

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135226.D
 Acq On : 13 Sep 2023 17:03
 Operator : CG\JU
 Sample : 04314-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

Quant Time: Sep 13 20:41:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

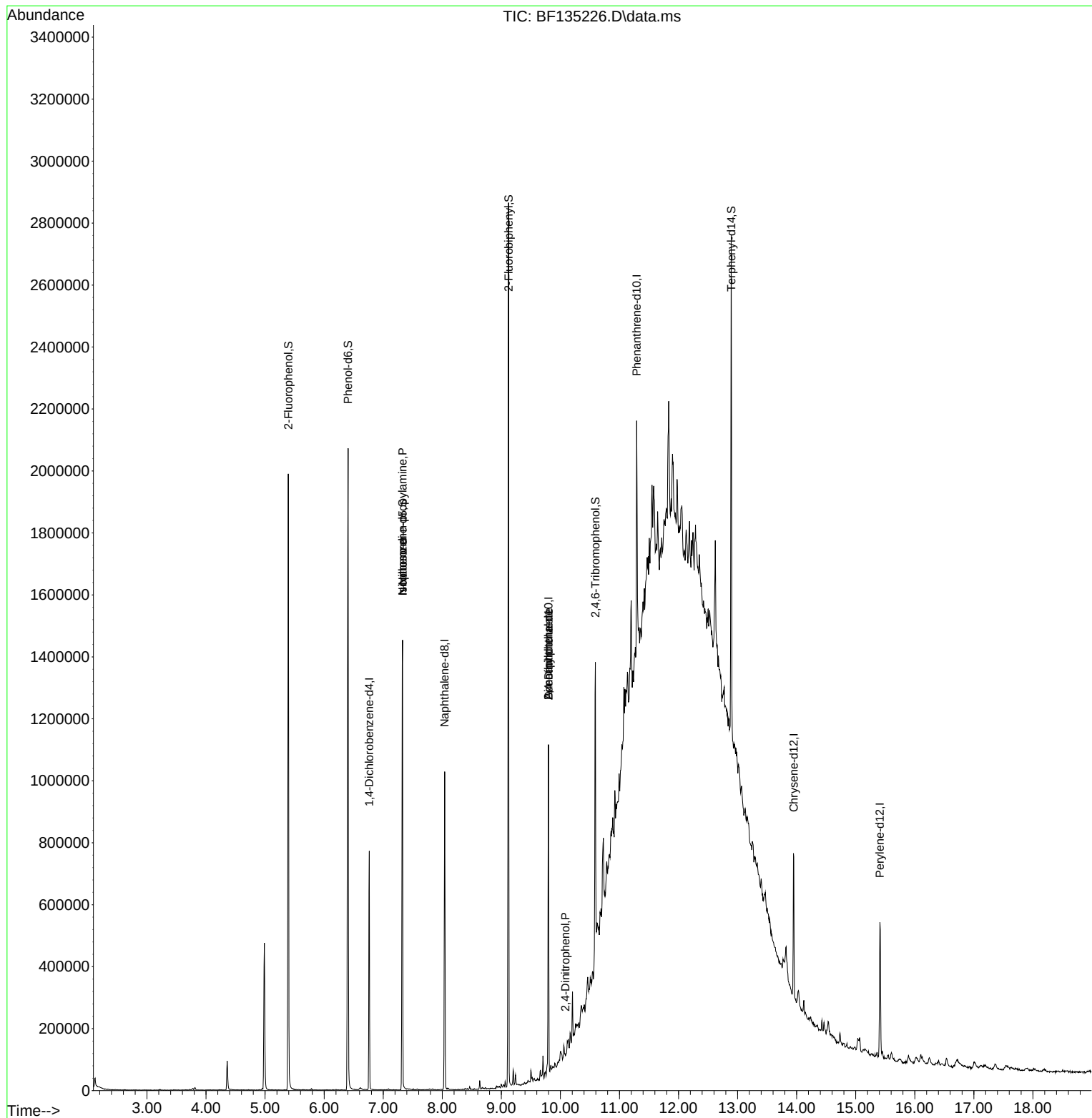
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	108288	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	410320	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	194843	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	292882	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	165492	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	220504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	490351	73.649	ng	0.00
7) Phenol-d6	6.404	99	675435	79.782	ng	0.00
23) Nitrobenzene-d5	7.328	82	455693	60.337	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	118814	61.362	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	847537	65.627	ng	0.00
79) Terphenyl-d14	12.892	244	595226	55.756	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	60521	11.541	ng	# 77
25) Isophorone	7.328	82	454446	32.769	ng	# 65
50) Dimethylphthalate	9.798	163	40541	3.077	ng	# 1
54) 2,4-Dinitrophenol	10.086	184	298	6.415	ng	# 18
57) 2,4-Dinitrotoluene	9.798	165	25546	7.071	ng	# 19

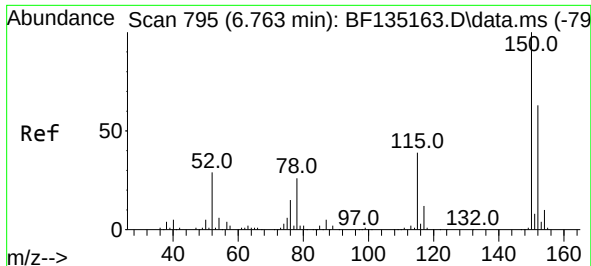
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

