

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127331.D
 Acq On : 15 Mar 2022 18:44
 Operator : CG\JU
 Sample : N1890-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Time: Mar 16 05:30:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

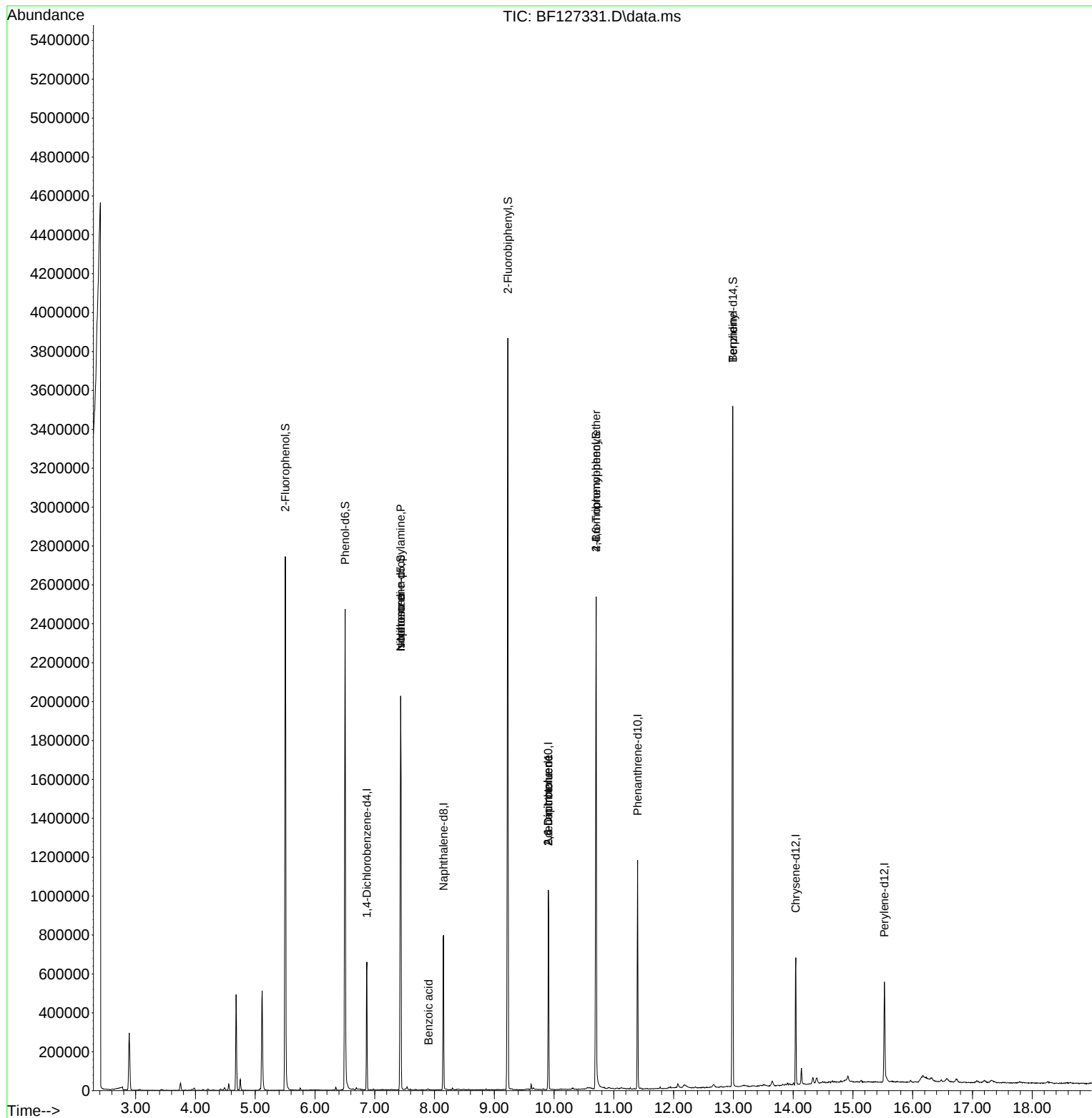
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	92860	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	348689	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	207425	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	381769	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	230232	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	222586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	687607	119.036	ng	0.01
7) Phenol-d6	6.504	99	861031	108.355	ng	0.00
23) Nitrobenzene-d5	7.433	82	727283	86.138	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	313036	140.192	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1234358	84.133	ng	0.00
79) Terphenyl-d14	12.992	244	1418060	106.059	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	130	Below Cal	#	40
19) n-Nitroso-di-n-propyla...	7.433	70	101135	20.395	ng	# 88
25) Isophorone	7.433	82	727266	53.568	ng	# 69
32) Benzoic acid	7.898	122	544	6.759	ng	87
51) 2,6-Dinitrotoluene	9.904	165	26657	8.866	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	26657	6.739	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	20771	4.513	ng	# 1
77) Benzidine	12.992	184	17771	3.035	ng	97

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

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QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

