

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141982.D
 Acq On : 17 Mar 2025 15:29
 Operator : RC/JU
 Sample : Q1574-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1

Quant Time: Mar 25 16:16:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

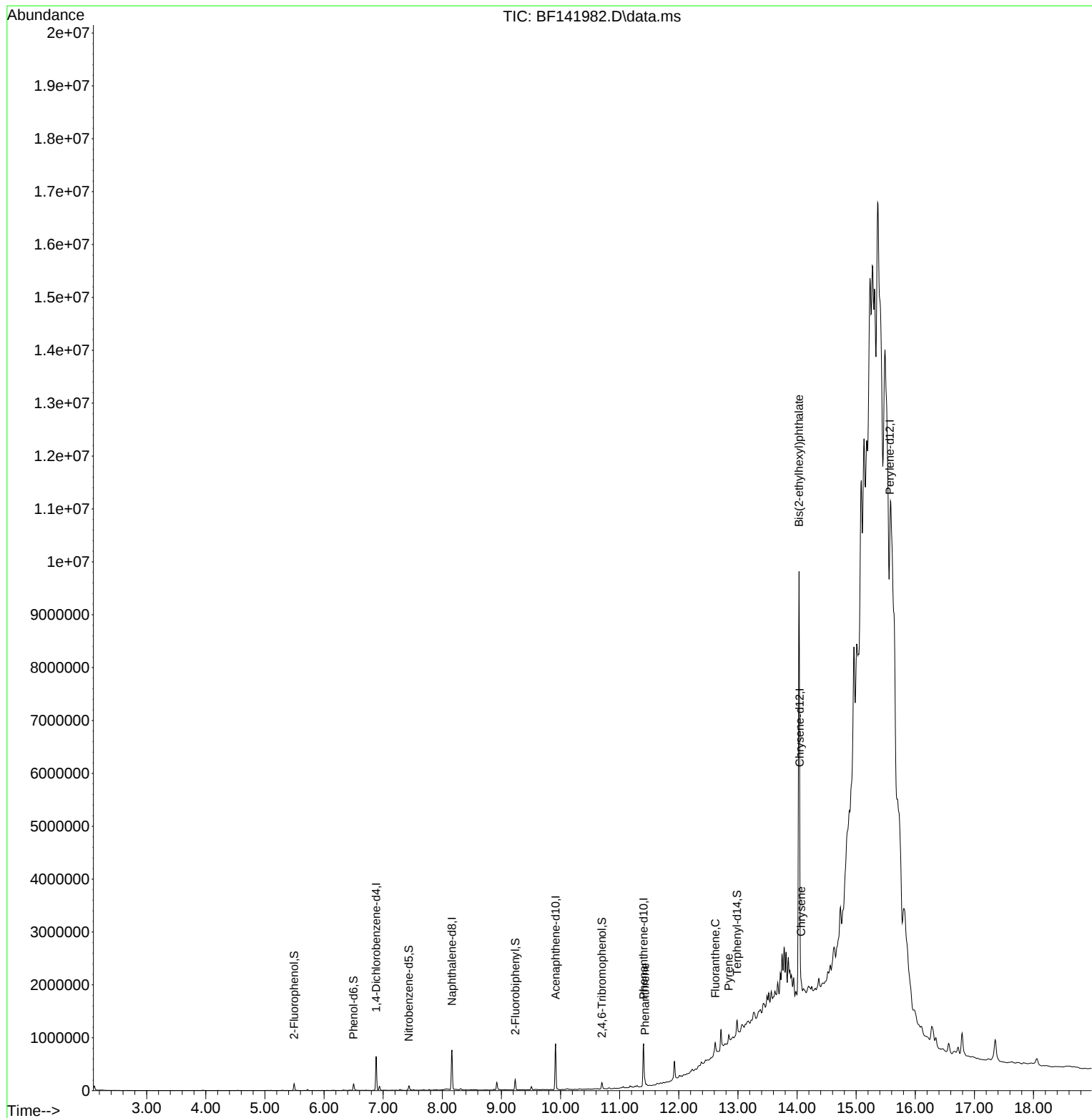
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	134820	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	482604	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	242342	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	413517	20.000	ng	0.00
76) Chrysene-d12	14.045	240	298547	20.000	ng	0.00
86) Perylene-d12	15.569	264	246126	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	52902	6.549	ng	0.00
7) Phenol-d6	6.498	99	63864	6.209	ng	0.00
23) Nitrobenzene-d5	7.434	82	40431	4.715	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	19673	6.399	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	86625	5.436	ng	0.00
79) Terphenyl-d14	12.986	244	105058	5.203	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.428	178	68457	3.065	ng	99
75) Fluoranthene	12.616	202	116131	4.902	ng	98
78) Pyrene	12.845	202	87760	3.398	ng	96
83) Chrysene	14.069	228	57899	3.260	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.033	149	3530429	253.322	ng	# 94

