

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138070.D
 Acq On : 30 May 2024 12:33
 Operator : CG\JU
 Sample : P2612-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

Quant Time: May 30 13:04:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

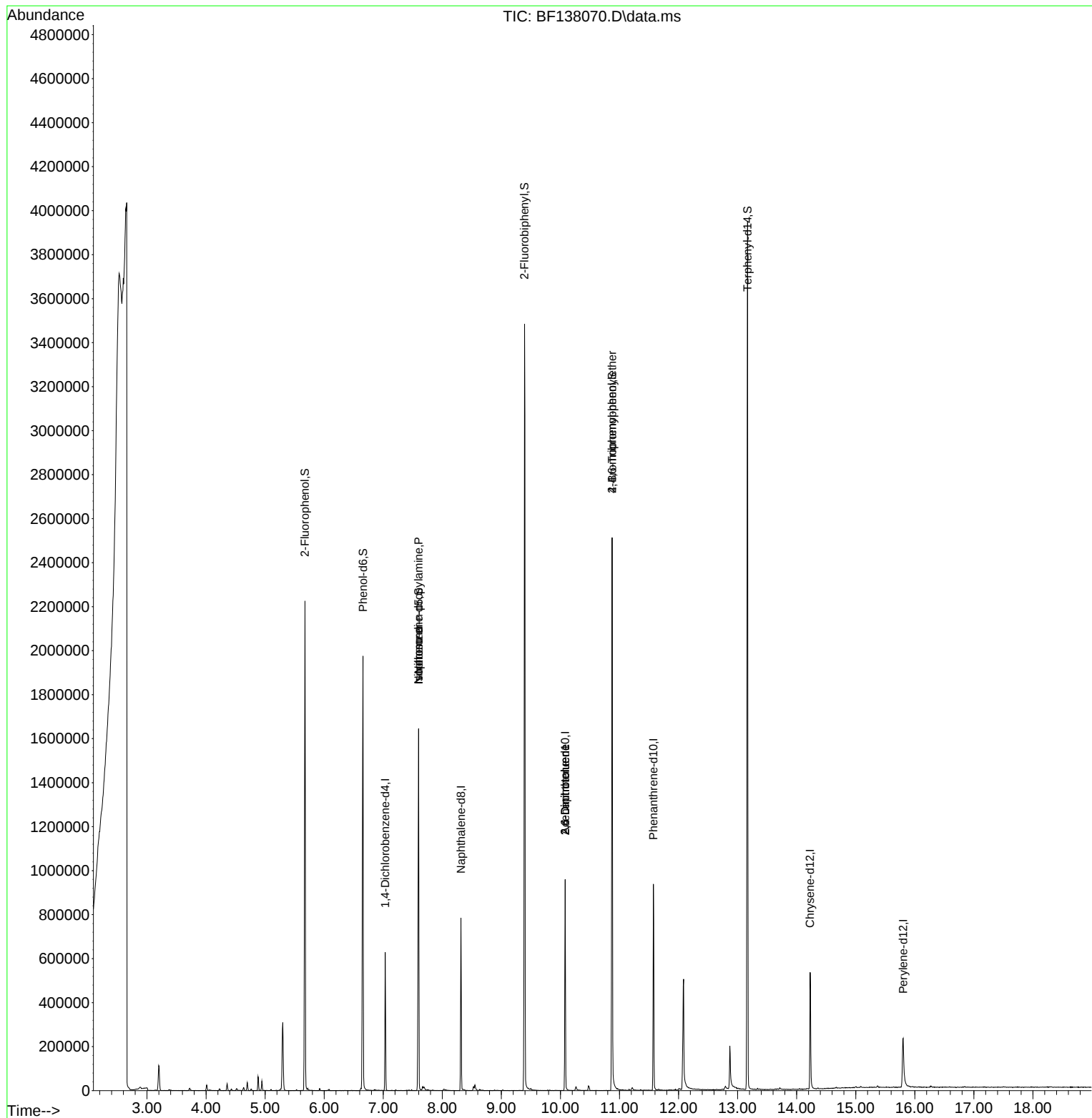
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.033	152	84629	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	329427	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	197651	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	357085	20.000	ng	0.00
76) Chrysene-d12	14.227	240	204601	20.000	ng	0.00
86) Perylene-d12	15.804	264	163326	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	659643	132.401	ng	0.01
7) Phenol-d6	6.657	99	735812	119.894	ng	0.00
23) Nitrobenzene-d5	7.598	82	529977	94.678	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	359774	180.527	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1218781	94.985	ng	0.00
79) Terphenyl-d14	13.168	244	1426682	102.768	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.598	70	71091	20.618	ng	# 73
25) Isophorone	7.598	82	529972	54.551	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	25498	8.963	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	25493	6.932	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	22547	5.760	ng	# 1

