

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141202.D
 Acq On : 17 Jan 2025 19:26
 Operator : RC/JU
 Sample : Q1115-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-213

Quant Time: Jan 17 23:11:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

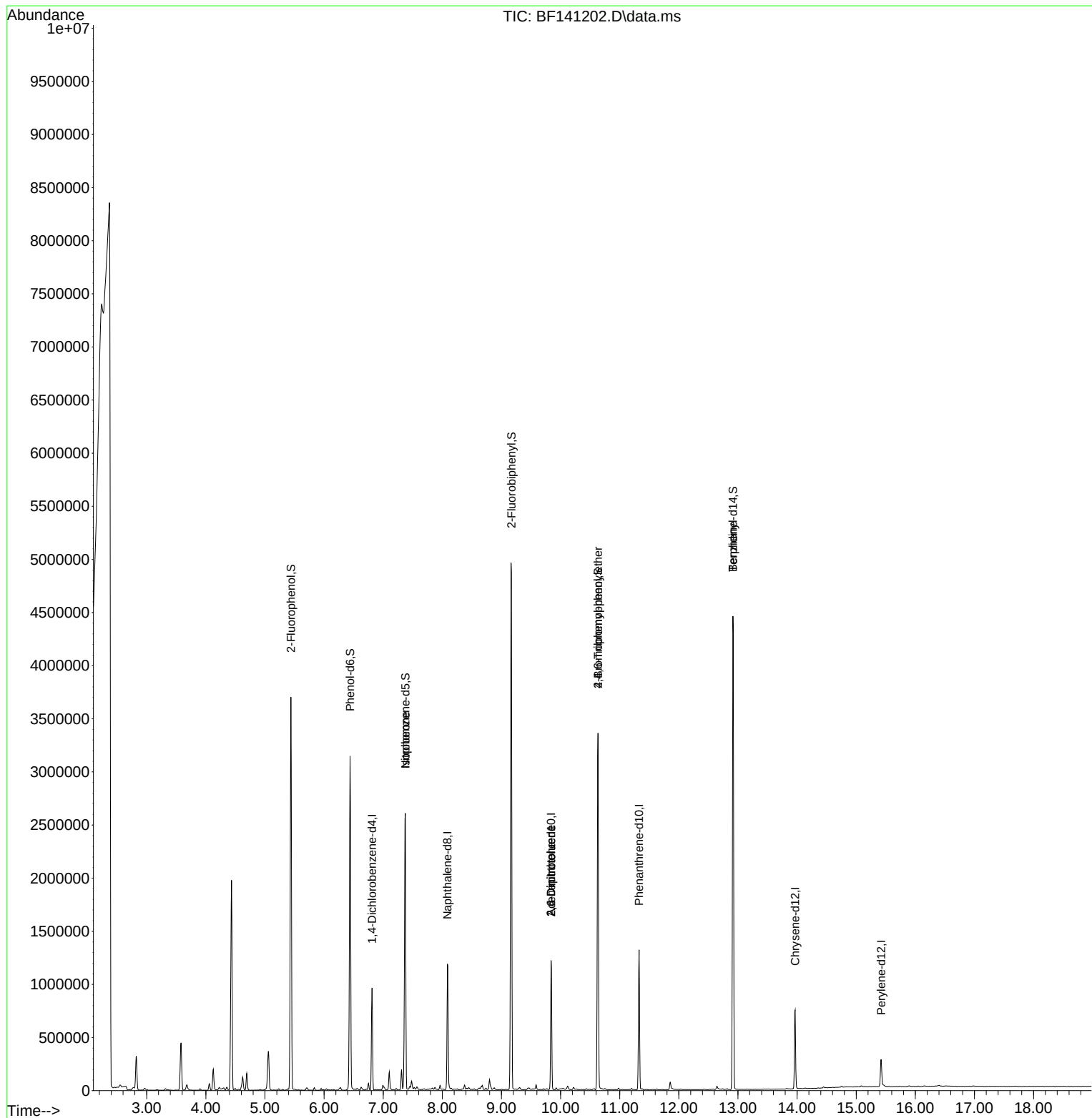
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	194974	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	773923	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	337549	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	645304	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	352535	20.000	ng	-0.02
86) Perylene-d12	15.421	264	106273	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1488650	117.947	ng	0.01
7) Phenol-d6	6.439	99	1478717	92.492	ng	0.00
23) Nitrobenzene-d5	7.375	82	1308261	89.607	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	670750	174.395	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	2359394	106.737	ng	-0.01
79) Terphenyl-d14	12.915	244	2269337	95.676	ng	-0.02
Target Compounds						
						Qvalue
25) Isophorone	7.375	82	1306214	52.352	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	44452	8.435	ng	# 28
57) 2,4-Dinitrotoluene	9.839	165	44452	6.545	ng	# 25
67) 4-Bromophenyl-phenylether	10.633	248	40313	5.426	ng	# 1
77) Benzidine	12.915	184	28223	4.317	ng	# 92

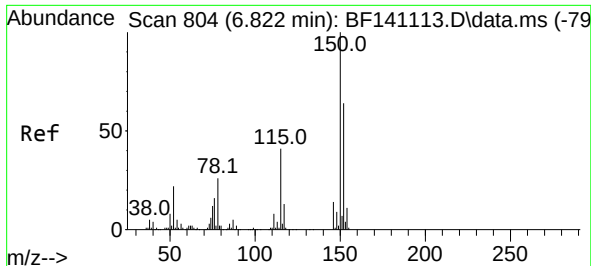
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

