

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137900.D
 Acq On : 13 May 2024 13:55
 Operator : CG\JU
 Sample : P2422-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-F

Quant Time: May 13 15:05:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

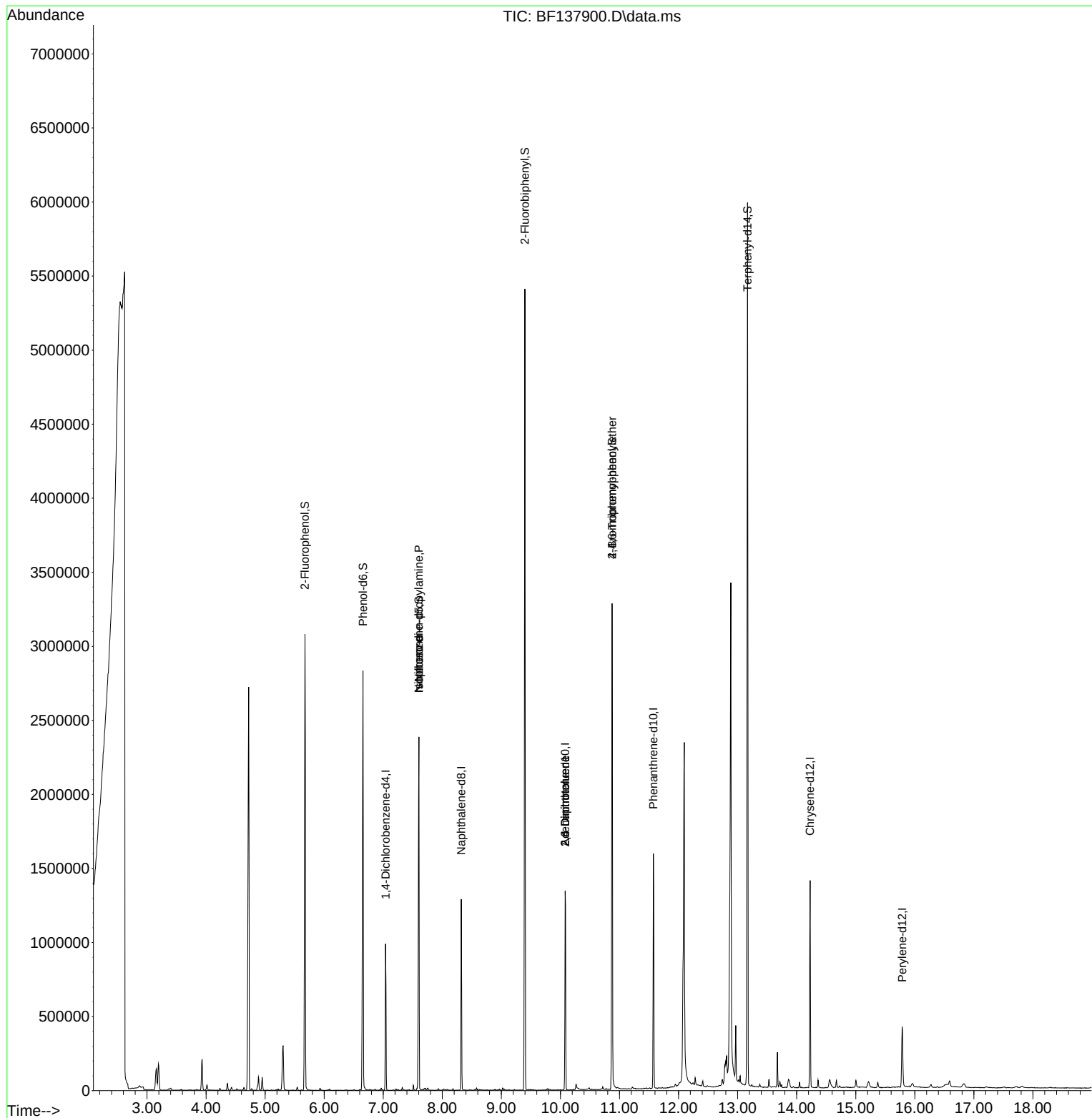
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	134890	20.000	ng	-0.02
21) Naphthalene-d8	8.322	136	528916	20.000	ng	-0.02
39) Acenaphthene-d10	10.080	164	285487	20.000	ng	-0.03
64) Phenanthrene-d10	11.574	188	558374	20.000	ng	-0.02
76) Chrysene-d12	14.227	240	442800	20.000	ng	-0.02
86) Perylene-d12	15.786	264	148584	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	949517	117.857	ng	0.00
7) Phenol-d6	6.657	99	1049728	102.724	ng	-0.02
23) Nitrobenzene-d5	7.604	82	768593	84.425	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	460925	158.128	ng	-0.02
45) 2-Fluorobiphenyl	9.398	172	1616140	91.842	ng	-0.02
79) Terphenyl-d14	13.168	244	2220709	84.047	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.604	70	102111	16.720	ng	# 76
25) Isophorone	7.604	82	768582	46.824	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	36439	8.847	ng	# 27
57) 2,4-Dinitrotoluene	10.080	165	36439	6.772	ng	# 27
67) 4-Bromophenyl-phenylether	10.874	248	29945	5.011	ng	# 1

