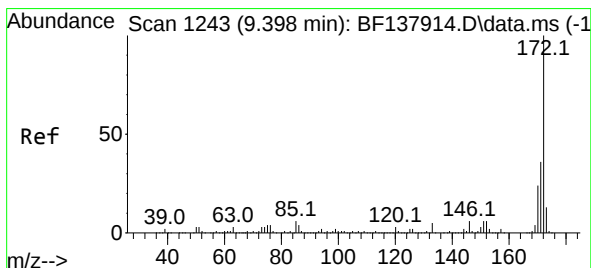
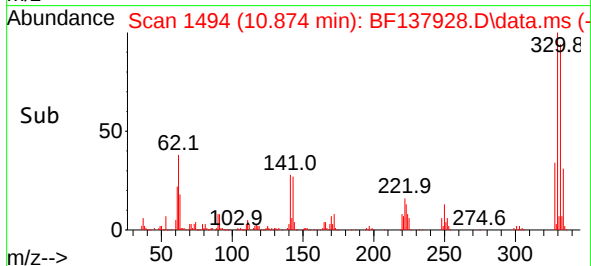
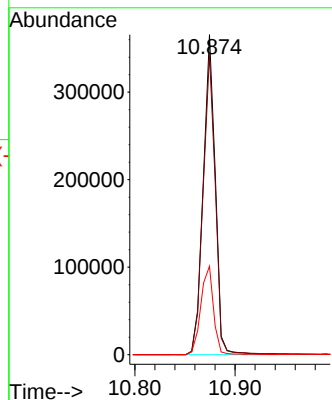
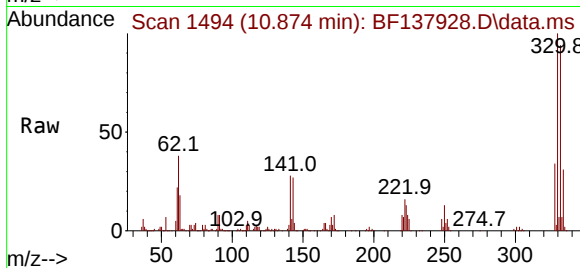
Tgt Ion:330 Resp: 307783

Ion Ratio Lower Upper

330 100

332 95.4 75.8 113.8

141 29.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 72.264 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137928.D

Acq: 17 May 2024 13:22

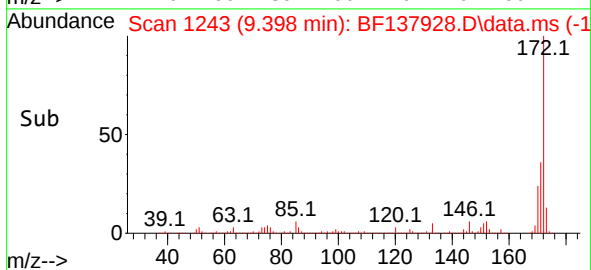
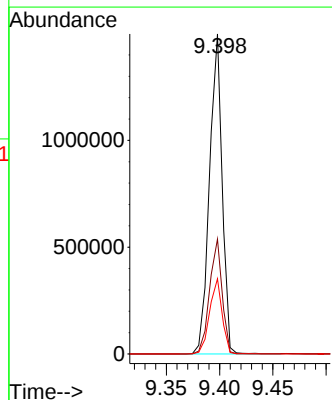
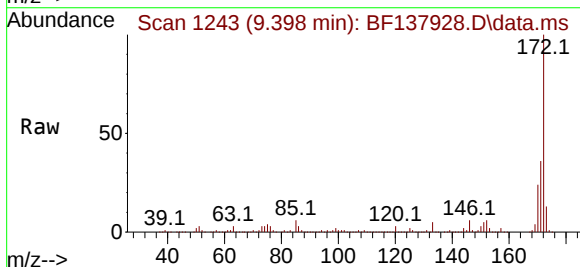
Tgt Ion:172 Resp: 1242360

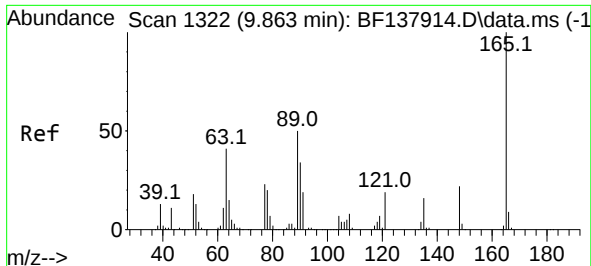
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.5 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.970 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.223 min

