

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141332.D
 Acq On : 31 Jan 2025 15:13
 Operator : RC/JU
 Sample : Q1205-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

Quant Time: Jan 31 15:50:51 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)

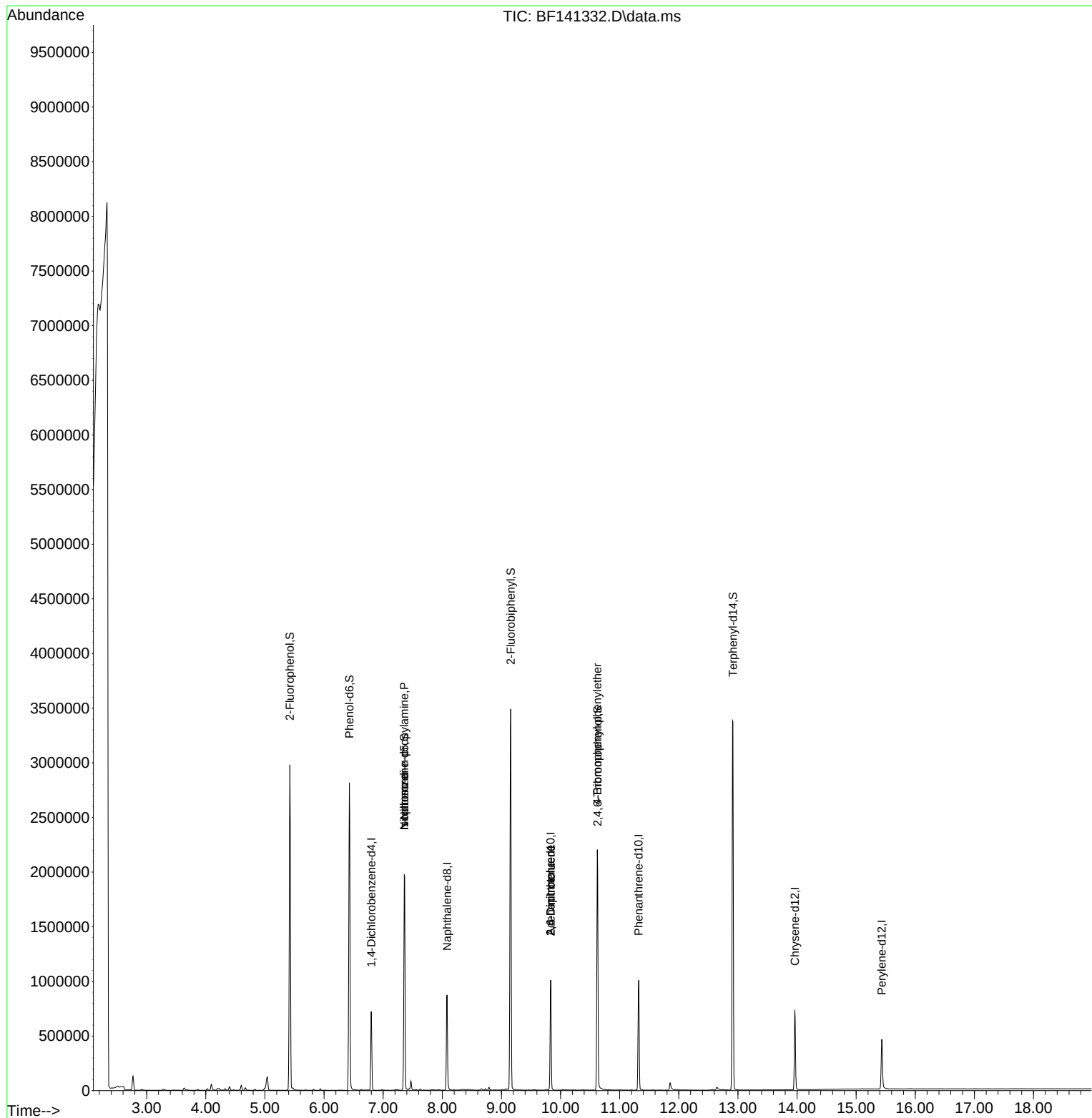
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	142133	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	566130	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	299733	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	505188	20.000	ng	0.00
76) Chrysene-d12	13.963	240	358702	20.000	ng	-0.01
86) Perylene-d12	15.433	264	273365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1138184	122.937	ng	0.01
7) Phenol-d6	6.428	99	1379087	117.093	ng	-0.01
23) Nitrobenzene-d5	7.357	82	922777	85.926	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	378355	137.691	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1637990	84.114	ng	0.00
79) Terphenyl-d14	12.916	244	1781768	76.604	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	123845	17.696	ng	# 75
25) Isophorone	7.357	82	911265	49.089	ng	# 65
51) 2,6-Dinitrotoluene	9.834	165	38696	8.233	ng	# 23
57) 2,4-Dinitrotoluene	9.834	165	38696	6.359	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	26315	4.653	ng	# 1

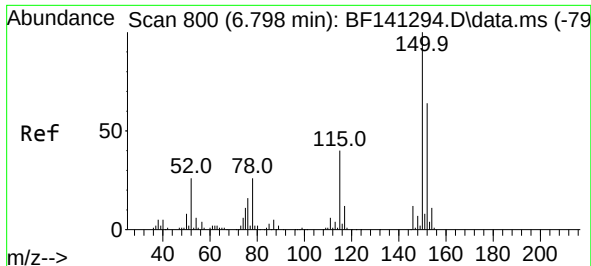
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141332.D
Acq On : 31 Jan 2025 15:13
Operator : RC/JU
Sample : Q1205-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-236

