

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141376.D
 Acq On : 03 Feb 2025 18:38
 Operator : RC/JU
 Sample : Q1216-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-26.1-012825

Quant Time: Feb 04 00:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

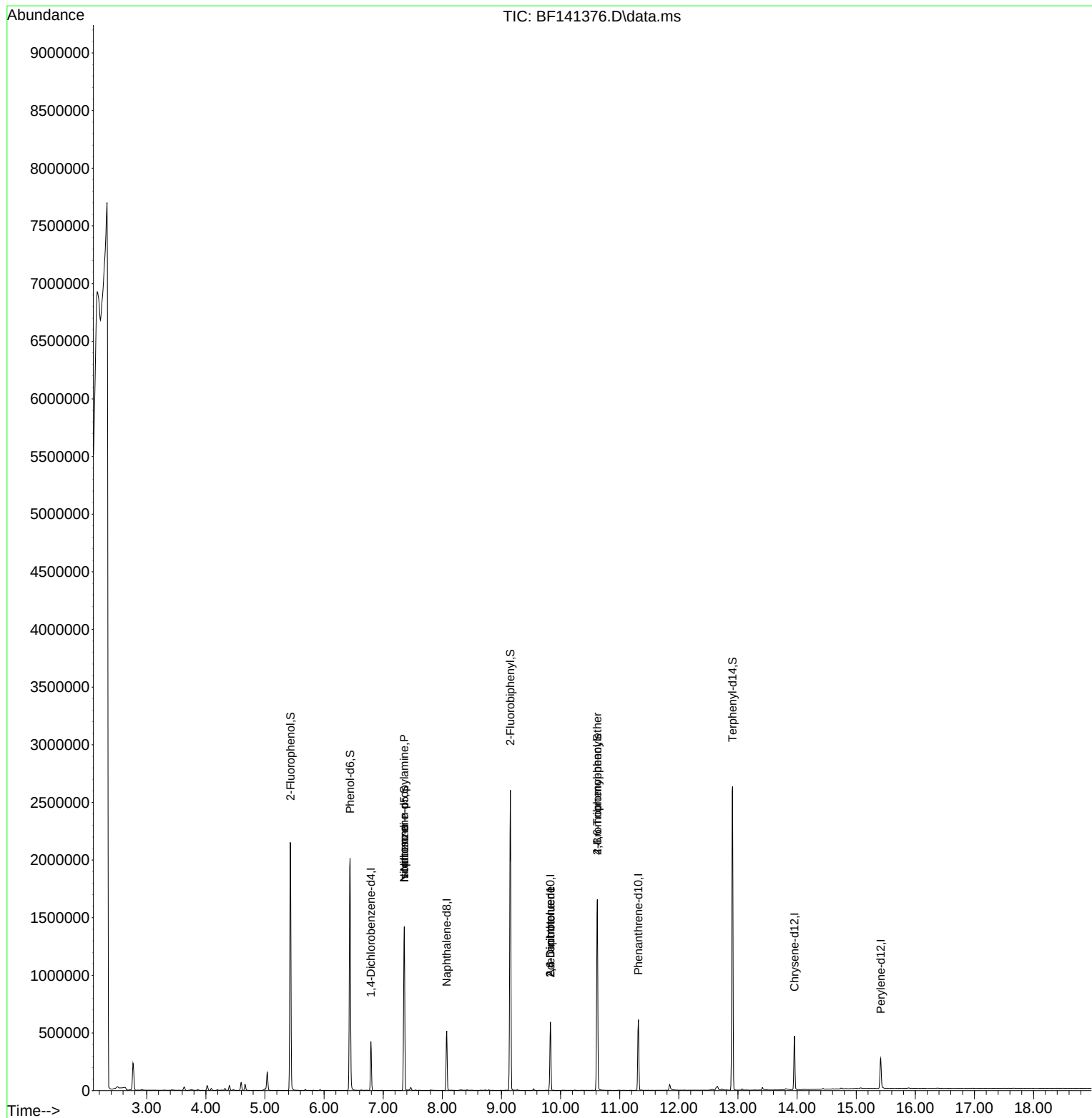
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	83924	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	324478	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	176814	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	304079	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	223365	20.000	ng	#-0.02
86) Perylene-d12	15.415	264	155322	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	803592	146.999	ng	0.02
7) Phenol-d6	6.439	99	939271	135.064	ng	0.00
23) Nitrobenzene-d5	7.357	82	641330	104.194	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	275411	169.904	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1188809	103.487	ng	-0.01
79) Terphenyl-d14	12.910	244	1376430	95.033	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	87317	21.131	ng	# 77
25) Isophorone	7.357	82	636684	59.840	ng	# 64
51) 2,6-Dinitrotoluene	9.828	165	22544	8.130	ng	# 24
57) 2,4-Dinitrotoluene	9.828	165	22544	6.280	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	18838	5.534	ng	# 1

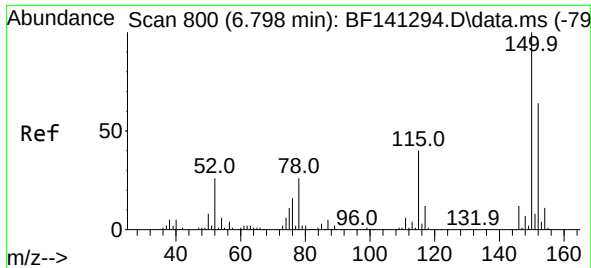
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
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JPP-26.1-012825

