

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142403.D
 Acq On : 15 May 2025 20:36
 Operator : RC/JU
 Sample : Q2014-05 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0148

Quant Time: May 16 01:09:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

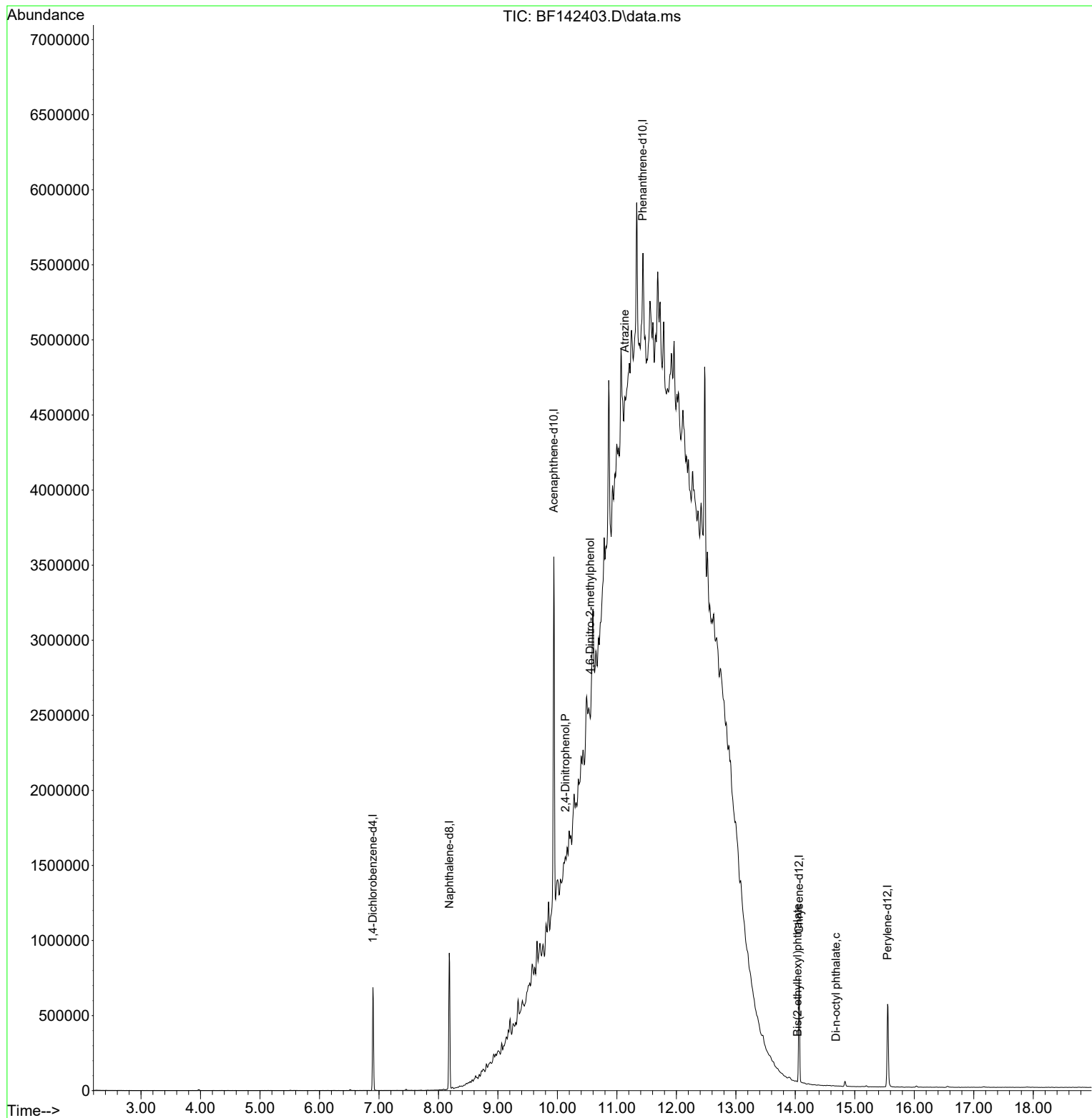
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	150230	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	574156	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	263483	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	382105	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	339147	20.000	ng	0.00
86) Perylene-d12	15.551	264	331757	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1035	0.118	ng	0.00
7) Phenol-d6	6.516	99	3491	0.323	ng	0.00
23) Nitrobenzene-d5	7.457	82	3378	0.359	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	1554	0.611	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	13218	0.715	ng	0.00
79) Terphenyl-d14	13.016	244	11924	0.520	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	10.133	184	264	7.806	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.551	198	279	7.318	ng	# 1
69) Atrazine	11.133	200	25968	7.748	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.039	149	1509	4.357	ng	# 97
85) Di-n-octyl phthalate	14.686	149	141	7.845	ng	# 1