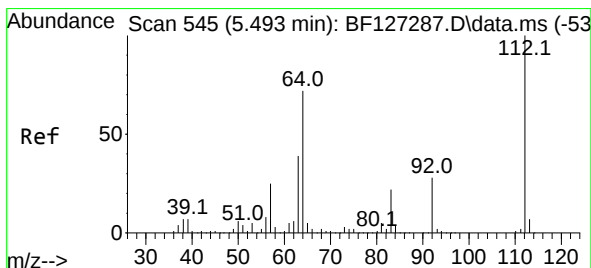
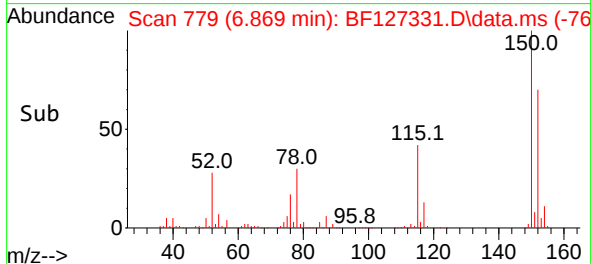
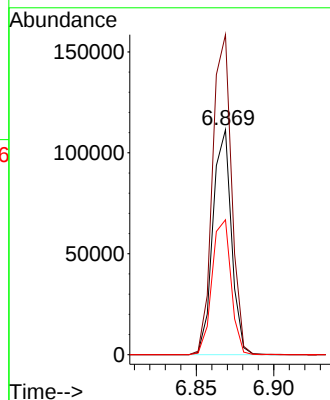
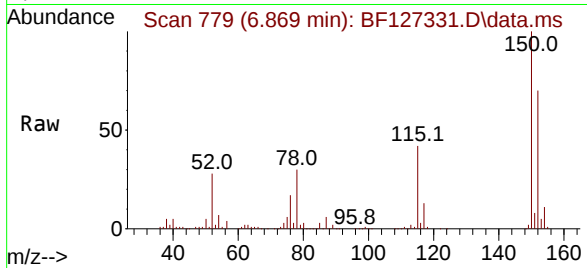




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

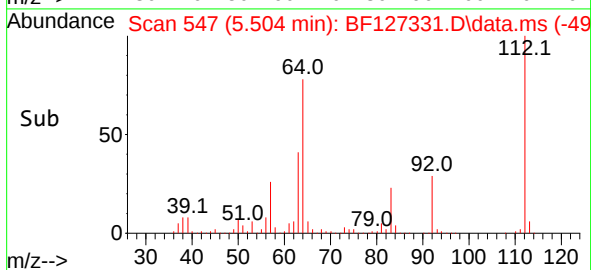
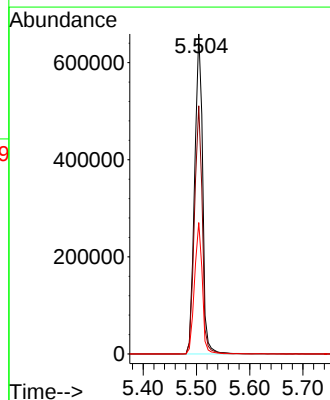
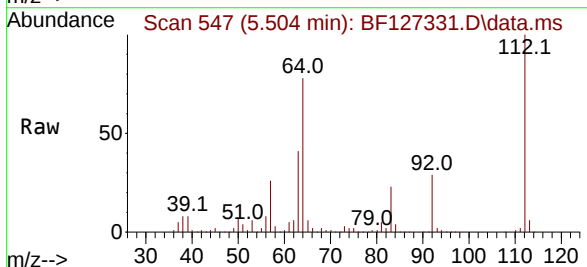
Instrument :
BNA_F
ClientSampleId :
VNJ-232

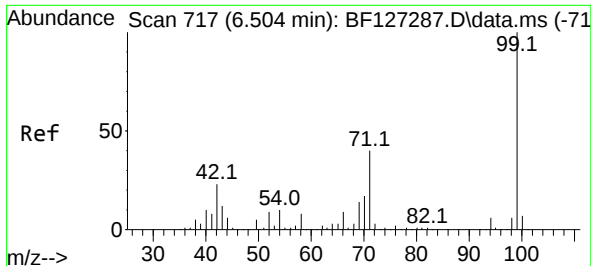
Tgt Ion:152 Resp: 92860
Ion Ratio Lower Upper
152 100
150 142.2 128.1 192.1
115 59.9 56.7 85.1



#5
2-Fluorophenol
Concen: 119.036 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

Tgt Ion:112 Resp: 687607
Ion Ratio Lower Upper
112 100
64 77.5 49.5 74.3#
63 41.0 23.9 35.9#

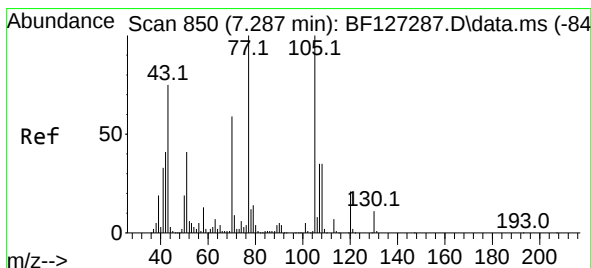
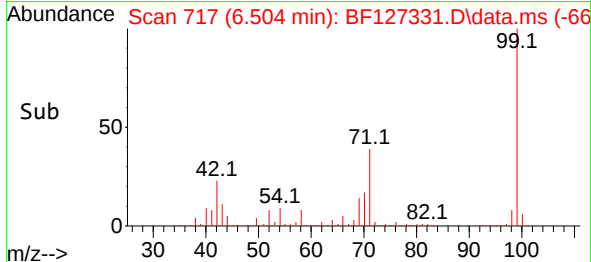
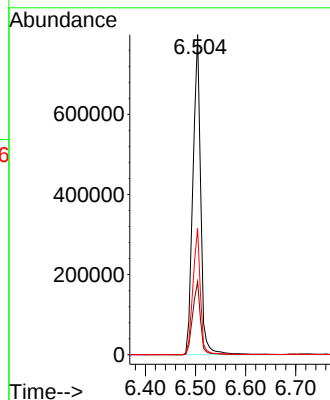
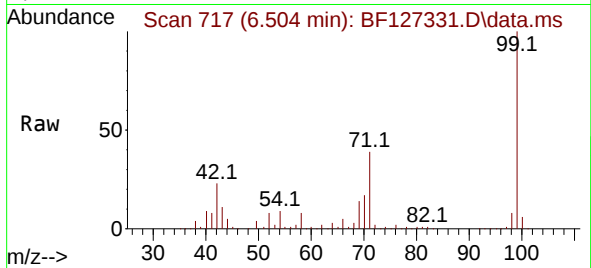