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

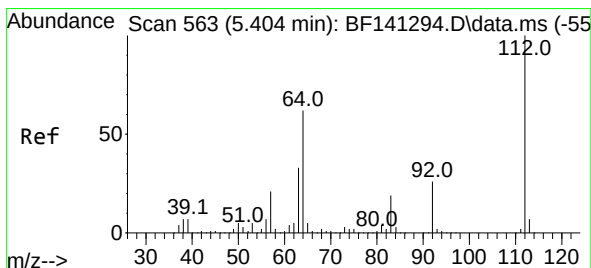
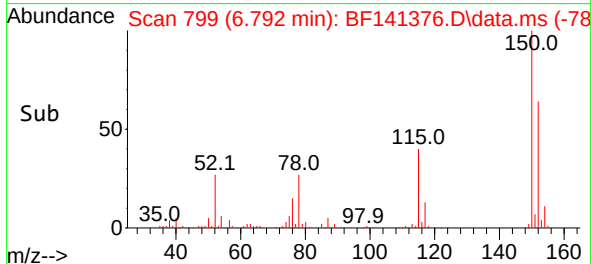
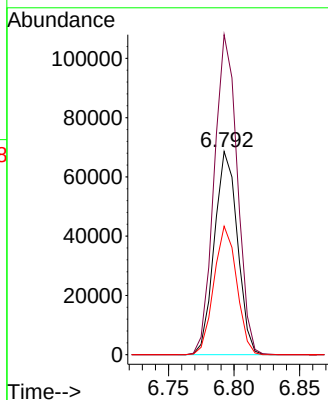
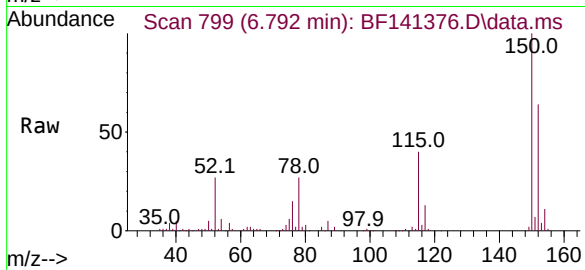




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF141376.D
 Acq: 03 Feb 2025 18:38

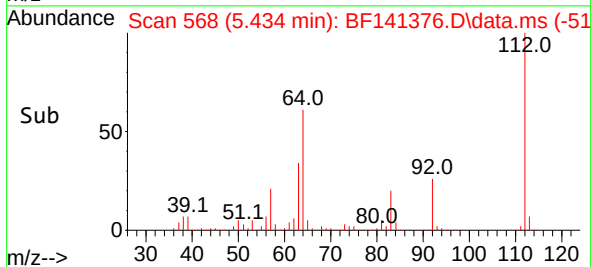
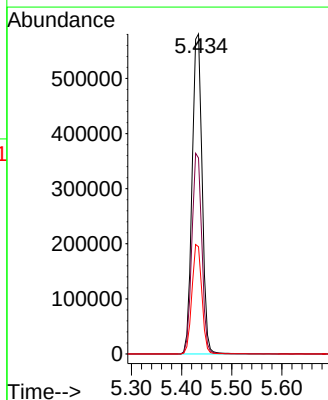
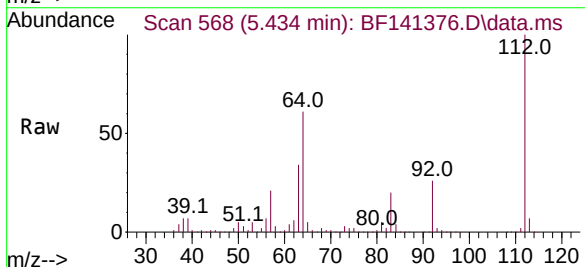
Instrument :
 BNA_F
 ClientSampleId :
 JPP-26.1-012825

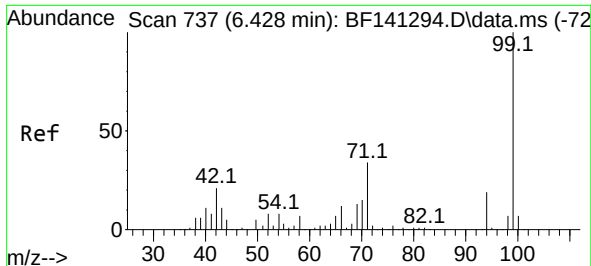
Tgt Ion:152 Resp: 83924
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.9 188.9
 115 63.2 49.7 74.5



#5
 2-Fluorophenol
 Concen: 146.999 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.023 min
 Lab File: BF141376.D
 Acq: 03 Feb 2025 18:38

Tgt Ion:112 Resp: 803592
 Ion Ratio Lower Upper
 112 100
 64 61.2 49.8 74.8
 63 33.5 26.1 39.1





#7

Phenol-d6

Concen: 135.064 ng

RT: 6.439 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141376.D

Acq: 03 Feb 2025 18:38

Instrument :

BNA_F

ClientSampleId :