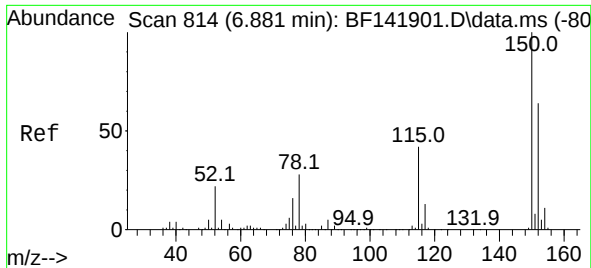
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
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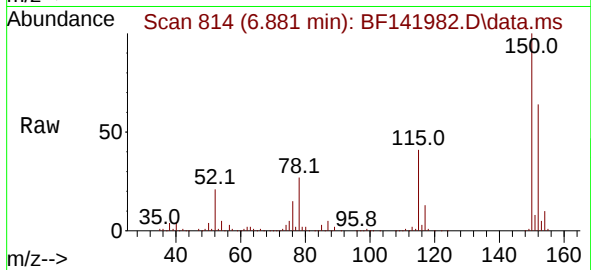
Quant Time: Mar 25 16:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
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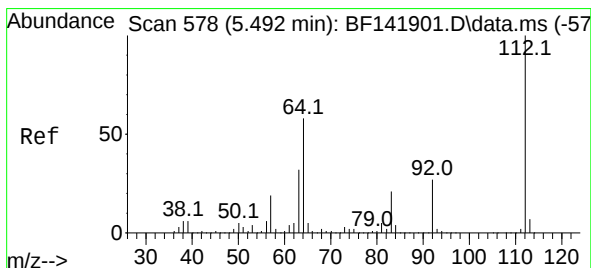
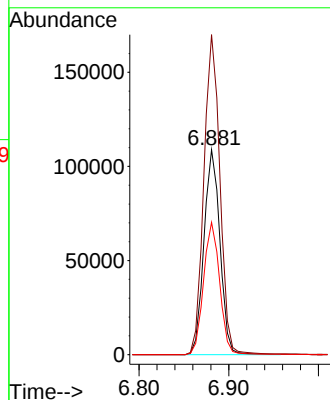
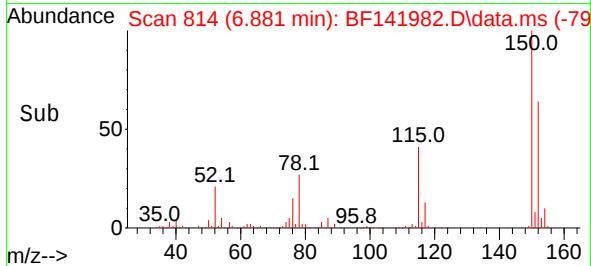


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

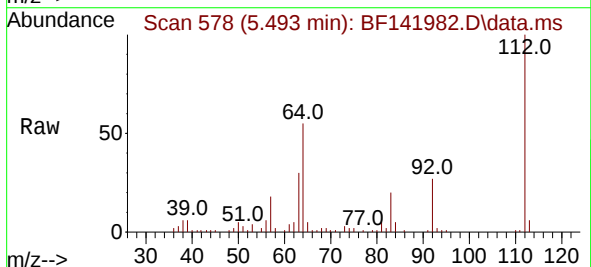
Instrument :
BNA_F
ClientSampleId :
WC1



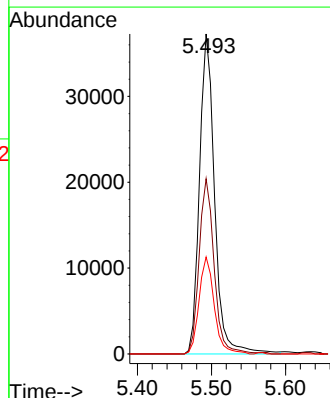
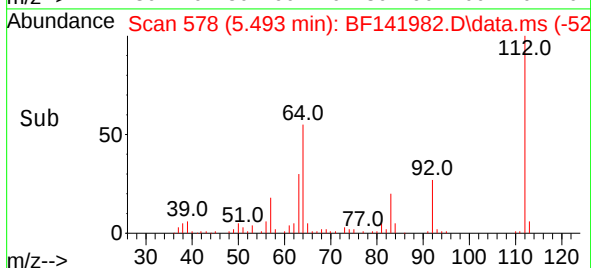
Tgt Ion:152 Resp: 134820
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.2
115 64.6 51.9 77.9

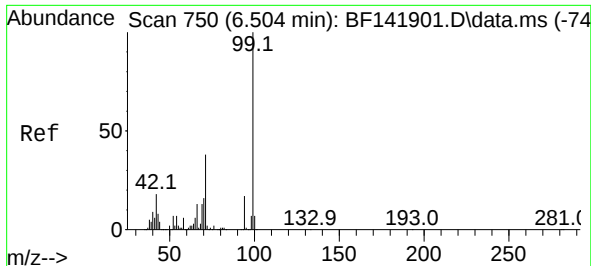


#5
2-Fluorophenol
Concen: 6.549 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29



Tgt Ion:112 Resp: 52902
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 30.3 25.4 38.2

