

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124742.D
 Acq On : 24 Jul 2021 12:14
 Operator : JU/CG
 Sample : M3144-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-205

Quant Time: Jul 25 04:27:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

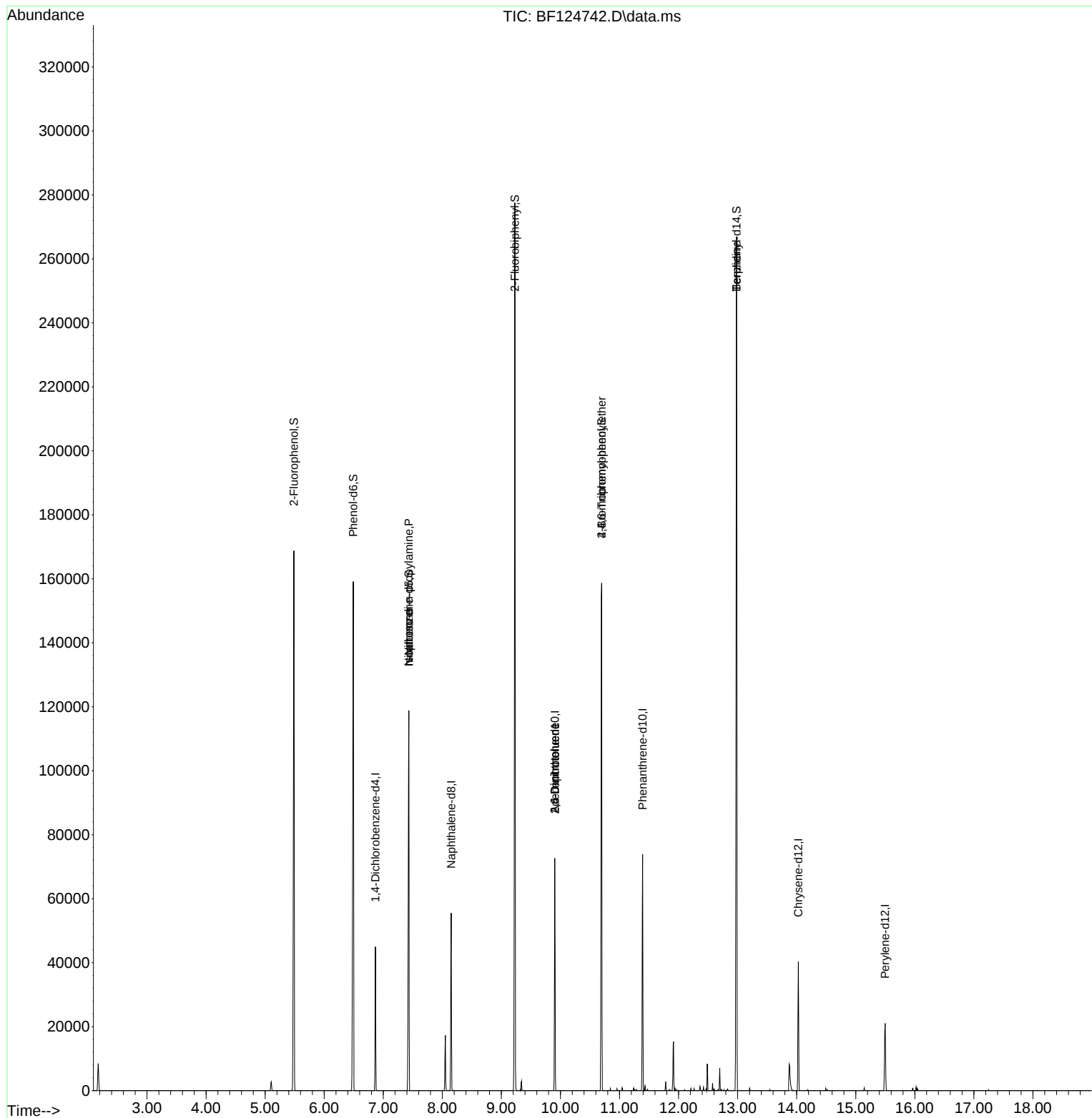
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5840	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	24068	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	13938	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	26772	20.000	ng	0.00
76) Chrysene-d12	14.027	240	14023	20.000	ng	#-0.01
86) Perylene-d12	15.498	264	11386	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	47577	137.937	ng	0.00
7) Phenol-d6	6.493	99	56597	130.888	ng	0.00
23) Nitrobenzene-d5	7.434	82	35667	88.201	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	17024	142.256	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	83470	87.958	ng	0.00
79) Terphenyl-d14	12.980	244	94581	115.614	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	4672	20.234	ng	# 69
25) Isophorone	7.434	82	35667	49.881	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1789	8.438	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1789	6.218	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1285	4.526	ng	# 1
77) Benzidine	12.980	184	1375	3.477	ng	# 69