Lab File: BF137928.D

Acq: 17 May 2024 13:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

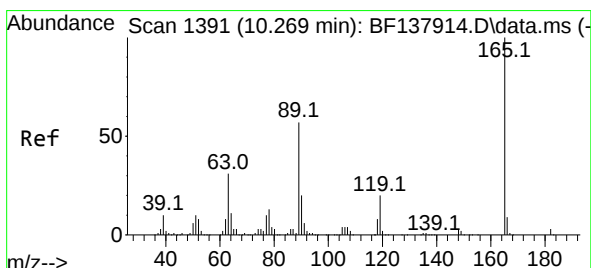
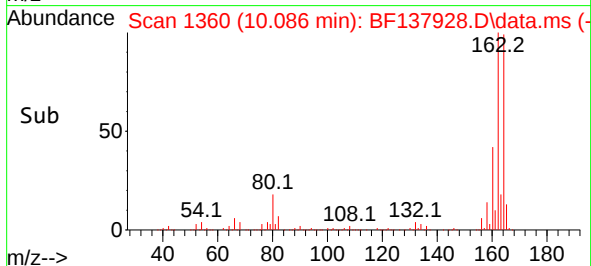
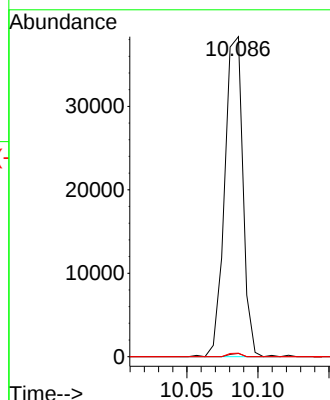
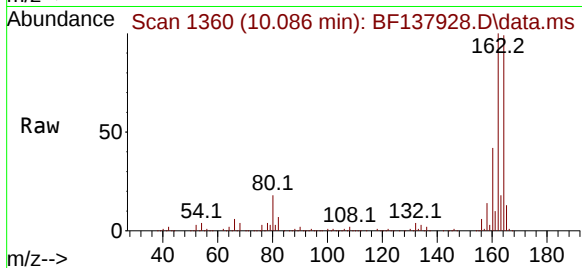
Tgt Ion:165 Resp: 34189

Ion Ratio Lower Upper

165 100

63 1.0 38.9 58.3#

89 1.1 40.4 60.6#



#57

2,4-Dinitrotoluene

Concen: 6.939 ng

RT: 10.086 min Scan# 1360

Delta R.T. -0.182 min

Lab File: BF137928.D

Acq: 17 May 2024 13:22

Tgt Ion:165 Resp: 34189

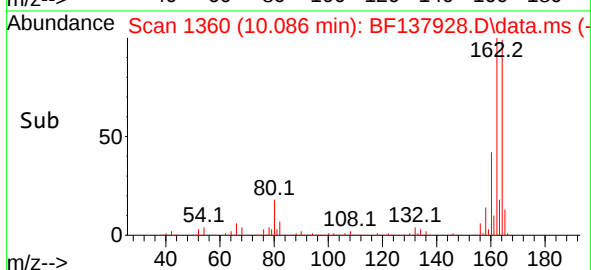
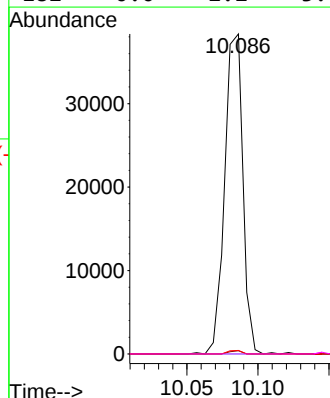
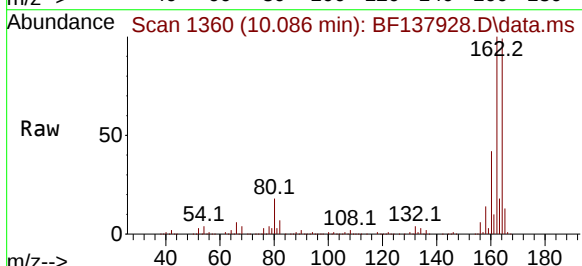
Ion Ratio Lower Upper

