

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140552.D
 Acq On : 21 Nov 2024 22:44
 Operator : RC/JU
 Sample : P4916-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-WC

Quant Time: Nov 22 00:12:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

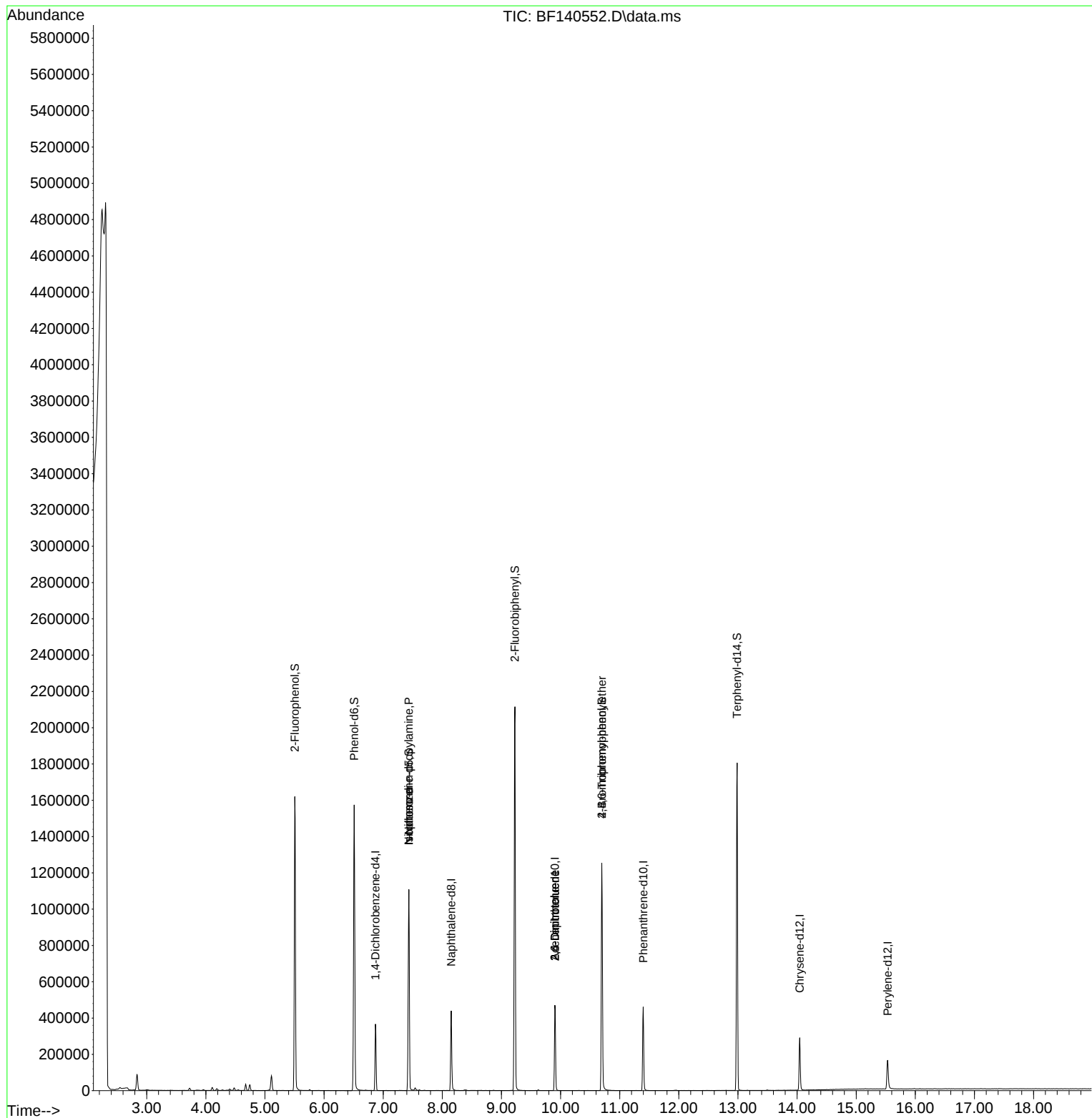
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	76254	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	278718	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	146988	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	258163	20.000	ng	0.00
76) Chrysene-d12	14.045	240	149736	20.000	ng	0.00
86) Perylene-d12	15.533	264	113850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	607239	135.872	ng	0.00
7) Phenol-d6	6.510	99	754853	127.760	ng	0.00
23) Nitrobenzene-d5	7.433	82	508066	93.240	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	219010	139.315	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	948339	96.128	ng	0.00
79) Terphenyl-d14	12.986	244	896351	93.213	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	71783	20.557	ng	# 75
25) Isophorone	7.433	82	501271	55.154	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	18685	8.511	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	18685	6.404	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	13917	5.235	ng	# 1