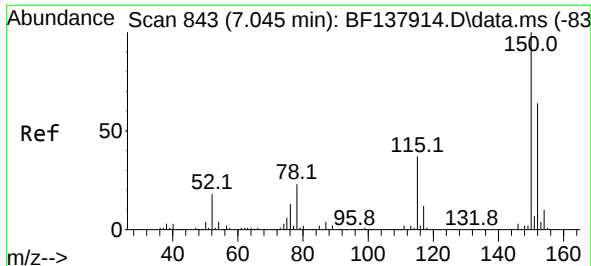
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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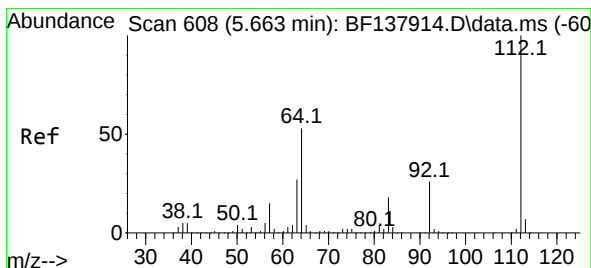
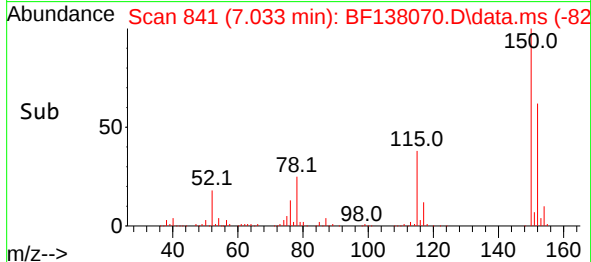
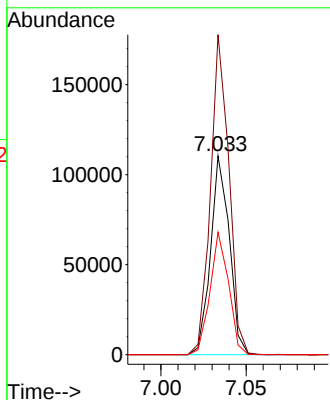
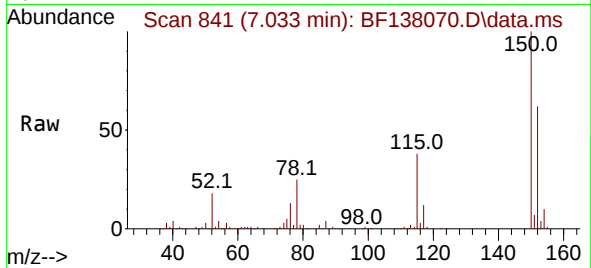




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.033 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

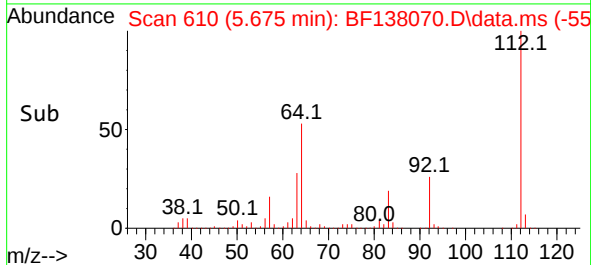
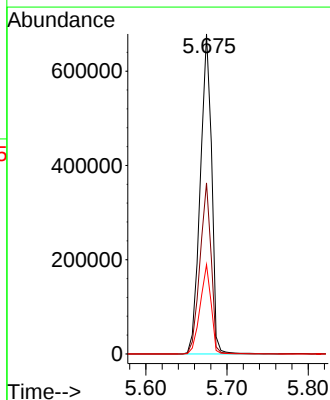
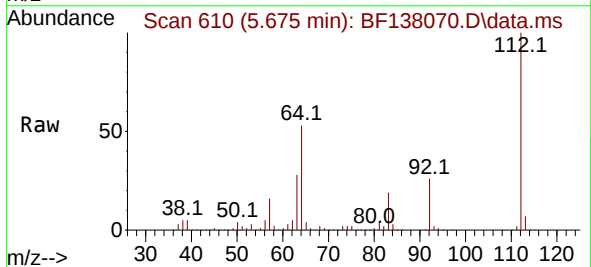
Instrument :
BNA_F
ClientSampleId :
VNJ-203

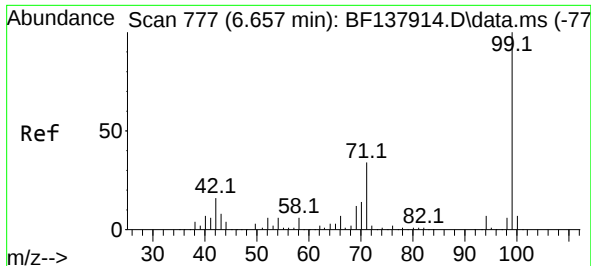
Tgt Ion:152 Resp: 84629
Ion Ratio Lower Upper
152 100
150 161.0 125.7 188.5
115 61.6 47.0 70.6



#5
2-Fluorophenol
Concen: 132.401 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion:112 Resp: 659643
Ion Ratio Lower Upper
112 100
64 53.5 42.4 63.6
63 27.9 21.4 32.2