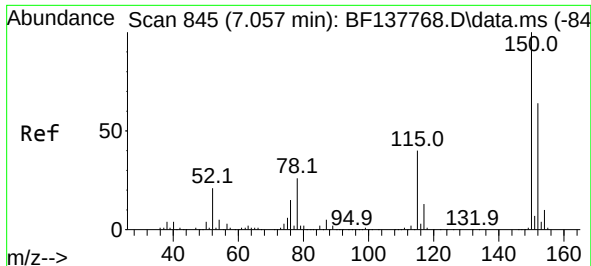
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 13 15:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

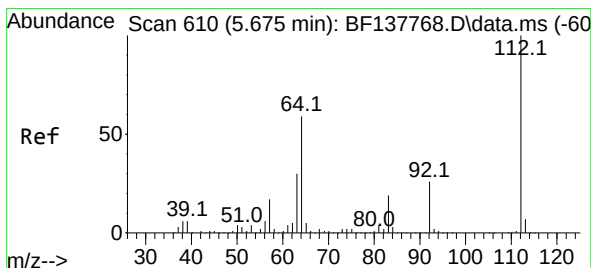
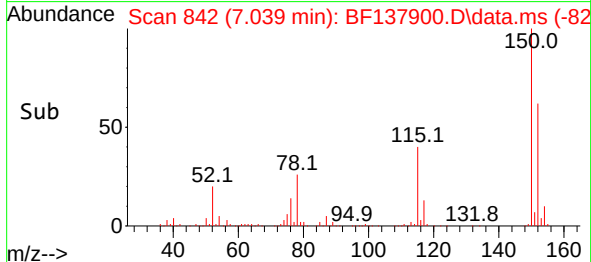
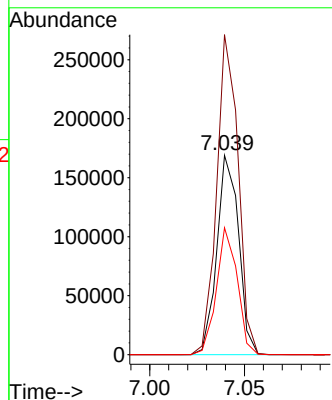
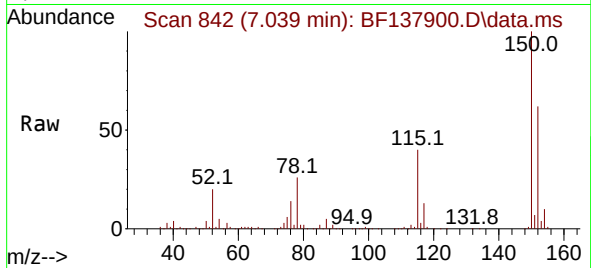




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

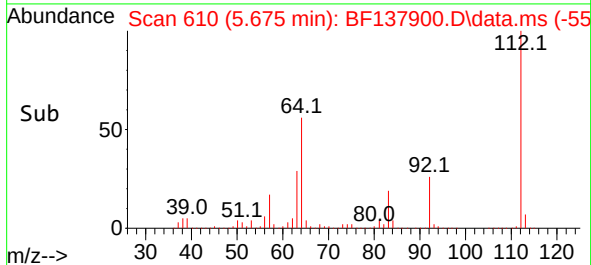
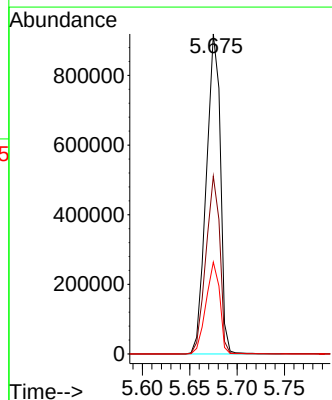
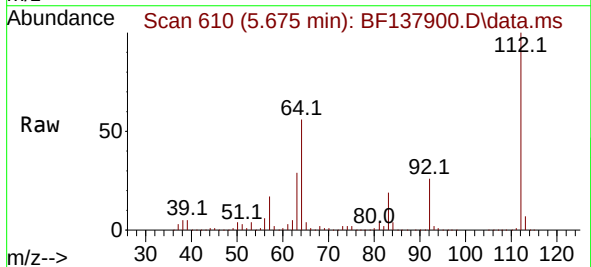
Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

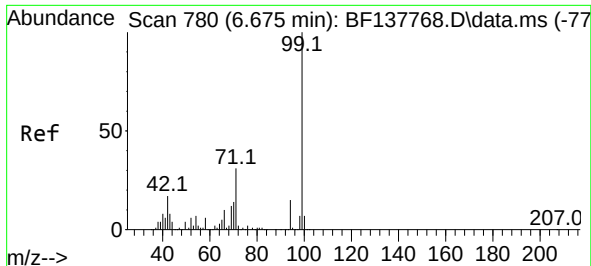
Tgt Ion:152 Resp: 134890
Ion Ratio Lower Upper
152 100
150 160.5 124.1 186.1
115 63.6 49.1 73.7



#5
2-Fluorophenol
Concen: 117.857 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

Tgt Ion:112 Resp: 949517
Ion Ratio Lower Upper
112 100
64 55.6 47.3 70.9
63 28.7 23.7 35.5