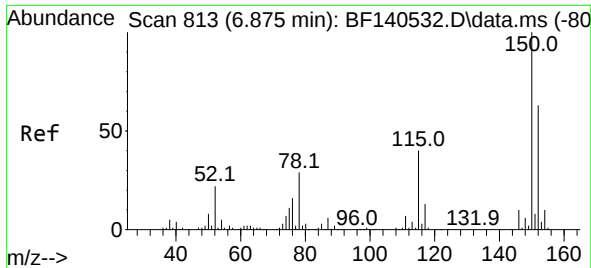
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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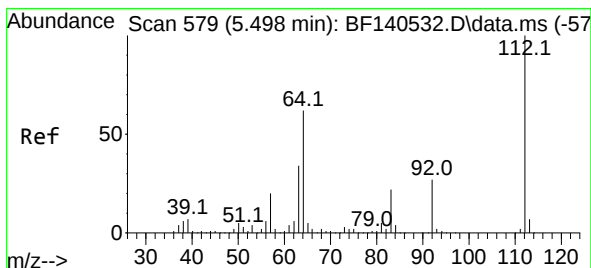
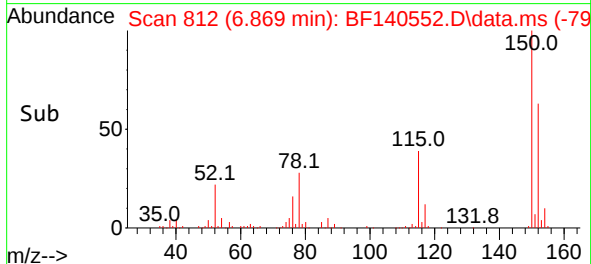
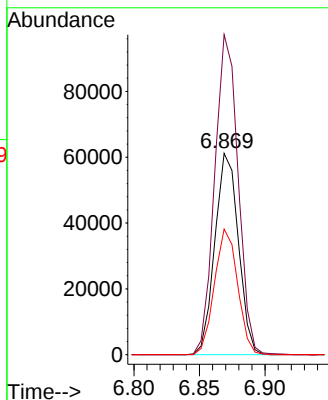
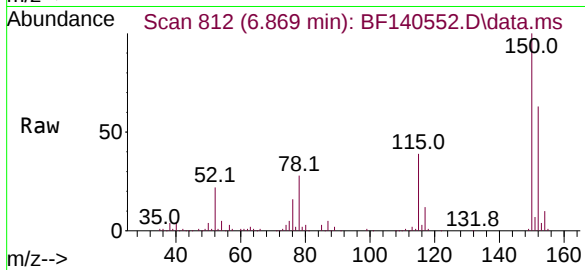




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140552.D
Acq: 21 Nov 2024 22:44

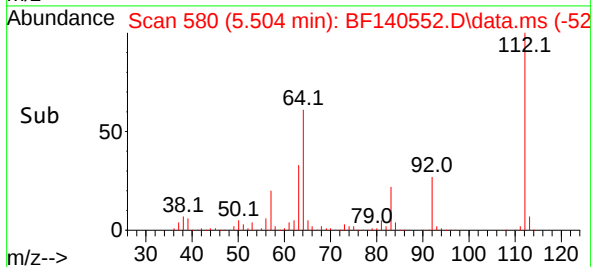
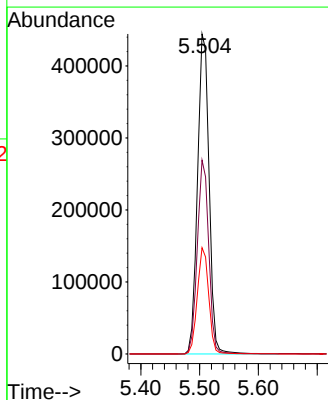
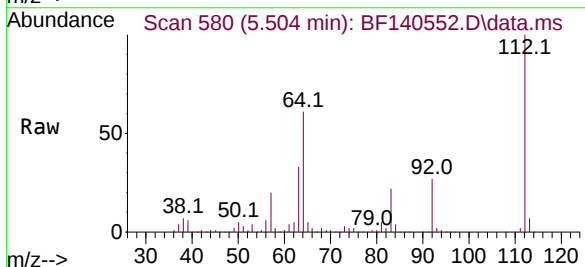
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

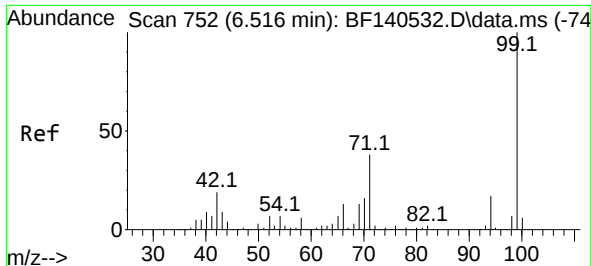
Tgt Ion:152 Resp: 76254
Ion Ratio Lower Upper
152 100
150 158.9 128.5 192.7
115 62.3 50.2 75.4



#5
2-Fluorophenol
Concen: 135.872 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140552.D
Acq: 21 Nov 2024 22:44

Tgt Ion:112 Resp: 607239
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 33.2 27.0 40.4