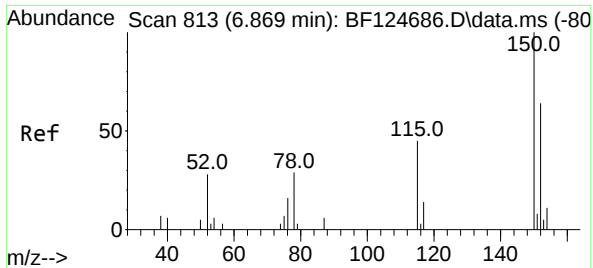
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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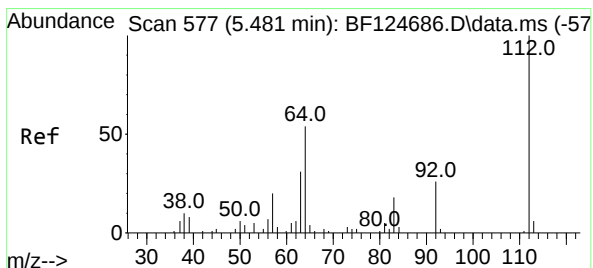
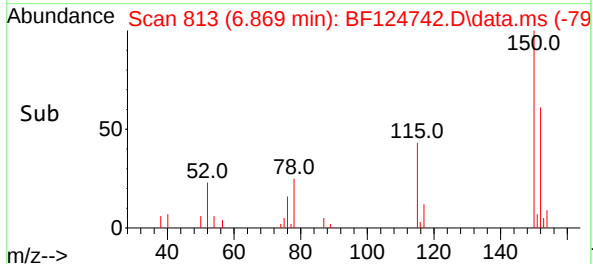
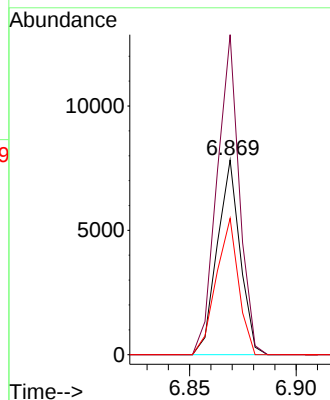
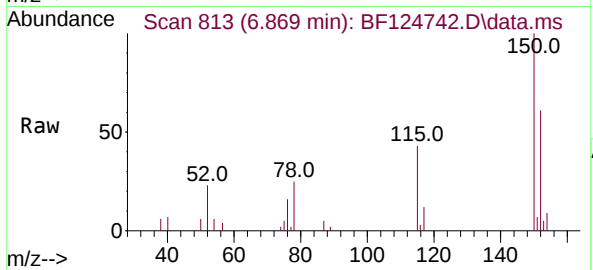




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

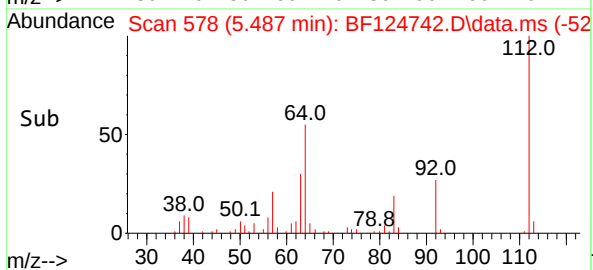
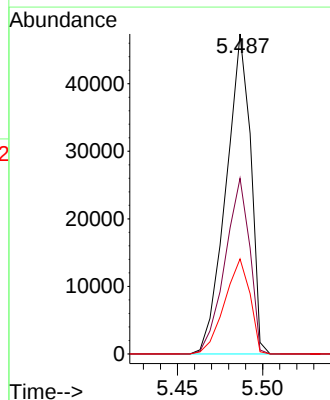
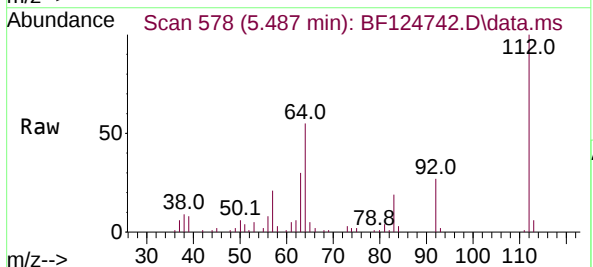
Instrument :
BNA_F
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VNJ-205

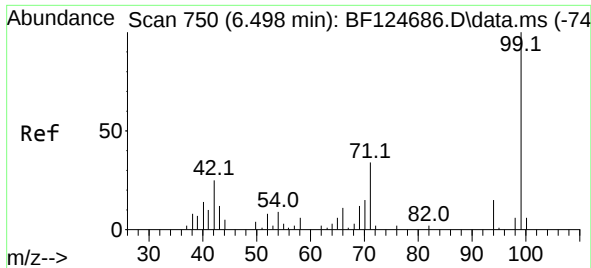
Tgt Ion:152 Resp: 5840
Ion Ratio Lower Upper
152 100
150 164.4 117.6 176.4
115 70.0 47.1 70.7



#5
2-Fluorophenol
Concen: 137.937 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

Tgt Ion:112 Resp: 47577
Ion Ratio Lower Upper
112 100
64 54.9 44.2 66.2
63 29.7 26.2 39.2