Quant Time: Jan 31 15:50:51 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

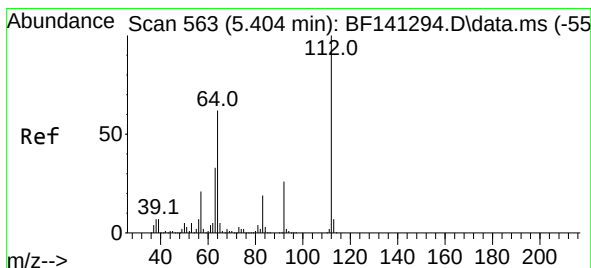
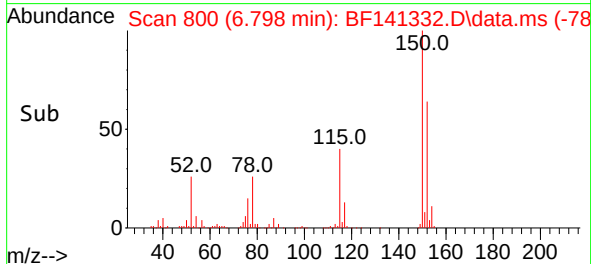
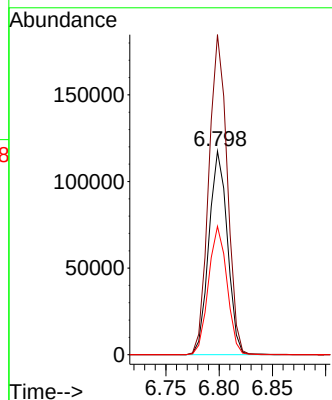
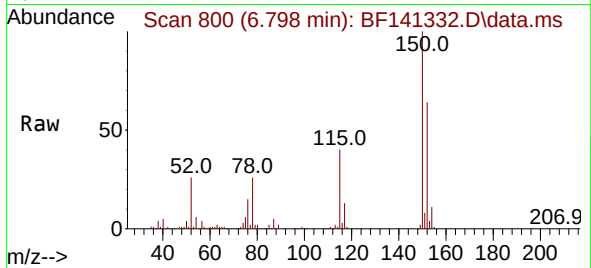




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

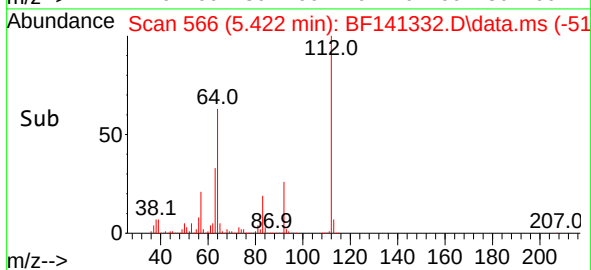
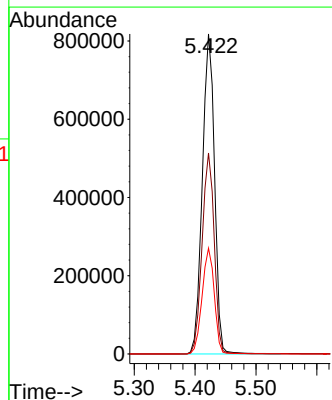
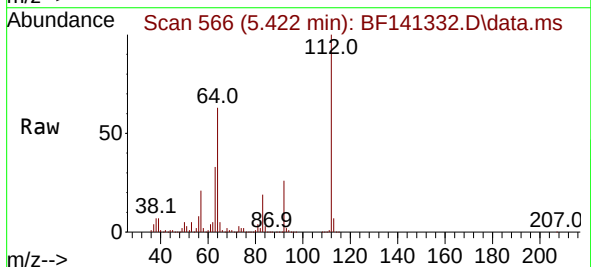
Instrument :
BNA_F
ClientSampleId :
VNJ-236

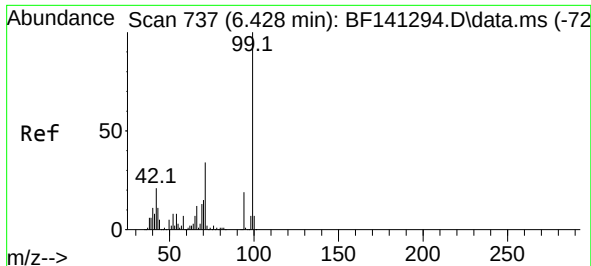
Tgt Ion:152 Resp: 142133
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 63.1 49.7 74.5



#5
2-Fluorophenol
Concen: 122.937 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

Tgt Ion:112 Resp: 1138184
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 33.0 26.1 39.1