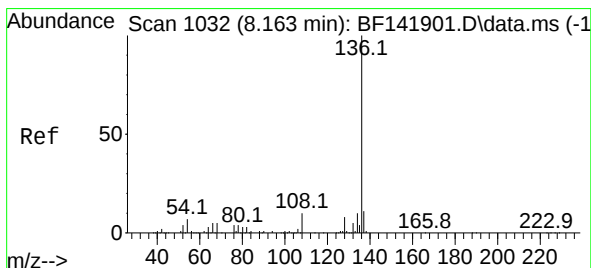
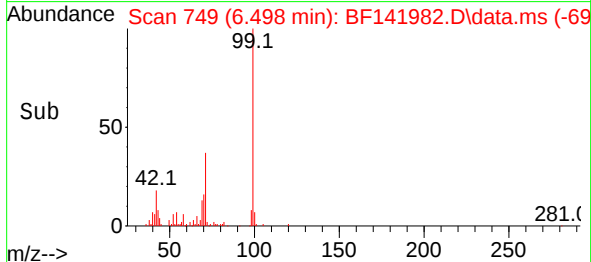
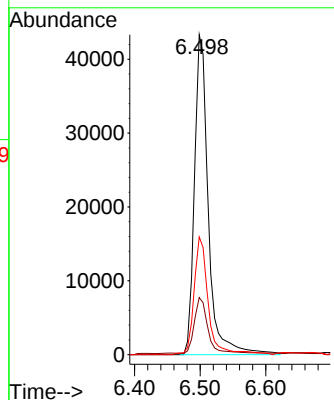
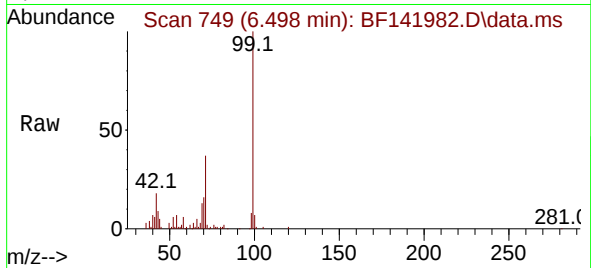




#7
Phenol-d6
Concen: 6.209 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

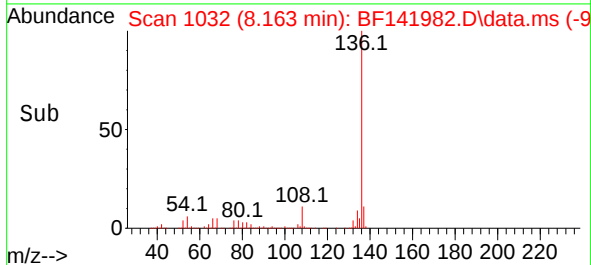
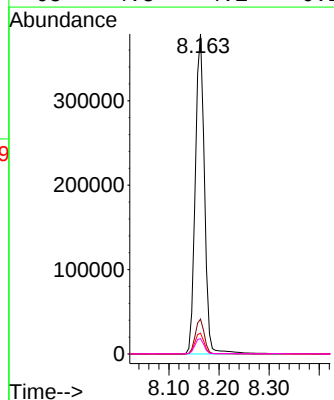
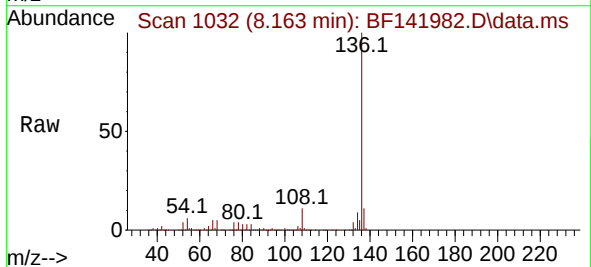
Instrument :
BNA_F
ClientSampleId :
WC1

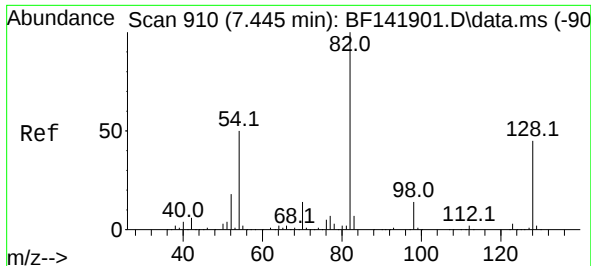
Tgt Ion: 99 Resp: 63864
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 36.8 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion: 136 Resp: 482604
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 4.715 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1

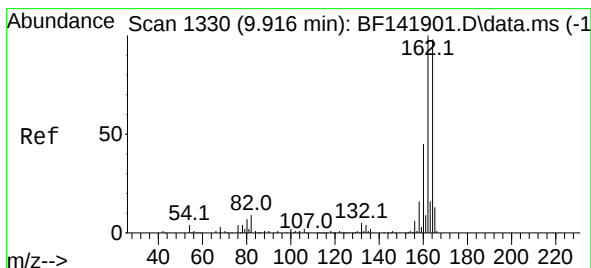
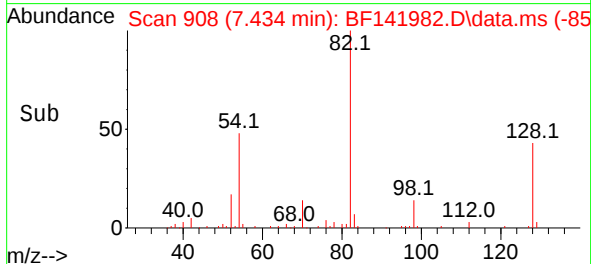
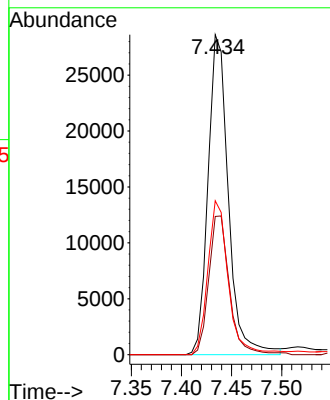
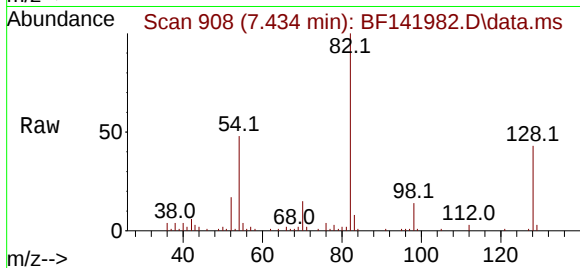
Tgt Ion: 82 Resp: 40431