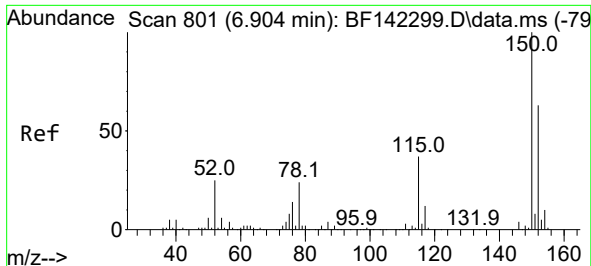
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 05 18:41:44 2025
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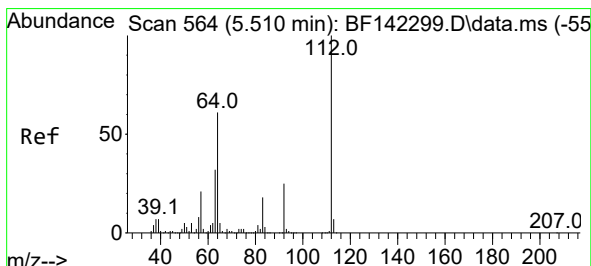
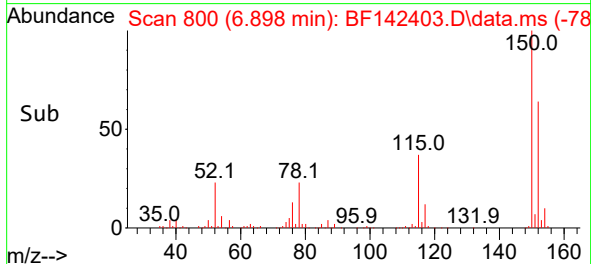
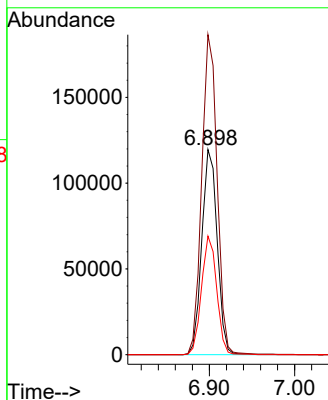
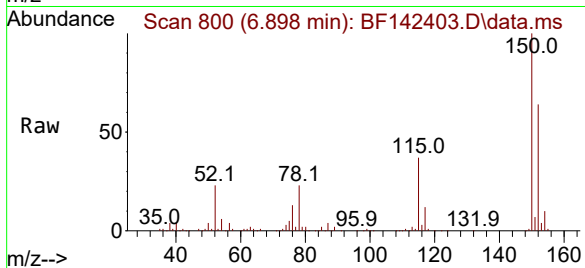




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142403.D
Acq: 15 May 2025 20:36

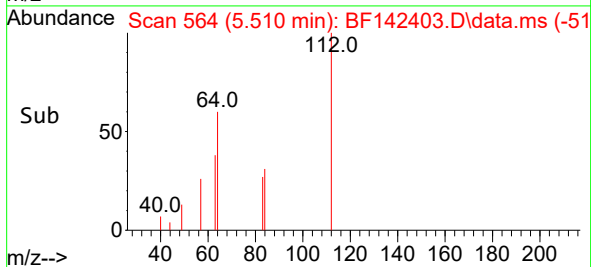
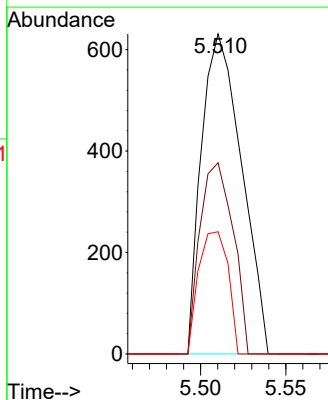
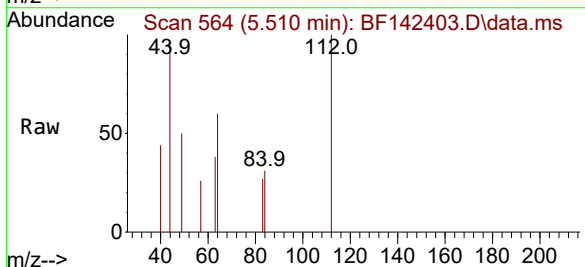
Instrument :
BNA_F
ClientSampleId :
MOO-25-0148

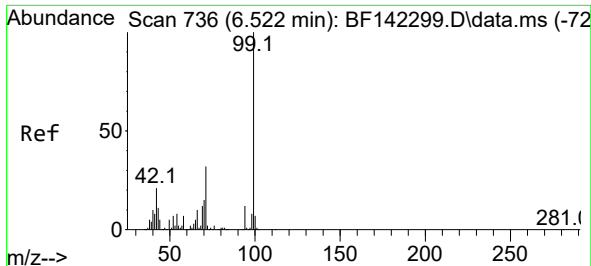
Tgt Ion:152 Resp: 150230
Ion Ratio Lower Upper
152 100
150 156.0 126.6 190.0
115 57.8 47.3 70.9



#5
2-Fluorophenol
Concen: 0.118 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142403.D
Acq: 15 May 2025 20:36

Tgt Ion:112 Resp: 1035
Ion Ratio Lower Upper
112 100
64 59.7 48.9 73.3
63 38.2 25.6 38.4