#7
Phenol-d6
Concen: 108.355 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

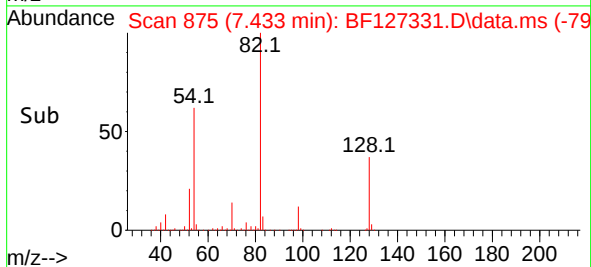
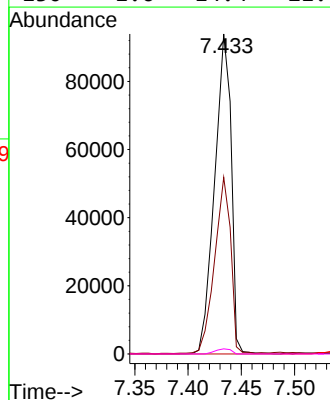
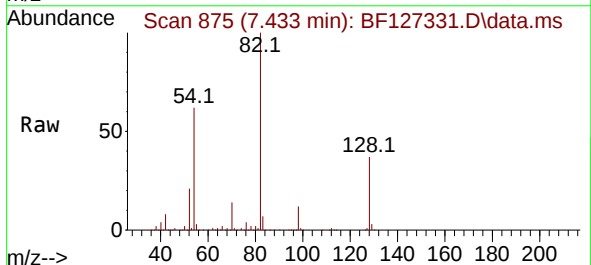
Instrument :
BNA_F
ClientSampleId :
VNJ-232

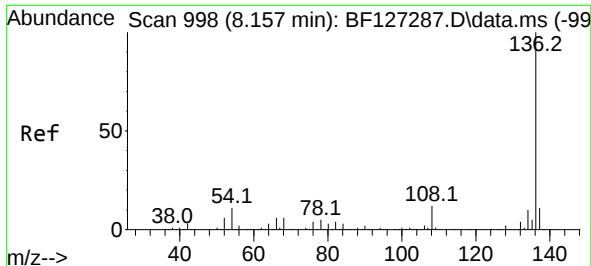
Tgt Ion: 99 Resp: 861031
Ion Ratio Lower Upper
99 100
42 22.8 14.2 21.4#
71 39.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 20.395 ng
RT: 7.433 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

Tgt Ion: 70 Resp: 101135
Ion Ratio Lower Upper
70 100
42 55.2 45.8 68.8
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

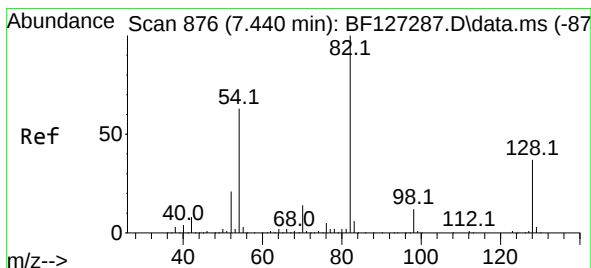
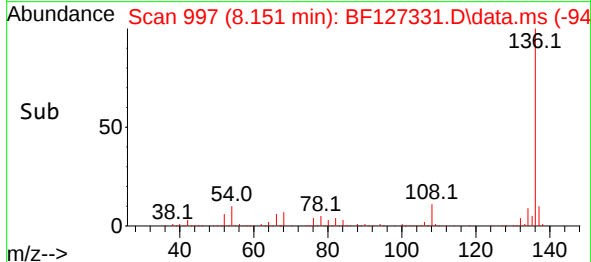
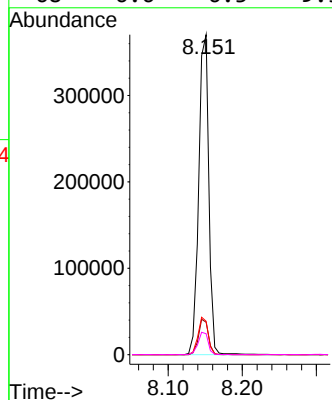
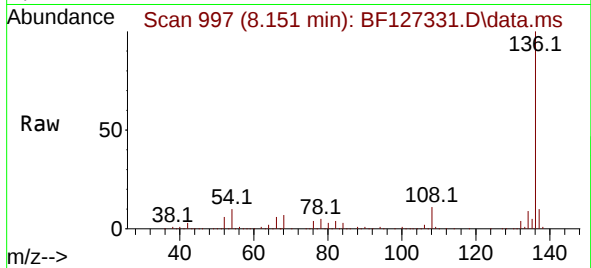




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

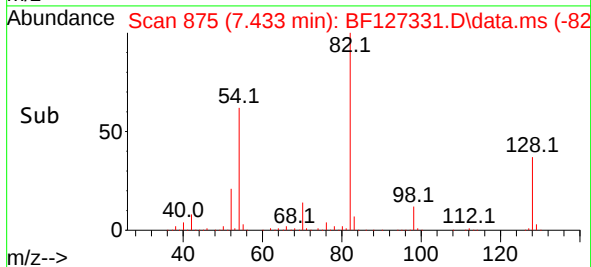
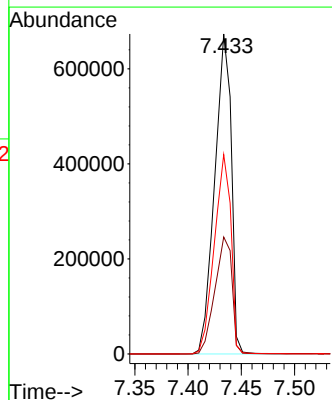
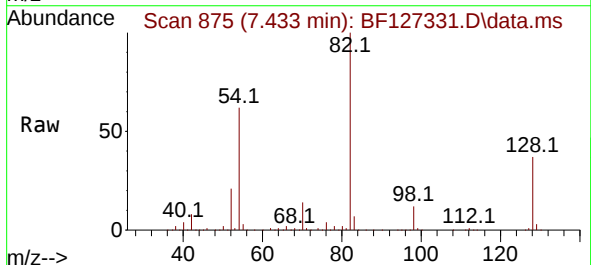
Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt	Ion:136	Resp:	348689
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	13.0
54	10.5	7.8	11.6
68	6.6	6.3	9.5