JPP-26.1-012825

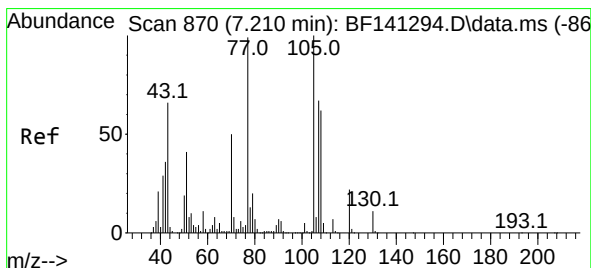
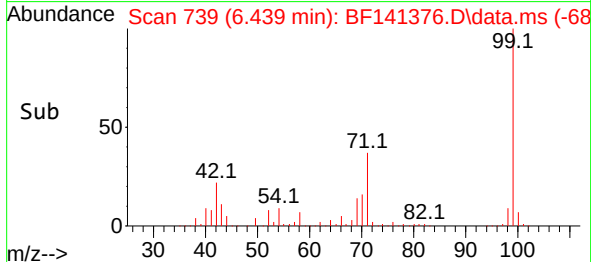
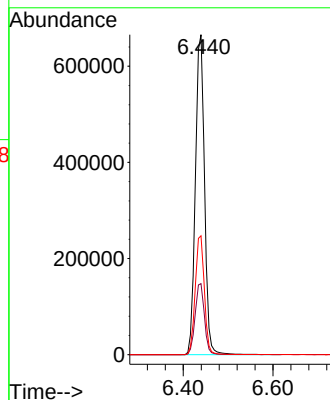
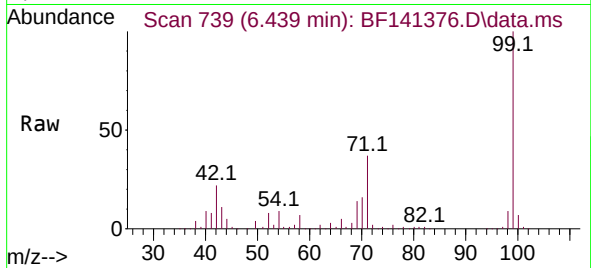
Tgt Ion: 99 Resp: 939271

Ion Ratio Lower Upper

99 100

42 22.2 17.1 25.7

71 37.2 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 21.131 ng

RT: 7.357 min Scan# 895

Delta R.T. 0.129 min

Lab File: BF141376.D

Acq: 03 Feb 2025 18:38

Tgt Ion: 70 Resp: 87317

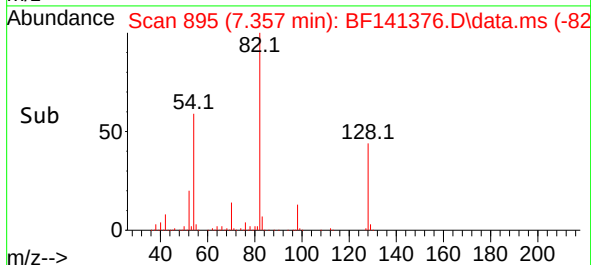
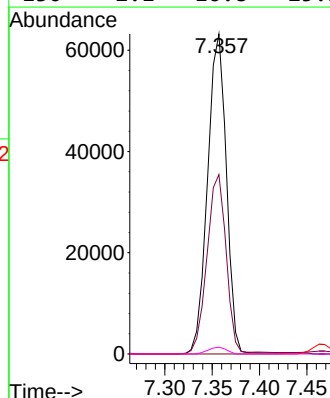
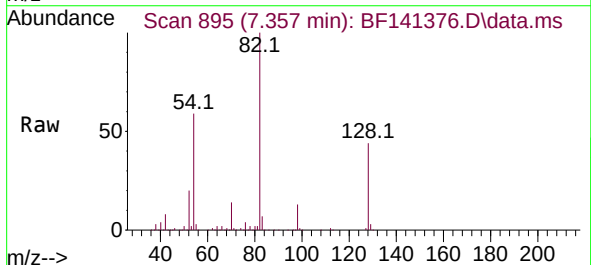
Ion Ratio Lower Upper

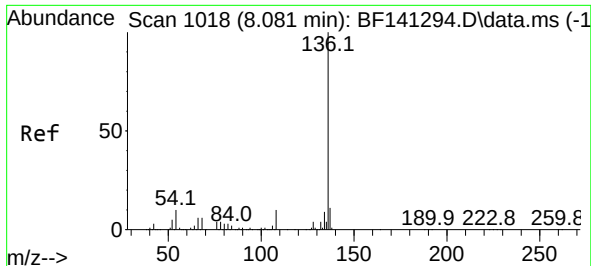
70 100

42 56.1 56.8 85.2#

101 0.0 7.7 11.5#

130 2.1 16.8 25.2#

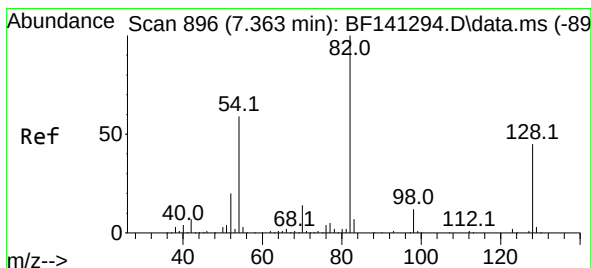
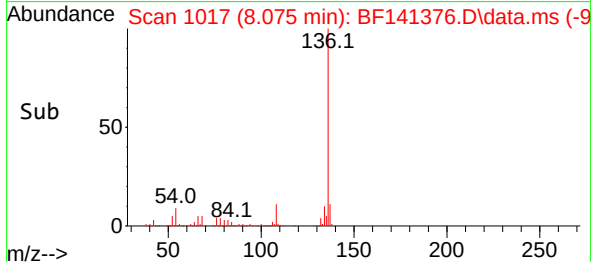
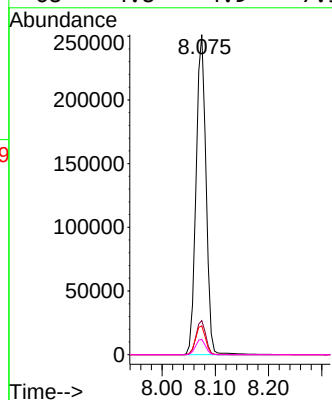
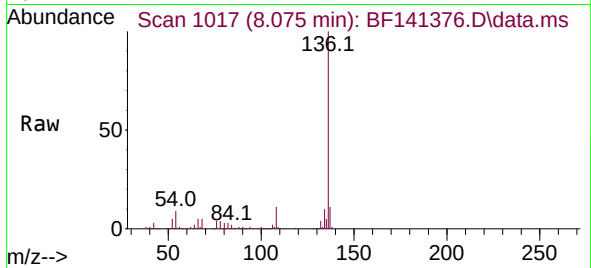