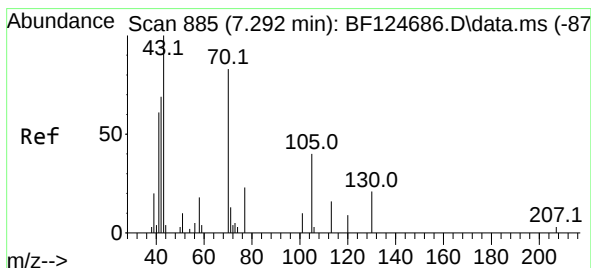
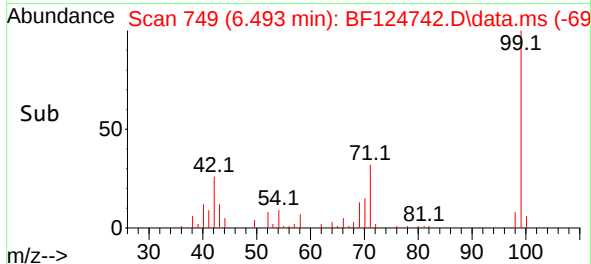
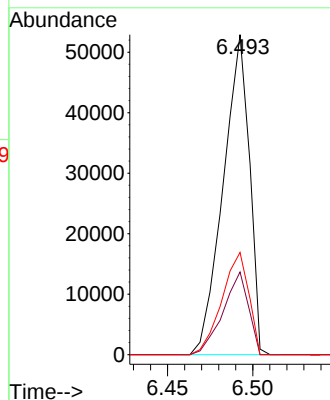
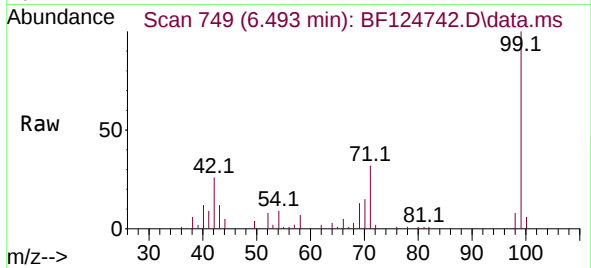




#7
Phenol-d6
Concen: 130.888 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

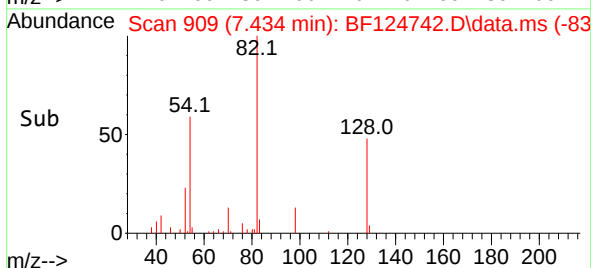
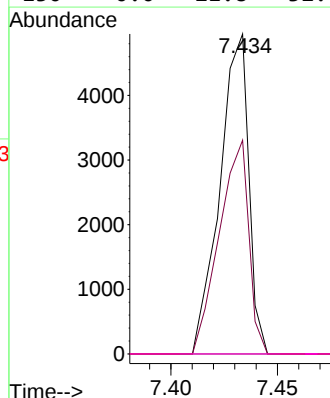
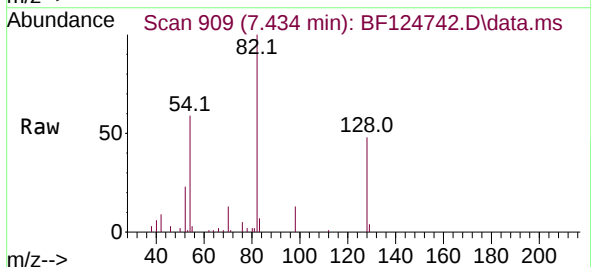
Instrument :
BNA_F
ClientSampleId :
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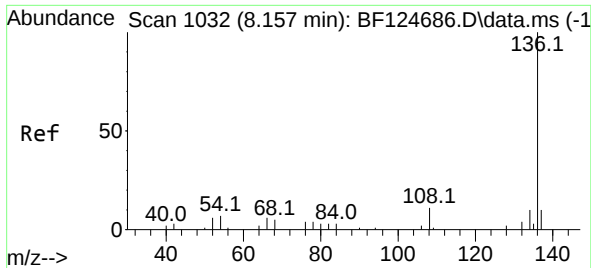
Tgt Ion:	99	Resp:	56597
Ion	Ratio	Lower	Upper
99	100		
42	25.9	23.5	35.3
71	31.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.234 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

Tgt Ion:	70	Resp:	4672
Ion	Ratio	Lower	Upper
70	100		
42	66.8	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

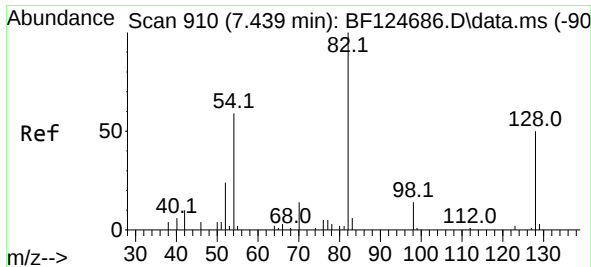
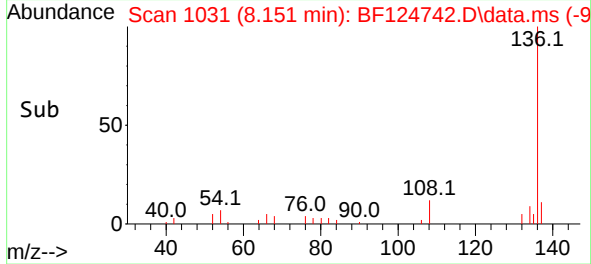
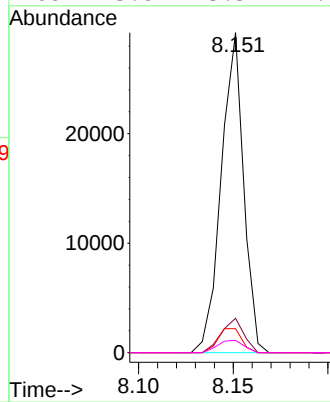
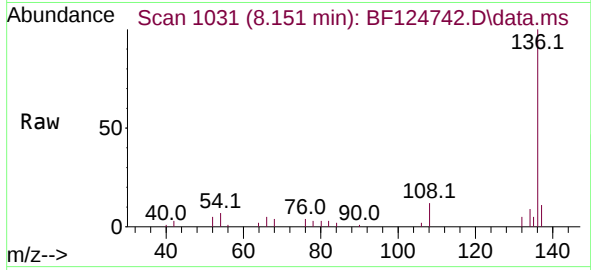