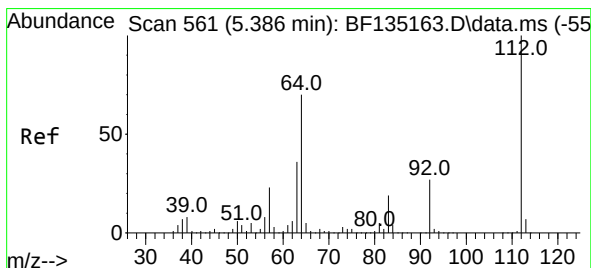
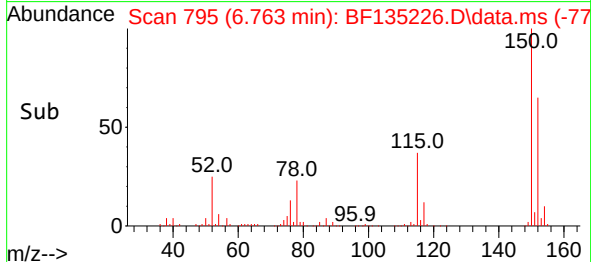
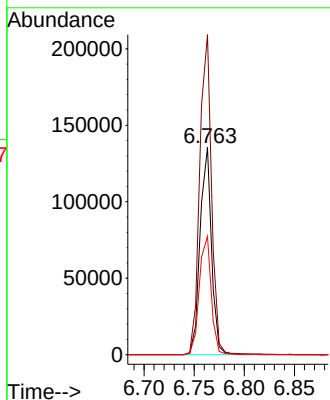
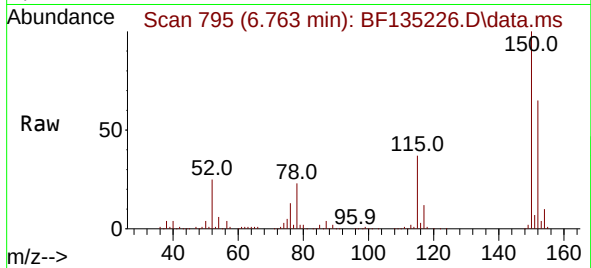




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135226.D
 Acq: 13 Sep 2023 17:03

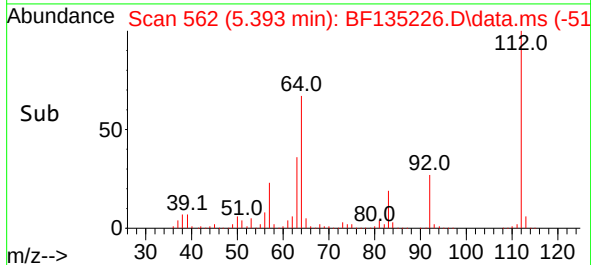
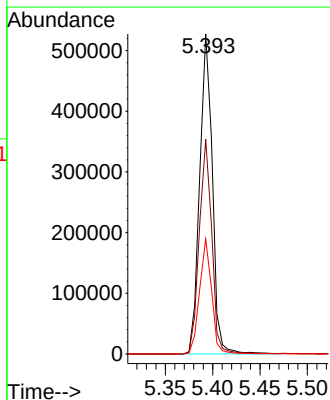
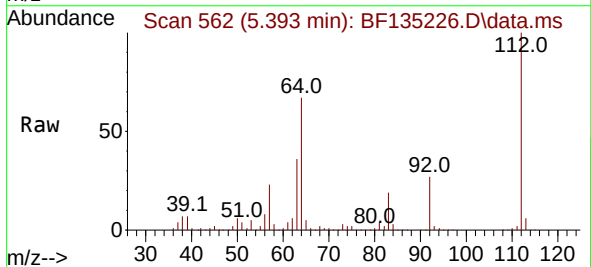
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

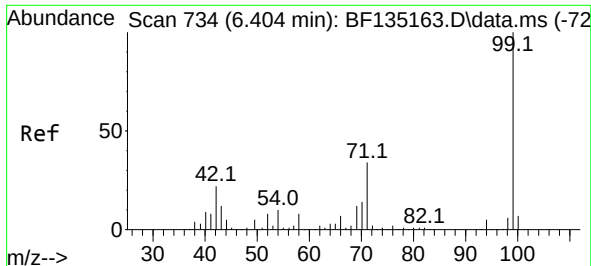
Tgt Ion:152 Resp: 108288
 Ion Ratio Lower Upper
 152 100
 150 154.4 127.8 191.6
 115 57.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 73.649 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF135226.D
 Acq: 13 Sep 2023 17:03

Tgt Ion:112 Resp: 490351
 Ion Ratio Lower Upper
 112 100
 64 67.1 55.9 83.9
 63 35.9 29.0 43.6