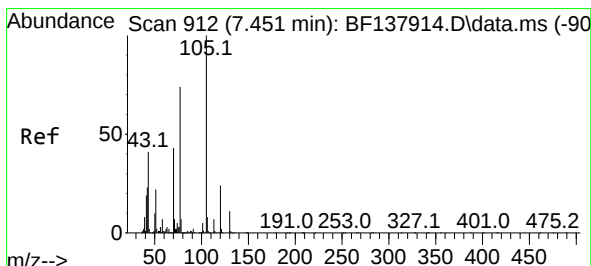
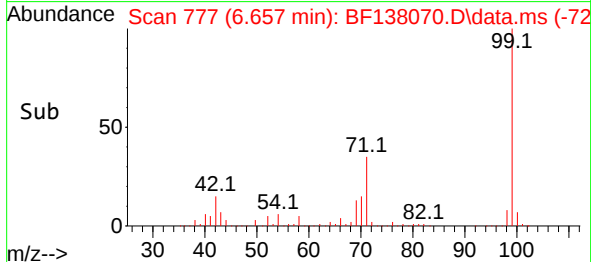
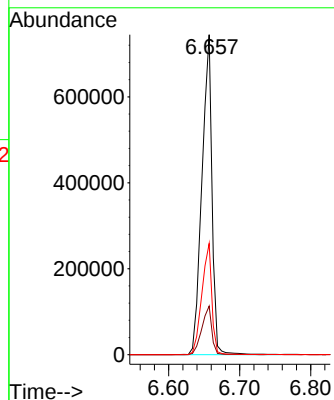
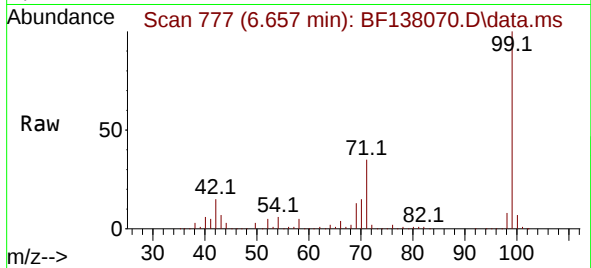




#7
Phenol-d6
Concen: 119.894 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

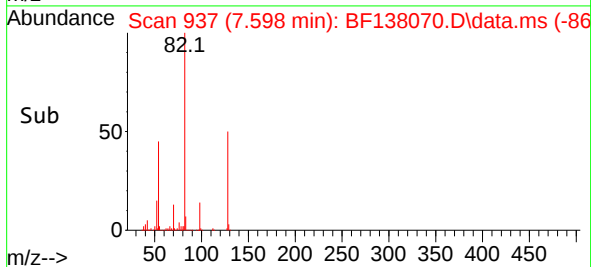
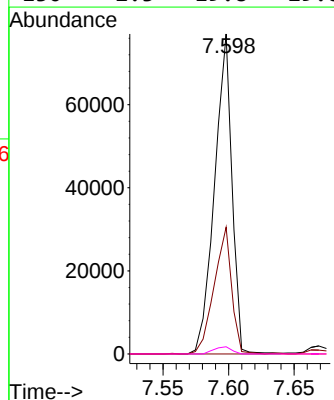
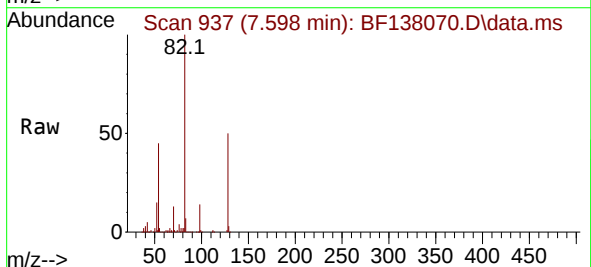
Instrument :
BNA_F
ClientSampleId :
VNJ-203

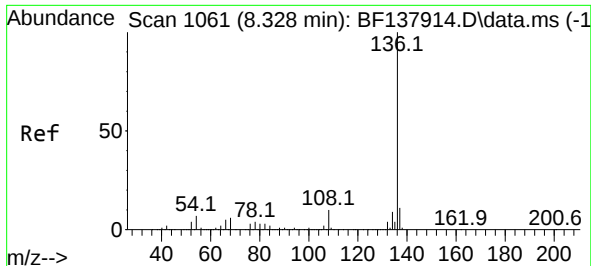
Tgt Ion: 99 Resp: 735812
Ion Ratio Lower Upper
99 100
42 15.2 12.6 18.8
71 34.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.618 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion: 70 Resp: 71091
Ion Ratio Lower Upper
70 100
42 39.6 42.2 63.4#
101 0.0 8.8 13.2#
130 2.3 19.8 29.8#



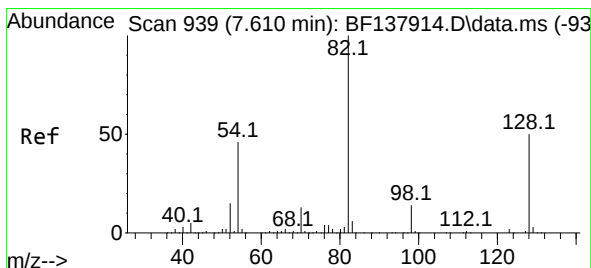
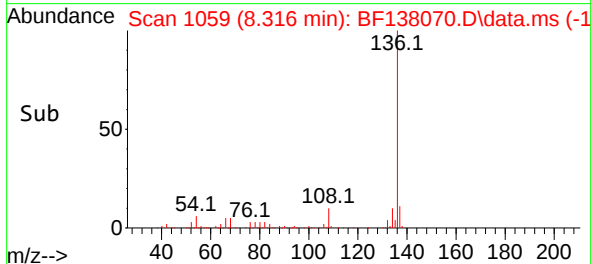
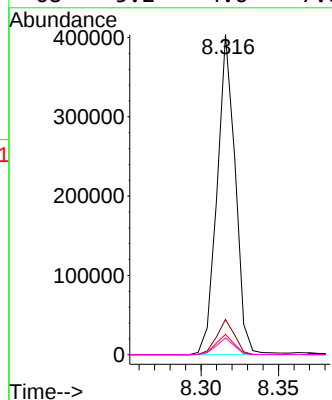
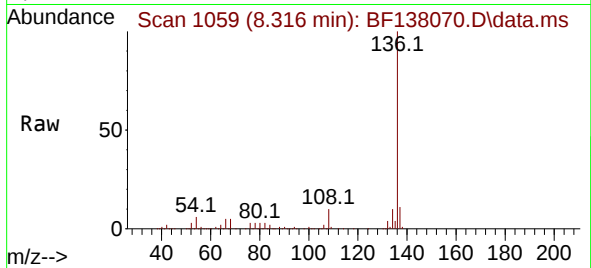