#7

Phenol-d6

Concen: 127.760 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140552.D

Acq: 21 Nov 2024 22:44

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

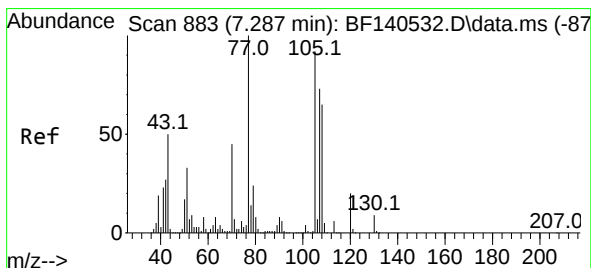
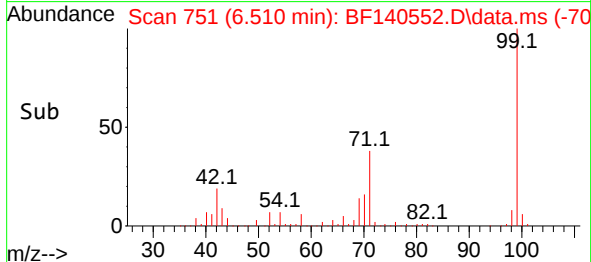
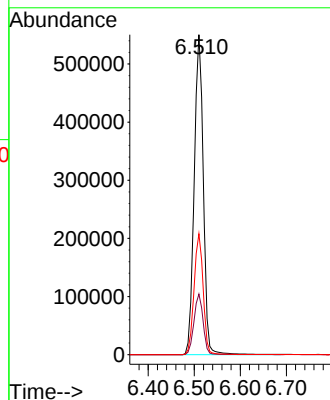
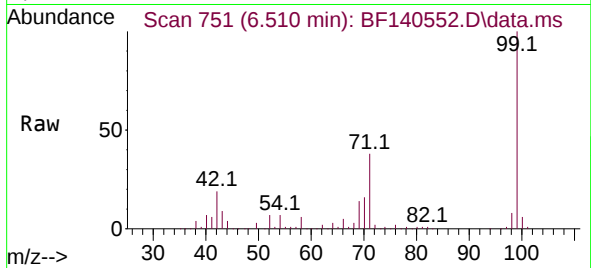
Tgt Ion: 99 Resp: 754853

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

71 37.8 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 20.557 ng

RT: 7.433 min Scan# 908

Delta R.T. 0.147 min

Lab File: BF140552.D

Acq: 21 Nov 2024 22:44

Tgt Ion: 70 Resp: 71783

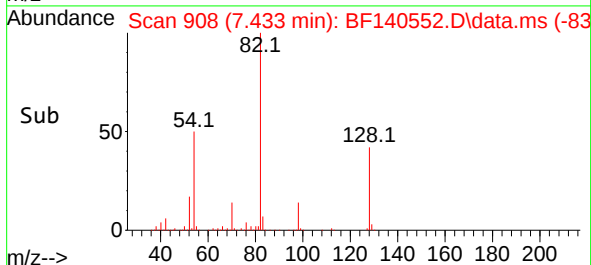
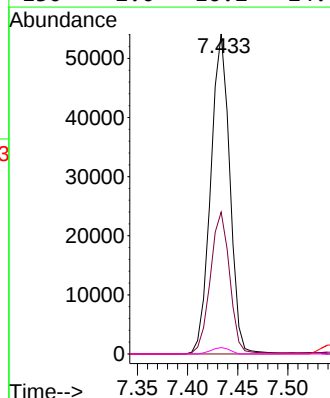
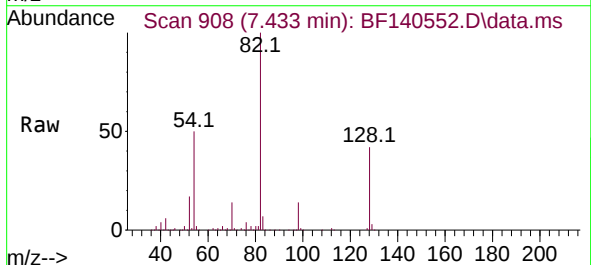
Ion Ratio Lower Upper

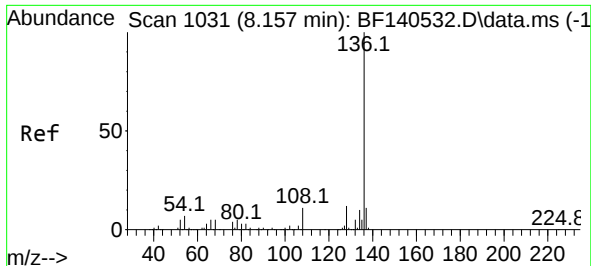
70 100

42 44.3 47.6 71.4#

101 0.0 7.6 11.4#

130 2.0 16.2 24.4#



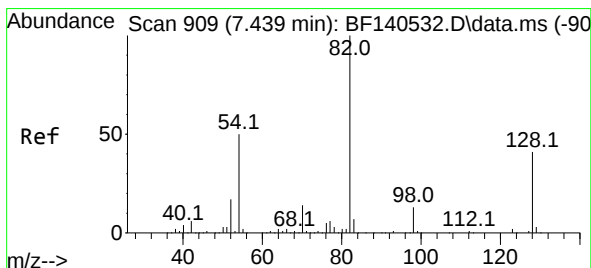
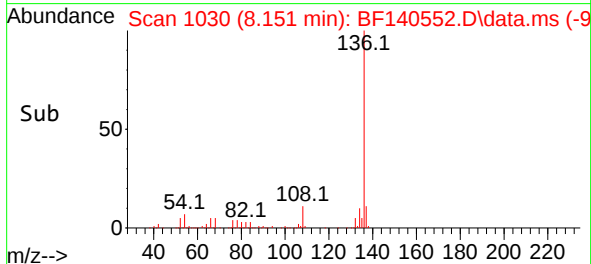
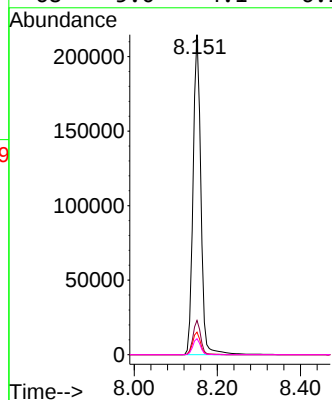
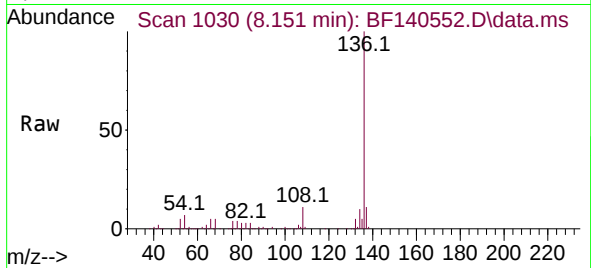