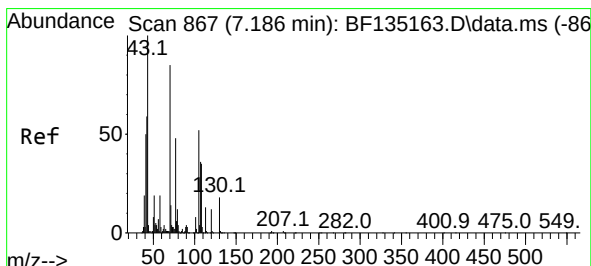
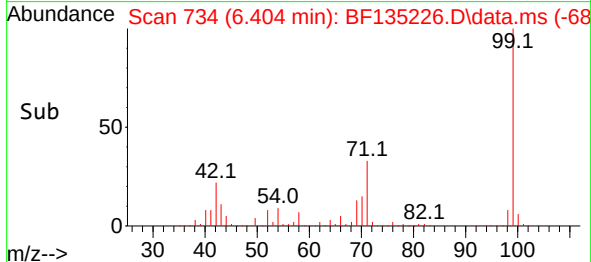
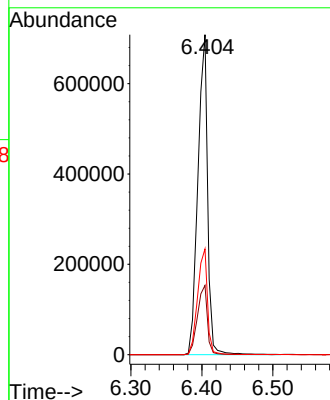
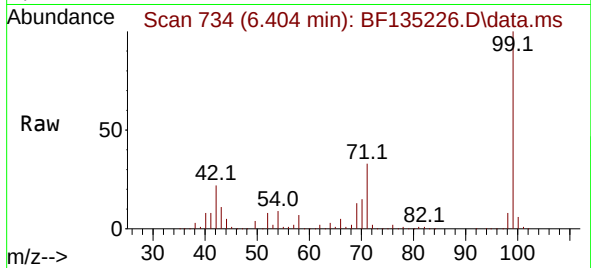




#7
Phenol-d6
Concen: 79.782 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

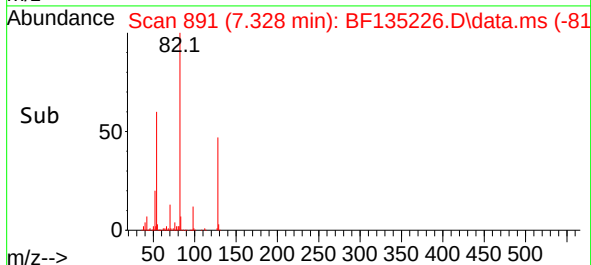
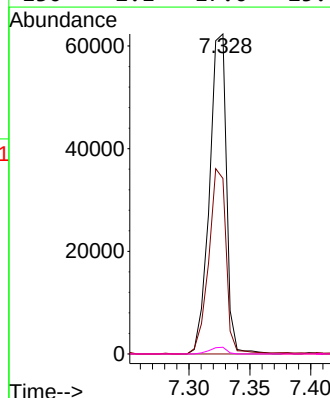
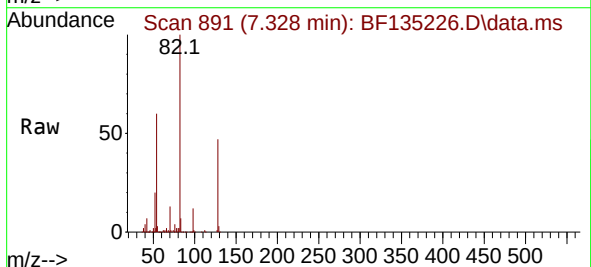
Instrument :
BNA_F
ClientSampleId :
VNJ-201

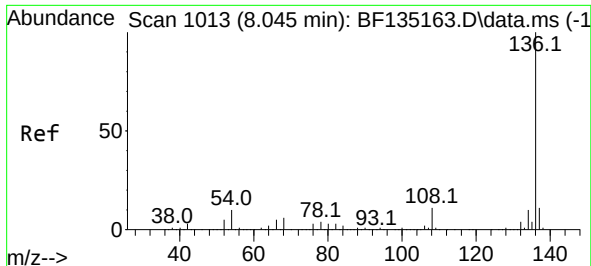
Tgt Ion: 99 Resp: 675435
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 33.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.541 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

Tgt Ion: 70 Resp: 60521
Ion Ratio Lower Upper
70 100
42 54.8 55.4 83.0#
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

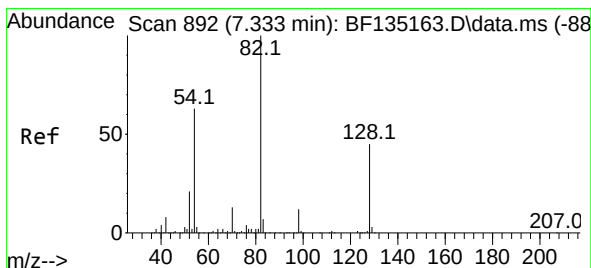
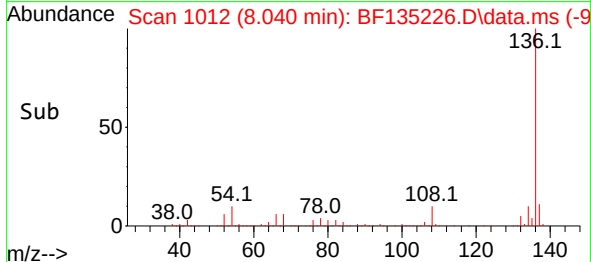
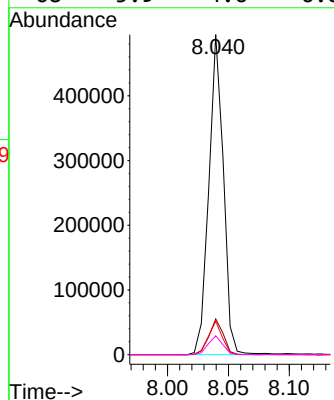
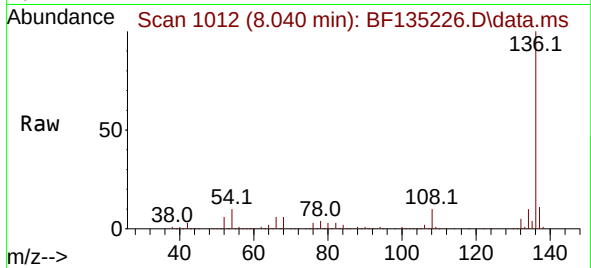