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

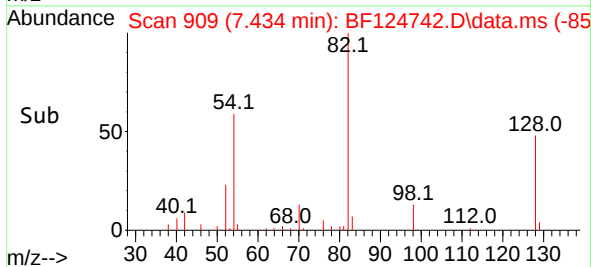
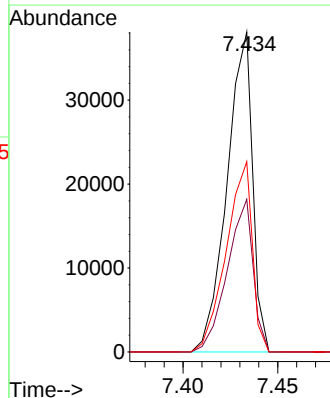
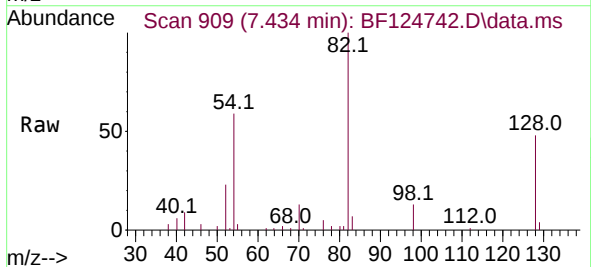
Instrument :
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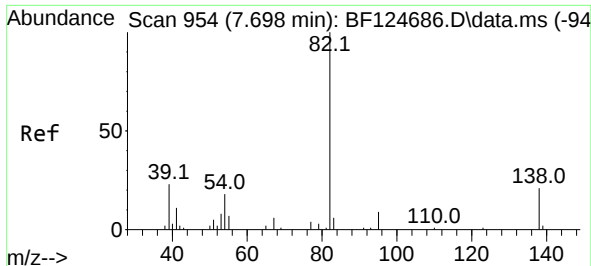
Tgt Ion:	136	Resp:	24068
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	7.5	6.4	9.6
68	3.8	3.3	4.9



#23
Nitrobenzene-d5
Concen: 88.201 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

Tgt Ion:	82	Resp:	35667
Ion Ratio	Lower	Upper	
82	100		
128	47.7	40.6	60.8
54	59.5	49.6	74.4

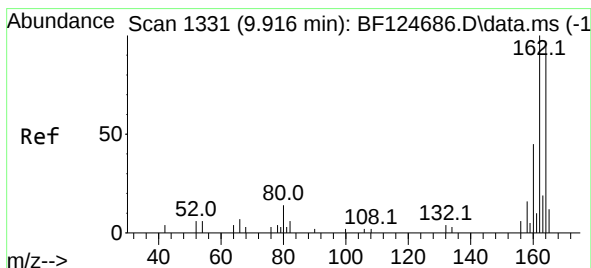
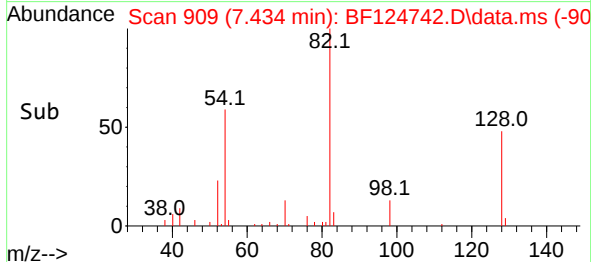
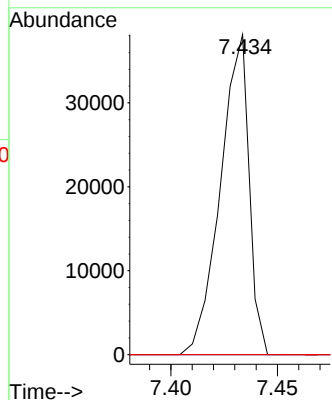
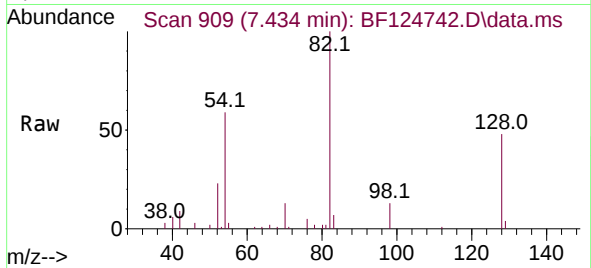




#25
Isophorone
Concen: 49.881 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