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140552.D
Acq: 21 Nov 2024 22:44

Instrument :
BNA_F
ClientSampleId :
TP-1-WC

Tgt Ion:136 Resp: 278718

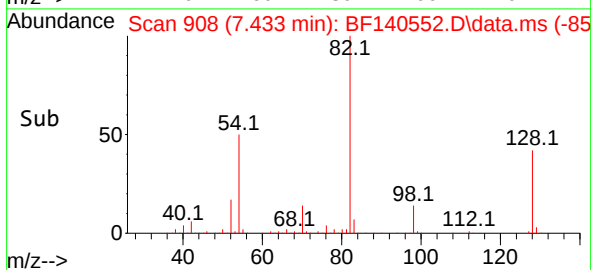
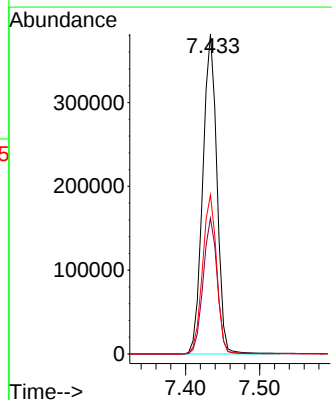
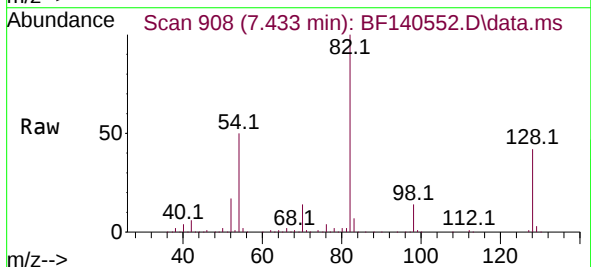
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	5.8	8.8
68	5.0	4.1	6.1

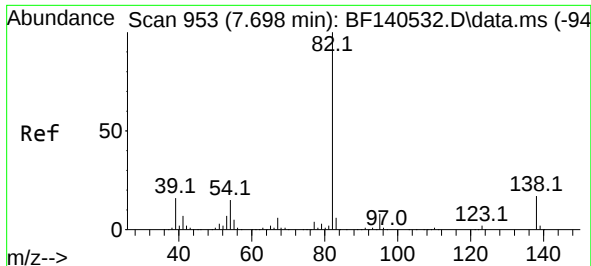


#23
Nitrobenzene-d5
Concen: 93.240 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140552.D
Acq: 21 Nov 2024 22:44

Tgt Ion: 82 Resp: 508066

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.0	49.4
54	49.7	39.5	59.3

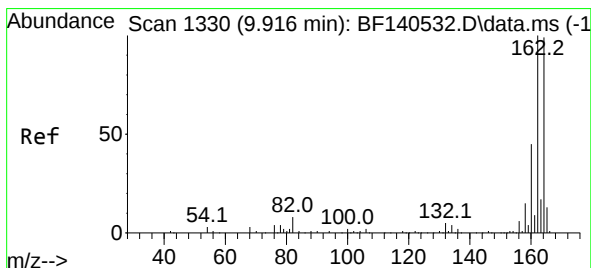
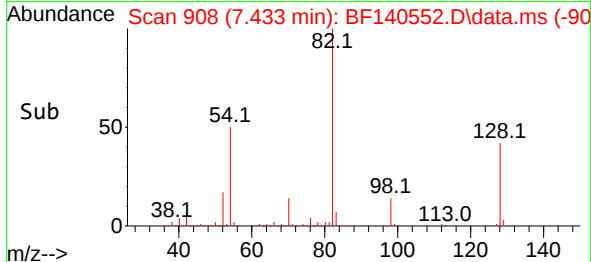
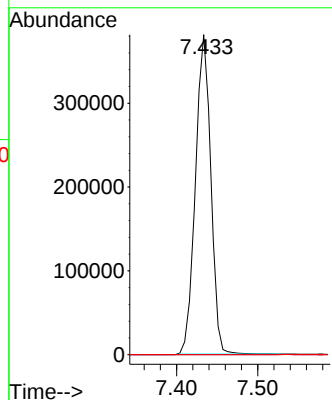
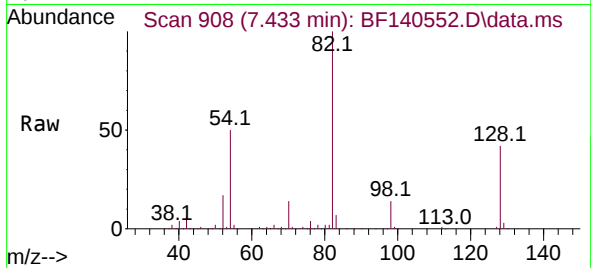