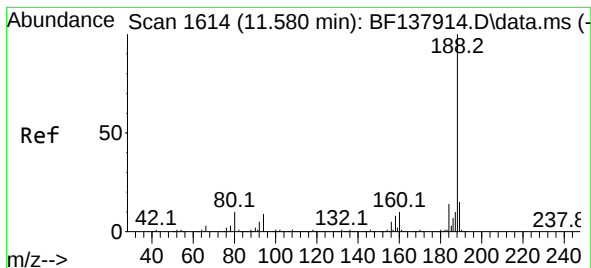
165 100

63 1.0 25.3 37.9#

89 1.1 45.9 68.9#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137928.D

Acq: 17 May 2024 13:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

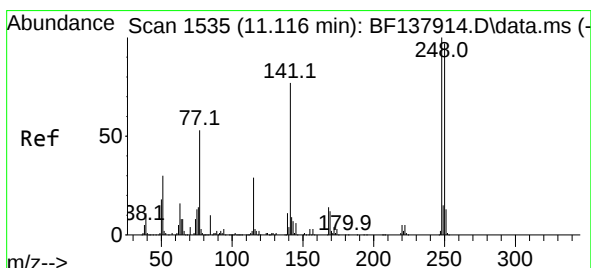
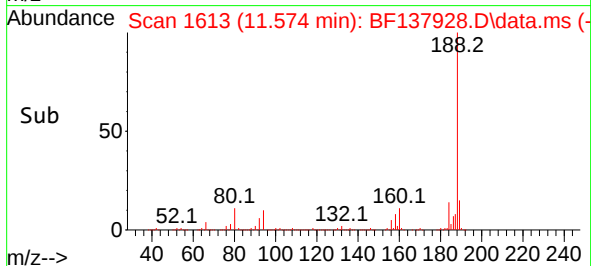
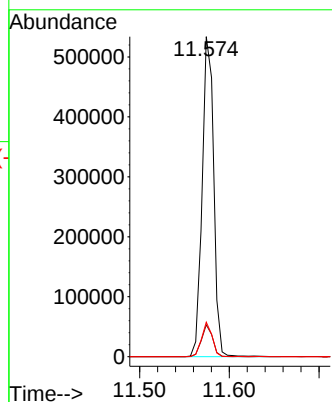
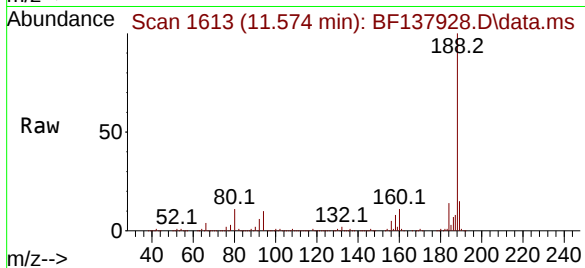
Tgt Ion:188 Resp: 475629

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

80 10.8 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 3.805 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137928.D

Acq: 17 May 2024 13:22

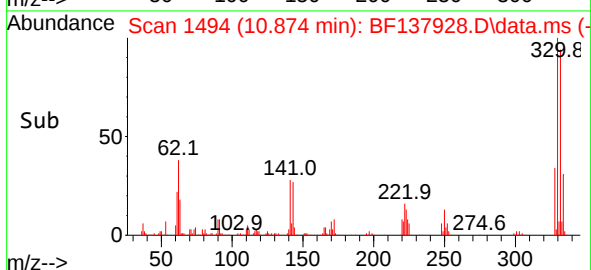
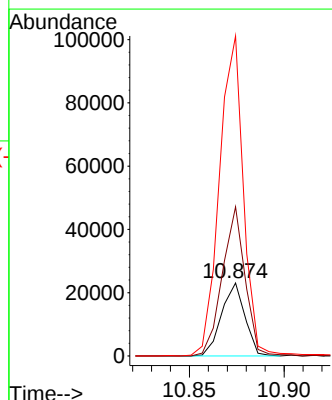
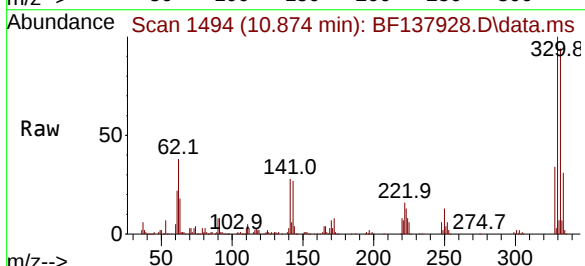
Tgt Ion:248 Resp: 19841