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

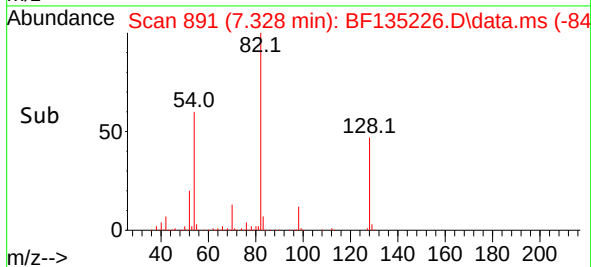
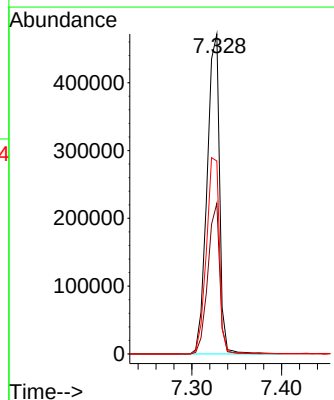
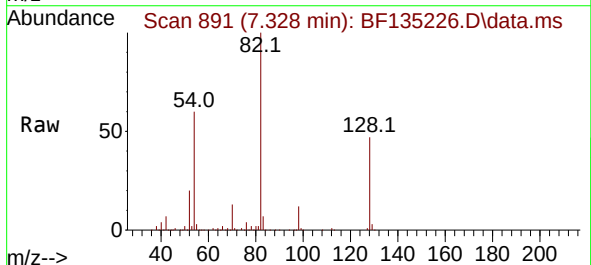
Instrument :
BNA_F
ClientSampleId :
VNJ-201

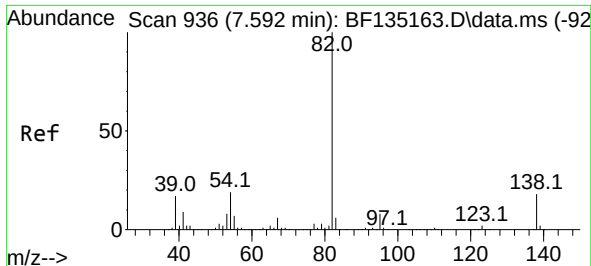
Tgt Ion:136 Resp: 410320
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.5 7.7 11.5
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 60.337 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

Tgt Ion: 82 Resp: 455693
Ion Ratio Lower Upper
82 100
128 47.1 35.8 53.6
54 60.3 50.6 76.0

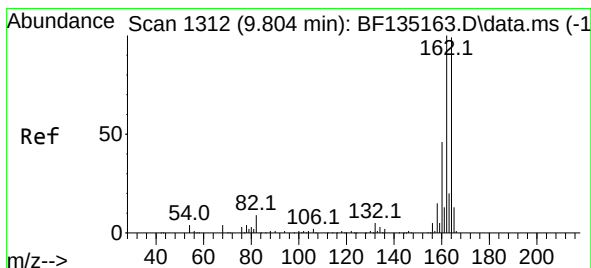
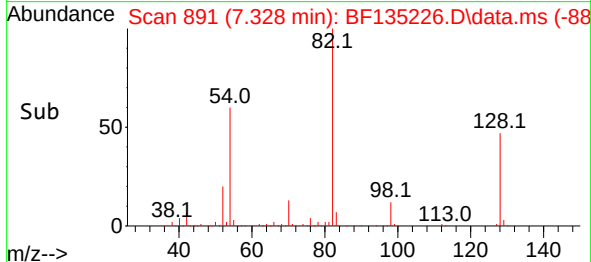
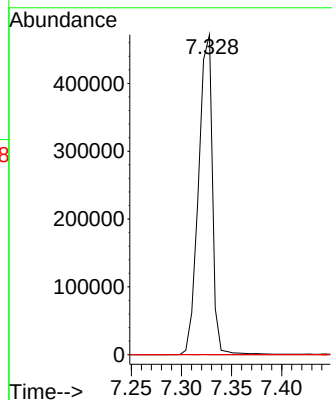
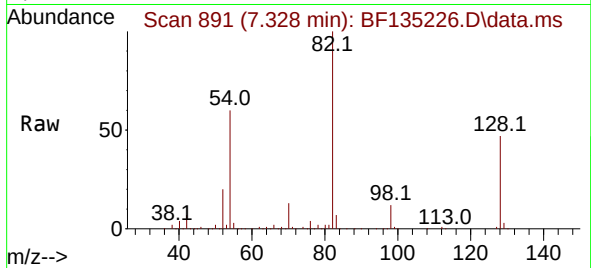