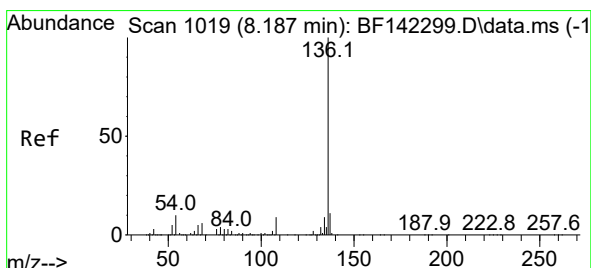
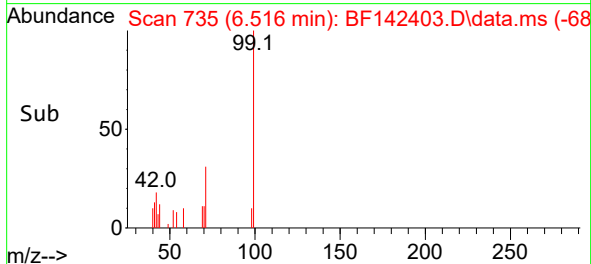
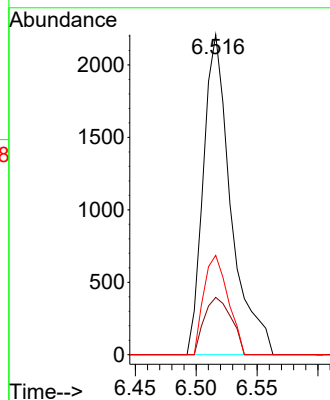
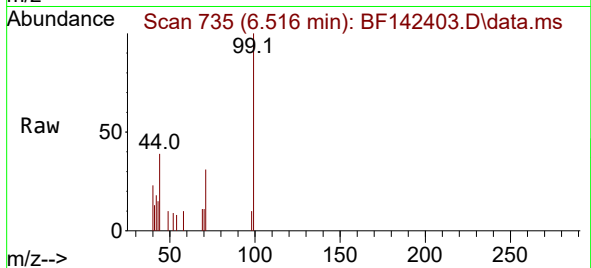




#7
Phenol-d6
Concen: 0.323 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142403.D
Acq: 15 May 2025 20:36

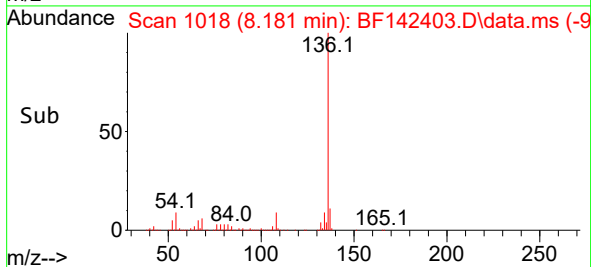
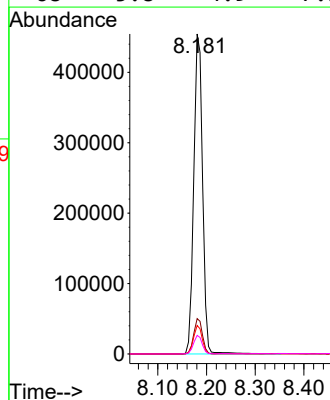
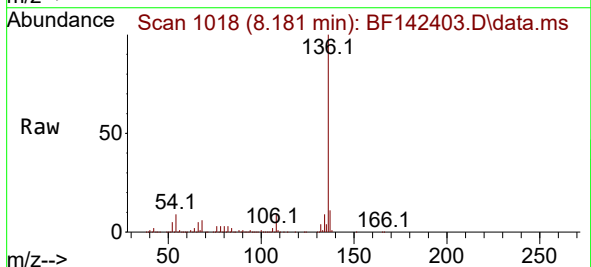
Instrument :
BNA_F
ClientSampleId :
MOO-25-0148

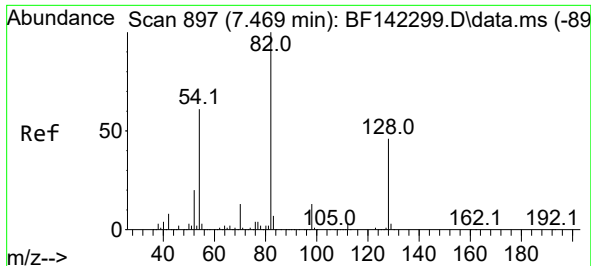
Tgt Ion: 99 Resp: 3491
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.4
71 31.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142403.D
Acq: 15 May 2025 20:36

Tgt Ion: 136 Resp: 574156
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.9 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 0.359 ng

RT: 7.457 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF142403.D

Acq: 15 May 2025 20:36

Instrument :

BNA_F

ClientSampleId :

MOO-25-0148

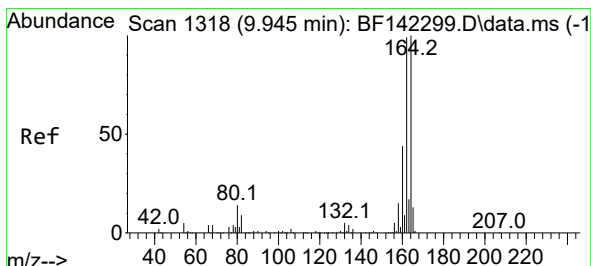
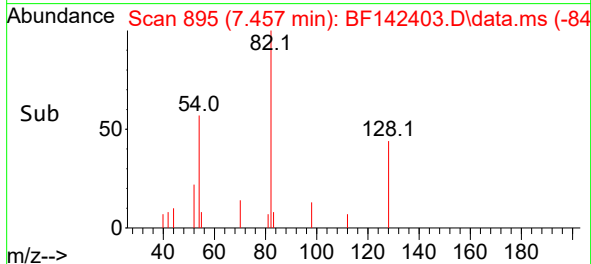
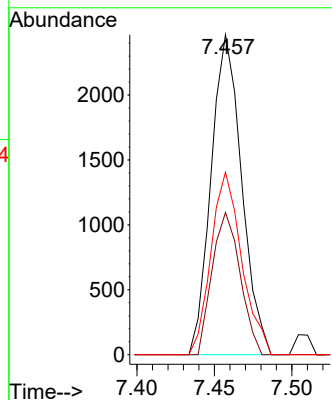
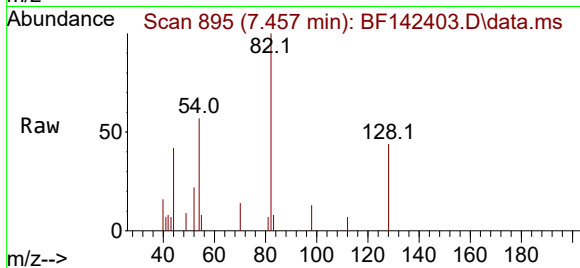
Tgt Ion: 82 Resp: 3378