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Tgt Ion:136 Resp: 329427

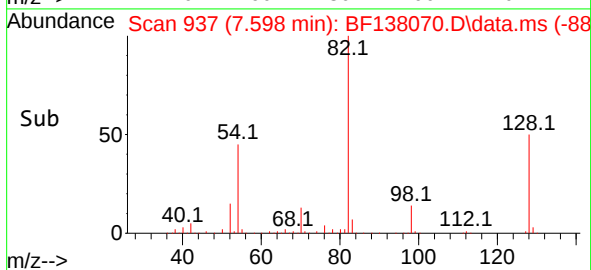
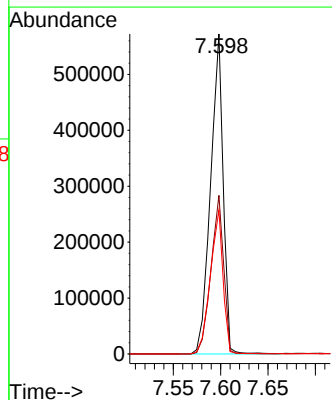
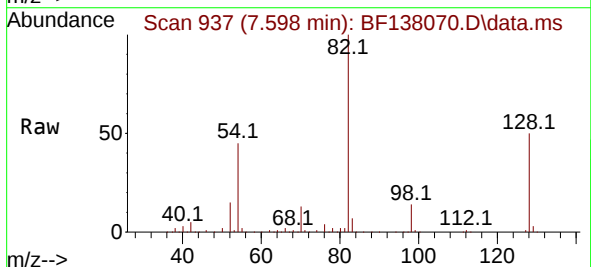
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.3	5.4	8.2
68	5.2	4.6	7.0

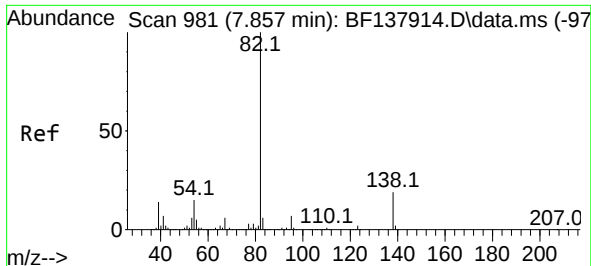


#23
Nitrobenzene-d5
Concen: 94.678 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion: 82 Resp: 529977

Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.3	60.5
54	45.0	36.8	55.2

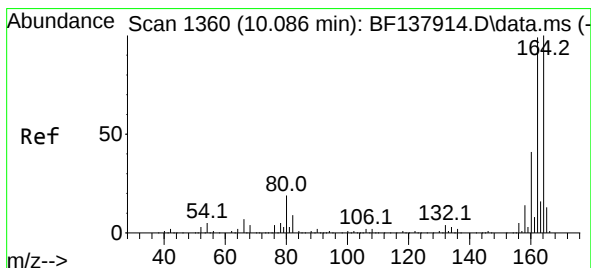
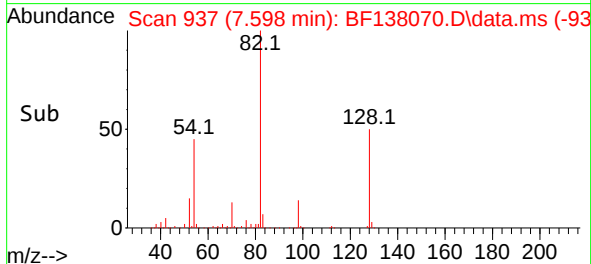
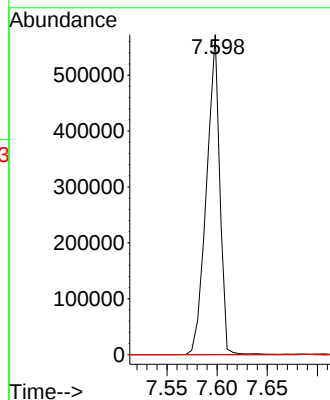
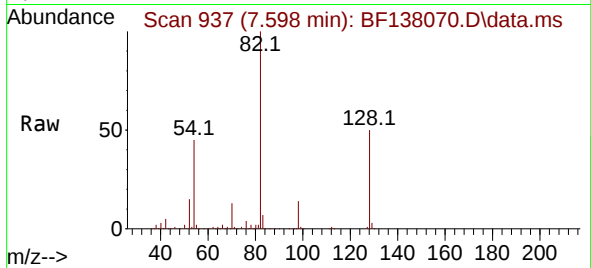