Ion Ratio Lower Upper

82 100

128 43.2 36.0 54.0

54 48.1 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

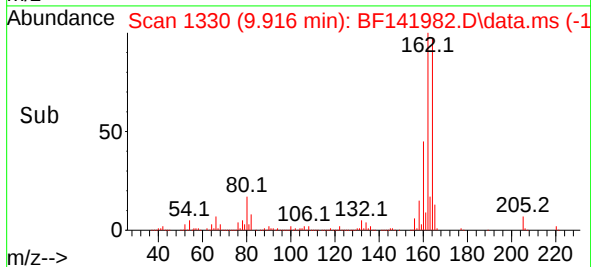
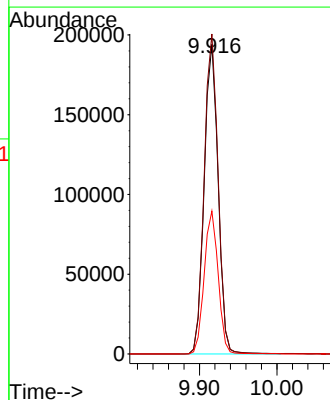
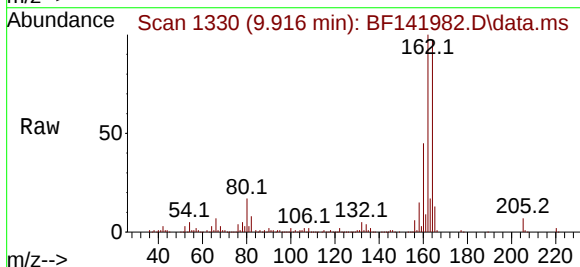
Tgt Ion:164 Resp: 242342

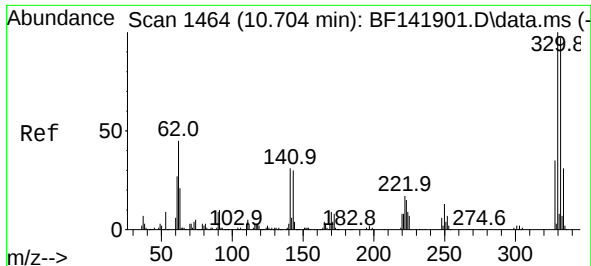
Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.6

160 46.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 6.399 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1

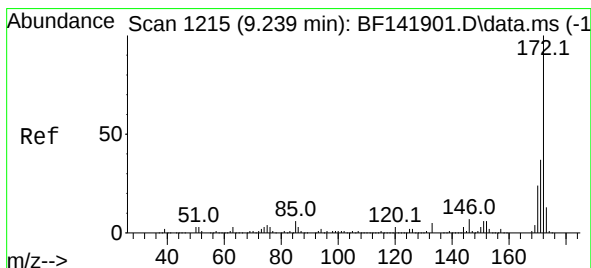
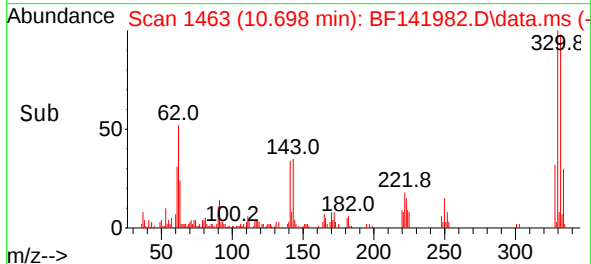
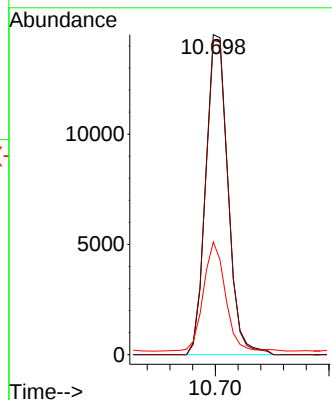
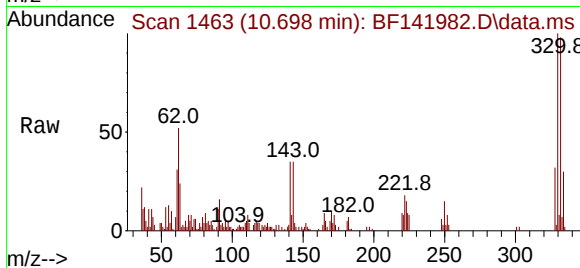
Tgt Ion:330 Resp: 19673