Ion Ratio Lower Upper

82 100

128 44.5 37.0 55.6

54 57.0 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142403.D

Acq: 15 May 2025 20:36

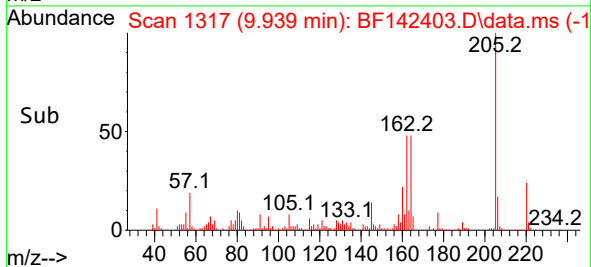
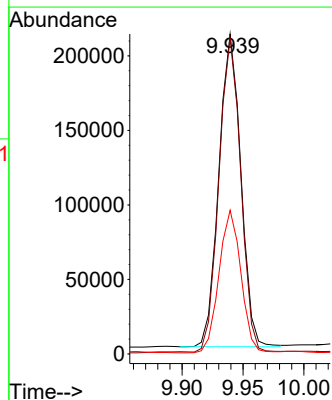
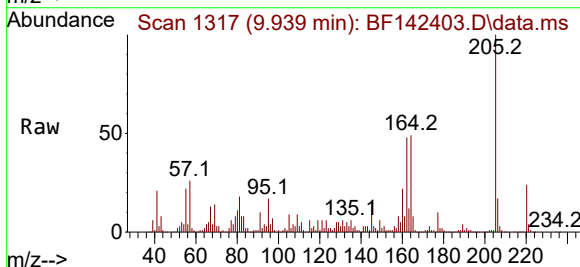
Tgt Ion: 164 Resp: 263483

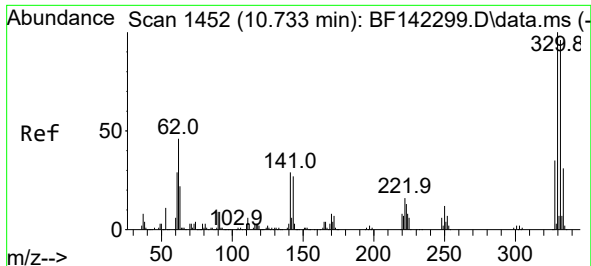
Ion Ratio Lower Upper

164 100

162 98.7 79.2 118.8

160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 0.611 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142403.D

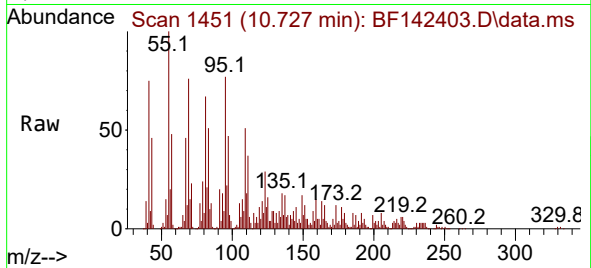
Acq: 15 May 2025 20:36

Instrument :

BNA_F

ClientSampleId :

MOO-25-0148



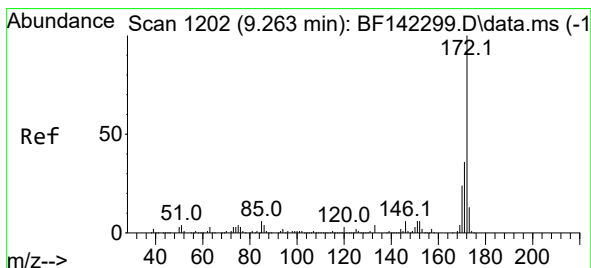
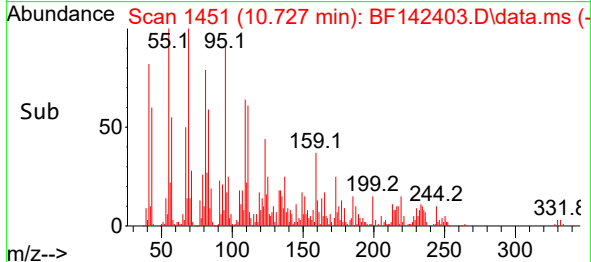
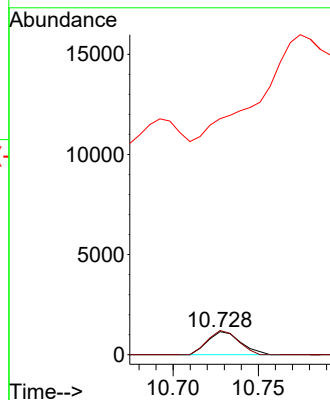
Tgt Ion:330 Resp: 1554