#23
Nitrobenzene-d5
Concen: 86.138 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

Tgt Ion: 82	Resp: 727283
Ion Ratio	Lower Upper
82 100	
128 36.6	32.7 49.1
54 62.3	41.7 62.5

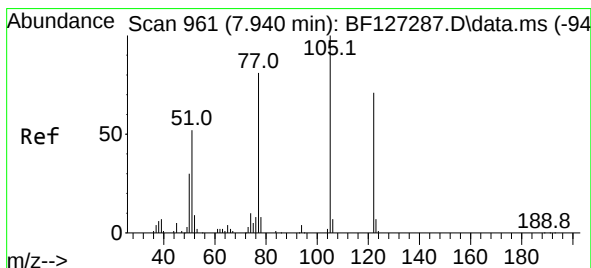
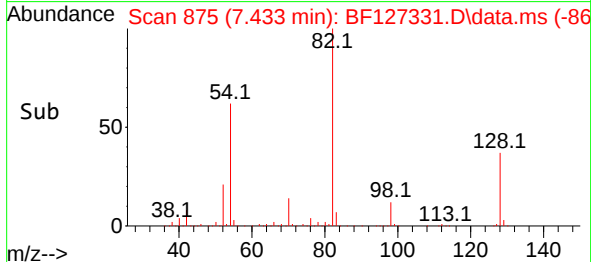
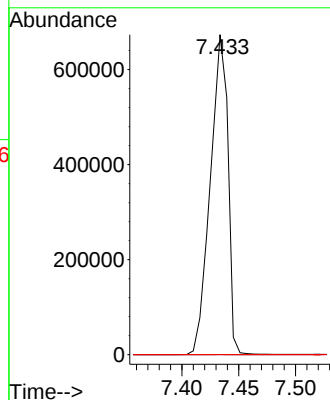
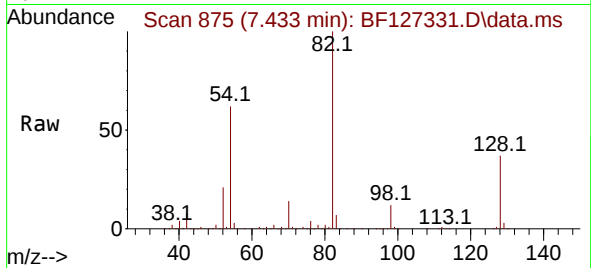




#25
Isophorone
Concen: 53.568 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

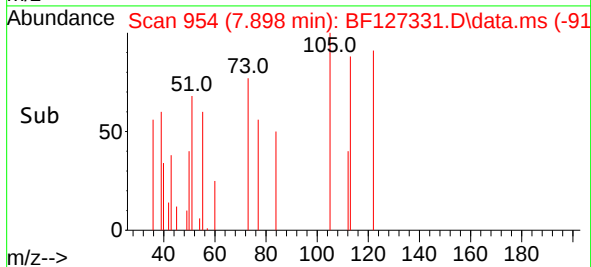
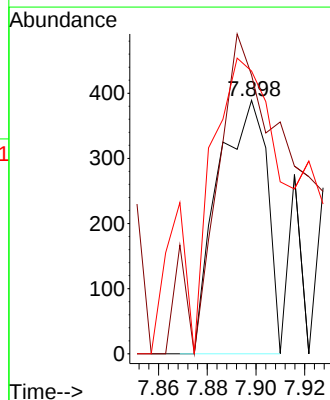
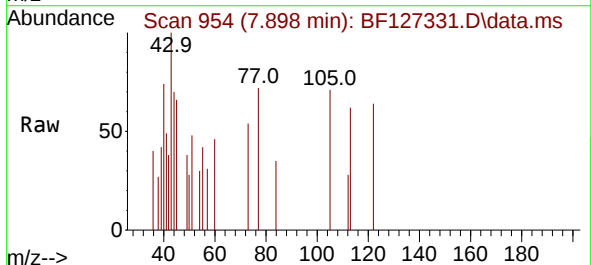
Instrument :
BNA_F
ClientSampleId :
VNJ-232

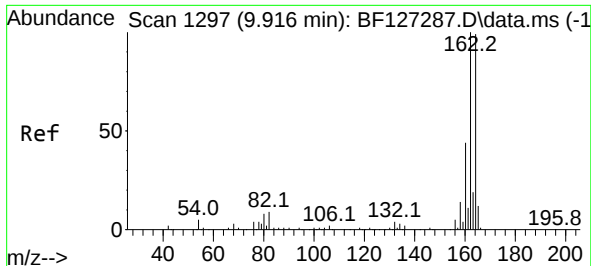
Tgt Ion: 82 Resp: 727266
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 6.759 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.042 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

Tgt Ion:122 Resp: 544
Ion Ratio Lower Upper
122 100
105 110.0 101.0 141.0
77 111.6 74.5 114.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127331.D

Acq: 15 Mar 2022 18:44

Instrument :

BNA_F

ClientSampleId :