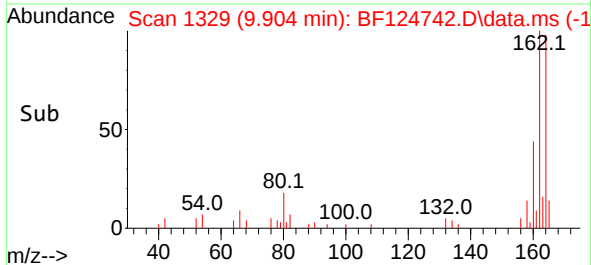
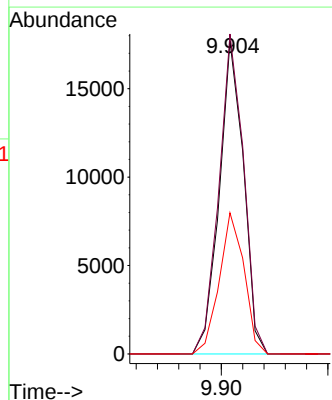
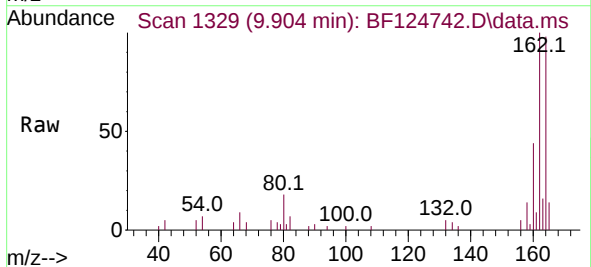
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VNJ-205

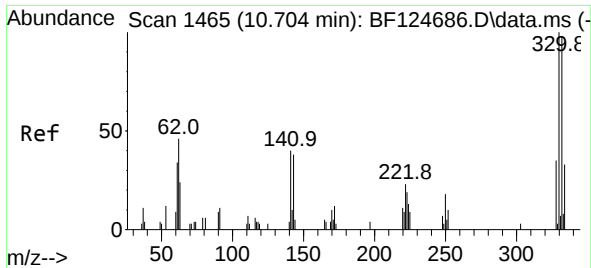
Tgt Ion: 82 Resp: 35667
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

Tgt Ion:164 Resp: 13938
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.1 38.0 57.0

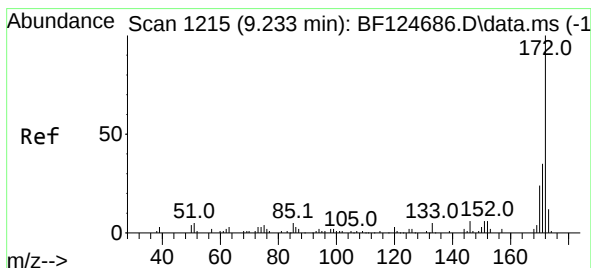
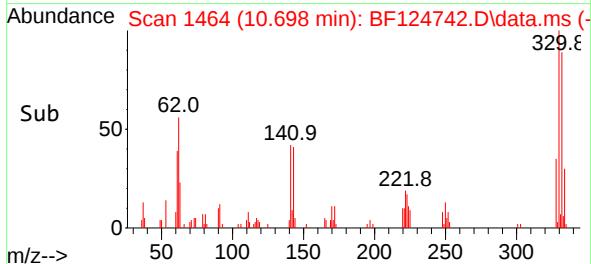
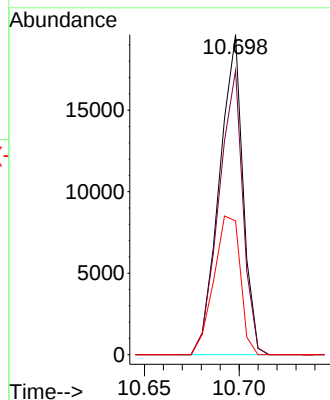
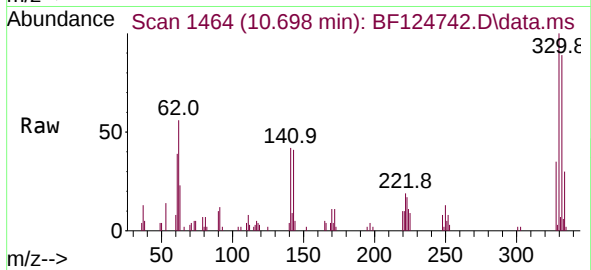




#42
2,4,6-Tribromophenol
Concen: 142.256 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

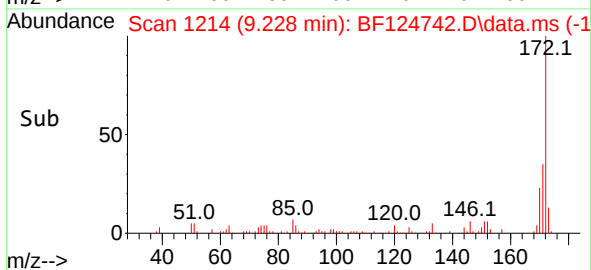
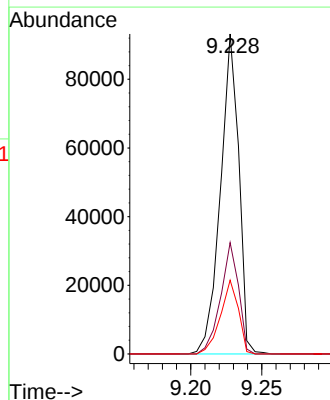
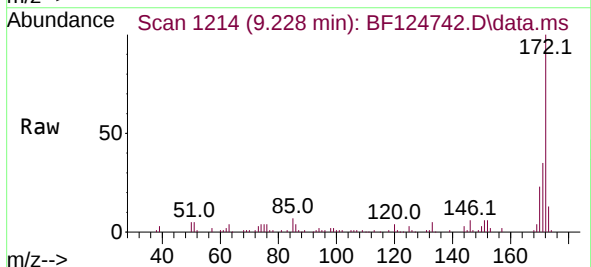
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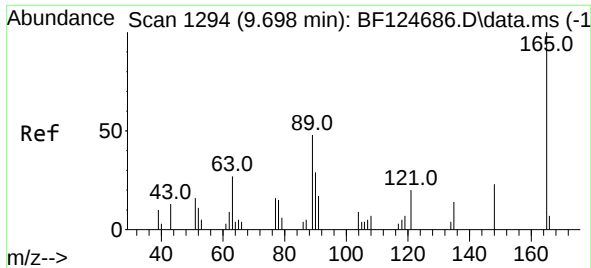
Tgt Ion: 330 Resp: 17024
Ion Ratio Lower Upper
330 100
332 90.5 76.2 114.4
141 48.7 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 87.958 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