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 0.0 24.9 37.3#



#45

2-Fluorobiphenyl

Concen: 0.715 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142403.D

Acq: 15 May 2025 20:36

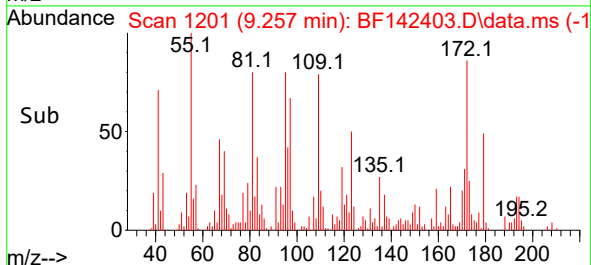
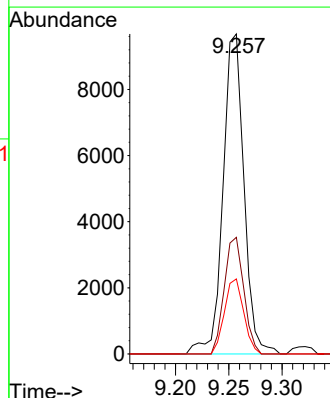
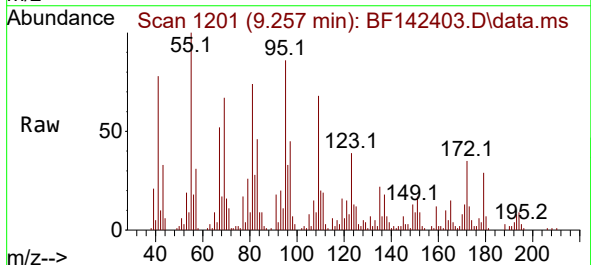
Tgt Ion:172 Resp: 13218

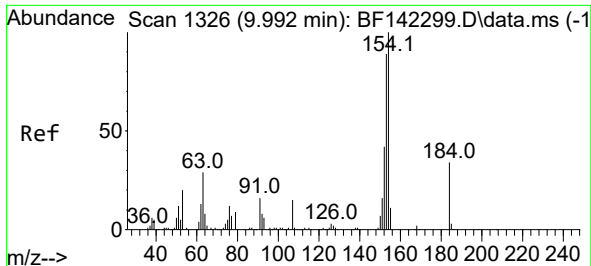
Ion Ratio Lower Upper

172 100

171 36.4 28.6 42.8

170 23.4 19.0 28.4

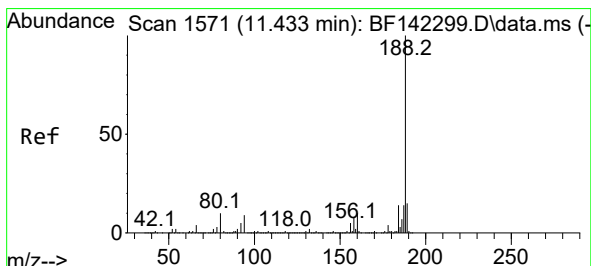
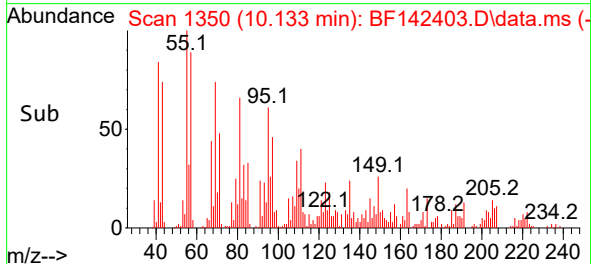
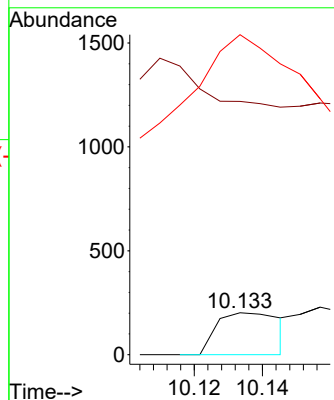
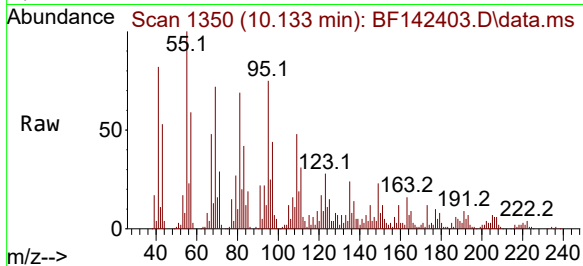




#54
2,4-Dinitrophenol
Concen: 7.806 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF142403.D
Acq: 15 May 2025 20:36

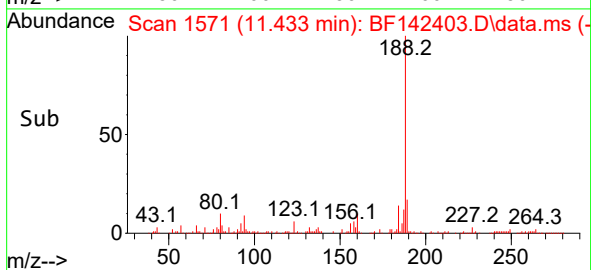
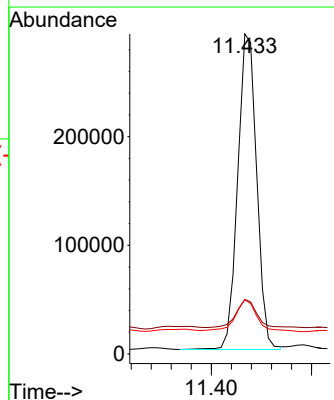
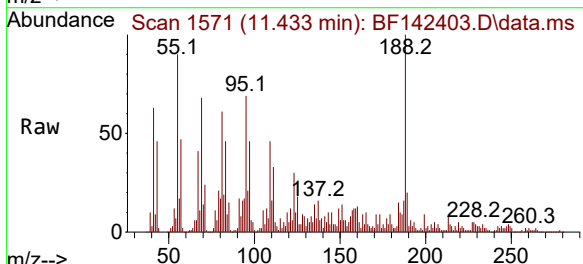
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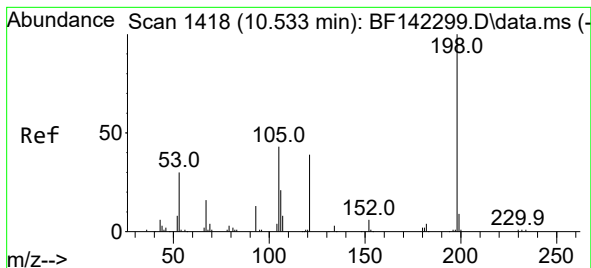
Tgt Ion:184 Resp: 264
Ion Ratio Lower Upper
184 100
63 603.5 70.6 105.8#
154 762.4 257.2 385.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142403.D
Acq: 15 May 2025 20:36