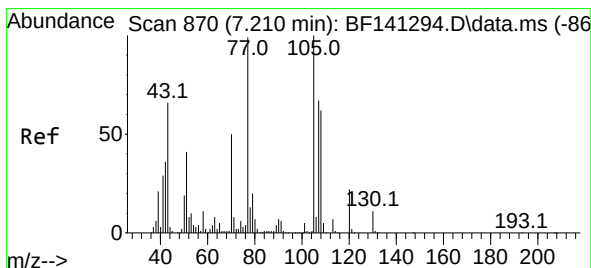
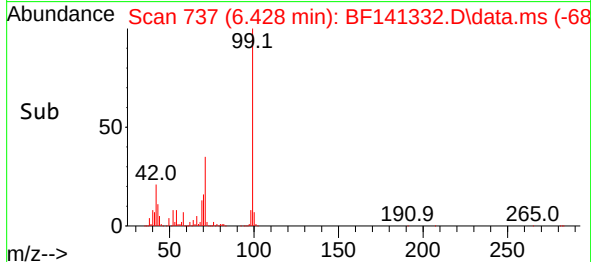
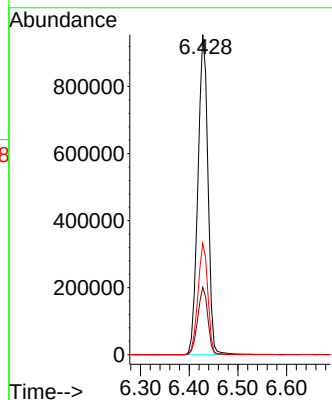
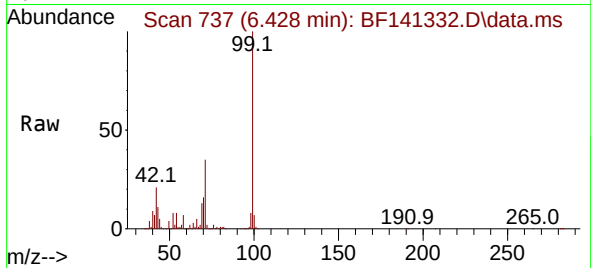




#7
Phenol-d6
Concen: 117.093 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

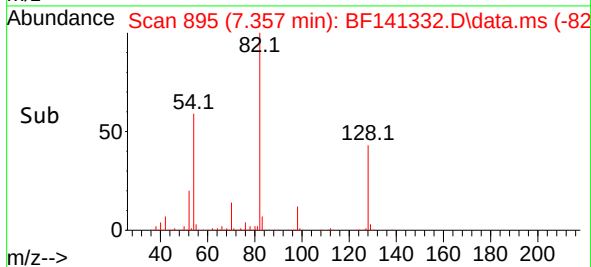
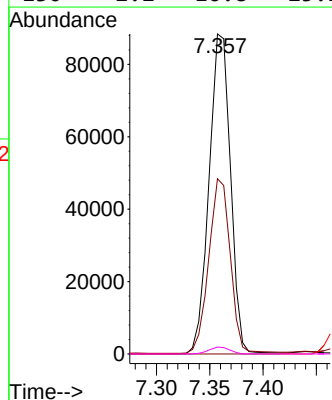
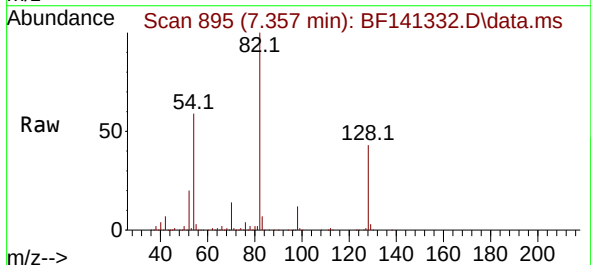
Instrument :
BNA_F
ClientSampleId :
VNJ-236

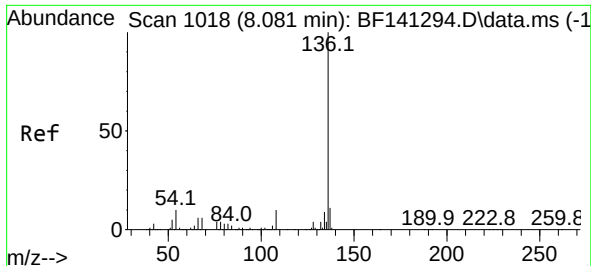
Tgt Ion: 99 Resp: 1379087
Ion Ratio Lower Upper
99 100
42 21.0 17.1 25.7
71 34.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.696 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

Tgt Ion: 70 Resp: 123845
Ion Ratio Lower Upper
70 100
42 54.7 56.8 85.2#
101 0.0 7.7 11.5#
130 2.2 16.8 25.2#



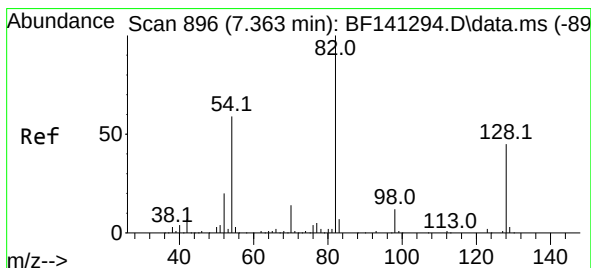
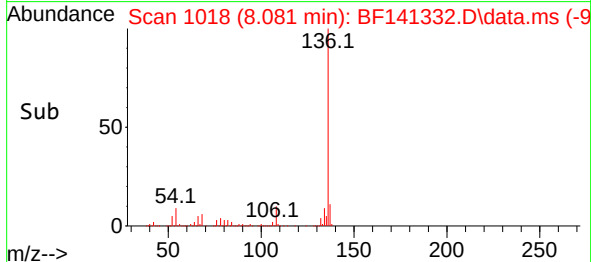
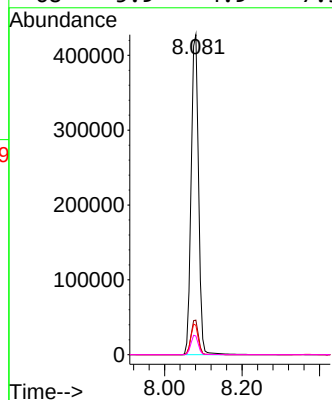
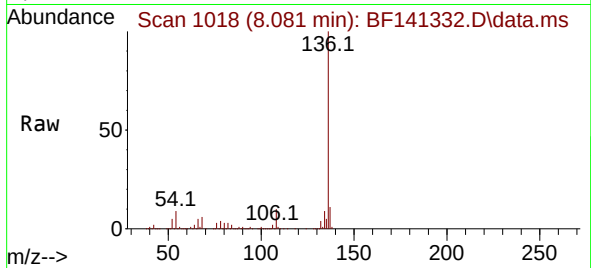