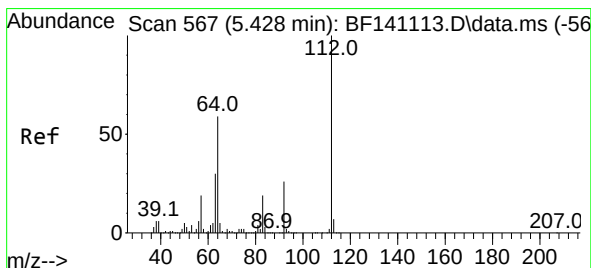
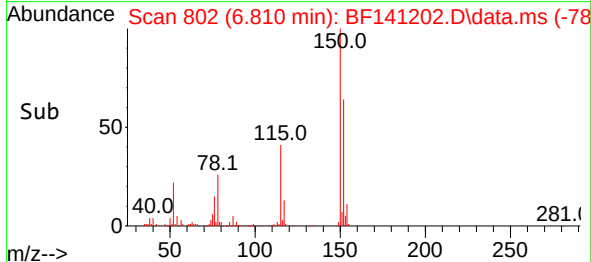
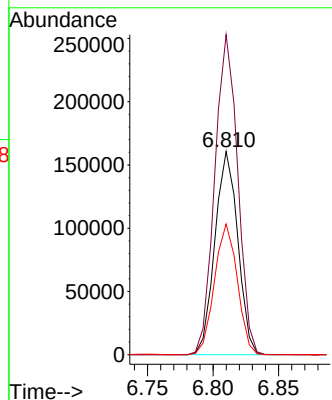
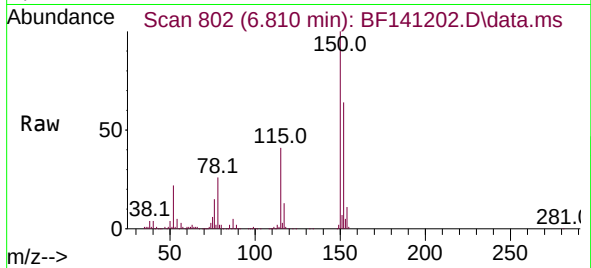




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

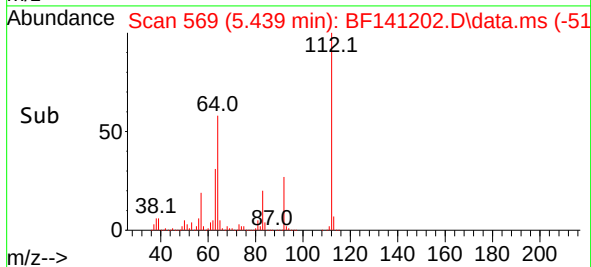
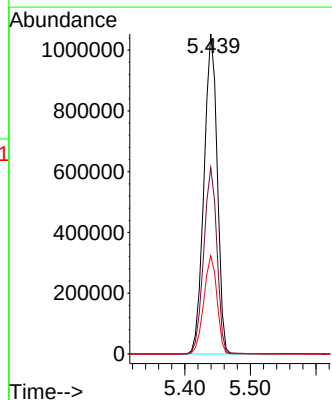
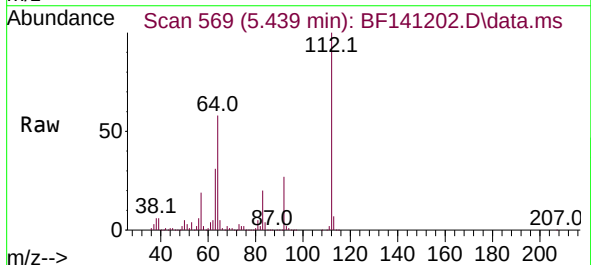
Instrument :
BNA_F
ClientSampleId :
VNJ-213

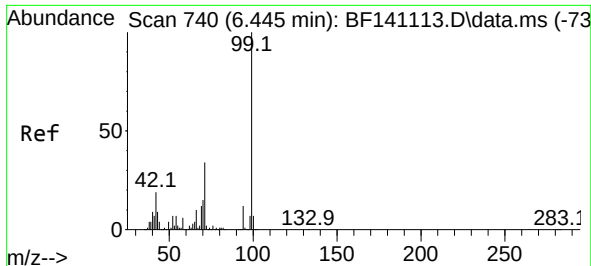
Tgt Ion:152 Resp: 194974
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.8
115 64.3 51.4 77.2



#5
2-Fluorophenol
Concen: 117.947 ng
RT: 5.439 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

Tgt Ion:112 Resp: 1488650
Ion Ratio Lower Upper
112 100
64 58.2 47.3 70.9
63 30.7 24.2 36.2