Tgt Ion:188 Resp: 382105
Ion Ratio Lower Upper
188 100
94 17.0 7.5 11.3#
80 16.9 7.9 11.9#

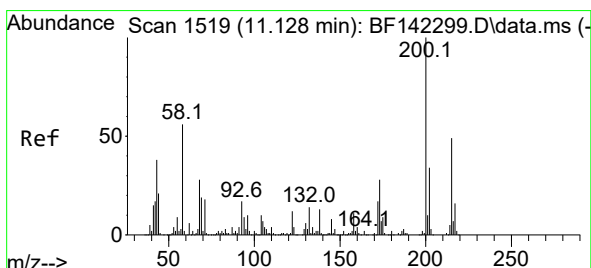
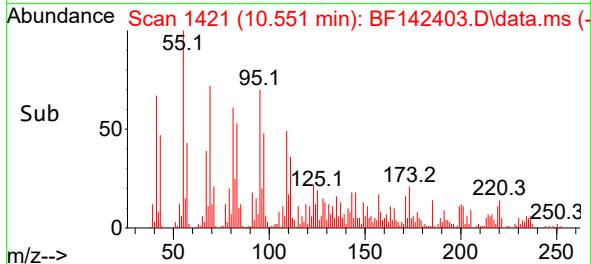
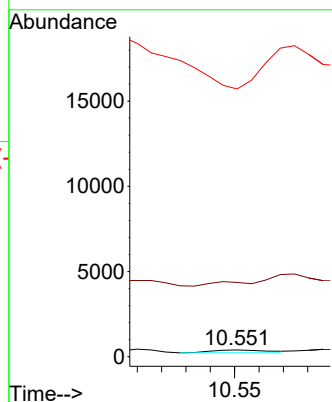
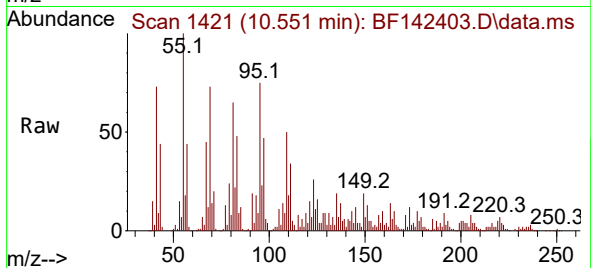




#65
4,6-Dinitro-2-methylphenol
Concen: 7.318 ng
RT: 10.551 min Scan# 1418
Delta R.T. 0.018 min
Lab File: BF142403.D
Acq: 15 May 2025 20:36

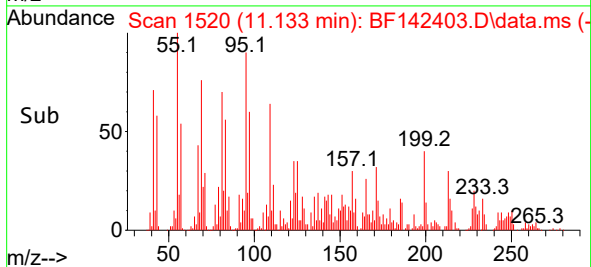
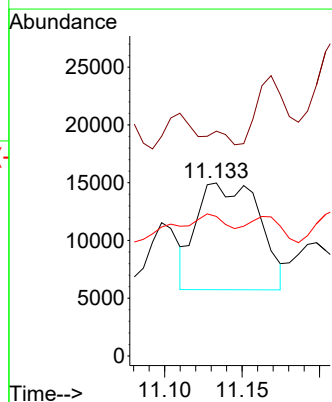
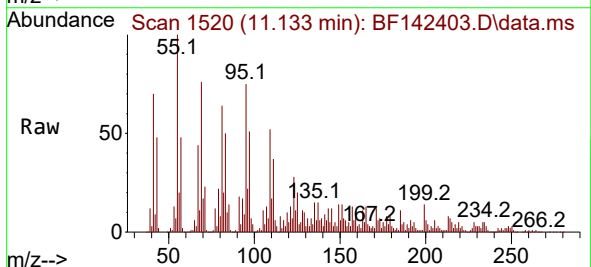
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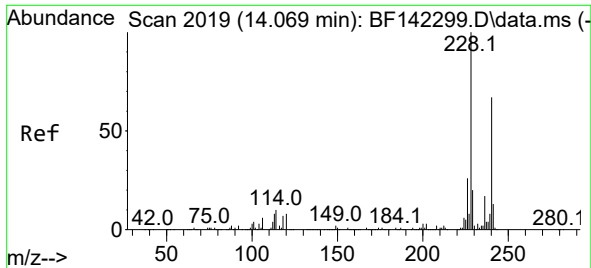
Tgt Ion:198 Resp: 279
Ion Ratio Lower Upper
198 100
51 1111.2 32.9 72.9#
105 4009.4 23.7 63.7#