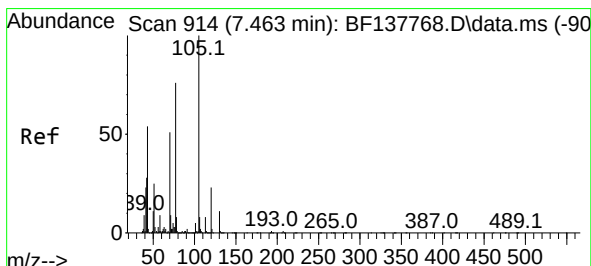
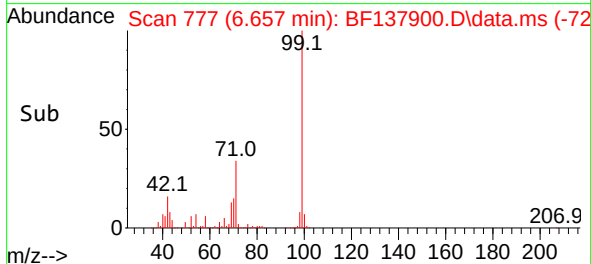
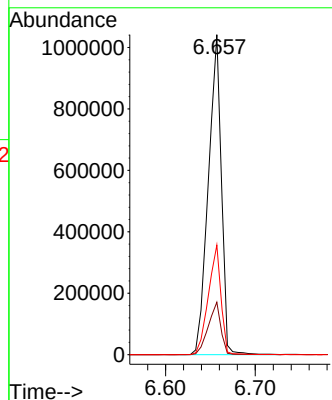
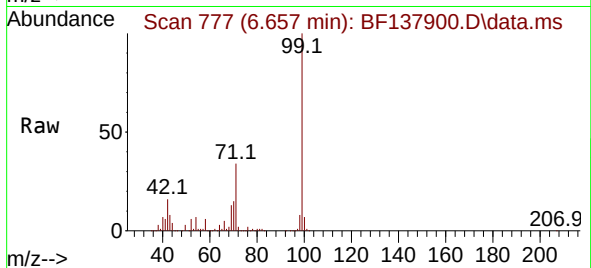


#7
Phenol-d6
Concen: 102.724 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

Tgt Ion: 99 Resp: 1049728

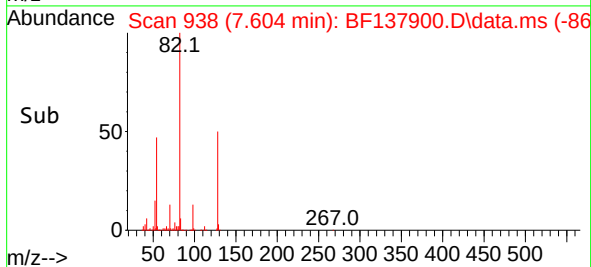
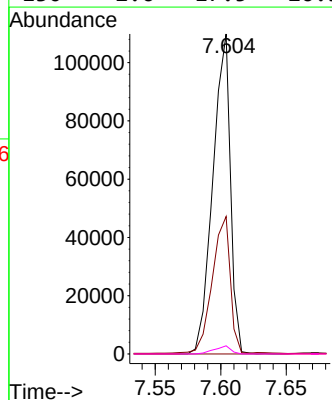
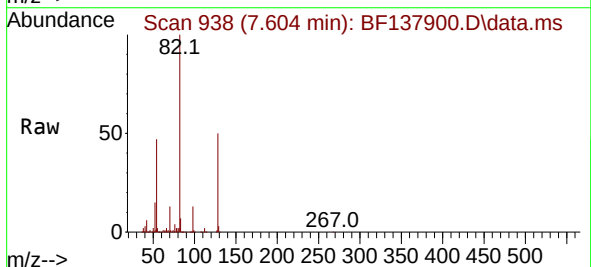
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.2	19.8
71	34.3	25.0	37.4

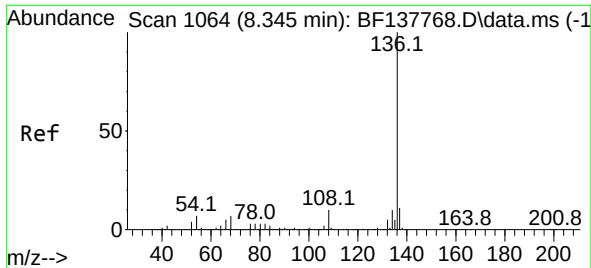


#19
n-Nitroso-di-n-propylamine
Concen: 16.720 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.141 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

Tgt Ion: 70 Resp: 102111

Ion	Ratio	Lower	Upper
70	100		
42	42.9	44.6	66.8#
101	0.0	7.8	11.6#
130	2.6	17.5	26.3#



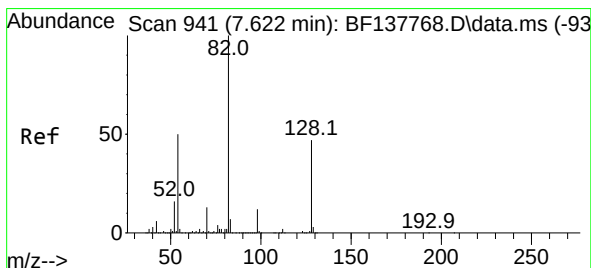
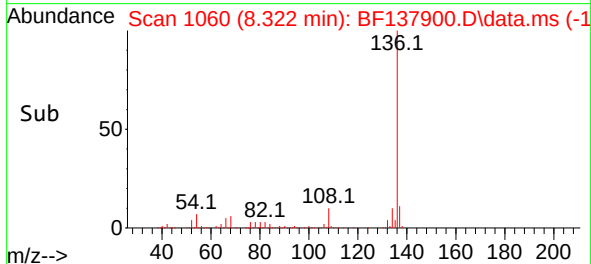
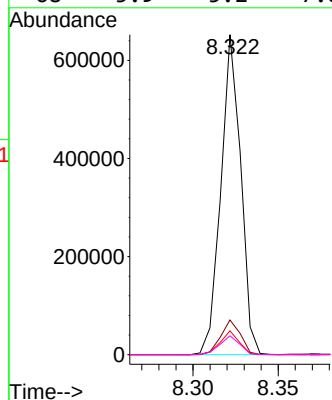
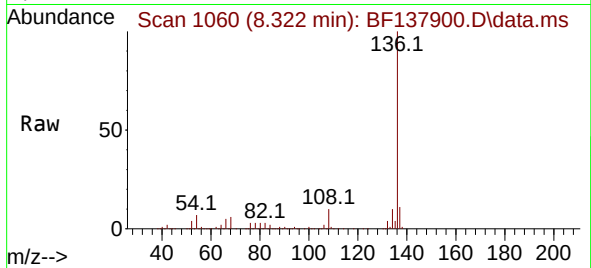