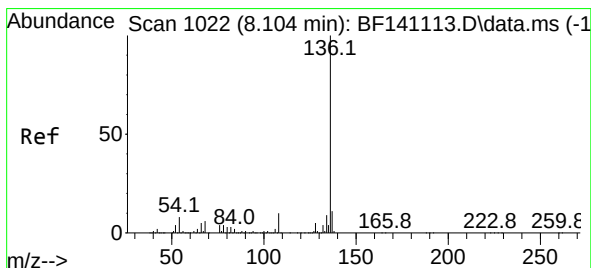
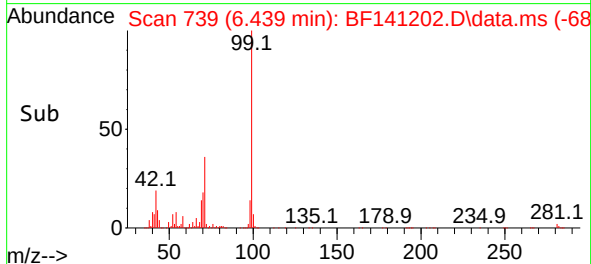
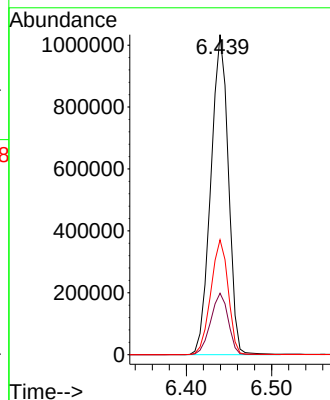
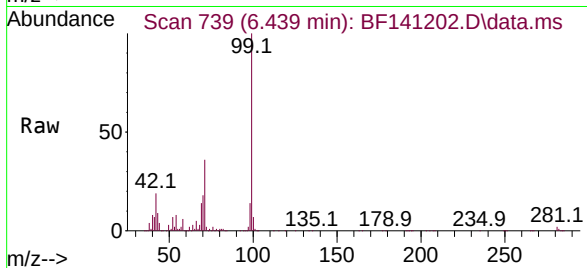




#7
Phenol-d6
Concen: 92.492 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

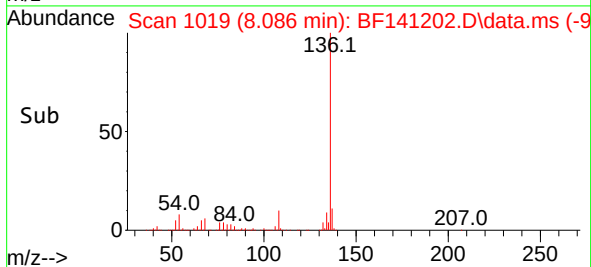
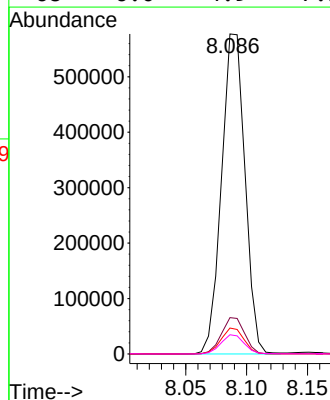
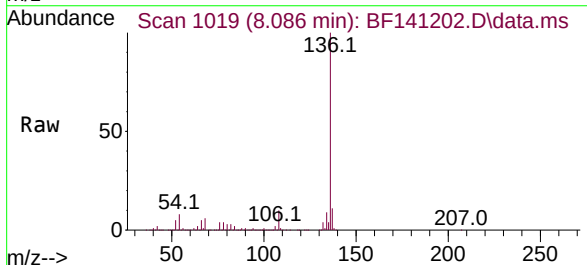
Instrument :
BNA_F
ClientSampleId :
VNJ-213

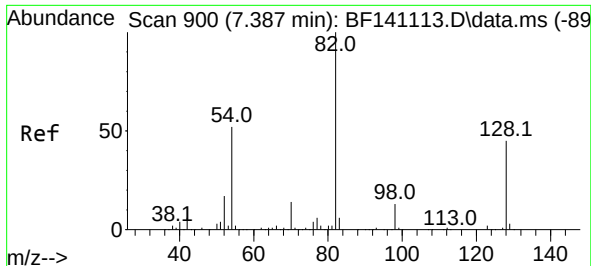
Tgt Ion: 99 Resp: 1478717
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 35.9 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

Tgt Ion:136 Resp: 773923
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.1 6.3 9.5
68 6.0 4.9 7.3

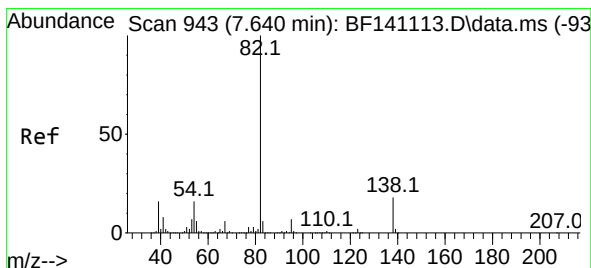
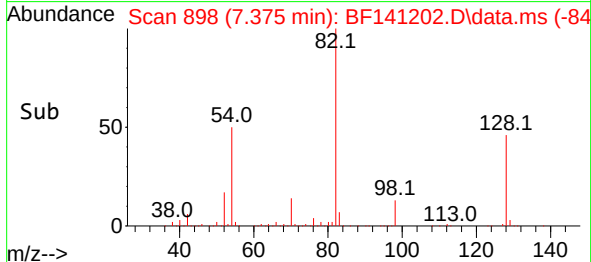
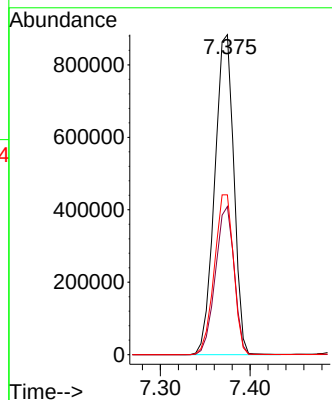
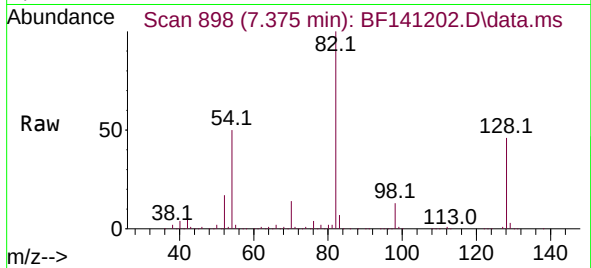