Tgt Ion: 172 Resp: 83470
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.1 18.8 28.2

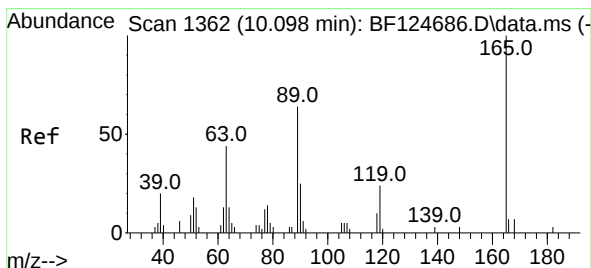
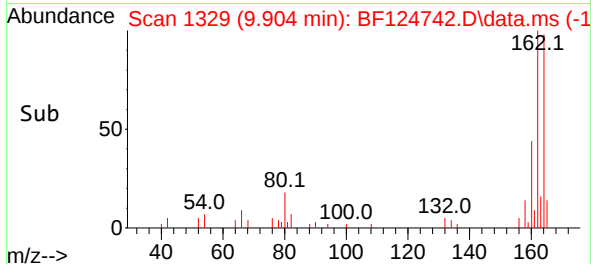
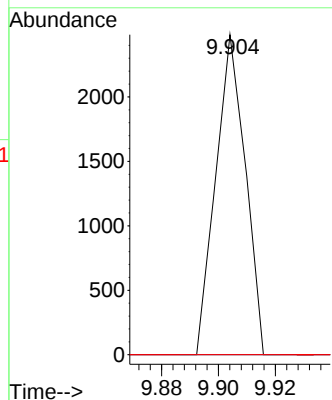
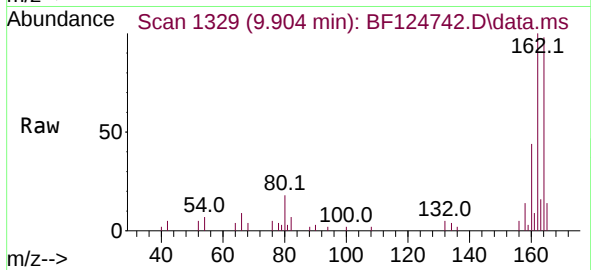




#51
2,6-Dinitrotoluene
Concen: 8.438 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

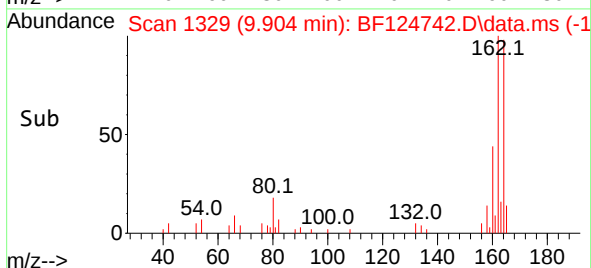
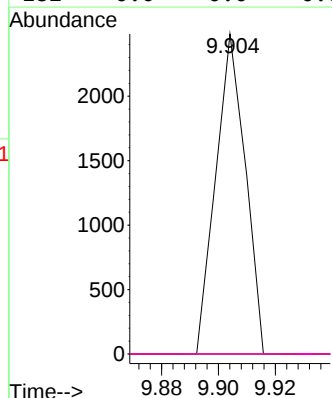
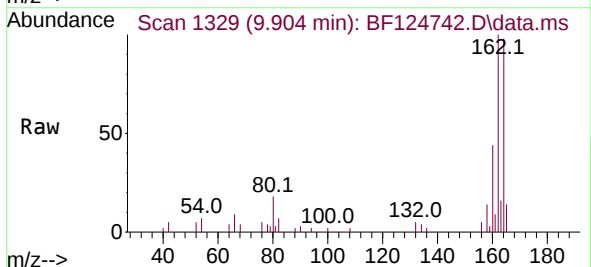
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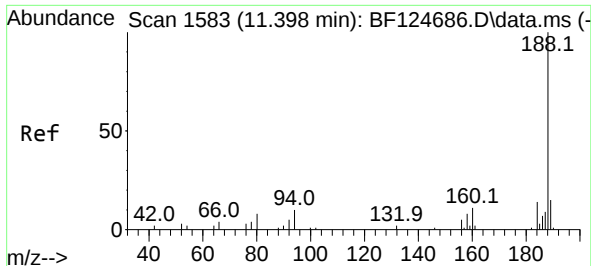
Tgt Ion:165 Resp: 1789
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.218 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