#25
Isophorone
Concen: 54.551 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

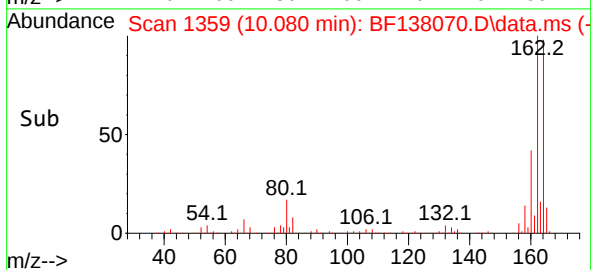
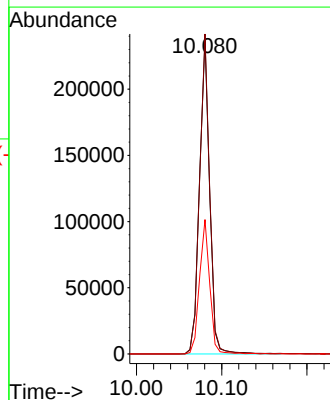
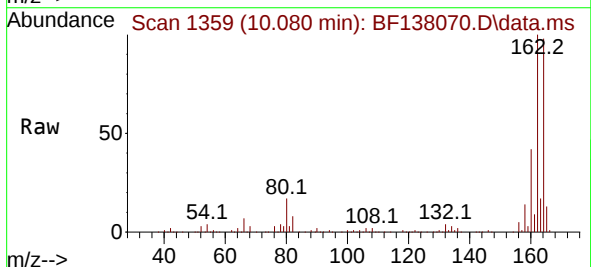
Instrument :
BNA_F
ClientSampleId :
VNJ-203

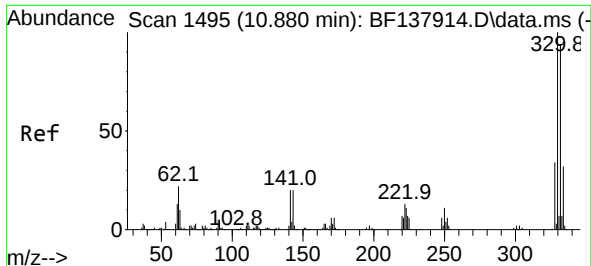
Tgt Ion: 82 Resp: 529972
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion:164 Resp: 197651
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 42.7 33.1 49.7

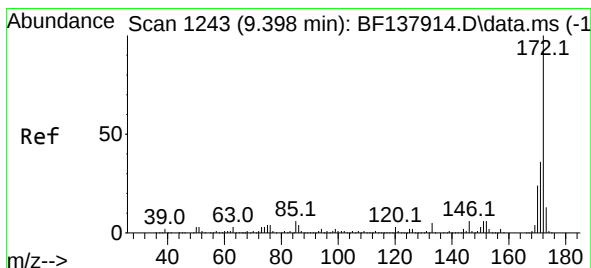
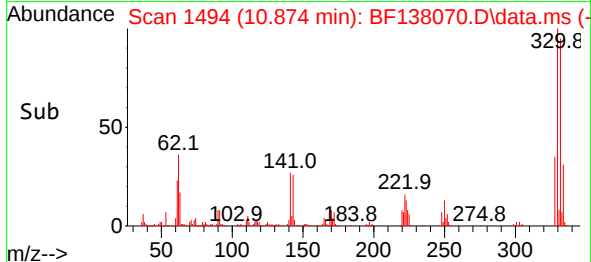
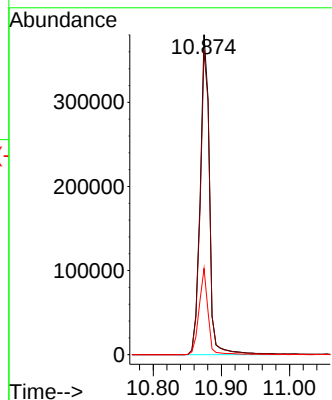
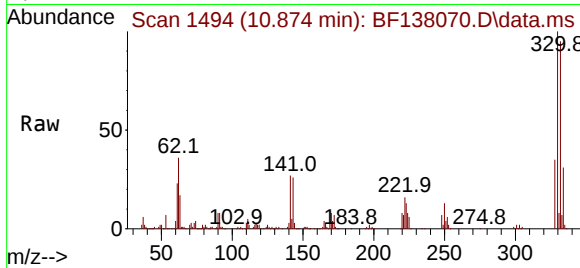




#42
2,4,6-Tribromophenol
Concen: 180.527 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