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

Instrument :
BNA_F
ClientSampleId :
VNJ-236

Tgt Ion:136 Resp: 566130

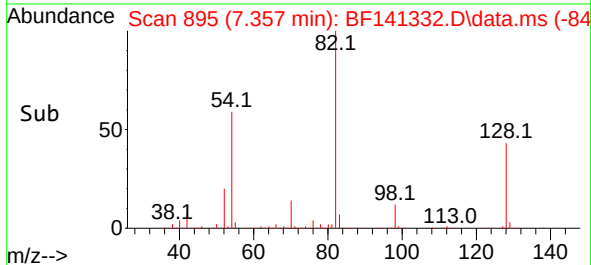
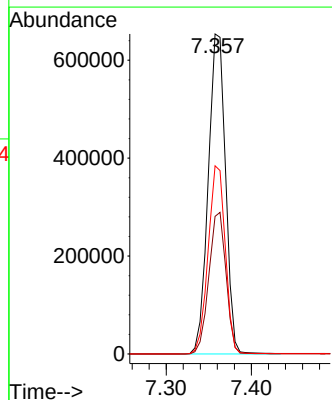
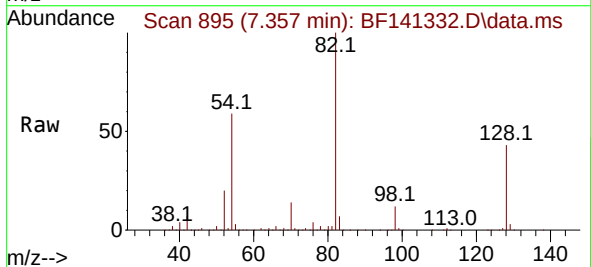
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.2	7.8	11.8
68	5.9	4.9	7.3

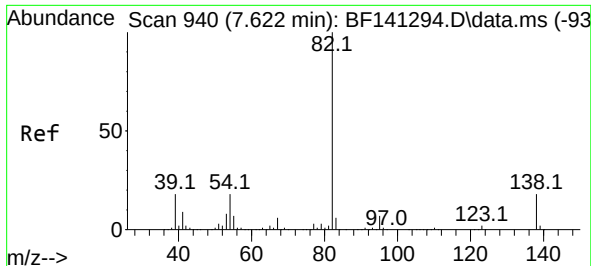


#23
Nitrobenzene-d5
Concen: 85.926 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

Tgt Ion: 82 Resp: 922777

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.7	53.5
54	58.8	47.1	70.7

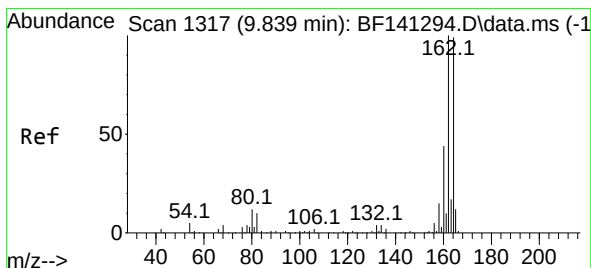
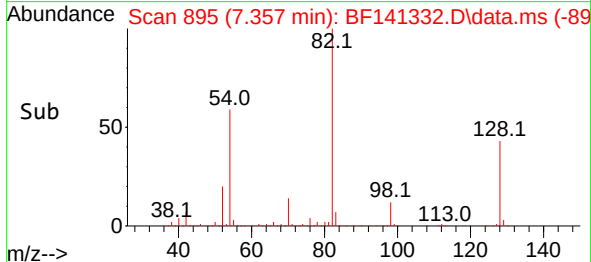
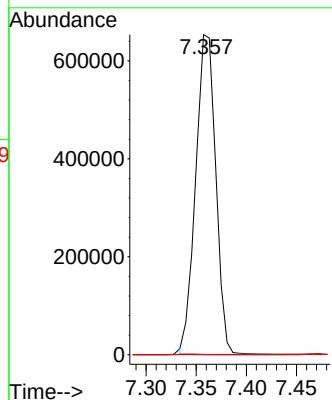
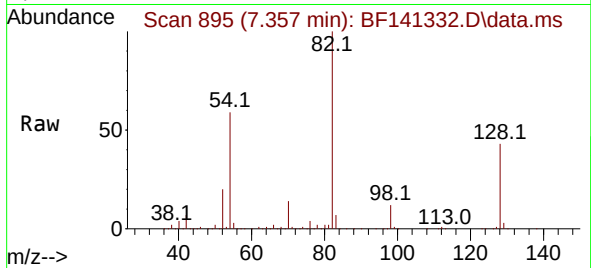




#25
Isophorone
Concen: 49.089 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