#23
Nitrobenzene-d5
Concen: 89.607 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

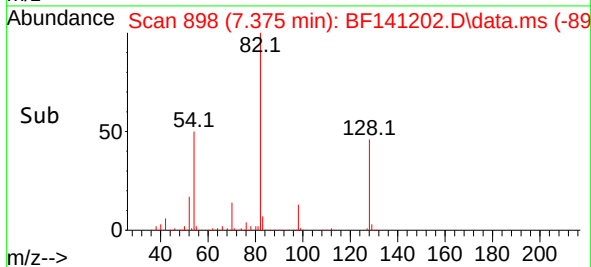
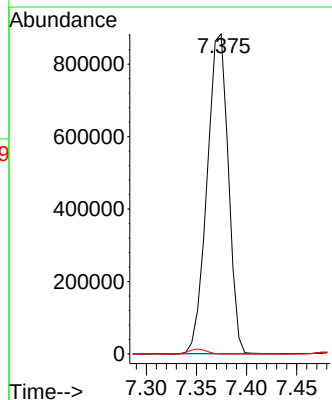
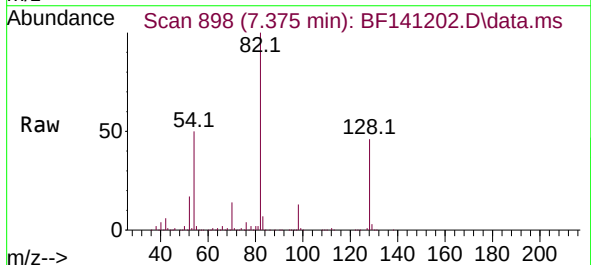
Instrument :
BNA_F
ClientSampleId :
VNJ-213

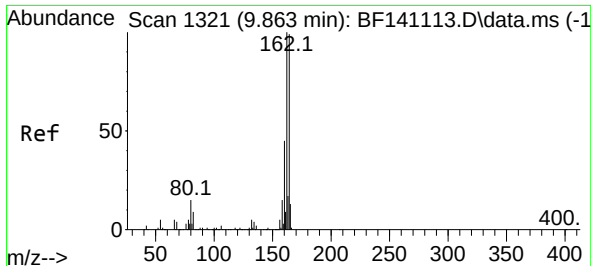
Tgt Ion: 82 Resp: 1308261
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 50.0 41.0 61.4



#25
Isophorone
Concen: 52.352 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

Tgt Ion: 82 Resp: 1306214
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#

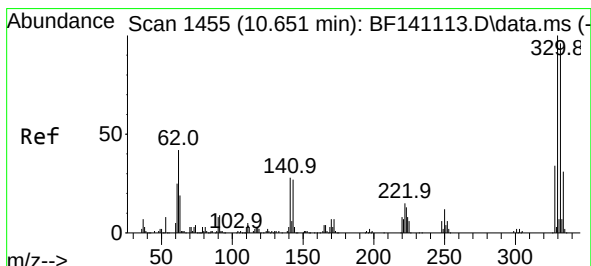
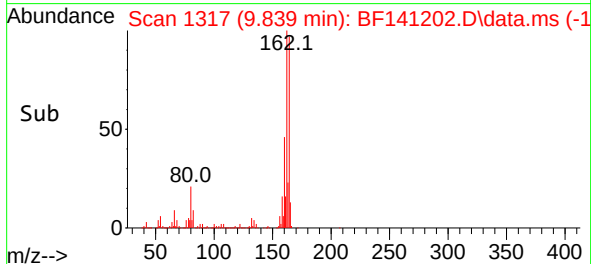
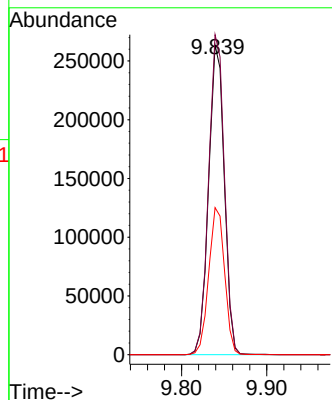
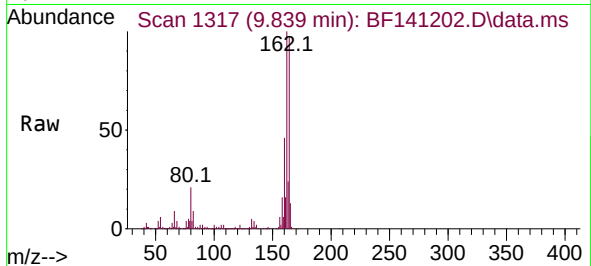