VNJ-232

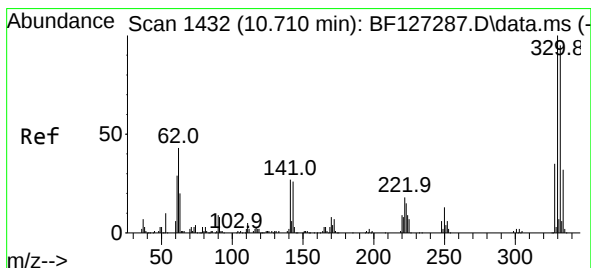
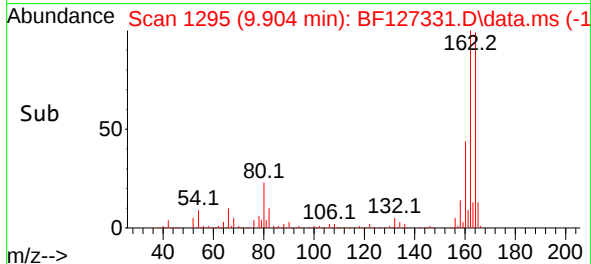
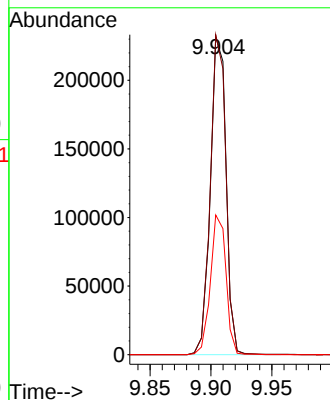
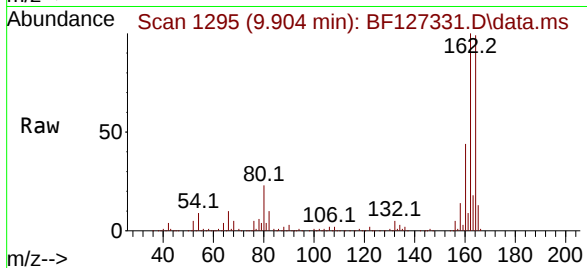
Tgt Ion:164 Resp: 207425

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

160 44.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 140.192 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF127331.D

Acq: 15 Mar 2022 18:44

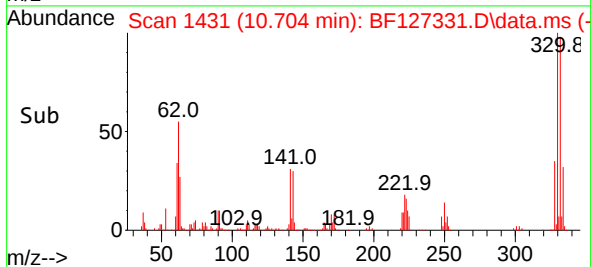
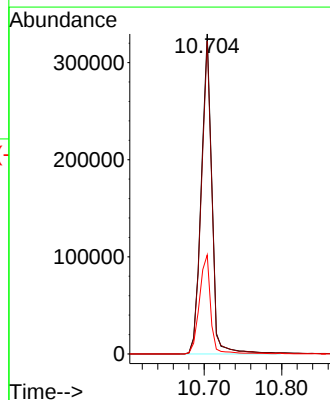
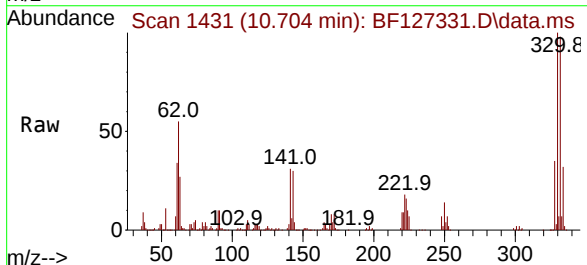
Tgt Ion:330 Resp: 313036

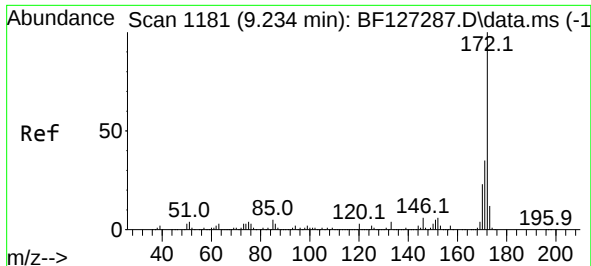
Ion Ratio Lower Upper

330 100

332 98.1 76.0 114.0

141 33.0 30.1 45.1

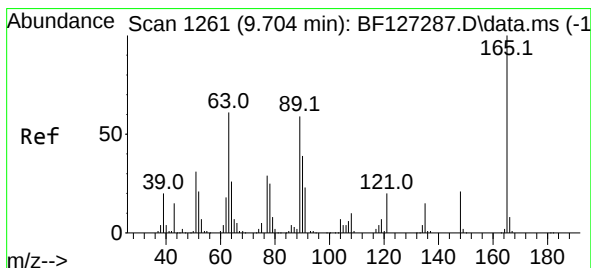
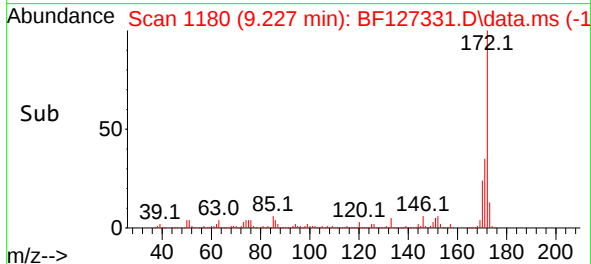
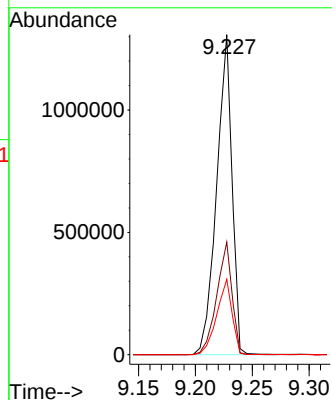
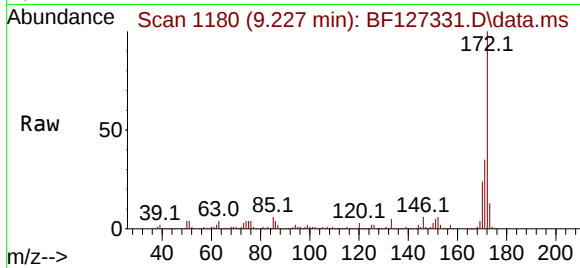