Ion Ratio Lower Upper

330 100

332 98.9 77.6 116.4

141 35.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 5.436 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

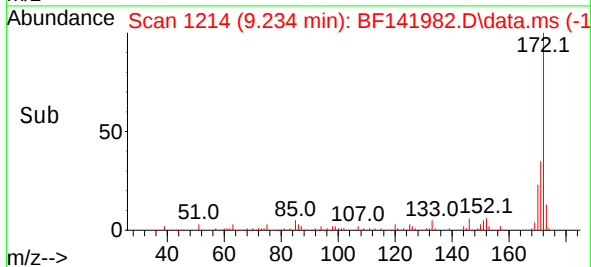
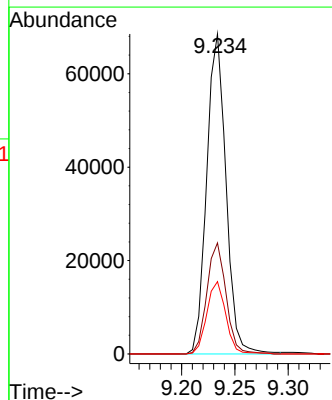
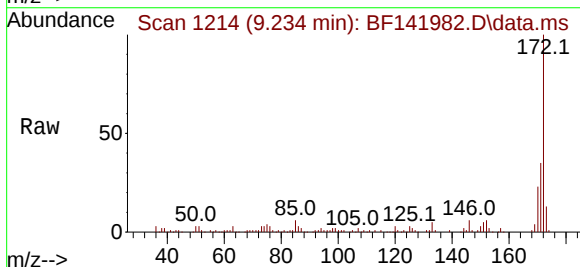
Tgt Ion:172 Resp: 86625

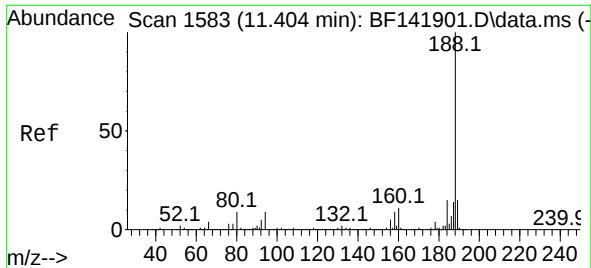
Ion Ratio Lower Upper

172 100

171 34.7 29.3 43.9

170 22.6 19.4 29.0

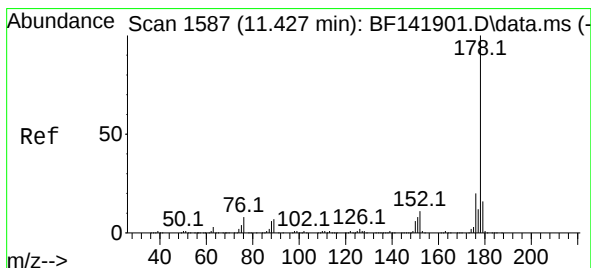
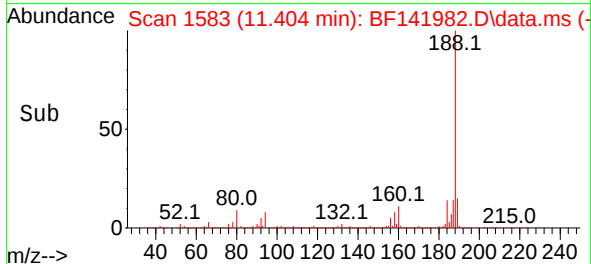
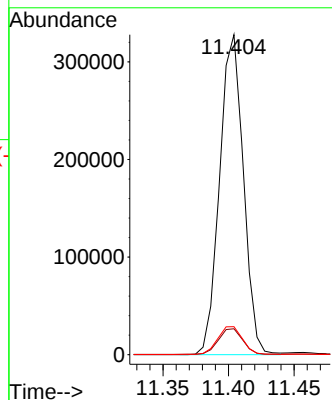
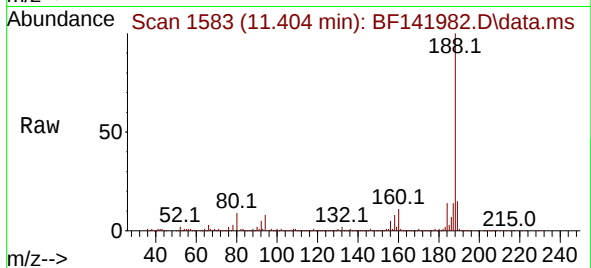