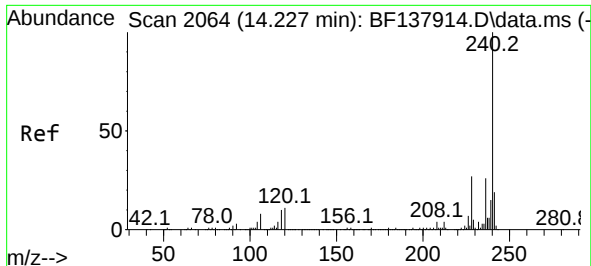
Ion Ratio Lower Upper

248 100

250 204.3 77.6 116.4#

141 438.7 61.4 92.2#

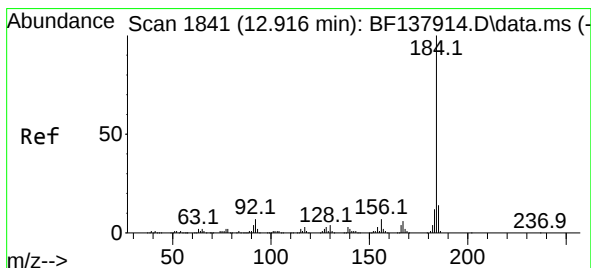
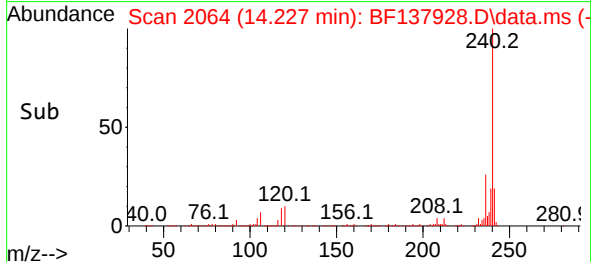
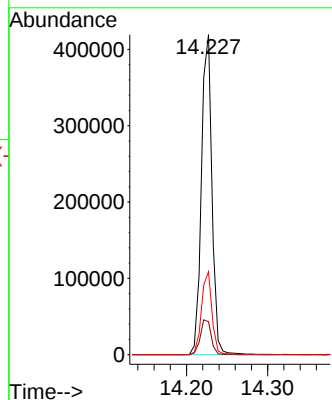
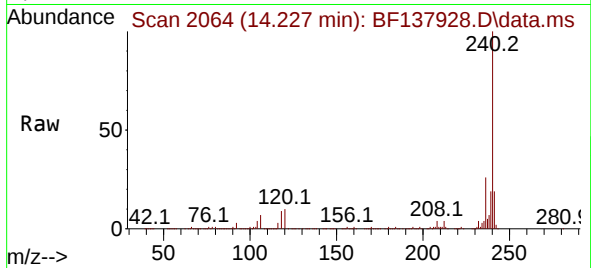