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

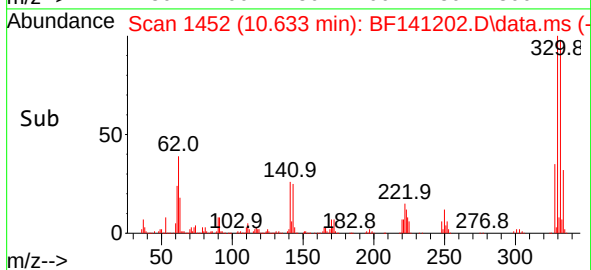
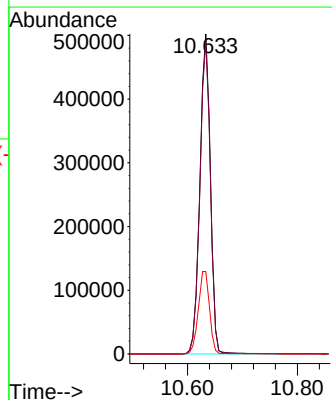
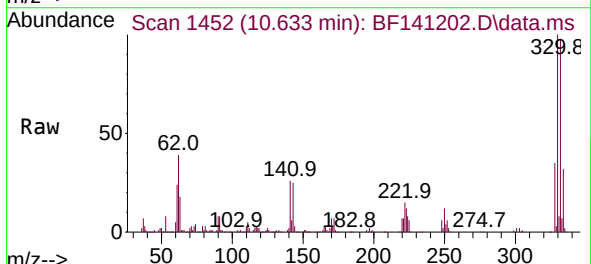
Instrument :
BNA_F
ClientSampleId :
VNJ-213

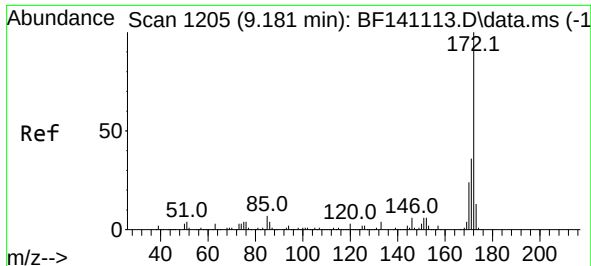
Tgt Ion:164 Resp: 337549
Ion Ratio Lower Upper
164 100
162 103.4 81.0 121.4
160 47.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 174.395 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

Tgt Ion:330 Resp: 670750
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 27.5 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 106.737 ng

RT: 9.169 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF141202.D

Acq: 17 Jan 2025 19:26

Instrument :

BNA_F

ClientSampleId :

VNJ-213

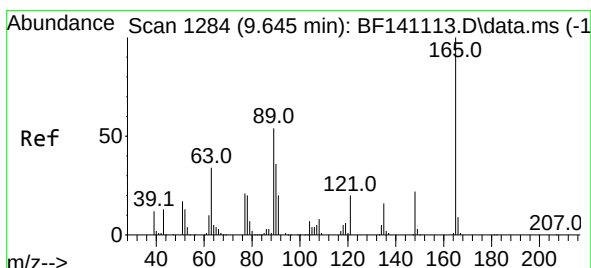
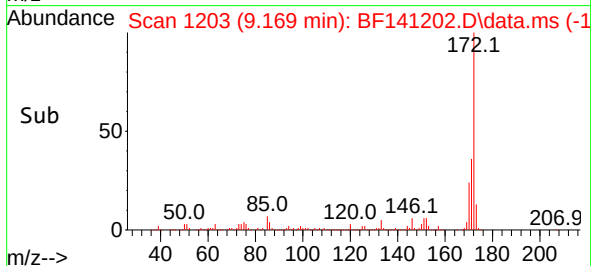
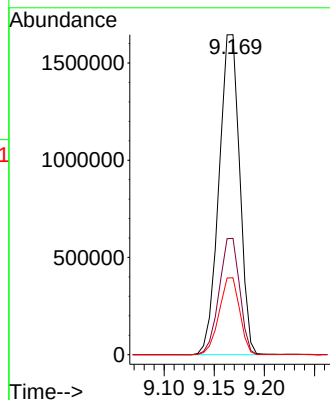
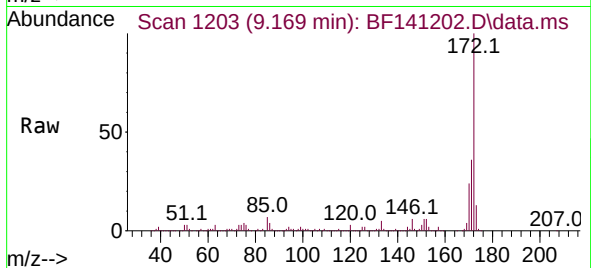
Tgt Ion:172 Resp: 2359394

Ion Ratio Lower Upper

172 100

171 36.3 28.7 43.1

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.435 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.194 min