#25
Isophorone
Concen: 32.769 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

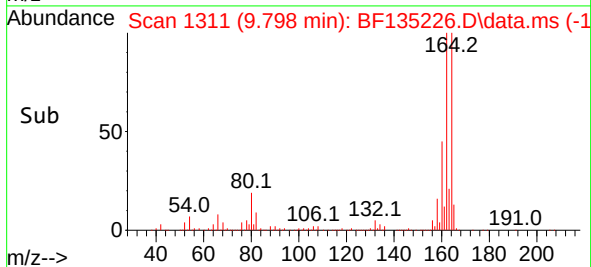
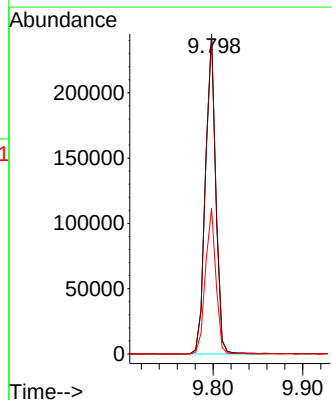
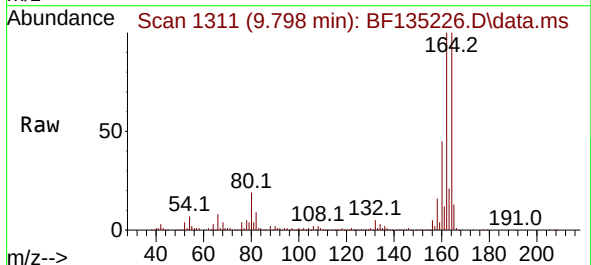
Instrument :
BNA_F
ClientSampleId :
VNJ-201

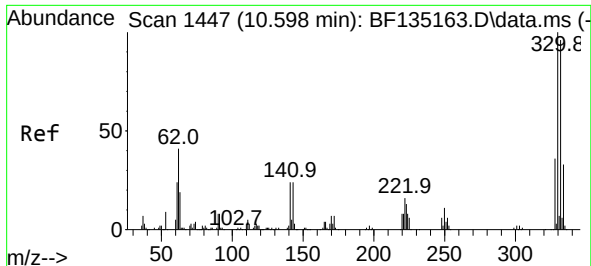
Tgt Ion: 82 Resp: 454446
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

Tgt Ion: 164 Resp: 194843
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 61.362 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135226.D

Acq: 13 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :

VNJ-201

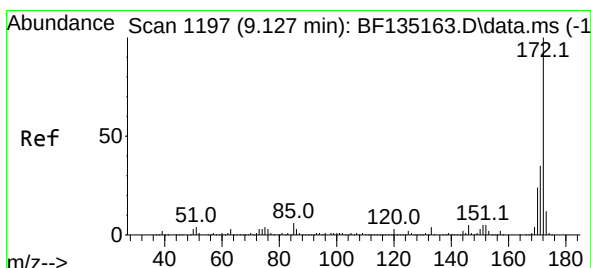
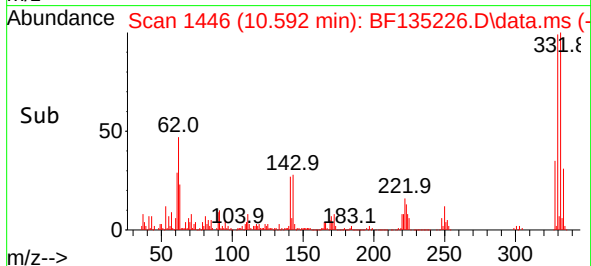
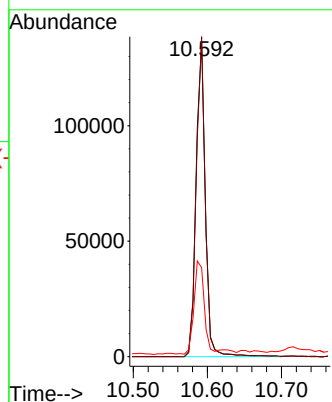
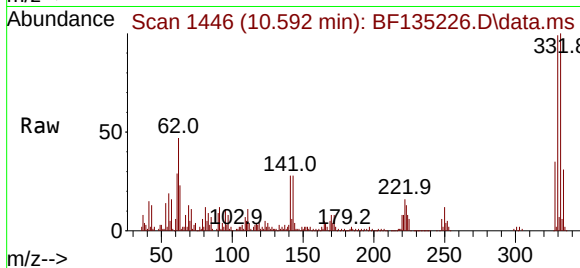
Tgt Ion:330 Resp: 118814

Ion Ratio Lower Upper

330 100

332 98.9 77.3 115.9

141 32.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 65.627 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135226.D