Tgt Ion:165 Resp: 1789
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

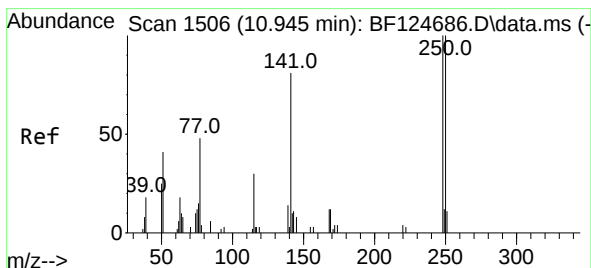
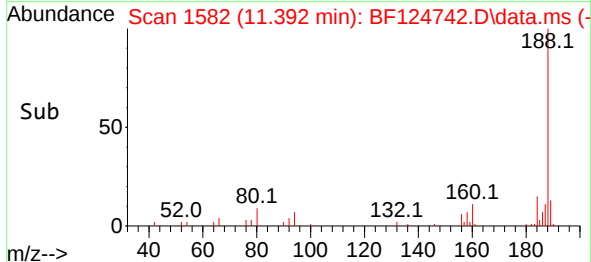
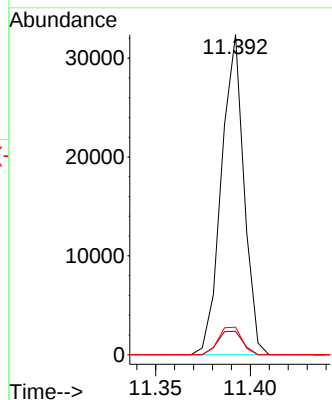
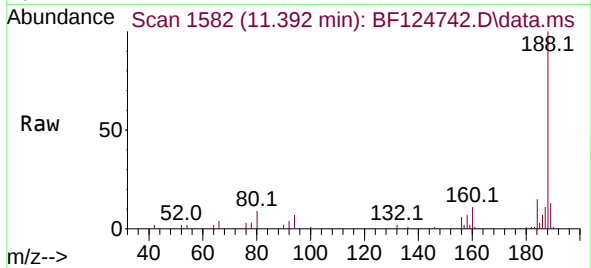




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

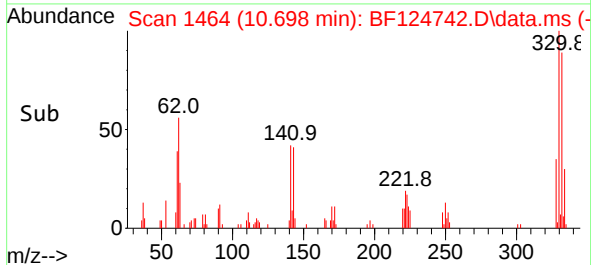
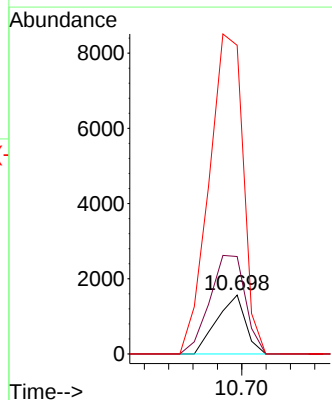
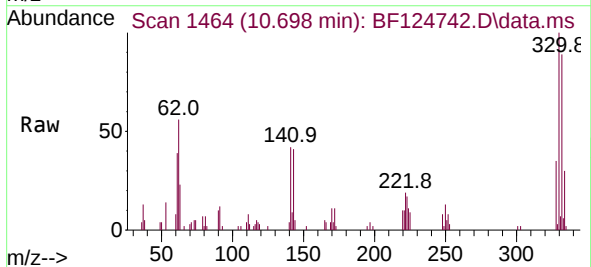
Instrument :
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VNJ-205

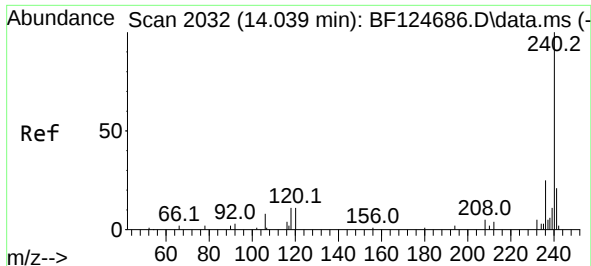
Tgt Ion:188 Resp: 26772
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.526 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

Tgt Ion:248 Resp: 1285
Ion Ratio Lower Upper
248 100
250 165.4 74.2 111.4#
141 523.5 60.4 90.6#

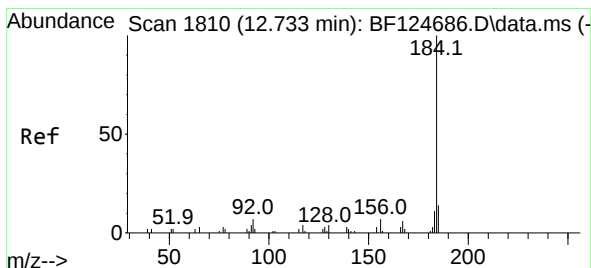
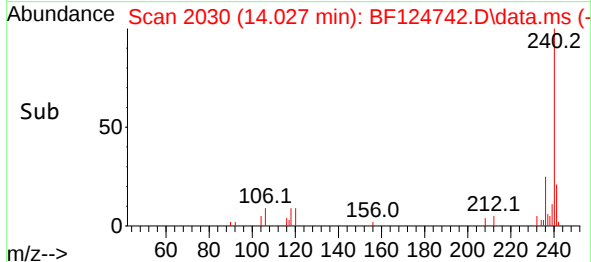
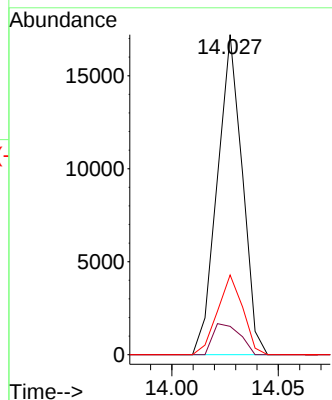
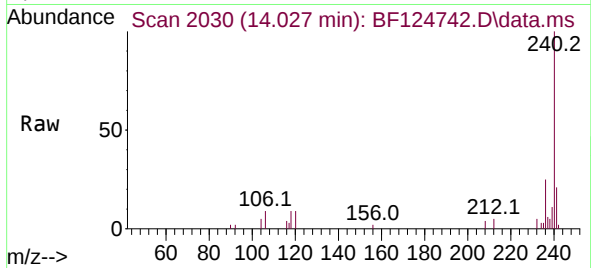