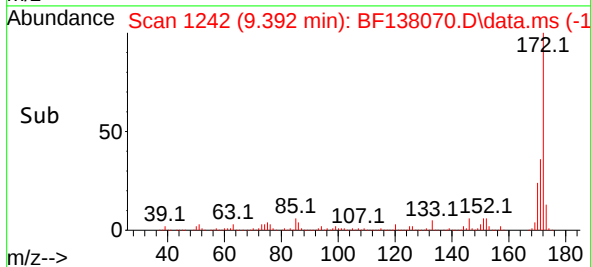
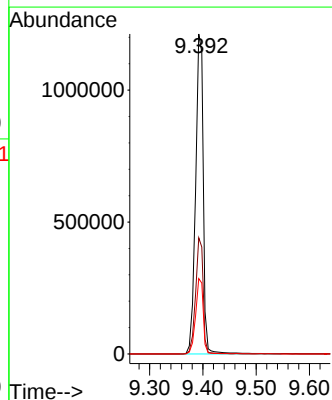
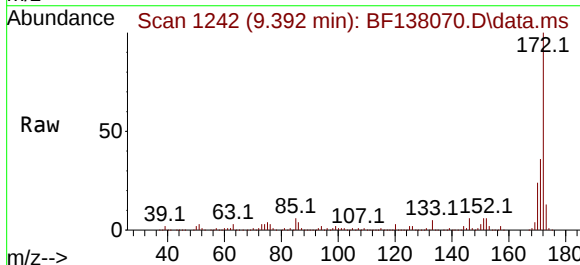
Instrument :
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ClientSampleId :
VNJ-203

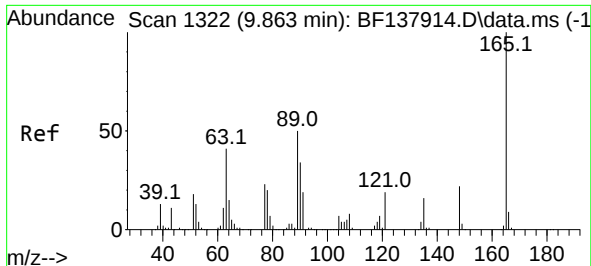
Tgt Ion:330 Resp: 359774
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.8
141 26.1 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 94.985 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion:172 Resp: 1218781
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 23.6 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.963 ng

RT: 10.080 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF138070.D

Acq: 30 May 2024 12:33

Instrument :

BNA_F

ClientSampleId :

VNJ-203

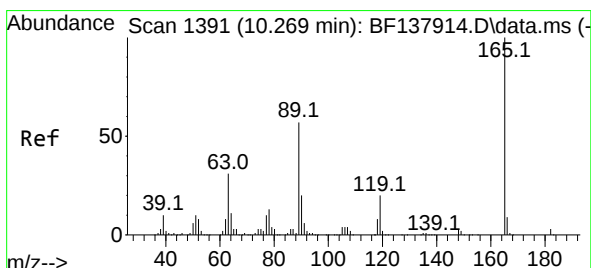
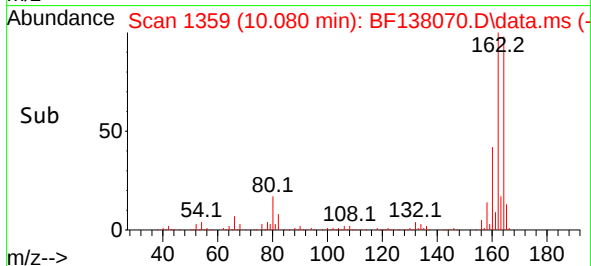
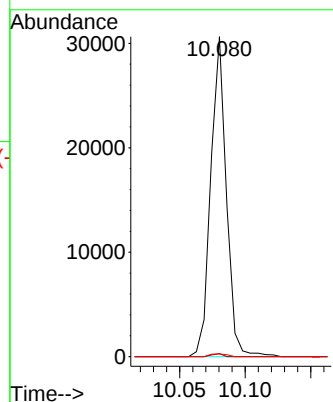
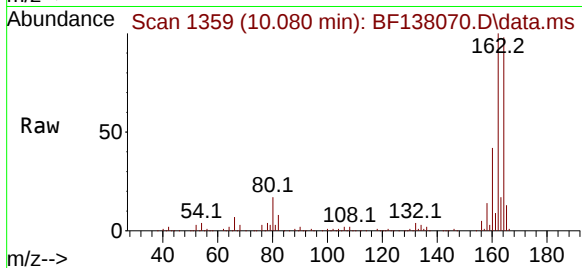
Tgt Ion:165 Resp: 25498

Ion Ratio Lower Upper

165 100

63 1.0 38.9 58.3#

89 0.8 40.4 60.6#



#57

2,4-Dinitrotoluene

Concen: 6.932 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.188 min

Lab File: BF138070.D

Acq: 30 May 2024 12:33

Tgt Ion:165 Resp: 25493

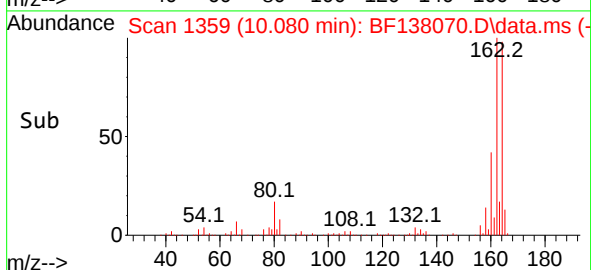
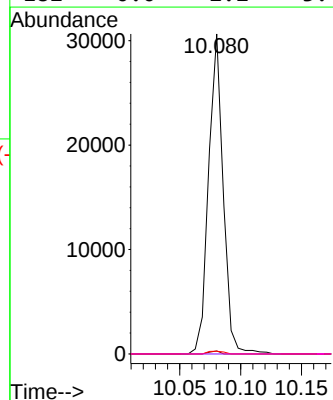
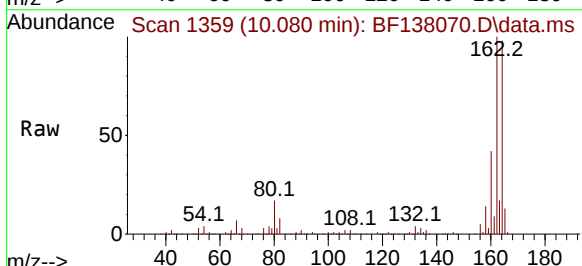
Ion Ratio Lower Upper