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

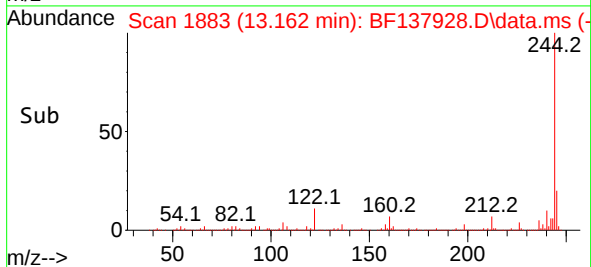
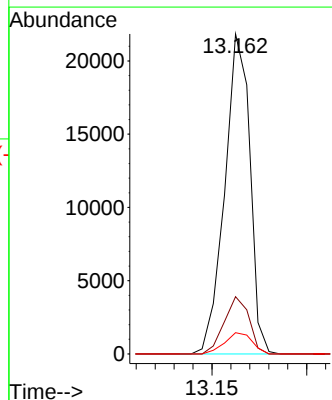
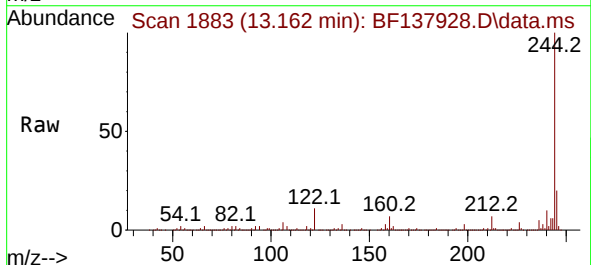
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

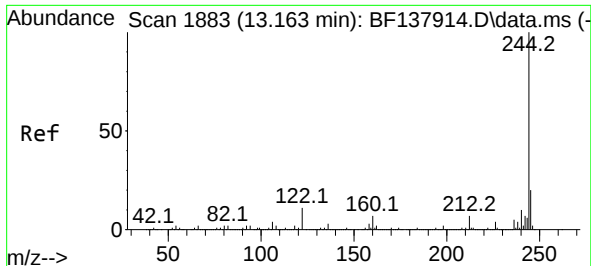
Tgt Ion:240 Resp: 379303
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.0 21.0 31.4



#77
Benzidine
Concen: 4.071 ng
RT: 13.162 min Scan# 1883
Delta R.T. 0.246 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

Tgt Ion:184 Resp: 20180
Ion Ratio Lower Upper
184 100
185 17.9 11.4 17.2#
183 6.7 9.5 14.3#

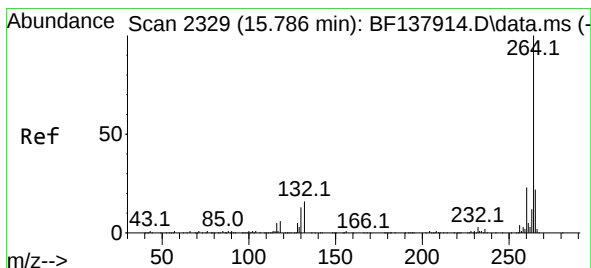
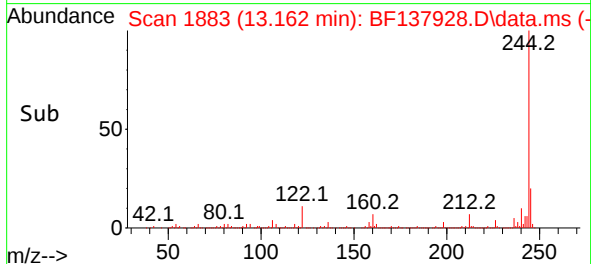
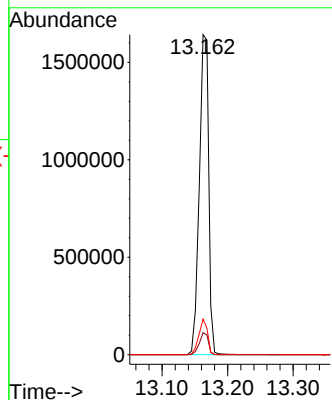
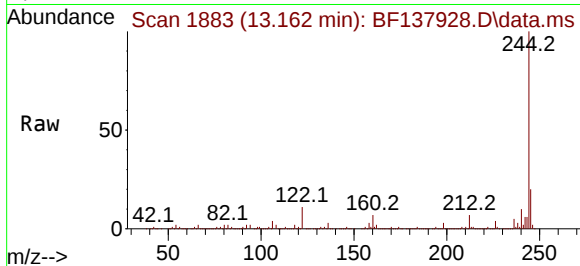




#79
 Terphenyl-d14
 Concen: 63.715 ng
 RT: 13.162 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137928.D
 Acq: 17 May 2024 13:22

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPK

Tgt Ion:244 Resp: 1639789
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. -0.000 min
 Lab File: BF137928.D
 Acq: 17 May 2024 13:22

Tgt Ion:264 Resp: 316893
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.3 17.6 26.4