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

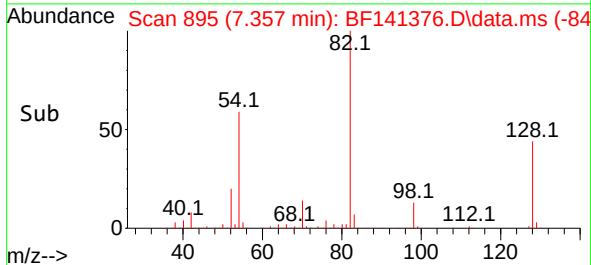
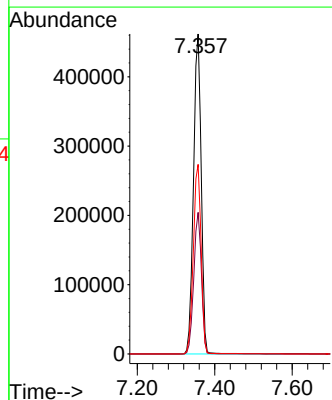
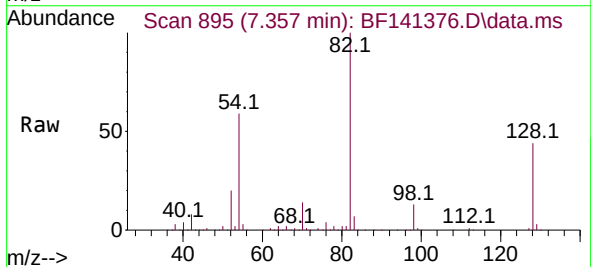
Instrument :
BNA_F
ClientSampleId :
JPP-26.1-012825

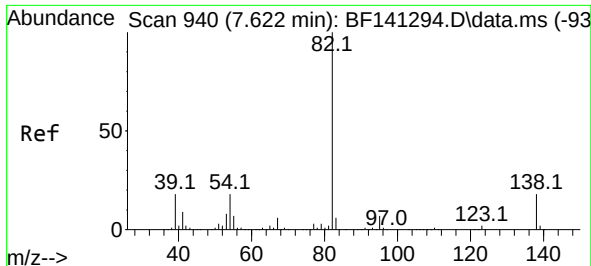
Tgt Ion:136 Resp: 324478
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 7.8 11.8
68 4.8 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 104.194 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

Tgt Ion: 82 Resp: 641330
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 59.3 47.1 70.7

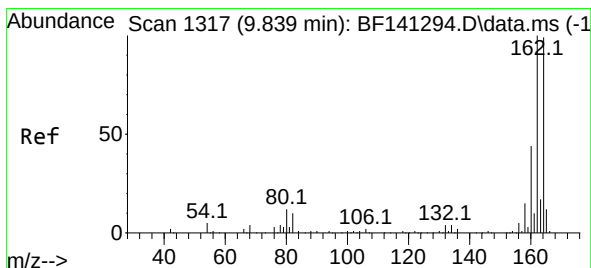
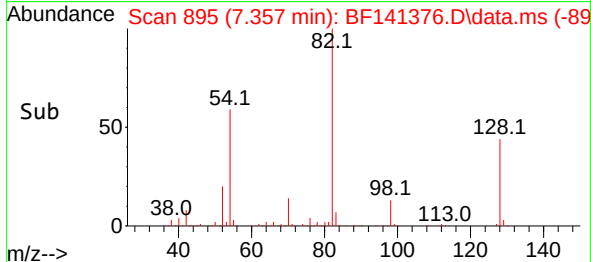
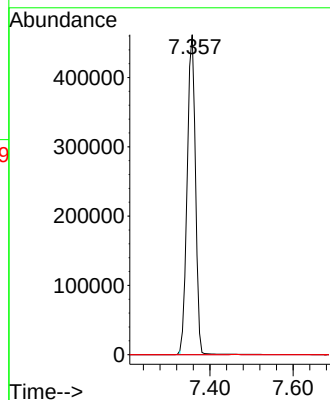
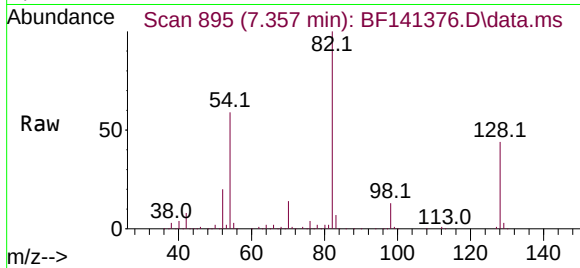