Acq: 13 Sep 2023 17:03

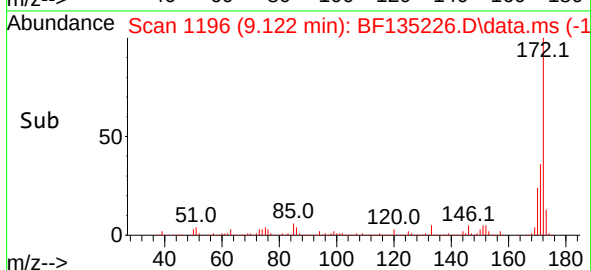
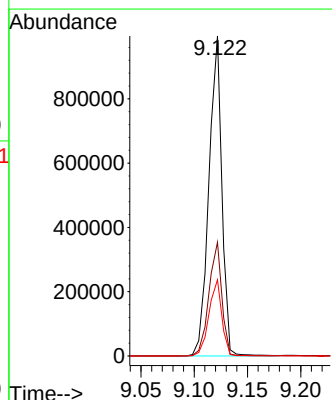
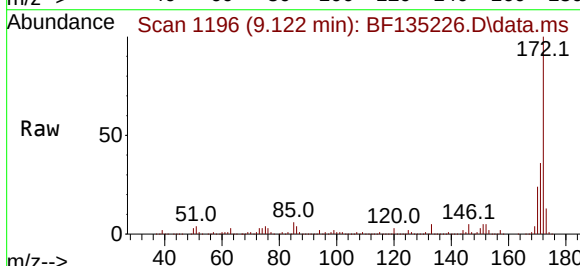
Tgt Ion:172 Resp: 847537

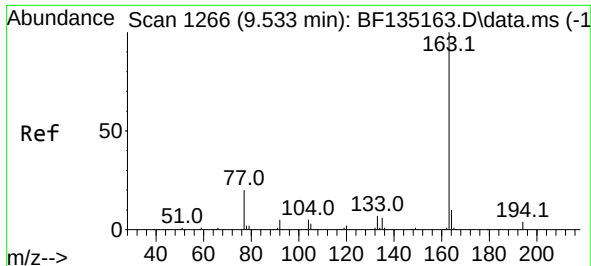
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 19.0 28.4

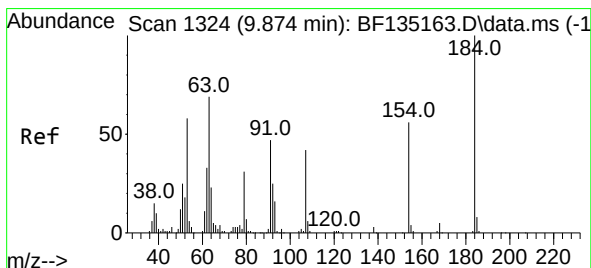
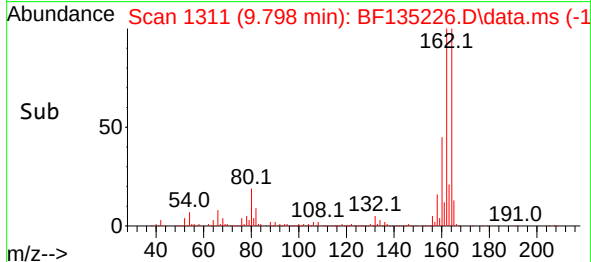
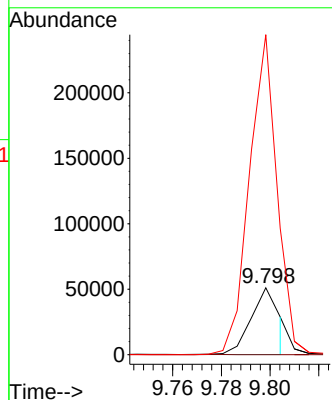
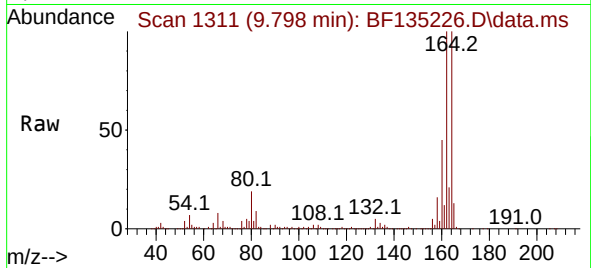




#50
Dimethylphthalate
Concen: 3.077 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

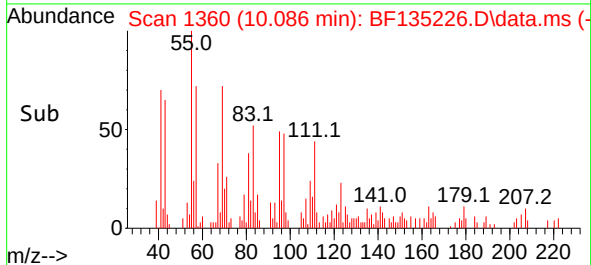
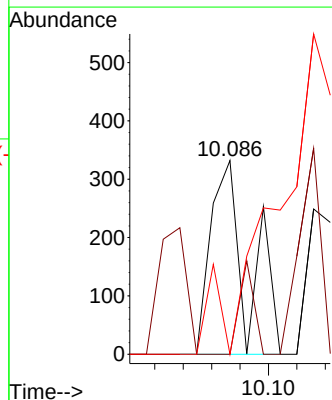
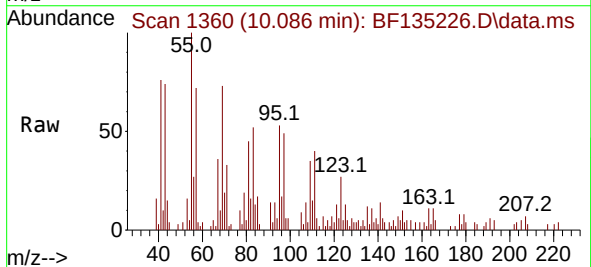
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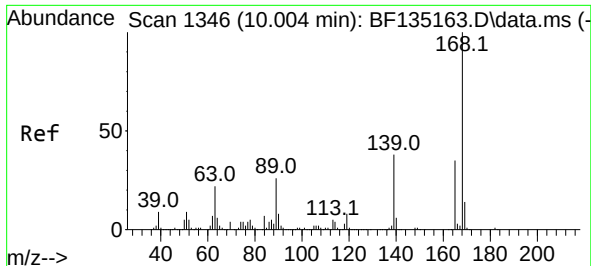
Tgt Ion:163 Resp: 40541
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 478.9 8.1 12.1#