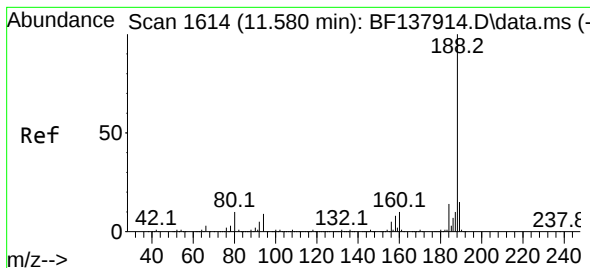
165 100

63 1.0 25.3 37.9#

89 0.8 45.9 68.9#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138070.D

Acq: 30 May 2024 12:33

Instrument :

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ClientSampleId :

VNJ-203

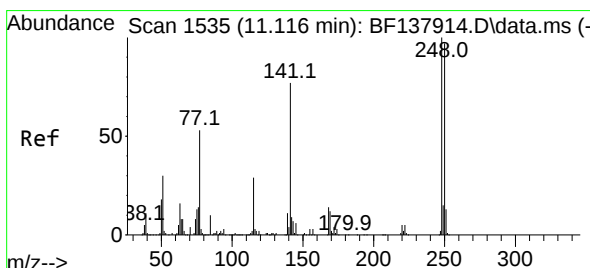
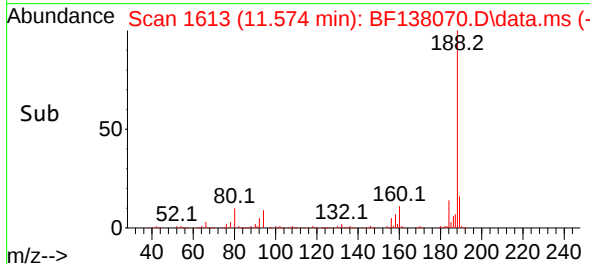
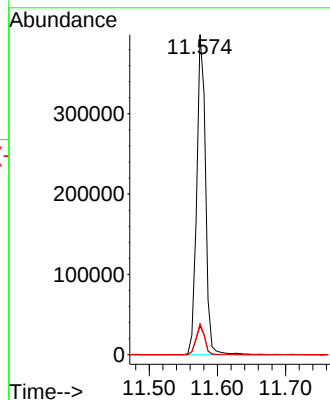
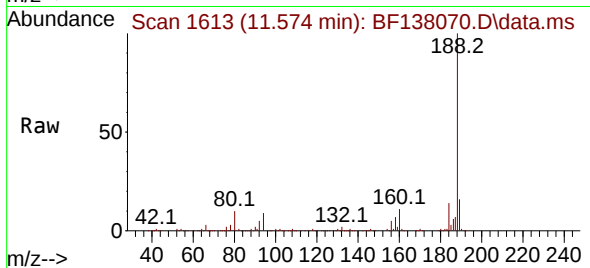
Tgt Ion:188 Resp: 357085

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.7 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 5.760 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138070.D

Acq: 30 May 2024 12:33

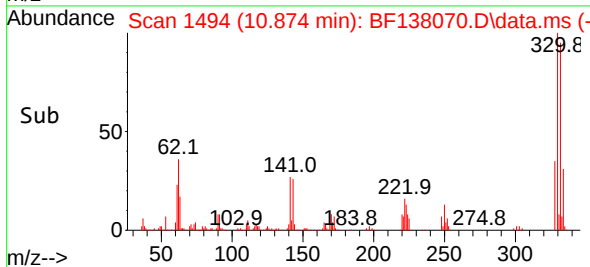
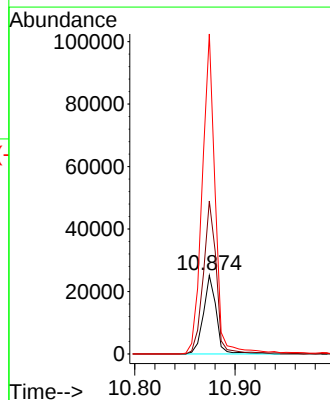
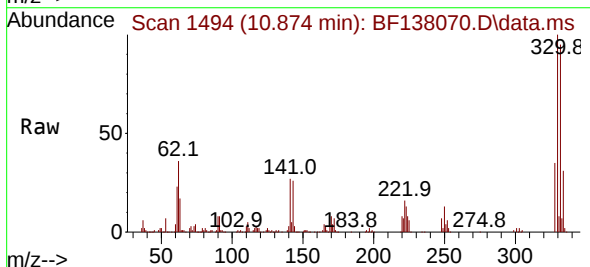
Tgt Ion:248 Resp: 22547