#25
Isophorone
Concen: 55.154 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140552.D
Acq: 21 Nov 2024 22:44

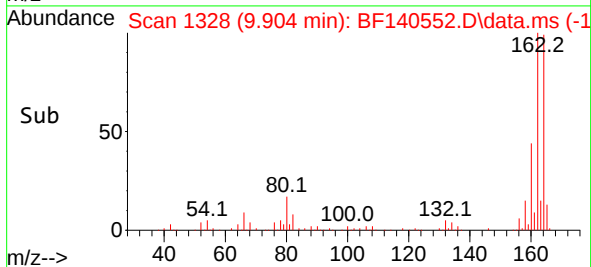
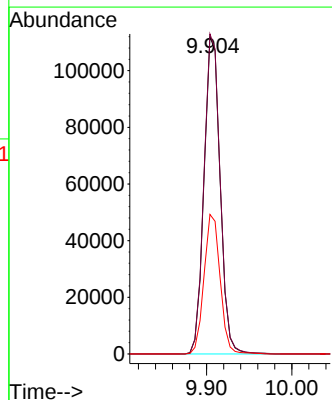
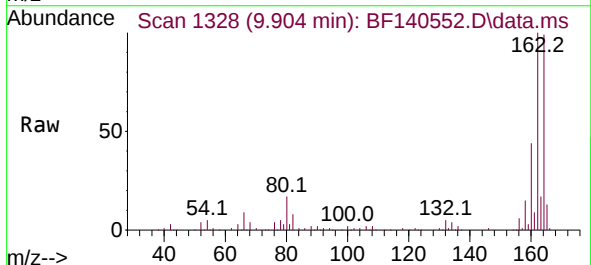
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

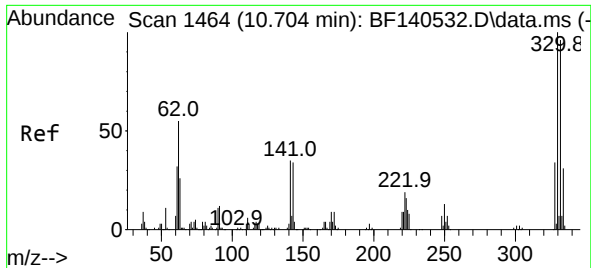
Tgt Ion: 82 Resp: 501271
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140552.D
Acq: 21 Nov 2024 22:44

Tgt Ion: 164 Resp: 146988
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 139.315 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140552.D

Acq: 21 Nov 2024 22:44

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

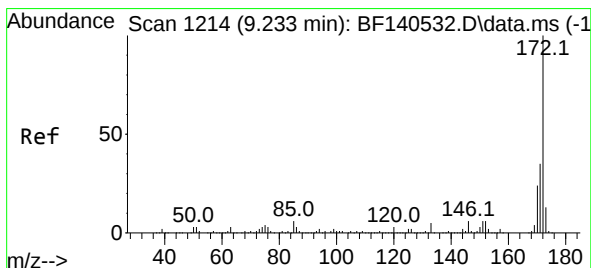
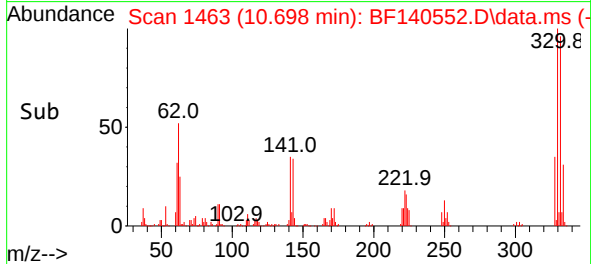
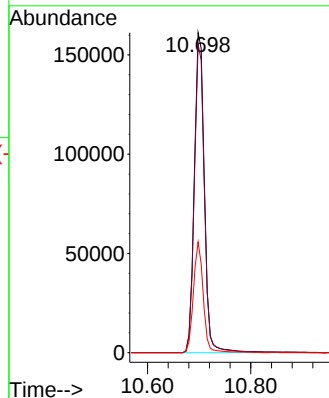
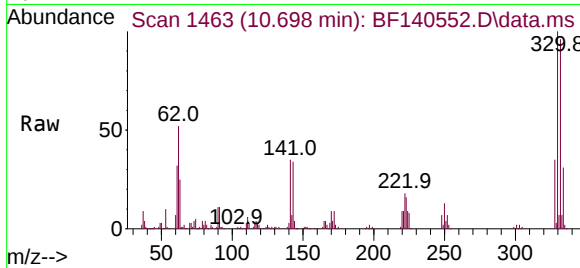
Tgt Ion:330 Resp: 219010

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 33.7 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 96.128 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140552.D