#45
2-Fluorobiphenyl
Concen: 84.133 ng
RT: 9.227 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

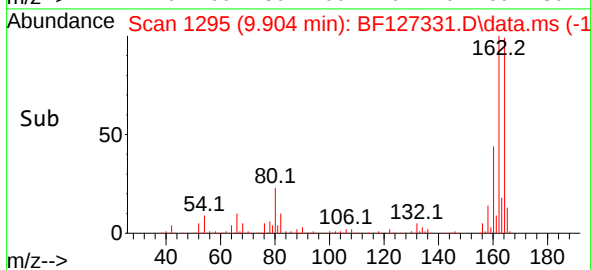
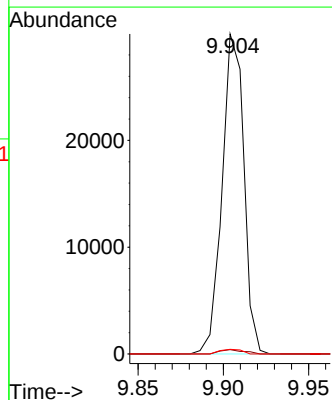
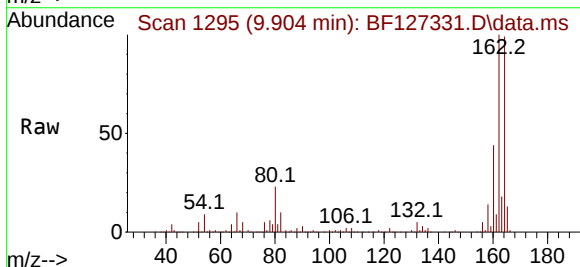
Instrument :
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VNJ-232

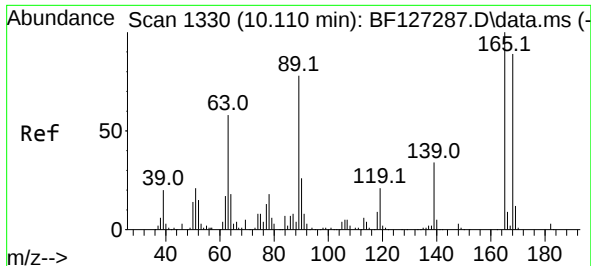
Tgt Ion:172 Resp: 1234358
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.6 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.866 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

Tgt Ion:165 Resp: 26657
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.5 50.5 75.7#

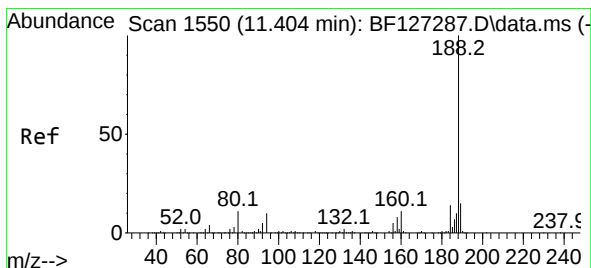
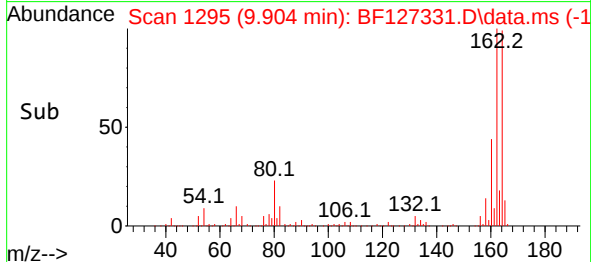
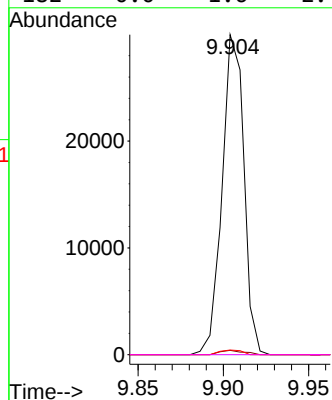
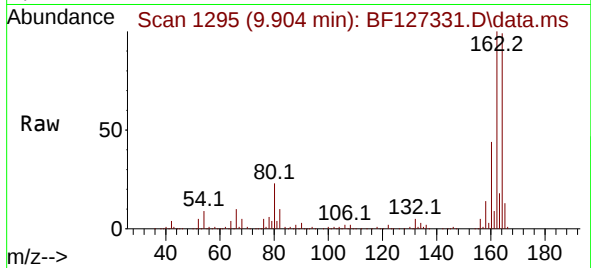




#57
2,4-Dinitrotoluene
Concen: 6.739 ng
RT: 9.904 min Scan# 1549
Delta R.T. -0.206 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