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

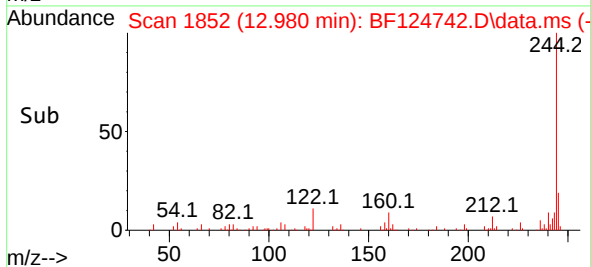
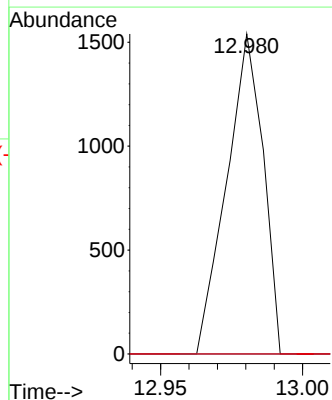
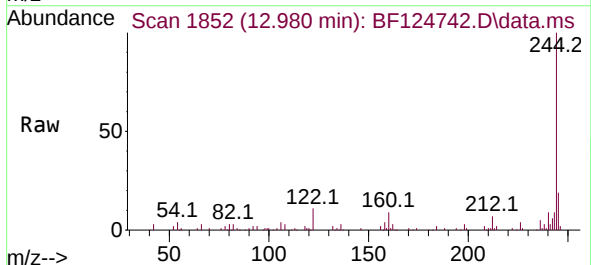
Instrument :
BNA_F
ClientSampleId :
VNJ-205

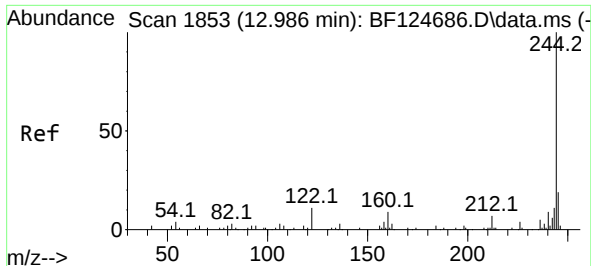
Tgt Ion:240	Resp:	14023
Ion Ratio	Lower	Upper
240	100	
120	8.8	10.8 16.2#
236	24.9	21.6 32.4



#77
Benzidine
Concen: 3.477 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

Tgt Ion:184	Resp:	1375
Ion Ratio	Lower	Upper
184	100	
185	0.0	10.8 16.2#
183	0.0	8.1 12.1#

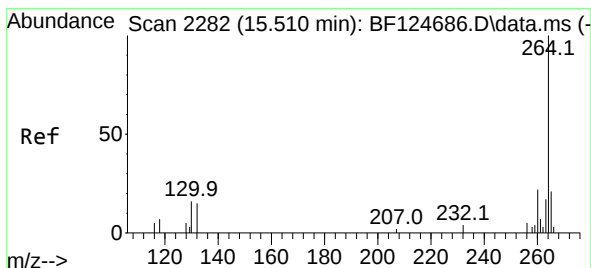
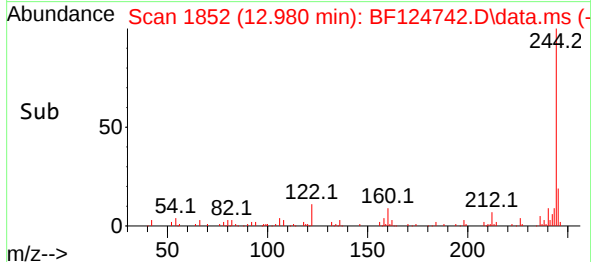
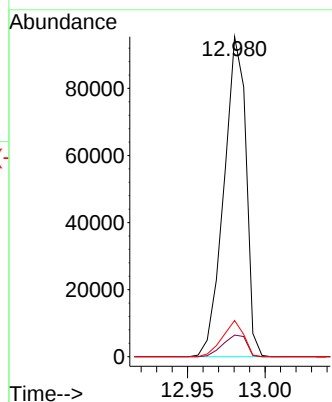
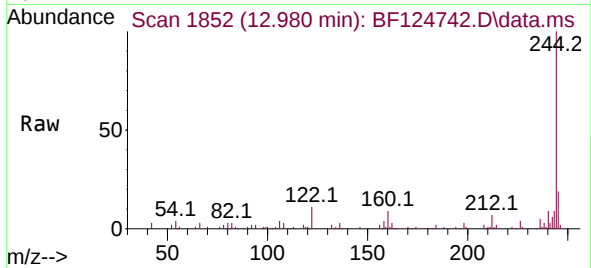




#79
Terphenyl-d14
Concen: 115.614 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

Instrument :
BNA_F
ClientSampleId :
VNJ-205

Tgt Ion:244 Resp: 94581
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124742.D
Acq: 24 Jul 2021 12:14

Tgt Ion:264 Resp: 11386
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 23.6 17.2 25.8