Acq: 21 Nov 2024 22:44

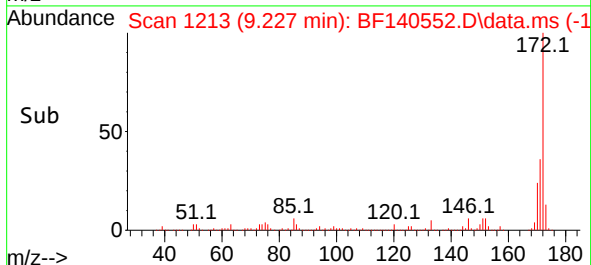
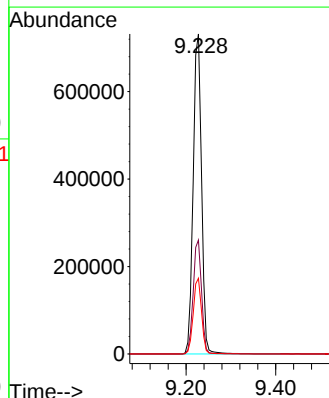
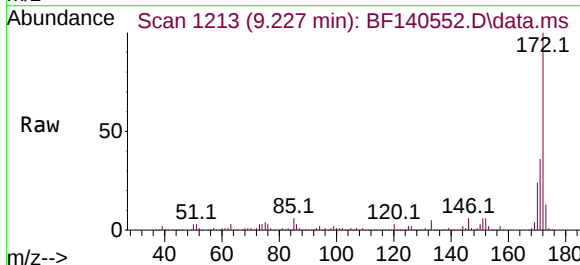
Tgt Ion:172 Resp: 948339

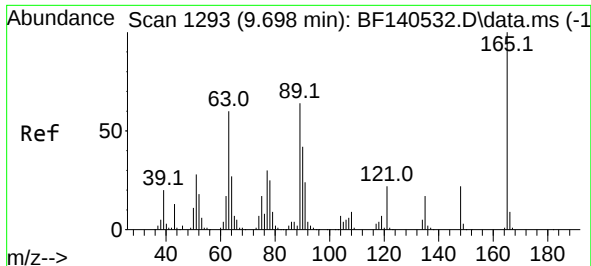
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.511 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140552.D

Acq: 21 Nov 2024 22:44

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

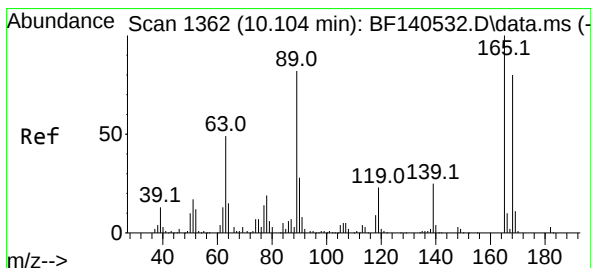
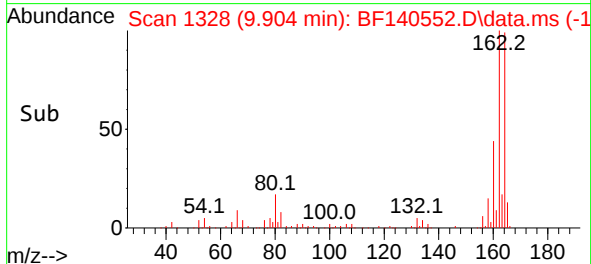
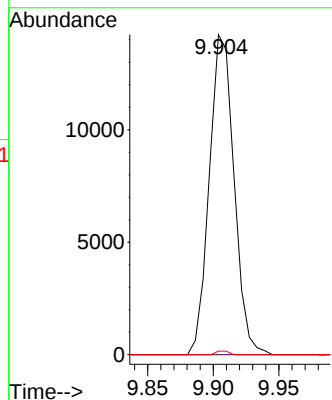
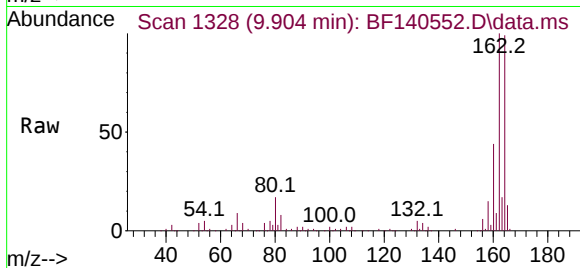
Tgt Ion:165 Resp: 18685

Ion Ratio Lower Upper

165 100

63 0.0 49.9 74.9#

89 1.1 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.404 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140552.D

Acq: 21 Nov 2024 22:44

Tgt Ion:165 Resp: 18685

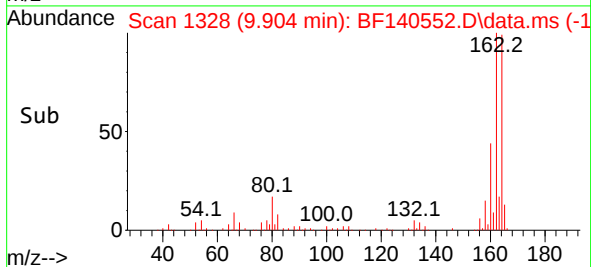
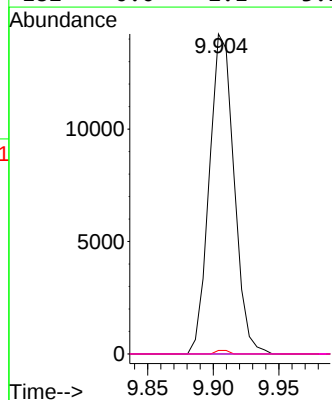
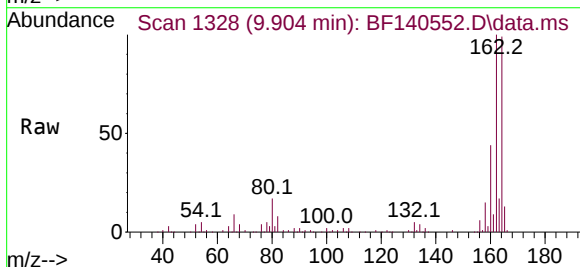
Ion Ratio Lower Upper