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.024 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

Tgt Ion:136 Resp: 528916

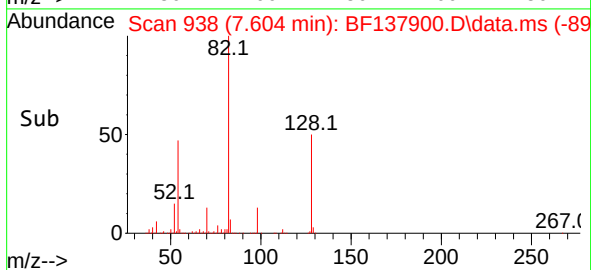
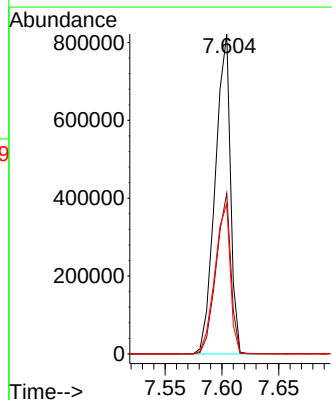
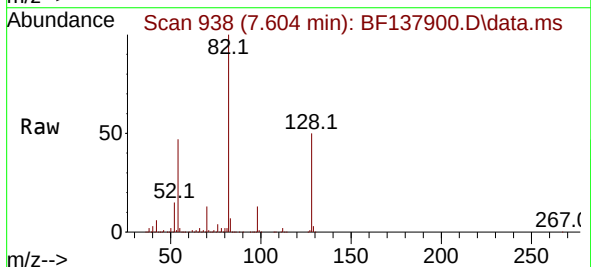
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.4	5.8	8.8
68	5.9	5.2	7.8

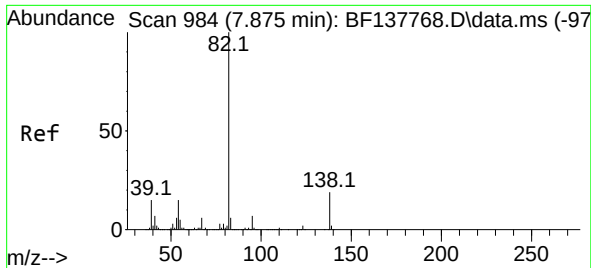


#23
Nitrobenzene-d5
Concen: 84.425 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.018 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

Tgt Ion: 82 Resp: 768593

Ion	Ratio	Lower	Upper
82	100		
128	50.2	37.5	56.3
54	46.9	39.8	59.6

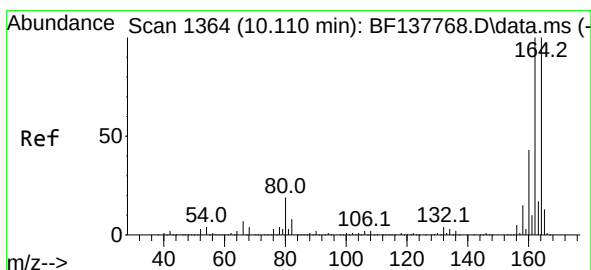
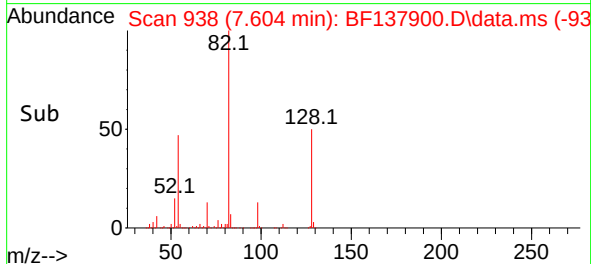
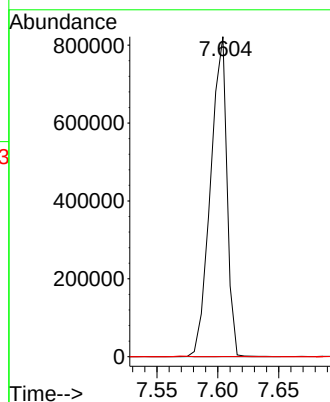
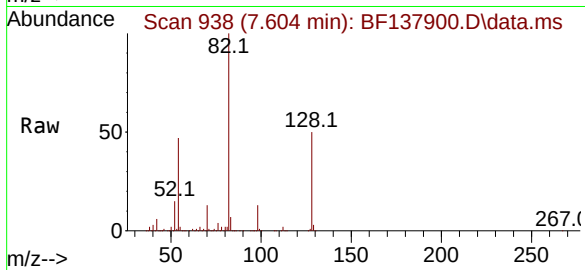