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

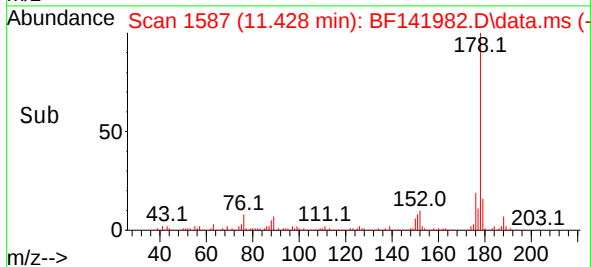
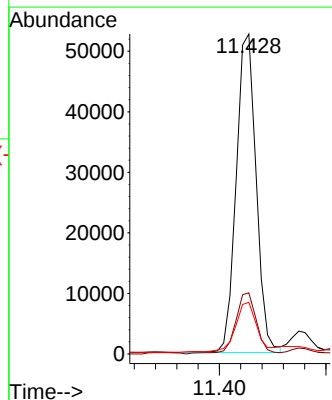
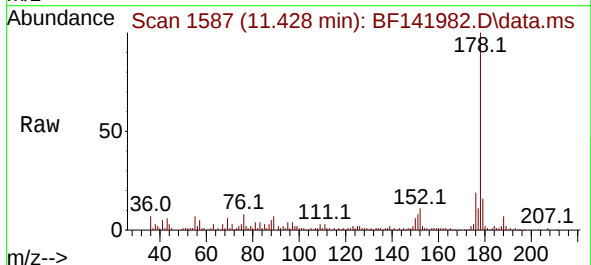
Instrument :
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WC1

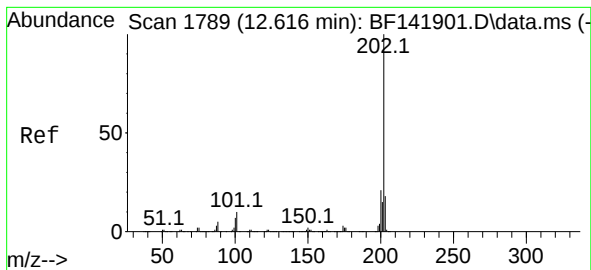
Tgt Ion:188 Resp: 413517
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.7 7.6 11.4



#71
Phenanthrene
Concen: 3.065 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:178 Resp: 68457
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 16.2 12.6 19.0

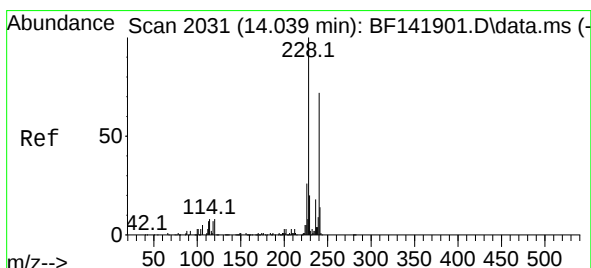
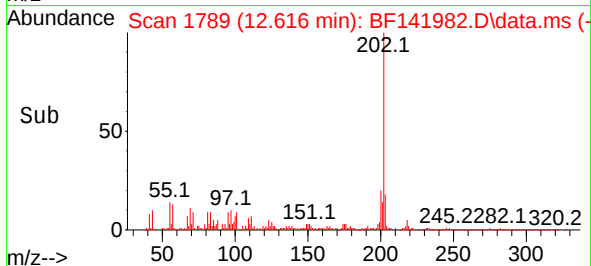
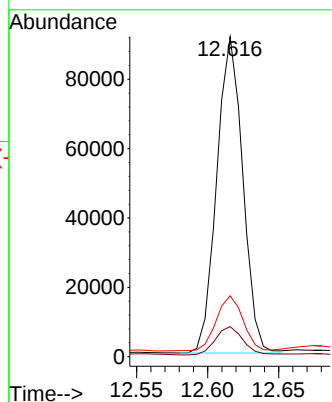
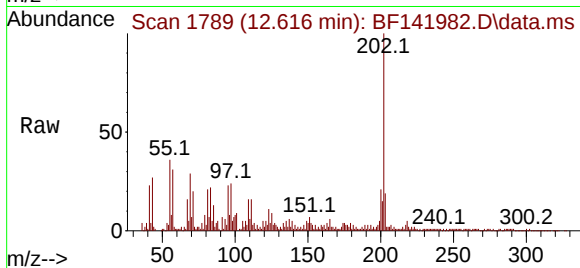




#75
Fluoranthene
Concen: 4.902 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

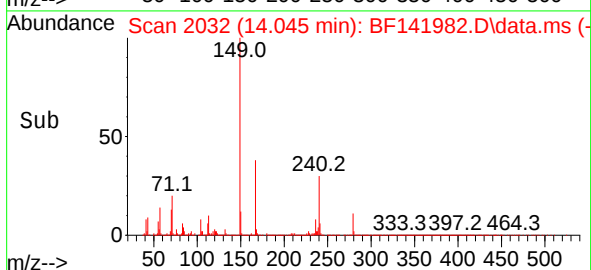
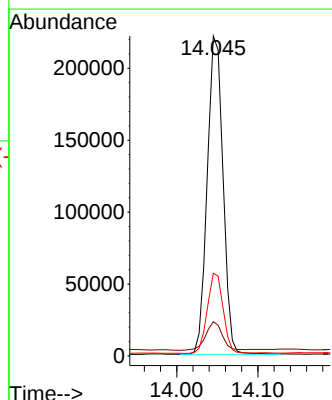
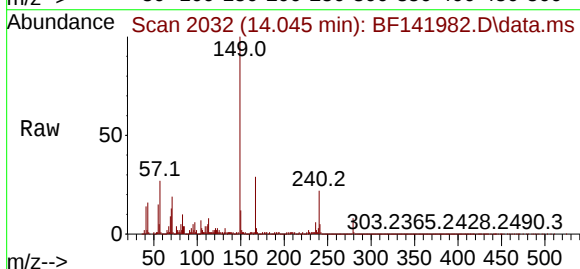
Instrument :
BNA_F
ClientSampleId :
WC1