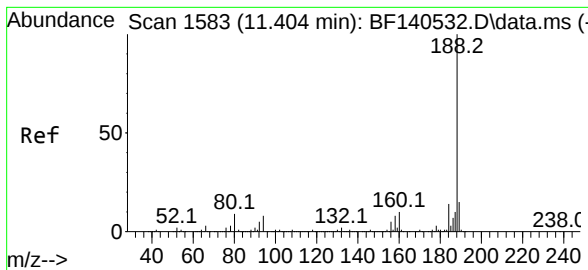
165 100

63 0.0 41.7 62.5#

89 1.1 65.8 98.8#

182 0.0 2.1 3.1#

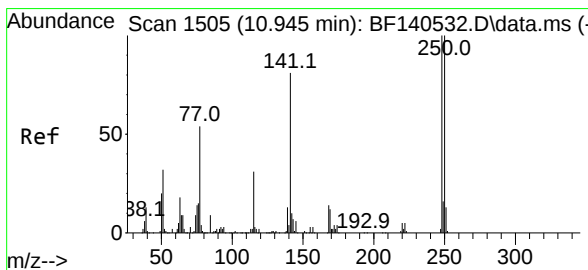
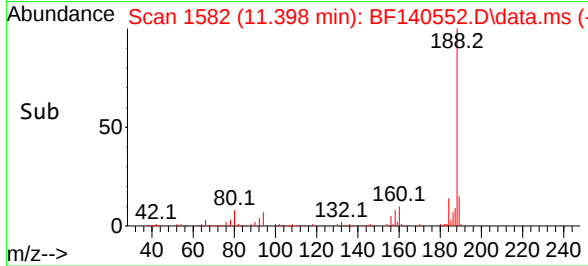
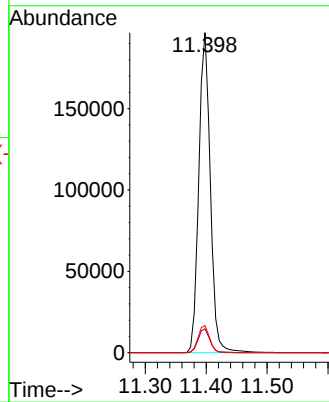
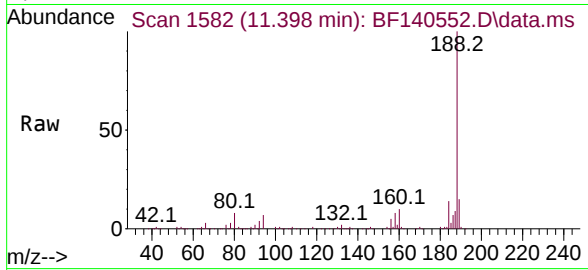




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140552.D
Acq: 21 Nov 2024 22:44

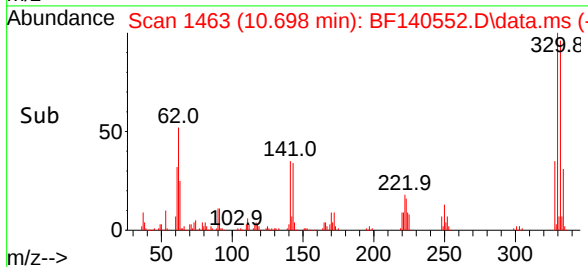
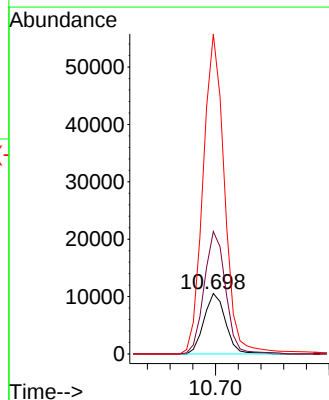
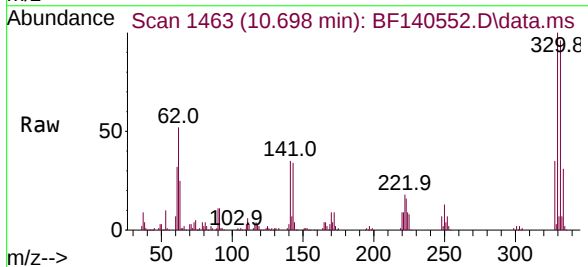
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

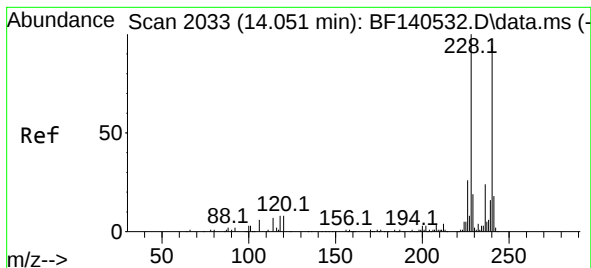
Tgt Ion:188 Resp: 258163
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.4 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 5.235 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140552.D
Acq: 21 Nov 2024 22:44

Tgt Ion:248 Resp: 13917
Ion Ratio Lower Upper
248 100
250 202.5 79.8 119.8#
141 529.1 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140552.D