#25
Isophorone
Concen: 46.824 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.271 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

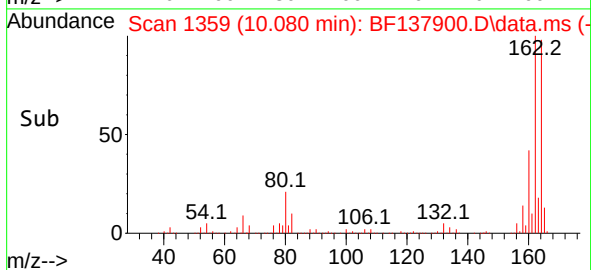
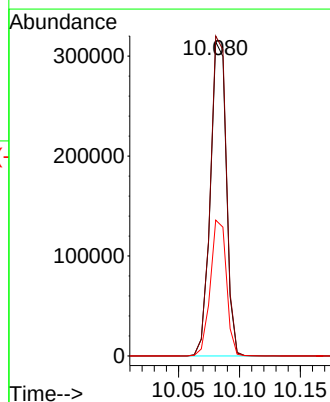
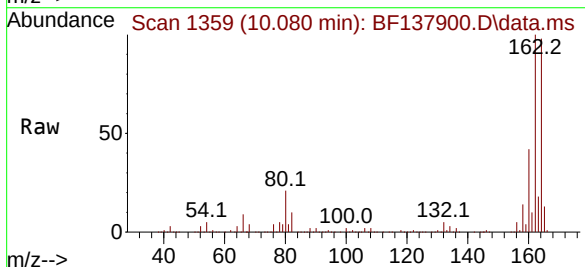
Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

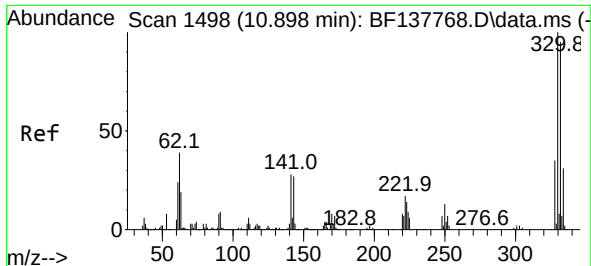
Tgt Ion: 82 Resp: 768582
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.029 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

Tgt Ion:164 Resp: 285487
Ion Ratio Lower Upper
164 100
162 101.9 79.8 119.6
160 43.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 158.128 ng

RT: 10.874 min Scan# 1498

Delta R.T. -0.024 min

Lab File: BF137900.D

Acq: 13 May 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WCS-TP-F

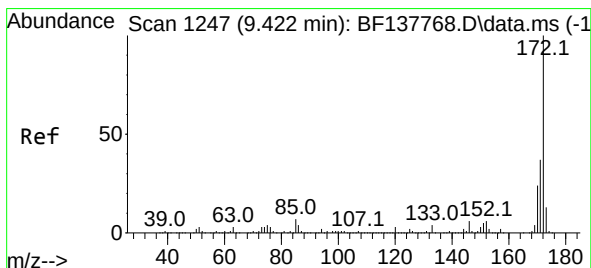
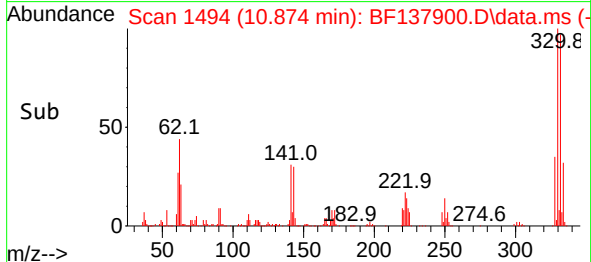
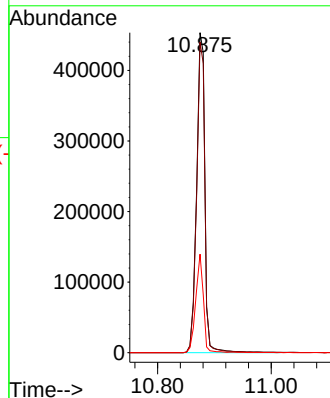
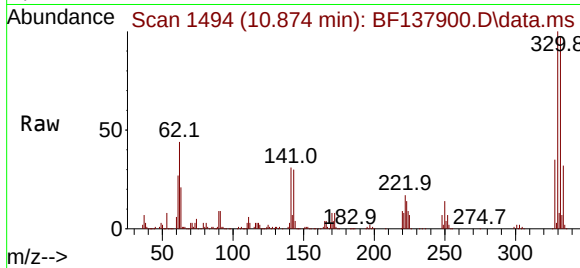
Tgt Ion:330 Resp: 460925

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 28.8 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 91.842 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.024 min