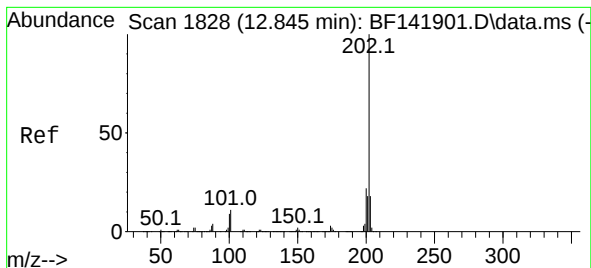
Tgt Ion:202 Resp: 116131
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 19.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:240 Resp: 298547
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 25.9 20.5 30.7





#78

Pyrene

Concen: 3.398 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1

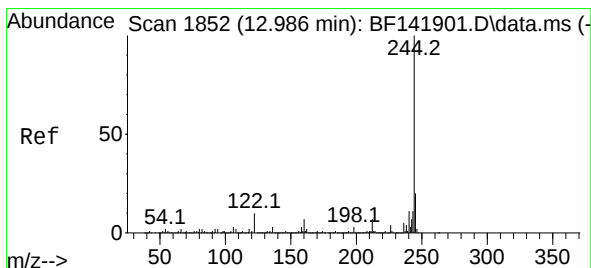
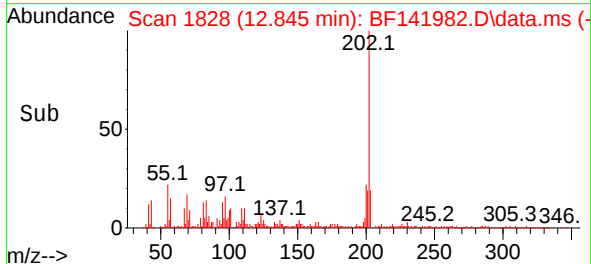
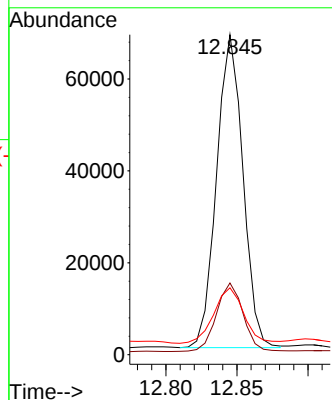
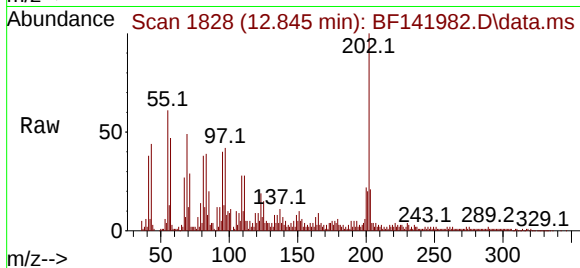
Tgt Ion:202 Resp: 87760

Ion Ratio Lower Upper

202 100

200 22.4 17.3 25.9

203 20.9 14.4 21.6



#79

Terphenyl-d14

Concen: 5.203 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

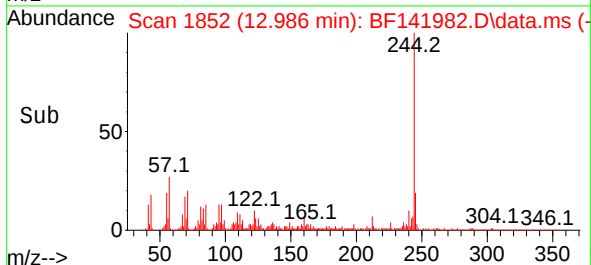
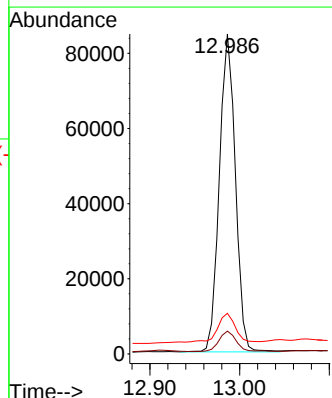
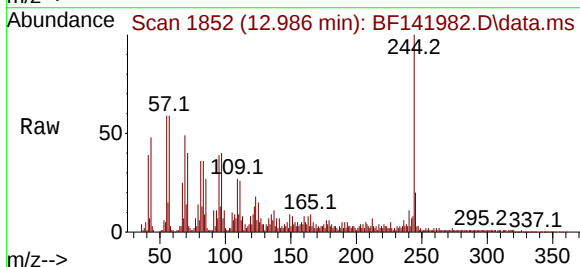
Tgt Ion:244 Resp: 105058

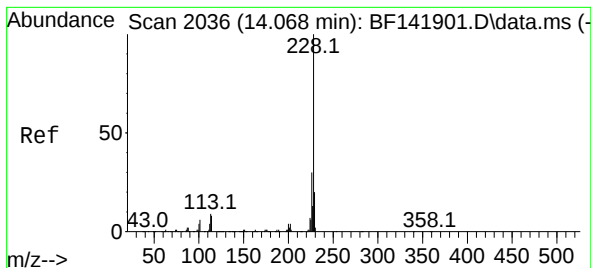
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 12.7 7.7 11.5#