#69
Atrazine
Concen: 7.748 ng
RT: 11.133 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF142403.D
Acq: 15 May 2025 20:36

Tgt Ion:200 Resp: 25968
Ion Ratio Lower Upper
200 100
173 130.0 8.1 48.1#
215 80.7 28.8 68.8#

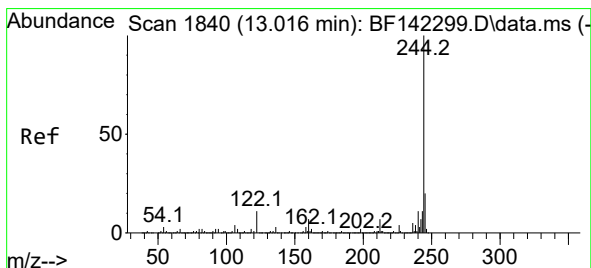
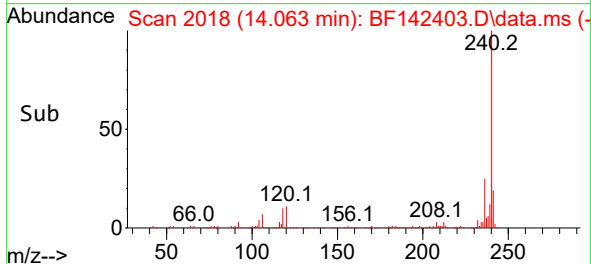
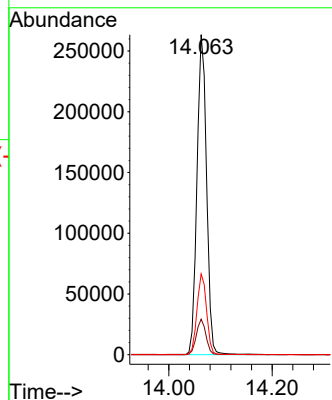
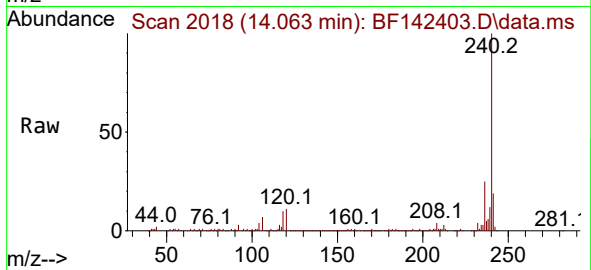




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142403.D
Acq: 15 May 2025 20:36

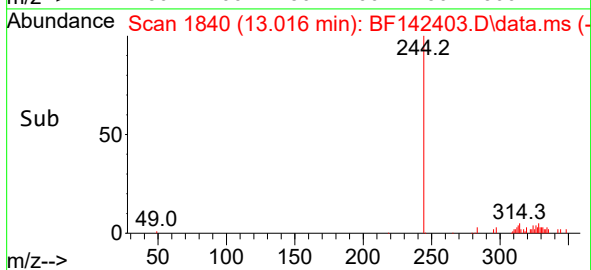
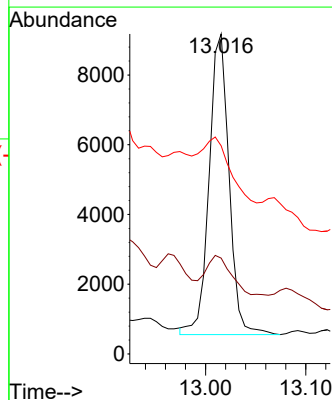
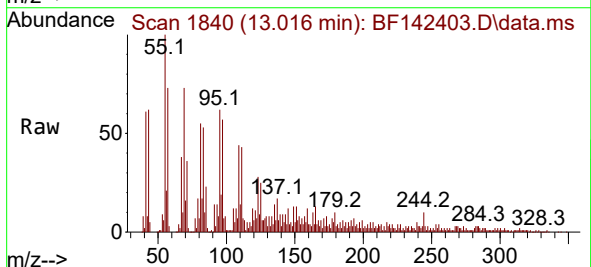
Instrument :
BNA_F
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MOO-25-0148

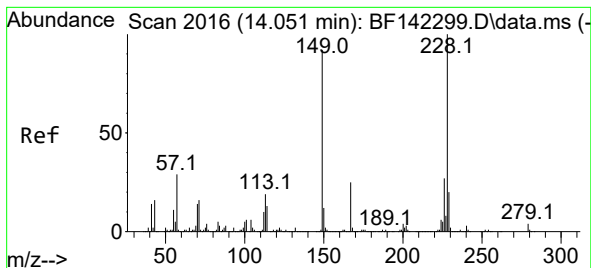
Tgt Ion:240 Resp: 339147
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 25.2 20.0 30.0



#79
Terphenyl-d14
Concen: 0.520 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF142403.D
Acq: 15 May 2025 20:36

Tgt Ion:244 Resp: 11924
Ion Ratio Lower Upper
244 100
212 29.9 5.4 8.2#
122 65.0 9.0 13.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.357 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142403.D

Acq: 15 May 2025 20:36

Instrument :