Lab File: BF137900.D

Acq: 13 May 2024 13:55

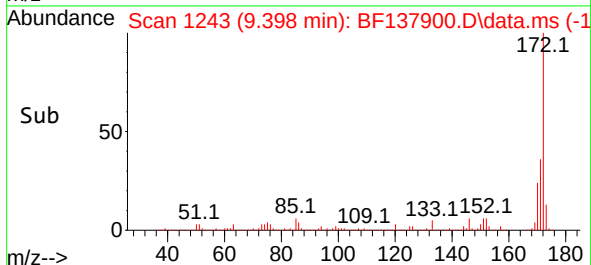
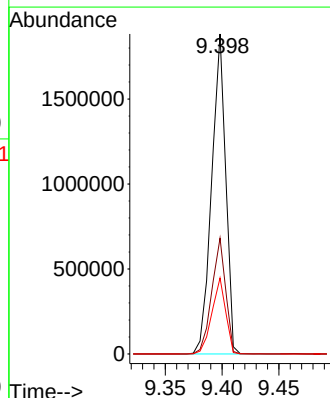
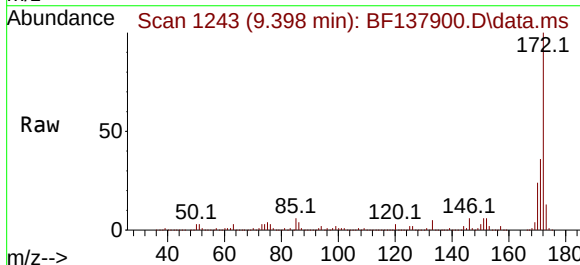
Tgt Ion:172 Resp: 1616140

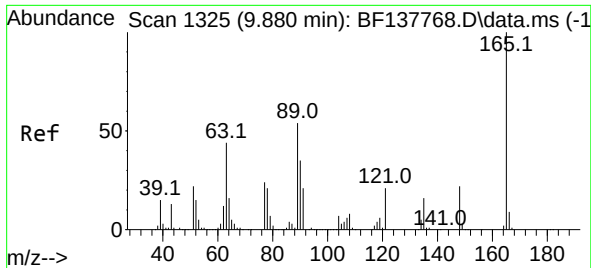
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 23.7 19.4 29.2

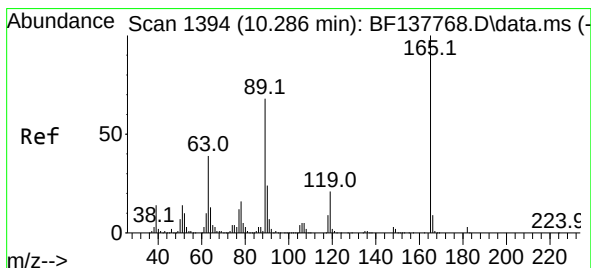
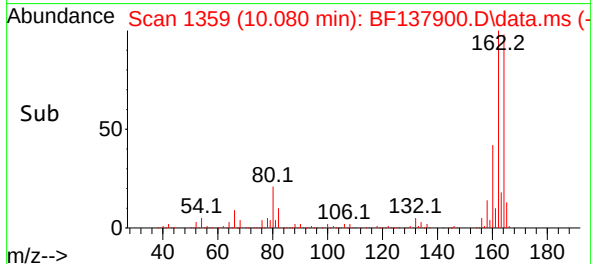
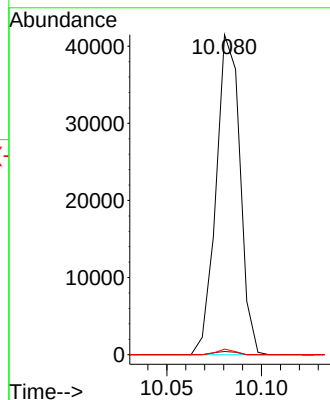
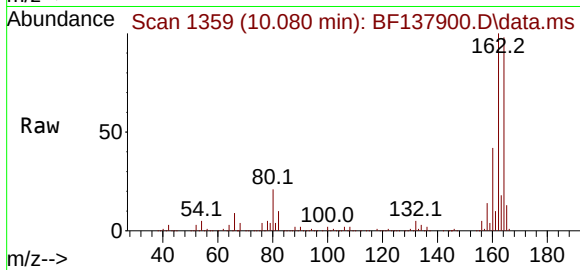




#51
2,6-Dinitrotoluene
Concen: 8.847 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.200 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

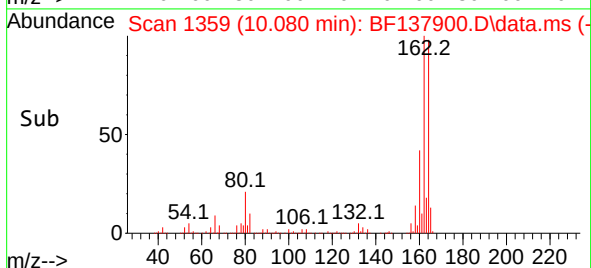
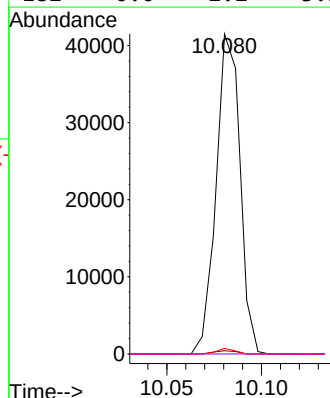
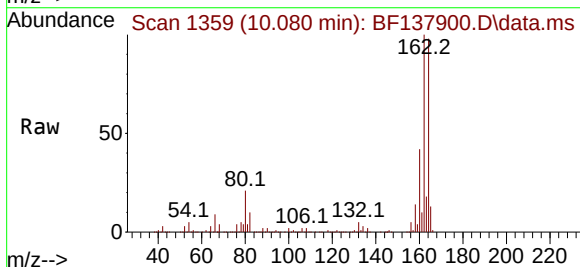
Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