Acq: 21 Nov 2024 22:44

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

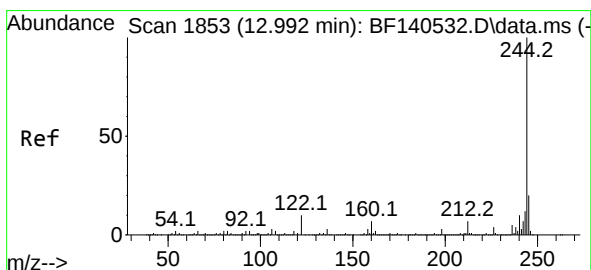
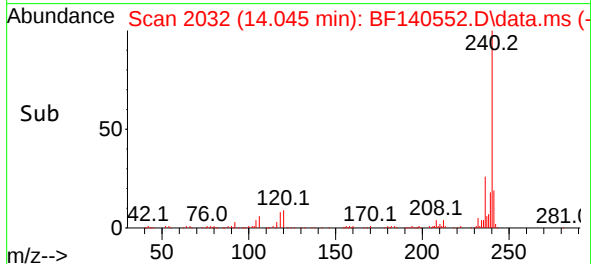
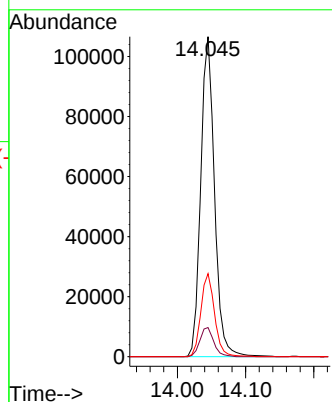
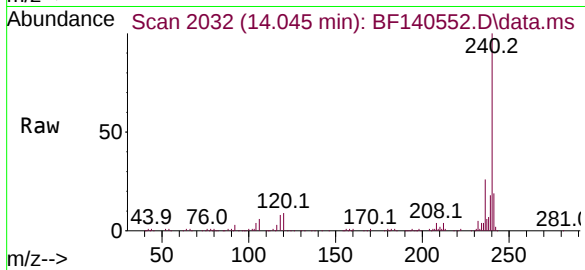
Tgt Ion:240 Resp: 149736

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 26.0 20.6 31.0



#79

Terphenyl-d14

Concen: 93.213 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140552.D

Acq: 21 Nov 2024 22:44

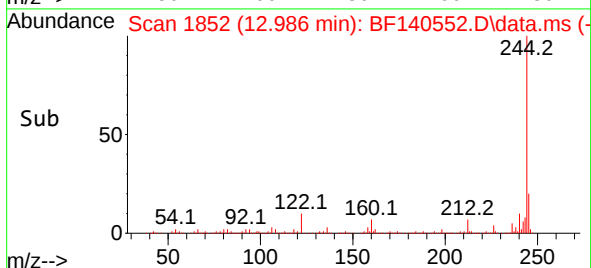
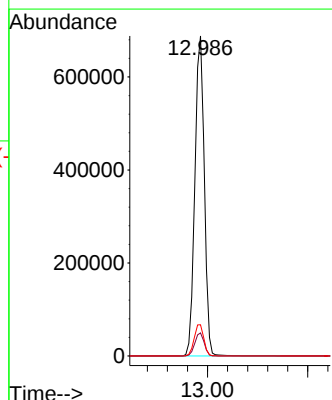
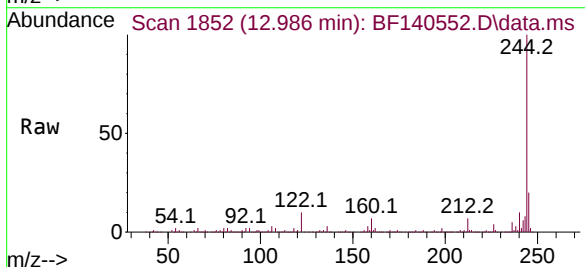
Tgt Ion:244 Resp: 896351

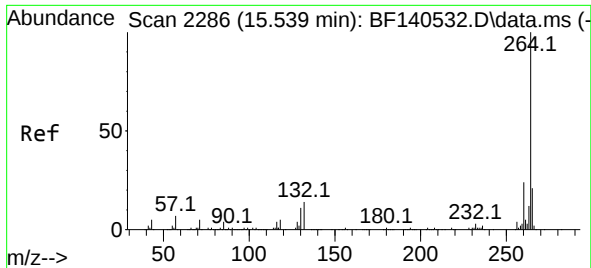
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

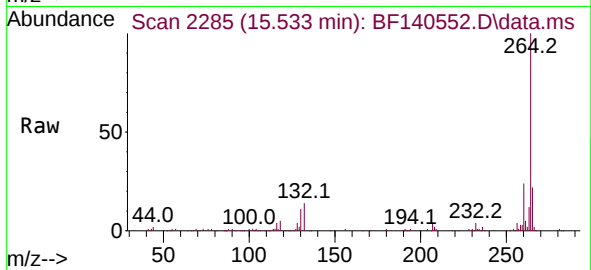
122 9.7 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140552.D
Acq: 21 Nov 2024 22:44

Instrument :
BNA_F
ClientSampleId :
TP-1-WC



Tgt Ion:264 Resp: 113850
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 21.8 16.6 25.0