BNA_F

ClientSampleId :

MOO-25-0148

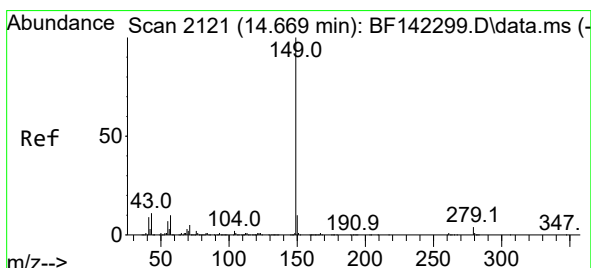
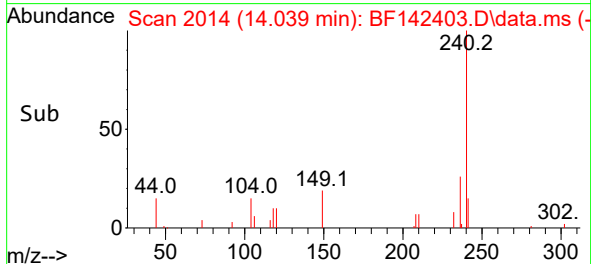
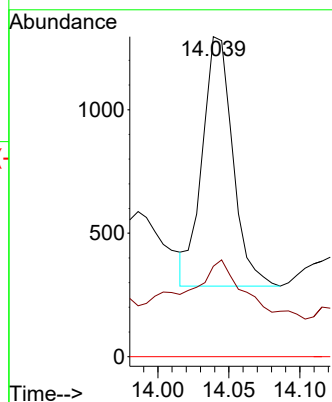
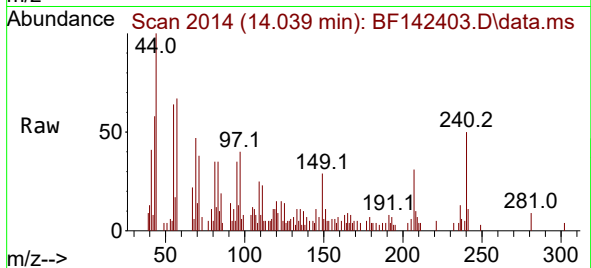
Tgt Ion:149 Resp: 1509

Ion Ratio Lower Upper

149 100

167 28.2 22.0 33.0

279 0.0 3.0 4.6#



#85

Di-n-octyl phthalate

Concen: 7.845 ng

RT: 14.686 min Scan# 2124

Delta R.T. 0.017 min

Lab File: BF142403.D

Acq: 15 May 2025 20:36

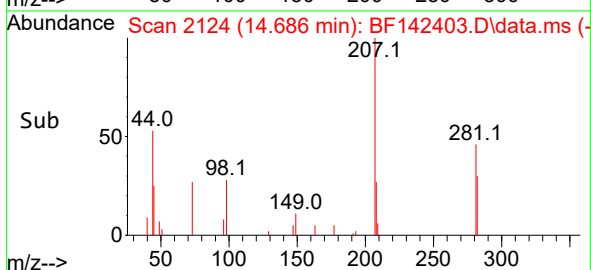
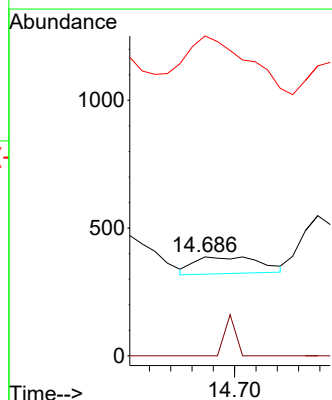
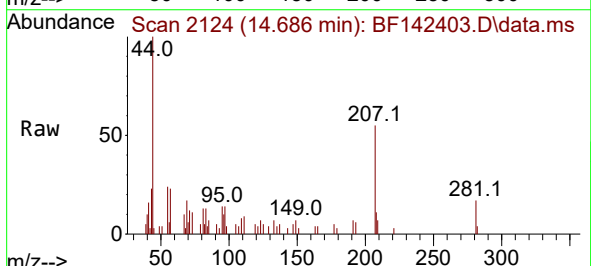
Tgt Ion:149 Resp: 141

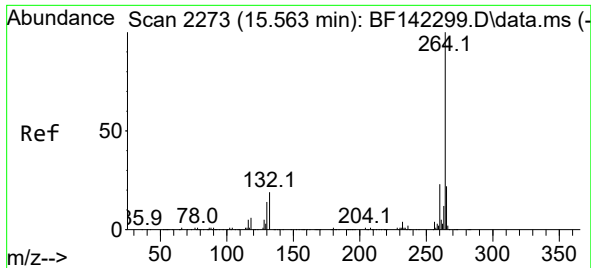
Ion Ratio Lower Upper

149 100

167 40.4 1.1 1.7#

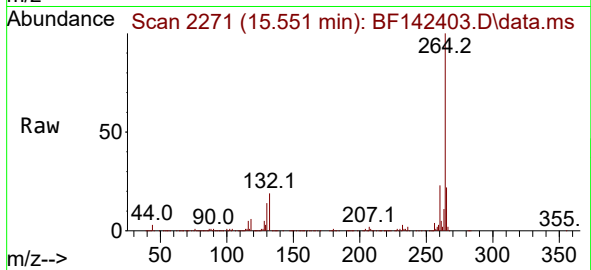
43 363.8 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142403.D
 Acq: 15 May 2025 20:36

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0148



Tgt Ion:264 Resp: 331757
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.6 17.5 26.3