Lab File: BF141202.D

Acq: 17 Jan 2025 19:26

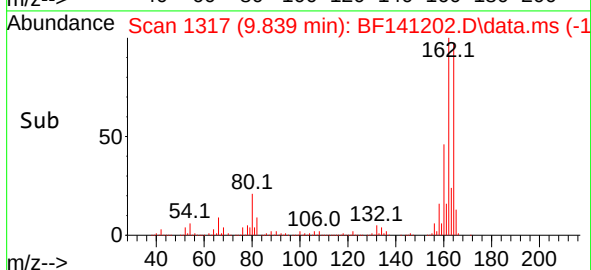
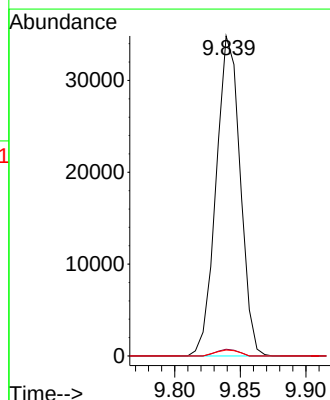
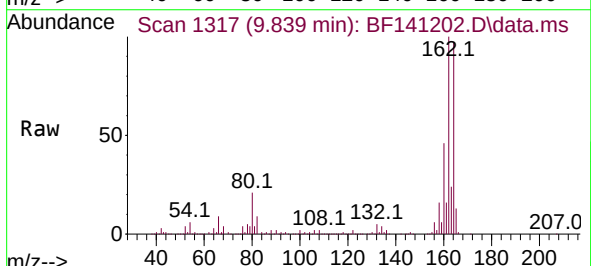
Tgt Ion:165 Resp: 44452

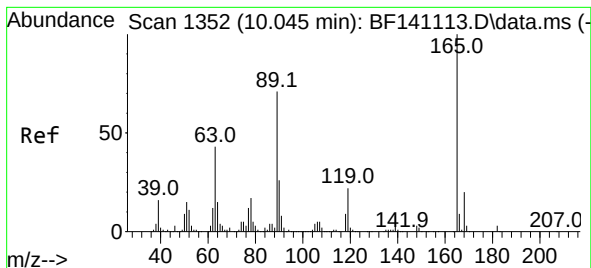
Ion Ratio Lower Upper

165 100

63 2.1 42.3 63.5#

89 1.9 43.1 64.7#

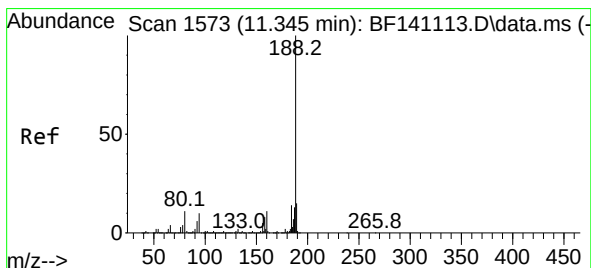
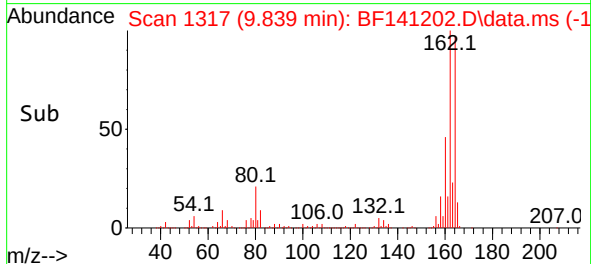
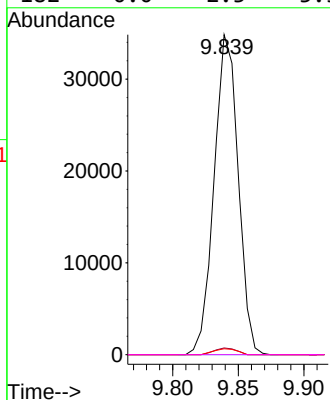
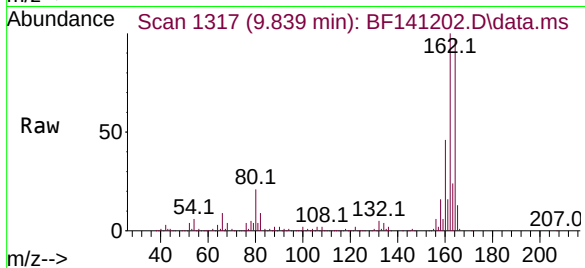




#57
2,4-Dinitrotoluene
Concen: 6.545 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

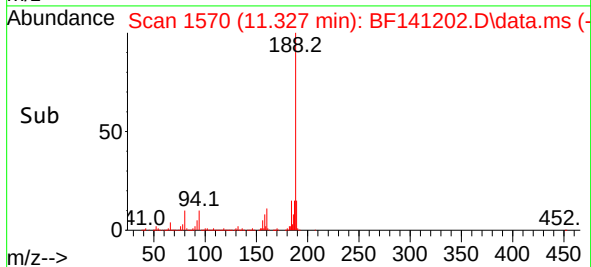
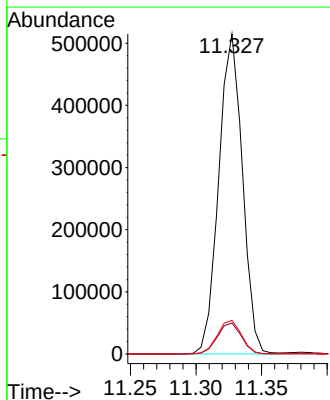
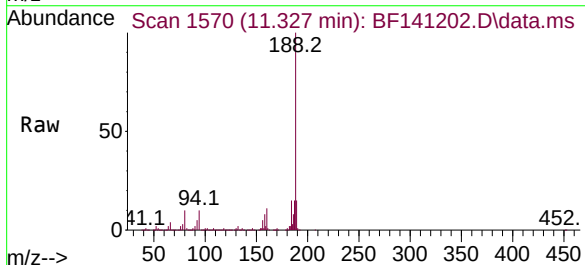
Instrument :
BNA_F
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VNJ-213