#25
Isophorone
Concen: 59.840 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

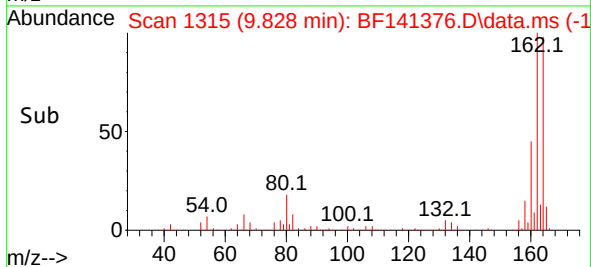
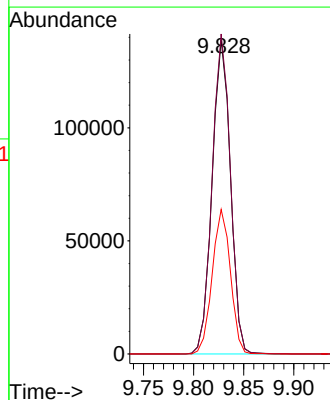
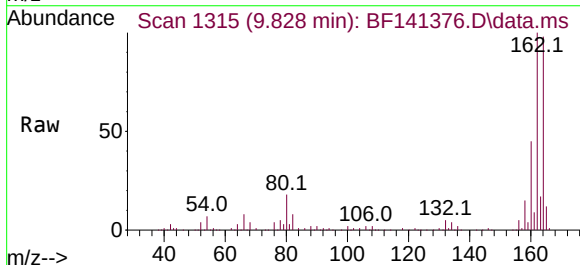
Instrument :
BNA_F
ClientSampleId :
JPP-26.1-012825

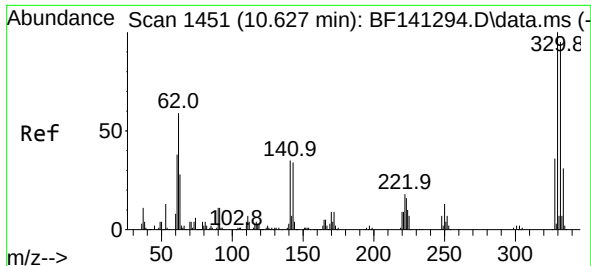
Tgt Ion: 82 Resp: 636684
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

Tgt Ion:164 Resp: 176814
Ion Ratio Lower Upper
164 100
162 101.9 80.6 121.0
160 46.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 169.904 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141376.D

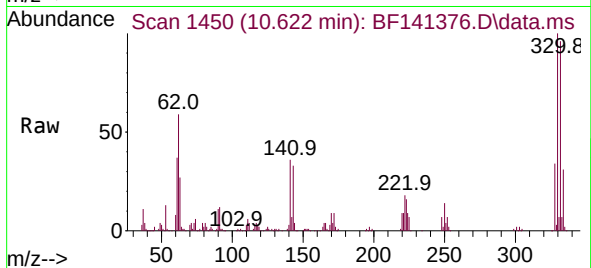
Acq: 03 Feb 2025 18:38

Instrument :

BNA_F

ClientSampleId :

JPP-26.1-012825



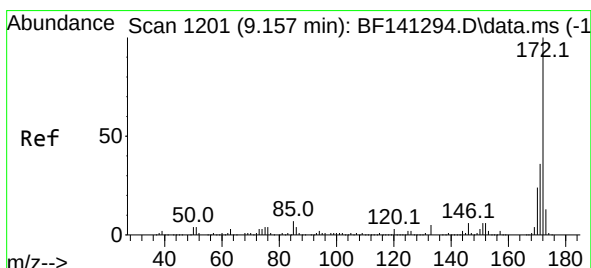
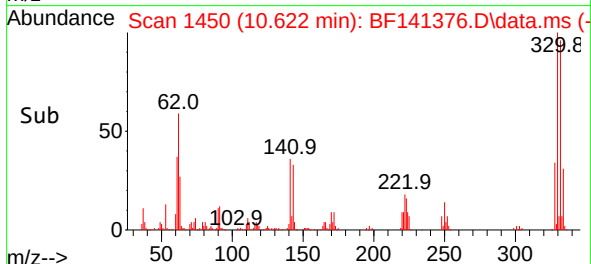
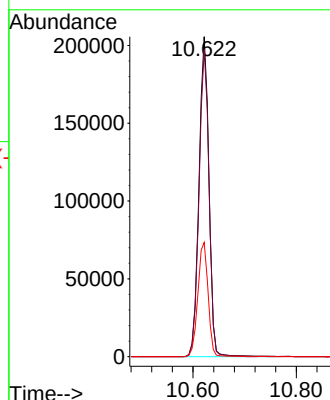
Tgt Ion:330 Resp: 275411

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

141 36.7 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 103.487 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141376.D