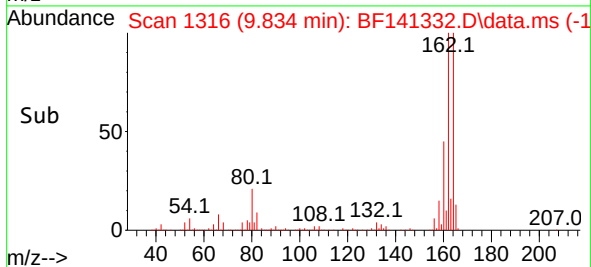
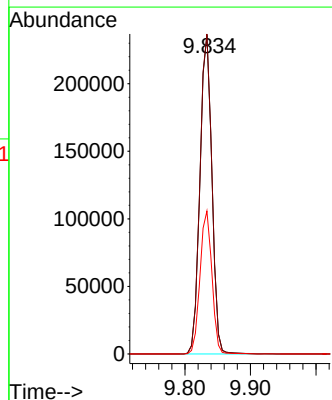
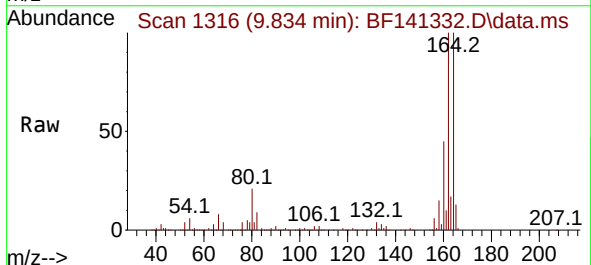
Instrument :
BNA_F
ClientSampleId :
VNJ-236

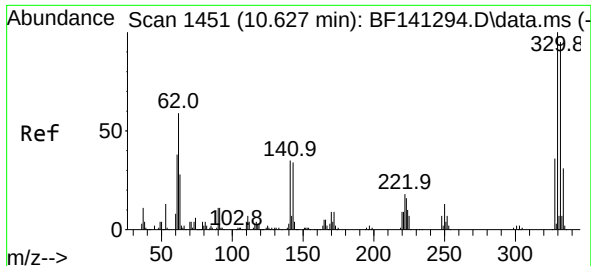
Tgt Ion: 82 Resp: 911265
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

Tgt Ion:164 Resp: 299733
Ion Ratio Lower Upper
164 100
162 100.4 80.6 121.0
160 44.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 137.691 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141332.D

Acq: 31 Jan 2025 15:13

Instrument :

BNA_F

ClientSampleId :

VNJ-236

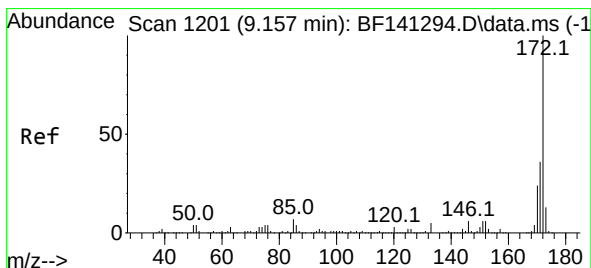
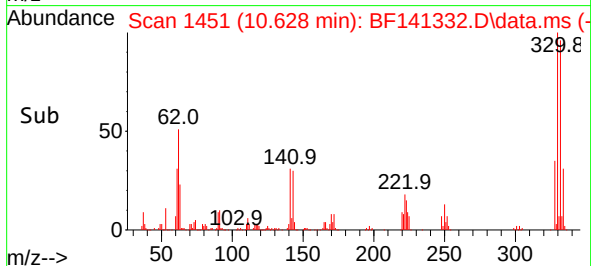
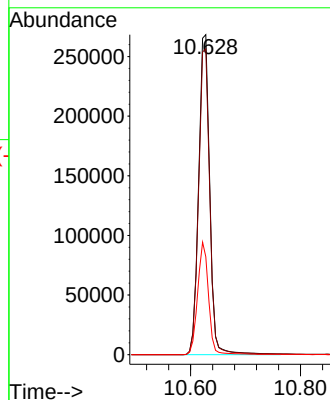
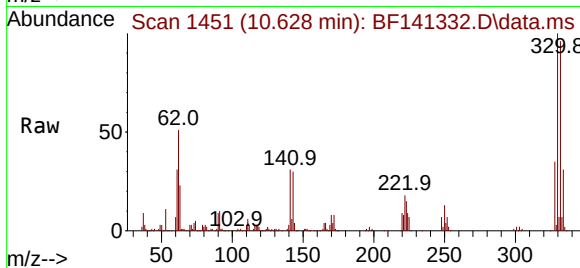
Tgt Ion:330 Resp: 378355

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

141 34.5 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 84.114 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141332.D