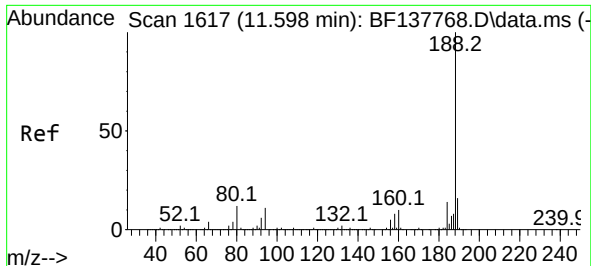
Tgt Ion:165 Resp: 36439
Ion Ratio Lower Upper
165 100
63 1.0 41.9 62.9#
89 1.7 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.206 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

Tgt Ion:165 Resp: 36439
Ion Ratio Lower Upper
165 100
63 1.0 31.3 46.9#
89 1.7 54.2 81.4#
182 0.0 2.2 3.2#

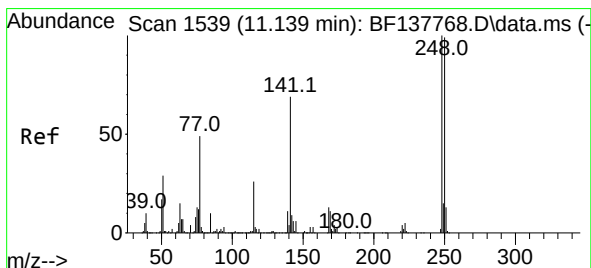
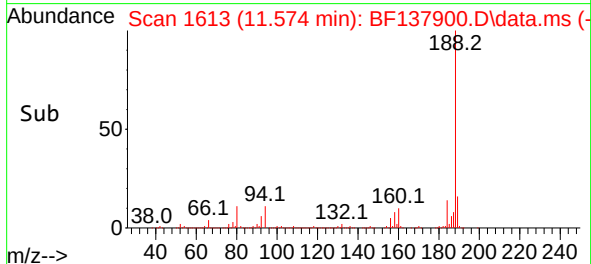
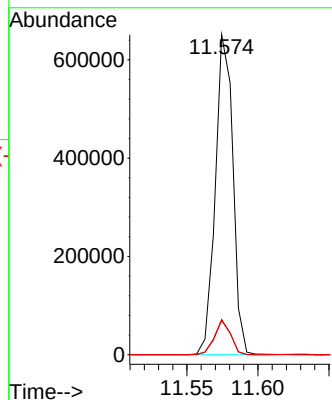
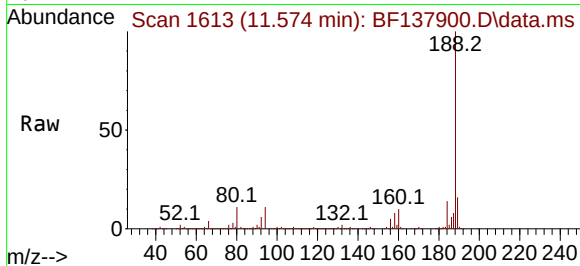




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

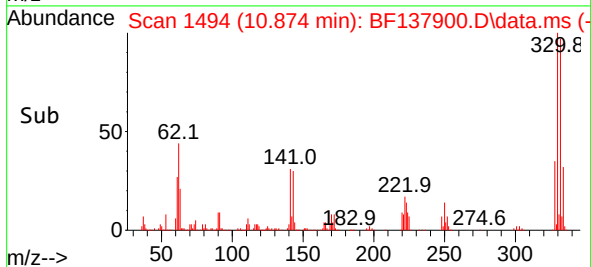
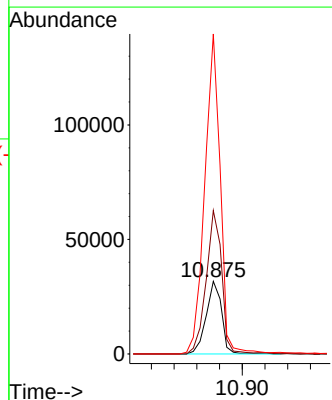
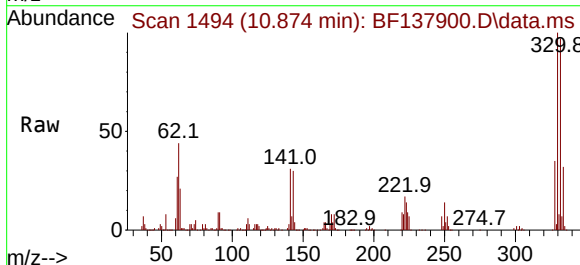
Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

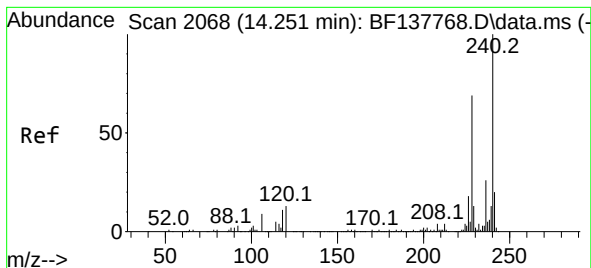
Tgt Ion:188 Resp: 558374
Ion Ratio Lower Upper
188 100
94 10.7 8.8 13.2
80 11.0 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 5.011 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.265 min
Lab File: BF137900.D
Acq: 13 May 2024 13:55