Acq: 03 Feb 2025 18:38

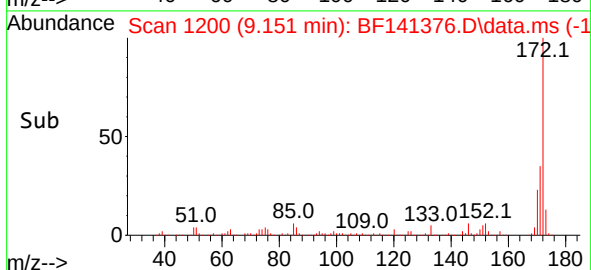
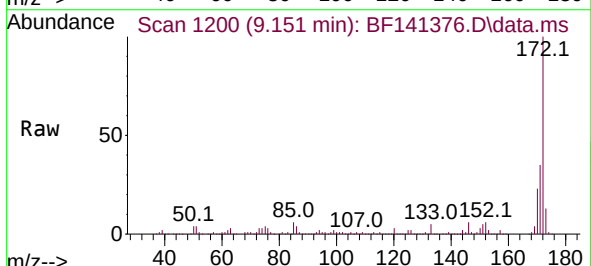
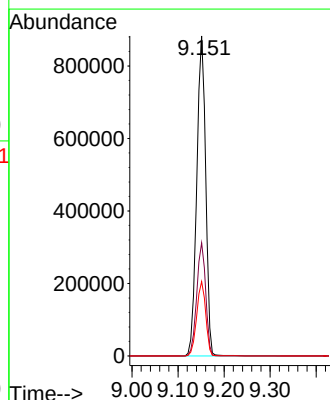
Tgt Ion:172 Resp: 1188809

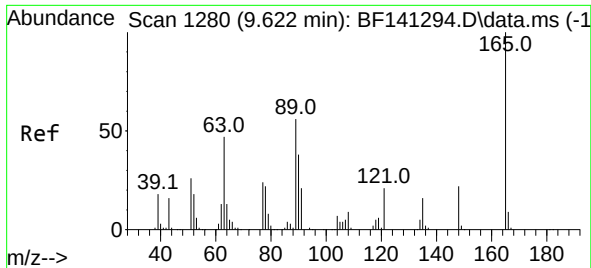
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.3 19.0 28.6

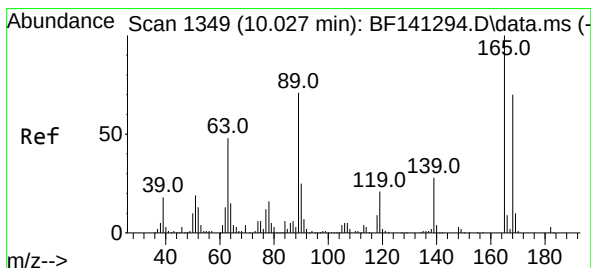
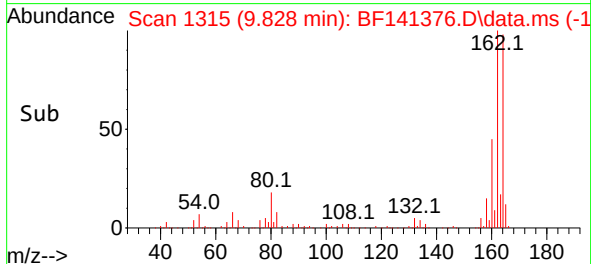
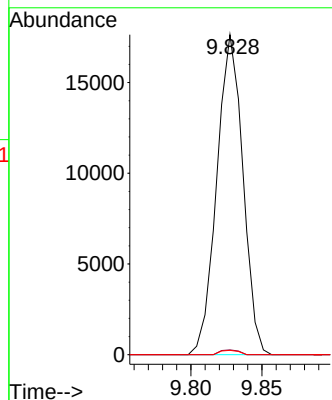
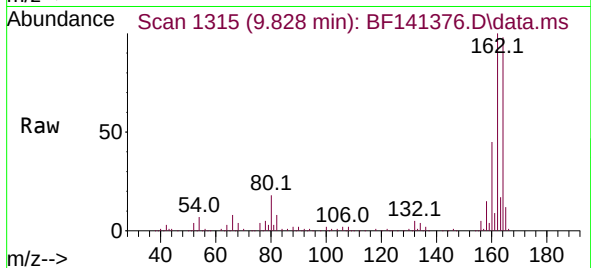




#51
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

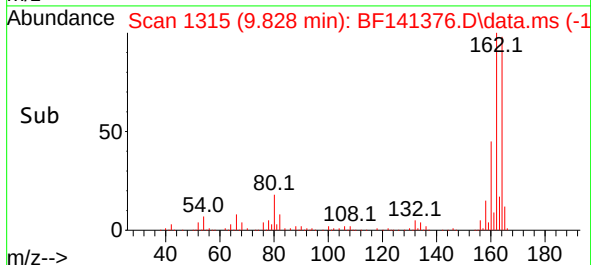
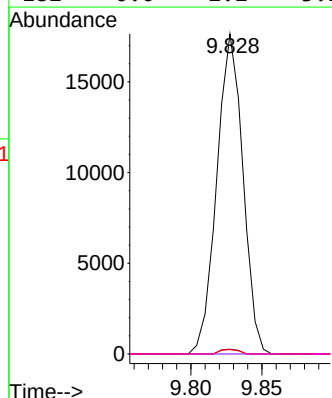
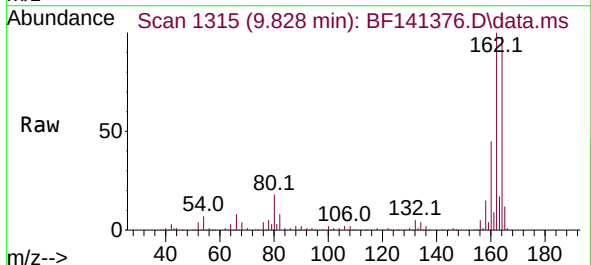
Instrument :
BNA_F
ClientSampleId :
JPP-26.1-012825