#83

Chrysene

Concen: 3.260 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1

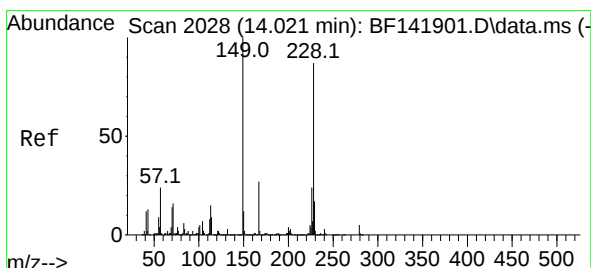
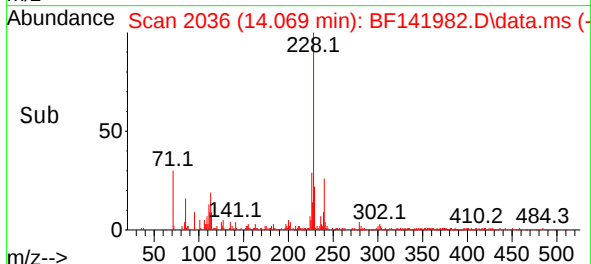
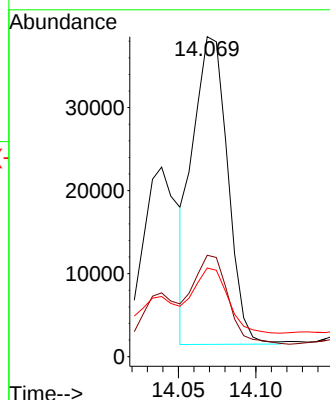
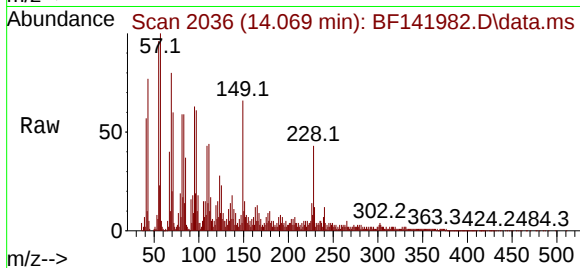
Tgt Ion:228 Resp: 57899

Ion Ratio Lower Upper

228 100

226 31.7 24.1 36.1

229 27.7 15.7 23.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 253.322 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.012 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

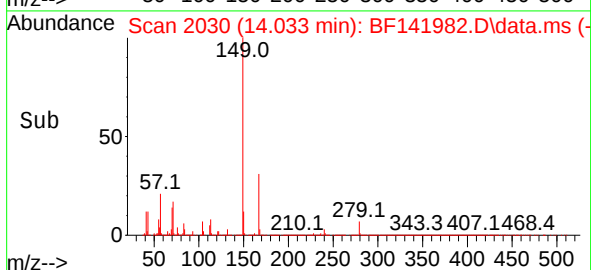
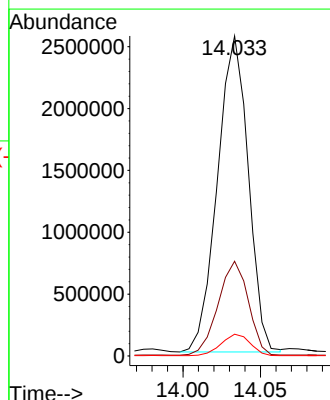
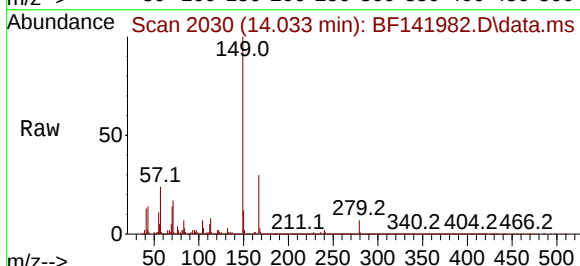
Tgt Ion:149 Resp: 3530429

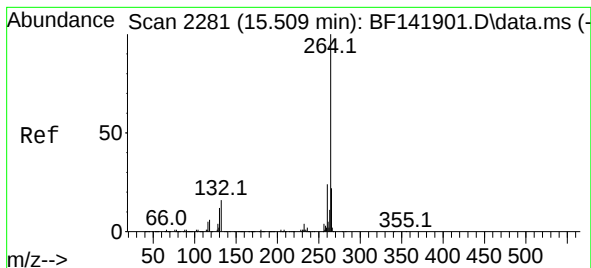
Ion Ratio Lower Upper

149 100

167 29.6 21.4 32.0

279 6.8 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.569 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF141982.D

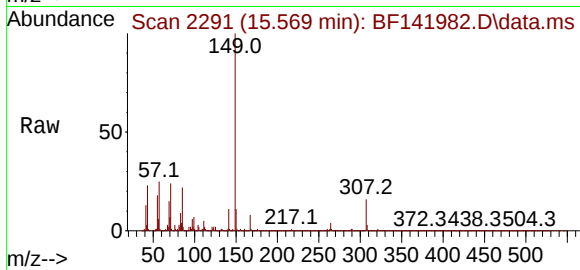
Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1



Tgt Ion:264 Resp: 246126

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 22.9 17.5 26.3