Tgt Ion:248 Resp: 29945
Ion Ratio Lower Upper
248 100
250 197.7 79.1 118.7#
141 440.9 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. -0.024 min

Lab File: BF137900.D

Acq: 13 May 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WCS-TP-F

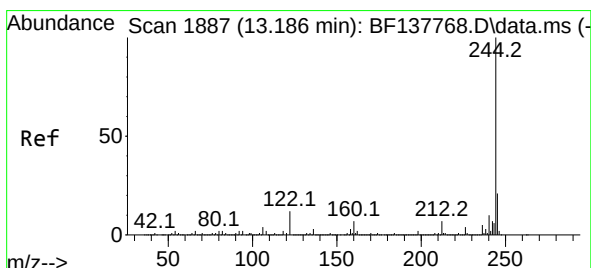
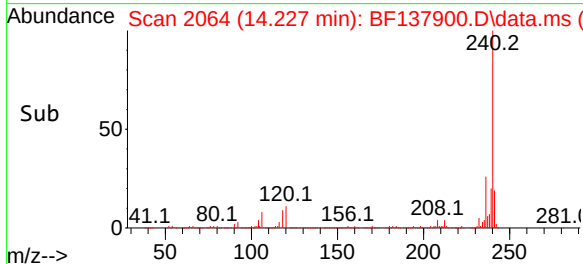
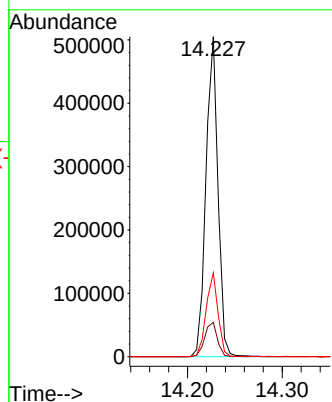
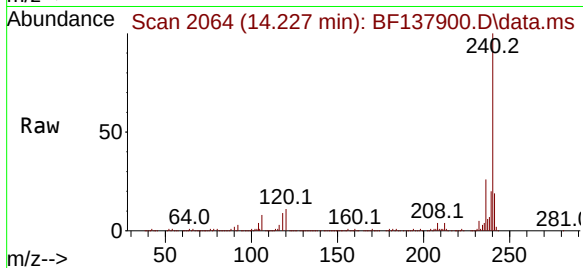
Tgt Ion:240 Resp: 442800

Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

236 26.2 20.4 30.6



#79

Terphenyl-d14

Concen: 84.047 ng

RT: 13.168 min Scan# 1884

Delta R.T. -0.018 min

Lab File: BF137900.D

Acq: 13 May 2024 13:55

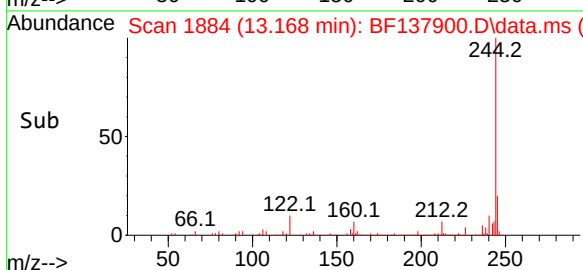
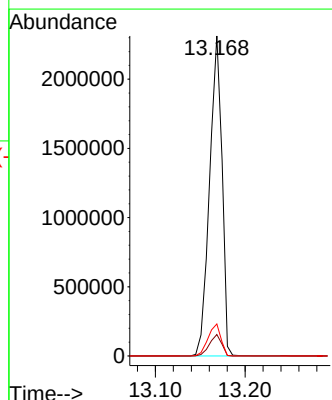
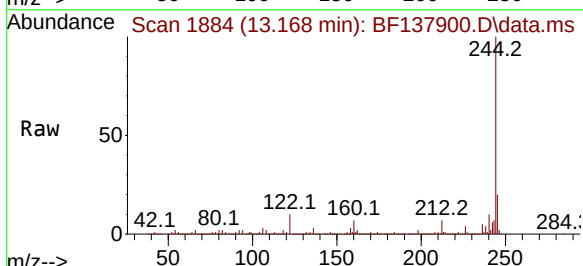
Tgt Ion:244 Resp: 2220709

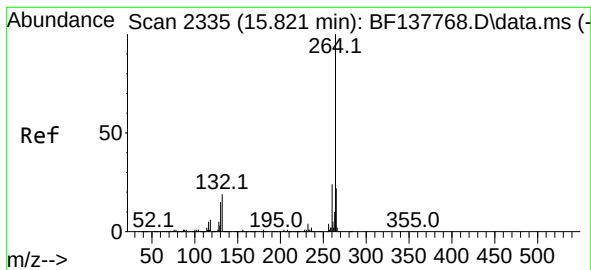
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 10.0 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF137900.D

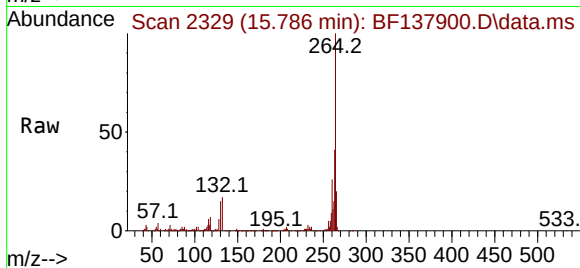
Acq: 13 May 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WCS-TP-F



Tgt Ion:264 Resp: 148584

Ion Ratio Lower Upper

264 100

260 26.0 18.9 28.3

265 19.6 17.4 26.0