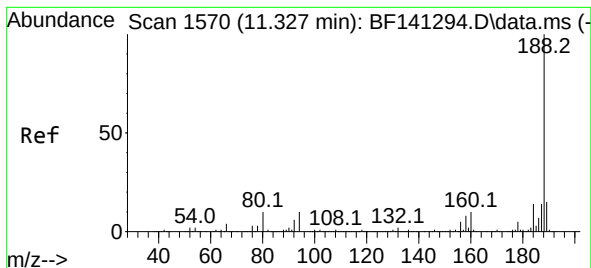
Tgt Ion:165 Resp: 22544
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 1.3 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.280 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

Tgt Ion:165 Resp: 22544
Ion Ratio Lower Upper
165 100
63 1.5 39.2 58.8#
89 1.3 56.9 85.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141376.D

Acq: 03 Feb 2025 18:38

Instrument :

BNA_F

ClientSampleId :

JPP-26.1-012825

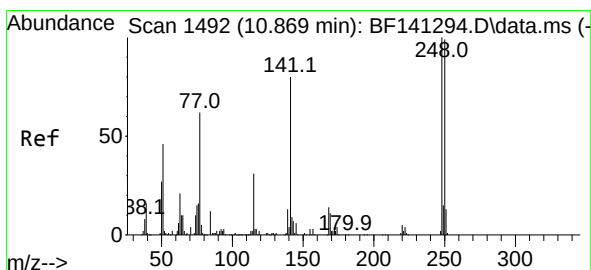
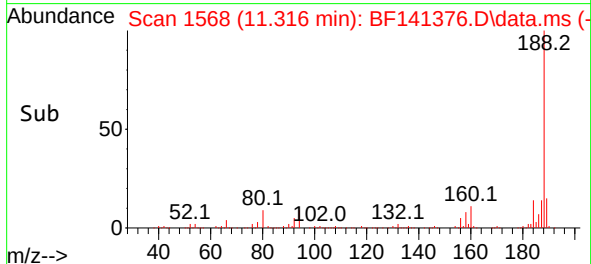
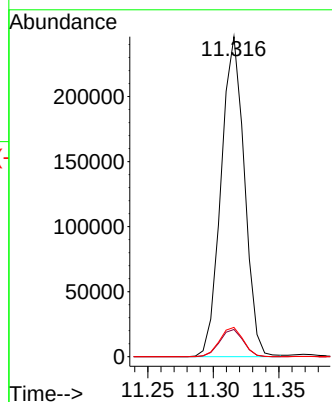
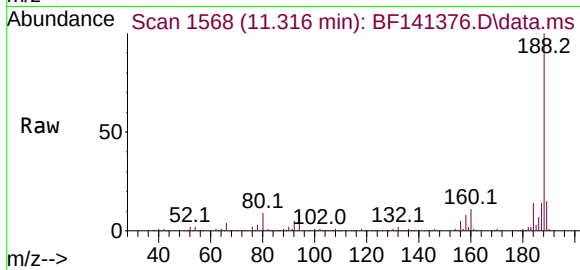
Tgt Ion:188 Resp: 304079

Ion Ratio Lower Upper

188 100

94 8.5 7.8 11.6

80 9.1 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 5.534 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF141376.D

Acq: 03 Feb 2025 18:38

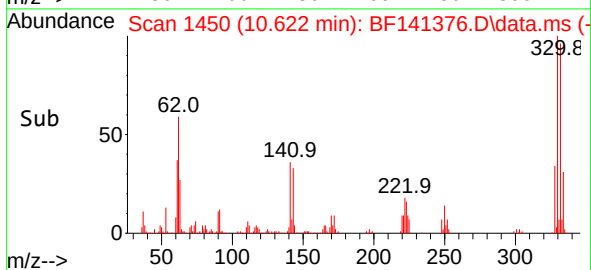
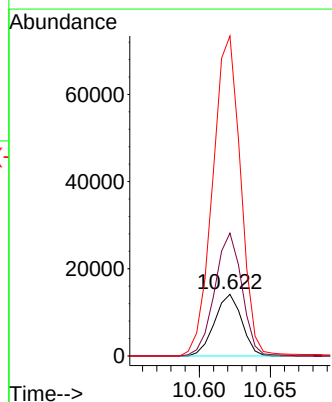
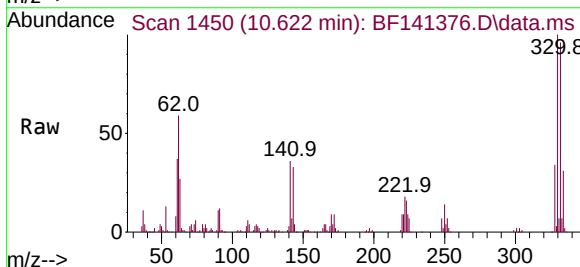
Tgt Ion:248 Resp: 18838