#54
2,4-Dinitrophenol
Concen: 6.415 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.212 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

Tgt Ion:184 Resp: 298
Ion Ratio Lower Upper
184 100
63 0.0 55.1 82.7#
154 0.0 48.4 72.6#

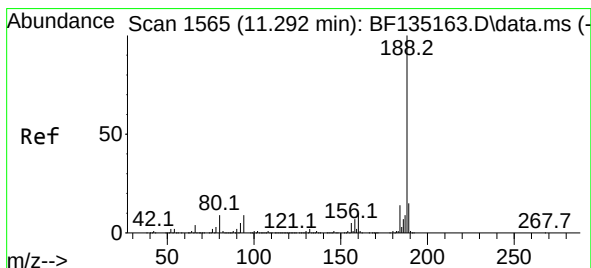
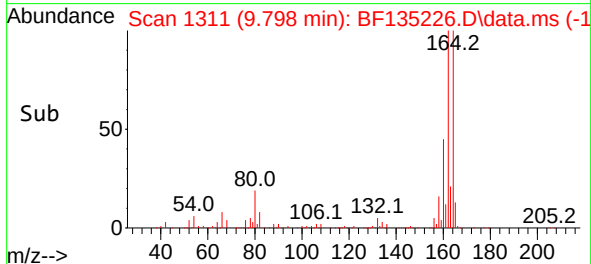
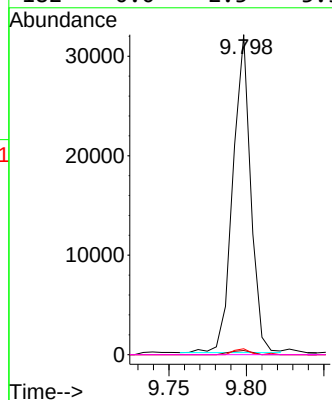
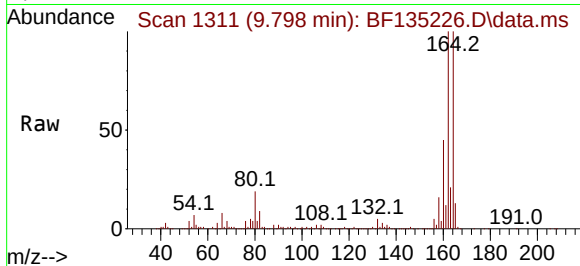




#57
2,4-Dinitrotoluene
Concen: 7.071 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

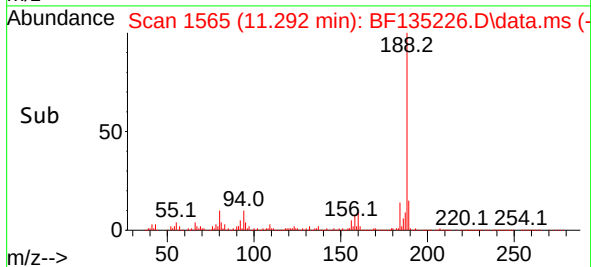
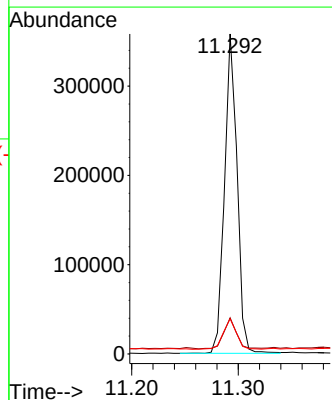
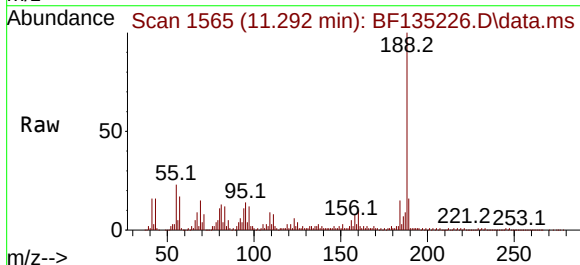
Instrument :
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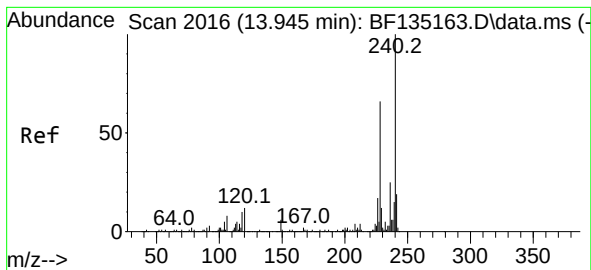
Tgt Ion:165 Resp: 25546
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.8 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