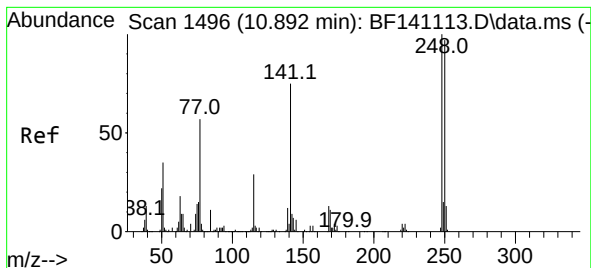
Tgt Ion:165 Resp: 44452
Ion Ratio Lower Upper
165 100
63 2.1 35.0 52.4#
89 1.9 56.7 85.1#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.018 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

Tgt Ion:188 Resp: 645304
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.5 9.0 13.4

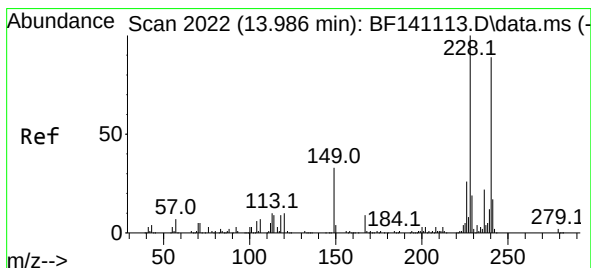
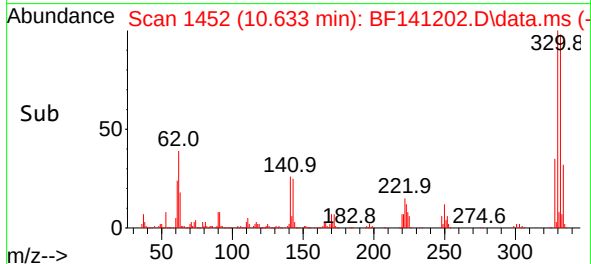
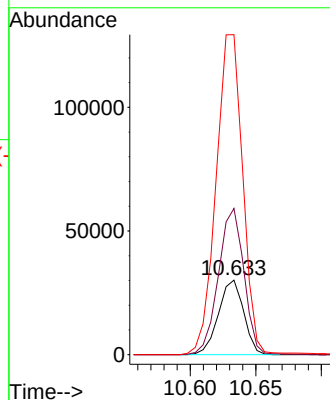
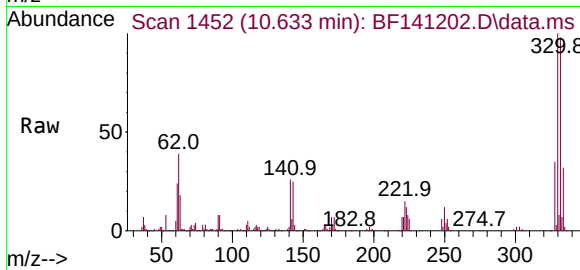




#67
4-Bromophenyl-phenylether
Concen: 5.426 ng
RT: 10.633 min Scan# 1496
Delta R.T. -0.259 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

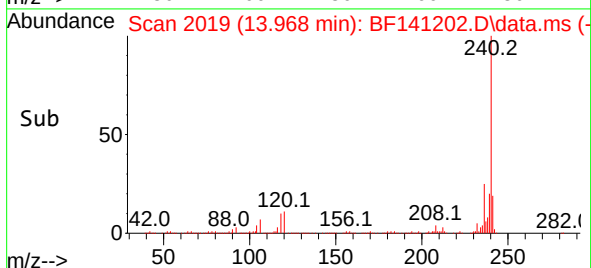
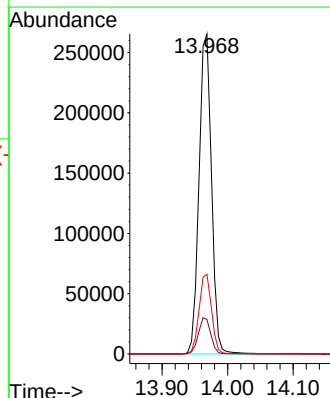
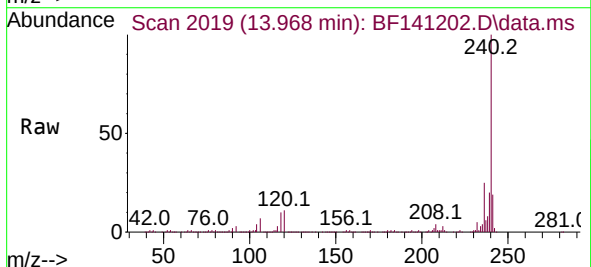
Instrument :
BNA_F
ClientSampleId :
VNJ-213

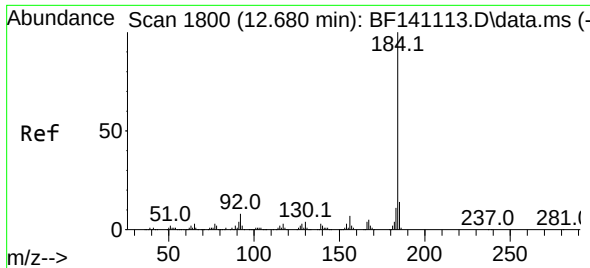
Tgt Ion:248 Resp: 40313
Ion Ratio Lower Upper
248 100
250 196.2 77.9 116.9#
141 429.1 59.9 89.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