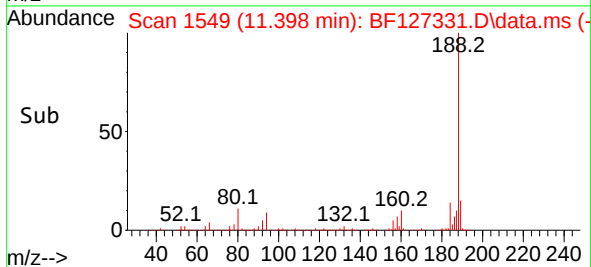
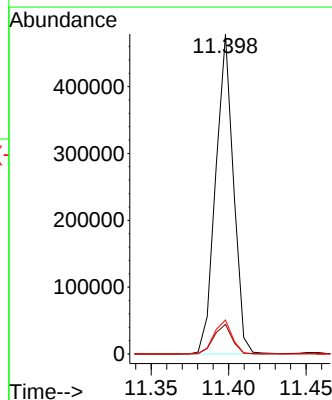
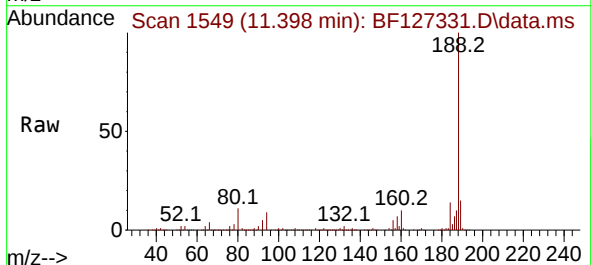
Instrument :
BNA_F
ClientSampleId :
VNJ-232

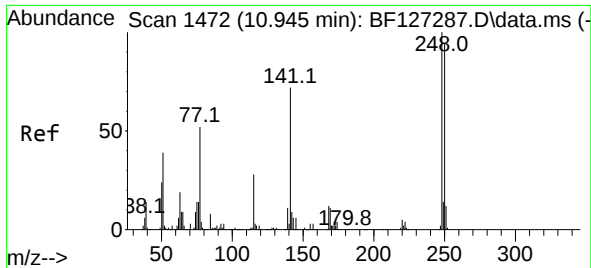
Tgt Ion:165 Resp: 26657
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

Tgt Ion:188 Resp: 381769
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.6 11.8 17.6#

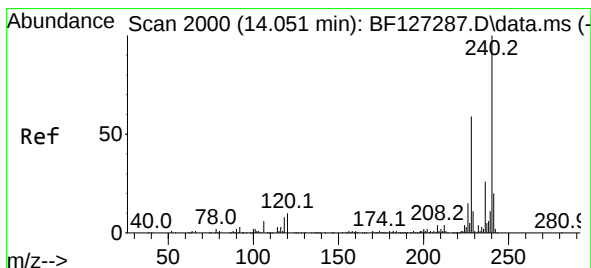
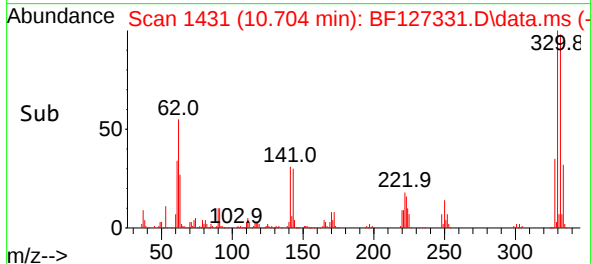
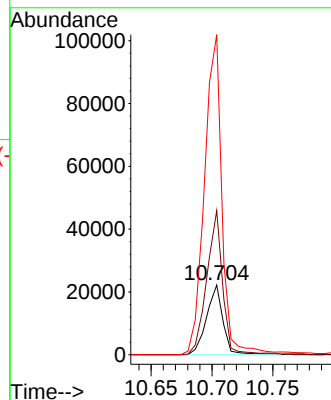
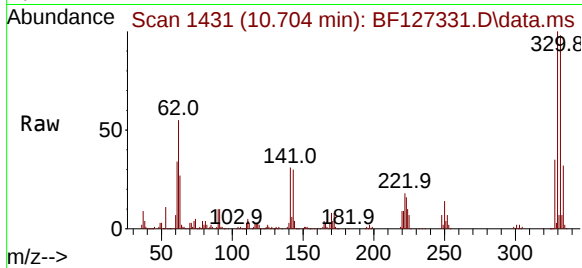




#67
4-Bromophenyl-phenylether
Concen: 4.513 ng
RT: 10.704 min Scan# 1472
Delta R.T. -0.241 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

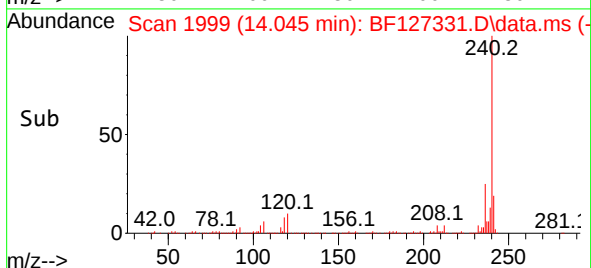
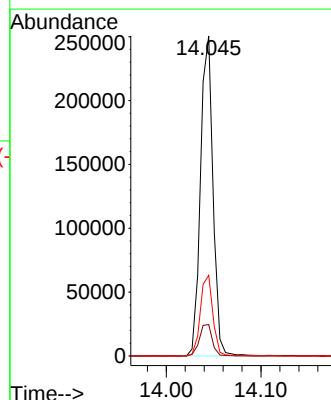
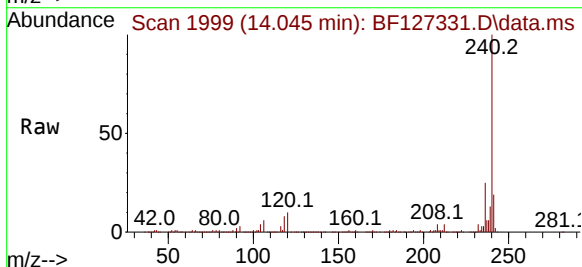
Instrument :
BNA_F
ClientSampleId :
VNJ-232