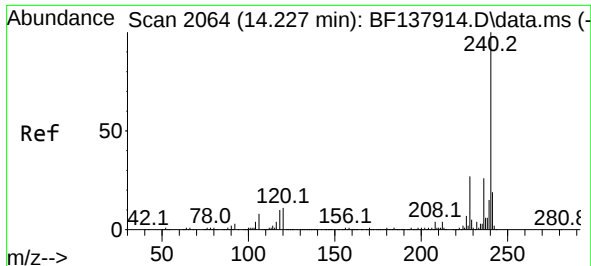
Ion Ratio Lower Upper

248 100

250 194.7 77.6 116.4#

141 407.1 61.4 92.2#

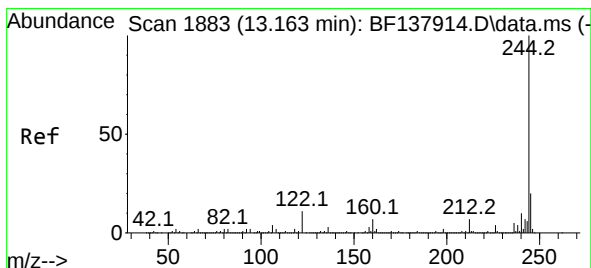
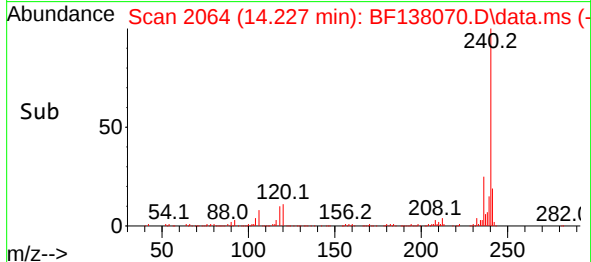
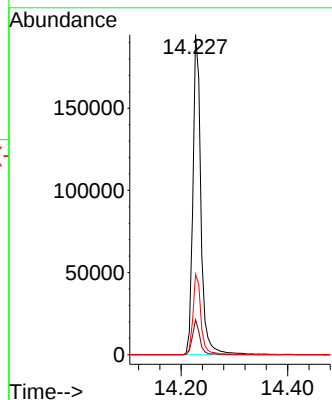
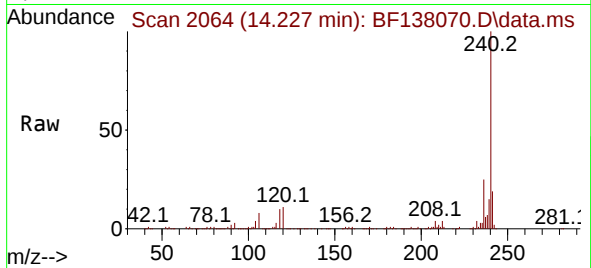




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

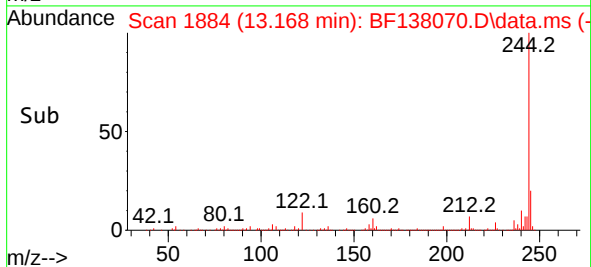
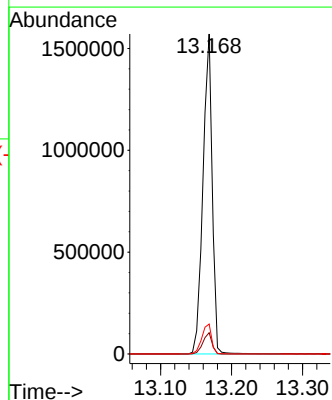
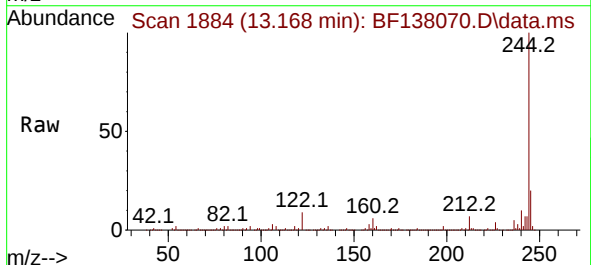
Instrument :
BNA_F
ClientSampleId :
VNJ-203

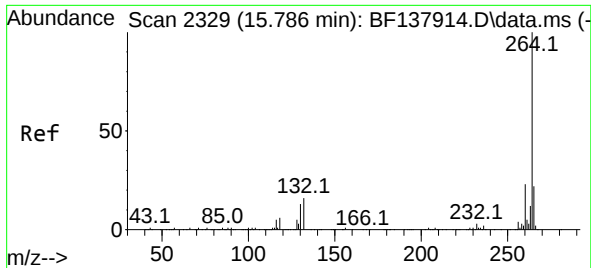
Tgt Ion:240 Resp: 204601
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.1 21.0 31.4



#79
Terphenyl-d14
Concen: 102.768 ng
RT: 13.168 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion:244 Resp: 1426682
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 9.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF138070.D
 Acq: 30 May 2024 12:33

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

Tgt Ion:264 Resp: 163326
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.3 27.5
 265 21.2 17.6 26.4