Tgt Ion:240 Resp: 352535
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.0 19.8 29.6

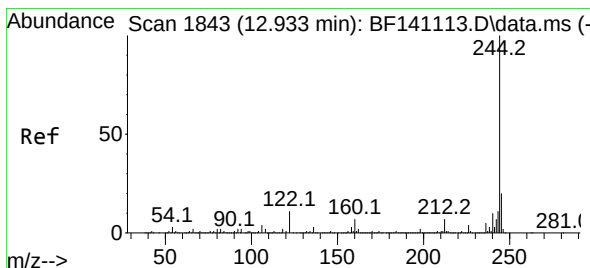
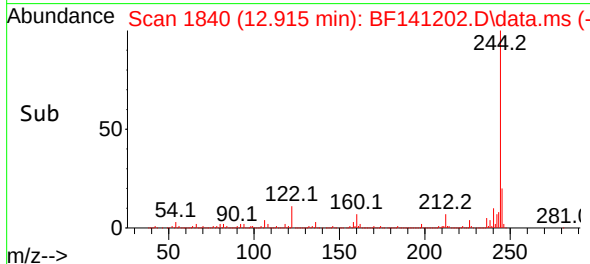
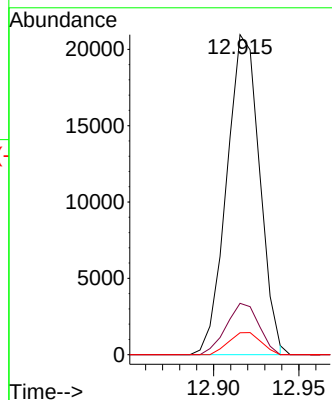
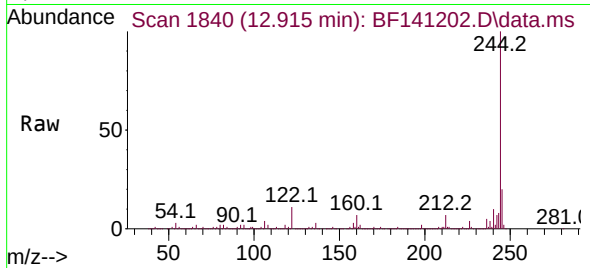




#77
Benzidine
Concen: 4.317 ng
RT: 12.915 min Scan# 1840
Delta R.T. 0.235 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

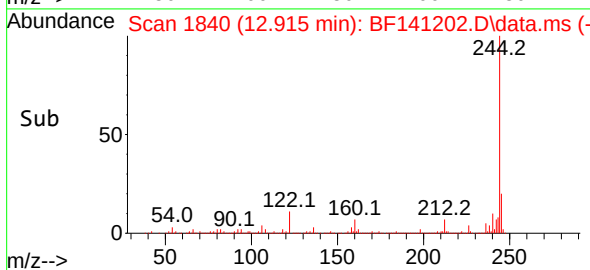
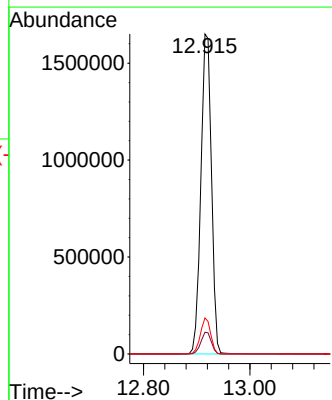
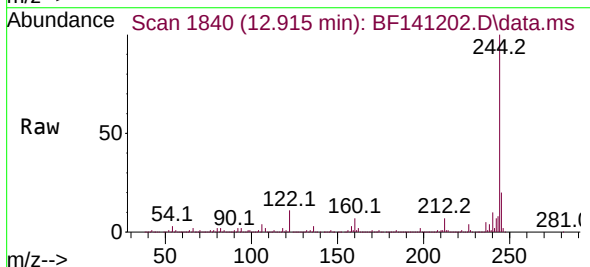
Instrument :
BNA_F
ClientSampleId :
VNJ-213

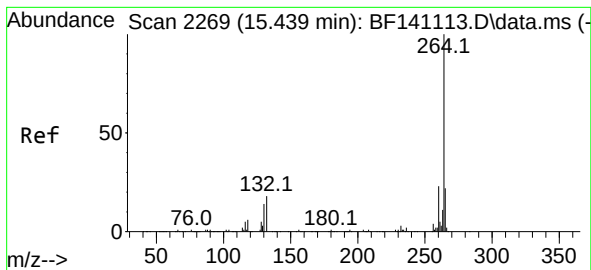
Tgt Ion:184 Resp: 28223
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.0
183 6.9 9.2 13.8#



#79
Terphenyl-d14
Concen: 95.676 ng
RT: 12.915 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

Tgt Ion:244 Resp: 2269337
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.2 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141202.D

Acq: 17 Jan 2025 19:26

Instrument :

BNA_F

ClientSampleId :

VNJ-213

Tgt Ion:264 Resp: 106273

Ion Ratio Lower Upper

264 100

260 29.7 18.6 28.0#

265 20.4 17.4 26.0