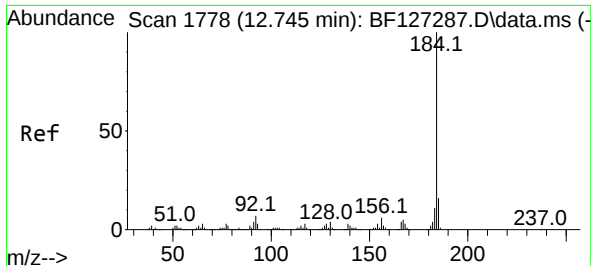
Tgt Ion:248 Resp: 20771
Ion Ratio Lower Upper
248 100
250 206.8 76.2 114.4#
141 459.5 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

Tgt Ion:240 Resp: 230232
Ion Ratio Lower Upper
240 100
120 9.8 14.4 21.6#
236 25.2 20.5 30.7

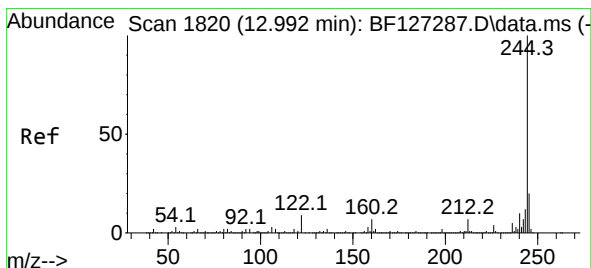
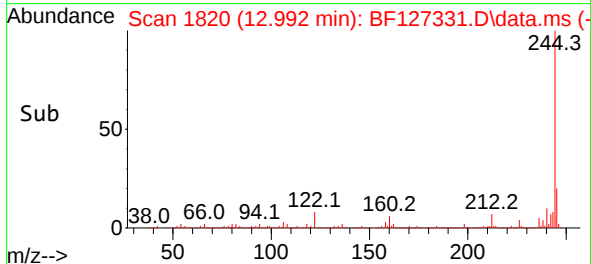
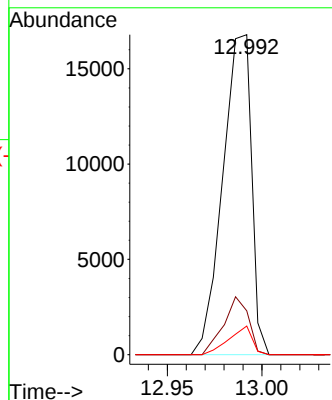
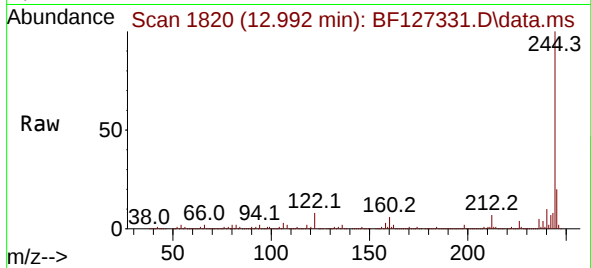




#77
Benzidine
Concen: 3.035 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.247 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

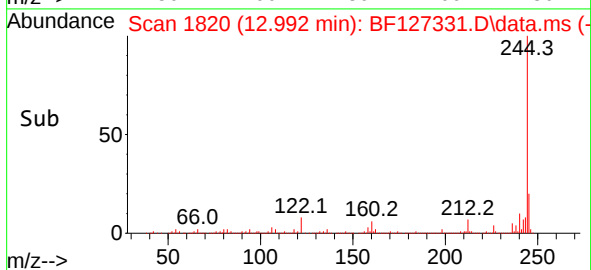
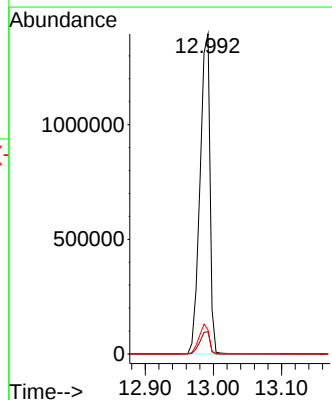
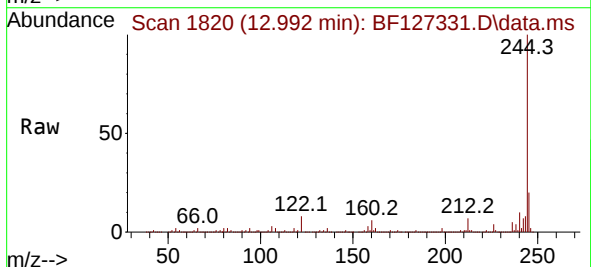
Instrument :
BNA_F
ClientSampleId :
VNJ-232

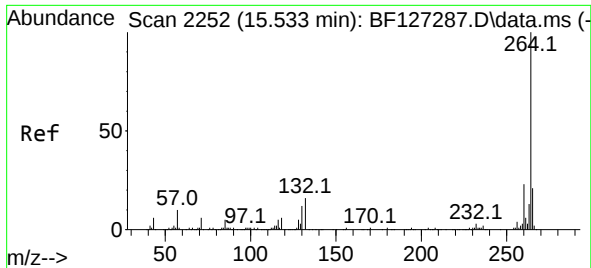
Tgt Ion:184 Resp: 17771
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.8
183 9.0 8.2 12.2



#79
Terphenyl-d14
Concen: 106.059 ng
RT: 12.992 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

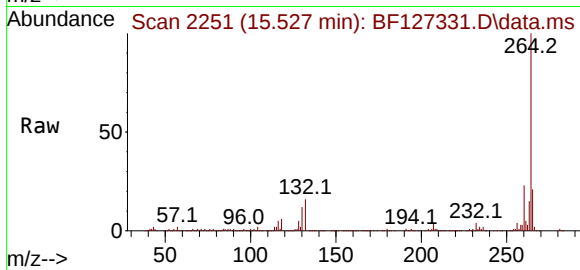
Tgt Ion:244 Resp: 1418060
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 7.5 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127331.D
 Acq: 15 Mar 2022 18:44

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232



Tgt Ion:264 Resp: 222586
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 17.4 26.2