Acq: 31 Jan 2025 15:13

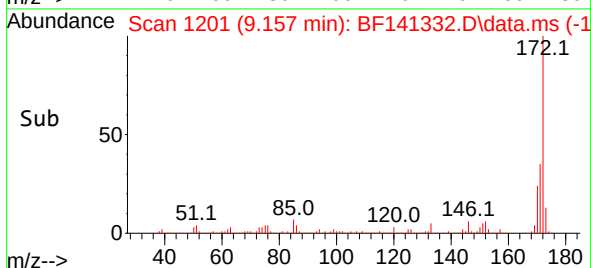
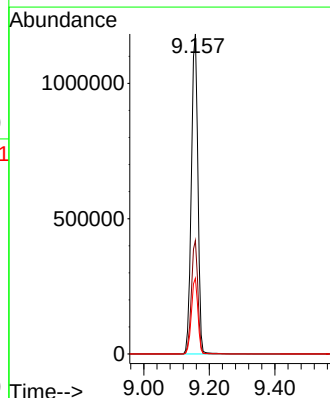
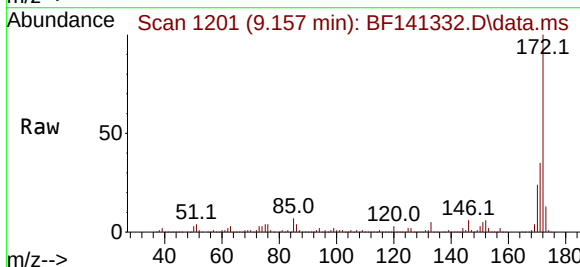
Tgt Ion:172 Resp: 1637990

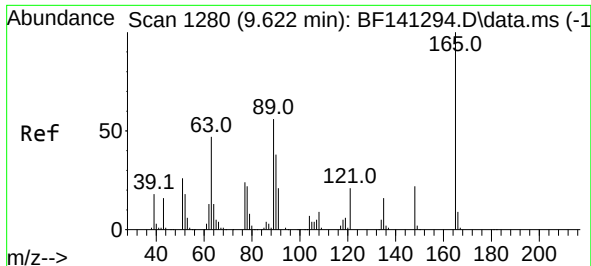
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.7 19.0 28.6

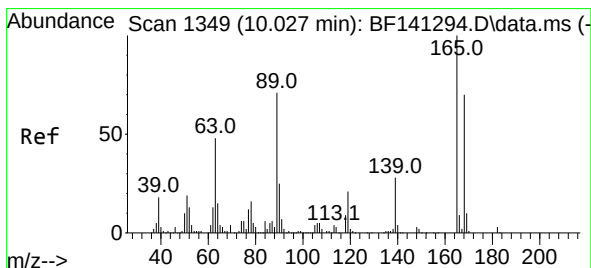
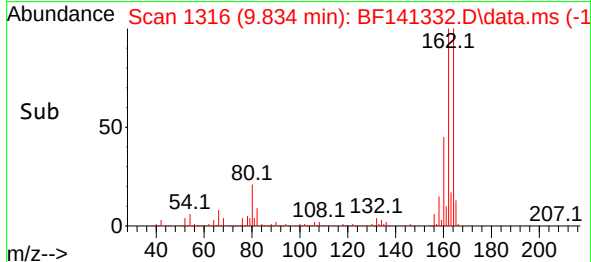
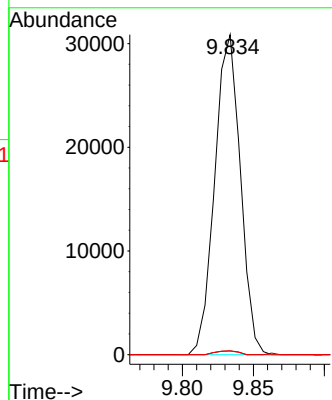
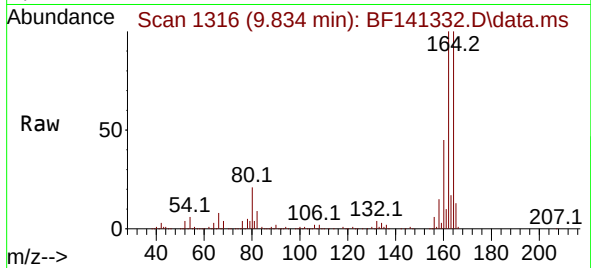




#51
2,6-Dinitrotoluene
Concen: 8.233 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

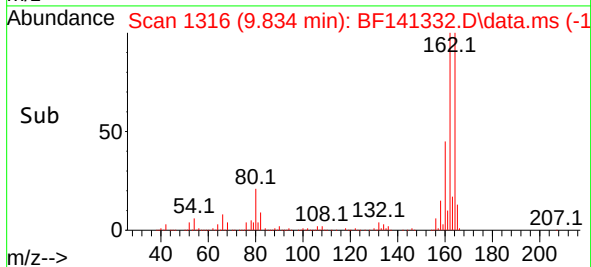
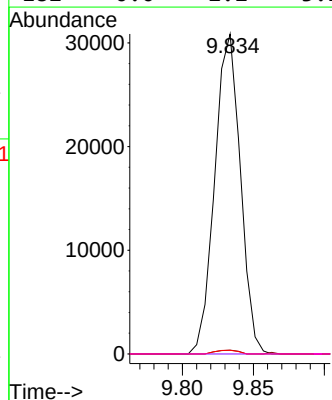
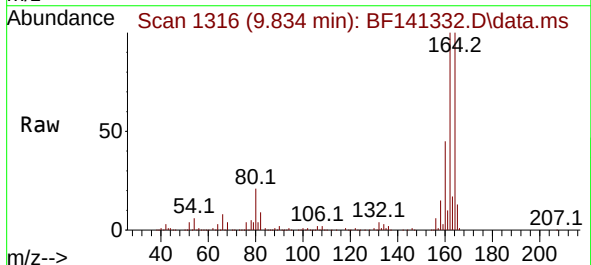
Instrument :
BNA_F
ClientSampleId :
VNJ-236