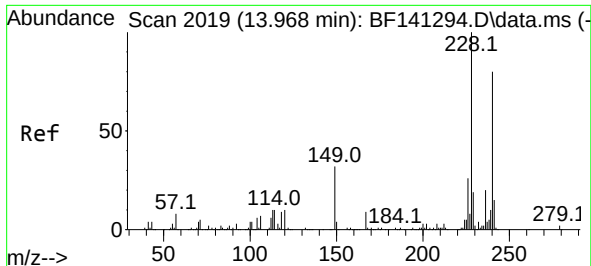
Ion Ratio Lower Upper

248 100

250 199.3 79.0 118.4#

141 519.0 63.7 95.5#

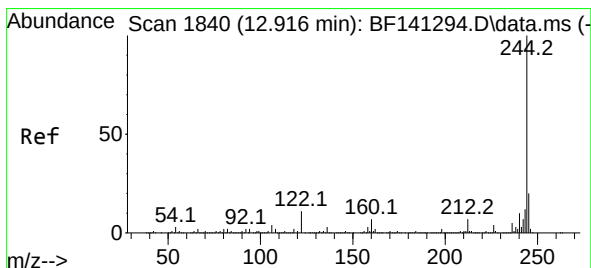
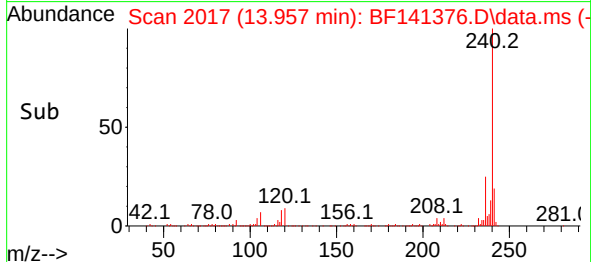
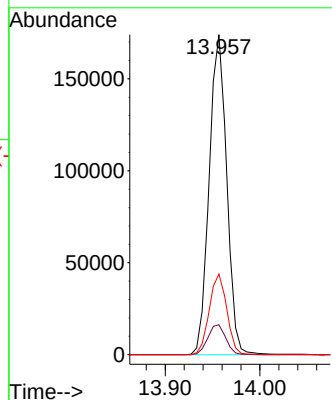
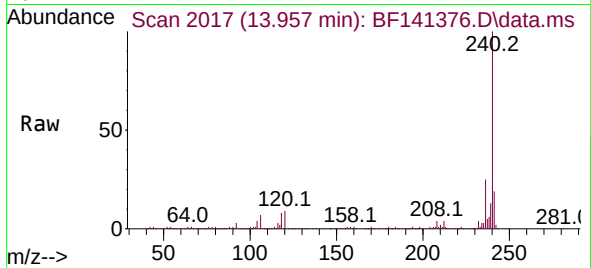




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

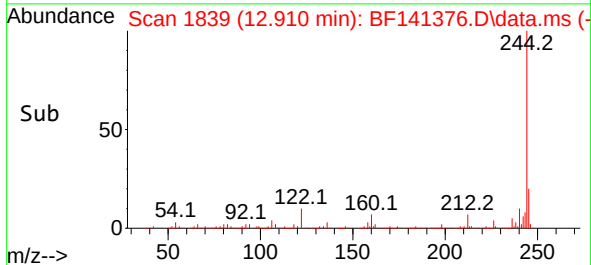
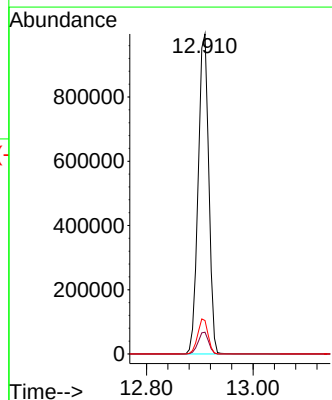
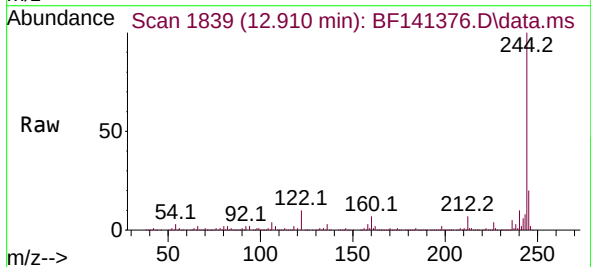
Instrument :
BNA_F
ClientSampleId :
JPP-26.1-012825

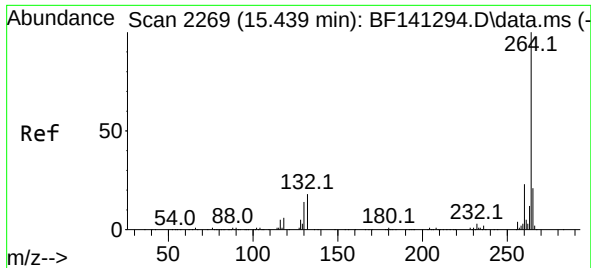
Tgt Ion:240 Resp: 223365
Ion Ratio Lower Upper
240 100
120 9.3 10.0 15.0#
236 25.2 19.7 29.5



#79
Terphenyl-d14
Concen: 95.033 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

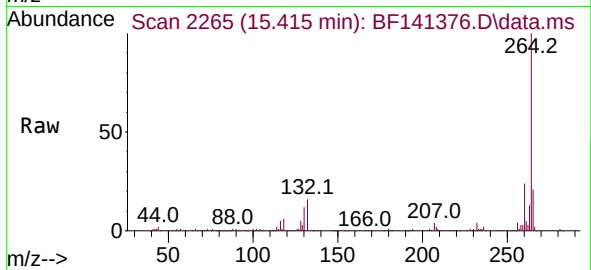
Tgt Ion:244 Resp: 1376430
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.5 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

Instrument :
BNA_F
ClientSampleId :
JPP-26.1-012825



Tgt Ion:264 Resp: 155322
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.4 16.7 25.1