Tgt Ion:188 Resp: 292882
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 11.0 7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135226.D

Acq: 13 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :

VNJ-201

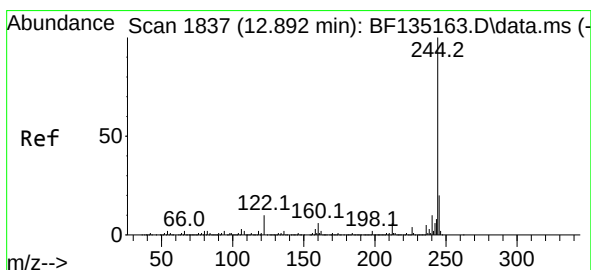
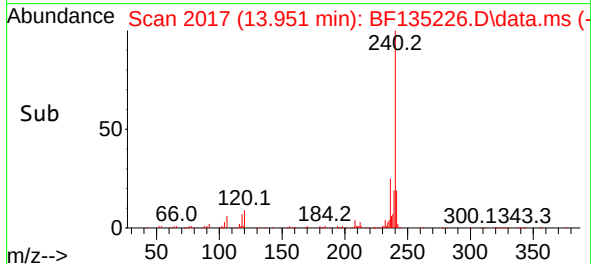
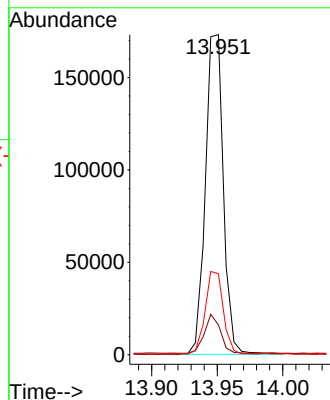
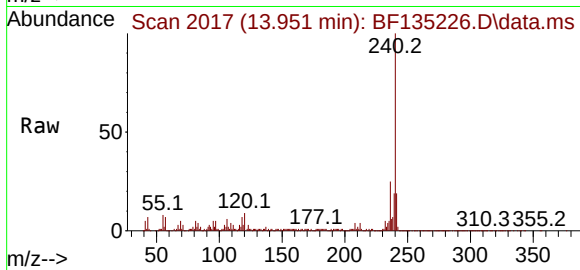
Tgt Ion:240 Resp: 165492

Ion Ratio Lower Upper

240 100

120 9.3 9.4 14.2#

236 25.3 19.8 29.8



#79

Terphenyl-d14

Concen: 55.756 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135226.D

Acq: 13 Sep 2023 17:03

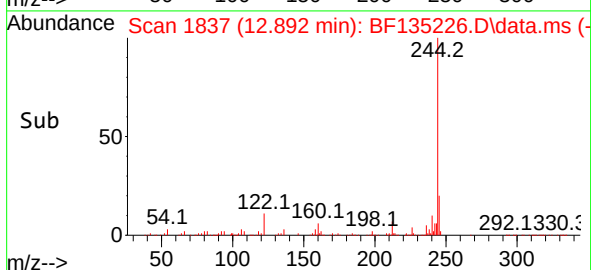
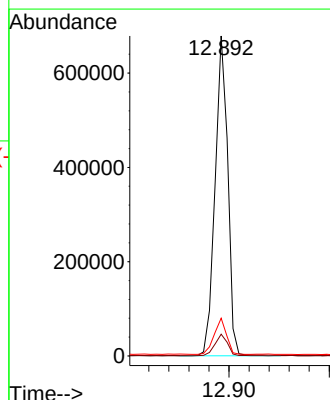
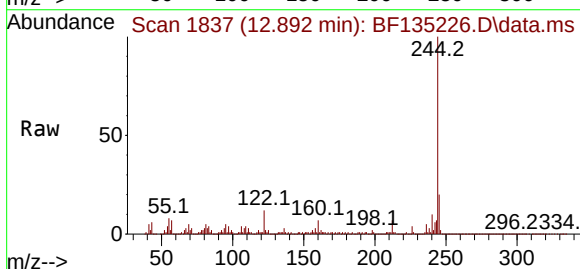
Tgt Ion:244 Resp: 595226

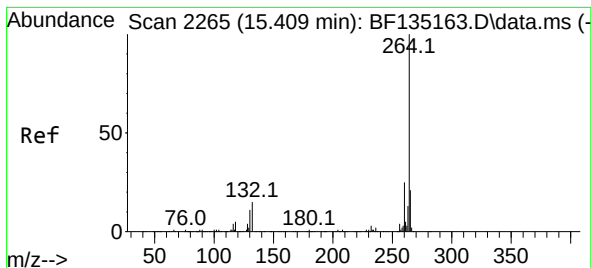
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 11.8 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135226.D

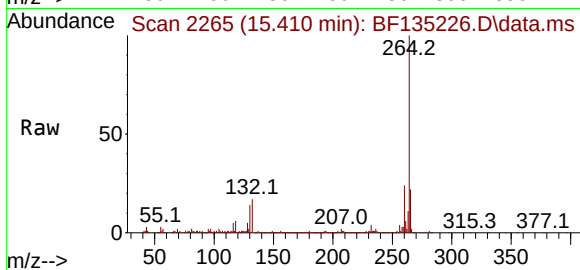
Acq: 13 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :

VNJ-201



Tgt Ion:264 Resp: 220504

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 22.2 17.0 25.4