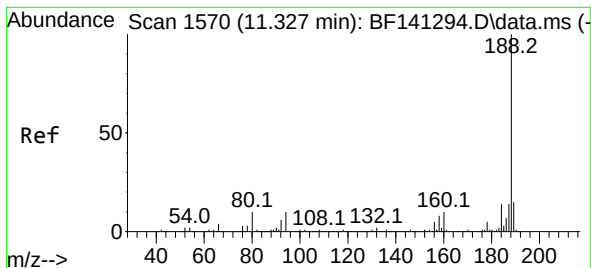
Tgt Ion:165 Resp: 38696
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.1 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.359 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

Tgt Ion:165 Resp: 38696
Ion Ratio Lower Upper
165 100
63 1.2 39.2 58.8#
89 1.1 56.9 85.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141332.D

Acq: 31 Jan 2025 15:13

Instrument :

BNA_F

ClientSampleId :

VNJ-236

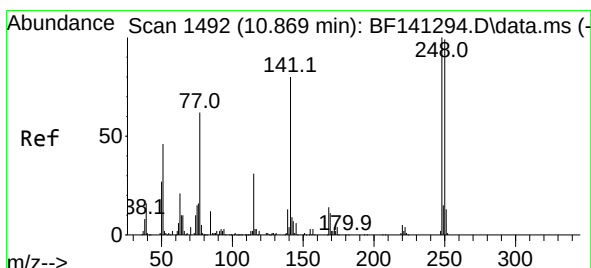
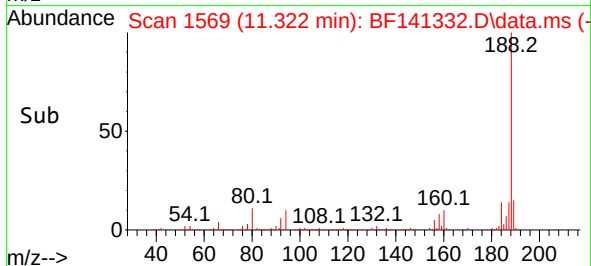
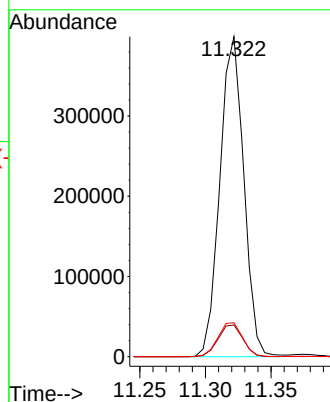
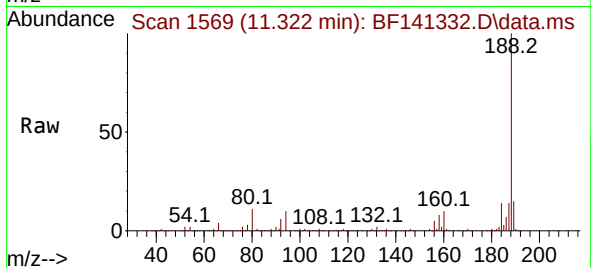
Tgt Ion:188 Resp: 505188

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

80 10.6 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 4.653 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF141332.D

Acq: 31 Jan 2025 15:13

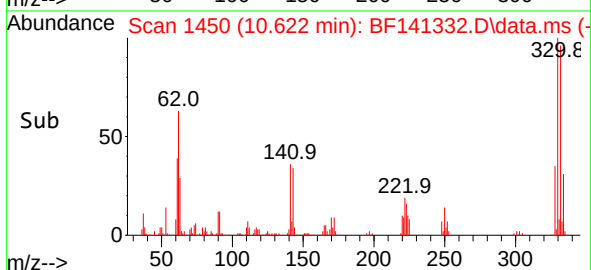
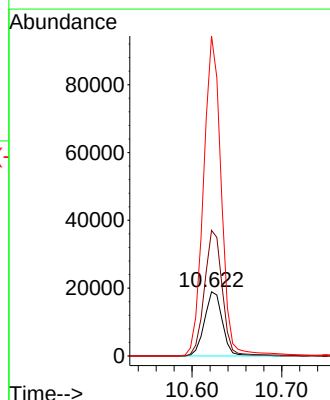
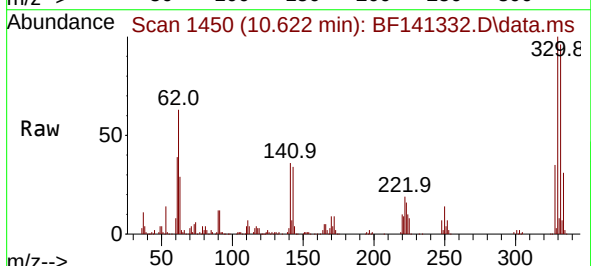
Tgt Ion:248 Resp: 26315

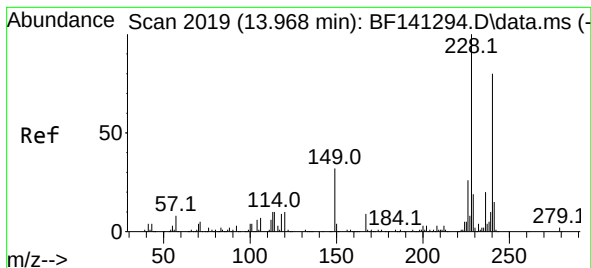
Ion Ratio Lower Upper

248 100

250 195.8 79.0 118.4#

141 499.0 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF141332.D

Acq: 31 Jan 2025 15:13

Instrument :

BNA_F

ClientSampleId :

VNJ-236

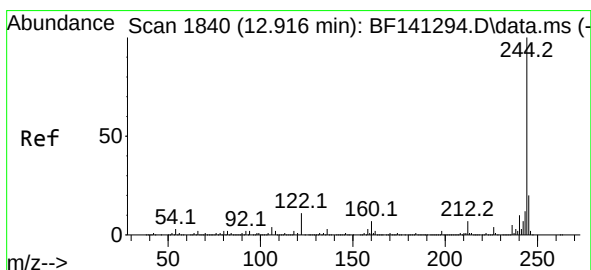
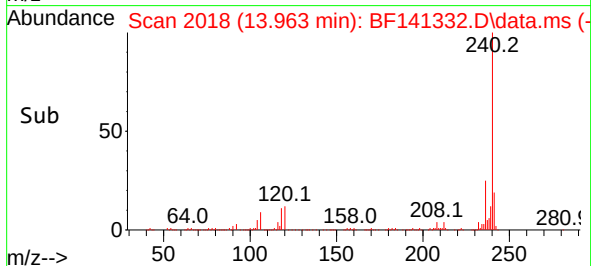
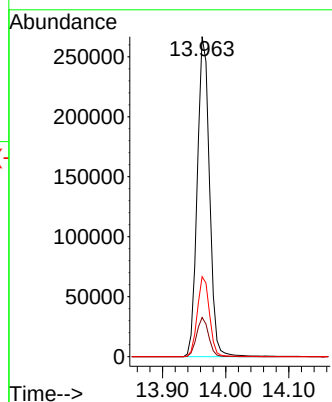
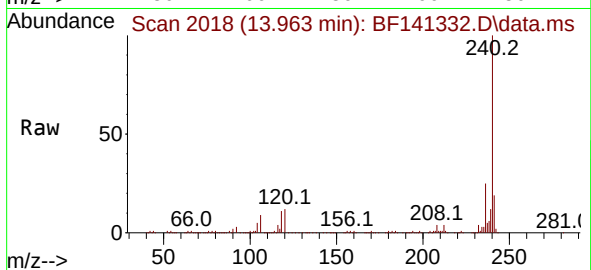
Tgt Ion:240 Resp: 358702

Ion Ratio Lower Upper

240 100

120 12.3 10.0 15.0

236 25.0 19.7 29.5



#79

Terphenyl-d14

Concen: 76.604 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141332.D

Acq: 31 Jan 2025 15:13

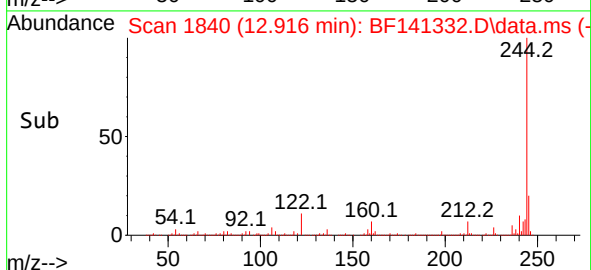
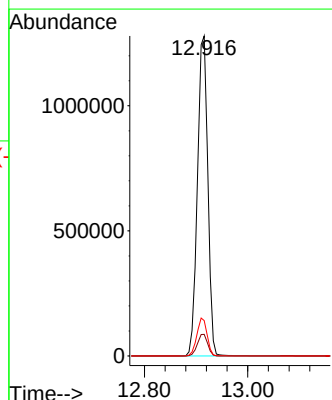
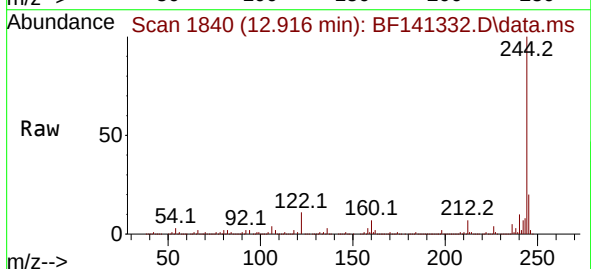
Tgt Ion:244 Resp: 1781768

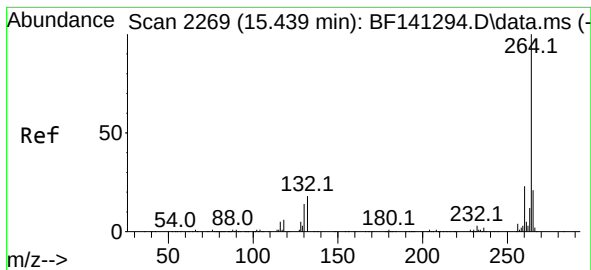
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.1 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141332.D

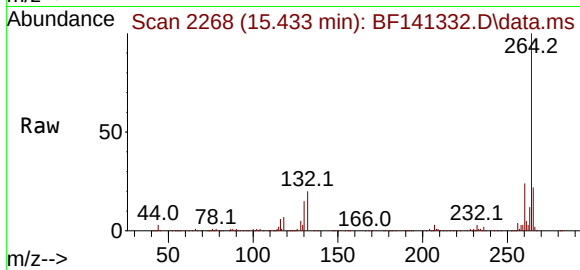
Acq: 31 Jan 2025 15:13

Instrument :

BNA_F

ClientSampleId :

VNJ-236



Tgt Ion:264 Resp: 273365

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.5 16.7 25.1

